

Full&Default Power NSA Mode

n7 Ant2 Default Main PA-1								
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	24.28	24.32	24.34		
40	1/2 BPSK	1	108	24.29	24.27	24.20	25.5	0.0
40	1/2 BPSK	1	214	24.37	24.37	24.35		
40	1/2 BPSK	108	0	23.76	23.85	23.84	25.0	0.5
40	1/2 BPSK	108	54	24.32	24.41	24.36	25.5	0.0
40	1/2 BPSK	108	108	23.88	23.91	23.91		
40	1/2 BPSK	216	0	23.83	23.89	23.81	25.0	0.5
40	QPSK	1	1	24.38	24.44	24.40		
40	QPSK	1	108	24.34	24.37	24.40	25.5	0.0
40	QPSK	1	214	24.38	24.41	24.37		
40	QPSK	108	0	23.30	23.32	23.30	24.5	1.0
40	QPSK	108	54	24.36	24.37	24.34	25.5	0.0
40	QPSK	108	108	23.25	23.26	23.26	24.5	1.0
40	QPSK	216	0	23.39	23.41	23.33	24.5	1.0
40	16QAM	1	1	23.19	23.18	23.14	24.5	1.0
40	64QAM	1	1	21.61	21.63	21.65	23.0	2.5
40	256QAM	1	1	19.74	19.72	19.68	21.0	4.5
Channel				503500	507000	510500	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	24.33	24.42	24.41	25.5	0.0
Channel				503000	507000	511000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.35	24.38	24.34	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.30	24.42	24.38	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	1/2 BPSK	1	1	24.40	24.42	24.41	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.37	24.38	24.43	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.33	24.43	24.32	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.30	24.36	24.35	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	24.46	24.68	24.64		
40	1/2 BPSK	1	108	24.46	24.58	24.63	25.5	0.0
40	1/2 BPSK	1	214	24.52	24.66	24.57		
40	1/2 BPSK	108	0	24.07	24.27	24.14	25.0	0.5
40	1/2 BPSK	108	54	24.51	24.66	24.66	25.5	0.0
40	1/2 BPSK	108	108	24.05	24.17	24.18	25.0	0.5
40	1/2 BPSK	216	0	24.04	24.28	24.18		
40	QPSK	1	1	24.52	24.73	24.69		
40	QPSK	1	108	24.54	24.65	24.62	25.5	0.0
40	QPSK	1	214	24.52	24.68	24.65		
40	QPSK	108	0	23.57	23.66	23.66	24.5	1.0
40	QPSK	108	54	24.50	24.70	24.61	25.5	0.0
40	QPSK	108	108	23.58	23.68	23.64	24.5	1.0
40	QPSK	216	0	23.51	23.71	23.62		
40	16QAM	1	1	23.57	23.64	23.63	24.5	1.0
40	64QAM	1	1	22.05	22.24	22.23	23.0	2.5
40	256QAM	1	1	20.07	20.28	20.22	21.0	4.5
Channel				345500	349000	352500	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.53	24.67	24.65	0.0	0.0
Channel				345000	349000	353000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.46	24.69	24.66	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.48	24.68	24.62	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.52	24.66	24.66	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.50	24.65	24.63	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.50	24.69	24.71	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.46	24.69	24.62	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	24.52	24.61	24.58		
40	3/2 BPSK	1	53	24.55	24.57	24.58	25.5	0.0
40	3/2 BPSK	1	104	24.40	24.45	24.47		
40	3/2 BPSK	50	0	23.87	23.92	23.85	25.0	0.5
40	3/2 BPSK	50	28	24.58	24.58	24.61	25.5	0.0
40	3/2 BPSK	50	58	24.29	24.31	24.23		
40	3/2 BPSK	100	0	23.84	23.88	23.90	25.0	0.5
40	QPSK	1	1	24.62	24.63	24.58		
40	QPSK	1	53	24.59	24.61	24.59	25.5	0.0
40	QPSK	1	104	24.36	24.42	24.40		
40	QPSK	50	0	23.54	23.58	23.62	24.5	1.0
40	QPSK	50	28	24.46	24.47	24.43	25.5	0.0
40	QPSK	50	58	24.25	24.29	24.31	24.5	1.0
40	QPSK	100	0	23.31	23.36	23.34	24.5	1.0
40	16QAM	1	1	23.24	23.25	23.24	24.5	1.0
40	64QAM	1	1	21.79	21.82	21.82	23.0	2.5
40	256QAM	1	1	19.75	19.77	19.72	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dB)	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.55	24.58	24.54	25.5	0.0
Channel				516004	519000	521496	Tune-up limit (dB)	MPR
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	24.56	24.61	24.58	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dB)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.59	24.59	24.50	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dB)	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.53	24.58	24.54	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dB)	MPR
Frequency (MHz)				2574.02	2595	2614.98		
10	QPSK	1	1	24.57	24.63	24.53	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	24.42	24.57	24.51		
100	3/2 BPSK	1	137	24.49	24.52	24.41	25.5	0.0
100	3/2 BPSK	1	271	24.31	24.61	24.47		
100	3/2 BPSK	135	0	23.93	24.11	24.01	25.0	0.5
100	3/2 BPSK	135	69	24.48	24.58	24.57	25.5	0.0
100	3/2 BPSK	135	138	23.94	24.14	24.00		
100	3/2 BPSK	270	0	24.03	24.17	24.03	25.0	0.5
100	QPSK	1	1	24.48	24.65	24.56		
100	QPSK	1	137	24.49	24.60	24.47	25.5	0.0
100	QPSK	1	271	24.40	24.62	24.54		
100	QPSK	135	0	23.47	23.60	23.61	24.5	1.0
100	QPSK	135	69	24.43	24.61	24.49	25.5	0.0
100	QPSK	135	138	23.47	23.58	23.60	24.5	1.0
100	QPSK	270	0	23.51	23.66	23.54	24.5	1.0
100	16QAM	1	1	23.51	23.59	23.59	24.5	1.0
100	64QAM	1	1	21.94	22.07	22.11	23.0	2.5
100	256QAM	1	1	20.01	20.13	20.01	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dB)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.51	24.52	24.42	25.5	0.0
Channel				507204	518598	529996	Tune-up limit (dB)	MPR
Frequency (MHz)				2636.02	2592.99	2649.99		
80	QPSK	1	1	24.43	24.54	24.39	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dB)	MPR
Frequency (MHz)				2531.01	2592.99	2635		
70	QPSK	1	1	24.46	24.52	24.39	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dB)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.49	24.52	24.41	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dB)	MPR
Frequency (MHz)				2521.02	2592.99	2654.99		
50	QPSK	1	1	24.43	24.60	24.40	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dB)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.48	24.60	24.39	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.47	24.57	24.49	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
25	QPSK	1	1	24.46	24.57	24.44	0.0	0.0
Channel				501204	518598	535998	Tune-up limit (dB)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.48	24.57	24.44	25.5	0.0
Channel				500700	518598	536996	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.5	2592.99	2682.48		
15	QPSK	1	1	24.43	24.55	24.42	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.43	24.61	24.48	25.5	0.0

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BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	21.00	20.99	20.92		
40	3/2 BPSK	1	108	20.89	20.92	20.85	22.0	0.0
40	3/2 BPSK	1	214	20.97	20.97	20.90		
40	3/2 BPSK	108	0	20.38	20.42	20.43	21.5	0.5
40	3/2 BPSK	108	54	20.95	20.94	20.97	22.0	0.0
40	3/2 BPSK	108	108	20.29	20.35	20.28		
40	3/2 BPSK	216	0	20.38	20.38	20.38	21.5	0.5
40	QPSK	1	1	20.92	21.01	20.96		
40	QPSK	1	108	20.81	20.85	20.83	22.0	0.0
40	QPSK	1	214	20.97	20.99	20.99		
40	QPSK	108	0	19.94	19.88	19.90	21.0	1.0
40	QPSK	108	54	20.90	20.94	20.88	22.0	0.0
40	QPSK	108	108	19.78	19.86	19.79		
40	QPSK	216	0	19.86	19.93	19.90	21.0	1.0
40	16QAM	1	1	19.66	19.69	19.69	21.0	1.0
40	64QAM	1	1	18.28	18.26	18.26	19.5	2.5
40	256QAM	1	1	16.30	16.37	16.33	17.5	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	20.89	20.98	20.97	22.0	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	20.88	20.98	20.89	22.0	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	20.92	20.95	20.90	22.0	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	3/2 BPSK	1	1	20.93	20.93	20.94	22.0	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	20.94	20.98	20.98	22.0	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	20.91	20.95	20.94	22.0	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	20.88	20.93	20.96	22.0	0.0

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BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	21.89	21.95	21.92		
40	3/2 BPSK	1	108	21.87	21.90	21.87	22.5	0.0
40	3/2 BPSK	1	214	21.82	21.98	21.91		
40	3/2 BPSK	108	0	21.36	21.46	21.47	22.0	0.5
40	3/2 BPSK	108	54	21.87	21.94	21.86	22.5	0.0
40	3/2 BPSK	108	108	21.39	21.52	21.44		
40	3/2 BPSK	216	0	21.38	21.48	21.47	22.0	0.5
40	QPSK	1	1	21.89	22.02	21.95		
40	QPSK	1	108	21.87	21.94	21.88	22.5	0.0
40	QPSK	1	214	21.87	21.95	21.89		
40	QPSK	108	0	20.86	20.98	20.97	21.5	1.0
40	QPSK	108	54	21.83	21.96	21.92	22.5	0.0
40	QPSK	108	108	20.92	20.99	20.93		
40	QPSK	216	0	20.92	21.01	20.97	21.5	1.0
40	16QAM	1	1	20.85	20.96	21.00	21.5	1.0
40	64QAM	1	1	19.41	19.54	19.40	20.0	2.5
40	256QAM	1	1	17.42	17.51	17.41	18.0	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	21.82	21.96	21.89	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	21.82	22.00	21.90	22.5	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	21.89	21.99	21.87	22.5	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	21.91	22.01	21.94	22.5	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	21.84	21.95	21.89	22.5	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	21.89	21.97	21.88	22.5	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	21.81	21.95	21.92	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	20.83	20.91	20.85		
40	3/2 BPSK	1	53	20.87	20.89	20.83	22.0	0.0
40	3/2 BPSK	1	104	20.95	20.94	20.92		
40	3/2 BPSK	50	0	20.41	20.41	20.41	21.5	0.5
40	3/2 BPSK	50	28	20.84	20.85	20.78	22.0	0.0
40	3/2 BPSK	50	56	20.39	20.38	20.31		
40	3/2 BPSK	100	0	20.27	20.33	20.32	21.5	0.5
40	QPSK	1	1	20.95	20.99	20.98		
40	QPSK	1	53	20.63	20.67	20.63	22.0	0.0
40	QPSK	1	104	20.49	20.54	20.48		
40	QPSK	50	0	19.99	19.74	19.76	21.0	1.0
40	QPSK	50	28	20.80	20.83	20.82	22.0	0.0
40	QPSK	50	56	19.52	19.53	19.57		
40	QPSK	100	0	19.80	19.85	19.81	21.0	1.0
40	16QAM	1	1	19.75	19.73	19.66	21.0	1.0
40	64QAM	1	1	18.31	18.29	18.21	19.5	2.5
40	256QAM	1	1	16.30	16.28	16.20	17.5	4.5
Channel				517002	519000	520998	Tune-up limit (dB)	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.89	20.93	20.98	22.0	0.0
Channel				516004	519000	521496	Tune-up limit (dB)	MPR
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.91	20.96	20.91	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dB)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.93	20.90	20.96	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dB)	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.91	20.97	20.91	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dB)	MPR
Frequency (MHz)				2572.02	2595	2614.99		
10	QPSK	1	1	20.92	20.96	20.91	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	20.92	20.94	20.93		
100	3/2 BPSK	1	137	20.81	20.91	21.00	22.0	0.0
100	3/2 BPSK	1	271	20.84	20.94	20.80		
100	3/2 BPSK	135	0	20.41	20.49	20.43	21.5	0.5
100	3/2 BPSK	135	69	20.93	20.98	20.96	22.0	0.0
100	3/2 BPSK	135	138	20.38	20.55	20.41		
100	3/2 BPSK	270	0	20.44	20.48	20.43	21.5	0.5
100	QPSK	1	1	20.93	21.01	20.95		
100	QPSK	1	137	20.90	20.93	20.97	22.0	0.0
100	QPSK	1	271	20.84	20.94	20.86		
100	QPSK	135	0	19.96	19.99	19.90	21.0	1.0
100	QPSK	135	69	20.90	20.94	20.93	22.0	0.0
100	QPSK	135	138	19.93	19.97	20.00	21.0	1.0
100	QPSK	270	0	19.92	20.02	19.94		
100	16QAM	1	1	19.93	20.00	19.91	21.0	1.0
100	64QAM	1	1	18.42	18.52	18.48	19.5	2.5
100	256QAM	1	1	16.42	16.52	16.41	17.5	4.5
Channel				508200	518598	528996	Tune-up limit (dB)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.89	20.97	20.95	22.0	0.0
Channel				507204	518598	529996	Tune-up limit (dB)	MPR
Frequency (MHz)				2636.02	2592.99	2649.99		
80	QPSK	1	1	20.85	20.98	20.88	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dB)	MPR
Frequency (MHz)				2531.01	2592.99	2635		
70	QPSK	1	1	20.95	20.94	20.90	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dB)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.86	20.95	20.98	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dB)	MPR
Frequency (MHz)				2521.02	2592.99	2654.99		
50	QPSK	1	1	20.90	20.97	20.92	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dB)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.88	20.98	20.96	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.87	20.93	20.93	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
25	QPSK	1	1	20.93	20.93	20.87	0.0	0.0
Channel				501204	518598	535998	Tune-up limit (dB)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.84	20.93	20.97	22.0	0.0
Channel				500700	518598	536996	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.5	2592.99	2672.48		
15	QPSK	1	1	20.96	20.97	20.88	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.90	20.97	20.95	22.0	0.0

Reduced Power NSA Mode for DS11

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	16.33	16.30	16.32		
40	1/2 BPSK	1	108	16.23	16.31	16.15	17.5	0.0
40	1/2 BPSK	1	214	16.39	16.35	16.40		
40	1/2 BPSK	108	0	16.21	16.35	16.32	17.5	0.0
40	1/2 BPSK	108	54	16.30	16.41	16.33	17.5	0.0
40	1/2 BPSK	108	108	16.39	16.45	16.45	17.5	0.0
40	1/2 BPSK	216	0	16.35	16.34	16.36		
40	QPSK	1	1	16.43	16.49	16.37		
40	QPSK	1	108	16.39	16.37	16.37	17.5	0.0
40	QPSK	1	214	16.40	16.40	16.34		
40	QPSK	108	0	16.26	16.29	16.29	17.5	0.0
40	QPSK	108	54	16.37	16.39	16.38	17.5	0.0
40	QPSK	108	108	16.21	16.30	16.26	17.5	0.0
40	QPSK	216	0	16.38	16.43	16.29		
40	16QAM	1	1	16.23	16.23	16.18	17.5	0.0
40	64QAM	1	1	16.11	16.18	16.17	17.5	0.0
40	256QAM	1	1	16.20	16.21	16.20	17.5	0.0
Channel				503500	507000	510500	Tune-up limit (dB)	MPR
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	16.32	16.44	16.40	17.5	0.0
Channel				503000	507000	511000	Tune-up limit (dB)	MPR
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.28	16.39	16.36	17.5	0.0
Channel				502500	507000	511500	Tune-up limit (dB)	MPR
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.36	16.48	16.47	17.5	0.0
Channel				502000	507000	512000	Tune-up limit (dB)	MPR
Frequency (MHz)				2510	2535	2560		
20	1/2 BPSK	1	1	16.29	16.43	16.40	17.5	0.0
Channel				501500	507000	512500	Tune-up limit (dB)	MPR
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.34	16.40	16.38	17.5	0.0
Channel				501000	507000	513000	Tune-up limit (dB)	MPR
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.35	16.44	16.39	17.5	0.0
Channel				500500	507000	513500	Tune-up limit (dB)	MPR
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.37	16.41	16.45	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	19.06	19.18	19.12		
40	1/2 BPSK	1	108	19.04	19.13	19.05	20.0	0.0
40	1/2 BPSK	1	214	19.03	19.18	19.10		
40	1/2 BPSK	108	0	19.11	19.15	19.06	20.0	0.0
40	1/2 BPSK	108	54	19.05	19.14	19.14	20.0	0.0
40	1/2 BPSK	108	108	19.10	19.13	19.17	20.0	0.0
40	1/2 BPSK	216	0	19.01	19.20	19.12		
40	QPSK	1	1	19.19	19.24	19.21		
40	QPSK	1	108	19.09	19.11	19.15	20.0	0.0
40	QPSK	1	214	19.07	19.21	19.14		
40	QPSK	108	0	19.09	19.15	19.12	20.0	0.0
40	QPSK	108	54	19.05	19.17	19.10	20.0	0.0
40	QPSK	108	108	19.10	19.16	19.08	20.0	0.0
40	QPSK	216	0	19.13	19.20	19.11		
40	16QAM	1	1	19.06	19.16	19.16	20.0	0.0
40	64QAM	1	1	19.01	19.19	19.18	20.0	0.0
40	256QAM	1	1	19.02	19.14	19.13	20.0	0.0
Channel				345500	349000	352500	Tune-up limit (dB)	MPR
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	19.02	19.12	19.17	0.0	0.0
Channel				345000	349000	353000	Tune-up limit (dB)	MPR
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.03	19.11	19.12	20.0	0.0
Channel				344500	349000	353500	Tune-up limit (dB)	MPR
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.01	19.12	19.17	20.0	0.0
Channel				344000	349000	354000	Tune-up limit (dB)	MPR
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.00	19.12	19.19	20.0	0.0
Channel				343500	349000	354500	Tune-up limit (dB)	MPR
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.07	19.20	19.10	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dB)	MPR
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.00	19.22	19.17	20.0	0.0
Channel				342500	349000	355500	Tune-up limit (dB)	MPR
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.01	19.20	19.14	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	16.46	16.57	16.55		
40	3/2 BPSK	1	53	16.57	16.58	16.57	17.5	0.0
40	3/2 BPSK	1	104	16.38	16.50	16.50		
40	3/2 BPSK	50	0	16.37	16.39	16.32	17.5	0.0
40	3/2 BPSK	50	28	16.53	16.60	16.56	17.5	0.0
40	3/2 BPSK	50	56	16.33	16.57	16.55		
40	3/2 BPSK	100	0	16.32	16.41	16.39	17.5	0.0
40	QPSK	1	1	16.56	16.65	16.59		
40	QPSK	1	53	16.64	16.59	16.60	17.5	0.0
40	QPSK	1	104	16.41	16.43	16.42		
40	QPSK	50	0	16.43	16.51	16.42	17.5	0.0
40	QPSK	50	28	16.57	16.59	16.54	17.5	0.0
40	QPSK	50	56	16.56	16.58	16.58		
40	QPSK	100	0	16.37	16.49	16.31	17.5	0.0
40	16QAM	1	1	16.24	16.29	16.29	17.5	0.0
40	64QAM	1	1	16.24	16.29	16.27	17.5	0.0
40	256QAM	1	1	16.21	16.24	16.24	17.5	0.0
Channel				517002	519000	520998	Tune-up limit (dB)	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.53	16.60	16.55	17.5	0.0
Channel				516004	519000	521496	Tune-up limit (dB)	MPR
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	16.54	16.57	16.58	17.5	0.0
Channel				516000	519000	522000	Tune-up limit (dB)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.54	16.59	16.53	17.5	0.0
Channel				515502	519000	522498	Tune-up limit (dB)	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.56	16.55	16.48	17.5	0.0
Channel				515004	519000	522996	Tune-up limit (dB)	MPR
Frequency (MHz)				2572.02	2595	2614.96		
10	QPSK	1	1	16.53	16.54	16.50	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	16.47	16.59	16.46		
100	3/2 BPSK	1	137	16.51	16.56	16.44	17.5	0.0
100	3/2 BPSK	1	271	16.30	16.55	16.43		
100	3/2 BPSK	135	0	16.43	16.60	16.50	17.5	0.0
100	3/2 BPSK	135	69	16.47	16.53	16.54	17.5	0.0
100	3/2 BPSK	135	138	16.48	16.59	16.53		
100	3/2 BPSK	270	0	16.48	16.64	16.47	17.5	0.0
100	QPSK	1	1	16.49	16.68	16.54		
100	QPSK	1	137	16.46	16.59	16.47	17.5	0.0
100	QPSK	1	271	16.45	16.59	16.50		
100	QPSK	135	0	16.49	16.58	16.56	17.5	0.0
100	QPSK	135	69	16.45	16.60	16.46	17.5	0.0
100	QPSK	135	138	16.53	16.57	16.55	17.5	0.0
100	QPSK	270	0	16.52	16.59	16.50		
100	16QAM	1	1	16.52	16.59	16.53	17.5	0.0
100	64QAM	1	1	16.44	16.54	16.52	17.5	0.0
100	256QAM	1	1	16.49	16.58	16.54	17.5	0.0
Channel				508200	518598	528996	Tune-up limit (dB)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.50	16.57	16.41	17.5	0.0
Channel				507204	518598	529996	Tune-up limit (dB)	MPR
Frequency (MHz)				2636.02	2592.99	2649.99		
80	QPSK	1	1	16.55	16.51	16.40	17.5	0.0
Channel				506202	518598	531000	Tune-up limit (dB)	MPR
Frequency (MHz)				2531.01	2592.99	2635		
70	QPSK	1	1	16.49	16.51	16.36	17.5	0.0
Channel				505200	518598	531996	Tune-up limit (dB)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.53	16.48	16.38	17.5	0.0
Channel				504204	518598	532998	Tune-up limit (dB)	MPR
Frequency (MHz)				2521.02	2592.99	2654.99		
50	QPSK	1	1	16.55	16.49	16.45	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dB)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.56	16.48	16.37	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.48	16.51	16.47	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
25	QPSK	1	1	16.54	16.51	16.37	0.0	0.0
Channel				501204	518598	535998	Tune-up limit (dB)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.54	16.47	16.38	17.5	0.0
Channel				500700	518598	536496	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.5	2592.99	2672.46		
15	QPSK	1	1	16.54	16.56	16.43	17.5	0.0
Channel				500202	518598	537000	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.51	16.47	16.37	17.5	0.0

n7 Ant5 Default Main PA-1

BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	21.00	20.99	20.92		
40	3/2 BPSK	1	108	20.89	20.92	20.85	22.0	0.0
40	3/2 BPSK	1	214	20.97	20.97	20.90		
40	3/2 BPSK	108	0	20.38	20.42	20.43	21.5	0.5
40	3/2 BPSK	108	54	20.95	20.94	20.97	22.0	0.0
40	3/2 BPSK	108	108	20.29	20.35	20.28		
40	3/2 BPSK	216	0	20.38	20.38	20.38	21.5	0.5
40	QPSK	1	1	20.92	21.01	20.96		
40	QPSK	1	108	20.81	20.85	20.83	22.0	0.0
40	QPSK	1	214	20.97	20.99	20.99		
40	QPSK	108	0	19.94	19.88	19.90	21.0	1.0
40	QPSK	108	54	20.90	20.94	20.88	22.0	0.0
40	QPSK	108	108	19.78	19.86	19.79		
40	QPSK	216	0	19.86	19.93	19.90	21.0	1.0
40	16QAM	1	1	19.66	19.69	19.69	21.0	1.0
40	64QAM	1	1	18.28	18.26	18.26	19.5	2.5
40	256QAM	1	1	16.30	16.37	16.33	17.5	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	20.89	20.98	20.97	22.0	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	20.88	20.98	20.89	22.0	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	20.92	20.95	20.90	22.0	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	3/2 BPSK	1	1	20.93	20.93	20.94	22.0	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	20.94	20.98	20.98	22.0	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	20.91	20.95	20.94	22.0	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	20.88	20.93	20.96	22.0	0.0

n66 Ant5 Default Main PA-1

BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	21.86	21.95	21.92		
40	3/2 BPSK	1	108	21.87	21.90	21.87	22.5	0.0
40	3/2 BPSK	1	214	21.82	21.98	21.91		
40	3/2 BPSK	108	0	21.36	21.46	21.47	22.0	0.5
40	3/2 BPSK	108	54	21.87	21.94	21.86	22.5	0.0
40	3/2 BPSK	108	108	21.39	21.52	21.44		
40	3/2 BPSK	216	0	21.38	21.48	21.47	22.0	0.5
40	QPSK	1	1	21.89	22.02	21.95		
40	QPSK	1	108	21.87	21.94	21.88	22.5	0.0
40	QPSK	1	214	21.87	21.95	21.89		
40	QPSK	108	0	20.86	20.98	20.97	21.5	1.0
40	QPSK	108	54	21.83	21.96	21.92	22.5	0.0
40	QPSK	108	108	20.92	20.99	20.93		
40	QPSK	216	0	20.92	21.01	20.97	21.5	1.0
40	16QAM	1	1	20.85	20.96	21.00	21.5	1.0
40	64QAM	1	1	19.41	19.54	19.40	20.0	2.5
40	256QAM	1	1	17.42	17.51	17.41	18.0	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	21.82	21.96	21.89	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	21.82	22.00	21.90	22.5	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	21.89	21.99	21.87	22.5	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	21.91	22.01	21.94	22.5	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	21.84	21.95	21.89	22.5	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	21.89	21.97	21.88	22.5	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	21.81	21.95	21.92	22.5	0.0

n38 Ant5 Default Main PA-1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	20.83	20.91	20.85		
40	3/2 BPSK	1	53	20.87	20.89	20.83	22.0	0.0
40	3/2 BPSK	1	104	20.95	20.94	20.92		
40	3/2 BPSK	50	0	20.41	20.41	20.41	21.5	0.5
40	3/2 BPSK	50	28	20.84	20.85	20.78	22.0	0.0
40	3/2 BPSK	50	56	20.39	20.38	20.31		
40	3/2 BPSK	100	0	20.27	20.33	20.32	21.5	0.5
40	QPSK	1	1	20.95	20.99	20.98		
40	QPSK	1	53	20.63	20.67	20.63	22.0	0.0
40	QPSK	1	104	20.49	20.54	20.48		
40	QPSK	50	0	19.99	19.74	19.76	21.0	1.0
40	QPSK	50	28	20.80	20.83	20.82	22.0	0.0
40	QPSK	50	56	19.52	19.53	19.57		
40	QPSK	100	0	19.80	19.85	19.81	21.0	1.0
40	16QAM	1	1	19.75	19.73	19.66	21.0	1.0
40	64QAM	1	1	18.31	18.29	18.21	19.5	2.5
40	256QAM	1	1	16.30	16.28	16.20	17.5	4.5
Channel				517002	519000	520998	Tune-up limit (dB)	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.89	20.93	20.98	22.0	0.0
Channel				516004	519000	521496	Tune-up limit (dB)	MPR
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.91	20.96	20.91	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dB)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.93	20.90	20.95	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dB)	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.91	20.97	20.91	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dB)	MPR
Frequency (MHz)				2572.02	2595	2614.99		
10	QPSK	1	1	20.92	20.96	20.91	22.0	0.0

n41 Ant5 Default Main PA-1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	20.92	20.94	20.93		
100	3/2 BPSK	1	137	20.81	20.91	21.00	22.0	0.0
100	3/2 BPSK	1	271	20.84	20.94	20.80		
100	3/2 BPSK	135	0	20.41	20.49	20.43	21.5	0.5
100	3/2 BPSK	135	69	20.93	20.98	20.96	22.0	0.0
100	3/2 BPSK	135	138	20.38	20.55	20.41		
100	3/2 BPSK	270	0	20.44	20.48	20.43	21.5	0.5
100	QPSK	1	1	20.93	21.01	20.95		
100	QPSK	1	137	20.90	20.93	20.97	22.0	0.0
100	QPSK	1	271	20.84	20.94	20.86		
100	QPSK	135	0	19.96	19.99	19.90	21.0	1.0
100	QPSK	135	69	20.90	20.94	20.93	22.0	0.0
100	QPSK	135	138	19.93	19.97	20.00	21.0	1.0
100	QPSK	270	0	19.92	20.02	19.94		
100	16QAM	1	1	19.93	20.00	19.91	21.0	1.0
100	64QAM	1	1	18.42	18.52	18.48	19.5	2.5
100	256QAM	1	1	16.42	16.52	16.41	17.5	4.5
Channel				508200	518598	528996	Tune-up limit (dB)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.89	20.97	20.95	22.0	0.0
Channel				507204	518598	529996	Tune-up limit (dB)	MPR
Frequency (MHz)				2636.02	2592.99	2649.99		
80	QPSK	1	1	20.85	20.98	20.88	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dB)	MPR
Frequency (MHz)				2531.01	2592.99	2635		
70	QPSK	1	1	20.95	20.94	20.90	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dB)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.86	20.95	20.98	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dB)	MPR
Frequency (MHz)				2521.02	2592.99	2654.99		
50	QPSK	1	1	20.90	20.97	20.92	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dB)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.88	20.98	20.96	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.87	20.93	20.93	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
25	QPSK	1	1	20.93	20.93	20.87	0.0	0.0
Channel				501204	518598	535998	Tune-up limit (dB)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.84	20.93	20.97	22.0	0.0
Channel				500700	518598	536996	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.5	2592.99	2672.48		
15	QPSK	1	1	20.96	20.97	20.88	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.90	20.97	20.95	22.0	0.0

Reduced Power NSA Mode for DSI1

n66 Ant2 DSI1 Main PA-1 for ENDC

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	16.12	16.15	16.18		
40	1/2 BPSK	1	108	16.07	16.17	16.11	17.0	0.0
40	1/2 BPSK	1	214	16.05	16.23	16.14		
40	1/2 BPSK	108	0	16.07	16.19	16.04	17.0	0.0
40	1/2 BPSK	108	54	16.01	16.10	16.19	17.0	0.0
40	1/2 BPSK	108	108	16.13	16.15	16.16	17.0	0.0
40	1/2 BPSK	216	0	16.05	16.22	16.09		
40	QPSK	1	1	16.21	16.24	16.22		
40	QPSK	1	108	16.08	16.14	16.21	17.0	0.0
40	QPSK	1	214	16.04	16.22	16.10		
40	QPSK	108	0	16.11	16.15	16.09	17.0	0.0
40	QPSK	108	54	16.08	16.17	16.16	17.0	0.0
40	QPSK	108	108	16.07	16.12	16.02	17.0	0.0
40	QPSK	216	0	16.12	16.19	16.07		
40	16QAM	1	1	16.09	16.20	16.11	17.0	0.0
40	64QAM	1	1	16.04	16.22	16.14	17.0	0.0
40	256QAM	1	1	16.03	16.13	16.16	17.0	0.0
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	16.00	16.18	16.15	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	16.05	16.11	16.16	17.0	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	16.07	16.15	16.12	17.0	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	16.05	16.15	16.15	17.0	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	16.00	16.10	16.15	17.0	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	15.98	16.06	16.23	17.0	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	16.06	16.12	16.20	17.0	0.0

n66 Ant5 DSI1 Main PA-1 for ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	3/2 BPSK	1	1	19.80	19.97	19.88			
40	3/2 BPSK	1	108	19.85	19.92	19.84	20.5	0.0	
40	3/2 BPSK	1	214	19.85	19.93	19.90			
40	3/2 BPSK	108	0	19.86	19.92	19.96	20.5	0.0	
40	3/2 BPSK	108	54	19.89	19.89	19.82	20.5	0.0	
40	3/2 BPSK	108	108	19.90	20.01	19.95	20.5	0.0	
40	3/2 BPSK	216	0	19.83	19.96	20.03			
40	QPSK	1	1	19.94	20.04	19.99			
40	QPSK	1	108	19.90	19.97	19.92	20.5	0.0	
40	QPSK	1	214	19.91	19.95	19.95			
40	QPSK	108	0	19.86	20.00	19.91	20.5	0.0	
40	QPSK	108	54	19.88	20.03	19.91	20.5	0.0	
40	QPSK	108	108	19.98	20.02	19.97			
40	QPSK	216	0	19.92	20.00	19.94	20.5	0.0	
40	16QAM	1	1	19.89	19.94	19.97	20.5	0.0	
40	64QAM	1	1	19.41	19.54	19.40	20.0	0.5	
40	256QAM	1	1	17.42	17.51	17.41	18.0	2.5	
Channel				345500	349000	352500	Tune-up	MPR	
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)	
35	QPSK	1	1	19.80	19.92	19.87	0.0	0.0	
Channel				345000	349000	353000	Tune-up	MPR	
Frequency (MHz)				1725	1745	1765	limit	(dB)	
30	QPSK	1	1	19.77	19.97	19.97	20.5	0.0	
Channel				344500	349000	353500	Tune-up	MPR	
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)	
25	QPSK	1	1	19.79	19.92	19.92	20.5	0.0	
Channel				344000	349000	354000	Tune-up	MPR	
Frequency (MHz)				1720	1745	1770	limit	(dB)	
20	QPSK	1	1	19.87	19.96	19.84	20.5	0.0	
Channel				343500	349000	354500	Tune-up	MPR	
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)	
15	QPSK	1	1	19.86	19.95	19.86	20.5	0.0	
Channel				343000	349000	355000	Tune-up	MPR	
Frequency (MHz)				1715	1745	1775	limit	(dB)	
10	QPSK	1	1	19.85	19.92	19.91	20.5	0.0	
Channel				342500	349000	355500	Tune-up	MPR	
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)	
5	QPSK	1	1	19.86	19.93	19.87	20.5	0.0	

Reduced Power NSA Mode for DSI3

n7 Ant2 Default DSI3 PA-1								
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	20.75	20.87	20.89		
40	1/2 BPSK	1	108	20.80	20.77	20.61	22.0	0.0
40	1/2 BPSK	1	214	20.84	20.78	20.80		
40	1/2 BPSK	108	0	20.84	20.89	20.84	22.0	0.0
40	1/2 BPSK	108	54	20.79	20.87	20.77	22.0	0.0
40	1/2 BPSK	108	108	20.87	20.83	20.81	22.0	0.0
40	1/2 BPSK	216	0	20.80	20.84	20.83		
40	QPSK	1	1	20.77	20.91	20.84		
40	QPSK	1	108	20.86	20.85	20.87	22.0	0.0
40	QPSK	1	214	20.78	20.86	20.75		
40	QPSK	108	0	20.84	20.81	20.70	22.0	0.0
40	QPSK	108	54	20.83	20.89	20.85	22.0	0.0
40	QPSK	108	108	20.80	20.80	20.85	22.0	0.0
40	QPSK	216	0	20.87	20.88	20.76		
40	16QAM	1	1	20.71	20.72	20.67	22.0	0.0
40	64QAM	1	1	20.53	20.58	20.55	22.0	0.0
40	256QAM	1	1	19.74	19.72	19.68	21.0	1.0
Channel				503500	507000	510500	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.66	20.80	20.78	22.0	0.0
Channel				503000	507000	511000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.85	20.71	20.82	22.0	0.0
Channel				502500	507000	511500	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.68	20.83	20.66	22.0	0.0
Channel				502000	507000	512000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	1/2 BPSK	1	1	20.70	20.70	20.79	22.0	0.0
Channel				501500	507000	512500	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2507.5	2535	2552.5		
15	QPSK	1	1	20.72	20.78	20.78	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.64	20.80	20.64	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.73	20.90	20.72	22.0	0.0

n66 Ant2 DSI3 Main PA-1								
BW [MHz]	Modulatio n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	22.97	22.88	22.97		
40	1/2 BPSK	1	108	22.81	23.08	23.01	24.0	0.0
40	1/2 BPSK	1	214	22.96	23.11	22.97		
40	1/2 BPSK	108	0	23.04	23.14	22.98	24.0	0.0
40	1/2 BPSK	108	54	22.89	23.09	23.05	24.0	0.0
40	1/2 BPSK	108	108	22.95	23.10	23.11	24.0	0.0
40	1/2 BPSK	216	0	22.85	23.25	22.97		
40	QPSK	1	1	23.15	23.27	23.13		
40	QPSK	1	108	22.83	23.01	23.05	24.0	0.0
40	QPSK	1	214	22.87	23.04	23.09		
40	QPSK	108	0	22.93	22.95	23.00	24.0	0.0
40	QPSK	108	54	22.86	23.17	22.99	24.0	0.0
40	QPSK	108	108	23.00	23.14	22.99	24.0	0.0
40	QPSK	216	0	23.02	23.04	23.01		
40	16QAM	1	1	23.21	23.24	23.23	24.0	0.0
40	64QAM	1	1	22.05	22.24	22.23	23.0	1.0
40	256QAM	1	1	20.07	20.28	20.22	21.0	3.0
Channel				345500	349000	352500		
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.84	23.21	23.06	0.0	0.0
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.88	23.08	23.07	24.0	0.0
Channel				344500	349000	353500		
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.91	23.11	23.12	24.0	0.0
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.87	23.17	23.15	24.0	0.0
Channel				343500	349000	354500		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.82	23.21	23.00	24.0	0.0
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.93	23.15	23.10	24.0	0.0
Channel				342500	349000	355500		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.92	23.22	23.15	24.0	0.0

n38 Ant2 DSI3 Main PA-1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	20.88	20.90	20.98		
40	3/2 BPSK	1	53	20.83	21.04	21.08	22.0	0.0
40	3/2 BPSK	1	104	20.81	20.78	20.82		
40	3/2 BPSK	50	0	20.83	20.82	20.66	22.0	0.0
40	3/2 BPSK	50	28	20.86	21.07	21.09	22.0	0.0
40	3/2 BPSK	50	58	20.84	20.83	20.94		
40	3/2 BPSK	100	0	20.83	20.86	20.80	22.0	0.0
40	QPSK	1	1	21.08	21.12	21.04		
40	QPSK	1	53	21.08	20.97	21.11	22.0	0.0
40	QPSK	1	104	20.87	20.87	20.74		
40	QPSK	50	0	20.90	20.93	20.91	22.0	0.0
40	QPSK	50	28	20.82	20.94	20.74	22.0	0.0
40	QPSK	50	58	20.57	20.61	20.80	22.0	0.0
40	QPSK	100	0	20.67	20.73	20.69		
40	16QAM	1	1	20.55	20.53	20.60	22.0	0.0
40	64QAM	1	1	20.69	20.83	20.83	22.0	0.0
40	256QAM	1	1	20.25	20.27	20.22	21.0	1.0
Channel				517002	519000	520998	Tune-up limit (dB)	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.91	20.94	21.00	22.0	0.0
Channel				516504	519000	521496	Tune-up limit (dB)	MPR
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.94	20.97	20.87	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dB)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.97	21.04	21.07	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dB)	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.02	21.11	21.04	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dB)	MPR
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.04	21.10	21.02	22.0	0.0

n41 Ant2 DSI3 Main PA-1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	20.80	20.68	20.99		
100	3/2 BPSK	1	137	20.80	21.05	20.92	22.0	0.0
100	3/2 BPSK	1	271	20.75	20.62	20.77		
100	3/2 BPSK	135	0	20.70	20.62	20.45	22.0	0.0
100	3/2 BPSK	135	69	20.81	21.06	21.05	22.0	0.0
100	3/2 BPSK	135	138	20.63	20.76	20.84		
100	3/2 BPSK	270	0	20.62	20.76	20.78	22.0	0.0
100	QPSK	1	1	21.06	21.12	21.00		
100	QPSK	1	137	20.92	20.80	21.10	22.0	0.0
100	QPSK	1	271	20.68	20.75	20.74		
100	QPSK	135	0	20.88	20.95	20.74	22.0	0.0
100	QPSK	135	69	20.82	21.07	20.69	22.0	0.0
100	QPSK	135	138	20.38	20.48	20.62	22.0	0.0
100	QPSK	270	0	20.63	20.99	20.53		
100	16QAM	1	1	20.43	20.47	20.39	22.0	0.0
100	64QAM	1	1	20.69	20.80	20.82	22.0	0.0
100	256QAM	1	1	20.01	20.13	20.01	21.0	1.0
Channel				508200	518598	528996	Tune-up limit (dB)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.95	21.10	20.83	22.0	0.0
Channel				507204	518598	529996	Tune-up limit (dB)	MPR
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.88	20.99	20.84	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dB)	MPR
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.08	21.01	20.92	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dB)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.86	21.02	21.02	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dB)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.98	21.10	20.85	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dB)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.06	20.58	21.05	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.87	20.94	20.89	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
25	QPSK	1	1	20.89	21.11	21.02	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dB)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.06	21.08	20.95	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.5	2592.99	2682.48		
15	QPSK	1	1	21.04	21.11	21.02	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.04	21.09	20.86	22.0	0.0

Reduced Power NSA Mode for DSI4

n7 Ant2 DSI4 Main PA-1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	24.28	24.32	24.34		
40	1/2 BPSK	1	108	24.29	24.27	24.20	25.5	0.0
40	1/2 BPSK	1	214	24.37	24.37	24.35		
40	1/2 BPSK	108	0	23.76	23.85	23.84	25.0	0.5
40	1/2 BPSK	108	54	24.32	24.41	24.36	25.5	0.0
40	1/2 BPSK	108	108	23.88	23.91	23.91	25.0	0.5
40	1/2 BPSK	216	0	23.83	23.89	23.81		
40	QPSK	1	1	24.38	24.44	24.40		
40	QPSK	1	108	24.34	24.37	24.40	25.5	0.0
40	QPSK	1	214	24.38	24.41	24.37		
40	QPSK	108	0	23.30	23.32	23.30	24.5	1.0
40	QPSK	108	54	24.36	24.37	24.34	25.5	0.0
40	QPSK	108	108	23.25	23.26	23.26	24.5	1.0
40	QPSK	216	0	23.39	23.41	23.33		
40	16QAM	1	1	23.19	23.18	23.14	24.5	1.0
40	64QAM	1	1	21.61	21.63	21.65	23.0	2.5
40	256QAM	1	1	19.74	19.72	19.68	21.0	4.5
Channel				503500	507000	510500	Tune-up limit (dB)	MPR
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	24.33	24.42	24.41	25.5	0.0
Channel				503000	507000	511000	Tune-up limit (dB)	MPR
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.35	24.38	24.34	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dB)	MPR
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.30	24.42	24.38	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dB)	MPR
Frequency (MHz)				2510	2535	2560		
20	1/2 BPSK	1	1	24.40	24.42	24.41	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dB)	MPR
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.37	24.38	24.43	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dB)	MPR
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.33	24.43	24.32	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dB)	MPR
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.30	24.36	24.35	25.5	0.0

n66 Ant2 DSI4 Main PA-1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	24.46	24.68	24.64		
40	1/2 BPSK	1	108	24.46	24.58	24.63	25.5	0.0
40	1/2 BPSK	1	214	24.52	24.66	24.57		
40	1/2 BPSK	108	0	24.07	24.27	24.14	25.0	0.5
40	1/2 BPSK	108	54	24.51	24.66	24.66	25.5	0.0
40	1/2 BPSK	108	108	24.05	24.17	24.18	25.0	0.5
40	1/2 BPSK	216	0	24.04	24.28	24.18		
40	QPSK	1	1	24.52	24.73	24.69		
40	QPSK	1	108	24.54	24.65	24.62	25.5	0.0
40	QPSK	1	214	24.52	24.68	24.65		
40	QPSK	108	0	23.57	23.66	23.66	24.5	1.0
40	QPSK	108	54	24.50	24.70	24.61	25.5	0.0
40	QPSK	108	108	23.58	23.68	23.64	24.5	1.0
40	QPSK	216	0	23.51	23.71	23.62		
40	16QAM	1	1	23.57	23.64	23.63	24.5	1.0
40	64QAM	1	1	22.05	22.24	22.23	23.0	2.5
40	256QAM	1	1	20.07	20.28	20.22	21.0	4.5
Channel				345500	349000	352500	Tune-up limit	MPR
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.53	24.67	24.65	0.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.46	24.69	24.66	25.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.48	24.66	24.62	25.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.52	24.66	24.66	25.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.50	24.65	24.63	25.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.50	24.69	24.71	25.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.46	24.69	24.62	25.5	0.0

n38 Ant2 DSI4 Main PA-1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	24.52	24.61	24.58		
40	1/2 BPSK	1	53	24.55	24.57	24.58	25.5	0.0
40	1/2 BPSK	1	104	24.40	24.45	24.47		
40	1/2 BPSK	50	0	23.87	23.92	23.85	25.0	0.5
40	1/2 BPSK	50	28	24.58	24.58	24.61	25.5	0.0
40	1/2 BPSK	50	58	24.29	24.31	24.23		
40	1/2 BPSK	100	0	23.84	23.88	23.90	25.0	0.5
40	QPSK	1	1	24.62	24.63	24.58		
40	QPSK	1	53	24.59	24.61	24.59	25.5	0.0
40	QPSK	1	104	24.36	24.42	24.40		
40	QPSK	50	0	23.54	23.59	23.62	24.5	1.0
40	QPSK	50	28	24.46	24.47	24.43	25.5	0.0
40	QPSK	50	58	24.25	24.29	24.31		
40	QPSK	100	0	23.31	23.36	23.34	24.5	1.0
40	16QAM	1	1	23.24	23.25	23.24	24.5	1.0
40	64QAM	1	1	21.79	21.82	21.82	23.0	2.5
40	256QAM	1	1	19.75	19.77	19.72	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dB)	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.55	24.58	24.54	25.5	0.0
Channel				516004	519000	521496	Tune-up limit (dB)	MPR
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	24.56	24.61	24.58	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dB)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.59	24.59	24.50	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dB)	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.53	24.58	24.54	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dB)	MPR
Frequency (MHz)				2574.02	2595	2614.98		
10	QPSK	1	1	24.57	24.63	24.53	25.5	0.0

n41 Ant2 DSI4 Main PA-1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	24.42	24.57	24.51		
100	1/2 BPSK	1	137	24.49	24.52	24.41	25.5	0.0
100	1/2 BPSK	1	271	24.31	24.61	24.47		
100	1/2 BPSK	135	0	23.93	24.11	24.01	25.0	0.5
100	1/2 BPSK	135	69	24.48	24.58	24.57	25.5	0.0
100	1/2 BPSK	135	138	23.94	24.14	24.00		
100	1/2 BPSK	270	0	24.03	24.17	24.03	25.0	0.5
100	QPSK	1	1	24.48	24.65	24.56		
100	QPSK	1	137	24.49	24.60	24.47	25.5	0.0
100	QPSK	1	271	24.40	24.62	24.54		
100	QPSK	135	0	23.47	23.60	23.61	24.5	1.0
100	QPSK	135	69	24.43	24.61	24.49	25.5	0.0
100	QPSK	135	138	23.47	23.58	23.60	24.5	1.0
100	QPSK	270	0	23.51	23.66	23.54		
100	16QAM	1	1	23.51	23.59	23.59	24.5	1.0
100	64QAM	1	1	21.94	22.07	22.11	23.0	2.5
100	256QAM	1	1	20.01	20.13	20.01	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dB)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.51	24.52	24.42	25.5	0.0
Channel				507204	518598	529996	Tune-up limit (dB)	MPR
Frequency (MHz)				2636.02	2592.99	2649.99		
80	QPSK	1	1	24.43	24.54	24.39	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dB)	MPR
Frequency (MHz)				2531.01	2592.99	2635		
70	QPSK	1	1	24.46	24.52	24.39	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dB)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.49	24.52	24.41	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dB)	MPR
Frequency (MHz)				2521.02	2592.99	2654.99		
50	QPSK	1	1	24.43	24.60	24.40	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dB)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.48	24.60	24.39	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.47	24.57	24.49	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
25	QPSK	1	1	24.46	24.57	24.44	0.0	0.0
Channel				501204	518598	535998	Tune-up limit (dB)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.48	24.57	24.44	25.5	0.0
Channel				500700	518598	536996	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.5	2592.99	2682.48		
15	QPSK	1	1	24.43	24.55	24.42	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.43	24.61	24.48	25.5	0.0

n7 Ant5 DSI4 Main PA-1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	21.00	20.99	20.92		
40	1/2 BPSK	1	108	20.89	20.92	20.85	22.0	0.0
40	1/2 BPSK	1	214	20.97	20.97	20.90		
40	1/2 BPSK	108	0	20.38	20.42	20.43	21.5	0.5
40	1/2 BPSK	108	54	20.95	20.94	20.97	22.0	0.0
40	1/2 BPSK	108	108	20.29	20.35	20.28	21.5	0.5
40	1/2 BPSK	216	0	20.38	20.38	20.38		
40	QPSK	1	1	20.92	21.01	20.96		
40	QPSK	1	108	20.81	20.85	20.83	22.0	0.0
40	QPSK	1	214	20.97	20.99	20.99		
40	QPSK	108	0	19.94	19.86	19.90	21.0	1.0
40	QPSK	108	54	20.90	20.94	20.88	22.0	0.0
40	QPSK	108	108	19.78	19.86	19.79	21.0	1.0
40	QPSK	216	0	19.86	19.93	19.90		
40	16QAM	1	1	19.69	19.69	19.69	21.0	1.0
40	64QAM	1	1	19.28	19.26	19.26	19.5	2.5
40	256QAM	1	1	16.30	16.37	16.33	17.5	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	20.69	20.98	20.97	22.0	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	20.88	20.98	20.89	22.0	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	20.92	20.95	20.90	22.0	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	1/2 BPSK	1	1	20.93	20.93	20.94	22.0	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	20.94	20.98	20.98	22.0	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	20.91	20.95	20.94	22.0	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	20.88	20.93	20.96	22.0	0.0

n66 Ant5 DSI4 Main PA-1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	21.86	21.95	21.92		
40	1/2 BPSK	1	108	21.87	21.90	21.87	22.5	0.0
40	1/2 BPSK	1	214	21.82	21.98	21.91		
40	1/2 BPSK	108	0	21.36	21.46	21.47	22.0	0.5
40	1/2 BPSK	108	54	21.87	21.94	21.86	22.5	0.0
40	1/2 BPSK	108	108	21.39	21.52	21.44	22.0	0.5
40	1/2 BPSK	216	0	21.38	21.48	21.47		
40	QPSK	1	1	21.89	22.02	21.95		
40	QPSK	1	108	21.87	21.94	21.88	22.5	0.0
40	QPSK	1	214	21.87	21.95	21.89		
40	QPSK	108	0	20.86	20.98	20.97	21.5	1.0
40	QPSK	108	54	21.83	21.96	21.92	22.5	0.0
40	QPSK	108	108	20.92	20.99	20.93	21.5	1.0
40	QPSK	216	0	20.92	21.01	20.97		
40	16QAM	1	1	20.85	20.96	21.00	21.5	1.0
40	64QAM	1	1	19.41	19.54	19.40	20.0	2.5
40	256QAM	1	1	17.42	17.51	17.41	18.0	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	21.62	21.95	21.86	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	21.82	22.00	21.90	22.5	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	21.89	21.99	21.87	22.5	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	21.91	22.01	21.94	22.5	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	21.84	21.95	21.89	22.5	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	21.69	21.97	21.86	22.5	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	21.81	21.95	21.92	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	20.83	20.91	20.85		
40	3/2 BPSK	1	53	20.87	20.89	20.83	22.0	0.0
40	3/2 BPSK	1	104	20.95	20.94	20.92		
40	3/2 BPSK	50	0	20.41	20.41	20.41	21.5	0.5
40	3/2 BPSK	50	28	20.84	20.85	20.78	22.0	0.0
40	3/2 BPSK	50	58	20.39	20.38	20.31		
40	3/2 BPSK	100	0	20.27	20.33	20.32	21.5	0.5
40	QPSK	1	1	20.95	20.99	20.98		
40	QPSK	1	53	20.63	20.67	20.63	22.0	0.0
40	QPSK	1	104	20.49	20.54	20.48		
40	QPSK	50	0	19.89	19.74	19.76	21.0	1.0
40	QPSK	50	28	20.80	20.83	20.82	22.0	0.0
40	QPSK	50	58	19.52	19.53	19.57		
40	QPSK	100	0	19.80	19.85	19.81	21.0	1.0
40	16QAM	1	1	19.75	19.73	19.66	21.0	1.0
40	64QAM	1	1	18.31	18.29	18.21	19.5	2.5
40	256QAM	1	1	16.30	16.28	16.20	17.5	4.5
Channel				517002	519000	520998	Tune-up limit (dB)	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.89	20.93	20.98	22.0	0.0
Channel				516004	519000	521496	Tune-up limit (dB)	MPR
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.91	20.96	20.91	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dB)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.93	20.90	20.96	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dB)	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.91	20.97	20.91	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dB)	MPR
Frequency (MHz)				2572.02	2595	2614.99		
10	QPSK	1	1	20.92	20.96	20.91	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	20.92	20.94	20.93		
100	3/2 BPSK	1	137	20.81	20.91	21.00	22.0	0.0
100	3/2 BPSK	1	271	20.84	20.94	20.80		
100	3/2 BPSK	135	0	20.41	20.49	20.43	21.5	0.5
100	3/2 BPSK	135	69	20.93	20.98	20.96	22.0	0.0
100	3/2 BPSK	135	138	20.38	20.55	20.41		
100	3/2 BPSK	270	0	20.44	20.48	20.43	21.5	0.5
100	QPSK	1	1	20.93	21.01	20.95		
100	QPSK	1	137	20.90	20.93	20.97	22.0	0.0
100	QPSK	1	271	20.84	20.94	20.86		
100	QPSK	135	0	19.96	19.99	19.90	21.0	1.0
100	QPSK	135	69	20.90	20.94	20.93	22.0	0.0
100	QPSK	135	138	19.93	19.97	20.00	21.0	1.0
100	QPSK	270	0	19.92	20.02	19.94		
100	16QAM	1	1	19.93	20.00	19.91	21.0	1.0
100	64QAM	1	1	18.42	18.52	18.48	19.5	2.5
100	256QAM	1	1	16.42	16.52	16.41	17.5	4.5
Channel				508200	518598	528996	Tune-up limit (dB)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.89	20.97	20.95	22.0	0.0
Channel				507204	518598	529996	Tune-up limit (dB)	MPR
Frequency (MHz)				2636.02	2592.99	2649.99		
80	QPSK	1	1	20.85	20.98	20.88	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dB)	MPR
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.95	20.94	20.90	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dB)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.86	20.95	20.98	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dB)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.90	20.97	20.92	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dB)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.88	20.98	20.96	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.87	20.93	20.93	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
25	QPSK	1	1	20.93	20.93	20.87	0.0	0.0
Channel				501204	518598	535998	Tune-up limit (dB)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.84	20.93	20.97	22.0	0.0
Channel				500700	518598	536996	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.5	2592.99	2682.48		
15	QPSK	1	1	20.96	20.97	20.88	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.90	20.97	20.95	22.0	0.0

Reduced Power NSA Mode for DSI5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	16.33	16.30	16.32		
40	1/2 BPSK	1	108	16.23	16.31	16.15	17.5	0.0
40	1/2 BPSK	1	214	16.39	16.35	16.40		
40	1/2 BPSK	108	0	16.21	16.35	16.32	17.5	0.0
40	1/2 BPSK	108	54	16.30	16.41	16.33	17.5	0.0
40	1/2 BPSK	108	108	16.39	16.45	16.45	17.5	0.0
40	1/2 BPSK	216	0	16.35	16.34	16.36		
40	QPSK	1	1	16.43	16.49	16.37		
40	QPSK	1	108	16.39	16.37	16.37	17.5	0.0
40	QPSK	1	214	16.40	16.40	16.34		
40	QPSK	108	0	16.26	16.29	16.29	17.5	0.0
40	QPSK	108	54	16.37	16.39	16.38	17.5	0.0
40	QPSK	108	108	16.21	16.30	16.26		
40	QPSK	216	0	16.38	16.43	16.29	17.5	0.0
40	16QAM	1	1	16.23	16.23	16.18	17.5	0.0
40	64QAM	1	1	16.11	16.18	16.17	17.5	0.0
40	256QAM	1	1	16.20	16.21	16.20	17.5	0.0
Channel				503500	507000	510500	Tune-up limit (dB)	MPR
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	16.32	16.44	16.40	17.5	0.0
Channel				503000	507000	511000	Tune-up limit (dB)	MPR
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.28	16.39	16.36	17.5	0.0
Channel				502500	507000	511500	Tune-up limit (dB)	MPR
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.36	16.48	16.47	17.5	0.0
Channel				502000	507000	512000	Tune-up limit (dB)	MPR
Frequency (MHz)				2510	2535	2560		
20	1/2 BPSK	1	1	16.29	16.43	16.40	17.5	0.0
Channel				501500	507000	512500	Tune-up limit (dB)	MPR
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.34	16.40	16.38	17.5	0.0
Channel				501000	507000	513000	Tune-up limit (dB)	MPR
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.35	16.44	16.39	17.5	0.0
Channel				500500	507000	513500	Tune-up limit (dB)	MPR
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.37	16.41	16.45	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	19.06	19.18	19.12		
40	1/2 BPSK	1	108	19.04	19.13	19.05	20.0	0.0
40	1/2 BPSK	1	214	19.03	19.18	19.10		
40	1/2 BPSK	108	0	19.11	19.15	19.06	20.0	0.0
40	1/2 BPSK	108	54	19.05	19.14	19.14	20.0	0.0
40	1/2 BPSK	108	108	19.10	19.13	19.17	20.0	0.0
40	1/2 BPSK	216	0	19.01	19.20	19.12		
40	QPSK	1	1	19.19	19.24	19.21		
40	QPSK	1	108	19.09	19.11	19.15	20.0	0.0
40	QPSK	1	214	19.07	19.21	19.14		
40	QPSK	108	0	19.09	19.15	19.12	20.0	0.0
40	QPSK	108	54	19.05	19.17	19.10	20.0	0.0
40	QPSK	108	108	19.10	19.16	19.08	20.0	0.0
40	QPSK	216	0	19.13	19.20	19.11		
40	16QAM	1	1	19.06	19.16	19.16	20.0	0.0
40	64QAM	1	1	19.01	19.19	19.18	20.0	0.0
40	256QAM	1	1	19.02	19.14	19.13	20.0	0.0
Channel				345500	349000	352500	Tune-up limit (dB)	MPR
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	19.02	19.12	19.17	0.0	0.0
Channel				345000	349000	353000	Tune-up limit (dB)	MPR
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.03	19.11	19.12	20.0	0.0
Channel				344500	349000	353500	Tune-up limit (dB)	MPR
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.01	19.12	19.17	20.0	0.0
Channel				344000	349000	354000	Tune-up limit (dB)	MPR
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.00	19.12	19.19	20.0	0.0
Channel				343500	349000	354500	Tune-up limit (dB)	MPR
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.07	19.20	19.10	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dB)	MPR
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.00	19.22	19.17	20.0	0.0
Channel				342500	349000	355500	Tune-up limit (dB)	MPR
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.01	19.20	19.14	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	16.46	16.57	16.55		
40	3/2 BPSK	1	53	16.57	16.58	16.57	17.5	0.0
40	3/2 BPSK	1	104	16.38	16.50	16.50		
40	3/2 BPSK	50	0	16.37	16.39	16.32	17.5	0.0
40	3/2 BPSK	50	28	16.53	16.60	16.56	17.5	0.0
40	3/2 BPSK	50	56	16.33	16.57	16.55		
40	3/2 BPSK	100	0	16.32	16.41	16.39	17.5	0.0
40	QPSK	1	1	16.56	16.65	16.59		
40	QPSK	1	53	16.64	16.59	16.60	17.5	0.0
40	QPSK	1	104	16.41	16.43	16.42		
40	QPSK	50	0	16.43	16.51	16.42	17.5	0.0
40	QPSK	50	28	16.57	16.59	16.54	17.5	0.0
40	QPSK	50	56	16.56	16.58	16.58		
40	QPSK	100	0	16.37	16.49	16.31	17.5	0.0
40	16QAM	1	1	16.24	16.29	16.29	17.5	0.0
40	64QAM	1	1	16.24	16.29	16.27	17.5	0.0
40	256QAM	1	1	16.21	16.24	16.24	17.5	0.0
Channel				517002	519000	520998	Tune-up limit (dB)	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.53	16.60	16.55	17.5	0.0
Channel				516004	519000	521496	Tune-up limit (dB)	MPR
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	16.54	16.57	16.58	17.5	0.0
Channel				516000	519000	522000	Tune-up limit (dB)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.54	16.59	16.53	17.5	0.0
Channel				515502	519000	522498	Tune-up limit (dB)	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.56	16.55	16.48	17.5	0.0
Channel				515004	519000	522996	Tune-up limit (dB)	MPR
Frequency (MHz)				2572.02	2595	2614.96		
10	QPSK	1	1	16.53	16.54	16.50	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	16.47	16.59	16.46		
100	3/2 BPSK	1	137	16.51	16.56	16.44	17.5	0.0
100	3/2 BPSK	1	271	16.30	16.55	16.43		
100	3/2 BPSK	135	0	16.43	16.60	16.50	17.5	0.0
100	3/2 BPSK	135	69	16.47	16.53	16.54	17.5	0.0
100	3/2 BPSK	135	138	16.48	16.59	16.53		
100	3/2 BPSK	270	0	16.48	16.64	16.47	17.5	0.0
100	QPSK	1	1	16.49	16.68	16.54		
100	QPSK	1	137	16.46	16.59	16.47	17.5	0.0
100	QPSK	1	271	16.45	16.59	16.50		
100	QPSK	135	0	16.49	16.58	16.50	17.5	0.0
100	QPSK	135	69	16.45	16.60	16.46	17.5	0.0
100	QPSK	135	138	16.53	16.57	16.55	17.5	0.0
100	QPSK	270	0	16.52	16.59	16.50		
100	16QAM	1	1	16.52	16.59	16.53	17.5	0.0
100	64QAM	1	1	16.44	16.54	16.52	17.5	0.0
100	256QAM	1	1	16.49	16.58	16.54	17.5	0.0
Channel				508200	518598	528996	Tune-up limit (dB)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.50	16.57	16.41	17.5	0.0
Channel				507204	518598	529996	Tune-up limit (dB)	MPR
Frequency (MHz)				2636.02	2592.99	2649.99		
80	QPSK	1	1	16.55	16.51	16.40	17.5	0.0
Channel				506202	518598	531000	Tune-up limit (dB)	MPR
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.49	16.51	16.36	17.5	0.0
Channel				505200	518598	531996	Tune-up limit (dB)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.53	16.48	16.38	17.5	0.0
Channel				504204	518598	532998	Tune-up limit (dB)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.55	16.49	16.45	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dB)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.56	16.48	16.37	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.48	16.51	16.47	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
25	QPSK	1	1	16.54	16.51	16.37	0.0	0.0
Channel				501204	518598	535998	Tune-up limit (dB)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.54	16.47	16.38	17.5	0.0
Channel				500700	518598	536496	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.5	2592.99	2682.46		
15	QPSK	1	1	16.54	16.56	16.43	17.5	0.0
Channel				500202	518598	537000	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.51	16.47	16.37	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	19.51	19.53	19.48		
40	3/2 BPSK	1	108	19.37	19.38	19.35	20.5	0.0
40	3/2 BPSK	1	214	19.48	19.53	19.37		
40	3/2 BPSK	108	0	19.35	19.39	19.47	20.5	0.0
40	3/2 BPSK	108	54	19.42	19.47	19.43	20.5	0.0
40	3/2 BPSK	108	108	19.29	19.36	19.22		
40	3/2 BPSK	216	0	19.35	19.39	19.40	20.5	0.0
40	QPSK	1	1	19.41	19.57	19.51		
40	QPSK	1	108	19.29	19.34	19.38	20.5	0.0
40	QPSK	1	214	19.50	19.53	19.53		
40	QPSK	108	0	19.31	19.37	19.34	20.5	0.0
40	QPSK	108	54	19.41	19.48	19.42	20.5	0.0
40	QPSK	108	108	19.28	19.32	19.23	20.5	0.0
40	QPSK	216	0	19.36	19.42	19.38	20.5	0.0
40	16QAM	1	1	19.16	19.18	19.16	20.5	0.0
40	64QAM	1	1	18.28	18.26	18.26	19.5	1.0
40	256QAM	1	1	16.30	16.37	16.33	17.5	3.0
Channel				503500	507000	510500	Tune-up limit	MPR
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	19.42	19.46	19.53	20.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.43	19.43	19.50	20.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.36	19.41	19.43	20.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560		
20	3/2 BPSK	1	1	19.35	19.45	19.45	20.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.40	19.40	19.42	20.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.41	19.38	19.46	20.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.40	19.43	19.54	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	21.86	21.95	21.92		
40	3/2 BPSK	1	108	21.87	21.90	21.87	22.5	0.0
40	3/2 BPSK	1	214	21.82	21.98	21.91		
40	3/2 BPSK	108	0	21.36	21.46	21.47	22.0	0.5
40	3/2 BPSK	108	54	21.87	21.94	21.86	22.5	0.0
40	3/2 BPSK	108	108	21.39	21.52	21.44		
40	3/2 BPSK	216	0	21.38	21.48	21.47	22.0	0.5
40	QPSK	1	1	21.89	22.02	21.95		
40	QPSK	1	108	21.87	21.94	21.88	22.5	0.0
40	QPSK	1	214	21.87	21.95	21.89		
40	QPSK	108	0	20.86	20.98	20.97	21.5	1.0
40	QPSK	108	54	21.83	21.96	21.92	22.5	0.0
40	QPSK	108	108	20.92	20.99	20.93	21.5	1.0
40	QPSK	216	0	20.92	21.01	20.97		
40	16QAM	1	1	20.85	20.96	21.00	21.5	1.0
40	64QAM	1	1	19.41	19.54	19.40	20.0	2.5
40	256QAM	1	1	17.42	17.51	17.41	18.0	4.5
Channel				345500	349000	352500	Tune-up limit	MPR
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.82	21.96	21.89	0.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.82	22.00	21.90	22.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.89	21.99	21.87	22.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.91	22.01	21.94	22.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.84	21.95	21.89	22.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.89	21.97	21.88	22.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.81	21.95	21.92	22.5	0.0

n38 Ant5 DSI5 Main PA-1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2592.02	2595	2599.98		
40	1/2 BPSK	1	1	19.27	19.38	19.31		
40	1/2 BPSK	1	53	19.35	19.44	19.32	20.5	0.0
40	1/2 BPSK	1	104	19.44	19.46	19.46		
40	1/2 BPSK	50	0	19.42	19.40	19.38	20.5	0.0
40	1/2 BPSK	50	28	19.29	19.30	19.27	20.5	0.0
40	1/2 BPSK	50	56	19.34	19.38	19.32		
40	1/2 BPSK	100	0	19.29	19.39	19.30	20.5	0.0
40	QPSK	1	1	19.46	19.47	19.44		
40	QPSK	1	53	19.11	19.18	19.12	20.5	0.0
40	QPSK	1	104	19.04	19.07	18.96		
40	QPSK	50	0	19.14	19.22	19.22	20.5	0.0
40	QPSK	50	28	19.35	19.36	19.30	20.5	0.0
40	QPSK	50	56	19.07	19.04	19.11		
40	QPSK	100	0	19.24	19.34	19.29	20.5	0.0
40	16QAM	1	1	19.30	19.21	19.17	20.5	0.0
40	64QAM	1	1	18.31	18.29	18.21	19.5	1.0
40	256QAM	1	1	16.30	16.28	16.20	17.5	3.0
Channel				517002	519000	520998	Tune-up limit (dB)	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.41	19.46	19.42	20.5	0.0
Channel				516504	519000	521496	Tune-up limit (dB)	MPR
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.42	19.41	19.42	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dB)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.43	19.39	19.45	20.5	0.0
Channel				515502	519000	522498	Tune-up limit (dB)	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.42	19.42	19.41	20.5	0.0
Channel				515004	519000	522996	Tune-up limit (dB)	MPR
Frequency (MHz)				2574.02	2595	2614.96		
10	QPSK	1	1	19.37	19.43	19.43	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	19.47	19.41	19.40		
100	1/2 BPSK	1	137	19.26	19.44	19.48	20.5	0.0
100	1/2 BPSK	1	271	19.36	19.39	19.34		
100	1/2 BPSK	135	0	19.41	19.48	19.38	20.5	0.0
100	1/2 BPSK	135	69	19.39	19.48	19.47	20.5	0.0
100	1/2 BPSK	135	138	19.36	19.44	19.38		
100	1/2 BPSK	270	0	19.39	19.48	19.42	20.5	0.0
100	QPSK	1	1	19.45	19.51	19.44		
100	QPSK	1	137	19.43	19.41	19.42	20.5	0.0
100	QPSK	1	271	19.37	19.41	19.33		
100	QPSK	135	0	19.43	19.45	19.34	20.5	0.0
100	QPSK	135	69	19.42	19.49	19.40	20.5	0.0
100	QPSK	135	138	19.42	19.44	19.46	20.5	0.0
100	QPSK	270	0	19.45	19.49	19.48		
100	16QAM	1	1	19.48	19.48	19.36	20.5	0.0
100	64QAM	1	1	18.42	18.52	18.48	19.5	1.0
100	256QAM	1	1	16.42	16.52	16.41	17.5	3.0
Channel				508200	518598	528996	Tune-up limit (dB)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.34	19.48	19.49	20.5	0.0
Channel				507204	518598	529996	Tune-up limit (dB)	MPR
Frequency (MHz)				2636.02	2592.99	2649.99		
80	QPSK	1	1	19.36	19.48	19.41	20.5	0.0
Channel				506202	518598	531000	Tune-up limit (dB)	MPR
Frequency (MHz)				2631.01	2592.99	2635		
70	QPSK	1	1	19.39	19.42	19.47	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dB)	MPR
Frequency (MHz)				2626	2592.99	2659.98		
60	QPSK	1	1	19.38	19.48	19.42	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dB)	MPR
Frequency (MHz)				2621.02	2592.99	2654.99		
50	QPSK	1	1	19.37	19.49	19.41	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dB)	MPR
Frequency (MHz)				2616.01	2592.99	2670		
40	QPSK	1	1	19.38	19.44	19.41	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2611	2592.99	2674.98		
30	QPSK	1	1	19.34	19.45	19.44	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2611	2592.99	2674.98		
25	QPSK	1	1	19.44	19.47	19.42	0.0	0.0
Channel				501204	518598	535998	Tune-up limit (dB)	MPR
Frequency (MHz)				2606.02	2592.99	2679.99		
20	QPSK	1	1	19.38	19.45	19.45	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dB)	MPR
Frequency (MHz)				2601.5	2592.99	2672.48		
15	QPSK	1	1	19.39	19.41	19.40	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.35	19.47	19.48	20.5	0.0

Full&Default Power SA Mode

n5 Ant0 Default Main PA									
BW (MHz)	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	1/2 BPSK	1	1	24.39	24.42	24.37			
20	1/2 BPSK	1	53	24.25	24.28	24.13	25.5	0.0	
20	1/2 BPSK	1	104	24.02	24.19	24.03			
20	1/2 BPSK	50	0	23.67	23.77	23.66	25.0	0.5	
20	1/2 BPSK	50	28	23.98	24.14	23.97	25.5	0.0	
20	1/2 BPSK	50	56	23.52	23.65	23.58	25.0	0.5	
20	1/2 BPSK	100	0	23.67	23.83	23.68			
20	QPSK	1	1	24.43	24.45	24.41			
20	QPSK	1	53	24.30	24.33	24.29	25.5	0.0	
20	QPSK	1	104	24.15	24.27	24.14			
20	QPSK	50	0	23.10	23.22	23.06	24.5	1.0	
20	QPSK	50	28	24.26	24.37	24.25	25.5	0.0	
20	QPSK	50	56	23.07	23.14	22.99	24.5	1.0	
20	QPSK	100	0	23.37	23.39	23.23			
20	16QAM	1	1	23.30	23.36	23.30	24.5	1.0	
20	64QAM	1	1	21.76	21.87	21.78	23.0	2.5	
20	256QAM	1	1	19.58	19.75	19.66	21.0	4.5	
Channel				166300	167300	168300	Tune-up	MPR	
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)	
15	QPSK	1	1	24.33	24.39	24.23	25.5	0.0	
Channel				165800	167300	168800	Tune-up	MPR	
Frequency (MHz)				829	836.5	844	limit	(dB)	
10	QPSK	1	1	24.30	24.29	24.24	25.5	0.0	
Channel				165300	167300	169300	Tune-up	MPR	
Frequency (MHz)				826.5	836.5	846.5	limit	(dB)	
5	QPSK	1	1	24.31	24.28	24.34	25.5	0.0	

n5 Ant1 Default Main PA								
BW (MHz)	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	1/2 BPSK	1	1	24.39	24.41	24.25	25.5	0.0
20	1/2 BPSK	1	53	24.19	24.30	24.19		
20	1/2 BPSK	1	104	24.06	24.17	24.01		
20	1/2 BPSK	50	0	23.60	23.75	23.70	25.0	0.5
20	1/2 BPSK	50	28	24.23	24.27	24.22	25.5	0.0
20	1/2 BPSK	50	56	23.51	23.58	23.56	25.0	0.5
20	1/2 BPSK	100	0	23.80	23.83	23.68		
20	QPSK	1	1	24.40	24.43	24.38	25.5	0.0
20	QPSK	1	53	24.15	24.22	24.16		
20	QPSK	1	104	24.05	24.16	24.00		
20	QPSK	50	0	23.14	23.21	23.08	24.5	1.0
20	QPSK	50	28	24.25	24.37	24.26	25.5	0.0
20	QPSK	50	56	23.05	23.11	22.99	24.5	1.0
20	QPSK	100	0	23.37	23.45	23.29		
20	16QAM	1	1	23.24	23.40	23.37	24.5	1.0
20	64QAM	1	1	21.71	21.82	21.73	23.0	2.5
20	256QAM	1	1	19.67	19.73	19.65	21.0	4.5
Channel				166300	167300	168300	Tune-up	MPR
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)
15	QPSK	1	1	24.38	24.38	24.25	25.5	0.0
Channel				165800	167300	168800	Tune-up	MPR
Frequency (MHz)				829	836.5	844	limit	(dB)
10	QPSK	1	1	24.25	24.27	24.25	25.5	0.0
Channel				165300	167300	169300	Tune-up	MPR
Frequency (MHz)				826.5	836.5	846.5	limit	(dB)
5	QPSK	1	1	24.33	24.37	24.25	25.5	0.0

n48 Part96 Ant1 Default Main PA

BW [MHz]	Modulat on	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	23.42	23.45	23.27		
40	1/2 BPSK	1	53	23.30	23.41	23.24	24.5	0.0
40	1/2 BPSK	1	104	23.40	23.48	23.44		
40	1/2 BPSK	50	0	22.94	23.02	22.95	24.0	0.5
40	1/2 BPSK	50	28	23.36	23.47	23.35	24.5	0.0
40	1/2 BPSK	50	56	22.94	22.99	22.89		
40	1/2 BPSK	100	0	22.78	22.94	22.86	24.0	0.5
40	QPSK	1	1	23.42	23.49	23.47		
40	QPSK	1	53	23.30	23.36	23.26	24.5	0.0
40	QPSK	1	104	23.38	23.45	23.30		
40	QPSK	50	0	22.26	22.42	22.32	23.5	1.0
40	QPSK	50	28	23.29	23.47	23.35	24.5	0.0
40	QPSK	50	56	22.28	22.45	22.33		
40	QPSK	100	0	22.44	22.46	22.30	23.5	1.0
40	16QAM	1	1	22.16	22.34	22.29	23.5	1.0
40	16QAM	1	1	20.82	20.84	20.70	22.0	2.5
40	256QAM	1	1	18.99	19.02	18.88	20.0	4.5
	Channel			637668	641666	645666	Tune-up limit (dB)	MPR
	Frequency (MHz)			3565.02	3624.99	3684.99	limit	
30	QPSK	1	1	23.39	23.32	23.39	24.5	0.0
	Channel			637334	641666	646000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3560.01	3624.99	3690	limit	
20	QPSK	1	1	23.33	23.41	23.36	24.5	0.0
	Channel			637168	641666	646166	Tune-up limit (dB)	MPR
	Frequency (MHz)			3557.52	3624.99	3692.49	limit	
15	QPSK	1	1	23.29	23.40	23.45	24.5	0.0
	Channel			637000	641666	646332	Tune-up limit (dB)	MPR
	Frequency (MHz)			3555	3624.99	3694.98	limit	
10	QPSK	1	1	23.33	23.31	23.35	24.5	0.0

Part270 n77 Ant1 Default Main PA

BW [MHz]	Modulat on	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	23.70	23.96	23.94		
100	1/2 BPSK	1	137	23.74	23.98	23.91	24.5	0.0
100	1/2 BPSK	1	271	23.84	24.01	24.00		
100	1/2 BPSK	135	0	23.86	24.04	24.01	24.5	0.0
100	1/2 BPSK	135	69	23.94	24.03	24.02	24.5	0.0
100	1/2 BPSK	135	138	23.81	24.02	24.03	24.5	0.0
100	1/2 BPSK	270	0	23.89	23.99	23.92		
100	QPSK	1	1	23.87	24.06	24.03		
100	QPSK	1	137	23.76	23.99	23.92	24.5	0.0
100	QPSK	1	271	23.75	24.05	24.01		
100	QPSK	135	0	23.82	24.02	23.98	24.5	0.0
100	QPSK	135	69	23.73	24.03	23.98	24.5	0.0
100	QPSK	135	138	23.87	24.02	23.98	24.5	0.0
100	QPSK	270	0	23.87	24.01	23.96		
100	16QAM	1	1	23.68	23.88	23.81	24.5	0.0
100	16QAM	1	1	23.17	23.37	23.34	24.0	0.5
100	256QAM	1	1	21.15	21.31	21.20	22.0	2.5
	Channel			649668	656000	662334	Tune-up limit (dB)	MPR
	Frequency (MHz)			3745.02	3840	3935.01	limit	
90	QPSK	1	1	23.81	23.90	23.86	24.5	0.0
	Channel			649334	656000	662668	Tune-up limit (dB)	MPR
	Frequency (MHz)			3740.01	3840	3940.02	limit	
80	QPSK	1	1	23.71	23.92	24.00	24.5	0.0
	Channel			649000	656000	663000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3735	3840	3945	limit	
70	QPSK	1	1	23.73	23.98	23.94	24.5	0.0
	Channel			648668	656000	663334	Tune-up limit (dB)	MPR
	Frequency (MHz)			3730.02	3840	3950.01	limit	
60	QPSK	1	1	23.73	23.99	23.97	24.5	0.0
	Channel			648334	656000	663668	Tune-up limit (dB)	MPR
	Frequency (MHz)			3725.01	3910	3955.02	limit	
50	QPSK	1	1	23.63	23.97	23.96	24.5	0.0
	Channel			648000	656000	664000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3720	3840	3960	limit	
40	QPSK	1	1	23.80	23.88	23.87	24.5	0.0
	Channel			647668	656000	664334	Tune-up limit (dB)	MPR
	Frequency (MHz)			3715.02	3840	3965.01	limit	
30	QPSK	1	1	23.75	23.98	23.99	24.5	0.0
	Channel			647500	656000	664500	Tune-up limit (dB)	MPR
	Frequency (MHz)			3712.5	3840	3967.5	limit	
25	QPSK	1	1	23.70	23.96	23.93	24.5	0.0
	Channel			647334	656000	664668	Tune-up limit (dB)	MPR
	Frequency (MHz)			3710.01	3840	3970.02	limit	
20	QPSK	1	1	23.82	24.01	23.91	24.5	0.0
	Channel			647168	656000	664834	Tune-up limit (dB)	MPR
	Frequency (MHz)			3707.52	3840	3972.51	limit	
15	QPSK	1	1	23.63	23.97	23.94	24.5	0.0
	Channel			647000	656000	665000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3705	3840	3975	limit	
10	QPSK	1	1	23.75	24.01	23.97	24.5	0.0

Part270 n77 PC2 Ant1 Default Main PA

BW [MHz]	Modulat on	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	25.77	25.93	25.83		
100	1/2 BPSK	1	137	25.91	26.05	26.00	26.5	0.0
100	1/2 BPSK	1	271	25.75	25.93	25.95		
100	1/2 BPSK	135	0	25.43	25.55	25.43	26.0	0.5
100	1/2 BPSK	135	69	25.87	26.04	25.87	26.5	0.0
100	1/2 BPSK	135	138	25.44	25.55	25.45	26.0	0.5
100	1/2 BPSK	270	0	25.43	25.53	25.55		
100	QPSK	1	1	25.89	26.06	26.04		
100	QPSK	1	137	25.88	26.01	26.00	26.5	0.0
100	QPSK	1	271	25.85	25.98	25.95		
100	QPSK	135	0	24.91	24.98	25.01	25.5	1.0
100	QPSK	135	69	25.81	26.02	25.90	26.5	0.0
100	QPSK	135	138	24.95	25.11	25.05	25.5	1.0
100	QPSK	270	0	25.03	25.11	25.09		
100	16QAM	1	1	24.76	24.87	24.76	25.5	1.0
100	16QAM	1	1	22.46	22.64	22.64	24.0	2.5
100	256QAM	1	1	20.55	20.63	20.62	22.0	4.5
	Channel			649668	656000	662334	Tune-up limit (dB)	MPR
	Frequency (MHz)			3745.02	3840	3935.01	limit	
90	QPSK	1	1	25.84	25.90	26.02	26.5	0.0
	Channel			649334	656000	662668	Tune-up limit (dB)	MPR
	Frequency (MHz)			3740.01	3840	3940.02	limit	
80	QPSK	1	1	25.84	25.94	25.92	26.5	0.0
	Channel			649000	656000	663000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3735	3840	3945	limit	
70	QPSK	1	1	25.72	26.02	25.97	26.5	0.0
	Channel			648668	656000	663334	Tune-up limit (dB)	MPR
	Frequency (MHz)			3730.02	3840	3950.01	limit	
60	QPSK	1	1	25.81	25.99	26.01	26.5	0.0
	Channel			648334	656000	663668	Tune-up limit (dB)	MPR
	Frequency (MHz)			3725.01	3840	3955.02	limit	
50	QPSK	1	1	25.75	25.95	25.98	26.5	0.0
	Channel			648000	656000	664000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3720	3840	3960	limit	
40	QPSK	1	1	25.79	26.02	25.91	26.5	0.0
	Channel			647668	656000	664334	Tune-up limit (dB)	MPR
	Frequency (MHz)			3715.02	3840	3965.01	limit	
30	QPSK	1	1	25.77	25.93	25.98	26.5	0.0
	Channel			647500	656000	664500	Tune-up limit (dB)	MPR
	Frequency (MHz)			3712.5	3840	3967.5	limit	
25	QPSK	1	1	25.77	25.92	25.95	26.5	0.0
	Channel			647334	656000	664668	Tune-up limit (dB)	MPR
	Frequency (MHz)			3710.01	3840	3970.02	limit	
20	QPSK	1	1	25.85	25.91	26.00	26.5	0.0
	Channel			647168	656000	664834	Tune-up limit (dB)	MPR
	Frequency (MHz)			3707.52	3840	3972.51	limit	
15	QPSK	1	1	25.68	25.02	25.94	26.5	0.0
	Channel			647000	656000	665000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3705	3840	3975	limit	
10	QPSK	1	1	25.78	25.92	25.99	26.5	0.0

Part27Q n77 Ant1 Default Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		23.85			
100	1/2 BPSK	1	137		23.95			
100	1/2 BPSK	1	271		23.85		24.5	0.0
100	1/2 BPSK	135	0		24.01		24.5	0.0
100	1/2 BPSK	135	69		23.90		24.5	0.0
100	1/2 BPSK	135	138		23.89		24.5	0.0
100	1/2 BPSK	270	0		23.92			
100	QPSK	1	1		24.03			
100	QPSK	1	137		23.85		24.5	0.0
100	QPSK	1	271		23.96			
100	QPSK	135	0		23.87		24.5	0.0
100	QPSK	135	69		23.97		24.5	0.0
100	QPSK	135	138		23.87			
100	QPSK	270	0		23.95		24.5	0.0
100	16QAM	1	1		23.80		24.5	0.0
100	64QAM	1	1		23.31		24.0	0.5
100	256QAM	1	1		21.14		22.0	2.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	23.87	23.96	23.96	24.5	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	23.84	23.97	23.96	24.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	23.83	24.00	23.85	24.5	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	23.94	23.93	24.00	24.5	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	23.93	23.89	23.50	24.5	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	23.90	24.00	23.96	24.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	23.90	23.98	23.95	24.5	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	23.82	23.94	23.81	24.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	23.79	23.93	23.94	24.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	23.81	23.99	23.93	24.5	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	23.94	24.02	23.96	24.5	0.0

Part27Q n77 PC2 Ant1 Default Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		25.77			
100	1/2 BPSK	1	137		25.92			
100	1/2 BPSK	1	271		25.91		26.5	0.0
100	1/2 BPSK	135	0		25.41		26.0	0.5
100	1/2 BPSK	135	69		25.89		26.5	0.0
100	1/2 BPSK	135	138		25.45		26.0	0.5
100	1/2 BPSK	270	0		25.45			
100	QPSK	1	1		25.95			
100	QPSK	1	137		25.94		26.5	0.0
100	QPSK	1	271		25.84			
100	QPSK	135	0		24.89		25.5	1.0
100	QPSK	135	69		25.92		26.5	0.0
100	QPSK	135	138		24.96			
100	QPSK	270	0		24.94		25.5	1.0
100	16QAM	1	1		24.73		25.5	1.0
100	64QAM	1	1		22.61		24.0	2.5
100	256QAM	1	1		20.92		22.0	4.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	25.85	25.83	25.89	26.5	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	25.85	25.84	25.83	26.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	25.70	26.92	25.88	26.5	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	25.78	25.92	25.80	26.5	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	25.82	25.91	25.91	26.5	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	25.85	25.90	25.81	26.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	25.84	25.79	25.90	26.5	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	25.70	26.84	25.88	26.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	25.76	25.92	25.79	26.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	25.85	25.91	25.96	26.5	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	25.74	25.89	25.88	26.5	0.0

Part27O n78 Ant1 Default Main PA

BW [MHz]	Modulation	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		23.48			
100	1/2 BPSK	1	137		23.65		24.5	0.0
100	1/2 BPSK	1	271		23.54		24.5	0.0
100	1/2 BPSK	135	0		23.67		24.5	0.0
100	1/2 BPSK	135	69		23.58		24.5	0.0
100	1/2 BPSK	135	138		23.63		24.5	0.0
100	1/2 BPSK	270	0		23.56			
100	QPSK	1	1		23.74			
100	QPSK	1	137		23.60		24.5	0.0
100	QPSK	1	271		23.58			
100	QPSK	135	0		23.51		24.5	0.0
100	QPSK	135	69		23.69		24.5	0.0
100	QPSK	135	138		23.57		24.5	0.0
100	QPSK	270	0		23.65			
100	16QAM	1	1		23.45		24.5	0.0
100	64QAM	1	1		22.93		24.0	0.5
100	256QAM	1	1		20.81		22.0	2.5
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	23.68	23.66	23.60	24.5	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	23.64	23.63	23.63	24.5	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	23.73	23.63	23.59	24.5	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	23.59	23.62	23.71	24.5	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	23.63	23.64	23.69	24.5	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	23.72	23.60	23.63	24.5	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	23.59	23.65	23.62	24.5	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	23.67	23.66	23.74	24.5	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	23.61	23.63	23.70	24.5	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.53	limit	(dB)
15	QPSK	1	1	23.64	23.59	23.75	24.5	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	23.70	23.64	23.61	24.5	0.0

Part270 n78 PC2 Ant1 Default Main PA

BW [MHz]	Modulation	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	25.52				
100	1/2 BPSK	1	137	25.72			26.5	0.0
100	1/2 BPSK	1	271	25.68				
100	1/2 BPSK	135	0	25.19			26.0	0.5
100	1/2 BPSK	135	69	25.74			26.5	0.0
100	1/2 BPSK	135	138	25.27			26.0	0.5
100	1/2 BPSK	270	0	25.22				
100	QPSK	1	1	25.75			26.5	0.0
100	QPSK	1	137	25.71				
100	QPSK	1	271	25.72				
100	QPSK	135	0	24.76			25.5	1.0
100	QPSK	135	69	25.72			26.5	0.0
100	QPSK	135	138	24.84			25.5	1.0
100	QPSK	270	0	24.75				
100	16QAM	1	1	24.54			25.5	1.0
100	16QAM	1	1	22.38			24.0	2.5
100	256QAM	1	1	20.39			22.0	4.5
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	25.67	25.69	25.64	26.5	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	25.62	25.72	25.59	26.5	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	25.69	25.68	25.63	26.5	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	25.65	25.66	25.55	26.5	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	25.60	25.69	25.55	26.5	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	25.74	25.72	25.67	26.5	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3720.01	3750	3790.01	limit	(dB)
30	QPSK	1	1	25.63	25.60	25.59	26.5	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	25.70	25.63	25.59	26.5	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	25.74	25.67	25.65	26.5	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	25.68	25.74	25.63	26.5	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	25.66	25.69	25.58	26.5	0.0

Part27Q n78 Ant1 PA Default Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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	23.54				
100	1/2 BPSK	1	137	23.69			24.5	0.0
100	1/2 BPSK	1	271	23.68				
100	1/2 BPSK	135	0	23.85			24.5	0.0
100	1/2 BPSK	135	69	23.67			24.5	0.0
100	1/2 BPSK	135	138	23.76			24.5	0.0
100	1/2 BPSK	270	0	23.66				
100	QPSK	1	1	23.87			24.5	0.0
100	QPSK	1	137	23.78				
100	QPSK	1	271	23.62				
100	QPSK	135	0	23.65			24.5	0.0
100	QPSK	135	69	23.83			24.5	0.0
100	QPSK	135	138	23.61			24.5	0.0
100	QPSK	270	0	23.77				
100	16QAM	1	1	23.49			24.5	0.0
100	16QAM	1	1	22.99			24.0	0.5
100	256QAM	1	1	20.97			22.0	2.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	23.72	23.70	23.65	24.5	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	23.75	23.84	23.72	24.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	23.71	23.73	23.70	24.5	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	23.82	23.78	23.76	24.5	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	23.81	23.81	23.67	24.5	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	23.74	23.82	23.74	24.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	23.71	23.69	23.70	24.5	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	23.71	23.79	23.69	24.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	23.82	23.73	23.64	24.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	23.83	23.79	23.72	24.5	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	23.84	23.83	23.77	24.5	0.0

Part27Q n78 PC2 Ant1 Default Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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	25.67				
100	1/2 BPSK	1	137	25.77			26.5	0.0
100	1/2 BPSK	1	271	25.72				
100	1/2 BPSK	135	0	25.25			26.0	0.5
100	1/2 BPSK	135	69	25.81			26.5	0.0
100	1/2 BPSK	135	138	25.37			26.0	0.5
100	1/2 BPSK	270	0	25.35				
100	QPSK	1	1	25.85			26.5	0.0
100	QPSK	1	137	25.83				
100	QPSK	1	271	25.82				
100	QPSK	135	0	24.88			25.5	1.0
100	QPSK	135	69	25.79			26.5	0.0
100	QPSK	135	138	24.98			25.5	1.0
100	QPSK	270	0	24.83				
100	16QAM	1	1	24.68			25.5	1.0
100	64QAM	1	1	22.55			24.0	2.5
100	256QAM	1	1	20.54			22.0	4.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	25.72	25.81	25.71	26.5	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	25.71	25.74	25.71	26.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	25.69	25.76	25.67	26.5	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	25.81	25.82	25.77	26.5	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	25.72	25.83	25.78	26.5	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	25.75	25.78	25.78	26.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	25.82	25.83	25.73	26.5	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	25.69	25.81	25.68	26.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	25.81	25.72	25.71	26.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.53	3500.01	3542.53	limit	(dB)
15	QPSK	1	1	25.73	25.74	25.67	26.5	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	25.73	25.73	25.80	26.5	0.0

n2 Ant2 Default Main PA

BW [MHz]	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	1/2 BPSK	1	1	24.38	24.41	24.25	25.5	0.0
40	1/2 BPSK	1	108	24.22	24.32	24.16		
40	1/2 BPSK	1	214	24.38	24.52	24.39		
40	1/2 BPSK	108	0	23.59	23.74	23.69	25.0	0.5
40	1/2 BPSK	108	54	24.29	24.36	24.22	25.5	0.0
40	1/2 BPSK	108	108	23.75	23.82	23.83	25.0	0.5
40	1/2 BPSK	216	0	23.31	23.38	23.31		
40	QPSK	1	1	24.39	24.53	24.48		
40	QPSK	1	108	24.18	24.29	24.19	25.5	0.0
40	QPSK	1	214	24.48	24.51	24.34		
40	QPSK	108	0	23.19	23.26	23.09	24.5	1.0
40	QPSK	108	54	24.40	24.46	24.41	25.5	0.0
40	QPSK	108	108	23.27	23.36	23.28	24.5	1.0
40	QPSK	216	0	23.23	23.41	23.38		
40	16QAM	1	1	23.06	23.13	22.98	24.5	1.0
40	64QAM	1	1	21.48	21.63	21.55	23.0	2.5
40	256QAM	1	1	19.64	19.71	19.61	21.0	4.5
Channel				373500	376000	378500	Tune-up	MPR
Frequency (MHz)				1867.5	1880	1892.5	limit	(dB)
35	QPSK	1	1	24.26	24.35	24.42	0.0	0.0
Channel				373000	376000	379000	Tune-up	MPR
Frequency (MHz)				1865	1880	1895	limit	(dB)
30	QPSK	1	1	24.25	24.42	24.41	25.5	0.0
Channel				372500	376000	379500	Tune-up	MPR
Frequency (MHz)				1862.5	1880	1897.5	limit	(dB)
25	QPSK	1	1	24.35	24.45	24.41	0.0	0.0
Channel				372000	376000	380000	Tune-up	MPR
Frequency (MHz)				1860	1880	1900	limit	(dB)
20	QPSK	1	1	24.31	24.39	24.40	0.0	0.0
Channel				371500	376000	380500	Tune-up	MPR
Frequency (MHz)				1857.5	1880	1902.5	limit	(dB)
15	QPSK	1	1	24.30	24.49	24.44	25.5	0.0
Channel				371000	376000	381000	Tune-up	MPR
Frequency (MHz)				1855	1880	1905	limit	(dB)
10	QPSK	1	1	24.34	24.40	24.34	25.5	0.0
Channel				370500	376000	381500	Tune-up	MPR
Frequency (MHz)				1852.5	1880	1907.5	limit	(dB)
5	QPSK	1	1	24.28	24.38	24.41	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	24.38	24.46	24.20	25.5	0.0
40	1/2 BPSK	1	108	24.15	24.25	24.23		
40	1/2 BPSK	1	214	24.35	24.48	24.41		
40	1/2 BPSK	108	0	23.61	23.77	23.63	25.0	0.5
40	1/2 BPSK	108	54	24.24	24.30	24.15	25.5	0.0
40	1/2 BPSK	108	108	23.77	23.97	23.80	25.0	0.5
40	1/2 BPSK	216	0	23.34	23.45	23.29		
40	QPSK	1	1	24.40	24.52	24.45		
40	QPSK	1	108	24.13	24.27	24.22	25.5	0.0
40	QPSK	1	214	24.46	24.44	24.41		
40	QPSK	108	0	23.14	23.30	23.02	24.5	1.0
40	QPSK	108	54	24.35	24.47	24.41	25.5	0.0
40	QPSK	108	108	23.26	23.29	23.26	24.5	1.0
40	QPSK	216	0	23.25	23.37	23.36		
40	16QAM	1	1	23.12	23.07	22.91	24.5	1.0
40	64QAM	1	1	21.42	21.57	21.47	23.0	2.5
40	256QAM	1	1	19.64	19.67	19.59	21.0	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	24.35	24.39	24.38	25.5	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	24.22	24.48	24.33	25.5	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	24.27	24.41	24.39	25.5	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	1/2 BPSK	1	1	24.25	24.38	24.45	25.5	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	24.22	24.36	24.40	25.5	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	24.29	24.36	24.31	25.5	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	24.36	24.43	24.35	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	24.62	24.68	24.44	25.5	0.0
40	1/2 BPSK	1	108	24.41	24.50	24.45		
40	1/2 BPSK	1	214	24.58	24.81	24.60		
40	1/2 BPSK	108	0	23.88	24.04	23.94	25.0	0.5
40	1/2 BPSK	108	54	24.55	24.57	24.43	25.5	0.0
40	1/2 BPSK	108	108	23.99	24.17	24.06	25.0	0.5
40	1/2 BPSK	216	0	23.62	23.61	23.59		
40	QPSK	1	1	24.71	24.82	24.75		
40	QPSK	1	108	24.49	24.60	24.39	25.5	0.0
40	QPSK	1	214	24.75	24.81	24.55		
40	QPSK	108	0	23.47	23.59	23.39	24.5	1.0
40	QPSK	108	54	24.61	24.79	24.61	25.5	0.0
40	QPSK	108	108	23.52	23.54	23.49	24.5	1.0
40	QPSK	216	0	23.49	23.75	23.62		
40	16QAM	1	1	23.33	23.41	23.22	24.5	1.0
40	64QAM	1	1	21.67	21.91	21.82	23.0	2.5
40	256QAM	1	1	19.92	19.93	19.82	21.0	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	24.69	24.74	24.58	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	24.58	24.65	24.67	25.5	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	24.63	24.78	24.58	25.5	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	24.68	24.79	24.68	25.5	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	24.54	24.75	24.59	25.5	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	24.59	24.69	24.62	25.5	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1772.5	limit	(dB)
5	QPSK	1	1	24.57	24.76	24.62	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	25.5	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	24.56	24.62	24.47		
40	1/2 BPSK	1	53	24.18	24.35	24.20		
40	1/2 BPSK	1	104	24.23	24.29	24.21	25.0	0.5
40	1/2 BPSK	50	0	23.94	23.97	23.81		
40	1/2 BPSK	50	28	24.40	24.44	24.30		
40	1/2 BPSK	50	59	23.76	23.81	23.74		
40	1/2 BPSK	100	0	23.96	23.98	23.82	25.0	0.5
40	QPSK	1	1	24.50	24.62	24.58		
40	QPSK	1	53	24.30	24.45	24.34		
40	QPSK	1	104	24.33	24.36	24.24		
40	QPSK	50	0	23.35	23.47	23.36	24.5	1.0
40	QPSK	50	28	24.36	24.52	24.45		
40	QPSK	50	59	23.13	23.26	23.21		
40	QPSK	100	0	23.36	23.45	23.34		
40	16QAM	1	1	23.36	23.45	23.31	24.5	1.0
40	64QAM	1	1	21.74	21.91	21.77		
40	256QAM	1	1	19.78	19.87	19.74		
40	256QAM	1	1	19.78	19.87	19.74		
Channel				517002	519000	520998	Tune-up	MPR
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)
30	QPSK	1	1	24.50	24.50	24.43	25.5	0.0
Channel				516504	519000	521496	Tune-up	MPR
Frequency (MHz)				2592.52	2595	2607.48	limit	(dB)
25	QPSK	1	1	24.47	24.61	24.45	25.5	0.0
Channel				516000	519000	522000	Tune-up	MPR
Frequency (MHz)				2580	2595	2610	limit	(dB)
20	QPSK	1	1	24.45	24.59	24.50	25.5	0.0
Channel				515502	519000	522498	Tune-up	MPR
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)
15	QPSK	1	1	24.51	24.58	24.42	25.5	0.0
Channel				515004	519000	522996	Tune-up	MPR
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)
10	QPSK	1	1	24.50	24.58	24.52	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	25.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	24.51	24.62	24.44		
100	1/2 BPSK	1	137	24.14	24.31	24.13		
100	1/2 BPSK	1	271	24.25	24.23	24.20	25.0	0.5
100	1/2 BPSK	135	0	23.87	23.94	23.78		
100	1/2 BPSK	135	69	24.42	24.47	24.37		
100	1/2 BPSK	135	138	23.81	23.84	23.70		
100	1/2 BPSK	270	0	23.93	23.87	23.76	25.0	0.5
100	QPSK	1	1	24.56	24.55	24.60		
100	QPSK	1	137	24.32	24.41	24.39		
100	QPSK	1	271	24.33	24.42	24.27		
100	QPSK	135	0	23.31	23.45	23.37	24.5	1.0
100	QPSK	135	69	24.34	24.59	24.52		
100	QPSK	135	138	23.11	23.19	23.10		
100	QPSK	270	0	23.44	23.55	23.28		
100	16QAM	1	1	23.40	23.47	23.26	24.5	1.0
100	64QAM	1	1	21.67	21.99	21.76		
100	256QAM	1	1	19.85	19.81	19.69		
100	256QAM	1	1	19.85	19.81	19.69		
Channel				508202	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	QPSK	1	1	24.46	24.59	24.52	25.5	0.0
Channel				507204	518598	529998	Tune-up	MPR
Frequency (MHz)				2533.02	2592.99	2649.99	limit	(dB)
80	QPSK	1	1	24.49	24.54	24.44	25.5	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)
70	QPSK	1	1	24.51	24.63	24.48	25.5	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2529	2592.99	2659.98	limit	(dB)
60	QPSK	1	1	24.44	24.62	24.54	25.5	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)
50	QPSK	1	1	24.52	24.47	24.53	25.5	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	QPSK	1	1	24.46	24.63	24.56	25.5	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	QPSK	1	1	24.42	24.48	24.57	25.5	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
25	QPSK	1	1	24.53	24.60	24.55	0.0	0.0
Channel				501204	518598	535998	Tune-up	MPR
Frequency (MHz)				2606.02	2592.99	2679.99	limit	(dB)
20	QPSK	1	1	24.48	24.61	24.43	25.5	0.0
Channel				500700	518598	536496	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	QPSK	1	1	24.51	24.53	24.43	25.5	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	QPSK	1	1	24.40	24.55	24.54	25.5	0.0

n2 Ant3 Default Main PA

BW [MHz]	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)				1670	1880	1890		
40	1/2 BPSK	1	1	23.32	23.47	23.36	25.0	0.0
40	1/2 BPSK	1	108	23.28	23.38	23.22		
40	1/2 BPSK	1	214	23.41	23.50	23.33		
40	1/2 BPSK	108	0	22.60	22.72	22.69	24.5	0.5
40	1/2 BPSK	108	54	23.14	23.29	23.13	25.0	0.0
40	1/2 BPSK	108	108	22.77	22.89	22.83	24.5	0.5
40	1/2 BPSK	216	0	22.93	22.98	22.84	24.5	0.5
40	QPSK	1	1	23.46	23.51	23.45		
40	QPSK	1	108	23.33	23.40	23.24		
40	QPSK	1	214	23.37	23.46	23.43	25.0	0.0
40	QPSK	108	0	22.38	22.43	22.38	24.0	1.0
40	QPSK	108	54	23.33	23.48	23.38	25.0	0.0
40	QPSK	108	108	22.40	22.50	22.47	24.0	1.0
40	QPSK	216	0	22.40	22.52	22.35	24.0	1.0
40	16QAM	1	1	22.11	22.27	22.21	24.0	1.0
40	64QAM	1	1	20.70	20.80	20.75	22.5	2.5
40	256QAM	1	1	18.83	18.87	18.80	20.5	4.5
Channel				372500	376000	378500	Tune-up	MPR
Frequency (MHz)				1867.5	1880	1892.5	limit	(dB)
35	QPSK	1	1	23.45	23.40	23.29	0.0	0.0
Channel				373000	376000	379000	Tune-up	MPR
Frequency (MHz)				1865	1880	1895	limit	(dB)
30	QPSK	1	1	23.32	23.46	23.41	25.0	0.0
Channel				372500	376000	379500	Tune-up	MPR
Frequency (MHz)				1862.5	1880	1897.5	limit	(dB)
25	QPSK	1	1	23.37	23.48	23.35	0.0	0.0
Channel				372000	376000	380000	Tune-up	MPR
Frequency (MHz)				1860	1880	1900	limit	(dB)
20	QPSK	1	1	23.45	23.37	23.41	0.0	0.0
Channel				371500	376000	380500	Tune-up	MPR
Frequency (MHz)				1857.5	1880	1902.5	limit	(dB)
15	QPSK	1	1	23.31	23.44	23.40	25.0	0.0
Channel				371000	376000	381000	Tune-up	MPR
Frequency (MHz)				1855	1880	1905	limit	(dB)
10	QPSK	1	1	23.44	23.42	23.28	25.0	0.0
Channel				370500	376000	381500	Tune-up	MPR
Frequency (MHz)				1852.5	1880	1907.5	limit	(dB)
5	QPSK	1	1	23.37	23.46	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	23.46	23.53	23.40	25.0	0.0
40	1/2 BPSK	1	108	23.41	23.56	23.30		
40	1/2 BPSK	1	214	23.58	23.55	23.46		
40	1/2 BPSK	108	0	22.72	22.87	22.76	24.5	0.5
40	1/2 BPSK	108	54	23.19	23.37	23.19	25.0	0.0
40	1/2 BPSK	108	108	22.83	22.93	22.93	24.5	0.5
40	1/2 BPSK	216	0	22.95	23.07	22.89	24.5	0.5
40	QPSK	1	1	23.56	23.52	23.54		
40	QPSK	1	108	23.50	23.50	23.32		
40	QPSK	1	214	23.52	23.51	23.56	25.0	0.0
40	QPSK	108	0	22.41	22.60	22.46	24.0	1.0
40	QPSK	108	54	23.41	23.55	23.51	25.0	0.0
40	QPSK	108	108	22.45	22.66	22.52	24.0	1.0
40	QPSK	216	0	22.49	22.62	22.43	24.0	1.0
40	16QAM	1	1	22.20	22.43	22.24	24.0	1.0
40	64QAM	1	1	20.73	20.84	20.88	22.5	2.5
40	256QAM	1	1	18.86	18.97	18.98	20.5	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	23.51	23.52	23.44	25.0	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	23.45	23.55	23.51	25.0	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	23.52	23.52	23.52	25.0	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	1/2 BPSK	1	1	23.46	23.45	23.38	25.0	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	23.42	23.57	23.46	25.0	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	23.56	23.55	23.41	25.0	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2572.5	limit	(dB)
5	QPSK	1	1	23.50	23.56	23.53	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	23.51	23.67	23.54	25.0	0.0
40	1/2 BPSK	1	108	23.53	23.59	23.49		
40	1/2 BPSK	1	214	23.62	23.65	23.50		
40	1/2 BPSK	108	0	22.85	22.88	22.83	24.5	0.5
40	1/2 BPSK	108	54	23.35	23.54	23.39	25.0	0.0
40	1/2 BPSK	108	108	22.94	23.03	23.00	24.5	0.5
40	1/2 BPSK	216	0	23.10	23.24	23.00	24.5	0.5
40	QPSK	1	1	23.74	23.75	23.71		
40	QPSK	1	108	23.55	23.53	23.49		
40	QPSK	1	214	23.64	23.72	23.59	25.0	0.0
40	QPSK	108	0	22.53	22.61	22.56	24.0	1.0
40	QPSK	108	54	23.52	23.69	23.52	25.0	0.0
40	QPSK	108	108	22.55	22.65	22.64	24.0	1.0
40	QPSK	216	0	22.58	22.66	22.62	24.0	1.0
40	16QAM	1	1	22.25	22.47	22.41	24.0	1.0
40	64QAM	1	1	20.94	20.97	20.96	22.5	2.5
40	256QAM	1	1	18.95	19.04	18.93	20.5	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	23.62	23.68	23.58	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	23.63	23.71	23.54	25.0	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	23.69	23.69	23.68	25.0	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	23.56	23.60	23.62	25.0	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	23.69	23.62	23.68	25.0	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	23.61	23.69	23.64	25.0	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	23.68	23.67	23.55	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	23.49	23.66	23.61		
40	1/2 BPSK	1	53	23.42	23.53	23.39	25.0	0.0
40	1/2 BPSK	1	104	23.58	23.70	23.50		
40	1/2 BPSK	50	0	22.76	22.99	22.87	24.5	0.5
40	1/2 BPSK	50	28	23.38	23.54	23.29	25.0	0.0
40	1/2 BPSK	50	59	23.00	23.03	23.05		
40	1/2 BPSK	100	0	23.17	23.18	23.09	24.5	0.5
40	QPSK	1	1	23.08	23.71	23.65		
40	QPSK	1	53	23.45	23.66	23.40	25.0	0.0
40	QPSK	1	104	23.53	23.69	23.59		
40	QPSK	50	0	22.54	22.61	22.65	24.0	1.0
40	QPSK	50	28	23.48	23.68	23.59	25.0	0.0
40	QPSK	50	59	22.53	22.66	22.61	24.0	1.0
40	QPSK	100	0	22.56	22.71	22.61		
40	16QAM	1	1	22.36	22.48	22.46	24.0	1.0
40	64QAM	1	1	20.88	20.97	20.90	22.5	2.5
40	256QAM	1	1	19.00	19.14	19.06	20.5	4.5
Channel				517002	519000	520998	Tune-up	MPR
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)
30	QPSK	1	1	23.65	23.66	23.55	25.0	0.0
Channel				516504	519000	521496	Tune-up	MPR
Frequency (MHz)				2582.52	2595	2607.48	limit	(dB)
25	QPSK	1	1	23.61	23.68	23.63	25.0	0.0
Channel				516000	519000	522000	Tune-up	MPR
Frequency (MHz)				2580	2595	2610	limit	(dB)
20	QPSK	1	1	23.50	23.69	23.61	25.0	0.0
Channel				515502	519000	522498	Tune-up	MPR
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)
15	QPSK	1	1	23.59	23.64	23.52	25.0	0.0
Channel				515004	519000	522996	Tune-up	MPR
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)
10	QPSK	1	1	23.54	23.68	23.53	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	23.55	23.75	23.70		
100	1/2 BPSK	1	137	23.57	23.70	23.47	25.0	0.0
100	1/2 BPSK	1	271	23.67	23.81	23.54		
100	1/2 BPSK	135	0	22.81	23.07	22.90	24.5	0.5
100	1/2 BPSK	135	69	23.42	23.72	23.36	25.0	0.0
100	1/2 BPSK	135	138	23.19	23.18	23.10		
100	1/2 BPSK	270	0	23.21	23.27	23.14	24.5	0.5
100	QPSK	1	1	23.79	23.83	23.82		
100	QPSK	1	137	23.59	23.81	23.55	25.0	0.0
100	QPSK	1	271	23.63	23.81	23.73		
100	QPSK	135	0	22.69	22.72	22.84	24.0	1.0
100	QPSK	135	69	23.52	23.78	23.75	25.0	0.0
100	QPSK	135	138	22.69	22.84	22.78	24.0	1.0
100	QPSK	270	0	22.65	22.54	22.76		
100	16QAM	1	1	22.41	22.52	22.61	24.0	1.0
100	64QAM	1	1	21.02	21.10	21.09	22.5	2.5
100	256QAM	1	1	19.08	19.21	19.14	20.5	4.5
Channel				508200	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	QPSK	1	1	23.42	23.59	23.56	25.0	0.0
Channel				507204	518598	529998	Tune-up	MPR
Frequency (MHz)				2533.02	2592.99	2649.99	limit	(dB)
80	QPSK	1	1	23.48	23.56	23.49	25.0	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)
70	QPSK	1	1	23.47	23.55	23.51	25.0	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2529	2592.99	2659.98	limit	(dB)
60	QPSK	1	1	23.42	23.57	23.53	25.0	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)
50	QPSK	1	1	23.54	23.46	23.47	25.0	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	QPSK	1	1	23.49	23.57	23.50	25.0	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	QPSK	1	1	23.43	23.55	23.56	25.0	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
25	QPSK	1	1	23.54	23.54	23.53	0.0	0.0
Channel				501204	518598	535998	Tune-up	MPR
Frequency (MHz)				2606.02	2692.99	2679.99	limit	(dB)
20	QPSK	1	1	23.47	23.53	23.47	25.0	0.0
Channel				500700	518598	536496	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	QPSK	1	1	23.42	23.60	23.43	25.0	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	QPSK	1	1	23.53	23.57	23.49	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	23.56	23.74	23.59		
40	1/2 BPSK	1	108	23.65	23.68	23.59	25.0	0.0
40	1/2 BPSK	1	214	23.61	23.66	23.64		
40	1/2 BPSK	108	0	23.07	23.18	23.06	24.5	0.5
40	1/2 BPSK	108	54	23.62	23.73	23.58	25.0	0.0
40	1/2 BPSK	108	108	22.92	23.07	22.91		
40	1/2 BPSK	216	0	22.99	23.06	22.97	24.5	0.5
40	QPSK	1	1	23.72	23.75	23.74		
40	QPSK	1	108	23.52	23.67	23.63	25.0	0.0
40	QPSK	1	214	23.61	23.74	23.57		
40	QPSK	108	0	22.51	22.67	22.52	24.0	1.0
40	QPSK	108	54	23.62	23.73	23.67	25.0	0.0
40	QPSK	108	108	22.56	22.65	22.61		
40	QPSK	216	0	22.66	22.71	22.67	24.0	1.0
40	16QAM	1	1	22.46	22.56	22.53	24.0	1.0
40	64QAM	1	1	20.88	20.99	20.96	22.5	2.5
40	256QAM	1	1	18.93	19.05	19.02	20.5	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	23.67	23.71	23.69	25.0	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	23.61	23.69	23.57	25.0	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	23.57	23.58	23.57	25.0	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	1/2 BPSK	1	1	23.65	23.72	23.63	25.0	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	23.63	23.70	23.60	25.0	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	23.63	23.69	23.64	25.0	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	23.60	23.68	23.64	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	23.64	23.90	23.70		
40	1/2 BPSK	1	108	23.75	23.71	23.76	25.0	0.0
40	1/2 BPSK	1	214	23.78	23.83	23.69		
40	1/2 BPSK	108	0	23.13	23.34	23.10	24.5	0.5
40	1/2 BPSK	108	54	23.77	23.89	23.68	25.0	0.0
40	1/2 BPSK	108	108	23.06	23.25	22.98		
40	1/2 BPSK	216	0	23.04	23.19	23.07	24.5	0.5
40	QPSK	1	1	23.84	23.92	23.89		
40	QPSK	1	108	23.60	23.79	23.79	25.0	0.0
40	QPSK	1	214	23.69	23.83	23.61		
40	QPSK	108	0	22.63	22.81	22.55	24.0	1.0
40	QPSK	108	54	23.76	23.89	23.77	25.0	0.0
40	QPSK	108	108	22.68	22.80	22.63		
40	QPSK	216	0	22.79	22.81	22.78	24.0	1.0
40	16QAM	1	1	22.62	22.61	22.59	24.0	1.0
40	64QAM	1	1	21.02	21.13	21.11	22.5	2.5
40	256QAM	1	1	19.08	19.17	19.06	20.5	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	23.79	23.89	23.74	25.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	23.77	23.78	23.78	25.0	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	23.74	23.82	23.83	25.0	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1760	limit	(dB)
20	QPSK	1	1	23.74	23.82	23.78	25.0	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	23.79	23.83	23.84	25.0	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	23.78	23.86	23.82	25.0	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	23.78	23.75	23.74	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	25.0	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	23.76	23.78	23.60		
40	1/2 BPSK	1	53	23.45	23.62	23.50	24.5	0.5
40	1/2 BPSK	1	104	23.51	23.58	23.49		
40	1/2 BPSK	50	0	23.08	23.18	23.08		
40	1/2 BPSK	50	28	23.55	23.69	23.65	24.5	0.5
40	1/2 BPSK	50	58	22.95	23.09	23.03		
40	1/2 BPSK	100	0	22.99	23.11	22.94		
40	QPSK	1	1	23.76	23.81	23.75	25.0	0.0
40	QPSK	1	53	23.65	23.74	23.71		
40	QPSK	1	104	23.47	23.58	23.45		
40	QPSK	50	0	22.80	22.83	22.73	24.0	1.0
40	QPSK	50	28	23.60	23.78	23.71		
40	QPSK	50	58	22.46	22.58	22.50		
40	QPSK	100	0	22.62	22.79	22.70	24.0	1.0
40	16QAM	1	1	22.65	22.67	22.64		
40	64QAM	1	1	21.11	21.17	21.08		
40	256QAM	1	1	18.97	19.09	19.06	23.5	4.5
Channel				517002	519000	520998	limit	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.60	23.73	23.65		
Channel				516504	519000	521496	limit	MPR
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.62	23.75	23.73		
Channel				516000	519000	522000	limit	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.60	23.65	23.68		
Channel				515502	519000	522498	limit	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.65	23.69	23.69		
Channel				515004	519000	522996	limit	MPR
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.65	23.70	23.58		

n41 Ant4 Default Main PA

BW [MHz]	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	25.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	23.83	23.81	23.54		
100	1/2 BPSK	1	137	23.38	23.64	23.54	24.5	0.5
100	1/2 BPSK	1	271	23.46	23.53	23.41		
100	1/2 BPSK	135	0	23.02	23.19	23.04		
100	1/2 BPSK	135	69	23.53	23.68	23.68	24.5	0.5
100	1/2 BPSK	135	138	22.93	23.16	23.00		
100	1/2 BPSK	270	0	22.98	23.16	22.87		
100	QPSK	1	1	23.83	23.85	23.81	25.0	0.0
100	QPSK	1	137	23.66	23.69	23.65		
100	QPSK	1	271	23.51	23.57	23.47		
100	QPSK	135	0	22.75	22.84	22.75	24.0	1.0
100	QPSK	135	69	23.68	23.81	23.70		
100	QPSK	135	138	22.40	22.65	22.49		
100	QPSK	270	0	22.60	22.79	22.76	24.0	1.0
100	16QAM	1	1	22.62	22.67	22.61		
100	64QAM	1	1	21.10	21.18	21.11		
100	256QAM	1	1	18.92	19.03	19.07	20.5	4.5
Channel				508200	518598	528996	limit	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.81	23.67	23.65		
Channel				507204	518598	529998	limit	MPR
Frequency (MHz)				2538.02	2592.99	2648.99		
80	QPSK	1	1	23.73	23.79	23.77		
Channel				506202	518598	531000	limit	MPR
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.75	23.73	23.70		
Channel				505200	518598	531996	limit	MPR
Frequency (MHz)				2528.99	2592.99	2659.98		
60	QPSK	1	1	23.74	23.81	23.69		
Channel				504204	518598	532998	limit	MPR
Frequency (MHz)				2524.02	2592.99	2664.99		
50	QPSK	1	1	23.69	23.80	23.67		
Channel				503202	518598	534000	limit	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.79	23.77	23.77		
Channel				502200	518598	534996	limit	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.69	23.77	23.73		
Channel				502200	518598	534996	limit	MPR
Frequency (MHz)				2511	2592.99	2674.98		
25	QPSK	1	1	23.74	23.82	23.63		
Channel				501204	518598	535998	limit	MPR
Frequency (MHz)				2606.02	2592.99	2679.99		
20	QPSK	1	1	23.76	23.82	23.69		
Channel				500700	518598	536496	limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.68	23.71	23.69		
Channel				500202	518598	537000	limit	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.72	23.79	23.71		

n7 Ant5 Default Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	20.79	20.89	20.80	22.0	0.0
40	1/2 BPSK	1	108	20.84	20.88	20.80		
40	1/2 BPSK	1	214	20.82	20.94	20.77		
40	1/2 BPSK	108	0	20.35	20.38	20.28	21.5	0.5
40	1/2 BPSK	108	54	20.82	20.92	20.74	22.0	0.0
40	1/2 BPSK	108	108	20.38	20.41	20.32	21.5	0.5
40	1/2 BPSK	216	0	20.33	20.37	20.21		
40	QPSK	1	1	20.98	21.02	20.93		
40	QPSK	1	108	20.86	20.88	20.79	22.0	0.0
40	QPSK	1	214	20.90	20.96	20.90		
40	QPSK	108	0	19.80	19.83	19.70	21.0	1.0
40	QPSK	108	54	20.79	20.97	20.95	22.0	0.0
40	QPSK	108	108	19.87	19.79	19.74	21.0	1.0
40	QPSK	216	0	19.85	19.92	19.89		
40	16QAM	1	1	19.63	19.74	19.60		
40	64QAM	1	1	18.02	18.15	18.08	19.5	2.5
40	256QAM	1	1	16.99	16.16	16.03	17.5	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	20.96	20.94	20.86	22.0	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	20.91	20.90	20.90	22.0	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	20.90	20.98	20.76	22.0	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	1/2 BPSK	1	1	20.96	20.98	20.84	22.0	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	20.88	20.97	20.79	22.0	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	20.84	20.88	20.79	22.0	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	20.82	20.90	20.86	22.0	0.0

n66 Ant5 Default Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	21.75	21.96	21.83	22.5	0.0
40	1/2 BPSK	1	108	21.87	21.87	21.87		
40	1/2 BPSK	1	214	21.83	21.90	21.83		
40	1/2 BPSK	108	0	21.30	21.35	21.21	22.0	0.5
40	1/2 BPSK	108	54	21.85	21.86	21.80	22.5	0.0
40	1/2 BPSK	108	108	21.31	21.49	21.32	22.0	0.5
40	1/2 BPSK	216	0	21.31	21.43	21.15		
40	QPSK	1	1	21.95	21.99	21.92		
40	QPSK	1	108	21.80	21.89	21.72	22.5	0.0
40	QPSK	1	214	21.91	21.89	21.88		
40	QPSK	108	0	20.77	20.76	20.70	21.5	1.0
40	QPSK	108	54	21.75	21.95	21.91	22.5	0.0
40	QPSK	108	108	20.88	20.71	20.70	21.5	1.0
40	QPSK	216	0	20.82	20.93	20.88		
40	16QAM	1	1	20.59	20.80	20.59		
40	64QAM	1	1	19.15	19.16	19.04	20.0	2.5
40	256QAM	1	1	17.09	17.19	17.06	18.0	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	21.91	21.81	21.84	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	21.77	21.90	21.84	22.5	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	21.87	21.87	21.86	22.5	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	21.89	21.83	21.80	22.5	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	21.87	21.89	21.83	22.5	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	21.83	21.83	21.90	22.5	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	21.78	21.83	21.75	22.5	0.0

n38 Ant5 Default Main PA

BW [MHz]	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	22.0	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	20.83	20.98	20.85	22.0	0.0
40	1/2 BPSK	1	53	20.81	20.85	20.77		
40	1/2 BPSK	1	104	20.83	20.79	20.74	21.5	0.5
40	1/2 BPSK	50	0	20.28	20.34	20.17		
40	1/2 BPSK	50	28	20.84	20.92	20.89	21.5	0.5
40	1/2 BPSK	50	59	20.12	20.29	20.27		
40	1/2 BPSK	100	0	20.28	20.35	20.20	22.0	0.0
40	QPSK	1	1	21.02	21.03	20.98		
40	QPSK	1	53	20.73	20.82	20.68	21.0	1.0
40	QPSK	1	104	20.59	20.68	20.64		
40	QPSK	50	0	19.68	19.83	19.68	21.0	1.0
40	QPSK	50	28	20.80	20.84	20.69		
40	QPSK	50	59	19.48	19.63	19.50	21.0	1.0
40	QPSK	100	0	19.66	19.78	19.63		
40	16QAM	1	1	20.62	20.71	20.66	21.0	1.0
40	64QAM	1	1	18.02	18.17	18.07		
40	256QAM	1	1	16.09	16.22	16.06	17.5	4.5
Channel				517002	519000	520998	Tune-up limit (dB)	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.88	20.97	20.83	Tune-up limit (dB)	MPR
Channel				516504	519000	521496		
Frequency (MHz)				2592.52	2595	2607.48	22.0	0.0
25	QPSK	1	1	20.89	20.88	20.87		
Channel				516000	519000	522000	Tune-up limit (dB)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.95	20.90	20.85	22.0	0.0
Channel				515502	519000	522498		
Frequency (MHz)				2577.51	2595	2612.49	22.0	0.0
15	QPSK	1	1	20.91	20.88	20.92		
Channel				515004	519000	522996	Tune-up limit (dB)	MPR
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.97	20.91	20.87	22.0	0.0

n41 Ant5 Default Main PA

BW [MHz]	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	22.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	20.78	20.91	20.80	22.0	0.0
100	1/2 BPSK	1	137	20.84	20.80	20.77		
100	1/2 BPSK	1	271	20.81	20.81	20.77	21.5	0.5
100	1/2 BPSK	135	0	20.23	20.38	20.25		
100	1/2 BPSK	135	69	20.91	20.99	20.89	21.5	0.5
100	1/2 BPSK	135	138	20.17	20.28	20.22		
100	1/2 BPSK	270	0	20.28	20.40	20.15	22.0	0.0
100	QPSK	1	1	21.01	21.05	21.02		
100	QPSK	1	137	20.78	20.84	20.63	21.0	1.0
100	QPSK	1	271	20.59	20.62	20.72		
100	QPSK	135	0	19.69	19.78	19.62	21.0	1.0
100	QPSK	135	69	20.93	20.88	20.96		
100	QPSK	135	138	19.52	19.62	19.58	21.0	1.0
100	QPSK	270	0	19.95	19.98	19.93		
100	16QAM	1	1	20.69	20.72	20.61	21.0	1.0
100	64QAM	1	1	18.09	18.12	18.02		
100	256QAM	1	1	16.14	16.16	16.12	17.5	4.5
Channel				508200	518598	528998	Tune-up limit (dB)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.95	20.95	20.95	Tune-up limit (dB)	MPR
Channel				507204	518598	529998		
Frequency (MHz)				2533.02	2592.99	2649.99	22.0	0.0
80	QPSK	1	1	20.90	21.02	20.90		
Channel				506202	518598	531000	Tune-up limit (dB)	MPR
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.98	20.93	20.95	22.0	0.0
Channel				505200	518598	531998		
Frequency (MHz)				2529	2592.99	2659.98	22.0	0.0
60	QPSK	1	1	20.99	20.99	20.86		
Channel				504204	518598	532998	Tune-up limit (dB)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.86	20.89	20.95	22.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670	Tune-up limit (dB)	MPR
40	QPSK	1	1	20.95	21.00	20.89		
Channel				502200	518598	534998	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.95	20.87	20.86	22.0	0.0
Channel				502200	518598	534998		
Frequency (MHz)				2511	2592.99	2674.98	0.0	0.0
25	QPSK	1	1	20.94	20.88	20.99		
Channel				501204	518598	535998	Tune-up limit (dB)	MPR
Frequency (MHz)				2606.02	2592.99	2679.99		
20	QPSK	1	1	20.89	20.96	20.95	22.0	0.0
Channel				500700	518598	536498		
Frequency (MHz)				2503.5	2592.99	2682.48	Tune-up limit (dB)	MPR
15	QPSK	1	1	20.94	20.95	20.99		
Channel				500202	518598	537000	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.86	20.88	20.96	22.0	0.0

n48 Part96 Ant6 Default Main PA

BW [MHz]	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	24.80	24.85	24.70		
40	1/2 BPSK	1	53	24.78	24.81	24.70	25.7	0.0
40	1/2 BPSK	1	104	24.76	24.83	24.74		
40	1/2 BPSK	50	0	24.20	24.32	24.23	25.2	0.5
40	1/2 BPSK	50	28	24.83	24.87	24.69	25.7	0.0
40	1/2 BPSK	50	56	24.15	24.25	24.11		
40	1/2 BPSK	100	0	24.17	24.29	24.20	25.2	0.5
40	QPSK	1	1	24.83	24.88	24.84		
40	QPSK	1	53	24.72	24.83	24.73	25.7	0.0
40	QPSK	1	104	24.72	24.85	24.68		
40	QPSK	50	0	23.83	23.91	23.84	24.7	1.0
40	QPSK	50	28	24.77	24.85	24.79	25.7	0.0
40	QPSK	50	56	23.72	23.88	23.83		
40	QPSK	100	0	23.76	23.82	23.80	24.7	1.0
40	16QAM	1	1	23.75	23.81	23.66	24.7	1.0
40	16QAM	1	1	22.23	22.25	22.16	23.2	2.5
40	256QAM	1	1	20.32	20.40	20.25	21.2	4.5
	Channel			637668	641666	645666	Tune-up limit (dB)	MPR
	Frequency (MHz)			3565.02	3624.99	3684.99		
30	QPSK	1	1	24.76	24.83	24.74	25.7	0.0
	Channel			637334	641666	646000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3560.01	3624.99	3690		
20	QPSK	1	1	24.78	24.82	24.72	25.7	0.0
	Channel			637168	641666	646166	Tune-up limit (dB)	MPR
	Frequency (MHz)			3557.52	3624.99	3692.49		
15	QPSK	1	1	24.71	24.71	24.61	25.7	0.0
	Channel			637000	641666	645332	Tune-up limit (dB)	MPR
	Frequency (MHz)			3555	3624.99	3694.98		
10	QPSK	1	1	24.76	24.76	24.67	25.7	0.0

Part270 n77 Ant6 Default Main PA

BW [MHz]	Modulation	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	25.19	25.36	25.23		
100	1/2 BPSK	1	137	25.15	25.41	25.28	25.7	0.0
100	1/2 BPSK	1	271	25.21	25.44	25.36		
100	1/2 BPSK	135	0	25.15	25.39	25.35	25.7	0.0
100	1/2 BPSK	135	69	25.17	25.36	25.23	25.7	0.0
100	1/2 BPSK	135	138	25.15	25.37	25.27		
100	1/2 BPSK	270	0	25.15	25.42	25.28	25.7	0.0
100	QPSK	1	1	25.22	25.45	25.42		
100	QPSK	1	137	25.10	25.35	25.18	25.7	0.0
100	QPSK	1	271	25.08	25.26	25.23		
100	QPSK	135	0	25.16	25.34	25.22	25.7	0.0
100	QPSK	135	69	25.37	25.44	25.41	25.7	0.0
100	QPSK	135	138	25.21	25.41	25.26		
100	QPSK	270	0	25.38	25.43	25.36	25.7	0.0
100	16QAM	1	1	25.23	25.39	25.37	25.7	0.0
100	16QAM	1	1	24.65	24.92	24.80	25.2	0.5
100	256QAM	1	1	22.71	22.87	22.71	23.2	2.5
	Channel			649688	656000	662334	Tune-up limit (dB)	MPR
	Frequency (MHz)			3745.02	3840	3935.01		
90	QPSK	1	1	25.40	25.34	25.28	25.7	0.0
	Channel			649334	656000	662668	Tune-up limit (dB)	MPR
	Frequency (MHz)			3740.01	3840	3940.02		
80	QPSK	1	1	25.39	25.29	25.28	25.7	0.0
	Channel			649000	656000	663000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3735	3840	3945		
70	QPSK	1	1	25.35	25.34	25.26	25.7	0.0
	Channel			648668	656000	663334	Tune-up limit (dB)	MPR
	Frequency (MHz)			3730.02	3840	3950.01		
60	QPSK	1	1	25.40	25.37	25.38	25.7	0.0
	Channel			648334	656000	663668	Tune-up limit (dB)	MPR
	Frequency (MHz)			3725.01	3910	3955.02		
50	QPSK	1	1	25.30	25.41	25.39	25.7	0.0
	Channel			648000	656000	664000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3720	3840	3960		
40	QPSK	1	1	25.25	25.41	25.30	25.7	0.0
	Channel			647668	656000	664334	Tune-up limit (dB)	MPR
	Frequency (MHz)			3715.02	3840	3965.01		
30	QPSK	1	1	25.32	25.27	25.40	25.7	0.0
	Channel			647500	656000	664500	Tune-up limit (dB)	MPR
	Frequency (MHz)			3712.5	3840	3967.5		
25	QPSK	1	1	25.32	25.36	25.33	25.7	0.0
	Channel			647334	656000	664668	Tune-up limit (dB)	MPR
	Frequency (MHz)			3710.01	3840	3970.02		
20	QPSK	1	1	25.39	25.36	25.31	25.7	0.0
	Channel			647168	656000	664834	Tune-up limit (dB)	MPR
	Frequency (MHz)			3707.52	3910	3972.51		
15	QPSK	1	1	25.39	25.31	25.36	25.7	0.0
	Channel			647000	656000	665000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3705	3840	3975		
10	QPSK	1	1	25.34	25.28	25.26	25.7	0.0

Part270 n77 PC2 Ant6 Default Main PA

BW [MHz]	Modulation	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	27.05	27.42	27.38		
100	1/2 BPSK	1	137	27.09	27.36	27.28	28.0	0.0
100	1/2 BPSK	1	271	27.11	27.34	27.22		
100	1/2 BPSK	135	0	26.95	26.98	27.01	27.5	0.5
100	1/2 BPSK	135	69	27.14	27.39	27.33	28.0	0.0
100	1/2 BPSK	135	138	26.68	26.95	26.86		
100	1/2 BPSK	270	0	26.59	26.91	26.76	27.5	0.5
100	QPSK	1	1	27.19	27.46	27.42		
100	QPSK	1	137	27.18	27.42	27.26	28.0	0.0
100	QPSK	1	271	27.02	27.33	27.15		
100	QPSK	135	0	26.09	26.38	26.23	27.0	1.0
100	QPSK	135	69	27.14	27.44	27.39	28.0	0.0
100	QPSK	135	138	26.17	26.42	26.31		
100	QPSK	270	0	26.14	26.41	26.31	27.0	1.0
100	16QAM	1	1	26.07	26.43	26.32	27.0	1.0
100	16QAM	1	1	24.50	24.85	24.74	25.5	2.5
100	256QAM	1	1	22.35	22.41	22.38	23.5	4.5
	Channel			649668	656000	662334	Tune-up limit (dB)	MPR
	Frequency (MHz)			3745.02	3840	3935.01		
90	QPSK	1	1	27.06	27.36	27.28	28.0	0.0
	Channel			649334	656000	662668	Tune-up limit (dB)	MPR
	Frequency (MHz)			3740.01	3840	3940.02		
80	QPSK	1	1	27.11	27.30	27.32	28.0	0.0
	Channel			649000	656000	663000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3735	3840	3945		
70	QPSK	1	1	27.04	27.30	27.26	28.0	0.0
	Channel			648668	656000	663334	Tune-up limit (dB)	MPR
	Frequency (MHz)			3730.02	3840	3950.01		
60	QPSK	1	1	27.16	27.40	27.35	28.0	0.0
	Channel			648334	656000	663668	Tune-up limit (dB)	MPR
	Frequency (MHz)			3725.01	3840	3955.02		
50	QPSK	1	1	27.03	27.30	27.35	28.0	0.0
	Channel			648000	656000	664000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3720	3840	3960		
40	QPSK	1	1	27.16	27.42	27.33	28.0	0.0
	Channel			647668	656000	664334	Tune-up limit (dB)	MPR
	Frequency (MHz)			3715.02	3840	3965.01		
30	QPSK	1	1	27.13	27.34	27.24	28.0	0.0
	Channel			647500	656000	664500	Tune-up limit (dB)	MPR
	Frequency (MHz)			3712.5	3840	3967.5		
25	QPSK	1	1	27.07	27.42	27.34	28.0	0.0
	Channel			647334	656000	664668	Tune-up limit (dB)	MPR
	Frequency (MHz)			3710.01	3840	3970.02		
20	QPSK	1	1	27.07	27.35	27.26	28.0	0.0
	Channel			647168	656000	664834	Tune-up limit (dB)	MPR
	Frequency (MHz)			3707.52	3840	3972.51		
15	QPSK	1	1	27.12	27.40	27.40	28.0	0.0
	Channel			647000	656000	665000	Tune-up limit (dB)	MPR
	Frequency (MHz)			3705	3840	3975		
10	QPSK	1	1	27.15	27.42	27.40	28.0	0.0

Part27Q n77 Ant6 Default Main PA

BW [MHz]	Modulat on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334			
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	25.37				
100	1/2 BPSK	1	137	25.38			25.7	0.0
100	1/2 BPSK	1	271	25.40				
100	1/2 BPSK	135	0	25.35			25.7	0.0
100	1/2 BPSK	135	69	25.42				
100	1/2 BPSK	135	138	25.43			25.7	0.0
100	1/2 BPSK	270	0	25.41				
100	QPSK	1	1	25.47				
100	QPSK	1	137	25.35			25.7	0.0
100	QPSK	1	271	25.31				
100	QPSK	135	0	25.28			25.7	0.0
100	QPSK	135	69	25.45				
100	QPSK	135	138	25.40			25.7	0.0
100	QPSK	270	0	25.41				
100	16QAM	1	1	25.46			25.7	0.0
100	64QAM	1	1	24.88			25.2	0.5
100	256QAM	1	1	22.85			23.2	2.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	25.31	25.37	25.39	25.7	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	25.35	25.35	25.33	25.7	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	25.35	25.29	25.59	25.7	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	25.32	25.38	25.31	25.7	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	25.40	25.41	25.32	25.7	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	25.27	25.30	25.30	25.7	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	25.29	25.29	25.28	25.7	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	25.27	25.29	25.27	25.7	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	25.26	25.28	25.27	25.7	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	25.37	25.34	25.36	25.7	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	25.35	25.32	25.37	25.7	0.0

Part27Q n77 PC2 Ant6 Default Main PA

BW [MHz]	Modulat on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334			
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	27.33				
100	1/2 BPSK	1	137	27.33			28.0	0.0
100	1/2 BPSK	1	271	27.23				
100	1/2 BPSK	135	0	26.89			27.5	0.5
100	1/2 BPSK	135	69	27.27			28.0	0.0
100	1/2 BPSK	135	138	26.87			27.5	0.5
100	1/2 BPSK	270	0	26.77				
100	QPSK	1	1	27.45				
100	QPSK	1	137	27.35			28.0	0.0
100	QPSK	1	271	27.18				
100	QPSK	135	0	26.21			27.0	1.0
100	QPSK	135	69	27.41			28.0	0.0
100	QPSK	135	138	26.32			27.0	1.0
100	QPSK	270	0	26.37				
100	16QAM	1	1	26.30			27.0	1.0
100	64QAM	1	1	24.68			25.5	2.5
100	256QAM	1	1	22.35			23.5	4.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	27.24	27.33	27.29	28.0	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	27.22	27.41	27.25	28.0	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	27.33	27.33	27.39	28.0	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	27.28	27.29	27.25	28.0	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	27.37	27.30	27.25	28.0	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	27.31	27.31	27.39	28.0	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	27.23	27.33	27.24	28.0	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	27.25	27.36	27.34	28.0	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	27.35	27.42	27.39	28.0	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	27.24	27.33	27.30	28.0	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	27.33	27.43	27.39	28.0	0.0

Part27O n78 Ant6 Default Main PA

BW [MHz]	Modulat on	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	24.80				
100	1/2 BPSK	1	137	24.83			25.7	0.0
100	1/2 BPSK	1	271	24.98				
100	1/2 BPSK	135	0	24.93			25.7	0.0
100	1/2 BPSK	135	69	24.87			25.7	0.0
100	1/2 BPSK	135	138	24.85			25.7	0.0
100	1/2 BPSK	270	0	24.91				
100	QPSK	1	1	25.01				
100	QPSK	1	137	24.92			25.7	0.0
100	QPSK	1	271	24.69				
100	QPSK	135	0	24.87			25.7	0.0
100	QPSK	135	69	24.95			25.7	0.0
100	QPSK	135	138	24.84			25.7	0.0
100	QPSK	270	0	24.97				
100	16QAM	1	1	24.86			25.7	0.0
100	64QAM	1	1	22.48			25.2	0.5
100	256QAM	1	1	22.44			23.2	2.5
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	24.90	24.89	24.97	25.7	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	24.90	24.91	24.91	25.7	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	24.94	24.84	24.93	25.7	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	24.95	24.94	24.87	25.7	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	24.95	24.85	24.94	25.7	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	24.85	24.98	24.85	25.7	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	24.87	24.88	24.97	25.7	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	24.85	24.85	24.91	25.7	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)

Part27O n78 PC2 Ant6 Default Main PA

BW [MHz]	Modulation	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		26.98		28.0	0.0	
100	1/2 BPSK	1	137		26.98				
100	1/2 BPSK	1	271		26.87				
100	1/2 BPSK	135	0		26.55		27.5	0.5	
100	1/2 BPSK	135	69		26.90		28.0	0.0	
100	1/2 BPSK	135	138		26.54		27.5	0.5	
100	1/2 BPSK	270	0		26.39				
100	QPSK	1	1		27.05		28.0	0.0	
100	QPSK	1	137		26.94				
100	QPSK	1	271		26.83				
100	QPSK	135	0		25.75		27.0	1.0	
100	QPSK	135	69		26.97		28.0	0.0	
100	QPSK	135	138		25.87		27.0	1.0	
100	QPSK	270	0		25.93				
100	16QAM	1	1		25.96		27.0	1.0	
100	64QAM	1	1		24.30		25.5	2.5	
100	256QAM	1	1		21.91		23.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dB)	MPR	
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)	
90	QPSK	1	1		27.00	26.94	26.94	28.0	0.0
Channel				649334	650000	650668	Tune-up limit (dB)	MPR	
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)	
80	QPSK	1	1		26.91	26.98	26.94	28.0	0.0
Channel				649000	650000	651000	Tune-up limit (dB)	MPR	
Frequency (MHz)				3735	3750	3765	limit	(dB)	
70	QPSK	1	1		27.00	26.89	26.92	28.0	0.0
Channel				648668	650000	651334	Tune-up limit (dB)	MPR	
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)	
60	QPSK	1	1		26.89	27.03	27.01	28.0	0.0
Channel				648334	650000	651668	Tune-up limit (dB)	MPR	
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)	
50	QPSK	1	1		26.98	26.87	26.94	28.0	0.0
Channel				648000	650000	652000	Tune-up limit (dB)	MPR	
Frequency (MHz)				3720	3750	3780	limit	(dB)	
40	QPSK	1	1		27.01	26.96	27.01	28.0	0.0
Channel				647668	650000	652334	Tune-up limit (dB)	MPR	
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)	
30	QPSK	1	1		27.02	26.96	27.01	28.0	0.0
Channel				647500	650000	652500	Tune-up limit (dB)	MPR	
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)	
25	QPSK	1	1		26.86	27.02	26.91	28.0	0.0
Channel				647334	650000	652668	Tune-up limit (dB)	MPR	
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)	
20	QPSK	1	1		26.99	26.93	26.94	28.0	0.0
Channel				647168	650000	652834	Tune-up limit (dB)	MPR	
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)	
15	QPSK	1	1		26.92	26.94	26.91	28.0	0.0
Channel				647000	650000	653000	Tune-up limit (dB)	MPR	
Frequency (MHz)				3705	3750	3795	limit	(dB)	
10	QPSK	1	1		26.92	26.92	26.99	28.0	0.0

Part27Q n78 Ant6 PA Default Main PA

BW [MHz]	Modulate on	RB Size	RB Offset	Power 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		25.15				
100	1/2 BPSK	1	137		25.06		25.7	0.0	
100	1/2 BPSK	1	271		25.26				
100	1/2 BPSK	135	0		25.25		25.7	0.0	
100	1/2 BPSK	135	69		25.10		25.7	0.0	
100	1/2 BPSK	135	138		25.17				
100	1/2 BPSK	270	0		25.27		25.7	0.0	
100	QPSK	1	1		25.32				
100	QPSK	1	137		25.16		25.7	0.0	
100	QPSK	1	271		24.97				
100	QPSK	135	0		25.13		25.7	0.0	
100	QPSK	135	69		25.28		25.7	0.0	
100	QPSK	135	138		25.10		25.7	0.0	
100	QPSK	270	0		25.27				
100	16QAM	1	1		25.17		25.7	0.0	
100	64QAM	1	1		24.72		25.2	0.5	
100	256QAM	1	1		22.81		23.2	2.5	
Channel				633000	633334	633668	Tune-up limit (dB)	MPR	
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)	
90	QPSK	1	1		25.30	25.28	25.20	25.7	0.0
Channel				632668	633334	634000	Tune-up limit (dB)	MPR	
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)	
80	QPSK	1	1		25.16	25.16	25.25	25.7	0.0
Channel				632334	633334	634334	Tune-up limit (dB)	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)	
70	QPSK	1	1		25.26	25.17	25.29	25.7	0.0
Channel				632000	633334	634668	Tune-up limit (dB)	MPR	
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)	
60	QPSK	1	1		25.17	25.20	25.25	25.7	0.0
Channel				631668	633334	635000	Tune-up limit (dB)	MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)	
50	QPSK	1	1		25.24	25.17	25.16	25.7	0.0
Channel				631334	633334	635334	Tune-up limit (dB)	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)	
40	QPSK	1	1		25.27	25.26	25.15	25.7	0.0
Channel				631000	633334	635668	Tune-up limit (dB)	MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)	
30	QPSK	1	1		25.30	25.29	25.23	25.7	0.0
Channel				630634	633334	635834	Tune-up limit (dB)	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)	
25	QPSK	1	1		25.25	25.27	25.25	25.7	0.0
Channel				630668	633334	636000	Tune-up limit (dB)	MPR	
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)	
20	QPSK	1	1		25.29	25.29	25.17	25.7	0.0
Channel				630500	633334	636168	Tune-up limit (dB)	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)	
15	QPSK	1	1		25.19	25.15	25.17	25.7	0.0
Channel				630334	633334	636334	Tune-up limit (dB)	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)	
10	QPSK	1	1		25.25	25.16	25.18	25.7	0.0

Part27Q n78 PC2 Ant6 Default Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		27.18				
100	1/2 BPSK	1	137		27.17		28.0	0.0	
100	1/2 BPSK	1	271		27.11				
100	1/2 BPSK	135	0		26.73		27.5	0.5	
100	1/2 BPSK	135	69		27.11		28.0	0.0	
100	1/2 BPSK	135	138		26.73		27.5	0.5	
100	1/2 BPSK	270	0		26.66				
100	QPSK	1	1		27.25				
100	QPSK	1	137		27.26		28.0	0.0	
100	QPSK	1	271		27.02				
100	QPSK	135	0		26.08		27.0	1.0	
100	QPSK	135	69		27.28		28.0	0.0	
100	QPSK	135	138		26.11		27.0	1.0	
100	QPSK	270	0		26.26				
100	16QAM	1	1		26.25		27.0	1.0	
100	16QAM	1	1		24.53		25.5	2.5	
100	256QAM	1	1		22.09		23.5	4.5	
Channel				633000	633334	633668	Tune-up limit (dB)	MPR	
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)	
90	QPSK	1	1		27.24	27.26	27.26	28.0	0.0
Channel				632668	633334	634000	Tune-up limit (dB)	MPR	
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)	
80	QPSK	1	1		27.14	27.24	27.15	28.0	0.0
Channel				632334	633334	634334	Tune-up limit (dB)	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)	
70	QPSK	1	1		27.24	27.22	27.16	28.0	0.0
Channel				632000	633334	634668	Tune-up limit (dB)	MPR	
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)	
60	QPSK	1	1		27.24	27.21	27.23	28.0	0.0
Channel				631668	633334	635000	Tune-up limit (dB)	MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)	
50	QPSK	1	1		27.13	27.26	27.27	28.0	0.0
Channel				631334	633334	635334	Tune-up limit (dB)	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)	
40	QPSK	1	1		27.13	27.25	27.19	28.0	0.0
Channel				631000	633334	635668	Tune-up limit (dB)	MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)	
30	QPSK	1	1		27.20	27.20	27.18	28.0	0.0
Channel				630634	633334	635834	Tune-up limit (dB)	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)	
25	QPSK	1	1		27.16	27.11	27.28	28.0	0.0
Channel				630668	633334	636000	Tune-up limit (dB)	MPR	
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)	
20	QPSK	1	1		27.24	27.15	27.16	28.0	0.0
Channel				630500	633334	636168	Tune-up limit (dB)	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)	
15	QPSK	1	1		27.13	27.17	27.17	28.0	0.0
Channel				630334	633334	636334	Tune-up limit (dB)	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)	
10	QPSK	1	1		27.24	27.20	27.22	28.0	0.0

n48 Part96 Ant7 Default Main PA								
BW [MHz]	Modulati on	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	22.60	22.71	22.62		
40	1/2 BPSK	1	53	22.61	22.76	22.61	24.5	0.0
40	1/2 BPSK	1	104	22.67	22.72	22.66		
40	1/2 BPSK	50	0	22.20	22.28	22.11	24.0	0.5
40	1/2 BPSK	50	28	22.53	22.70	22.54	24.5	0.0
40	1/2 BPSK	50	56	22.15	22.17	22.12		
40	1/2 BPSK	100	0	22.17	22.28	22.19	24.0	0.5
40	QPSK	1	1	22.69	22.79	22.68		
40	QPSK	1	53	22.54	22.64	22.57	24.5	0.0
40	QPSK	1	104	22.54	22.58	22.55		
40	QPSK	50	0	21.58	21.72	21.58	23.5	1.0
40	QPSK	50	28	22.62	22.77	22.66	24.5	0.0
40	QPSK	50	56	21.52	21.69	21.62	23.5	1.0
40	QPSK	100	0	21.70	21.80	21.68	23.5	1.0
40	16QAM	1	1	21.71	21.77	21.74	23.5	1.0
40	16QAM	1	1	20.16	20.25	20.16	22.0	2.5
40	256QAM	1	1	18.33	18.36	18.20	20.0	4.5
Channel				637668	641666	645666	Tune-up limit (dB)	MPR
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.66	22.74	22.51	24.5	0.0
Channel				637334	641666	646000	Tune-up limit (dB)	MPR
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.63	22.74	22.64	24.5	0.0
Channel				637168	641666	646166	Tune-up limit (dB)	MPR
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.67	22.62	22.63	24.5	0.0
Channel				637000	641666	646332	Tune-up limit (dB)	MPR
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.52	22.70	22.59	24.5	0.0

Part270 n77 Ant7 Default Main PA								
BW [MHz]	Modulation	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	22.95	23.05	22.97		
100	1/2 BPSK	1	137	22.99	23.04	22.97	24.5	0.0
100	1/2 BPSK	1	271	22.95	23.02	22.89		
100	1/2 BPSK	135	0	22.81	22.98	22.85	24.5	0.0
100	1/2 BPSK	135	69	22.87	23.02	22.98	24.5	0.0
100	1/2 BPSK	135	138	22.87	23.03	22.93	24.5	0.0
100	1/2 BPSK	270	0	22.94	22.99	22.93		
100	QPSK	1	1	22.92	23.08	23.03		
100	QPSK	1	137	22.95	23.05	22.94	24.5	0.0
100	QPSK	1	271	22.64	22.76	22.66		
100	QPSK	135	0	22.97	23.01	22.98	24.5	0.0
100	QPSK	135	69	22.93	23.03	22.89	24.5	0.0
100	QPSK	135	138	22.85	22.98	22.91	24.5	0.0
100	QPSK	270	0	22.94	23.02	22.95		
100	16QAM	1	1	22.81	22.97	22.88	24.5	0.0
100	64QAM	1	1	22.49	22.54	22.45	24.0	0.5
100	256QAM	1	1	20.33	20.44	20.38	22.0	2.5
Channel				649668	656000	662334	Tune-up limit (dB)	MPR
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.84	22.93	22.99	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dB)	MPR
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.80	22.98	22.96	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dB)	MPR
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.87	22.91	22.88	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dB)	MPR
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.79	22.92	22.95	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dB)	MPR
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.83	22.92	23.00	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dB)	MPR
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.87	23.00	22.94	24.5	0.0
Channel				647668	656000	664334	Tune-up limit (dB)	MPR
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.88	23.06	22.87	24.5	0.0
Channel				647500	656000	664500	Tune-up limit (dB)	MPR
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.79	23.00	22.95	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dB)	MPR
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.87	22.93	22.88	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dB)	MPR
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.80	22.98	22.88	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dB)	MPR
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.84	22.99	22.96	24.5	0.0

Part270 n77 PC2 Ant7 Default Main PA								
PA								
BW [MHz]	Modulat on	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	24.88	25.01	24.92		
100	1/2 BPSK	1	137	24.92	24.98	24.86	26.5	0.0
100	1/2 BPSK	1	271	24.68	24.78	24.70		
100	1/2 BPSK	135	0	24.95	24.98	24.82	26.0	0.5
100	1/2 BPSK	135	69	24.83	25.01	24.90	26.5	0.0
100	1/2 BPSK	135	138	24.41	24.55	24.41	26.0	0.5
100	1/2 BPSK	270	0	24.43	24.52	24.39		
100	QPSK	1	1	24.89	25.05	24.96		
100	QPSK	1	137	24.90	25.04	24.86	26.5	0.0
100	QPSK	1	271	24.66	24.75	24.72		
100	QPSK	135	0	24.84	24.96	24.81	25.5	1.0
100	QPSK	135	69	24.84	25.01	24.91	26.5	0.0
100	QPSK	135	138	23.84	23.96	23.89	25.5	1.0
100	QPSK	270	0	23.91	24.04	23.96		
100	16QAM	1	1	23.82	23.99	23.90	25.5	1.0
100	64QAM	1	1	22.27	22.35	22.33	24.0	2.5
100	256QAM	1	1	20.31	20.33	20.23	22.0	4.5
Channel				649668	656000	662334	Tune-up limit (dB)	MPR
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.76	25.01	24.86	26.5	0.0
Channel				649334	656000	662668	Tune-up limit (dB)	MPR
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.82	24.96	24.83	26.5	0.0
Channel				649000	656000	663000	Tune-up limit (dB)	MPR
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.87	24.88	24.80	26.5	0.0
Channel				648668	656000	663334	Tune-up limit (dB)	MPR
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.72	24.99	24.87	26.5	0.0
Channel				648334	656000	663668	Tune-up limit (dB)	MPR
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.79	25.01	24.80	26.5	0.0
Channel				648000	656000	664000	Tune-up limit (dB)	MPR
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.83	24.93	24.78	26.5	0.0
Channel				647668	656000	664334	Tune-up limit (dB)	MPR
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.74	24.96	24.83	26.5	0.0
Channel				647500	656000	664500	Tune-up limit (dB)	MPR
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.75	25.04	24.79	26.5	0.0
Channel				647334	656000	664668	Tune-up limit (dB)	MPR
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.72	25.04	24.92	26.5	0.0
Channel				647168	656000	664834	Tune-up limit (dB)	MPR
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.85	24.95	24.91	26.5	0.0
Channel				647000	656000	665000	Tune-up limit (dB)	MPR
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.87	24.89	24.84	26.5	0.0

Part27Q n77 Ant7 Default Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		23.42			
100	1/2 BPSK	1	137		23.34		24.5	0.0
100	1/2 BPSK	1	271		23.26			
100	1/2 BPSK	135	0		23.22		24.5	0.0
100	1/2 BPSK	135	69		23.34			
100	1/2 BPSK	135	138		23.38		24.5	0.0
100	1/2 BPSK	270	0		23.23			
100	QPSK	1	1		23.43			
100	QPSK	1	137		23.41		24.5	0.0
100	QPSK	1	271		23.01			
100	QPSK	135	0		23.26		24.5	0.0
100	QPSK	135	69		23.39			
100	QPSK	135	138		23.25		24.5	0.0
100	QPSK	270	0		23.33			
100	16QAM	1	1		23.23		24.5	0.0
100	64QAM	1	1		22.84		24.0	0.5
100	256QAM	1	1		20.66		22.0	2.5
Channel				633000	633334	633668	Tune-up limit (dB)	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	23.39	23.39	23.41	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dB)	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	23.29	23.26	23.40	24.5	0.0
Channel				632334	633334	634334	Tune-up limit (dB)	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	23.27	23.39	23.40	24.5	0.0
Channel				632000	633334	634668	Tune-up limit (dB)	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	23.39	23.32	23.28	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dB)	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	23.25	23.31	23.39	24.5	0.0
Channel				631334	633334	635334	Tune-up limit (dB)	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	23.30	23.32	23.28	24.5	0.0
Channel				631000	633334	635668	Tune-up limit (dB)	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	23.37	23.26	23.30	24.5	0.0
Channel				630834	633334	635834	Tune-up limit (dB)	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	23.29	23.31	23.40	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dB)	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	23.33	23.41	23.40	24.5	0.0
Channel				630500	633334	636168	Tune-up limit (dB)	MPR
Frequency (MHz)				3457.25	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	23.40	23.25	23.40	24.5	0.0
Channel				630334	633334	636334	Tune-up limit (dB)	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	23.32	23.32	23.32	24.5	0.0

Part27Q n77 PC2 Ant7 Default Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		25.32			
100	1/2 BPSK	1	137		25.39		26.5	0.0
100	1/2 BPSK	1	271		25.20			
100	1/2 BPSK	135	0		25.27		26.0	0.5
100	1/2 BPSK	135	69		25.35		26.5	0.0
100	1/2 BPSK	135	138		24.87		26.0	0.5
100	1/2 BPSK	270	0		24.89			
100	QPSK	1	1		25.45			
100	QPSK	1	137		25.38		26.5	0.0
100	QPSK	1	271		25.06			
100	QPSK	135	0		25.34		25.5	1.0
100	QPSK	135	69		25.39		26.5	0.0
100	QPSK	135	138		24.29		25.5	1.0
100	QPSK	270	0		24.42			
100	16QAM	1	1		24.39		25.5	1.0
100	64QAM	1	1		22.64		24.0	2.5
100	256QAM	1	1		20.69		22.0	4.5
Channel				633000	633334	633668	Tune-up limit (dB)	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	25.34	25.31	25.38	26.5	0.0
Channel				632668	633334	634000	Tune-up limit (dB)	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	25.39	25.29	25.40	26.5	0.0
Channel				632334	633334	634334	Tune-up limit (dB)	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	25.35	25.28	25.28	26.5	0.0
Channel				632000	633334	634668	Tune-up limit (dB)	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	25.34	25.40	25.41	26.5	0.0
Channel				631668	633334	635000	Tune-up limit (dB)	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	25.42	25.35	25.39	26.5	0.0
Channel				631334	633334	635334	Tune-up limit (dB)	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	25.33	25.41	25.30	26.5	0.0
Channel				631000	633334	635668	Tune-up limit (dB)	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	25.30	25.37	25.32	26.5	0.0
Channel				630834	633334	635834	Tune-up limit (dB)	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	25.30	25.28	25.29	26.5	0.0
Channel				630668	633334	636000	Tune-up limit (dB)	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	25.32	25.41	25.40	26.5	0.0
Channel				630500	633334	636168	Tune-up limit (dB)	MPR
Frequency (MHz)				3457.25	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	25.40	25.27	25.42	26.5	0.0
Channel				630334	633334	636334	Tune-up limit (dB)	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	25.30	25.31	25.32	26.5	0.0

Part27O n78 Ant7 Default Main PA

BW [MHz]	Modulation	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		22.80			
100	1/2 BPSK	1	137		22.85		24.5	0.0
100	1/2 BPSK	1	271		22.66			
100	1/2 BPSK	135	0		22.77		24.5	0.0
100	1/2 BPSK	135	69		22.80		24.5	0.0
100	1/2 BPSK	135	138		22.82		24.5	0.0
100	1/2 BPSK	270	0		22.78			
100	QPSK	1	1		22.85			
100	QPSK	1	137		22.83		24.5	0.0
100	QPSK	1	271		22.52			
100	QPSK	135	0		22.82		24.5	0.0
100	QPSK	135	69		22.85		24.5	0.0
100	QPSK	135	138		22.78		24.5	0.0
100	QPSK	270	0		22.78			
100	16QAM	1	1		22.63		24.5	0.0
100	64QAM	1	1		22.21		24.0	0.5
100	256QAM	1	1		20.21		22.0	2.5
Channel				649668	650000	650334	Tune-up limit (dB)	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	22.73	22.82	22.70	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dB)	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	22.71	22.84	22.74	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dB)	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	22.70	22.85	22.85	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dB)	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	22.74	22.71	22.82	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dB)	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	22.82	22.75	22.76	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dB)	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	22.83	22.70	22.75	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dB)	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	22.75	22.83	22.83	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dB)	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	22.76	22.79	22.82	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dB)	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	22.79	22.69	22.72	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dB)	MPR
Frequency (MHz)				3707.52	3750	3792.33	limit	(dB)
15	QPSK	1	1	22.81	22.81	22.81	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dB)	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	22.71	22.81	22.75	24.5	0.0

Part27O n78 PC2 Ant7 Default Main PA

BW [MHz]	Modulation	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	24.74				
100	1/2 BPSK	1	137	24.78			26.5	0.0
100	1/2 BPSK	1	271	24.65				
100	1/2 BPSK	135	0	24.61			26.0	0.5
100	1/2 BPSK	135	69	24.78			26.5	0.0
100	1/2 BPSK	135	138	24.29			26.0	0.5
100	1/2 BPSK	270	0	24.33				
100	QPSK	1	1	24.81				
100	QPSK	1	137	24.72			26.5	0.0
100	QPSK	1	271	24.63				
100	QPSK	135	0	24.67			26.5	1.0
100	QPSK	135	69	24.77			26.5	0.0
100	QPSK	135	138	23.72			25.5	1.0
100	QPSK	270	0	23.88				
100	16QAM	1	1	23.77			25.5	1.0
100	16QAM	1	1	22.23			24.0	2.5
100	256QAM	1	1	20.35			22.0	4.5
Channel				649668	650000	650334	Tune-up limit (dB)	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	24.79	24.64	24.64	26.5	0.0
Channel				649334	650000	650668	Tune-up limit (dB)	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	24.74	24.73	24.73	26.5	0.0
Channel				649000	650000	651000	Tune-up limit (dB)	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	24.65	24.76	24.72	26.5	0.0
Channel				648668	650000	651334	Tune-up limit (dB)	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	24.72	24.70	24.65	26.5	0.0
Channel				648334	650000	651668	Tune-up limit (dB)	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	24.65	24.67	24.54	26.5	0.0
Channel				648000	650000	652000	Tune-up limit (dB)	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	24.65	24.76	24.74	26.5	0.0
Channel				647668	650000	652334	Tune-up limit (dB)	MPR
Frequency (MHz)				3720.01	3750	3790.01	limit	(dB)
30	QPSK	1	1	24.75	24.63	24.70	26.5	0.0
Channel				647500	650000	652500	Tune-up limit (dB)	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	24.66	24.68	24.78	26.5	0.0
Channel				647334	650000	652668	Tune-up limit (dB)	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	24.69	24.66	24.73	26.5	0.0
Channel				647168	650000	652834	Tune-up limit (dB)	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	24.74	24.63	24.53	26.5	0.0
Channel				647000	650000	653000	Tune-up limit (dB)	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	24.63	24.78	24.64	26.5	0.0

Part27Q n78 Ant7 PA Default Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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	23.21				
100	1/2 BPSK	1	137	23.32			24.5	0.0
100	1/2 BPSK	1	271	23.13				
100	1/2 BPSK	135	0	23.25			24.5	0.0
100	1/2 BPSK	135	69	23.17			24.5	0.0
100	1/2 BPSK	135	138	23.34			24.5	0.0
100	1/2 BPSK	270	0	23.15				
100	QPSK	1	1	23.36				
100	QPSK	1	137	23.21			24.5	0.0
100	QPSK	1	271	23.02				
100	QPSK	135	0	23.31			24.5	0.0
100	QPSK	135	69	23.32			24.5	0.0
100	QPSK	135	138	23.28			24.5	0.0
100	QPSK	270	0	23.25				
100	16QAM	1	1	23.15			24.5	0.0
100	16QAM	1	1	22.61			24.0	0.5
100	256QAM	1	1	20.66			22.0	2.5
Channel				633000	633334	633668	Tune-up limit (dB)	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	23.23	23.24	23.19	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dB)	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	23.18	23.20	23.24	24.5	0.0
Channel				632334	633334	634334	Tune-up limit (dB)	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	23.21	23.31	23.24	24.5	0.0
Channel				632000	633334	634668	Tune-up limit (dB)	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	23.21	23.25	23.30	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dB)	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	23.19	23.24	23.34	24.5	0.0
Channel				631334	633334	635334	Tune-up limit (dB)	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	23.22	23.25	23.19	24.5	0.0
Channel				631000	633334	635668	Tune-up limit (dB)	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	23.26	23.26	23.23	24.5	0.0
Channel				630834	633334	635834	Tune-up limit (dB)	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	23.22	23.32	23.22	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dB)	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	23.28	23.24	23.30	24.5	0.0
Channel				630500	633334	636168	Tune-up limit (dB)	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	23.31	23.24	23.30	24.5	0.0
Channel				630334	633334	636334	Tune-up limit (dB)	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	23.29	23.28	23.25	24.5	0.0

Part27Q n78 PC2 Ant7 Default Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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	25.15				
100	1/2 BPSK	1	137	25.12			26.5	0.0
100	1/2 BPSK	1	271	25.00				
100	1/2 BPSK	135	0	25.04			26.0	0.5
100	1/2 BPSK	135	69	25.17			26.5	0.0
100	1/2 BPSK	135	138	24.76			26.0	0.5
100	1/2 BPSK	270	0	24.66				
100	QPSK	1	1	25.27				
100	QPSK	1	137	25.05			26.5	0.0
100	QPSK	1	271	25.04				
100	QPSK	135	0	25.08			25.5	1.0
100	QPSK	135	69	25.22			26.5	0.0
100	QPSK	135	138	24.06			25.5	1.0
100	QPSK	270	0	24.24				
100	16QAM	1	1	24.16			25.5	1.0
100	16QAM	1	1	22.57			24.0	2.5
100	256QAM	1	1	20.79			22.0	4.5
Channel				633000	633334	633668	Tune-up limit (dB)	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	25.24	25.20	25.23	26.5	0.0
Channel				632668	633334	634000	Tune-up limit (dB)	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	25.12	25.25	25.14	26.5	0.0
Channel				632334	633334	634334	Tune-up limit (dB)	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	25.21	25.16	25.18	26.5	0.0
Channel				632000	633334	634668	Tune-up limit (dB)	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	25.09	25.18	25.22	26.5	0.0
Channel				631668	633334	635000	Tune-up limit (dB)	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	25.19	25.18	25.10	26.5	0.0
Channel				631334	633334	635334	Tune-up limit (dB)	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	25.12	25.16	25.11	26.5	0.0
Channel				631000	633334	635668	Tune-up limit (dB)	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	25.18	25.12	25.17	26.5	0.0
Channel				630834	633334	635834	Tune-up limit (dB)	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	25.20	25.16	25.18	26.5	0.0
Channel				630668	633334	636000	Tune-up limit (dB)	MPR</

n48 Part96 Ant8 Default Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				3570	3624.99	3679.98		
Frequency (MHz)				19.68	19.82	19.80		
40	1/2 BPSK	1	1	19.68	19.82	19.80	21.5	0.0
40	1/2 BPSK	1	53	19.79	19.83	19.66		
40	1/2 BPSK	1	104	19.71	19.78	19.61		
40	1/2 BPSK	50	0	19.28	19.39	19.33	21.0	0.5
40	1/2 BPSK	50	28	19.77	19.81	19.69	21.5	0.0
40	1/2 BPSK	50	56	19.30	19.47	19.29	21.0	0.5
40	1/2 BPSK	100	0	19.24	19.39	19.32		
40	QPSK	1	1	19.80	19.85	19.82		
40	QPSK	1	53	19.59	19.73	19.69	21.5	0.0
40	QPSK	1	104	19.62	19.74	19.66		
40	QPSK	50	0	18.76	18.85	18.67	20.5	1.0
40	QPSK	50	28	19.77	19.84	19.81	21.5	0.0
40	QPSK	50	56	18.90	18.93	18.83	20.5	1.0
40	QPSK	100	0	18.76	18.88	18.82		
40	16QAM	1	1	18.77	18.87	18.78	20.5	1.0
40	64QAM	1	1	17.37	17.45	17.28	19.0	2.5
40	256QAM	1	1	15.41	15.46	15.36	17.0	4.5
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3585.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	19.67	19.81	19.73	21.5	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3580.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	19.73	19.81	19.65	21.5	0.0
Channel				637168	641666	646166	Tune-up	MPR
Frequency (MHz)				3571.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	19.71	19.72	19.71	21.5	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	19.64	19.76	19.74	21.5	0.0

Part270 n77 Ant8 Default Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				3750	3840	3930		
Frequency (MHz)				20.49	20.58	20.42		
100	1/2 BPSK	1	1	20.39	20.56	20.42	21.5	0.0
100	1/2 BPSK	1	271	20.58	20.62	20.57		
100	1/2 BPSK	135	0	20.51	20.55	20.44	21.5	0.0
100	1/2 BPSK	135	69	20.48	20.58	20.55	21.5	0.0
100	1/2 BPSK	135	135	20.36	20.53	20.49	21.5	0.0
100	1/2 BPSK	270	0	20.42	20.57	20.52		
100	QPSK	1	1	20.52	20.63	20.58		
100	QPSK	1	137	20.48	20.55	20.43	21.5	0.0
100	QPSK	1	271	20.39	20.45	20.41		
100	QPSK	135	0	20.43	20.52	20.47	21.5	0.0
100	QPSK	135	69	20.46	20.57	20.46	21.5	0.0
100	QPSK	135	135	20.45	20.55	20.47	21.5	0.0
100	QPSK	270	0	20.43	20.53	20.38		
100	16QAM	1	1	20.29	20.43	20.33	21.5	0.0
100	64QAM	1	1	19.85	19.87	19.74	21.0	0.5
100	256QAM	1	1	17.98	18.03	17.88	19.0	2.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	20.44	20.64	20.55	21.5	0.0
Channel				649334	656000	662666	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	20.39	20.55	20.46	21.5	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	20.42	20.47	20.48	21.5	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	20.42	20.60	20.48	21.5	0.0
Channel				648334	656000	663666	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	20.44	20.60	20.54	21.5	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	20.36	20.59	20.46	21.5	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	20.40	20.48	20.43	21.5	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3972.5	limit	(dB)
25	QPSK	1	1	20.37	20.51	20.53	21.5	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	20.45	20.58	20.45	21.5	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	20.38	20.54	20.54	21.5	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	20.42	20.45	20.48	21.5	0.0

Part270 n77 PC2 Ant8 Default Main PA

BW [MHz]	Modulation	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)				22.40	22.48	22.39		
100	1/2 BPSK	1	1	22.40	22.48	22.39	23.5	0.0
100	1/2 BPSK	1	137	22.45	22.53	22.39		
100	1/2 BPSK	1	271	22.44	22.51	22.42		
100	1/2 BPSK	135	0	21.85	21.98	21.85	23.0	0.5
100	1/2 BPSK	135	69	22.49	22.52	22.48	23.5	0.0
100	1/2 BPSK	135	135	21.98	22.06	21.97	23.0	0.5
100	1/2 BPSK	270	0	21.87	22.04	22.01		
100	QPSK	1	1	22.44	22.54	22.49		
100	QPSK	1	137	22.48	22.52	22.49	23.5	0.0
100	QPSK	1	271	22.37	22.46	22.32		
100	QPSK	135	0	21.50	21.54	21.49	22.5	1.0
100	QPSK	135	69	22.43	22.53	22.47	23.5	0.0
100	QPSK	135	135	21.44	21.52	21.42	22.5	1.0
100	QPSK	270	0	21.45	21.54	21.36		
100	16QAM	1	1	21.35	21.38	21.35	22.5	1.0
100	64QAM	1	1	19.31	19.46	19.42	21.0	2.5
100	256QAM	1	1	17.85	17.98	17.84	19.0	4.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	22.35	22.46	22.35	23.5	0.0
Channel				649334	656000	662666	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	22.27	22.45	22.46	23.5	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	22.33	22.49	22.42	23.5	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	22.33	22.46	22.39	23.5	0.0
Channel				648334	656000	663666	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	22.31	22.49	22.38	23.5	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	22.37	22.46	22.31	23.5	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	22.38	22.45	22.46	23.5	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3972.5	limit	(dB)
25	QPSK	1	1	22.38	22.52	22.39	23.5	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	22.40	22.46	22.34	23.5	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	22.40	22.38	22.35	23.5	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	22.38	22.51	22.32	23.5	0.0

Part27Q n77 Ant8 Default Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power 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	20.01			21.5	0.0	
100	1/2 BPSK	1	137	20.02					
100	1/2 BPSK	1	271	20.02					
100	1/2 BPSK	135	0	19.99			21.5	0.0	
100	1/2 BPSK	135	69	20.03			21.5	0.0	
100	1/2 BPSK	135	138	19.95			21.5	0.0	
100	1/2 BPSK	270	0	19.96					
100	QPSK	1	1	20.05					
100	QPSK	1	137	19.94			21.5	0.0	
100	QPSK	1	271	19.97					
100	QPSK	135	0	20.01			21.5	0.0	
100	QPSK	135	69	20.04			21.5	0.0	
100	QPSK	135	138	20.02			21.5	0.0	
100	QPSK	270	0	20.01					
100	16QAM	1	1	19.88			21.5	0.0	
100	64QAM	1	1	19.29			21.0	0.5	
100	256QAM	1	1	17.53			19.0	2.5	
Channel				633000	633334	633668	Tune-up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)	
90	QPSK	1	1	19.96	19.91	20.00	21.5	0.0	
Channel				632668	633334	634000	Tune-up	MPR	
Frequency (MHz)				3498.02	3500.01	3510.01	limit	(dB)	
80	QPSK	1	1	20.01	20.02	19.91	21.5	0.0	
Channel				632334	633334	634334	Tune-up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)	
70	QPSK	1	1	20.02	19.93	19.87	21.5	0.0	
Channel				632000	633334	634668	Tune-up	MPR	
Frequency (MHz)				3480.01	3500.01	3520.02	limit	(dB)	
60	QPSK	1	1	19.90	19.96	19.97	21.5	0.0	
Channel				631668	633334	635000	Tune-up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)	
50	QPSK	1	1	19.90	20.01	20.02	21.5	0.0	
Channel				631334	633334	635334	Tune-up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)	
40	QPSK	1	1	19.89	19.89	20.00	21.5	0.0	
Channel				631000	633334	635668	Tune-up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)	
30	QPSK	1	1	20.03	20.03	19.97	21.5	0.0	
Channel				630834	633334	635834	Tune-up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)	
25	QPSK	1	1	19.94	19.91	19.97	21.5	0.0	
Channel				630668	633334	636000	Tune-up	MPR	
Frequency (MHz)				3460.02	3500.01	3540.01	limit	(dB)	
20	QPSK	1	1	19.95	19.94	20.01	21.5	0.0	
Channel				630500	633334	636168	Tune-up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)	
15	QPSK	1	1	19.92	19.97	19.96	21.5	0.0	
Channel				630334	633334	636334	Tune-up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)	
10	QPSK	1	1	19.95	19.92	19.93	21.5	0.0	

Part27Q n77 PC2 Ant8 Default Main PA									
PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)									
100	1/2 BPSK	1	1	22.03			23.5	0.0	
100	1/2 BPSK	1	137	21.96					
100	1/2 BPSK	1	271	22.00					
100	1/2 BPSK	135	0	21.40			23.0	0.5	
100	1/2 BPSK	135	69	22.02			23.5	0.0	
100	1/2 BPSK	135	138	21.54			23.0	0.5	
100	1/2 BPSK	270	0	21.57					
100	QPSK	1	1	22.04					
100	QPSK	1	137	22.00			23.5	0.0	
100	QPSK	1	271	21.97					
100	QPSK	135	0	21.05			22.5	1.0	
100	QPSK	135	69	22.03			23.5	0.0	
100	QPSK	135	138	20.99			22.5	1.0	
100	QPSK	270	0	21.05					
100	16QAM	1	1	20.83			22.5	1.0	
100	64QAM	1	1	19.03			21.0	2.5	
100	256QAM	1	1	17.85			19.0	4.5	
Channel				633000	633334	633668	Tune-up	MPR	
Frequency (MHz)									
90	QPSK	1	1	21.94	21.99	21.94	23.5	0.0	
Channel				632668	633334	634000	Tune-up	MPR	
Frequency (MHz)									
80	QPSK	1	1	21.96	21.92	22.01	23.5	0.0	
Channel				632334	633334	634334	Tune-up	MPR	
Frequency (MHz)									
70	QPSK	1	1	21.91	21.87	21.91	23.5	0.0	
Channel				632000	633334	634668	Tune-up	MPR	
Frequency (MHz)									
60	QPSK	1	1	21.89	21.89	21.87	23.5	0.0	
Channel				631668	633334	635000	Tune-up	MPR	
Frequency (MHz)									
50	QPSK	1	1	21.92	21.86	22.00	23.5	0.0	
Channel				631334	633334	635334	Tune-up	MPR	
Frequency (MHz)									
40	QPSK	1	1	21.90	21.93	21.97	23.5	0.0	
Channel				631000	633334	635668	Tune-up	MPR	
Frequency (MHz)									
30	QPSK	1	1	21.91	21.95	21.96	23.5	0.0	
Channel				630834	633334	635834	Tune-up	MPR	
Frequency (MHz)									
25	QPSK	1	1	21.95	21.92	21.92	23.5	0.0	
Channel				630668	633334	636000	Tune-up	MPR	
Frequency (MHz)									
20	QPSK	1	1	21.90	21.98	21.89	23.5	0.0	
Channel				630500	633334	636168	Tune-up	MPR	
Frequency (MHz)									
15	QPSK	1	1	21.92	21.94	21.89	23.5	0.0	
Channel				630334	633334	636334	Tune-up	MPR	
Frequency (MHz)									
10	QPSK	1	1	21.90	22.02	21.89	23.5	0.0	

Part270 n78 Ant8 Default Main PA									
BW [MHz]	Modulat on	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	20.16			21.5	0.0	
100	1/2 BPSK	1	137	20.12					
100	1/2 BPSK	1	271	20.17					
100	1/2 BPSK	135	0	20.08			21.5	0.0	
100	1/2 BPSK	135	69	20.20			21.5	0.0	
100	1/2 BPSK	135	138	20.02			21.5	0.0	
100	1/2 BPSK	270	0	20.10			21.5	0.0	
100	QPSK	1	1	20.26					
100	QPSK	1	137	20.10					
100	QPSK	1	271	20.19					
100	QPSK	135	0	20.11			21.5	0.0	
100	QPSK	135	69	20.25			21.5	0.0	
100	QPSK	135	138	20.14			21.5	0.0	
100	QPSK	270	0	20.18					
100	16QAM	1	1	20.09			21.5	0.0	
100	64QAM	1	1	19.44			21.0	0.5	
100	256QAM	1	1	17.70			19.0	2.5	
Channel				649668	650000	650334	Tune-up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)	
90	QPSK	1	1	20.17	20.23	20.14	21.5	0.0	
Channel				649334	650000	650668	Tune-up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)	
80	QPSK	1	1	20.09	20.11	20.22	21.5	0.0	
Channel				649000	650000	651000	Tune-up	MPR	
Frequency (MHz)				3735	3750	3765	limit	(dB)	
70	QPSK	1	1	20.17	20.22	20.14	21.5	0.0	
Channel				648668	650000	651334	Tune-up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)	
60	QPSK	1	1	20.20	20.21	20.21	21.5	0.0	
Channel				648334	650000	651668	Tune-up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)	
50	QPSK	1	1	20.20	20.24	20.19	21.5	0.0	
Channel				648000	650000	652000	Tune-up	MPR	
Frequency (MHz)				3720	3750	3780	limit	(dB)	
40	QPSK	1	1	20.10	20.09	20.14	21.5	0.0	
Channel				647668	650000	652334	Tune-up	MPR	
Frequency (MHz)				3715.02	3750	3765.01	limit	(dB)	
30	QPSK	1	1	20.18	20.16	20.23	21.5	0.0	
Channel				647330	650000	652600	Tune-up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)	
25	QPSK	1	1	20.15	20.13	20.10	21.5	0.0	
Channel				647334	650000	652688	Tune-up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)	
20	QPSK	1	1	20.10	20.24	20.14	21.5	0.0	
Channel				647168	650000	652834	Tune-up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)	
15	QPSK	1	1	20.12	20.23	20.22	21.5	0.0	
Channel				647000	650000	653000	Tune-up	MPR	
Frequency (MHz)				3705	3750	3795	limit	(dB)	
10	QPSK	1	1	20.23	20.16	20.21	21.5	0.0	

Part270 n78 PC2 Ant8 Default Main PA									
BW (MHz)	Modulation	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	22.21					
100	1/2 BPSK	1	137	22.10			23.5	0.0	
100	1/2 BPSK	1	271	22.22					
100	1/2 BPSK	135	0	21.58			23.0	0.5	
100	1/2 BPSK	135	69	22.25			23.5	0.0	
100	1/2 BPSK	135	138	21.69			23.0	0.5	
100	1/2 BPSK	270	0	21.73					
100	QPSK	1	1	22.28					
100	QPSK	1	137	22.22			23.5	0.0	
100	QPSK	1	271	22.20					
100	QPSK	135	0	21.25			22.5	1.0	
100	QPSK	135	69	22.25			23.5	0.0	
100	QPSK	135	138	21.26			22.5	1.0	
100	QPSK	270	0	21.26			22.5	1.0	
100	16QAM	1	1	21.03			22.5	1.0	
100	64QAM	1	1	19.29			21.0	2.5	
100	256QAM	1	1	17.82			19.0	4.5	
Channel				649668	650000	650334	Tune-up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	limit (dBm)		
90	QPSK	1	1	22.25	22.17	22.19	23.5	0.0	
Channel				649334	650000	650668	Tune-up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	limit (dBm)		
80	QPSK	1	1	22.25	22.20	22.23	23.5	0.0	
Channel				649000	650000	651000	Tune-up	MPR	
Frequency (MHz)				3735.00	3750	3765	limit (dBm)		
70	QPSK	1	1	22.11	22.25	22.24	23.5	0.0	
Channel				648668	650000	651334	Tune-up	MPR	
Frequency (MHz)				3730.02	3750	3760.01	limit (dBm)		
60	QPSK	1	1	22.14	22.15	22.13	23.5	0.0	
Channel				648334	650000	651668	Tune-up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	limit (dBm)		
50	QPSK	1	1	22.26	22.12	22.13	23.5	0.0	
Channel				648000	650000	652000	Tune-up	MPR	
Frequency (MHz)				3720	3750	3780	limit (dBm)		
40	QPSK	1	1	22.24	22.10	22.15	23.5	0.0	
Channel				647668	650000	652334	Tune-up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	limit (dBm)		
30	QPSK	1	1	22.21	22.21	22.21	23.5	0.0	
Channel				647500	650000	652500	Tune-up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	limit (dBm)		
25	QPSK	1	1	22.21	22.12	22.25	23.5	0.0	
Channel				647334	650000	652668	Tune-up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	limit (dBm)		
20	QPSK	1	1	22.19	22.22	22.11	23.5	0.0	
Channel				647168	650000	652834	Tune-up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	limit (dBm)		
15	QPSK	1	1	22.25	22.18	22.16	23.5	0.0	
Channel				647000	650000	653000	Tune-up	MPR	
Frequency (MHz)				3705	3750	3795	limit (dBm)		
10	QPSK	1	1	22.22	22.19	22.14	23.5	0.0	

Part27Q n78 Ant8 PA Default Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power 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	19.94			21.5	0.0	
100	1/2 BPSK	1	137	20.00					
100	1/2 BPSK	1	271	20.02					
100	1/2 BPSK	135	0	20.00			21.5	0.0	
100	1/2 BPSK	135	69	20.02			21.5	0.0	
100	1/2 BPSK	135	138	20.03			21.5	0.0	
100	1/2 BPSK	270	0	19.93					
100	QPSK	1	1	20.05					
100	QPSK	1	137	19.95			21.5	0.0	
100	QPSK	1	271	20.00					
100	QPSK	135	0	20.02			21.5	0.0	
100	QPSK	135	69	20.03			21.5	0.0	
100	QPSK	135	138	19.95			21.5	0.0	
100	QPSK	270	0	20.00			21.5	0.0	
100	16QAM	1	1	19.85			21.5	0.0	
100	64QAM	1	1	19.32			21.0	0.5	
100	256QAM	1	1	17.88			19.0	2.5	
Channel				633000	633334	633668	Tune-up	MPR	
Frequency (MHz)				3485	3500.01	3505.02	limit (dB)		
90	QPSK	1	1	19.88	19.94	19.97	21.5	0.0	
Channel				632668	633334	634000	Tune-up	MPR	
Frequency (MHz)				3460.02	3500.01	3505.01	limit (dB)		
80	QPSK	1	1	19.91	19.89	19.91	21.5	0.0	
Channel				632334	633334	634334	Tune-up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit (dB)		
70	QPSK	1	1	19.94	19.95	19.93	21.5	0.0	
Channel				632000	633334	634668	Tune-up	MPR	
Frequency (MHz)				3460	3500.01	3520.02	limit (dB)		
60	QPSK	1	1	19.88	20.01	20.00	21.5	0.0	
Channel				631668	633334	635000	Tune-up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit (dB)		
50	QPSK	1	1	19.98	20.00	20.01	21.5	0.0	
Channel				631334	633334	635334	Tune-up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit (dB)		
40	QPSK	1	1	20.01	19.91	19.94	21.5	0.0	
Channel				631000	633334	635668	Tune-up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit (dB)		
30	QPSK	1	1	19.94	19.92	19.98	21.5	0.0	
Channel				630834	633334	635834	Tune-up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	limit (dB)		
25	QPSK	1	1	20.00	19.95	19.93	21.5	0.0	
Channel				630668	633334	636000	Tune-up	MPR	
Frequency (MHz)				3460.02	3500	3540	limit (dB)		
20	QPSK	1	1	19.94	19.94	19.90	21.5	0.0	
Channel				630500	633334	636168	Tune-up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	limit (dB)		
15	QPSK	1	1	19.97	19.91	19.98	21.5	0.0	
Channel				630334	633334	636334	Tune-up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit (dB)		
10	QPSK	1	1	19.94	19.91	19.89	21.5	0.0	

Part27Q n78 PC2 Ant8 Default Main PA									
BW [MHz]	Modulat on	RB Size	RB Offset	Power 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	22.01					
100	1/2 BPSK	1	137	21.84			23.5	0.0	
100	1/2 BPSK	1	271	21.98					
100	1/2 BPSK	135	0	21.37			23.0	0.5	
100	1/2 BPSK	135	69	21.99			23.5	0.0	
100	1/2 BPSK	135	138	21.53			23.0	0.5	
100	1/2 BPSK	270	0	21.50					
100	QPSK	1	1	22.04					
100	QPSK	1	137	22.02			23.5	0.0	
100	QPSK	1	271	22.02					
100	QPSK	135	0	21.02			22.5	1.0	
100	QPSK	135	69	22.03			23.5	0.0	
100	QPSK	135	138	20.99			22.5	1.0	
100	QPSK	270	0	21.04			22.5	1.0	
100	16QAM	1	1	20.75			22.5	1.0	
100	64QAM	1	1	19.12			21.0	2.5	
100	256QAM	1	1	17.55			19.0	4.5	
Channel				633000	633334	633668	Tune-up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)	
90	QPSK	1	1	21.93	21.90	21.98	23.5	0.0	
Channel				632668	633334	634000	Tune-up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)	
80	QPSK	1	1	21.53	21.69	21.89	22.5	0.0	
Channel				632334	633334	634334	Tune-up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)	
70	QPSK	1	1	21.92	21.86	22.00	23.5	0.0	
Channel				632000	633334	634668	Tune-up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)	
60	QPSK	1	1	21.96	21.94	21.95	23.5	0.0	
Channel				631668	633334	635000	Tune-up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)	
50	QPSK	1	1	21.58	22.01	21.94	23.5	0.0	
Channel				631334	633334	635334	Tune-up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)	
40	QPSK	1	1	21.97	21.90	21.93	23.5	0.0	
Channel				631000	633334	635668	Tune-up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)	
30	QPSK	1	1	22.00	21.95	21.91	23.5	0.0	
Channel				630834	633334	635834	Tune-up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)	
25	QPSK	1	1	21.88	21.99	21.97	23.5	0.0	
Channel				630668	633334	636000	Tune-up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)	
20	QPSK	1	1	21.90	22.01	21.89	23.5	0.0	
Channel				630500	633334	636168	Tune-up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)	
15	QPSK	1	1	21.97	21.92	21.88	23.5	0.0	
Channel				630334	633334	636334	Tune-up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)	
10	QPSK	1	1	22.01	21.99	21.86	23.5	0.0	

Reduced Power SA Mode for DSI1

n5 Ant0 DSI1 Main PA									
BW (MHz)	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	1/2 BPSK	1	1	24.39	24.42	24.37			
20	1/2 BPSK	1	53	24.25	24.28	24.13	25.5	0.0	
20	1/2 BPSK	1	104	24.02	24.19	24.03			
20	1/2 BPSK	50	0	23.67	23.77	23.66	25.0	0.5	
20	1/2 BPSK	50	28	23.98	24.14	23.97	25.5	0.0	
20	1/2 BPSK	50	56	23.52	23.65	23.58	25.0	0.5	
20	1/2 BPSK	100	0	23.67	23.83	23.68			
20	QPSK	1	1	24.43	24.45	24.41			
20	QPSK	1	53	24.30	24.33	24.29	25.5	0.0	
20	QPSK	1	104	24.15	24.27	24.14			
20	QPSK	50	0	23.10	23.22	23.06	24.5	1.0	
20	QPSK	50	28	24.26	24.37	24.25	25.5	0.0	
20	QPSK	50	56	23.07	23.14	22.99	24.5	1.0	
20	QPSK	100	0	23.37	23.39	23.23			
20	16QAM	1	1	23.30	23.36	23.30	24.5	1.0	
20	64QAM	1	1	21.76	21.87	21.78	23.0	2.5	
20	256QAM	1	1	19.58	19.75	19.66	21.0	4.5	
Channel				166300	167300	168300	Tune-up	MPR	
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)	
15	QPSK	1	1	24.33	24.39	24.23	25.5	0.0	
Channel				165800	167300	168800	Tune-up	MPR	
Frequency (MHz)				829	836.5	844	limit	(dB)	
10	QPSK	1	1	24.30	24.29	24.24	25.5	0.0	
Channel				165300	167300	169300	Tune-up	MPR	
Frequency (MHz)				826.5	836.5	846.5	limit	(dB)	
5	QPSK	1	1	24.31	24.28	24.34	25.5	0.0	

n5 Ant1 DSI1 Main PA								
BW (MHz)	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	1/2 BPSK	1	1	21.36	21.42	21.30	22.5	0.0
20	1/2 BPSK	1	53	21.18	21.26	21.24		
20	1/2 BPSK	1	104	21.04	21.23	21.02		
20	1/2 BPSK	50	0	21.12	21.30	21.17	22.5	0.0
20	1/2 BPSK	50	28	21.27	21.26	21.17	22.5	0.0
20	1/2 BPSK	50	56	20.99	21.13	21.04	22.5	0.0
20	1/2 BPSK	100	0	21.28	21.36	21.24		
20	QPSK	1	1	21.34	21.47	21.39		
20	QPSK	1	53	21.20	21.25	21.17	22.5	0.0
20	QPSK	1	104	21.00	21.10	21.01		
20	QPSK	50	0	21.09	21.24	21.02		
20	QPSK	50	28	21.29	21.38	21.31	22.5	0.0
20	QPSK	50	56	21.10	21.06	21.01	22.5	0.0
20	QPSK	100	0	21.35	21.47	21.25		
20	16QAM	1	1	21.23	21.39	21.35		
20	64QAM	1	1	21.25	21.34	21.28	22.5	0.0
20	256QAM	1	1	19.67	19.73	19.65	21.0	1.5
Channel				166300	167300	168300	tune-up	MPR
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)
15	QPSK	1	1	21.29	21.44	21.42	22.5	0.0
Channel				165800	167300	168800	Tune-up	MPR
Frequency (MHz)				829	836.5	844	limit	(dB)
10	QPSK	1	1	21.27	21.40	21.34	22.5	0.0
Channel				165300	167300	169300	tune-up	MPR
Frequency (MHz)				826.5	836.5	846.5	limit	(dB)
5	QPSK	1	1	21.33	21.42	21.31	22.5	0.0

n48 Part96 Ant1 DSI1 Main PA

BW [MHz]	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	17.95	17.98	17.99		
40	1/2 BPSK	1	53	17.77	17.84	17.80	19.0	0.0
40	1/2 BPSK	1	104	17.90	17.97	17.85		
40	1/2 BPSK	50	0	17.98	17.96	18.02	19.0	0.0
40	1/2 BPSK	50	28	17.83	17.91	17.76	19.0	0.0
40	1/2 BPSK	50	56	17.86	17.92	17.81		
40	1/2 BPSK	100	0	17.83	17.99	17.84	19.0	0.0
40	QPSK	1	1	17.87	18.03	17.91		
40	QPSK	1	53	17.79	17.82	17.76	19.0	0.0
40	QPSK	1	104	17.90	17.98	17.77		
40	QPSK	50	0	17.82	17.93	17.87	19.0	0.0
40	QPSK	50	28	17.79	17.94	17.88	19.0	0.0
40	QPSK	50	56	17.76	17.91	17.83	19.0	0.0
40	QPSK	100	0	17.99	18.01	17.83		
40	16QAM	1	1	17.70	17.84	17.81	19.0	0.0
40	64QAM	1	1	17.84	17.84	17.73	19.0	0.0
40	256QAM	1	1	17.96	17.98	17.91	19.0	0.0
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	17.84	17.98	17.91	19.0	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	17.87	17.95	17.86	19.0	0.0
Channel				637168	641666	646166	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	17.86	17.94	17.85	19.0	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	17.81	18.02	17.89	19.0	0.0

Part270 n77 Ant1 DSI1 Main PA

BW [MHz]	Modulation	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	17.23	17.51	17.48		
100	1/2 BPSK	1	137	17.18	17.53	17.42	18.0	0.0
100	1/2 BPSK	1	271	17.29	17.55	17.50		
100	1/2 BPSK	135	0	17.36	17.51	17.46	18.0	0.0
100	1/2 BPSK	135	69	17.45	17.58	17.50	18.0	0.0
100	1/2 BPSK	135	138	17.36	17.50	17.51		
100	1/2 BPSK	270	0	17.35	17.45	17.45	18.0	0.0
100	QPSK	1	1	17.31	17.59	17.50		
100	QPSK	1	137	17.26	17.44	17.38	18.0	0.0
100	QPSK	1	271	17.29	17.51	17.47		
100	QPSK	135	0	17.33	17.57	17.51	18.0	0.0
100	QPSK	135	69	17.20	17.58	17.49	18.0	0.0
100	QPSK	135	138	17.40	17.49	17.48	18.0	0.0
100	QPSK	270	0	17.33	17.54	17.47		
100	16QAM	1	1	17.16	17.35	17.31	18.0	0.0
100	64QAM	1	1	17.18	17.35	17.37	18.0	0.0
100	256QAM	1	1	17.15	17.29	17.16	18.0	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	17.26	17.55	17.48	18.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	17.37	17.53	17.50	18.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	17.24	17.56	17.53	18.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	17.24	17.54	17.47	18.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	17.33	17.52	17.43	18.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	17.32	17.53	17.48	18.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	17.31	17.53	17.43	18.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	17.29	17.51	17.47	18.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	17.23	17.54	17.49	18.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	17.29	17.51	17.42	18.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	17.23	17.54	17.43	18.0	0.0

Part270 n77 PC2 Ant1 DSI1 Main PA

BW [MHz]	Modulation	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	20.27	20.37	20.29		
100	1/2 BPSK	1	137	20.39	20.52	20.51	21.0	0.0
100	1/2 BPSK	1	271	20.30	20.41	20.43		
100	1/2 BPSK	135	0	20.41	20.54	20.42	21.0	0.0
100	1/2 BPSK	135	69	20.42	20.56	20.52	21.0	0.0
100	1/2 BPSK	135	138	20.42	20.52	20.42		
100	1/2 BPSK	270	0	20.39	20.55	20.56	21.0	0.0
100	QPSK	1	1	20.34	20.55	20.48		
100	QPSK	1	137	20.43	20.54	20.48	21.0	0.0
100	QPSK	1	271	20.30	20.51	20.45		
100	QPSK	135	0	20.35	20.48	20.51	21.0	0.0
100	QPSK	135	69	20.35	20.56	20.34	21.0	0.0
100	QPSK	135	138	20.45	20.55	20.53	21.0	0.0
100	QPSK	270	0	20.53	20.55	20.54		
100	16QAM	1	1	20.31	20.35	20.29	21.0	0.0
100	64QAM	1	1	19.41	19.58	19.60	21.0	0.0
100	256QAM	1	1	19.59	19.68	19.64	21.0	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	20.38	20.57	20.56	21.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	20.42	20.50	20.56	21.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	20.36	20.54	20.52	21.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	20.41	20.50	20.56	21.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	20.35	20.51	20.57	21.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	20.40	20.51	20.53	21.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	20.35	20.54	20.53	21.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	20.34	20.52	20.49	21.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	20.40	20.51	20.55	21.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	20.45	20.55	20.49	21.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	20.40	20.54	20.55	21.0	0.0

Part27Q n77 Ant1 DSI1 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				633334		3500.01		
100	1/2 BPSK	1	1	17.32			18.0	0.0
100	1/2 BPSK	1	137	17.42				
100	1/2 BPSK	1	271	17.39				
100	1/2 BPSK	135	0	17.48			18.0	0.0
100	1/2 BPSK	135	69	17.35			18.0	0.0
100	1/2 BPSK	135	138	17.35			18.0	0.0
100	1/2 BPSK	270	0	17.28			18.0	0.0
100	QPSK	1	1	17.50			18.0	0.0
100	QPSK	1	137	17.35				
100	QPSK	1	271	17.46				
100	QPSK	135	0	17.38			18.0	0.0
100	QPSK	135	69	17.49			18.0	0.0
100	QPSK	135	138	17.37			18.0	0.0
100	QPSK	270	0	17.46			18.0	0.0
100	16QAM	1	1	17.30			18.0	0.0
100	64QAM	1	1	17.26			18.0	0.0
100	256QAM	1	1	17.13			18.0	0.0
Channel								
Frequency (MHz)				633000		633668		
90	QPSK	1	1	17.31	17.43	17.41	18.0	0.0
Channel								
Frequency (MHz)				632668		634000		
80	QPSK	1	1	17.34	17.49	17.42	18.0	0.0
Channel								
Frequency (MHz)				632334		634334		
70	QPSK	1	1	17.42	17.46	17.45	18.0	0.0
Channel								
Frequency (MHz)				632000		634668		
60	QPSK	1	1	17.33	17.44	17.42	18.0	0.0
Channel								
Frequency (MHz)				631668		635000		
50	QPSK	1	1	17.33	17.48	17.43	18.0	0.0
Channel								
Frequency (MHz)				631334		635334		
40	QPSK	1	1	17.37	17.47	17.46	18.0	0.0
Channel								
Frequency (MHz)				631000		635668		
30	QPSK	1	1	17.42	17.48	17.44	18.0	0.0
Channel								
Frequency (MHz)				630668		636000		
25	QPSK	1	1	17.34	17.47	17.46	18.0	0.0
Channel								
Frequency (MHz)				630334		636334		
20	QPSK	1	1	17.34	17.43	17.49	18.0	0.0
Channel								
Frequency (MHz)				630000		636668		
15	QPSK	1	1	17.31	17.43	17.45	18.0	0.0
Channel								
Frequency (MHz)				629668		637000		
10	QPSK	1	1	17.42	17.43	17.49	18.0	0.0

Part27Q n77 PC2 Ant1 DSI1 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				633334		3500.01		
100	1/2 BPSK	1	1	20.24			21.0	0.0
100	1/2 BPSK	1	137	20.38				
100	1/2 BPSK	1	271	20.40				
100	1/2 BPSK	135	0	20.38			21.0	0.0
100	1/2 BPSK	135	69	20.43			21.0	0.0
100	1/2 BPSK	135	138	20.42			21.0	0.0
100	1/2 BPSK	270	0	20.45			21.0	0.0
100	QPSK	1	1	20.48			21.0	0.0
100	QPSK	1	137	20.39				
100	QPSK	1	271	20.34				
100	QPSK	135	0	20.45			21.0	0.0
100	QPSK	135	69	20.46			21.0	0.0
100	QPSK	135	138	20.44			21.0	0.0
100	QPSK	270	0	20.42			21.0	0.0
100	16QAM	1	1	20.28			21.0	0.0
100	64QAM	1	1	19.62			21.0	0.0
100	256QAM	1	1	19.52			21.0	0.0
Channel								
Frequency (MHz)				633000		633668		
90	QPSK	1	1	20.30	20.34	20.34	21.0	0.0
Channel								
Frequency (MHz)				632668		634000		
80	QPSK	1	1	20.31	20.35	20.40	21.0	0.0
Channel								
Frequency (MHz)				632334		634334		
70	QPSK	1	1	20.38	20.35	20.42	21.0	0.0
Channel								
Frequency (MHz)				632000		634668		
60	QPSK	1	1	20.35	20.37	20.41	21.0	0.0
Channel								
Frequency (MHz)				631668		635000		
50	QPSK	1	1	20.40	20.36	20.42	21.0	0.0
Channel								
Frequency (MHz)				631334		635334		
40	QPSK	1	1	20.31	20.35	20.41	21.0	0.0
Channel								
Frequency (MHz)				631000		635668		
30	QPSK	1	1	20.41	20.37	20.34	21.0	0.0
Channel								
Frequency (MHz)				630668		636000		
25	QPSK	1	1	20.32	20.29	20.35	21.0	0.0
Channel								
Frequency (MHz)				630334		636334		
20	QPSK	1	1	20.35	20.38	20.41	21.0	0.0
Channel								
Frequency (MHz)				630000		636668		
15	QPSK	1	1	20.39	20.33	20.40	21.0	0.0
Channel								
Frequency (MHz)				629668		637000		
10	QPSK	1	1	20.38	20.36	20.42	21.0	0.0

Part27O n78 Ant1 DSI1 Main PA

BW [MHz]	Modulation	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	16.99			18.0	0.0
100	1/2 BPSK	1	137	17.21				
100	1/2 BPSK	1	271	17.00				
100	1/2 BPSK	135	0	17.18			18.0	0.0
100	1/2 BPSK	135	69	17.04			18.0	0.0
100	1/2 BPSK	135	138	17.11			18.0	0.0
100	1/2 BPSK	270	0	17.09			18.0	0.0
100	QPSK	1	1	17.24			18.0	0.0
100	QPSK	1	137	17.12				
100	QPSK	1	271	17.08				
100	QPSK	135	0	17.07			18.0	0.0
100	QPSK	135	69	17.20			18.0	0.0
100	QPSK	135	138	17.09			18.0	0.0
100	QPSK	270	0	17.16			18.0	0.0
100	16QAM	1	1	16.97			18.0	0.0
100	64QAM	1	1	16.87			18.0	0.0
100	256QAM	1	1	16.77			18.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3765.01	limit (dB)	
90	QPSK	1	1	17.16	17.17	17.15	18.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit (dB)	
80	QPSK	1	1	17.23	17.12	17.09	18.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	limit (dB)	
70	QPSK	1	1	17.14	17.16	17.08	18.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit (dB)	
60	QPSK	1	1	17.14	17.15	17.06	18.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit (dB)	
50	QPSK	1	1	17.15	17.15	17.08	18.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	limit (dB)	
40	QPSK	1	1	17.22	17.15	17.07	18.0	0.0
Channel				647668	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit (dB)	
30	QPSK	1	1	17.19	17.16	17.08	18.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit (dB)	
25	QPSK	1	1	17.14	17.14	17.06	18.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit (dB)	
20	QPSK	1	1	17.12	17.13	17.13	18.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit (dB)	
15	QPSK	1	1	17.17	17.13	17.06	18.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	limit (dB)	
10	QPSK	1	1	17.13	17.11	17.05	18.0	0.0

Part270 n78 PC2 Ant1 DSI1 Main PA

BW [MHz]	Modulat on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750	650000			
100	1/2 BPSK	1	1	19.95			21.0	0.0
100	1/2 BPSK	1	137	20.15				
100	1/2 BPSK	1	271	20.11				
100	1/2 BPSK	135	0	20.08			20.5	0.5
100	1/2 BPSK	135	69	20.19			21.0	0.0
100	1/2 BPSK	135	138	20.13			20.5	0.5
100	1/2 BPSK	270	0	20.16				
100	QPSK	1	1	20.26			21.0	0.0
100	QPSK	1	137	20.19				
100	QPSK	1	271	20.24				
100	QPSK	135	0	20.18			21.0	0.0
100	QPSK	135	69	20.23			21.0	0.0
100	QPSK	135	138	20.21			21.0	0.0
100	QPSK	270	0	20.21				
100	16QAM	1	1	20.03			21.0	0.0
100	64QAM	1	1	19.29			21.0	0.0
100	256QAM	1	1	19.32			21.0	0.0
Channel								
Frequency (MHz)				646668	650000	650334	Tune-up	MPR
90	QPSK	1	1	3745.02	3750	3755.01	limit	(dB)
Channel				640334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	20.12	20.22	20.18	21.0	0.0
Channel								
Frequency (MHz)				640000	650000	651000	Tune-up	MPR
70	QPSK	1	1	3735	3750	3765	limit	(dB)
Channel								
Frequency (MHz)				646668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	20.11	20.25	20.17	21.0	0.0
Channel								
Frequency (MHz)				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	20.12	20.15	20.15	21.0	0.0
Channel								
Frequency (MHz)				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	20.15	20.24	20.13	21.0	0.0
Channel								
Frequency (MHz)				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	20.12	20.18	20.15	21.0	0.0
Channel								
Frequency (MHz)				647500	650000	652000	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	20.18	20.18	20.15	21.0	0.0
Channel								
Frequency (MHz)				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	20.12	20.20	20.08	21.0	0.0
Channel								
Frequency (MHz)				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	20.19	20.19	20.11	21.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	20.18	20.23	20.09	21.0	0.0

Part270Q n78 Ant1 DSI1 Main PA

BW [MHz]	Modulat on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3500.01	633334			
100	1/2 BPSK	1	1	17.03			18.0	0.0
100	1/2 BPSK	1	137	17.20				
100	1/2 BPSK	1	271	17.19				
100	1/2 BPSK	135	0	17.30			18.0	0.0
100	1/2 BPSK	135	69	17.18			18.0	0.0
100	1/2 BPSK	135	138	17.26			18.0	0.0
100	1/2 BPSK	270	0	17.19				
100	QPSK	1	1	17.35			18.0	0.0
100	QPSK	1	137	17.26				
100	QPSK	1	271	17.09				
100	QPSK	135	0	17.14			18.0	0.0
100	QPSK	135	69	17.34			18.0	0.0
100	QPSK	135	138	17.05			18.0	0.0
100	QPSK	270	0	17.25				
100	16QAM	1	1	17.02			18.0	0.0
100	64QAM	1	1	17.04			18.0	0.0
100	256QAM	1	1	17.03			18.0	0.0
Channel								
Frequency (MHz)				633000	633334	633668	Tune-up	MPR
90	QPSK	1	1	3495	3500.01	3505.02	limit	(dB)
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	17.25	17.18	17.12	18.0	0.0
Channel								
Frequency (MHz)				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	17.20	17.14	17.16	18.0	0.0
Channel								
Frequency (MHz)				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	17.10	17.26	17.15	18.0	0.0
Channel								
Frequency (MHz)				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	17.24	17.16	17.21	18.0	0.0
Channel								
Frequency (MHz)				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	17.25	17.19	17.11	18.0	0.0
Channel								
Frequency (MHz)				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	17.21	17.25	17.10	18.0	0.0
Channel								
Frequency (MHz)				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	17.22	17.18	17.09	18.0	0.0
Channel								
Frequency (MHz)				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	17.23	17.21	17.09	18.0	0.0
Channel								
Frequency (MHz)				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	17.28	17.17	17.16	18.0	0.0
Channel								
Frequency (MHz)				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	17.27	17.20	17.13	18.0	0.0

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BW [MHz]	Modulat on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1		20.08		21.0	0.0
100	1/2 BPSK	1	137		20.27			
100	1/2 BPSK	1	271		20.14			
100	1/2 BPSK	135	0		20.26		21.0	0.0
100	1/2 BPSK	135	69		20.25		21.0	0.0
100	1/2 BPSK	135	138		20.31		21.0	0.0
100	1/2 BPSK	270	0		20.33			
100	QPSK	1	1		20.37		21.0	0.0
100	QPSK	1	137		20.35			
100	QPSK	1	271		20.26			
100	QPSK	135	0		20.31		21.0	0.0
100	QPSK	135	69		20.35		21.0	0.0
100	QPSK	135	138		20.33		21.0	0.0
100	QPSK	270	0		20.33			
100	16QAM	1	1		20.15		21.0	0.0
100	64QAM	1	1		19.53		21.0	0.0
100	256QAM	1	1		19.56		21.0	0.0
Channel								
Frequency (MHz)				633000	633334	633668	Tune-up	MPR
90	QPSK	1	1	3495	3500.01	3505.02	limit	(dB)
Channel								
Frequency (MHz)				632668	633334	634000	Tune-up	MPR
80	QPSK	1	1	3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	20.27	20.33	20.18	21.0	0.0
Channel								
Frequency (MHz)				632334	633334	634334	Tune-up	MPR
70	QPSK	1	1	3485.01	3500.01	3515	limit	(dB)
70	QPSK	1	1	20.29	20.33	20.26	21.0	0.0
Channel								
Frequency (MHz)				632000	633334	634668	Tune-up	MPR
60	QPSK	1	1	3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	20.26	20.29	20.18	21.0	0.0
Channel								
Frequency (MHz)				631668	633334	635000	Tune-up	MPR
50	QPSK	1	1	3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	20.26	20.26	20.22	21.0	0.0
Channel								
Frequency (MHz)				631334	633334	635334	Tune-up	MPR
40	QPSK	1	1	3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	20.20	20.28	20.19	21.0	0.0
Channel								
Frequency (MHz)				631000	633334	635668	Tune-up	MPR
30	QPSK	1	1	3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	20.21	20.29	20.15	21.0	0.0
Channel								
Frequency (MHz)				630834	633334	635834	Tune-up	MPR
25	QPSK	1	1	3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	20.19	20.31	20.27	21.0	0.0
Channel								
Frequency (MHz)				630500	633334	636000	Tune-up	MPR
20	QPSK	1	1	3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	20.25	20.33	20.21	21.0	0.0
Channel								
Frequency (MHz)				630500	633334	636168	Tune-up	MPR
15	QPSK	1	1	3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	20.27	20.26	20.22	21.0	0.0
Channel								
Frequency (MHz)				630334	633334	636334	Tune-up	MPR
10	QPSK	1	1	3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	20.23	20.32	20.24	21.0	0.0

n2 Ant2 DSI1 Main PA

BW [MHz]	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	1/2 BPSK	1	1	18.83	18.94	18.76		
40	1/2 BPSK	1	108	18.73	18.85	18.62	20.0	0.0
40	1/2 BPSK	1	214	18.82	18.98	18.89		
40	1/2 BPSK	108	0	18.54	18.76	18.71	20.0	0.0
40	1/2 BPSK	108	54	18.77	18.83	18.68	20.0	0.0
40	1/2 BPSK	108	108	18.80	18.91	18.81	20.0	0.0
40	1/2 BPSK	216	0	18.31	18.37	18.29		
40	QPSK	1	1	18.87	19.01	18.97		
40	QPSK	1	108	18.62	18.83	18.67	20.0	0.0
40	QPSK	1	214	18.95	18.99	18.85		
40	QPSK	108	0	18.74	18.72	18.60	20.0	0.0
40	QPSK	108	54	18.94	18.98	18.93	20.0	0.0
40	QPSK	108	108	18.82	18.91	18.75	20.0	0.0
40	QPSK	216	0	18.72	18.86	18.84		
40	16QAM	1	1	18.51	18.59	18.51	20.0	0.0
40	64QAM	1	1	18.54	18.66	18.61	20.0	0.0
40	256QAM	1	1	18.61	18.65	18.61	20.0	0.0
Channel				373500	376000	378500	Tune-up MPR	
Frequency (MHz)				1867.5	1880	1892.5	limit (dB)	
35	QPSK	1	1	18.71	18.90	18.88	20.0	0.0
Channel				373000	376000	379000	Tune-up MPR	
Frequency (MHz)				1865	1880	1895	limit (dB)	
30	QPSK	1	1	18.72	18.91	18.90	20.0	0.0
Channel				372500	376000	379500	Tune-up MPR	
Frequency (MHz)				1862.5	1880	1897.5	limit (dB)	
25	QPSK	1	1	18.80	18.91	18.96	20.0	0.0
Channel				372000	376000	380000	Tune-up MPR	
Frequency (MHz)				1860	1880	1900	limit (dB)	
20	QPSK	1	1	18.77	18.79	18.98	20.0	0.0
Channel				371500	376000	380500	Tune-up MPR	
Frequency (MHz)				1857.5	1860	1902.5	limit (dB)	
15	QPSK	1	1	18.77	18.88	18.92	20.0	0.0
Channel				371000	376000	381000	Tune-up MPR	
Frequency (MHz)				1855	1880	1905	limit (dB)	
10	QPSK	1	1	18.79	18.91	18.91	20.0	0.0
Channel				370500	376000	381500	Tune-up MPR	
Frequency (MHz)				1852.5	1860	1907.5	limit (dB)	
5	QPSK	1	1	18.75	18.80	18.90	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	16.41	16.46	16.20		
40	1/2 BPSK	1	108	16.17	16.23	16.29	17.5	0.0
40	1/2 BPSK	1	214	16.35	16.43	16.43		
40	1/2 BPSK	108	0	16.15	16.28	16.08	17.5	0.0
40	1/2 BPSK	108	54	16.27	16.24	16.14	17.5	0.0
40	1/2 BPSK	108	108	16.28	16.42	16.32	17.5	0.0
40	1/2 BPSK	216	0	15.83	16.00	15.94		
40	QPSK	1	1	16.44	16.45	16.43		
40	QPSK	1	108	16.14	16.27	16.22	17.5	0.0
40	QPSK	1	214	16.47	16.44	16.41		
40	QPSK	108	0	16.20	16.31	16.03	17.5	0.0
40	QPSK	108	54	16.30	16.45	16.43	17.5	0.0
40	QPSK	108	108	16.25	16.31	16.25	17.5	0.0
40	QPSK	216	0	16.28	16.39	16.36		
40	16QAM	1	1	16.14	16.36	15.85	17.5	0.0
40	64QAM	1	1	15.90	16.02	16.01	17.5	0.0
40	256QAM	1	1	16.12	16.11	16.07	17.5	0.0
Channel				503500	507000	510500	Tune-up MPR	
Frequency (MHz)				2517.5	2535	2552.5	limit (dB)	
35	QPSK	1	1	16.37	16.41	16.41	17.5	0.0
Channel				503000	507000	511000	Tune-up MPR	
Frequency (MHz)				2515	2535	2555	limit (dB)	
30	QPSK	1	1	16.38	16.38	16.43	17.5	0.0
Channel				502500	507000	511500	Tune-up MPR	
Frequency (MHz)				2512.5	2535	2557.5	limit (dB)	
25	QPSK	1	1	16.36	16.42	16.36	17.5	0.0
Channel				502000	507000	512000	Tune-up MPR	
Frequency (MHz)				2510	2535	2560	limit (dB)	
20	1/2 BPSK	1	1	16.41	16.45	16.35	17.5	0.0
Channel				501500	507000	512500	Tune-up MPR	
Frequency (MHz)				2507.5	2535	2562.5	limit (dB)	
15	QPSK	1	1	16.38	16.43	16.42	17.5	0.0
Channel				501000	507000	513000	Tune-up MPR	
Frequency (MHz)				2505	2535	2565	limit (dB)	
10	QPSK	1	1	16.35	16.35	16.34	17.5	0.0
Channel				500500	507000	513500	Tune-up MPR	
Frequency (MHz)				2502.5	2535	2567.5	limit (dB)	
5	QPSK	1	1	16.41	16.40	16.42	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	19.15	19.22	18.93		
40	1/2 BPSK	1	108	18.96	19.04	18.96	20.0	0.0
40	1/2 BPSK	1	214	19.16	19.28	19.07		
40	1/2 BPSK	108	0	18.94	18.99	18.94	20.0	0.0
40	1/2 BPSK	108	54	19.10	19.08	18.95	20.0	0.0
40	1/2 BPSK	108	108	19.02	19.19	19.03	20.0	0.0
40	1/2 BPSK	216	0	18.63	18.58	18.54		
40	QPSK	1	1	19.19	19.34	19.22		
40	QPSK	1	108	19.04	19.11	18.83	20.0	0.0
40	QPSK	1	214	19.27	19.33	19.00		
40	QPSK	108	0	18.92	19.12	18.86	20.0	0.0
40	QPSK	108	54	19.06	19.31	19.08	20.0	0.0
40	QPSK	108	108	19.05	19.00	18.98	20.0	0.0
40	QPSK	216	0	18.98	19.24	19.15		
40	16QAM	1	1	18.85	18.85	18.77	20.0	0.0
40	64QAM	1	1	18.66	18.95	18.82	20.0	0.0
40	256QAM	1	1	18.95	18.96	18.76	20.0	0.0
Channel				345500	349000	352500	Tune-up MPR	
Frequency (MHz)				1727.5	1745	1762.5	limit (dB)	
35	QPSK	1	1	19.21	19.25	19.03	20.0	0.0
Channel				345000	349000	353000	Tune-up MPR	
Frequency (MHz)				1725	1745	1765	limit (dB)	
30	QPSK	1	1	19.14	19.19	19.08	20.0	0.0
Channel				344500	349000	353500	Tune-up MPR	
Frequency (MHz)				1722.5	1745	1767.5	limit (dB)	
25	QPSK	1	1	19.16	19.26	19.12	20.0	0.0
Channel				344000	349000	354000	Tune-up MPR	
Frequency (MHz)				1720	1745	1770	limit (dB)	
20	QPSK	1	1	19.20	19.27	19.11	20.0	0.0
Channel				343500	349000	354500	Tune-up MPR	
Frequency (MHz)				1717.5	1745	1772.5	limit (dB)	
15	QPSK	1	1	19.17	19.23	19.10	20.0	0.0
Channel				343000	349000	355000	Tune-up MPR	
Frequency (MHz)				1715	1745	1775	limit (dB)	
10	QPSK	1	1	19.20	19.23	19.09	20.0	0.0
Channel				342500	349000	355500	Tune-up MPR	
Frequency (MHz)				1712.5	1745	1777.5	limit (dB)	
5	QPSK	1	1	19.13	19.24	19.12	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				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	16.54	16.64	16.52		17.5	0.0
40	1/2 BPSK	1	53	16.16	16.41	16.15			
40	1/2 BPSK	1	104	16.29	16.25	16.23			
40	1/2 BPSK	50	0	16.39	16.42	16.27	17.5	0.0	
40	1/2 BPSK	50	28	16.42	16.40	16.25	17.5	0.0	
40	1/2 BPSK	50	59	16.24	16.33	16.26		17.5	0.0
40	1/2 BPSK	100	0	16.47	16.44	16.35			
40	QPSK	1	1	16.62	16.65	16.60			
40	QPSK	1	53	16.31	16.48	16.31	17.5	0.0	
40	QPSK	1	104	16.37	16.36	16.29		17.5	0.0
40	QPSK	50	0	16.40	16.47	16.37			
40	QPSK	50	28	16.42	16.50	16.41	17.5	0.0	
40	QPSK	50	59	16.14	16.23	16.19	17.5	0.0	
40	QPSK	100	0	16.41	16.44	16.38		17.5	0.0
40	16QAM	1	1	16.38	16.50	16.27	17.5		
40	64QAM	1	1	16.24	16.37	16.28	17.5		
40	256QAM	1	1	16.28	16.38	16.20	17.5	0.0	
Channel				517002	519000	520998	Tune-up	MPR	
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)	
30	QPSK	1	1	16.45	16.50	16.47	17.5	0.0	
Channel				516504	519000	521496	Tune-up	MPR	
Frequency (MHz)				2592.52	2595	2607.48	limit	(dB)	
25	QPSK	1	1	16.51	16.44	16.46	17.5	0.0	
Channel				516000	519000	522000	Tune-up	MPR	
Frequency (MHz)				2580	2595	2610	limit	(dB)	
20	QPSK	1	1	16.45	16.48	16.39	17.5	0.0	
Channel				515502	519000	522498	Tune-up	MPR	
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)	
15	QPSK	1	1	16.52	16.51	16.38	17.5	0.0	
Channel				515004	519000	522996	Tune-up	MPR	
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)	
10	QPSK	1	1	16.45	16.53	16.44	17.5	0.0	

n41 Ant2 DSI1 Main PA									
BW [MHz]	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	16.50	16.61	16.49		17.5	0.0
100	1/2 BPSK	1	137	16.15	16.25	16.15			
100	1/2 BPSK	1	271	16.23	16.25	16.21			
100	1/2 BPSK	135	0	16.40	16.47	16.24	17.5	0.0	
100	1/2 BPSK	135	69	16.36	16.49	16.31	17.5	0.0	
100	1/2 BPSK	135	138	16.35	16.37	16.25		17.5	0.0
100	1/2 BPSK	270	0	16.45	16.52	16.22			
100	QPSK	1	1	16.46	16.68	16.36			
100	QPSK	1	137	16.57	16.43	16.60	17.5	0.0	
100	QPSK	1	271	16.35	16.39	16.36		17.5	0.0
100	QPSK	135	0	16.30	16.40	16.35			
100	QPSK	135	69	16.35	16.43	16.32	17.5	0.0	
100	QPSK	135	138	16.07	16.18	16.20	17.5	0.0	
100	QPSK	270	0	16.40	16.49	16.28		17.5	0.0
100	16QAM	1	1	16.36	16.50	16.20	17.5		
100	64QAM	1	1	16.21	16.43	16.29	17.5		
100	256QAM	1	1	16.34	16.37	16.24	17.5	0.0	
Channel				508200	518598	528996	Tune-up	MPR	
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)	
90	QPSK	1	1	16.41	16.57	16.48	17.5	0.0	
Channel				507204	518598	529998	Tune-up	MPR	
Frequency (MHz)				2533.02	2592.99	2649.99	limit	(dB)	
80	QPSK	1	1	16.49	16.61	16.43	17.5	0.0	
Channel				506202	518598	531000	Tune-up	MPR	
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)	
70	QPSK	1	1	16.48	16.54	16.54	17.5	0.0	
Channel				505200	518598	531996	Tune-up	MPR	
Frequency (MHz)				2529	2592.99	2659.98	limit	(dB)	
60	QPSK	1	1	16.52	16.65	16.58	17.5	0.0	
Channel				504204	518598	532998	Tune-up	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)	
50	QPSK	1	1	16.49	16.58	16.53	17.5	0.0	
Channel				503202	518598	534000	Tune-up	MPR	
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)	
40	QPSK	1	1	16.45	16.64	16.50	17.5	0.0	
Channel				502200	518598	534996	Tune-up	MPR	
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)	
30	QPSK	1	1	16.41	16.60	16.50	17.5	0.0	
Channel				502200	518598	534996	Tune-up	MPR	
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)	
25	QPSK	1	1	16.47	16.54	16.49	0.0	0.0	
Channel				501204	518598	535998	Tune-up	MPR	
Frequency (MHz)				2606.02	2592.99	2679.99	limit	(dB)	
20	QPSK	1	1	16.49	16.60	16.54	17.5	0.0	
Channel				500700	518598	536496	Tune-up	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)	
15	QPSK	1	1	16.43	16.60	16.54	17.5	0.0	
Channel				500202	518598	537000	Tune-up	MPR	
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)	
10	QPSK	1	1	16.49	16.63	16.53	17.5	0.0	

n2 Ant3 DSI1 Main PA

BW [MHz]	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)				1670	1880	1890		
40	1/2 BPSK	1	1	23.32	23.47	23.36	25.0	0.0
40	1/2 BPSK	1	108	23.28	23.38	23.22		
40	1/2 BPSK	1	214	23.41	23.50	23.33		
40	1/2 BPSK	108	0	22.60	22.72	22.69	24.5	0.5
40	1/2 BPSK	108	54	23.14	23.29	23.13	25.0	0.0
40	1/2 BPSK	108	108	22.77	22.89	22.83	24.5	0.5
40	1/2 BPSK	216	0	22.93	22.98	22.84		
40	QPSK	1	1	23.46	23.51	23.45		
40	QPSK	1	108	23.33	23.40	23.24	25.0	0.0
40	QPSK	1	214	23.37	23.46	23.43		
40	QPSK	108	0	22.38	22.43	22.38	24.0	1.0
40	QPSK	108	54	23.33	23.48	23.38	25.0	0.0
40	QPSK	108	108	22.40	22.50	22.47		
40	QPSK	216	0	22.40	22.52	22.35	24.0	1.0
40	16QAM	1	1	22.11	22.27	22.21	24.0	1.0
40	64QAM	1	1	20.70	20.80	20.75	22.5	2.5
40	256QAM	1	1	18.83	18.87	18.80	20.5	4.5
Channel				372500	376000	378500	Tune-up	MPR
Frequency (MHz)				1867.5	1880	1892.5	limit	(dB)
35	QPSK	1	1	23.45	23.40	23.29	0.0	0.0
Channel				373000	376000	379000	Tune-up	MPR
Frequency (MHz)				1865	1880	1895	limit	(dB)
30	QPSK	1	1	23.32	23.46	23.41	25.0	0.0
Channel				372500	376000	379500	Tune-up	MPR
Frequency (MHz)				1862.5	1880	1897.5	limit	(dB)
25	QPSK	1	1	23.37	23.48	23.35	0.0	0.0
Channel				372000	376000	380000	Tune-up	MPR
Frequency (MHz)				1860	1880	1900	limit	(dB)
20	QPSK	1	1	23.45	23.37	23.41	0.0	0.0
Channel				371500	376000	380500	Tune-up	MPR
Frequency (MHz)				1857.5	1880	1902.5	limit	(dB)
15	QPSK	1	1	23.31	23.44	23.40	25.0	0.0
Channel				371000	376000	381000	Tune-up	MPR
Frequency (MHz)				1855	1880	1905	limit	(dB)
10	QPSK	1	1	23.44	23.42	23.28	25.0	0.0
Channel				370500	376000	381500	Tune-up	MPR
Frequency (MHz)				1852.5	1880	1907.5	limit	(dB)
5	QPSK	1	1	23.37	23.46	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	23.46	23.53	23.40	25.0	0.0
40	1/2 BPSK	1	108	23.41	23.56	23.30		
40	1/2 BPSK	1	214	23.58	23.55	23.46		
40	1/2 BPSK	108	0	22.72	22.87	22.76	24.5	0.5
40	1/2 BPSK	108	54	23.19	23.37	23.19	25.0	0.0
40	1/2 BPSK	108	108	22.83	22.93	22.93	24.5	0.5
40	1/2 BPSK	216	0	22.95	23.07	22.89		
40	QPSK	1	1	23.56	23.52	23.54		
40	QPSK	1	108	23.50	23.50	23.32	25.0	0.0
40	QPSK	1	214	23.52	23.51	23.56		
40	QPSK	108	0	22.41	22.60	22.46	24.0	1.0
40	QPSK	108	54	23.41	23.55	23.51	25.0	0.0
40	QPSK	108	108	22.45	22.66	22.52		
40	QPSK	216	0	22.49	22.62	22.43	24.0	1.0
40	16QAM	1	1	22.20	22.43	22.24	24.0	1.0
40	64QAM	1	1	20.73	20.84	20.88	22.5	2.5
40	256QAM	1	1	18.86	18.97	18.96	20.5	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	23.51	23.52	23.44	25.0	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	23.45	23.55	23.51	25.0	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	23.52	23.52	23.52	25.0	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	1/2 BPSK	1	1	23.46	23.45	23.38	25.0	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	23.42	23.57	23.46	25.0	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	23.56	23.55	23.41	25.0	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2572.5	limit	(dB)
5	QPSK	1	1	23.50	23.56	23.53	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	23.51	23.67	23.54	25.0	0.0
40	1/2 BPSK	1	108	23.53	23.59	23.49		
40	1/2 BPSK	1	214	23.62	23.65	23.50		
40	1/2 BPSK	108	0	22.85	22.88	22.83	24.5	0.5
40	1/2 BPSK	108	54	23.35	23.54	23.39	25.0	0.0
40	1/2 BPSK	108	108	22.94	23.03	23.00	24.5	0.5
40	1/2 BPSK	216	0	23.10	23.24	23.00		
40	QPSK	1	1	23.74	23.75	23.71		
40	QPSK	1	108	23.55	23.53	23.49	25.0	0.0
40	QPSK	1	214	23.64	23.72	23.59		
40	QPSK	108	0	22.53	22.61	22.56	24.0	1.0
40	QPSK	108	54	23.52	23.69	23.52	25.0	0.0
40	QPSK	108	108	22.55	22.65	22.64		
40	QPSK	216	0	22.58	22.66	22.62	24.0	1.0
40	16QAM	1	1	22.25	22.47	22.41	24.0	1.0
40	64QAM	1	1	20.94	20.97	20.96	22.5	2.5
40	256QAM	1	1	18.96	19.04	18.93	20.5	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	23.62	23.68	23.58	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	23.63	23.71	23.54	25.0	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	23.69	23.69	23.68	25.0	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	23.56	23.60	23.62	25.0	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	23.69	23.62	23.68	25.0	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	23.61	23.69	23.64	25.0	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	23.68	23.67	23.55	25.0	0.0

n38 Ant3 DSI1 Main PA

BW [MHz]	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	23.49	23.66	23.61		
40	1/2 BPSK	1	53	23.42	23.53	23.39	25.0	0.0
40	1/2 BPSK	1	104	23.58	23.70	23.50		
40	1/2 BPSK	50	0	22.76	22.99	22.87	24.5	0.5
40	1/2 BPSK	50	28	23.38	23.54	23.29	25.0	0.0
40	1/2 BPSK	50	59	23.00	23.03	23.05		
40	1/2 BPSK	100	0	23.17	23.18	23.09	24.5	0.5
40	QPSK	1	1	23.08	23.71	23.65		
40	QPSK	1	53	23.45	23.66	23.40	25.0	0.0
40	QPSK	1	104	23.53	23.69	23.59		
40	QPSK	50	0	22.54	22.61	22.65	24.0	1.0
40	QPSK	50	28	23.48	23.68	23.59	25.0	0.0
40	QPSK	50	59	22.53	22.66	22.61	24.0	1.0
40	QPSK	100	0	22.56	22.71	22.61		
40	16QAM	1	1	22.36	22.48	22.46	24.0	1.0
40	64QAM	1	1	20.88	20.97	20.90	22.5	2.5
40	256QAM	1	1	19.00	19.14	19.06	20.5	4.5
Channel				517002	519000	520998	Tune-up	MPR
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)
30	QPSK	1	1	23.65	23.66	23.55	25.0	0.0
Channel				516504	519000	521496	Tune-up	MPR
Frequency (MHz)				2592.52	2595	2607.48	limit	(dB)
25	QPSK	1	1	23.61	23.68	23.63	25.0	0.0
Channel				516000	519000	522000	Tune-up	MPR
Frequency (MHz)				2580	2595	2610	limit	(dB)
20	QPSK	1	1	23.50	23.69	23.61	25.0	0.0
Channel				515502	519000	522498	Tune-up	MPR
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)
15	QPSK	1	1	23.59	23.64	23.52	25.0	0.0
Channel				515004	519000	522996	Tune-up	MPR
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)
10	QPSK	1	1	23.54	23.68	23.53	25.0	0.0

n41 Ant3 DSI1 Main PA

BW [MHz]	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	23.55	23.75	23.70		
100	1/2 BPSK	1	137	23.57	23.70	23.47	25.0	0.0
100	1/2 BPSK	1	271	23.67	23.81	23.54		
100	1/2 BPSK	135	0	22.81	23.07	22.90	24.5	0.5
100	1/2 BPSK	135	69	23.42	23.72	23.36	25.0	0.0
100	1/2 BPSK	135	138	23.19	23.18	23.10		
100	1/2 BPSK	270	0	23.21	23.27	23.14	24.5	0.5
100	QPSK	1	1	23.72	23.83	23.82		
100	QPSK	1	137	23.59	23.81	23.55	25.0	0.0
100	QPSK	1	271	23.63	23.81	23.73		
100	QPSK	135	0	22.69	22.72	22.84	24.0	1.0
100	QPSK	135	69	23.52	23.78	23.75	25.0	0.0
100	QPSK	135	138	22.69	22.84	22.78	24.0	1.0
100	QPSK	270	0	22.65	22.54	22.76		
100	16QAM	1	1	22.41	22.52	22.61	24.0	1.0
100	64QAM	1	1	21.02	21.10	21.09	22.5	2.5
100	256QAM	1	1	19.08	19.21	19.14	20.5	4.5
Channel				508200	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	QPSK	1	1	23.42	23.59	23.59	25.0	0.0
Channel				507204	518598	529998	Tune-up	MPR
Frequency (MHz)				2533.02	2592.99	2649.99	limit	(dB)
80	QPSK	1	1	23.48	23.59	23.49	25.0	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)
70	QPSK	1	1	23.47	23.55	23.51	25.0	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2529	2592.99	2659.98	limit	(dB)
60	QPSK	1	1	23.42	23.57	23.53	25.0	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)
50	QPSK	1	1	23.54	23.46	23.47	25.0	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	QPSK	1	1	23.49	23.57	23.50	25.0	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	QPSK	1	1	23.43	23.55	23.50	25.0	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
25	QPSK	1	1	23.54	23.54	23.53	0.0	0.0
Channel				501204	518598	535998	Tune-up	MPR
Frequency (MHz)				2606.02	2692.99	2679.99	limit	(dB)
20	QPSK	1	1	23.47	23.53	23.47	25.0	0.0
Channel				500700	518598	536496	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	QPSK	1	1	23.42	23.60	23.43	25.0	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	QPSK	1	1	23.53	23.57	23.49	25.0	0.0

n7 Ant4 DSI1 Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	1/2 BPSK	1	1	18.04	18.21	18.10		19.5	0.0
40	1/2 BPSK	1	108	18.15	18.19	18.11			
40	1/2 BPSK	1	214	18.17	18.11	18.16			
40	1/2 BPSK	108	0	18.05	18.18	18.07	19.5	0.0	
40	1/2 BPSK	108	54	18.18	18.22	18.06	19.5	0.0	
40	1/2 BPSK	108	108	17.94	18.13	17.90	19.5	0.0	
40	1/2 BPSK	216	0	17.98	18.03	17.96		19.5	0.0
40	QPSK	1	1	18.23	18.24	18.19			
40	QPSK	1	108	18.02	18.12	18.12	19.5		
40	QPSK	1	214	18.16	18.20	18.03		19.5	0.0
40	QPSK	108	0	18.06	18.16	17.98	19.5		
40	QPSK	108	54	18.07	18.23	18.22	19.5		
40	QPSK	108	108	18.07	18.11	18.05	19.5	0.0	
40	QPSK	216	0	18.10	18.20	18.19		19.5	0.0
40	16QAM	1	1	17.94	18.09	18.03	19.5		
40	64QAM	1	1	17.82	18.03	17.99	19.5		
40	256QAM	1	1	17.89	18.00	17.99	19.5	0.0	
Channel				503500	507000	510500	Tune-up	MPR	
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)	
35	QPSK	1	1	18.14	18.22	18.17	19.5	0.0	
Channel				503000	507000	511000	Tune-up	MPR	
Frequency (MHz)				2515	2535	2555	limit	(dB)	
30	QPSK	1	1	18.22	18.21	18.23	19.5	0.0	
Channel				502500	507000	511500	Tune-up	MPR	
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)	
25	QPSK	1	1	18.13	18.16	18.23	19.5	0.0	
Channel				502000	507000	512000	Tune-up	MPR	
Frequency (MHz)				2510	2535	2560	limit	(dB)	
20	1/2 BPSK	1	1	18.20	18.17	18.16	19.5	0.0	
Channel				501500	507000	512500	Tune-up	MPR	
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)	
15	QPSK	1	1	18.12	18.15	18.20	19.5	0.0	
Channel				501000	507000	513000	Tune-up	MPR	
Frequency (MHz)				2505	2535	2565	limit	(dB)	
10	QPSK	1	1	18.11	18.20	18.19	19.5	0.0	
Channel				500500	507000	513500	Tune-up	MPR	
Frequency (MHz)				2502.5	2535	2572.5	limit	(dB)	
5	QPSK	1	1	18.21	18.18	18.20	19.5	0.0	

n66 Ant4 DSI1 Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	1/2 BPSK	1	1	19.18	19.36	19.14		20.5	0.0
40	1/2 BPSK	1	108	19.26	19.15	19.27			
40	1/2 BPSK	1	214	19.25	19.30	19.16			
40	1/2 BPSK	108	0	19.07	19.32	19.08	20.5	0.0	
40	1/2 BPSK	108	54	19.33	19.33	19.22	20.5	0.0	
40	1/2 BPSK	108	108	19.10	19.22	18.93	20.5	0.0	
40	1/2 BPSK	216	0	19.05	18.21	19.10		20.5	0.0
40	QPSK	1	1	19.33	19.41	19.34			
40	QPSK	1	108	19.14	19.27	19.28	20.5		
40	QPSK	1	214	19.19	19.38	19.17		20.5	0.0
40	QPSK	108	0	19.13	19.28	19.07	20.5		
40	QPSK	108	54	19.22	19.37	19.31	20.5		
40	QPSK	108	108	19.14	19.29	19.10	20.5	0.0	
40	QPSK	216	0	19.27	19.37	19.23		20.5	0.0
40	16QAM	1	1	19.08	19.10	19.07	20.5		
40	64QAM	1	1	19.01	19.10	19.12	20.5		
40	256QAM	1	1	19.09	19.21	19.01	20.5	0.0	
Channel				345500	349000	352500	Tune-up	MPR	
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)	
35	QPSK	1	1	19.33	19.36	19.19	20.5	0.0	
Channel				345000	349000	353000	Tune-up	MPR	
Frequency (MHz)				1725	1745	1765	limit	(dB)	
30	QPSK	1	1	19.28	19.33	19.24	20.5	0.0	
Channel				344500	349000	353500	Tune-up	MPR	
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)	
25	QPSK	1	1	19.23	19.36	19.25	20.5	0.0	
Channel				344000	349000	354000	Tune-up	MPR	
Frequency (MHz)				1720	1745	1770	limit	(dB)	
20	QPSK	1	1	19.32	19.39	19.26	20.5	0.0	
Channel				343500	349000	354500	Tune-up	MPR	
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)	
15	QPSK	1	1	19.32	19.40	19.19	20.5	0.0	
Channel				343000	349000	355000	Tune-up	MPR	
Frequency (MHz)				1715	1745	1775	limit	(dB)	
10	QPSK	1	1	19.29	19.35	19.21	20.5	0.0	
Channel				342500	349000	355500	Tune-up	MPR	
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)	
5	QPSK	1	1	19.25	19.33	19.25	20.5	0.0	

n38 Ant4 DSI1 Main PA									
BW [MHz]	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	19.5	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	18.15	18.28	18.04	19.5	0.0	
40	1/2 BPSK	1	53	18.00	18.09	17.98			
40	1/2 BPSK	1	104	17.96	18.02	17.98	19.5	0.0	
40	1/2 BPSK	50	0	18.08	18.19	18.06			
40	1/2 BPSK	50	28	18.03	18.19	18.15	19.5	0.0	
40	1/2 BPSK	50	59	18.00	18.04	18.03			
40	1/2 BPSK	100	0	17.95	18.14	17.92	19.5	0.0	
40	QPSK	1	1	18.30	18.33	18.23			
40	QPSK	1	53	18.09	18.25	18.24	19.5	0.0	
40	QPSK	1	104	17.96	18.05	17.90			
40	QPSK	50	0	18.26	18.27	18.24	19.5	0.0	
40	QPSK	50	28	18.26	18.28	18.25			
40	QPSK	50	59	17.91	18.08	17.95	19.5	0.0	
40	QPSK	100	0	18.16	18.27	18.17			
40	16QAM	1	1	18.13	18.17	18.10	19.5	0.0	
40	64QAM	1	1	18.12	18.13	18.13			
40	256QAM	1	1	18.00	18.13	18.09	19.5	0.0	
Channel				517002	519000	520998			
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)	
30	QPSK	1	1	18.10	18.18	18.20	19.5	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2592.52	2595	2607.48	limit	(dB)	
25	QPSK	1	1	18.14	18.19	18.10	19.5	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610	limit	(dB)	
20	QPSK	1	1	18.06	18.21	18.14	19.5	0.0	
Channel				515502	510000	522498			
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)	
15	QPSK	1	1	18.11	18.19	18.12	19.5	0.0	
Channel				515004	519000	522996			
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)	
10	QPSK	1	1	18.04	18.22	18.19	19.5	0.0	

n41 Ant4 DSI1 Main PA									
BW [MHz]	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	19.5	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	18.27	18.30	18.03	19.5	0.0	
100	1/2 BPSK	1	137	17.86	18.13	18.09			
100	1/2 BPSK	1	271	18.00	18.03	17.94	19.5	0.0	
100	1/2 BPSK	135	0	17.97	18.23	18.07			
100	1/2 BPSK	135	69	18.08	18.16	18.22	19.5	0.0	
100	1/2 BPSK	135	138	17.87	18.11	17.99			
100	1/2 BPSK	270	0	18.01	18.11	17.84	19.5	0.0	
100	QPSK	1	1	18.31	18.36	18.34			
100	QPSK	1	137	18.21	18.25	18.20	19.5	0.0	
100	QPSK	1	271	17.97	18.08	18.02			
100	QPSK	135	0	18.27	18.30	18.24	19.5	0.0	
100	QPSK	135	69	18.26	18.32	18.23			
100	QPSK	135	138	17.88	18.13	18.01	19.5	0.0	
100	QPSK	270	0	18.08	18.28	18.23			
100	16QAM	1	1	18.07	18.19	18.08	19.5	0.0	
100	64QAM	1	1	18.05	18.18	18.09			
100	256QAM	1	1	17.94	18.08	18.02	19.5	0.0	
Channel				508200	518598	528996			
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)	
90	QPSK	1	1	18.22	18.32	18.32	19.5	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2533.02	2592.99	2649.99	limit	(dB)	
80	QPSK	1	1	18.20	18.23	18.32	19.5	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)	
70	QPSK	1	1	18.26	18.29	18.32	19.5	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2529.99	2592.99	2659.98	limit	(dB)	
60	QPSK	1	1	18.22	18.33	18.33	19.5	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2524.02	2592.99	2664.99	limit	(dB)	
50	QPSK	1	1	18.23	18.24	18.32	19.5	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)	
40	QPSK	1	1	18.22	18.30	18.33	19.5	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)	
30	QPSK	1	1	18.24	18.33	18.26	19.5	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)	
25	QPSK	1	1	18.19	18.28	18.24	0.0	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2606.02	2592.99	2679.99	limit	(dB)	
20	QPSK	1	1	18.28	18.29	18.31	19.5	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)	
15	QPSK	1	1	18.21	18.32	18.20	19.5	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)	
10	QPSK	1	1	18.20	18.30	18.22	19.5	0.0	

n7 Ant5 DSI1 Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	1/2 BPSK	1	1	20.79	20.89	20.80	22.0	0.0	
40	1/2 BPSK	1	108	20.84	20.88	20.80			
40	1/2 BPSK	1	214	20.82	20.94	20.77			
40	1/2 BPSK	108	0	20.35	20.38	20.28	21.5	0.5	
40	1/2 BPSK	108	54	20.82	20.92	20.74	22.0	0.0	
40	1/2 BPSK	108	108	20.38	20.41	20.32	21.5	0.5	
40	1/2 BPSK	216	0	20.33	20.37	20.21			
40	QPSK	1	1	20.98	21.02	20.93			
40	QPSK	1	108	20.86	20.88	20.79	22.0	0.0	
40	QPSK	1	214	20.90	20.96	20.90			
40	QPSK	108	0	19.80	19.83	19.70	21.0	1.0	
40	QPSK	108	54	20.79	20.97	20.95	22.0	0.0	
40	QPSK	108	108	19.87	19.79	19.74	21.0	1.0	
40	QPSK	216	0	19.85	19.92	19.89			
40	16QAM	1	1	19.63	19.74	19.60			
40	64QAM	1	1	18.02	18.15	18.08	19.5	2.5	
40	256QAM	1	1	16.99	16.16	16.03	17.5	4.5	
Channel				503500	507000	510500	Tune-up	MPR	
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)	
35	QPSK	1	1	20.96	20.94	20.86	22.0	0.0	
Channel				503000	507000	511000	Tune-up	MPR	
Frequency (MHz)				2515	2535	2555	limit	(dB)	
30	QPSK	1	1	20.91	20.90	20.90	22.0	0.0	
Channel				502500	507000	511500	Tune-up	MPR	
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)	
25	QPSK	1	1	20.90	20.98	20.76	22.0	0.0	
Channel				502000	507000	512000	Tune-up	MPR	
Frequency (MHz)				2510	2535	2560	limit	(dB)	
20	1/2 BPSK	1	1	20.96	20.98	20.84	22.0	0.0	
Channel				501500	507000	512500	Tune-up	MPR	
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)	
15	QPSK	1	1	20.88	20.97	20.79	22.0	0.0	
Channel				501000	507000	513000	Tune-up	MPR	
Frequency (MHz)				2505	2535	2565	limit	(dB)	
10	QPSK	1	1	20.84	20.88	20.79	22.0	0.0	
Channel				500500	507000	513500	Tune-up	MPR	
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)	
5	QPSK	1	1	20.82	20.90	20.86	22.0	0.0	

n66 Ant5 DSI1 Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	1/2 BPSK	1	1	21.75	21.96	21.83	22.5	0.0	
40	1/2 BPSK	1	108	21.87	21.87	21.87			
40	1/2 BPSK	1	214	21.83	21.90	21.83			
40	1/2 BPSK	108	0	21.30	21.35	21.21	22.0	0.5	
40	1/2 BPSK	108	54	21.85	21.86	21.80	22.5	0.0	
40	1/2 BPSK	108	108	21.31	21.49	21.32	22.0	0.5	
40	1/2 BPSK	216	0	21.31	21.43	21.15			
40	QPSK	1	1	21.95	21.99	21.92			
40	QPSK	1	108	21.80	21.89	21.72	22.5	0.0	
40	QPSK	1	214	21.91	21.89	21.88			
40	QPSK	108	0	20.77	20.76	20.70	21.5	1.0	
40	QPSK	108	54	21.75	21.95	21.91	22.5	0.0	
40	QPSK	108	108	20.88	20.71	20.70	21.5	1.0	
40	QPSK	216	0	20.82	20.93	20.88			
40	16QAM	1	1	20.59	20.80	20.59			
40	64QAM	1	1	19.15	19.16	19.04	20.0	2.5	
40	256QAM	1	1	17.09	17.19	17.06	18.0	4.5	
Channel				345500	349000	352500	Tune-up	MPR	
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)	
35	QPSK	1	1	21.91	21.81	21.84	0.0	0.0	
Channel				345000	349000	353000	Tune-up	MPR	
Frequency (MHz)				1725	1745	1765	limit	(dB)	
30	QPSK	1	1	21.77	21.90	21.84	22.5	0.0	
Channel				344500	349000	353500	Tune-up	MPR	
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)	
25	QPSK	1	1	21.87	21.87	21.86	22.5	0.0	
Channel				344000	349000	354000	Tune-up	MPR	
Frequency (MHz)				1720	1745	1770	limit	(dB)	
20	QPSK	1	1	21.89	21.83	21.80	22.5	0.0	
Channel				343500	349000	354500	Tune-up	MPR	
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)	
15	QPSK	1	1	21.87	21.89	21.83	22.5	0.0	
Channel				343000	349000	355000	Tune-up	MPR	
Frequency (MHz)				1715	1745	1775	limit	(dB)	
10	QPSK	1	1	21.83	21.83	21.90	22.5	0.0	
Channel				342500	349000	355500	Tune-up	MPR	
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)	
5	QPSK	1	1	21.78	21.83	21.75	22.5	0.0	

n38 Ant5 DSI1 Main PA									
BW [MHz]	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	22.0	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	20.83	20.98	20.85			
40	1/2 BPSK	1	53	20.81	20.85	20.77			
40	1/2 BPSK	1	104	20.83	20.79	20.74	21.5	0.5	
40	1/2 BPSK	50	0	20.28	20.34	20.17			
40	1/2 BPSK	50	28	20.84	20.92	20.89			
40	1/2 BPSK	50	59	20.12	20.29	20.27			
40	1/2 BPSK	100	0	20.29	20.35	20.20	21.5	0.5	
40	QPSK	1	1	21.02	21.03	20.98			
40	QPSK	1	53	20.73	20.82	20.68			
40	QPSK	1	104	20.59	20.68	20.64			
40	QPSK	50	0	19.68	19.83	19.68	21.0	1.0	
40	QPSK	50	28	20.80	20.84	20.69			
40	QPSK	50	59	19.48	19.63	19.50			
40	QPSK	100	0	19.66	19.78	19.63			
40	16QAM	1	1	20.62	20.71	20.66	21.0	1.0	
40	64QAM	1	1	18.02	18.17	18.07			
40	256QAM	1	1	16.09	16.22	16.06			
40	256QAM	1	1	16.09	16.22	16.06			
Channel				517002	519000	520998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	20.88	20.97	20.83			
Channel				516504	519000	521496			
Frequency (MHz)				2592.52	2595	2607.48	Tune-up limit (dB)	MPR	
25	QPSK	1	1	20.89	20.88	20.87			
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	20.95	20.90	20.85	22.0	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	20.91	20.88	20.92			
Channel				515004	519000	522996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	20.97	20.91	20.87			

n41 Ant5 DSI1 Main PA									
BW [MHz]	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	22.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	20.78	20.91	20.80			
100	1/2 BPSK	1	137	20.84	20.80	20.77			
100	1/2 BPSK	1	271	20.81	20.81	20.77	21.5	0.5	
100	1/2 BPSK	135	0	20.23	20.38	20.25			
100	1/2 BPSK	135	69	20.91	20.99	20.89			
100	1/2 BPSK	135	138	20.17	20.28	20.22			
100	1/2 BPSK	270	0	20.28	20.40	20.15	22.0	0.0	
100	QPSK	1	1	21.01	21.05	21.02			
100	QPSK	1	137	20.78	20.84	20.63			
100	QPSK	1	271	20.59	20.62	20.72			
100	QPSK	135	0	19.69	19.78	19.62	21.0	1.0	
100	QPSK	135	69	20.93	20.88	20.96			
100	QPSK	135	138	19.52	19.62	19.58			
100	QPSK	270	0	19.95	19.98	19.93			
100	16QAM	1	1	20.69	20.72	20.61	21.0	1.0	
100	64QAM	1	1	18.09	18.12	18.02			
100	256QAM	1	1	16.14	16.16	16.12			
100	256QAM	1	1	16.14	16.16	16.12			
Channel				508200	518598	528998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	20.95	20.95	20.95			
Channel				507204	518598	529998			
Frequency (MHz)				2533.02	2592.99	2649.99	Tune-up limit (dB)	MPR	
80	QPSK	1	1	20.90	21.02	20.90			
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	20.98	20.93	20.95	22.0	0.0	
Channel				505200	518598	531998			
Frequency (MHz)				2529	2592.99	2659.98			
60	QPSK	1	1	20.99	20.99	20.86			
Channel				504204	518598	532998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	20.86	20.89	20.95			
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670	Tune-up limit (dB)	MPR	
40	QPSK	1	1	20.95	21.00	20.89			
Channel				502200	518598	534998			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	20.95	20.87	20.86	22.0	0.0	
Channel				502200	518598	534998			
Frequency (MHz)				2511	2592.99	2674.98			
25	QPSK	1	1	20.94	20.88	20.99			
Channel				501204	518598	535998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2606.02	2592.99	2679.99			
20	QPSK	1	1	20.89	20.96	20.95			
Channel				500700	518598	536498			
Frequency (MHz)				2503.5	2592.99	2682.48	Tune-up limit (dB)	MPR	
15	QPSK	1	1	20.94	20.95	20.99			
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	20.86	20.88	20.96	22.0	0.0	

n48 Part96 Ant6 DSI1 Main PA

BW [MHz]	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	16.26	16.32	16.20		
40	1/2 BPSK	1	53	16.31	16.30	16.20	17.2	0.0
40	1/2 BPSK	1	104	16.32	16.31	16.25		
40	1/2 BPSK	50	0	16.20	16.35	16.23	17.2	0.0
40	1/2 BPSK	50	28	16.31	16.32	16.22	17.2	0.0
40	1/2 BPSK	50	56	16.18	16.22	16.14		
40	1/2 BPSK	100	0	16.23	16.29	16.17	17.2	0.0
40	QPSK	1	1	16.32	16.40	16.34		
40	QPSK	1	53	16.27	16.37	16.26	17.2	0.0
40	QPSK	1	104	16.24	16.32	16.21		
40	QPSK	50	0	16.32	16.34	16.33	17.2	0.0
40	QPSK	50	28	16.36	16.39	16.31	17.2	0.0
40	QPSK	50	56	16.24	16.35	16.31		
40	QPSK	100	0	16.22	16.34	16.32	17.2	0.0
40	16QAM	1	1	16.29	16.31	16.13	17.2	0.0
40	64QAM	1	1	16.29	16.29	16.18	17.2	0.0
40	256QAM	1	1	16.31	16.35	16.24	17.2	0.0
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	16.28	16.35	16.24	17.2	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	16.23	16.32	16.20	17.2	0.0
Channel				637168	641666	645166	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	16.31	16.29	16.20	17.2	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	16.25	16.38	16.23	17.2	0.0

Part270 n77 Ant6 DSI1 Main PA

BW [MHz]	Modulation	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	16.71	16.83	16.68		
100	1/2 BPSK	1	137	16.62	16.86	16.74	17.2	0.0
100	1/2 BPSK	1	271	16.68	16.90	16.87		
100	1/2 BPSK	135	0	16.66	16.87	16.88	17.2	0.0
100	1/2 BPSK	135	69	16.72	16.85	16.75	17.2	0.0
100	1/2 BPSK	135	138	16.62	16.85	16.74		
100	1/2 BPSK	270	0	16.65	16.91	16.78	17.2	0.0
100	QPSK	1	1	16.69	16.95	16.93		
100	QPSK	1	137	16.55	16.83	16.69	17.2	0.0
100	QPSK	1	271	16.62	16.79	16.74		
100	QPSK	135	0	16.62	16.85	16.75	17.2	0.0
100	QPSK	135	69	16.89	16.93	16.90	17.2	0.0
100	QPSK	135	138	16.72	16.91	16.89		
100	QPSK	270	0	16.85	16.94	16.87	17.2	0.0
100	16QAM	1	1	16.76	16.94	16.85	17.2	0.0
100	64QAM	1	1	16.68	16.89	16.77	17.2	0.0
100	256QAM	1	1	16.72	16.91	16.67	17.2	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	16.86	16.90	16.75	17.2	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	16.94	16.80	16.61	17.2	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	16.86	16.84	16.83	17.2	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	16.85	16.82	16.83	17.2	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	16.94	16.82	16.76	17.2	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	16.90	16.88	16.76	17.2	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	16.93	16.86	16.72	17.2	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	16.87	16.89	16.78	17.2	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	16.94	16.81	16.72	17.2	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	16.89	16.81	16.82	17.2	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	16.90	16.81	16.79	17.2	0.0

Part270 n77 PC2 Ant6 DSI1 Main PA

BW [MHz]	Modulation	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	19.53	19.87	19.91		
100	1/2 BPSK	1	137	19.62	19.86	19.78	20.2	0.0
100	1/2 BPSK	1	271	19.66	19.80	19.76		
100	1/2 BPSK	135	0	19.57	19.81	19.77	20.2	0.0
100	1/2 BPSK	135	69	19.64	19.86	19.82	20.2	0.0
100	1/2 BPSK	135	138	19.68	19.90	19.87		
100	1/2 BPSK	270	0	19.55	19.89	19.74	20.2	0.0
100	QPSK	1	1	19.72	19.95	19.92		
100	QPSK	1	137	19.68	19.87	19.74	20.2	0.0
100	QPSK	1	271	19.56	19.82	19.64		
100	QPSK	135	0	19.62	19.91	19.74	20.2	0.0
100	QPSK	135	69	19.68	19.94	19.83	20.2	0.0
100	QPSK	135	138	19.65	19.92	19.80		
100	QPSK	270	0	19.63	19.92	19.82	20.2	0.0
100	16QAM	1	1	19.56	19.90	19.88	20.2	0.0
100	64QAM	1	1	19.49	19.88	19.80	20.2	0.0
100	256QAM	1	1	19.29	19.41	19.39	20.2	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	19.56	19.81	19.83	20.2	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	19.57	19.91	19.83	20.2	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	19.55	19.90	19.79	20.2	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	19.53	19.81	19.82	20.2	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	19.51	19.85	19.82	20.2	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	19.55	19.87	19.76	20.2	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	19.61	19.81	19.84	20.2	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	19.57	19.87	19.75	20.2	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	19.53	19.85	19.78	20.2	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	19.54	19.91	19.80	20.2	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	19.53	19.89	19.76	20.2	0.0

Part27Q n77 Ant6 DS11 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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	16.86				
100	1/2 BPSK	1	137	16.86			17.2	0.0
100	1/2 BPSK	1	271	16.86				
100	1/2 BPSK	135	0	16.79			17.2	0.0
100	1/2 BPSK	135	69	16.91			17.2	0.0
100	1/2 BPSK	135	138	16.91			17.2	0.0
100	1/2 BPSK	270	0	16.86				
100	QPSK	1	1	16.97			17.2	0.0
100	QPSK	1	137	16.89				
100	QPSK	1	271	16.82				
100	QPSK	135	0	16.76			17.2	0.0
100	QPSK	135	69	16.93			17.2	0.0
100	QPSK	135	138	16.86			17.2	0.0
100	QPSK	270	0	16.94				
100	16QAM	1	1	16.94			17.2	0.0
100	64QAM	1	1	16.89				
100	256QAM	1	1	16.85			17.2	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	16.83	16.91	16.94	17.2	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	16.80	16.93	16.91	17.2	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	16.82	16.83	16.84	17.2	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	16.80	16.87	16.82	17.2	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	16.82	16.84	16.93	17.2	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	16.78	16.87	16.89	17.2	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	16.76	16.91	16.85	17.2	0.0
Channel				630668	633334	635934	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	16.76	16.88	16.89	17.2	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	16.91	16.90	16.84	17.2	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	16.79	16.86	16.88	17.2	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	16.82	16.85	16.94	17.2	0.0

Part27Q n77 PC2 Ant6 DS11 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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	19.84				
100	1/2 BPSK	1	137	19.84			20.2	0.0
100	1/2 BPSK	1	271	19.70				
100	1/2 BPSK	135	0	19.84			20.2	0.0
100	1/2 BPSK	135	69	19.77			20.2	0.0
100	1/2 BPSK	135	138	19.83			20.2	0.0
100	1/2 BPSK	270	0	19.82				
100	QPSK	1	1	19.97			20.2	0.0
100	QPSK	1	137	19.81				
100	QPSK	1	271	19.83				
100	QPSK	135	0	19.77			20.2	0.0
100	QPSK	135	69	19.96			20.2	0.0
100	QPSK	135	138	19.77			20.2	0.0
100	QPSK	270	0	19.93				
100	16QAM	1	1	19.80			20.2	0.0
100	64QAM	1	1	19.69			20.2	0.0
100	256QAM	1	1	19.45			20.2	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	19.77	19.83	19.83	20.2	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	19.73	19.89	19.84	20.2	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	19.76	19.89	19.74	20.2	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	19.70	19.83	19.81	20.2	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	19.72	19.83	19.80	20.2	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	19.73	19.82	19.83	20.2	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	19.73	19.82	19.75	20.2	0.0
Channel				630668	633334	635934	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	19.71	19.87	19.78	20.2	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	19.76	19.80	19.81	20.2	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	19.79	19.81	19.79	20.2	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	19.79	19.82	19.82	20.2	0.0

Part27O n78 Ant6 DS11 Main PA

BW [MHz]	Modulation	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	16.28			17.2	0.0
100	1/2 BPSK	1	137	16.29				
100	1/2 BPSK	1	271	16.49				
100	1/2 BPSK	135	0	16.37			17.2	0.0
100	1/2 BPSK	135	69	16.42			17.2	0.0
100	1/2 BPSK	135	138	16.40			17.2	0.0
100	1/2 BPSK	270	0	16.37				
100	QPSK	1	1	16.52			17.2	0.0
100	QPSK	1	137	16.44				
100	QPSK	1	271	16.14				
100	QPSK	135	0	16.35			17.2	0.0
100	QPSK	135	69	16.41			17.2	0.0
100	QPSK	135	138	16.34			17.2	0.0
100	QPSK	270	0	16.48				
100	16QAM	1	1	16.33			17.2	0.0
100	64QAM	1	1	16.49			17.2	0.0
100	256QAM	1	1	16.41			17.2	0.0
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	16.39	16.36	16.46	17.2	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	16.44	16.44	16.43	17.2	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	16.41	16.39	16.41	17.2	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	16.36	16.37	16.44	17.2	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	16.36	16.35	16.47	17.2	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3760	limit	(dB)
40	QPSK	1	1	16.38	16.43	16.44	17.2	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	16.39	16.45	16.48	17.2	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	16.35	16.42	16.49	17.2	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	16.36	16.35	16.49	17.2	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.5	3750	3792.51	limit	(dB)
15	QPSK	1	1	16.45	16.36	16.44	17.2	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	16.39	16.35	16.43	17.2	0.0

Part270 n78 PC2 Ant6 DSI1 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3750								
100	1/2 BPSK	1	1	19.50			20.2	0.0
100	1/2 BPSK	1	137	19.39				
100	1/2 BPSK	1	271	19.39				
100	1/2 BPSK	135	0	19.49			20.2	0.0
100	1/2 BPSK	135	69	19.45			20.2	0.0
100	1/2 BPSK	135	138	19.50			20.2	0.0
100	1/2 BPSK	270	0	19.33				
100	QPSK	1	1	19.53			20.2	0.0
100	QPSK	1	137	19.40				
100	QPSK	1	271	19.28				
100	QPSK	135	0	19.27			20.2	0.0
100	QPSK	135	69	19.51			20.2	0.0
100	QPSK	135	138	19.31			20.2	0.0
100	QPSK	270	0	19.48				
100	16QAM	1	1	19.41			20.2	0.0
100	64QAM	1	1	19.33			20.2	0.0
100	256QAM	1	1	18.93			20.2	0.0
Channel								
Frequency (MHz)								
3745.02								
90	QPSK	1	1	19.51	19.49	19.45	20.2	0.0
Channel								
Frequency (MHz)								
3740.01								
80	QPSK	1	1	19.52	19.47	19.42	20.2	0.0
Channel								
Frequency (MHz)								
3735								
70	QPSK	1	1	19.50	19.50	19.45	20.2	0.0
Channel								
Frequency (MHz)								
3730.02								
60	QPSK	1	1	19.50	19.43	19.43	20.2	0.0
Channel								
Frequency (MHz)								
3725.01								
50	QPSK	1	1	19.51	19.43	19.46	20.2	0.0
Channel								
Frequency (MHz)								
3720								
40	QPSK	1	1	19.47	19.39	19.48	20.2	0.0
Channel								
Frequency (MHz)								
3715.02								
30	QPSK	1	1	19.46	19.40	19.47	20.2	0.0
Channel								
Frequency (MHz)								
3712.5								
25	QPSK	1	1	19.47	19.46	19.44	20.2	0.0
Channel								
Frequency (MHz)								
3710.01								
20	QPSK	1	1	19.50	19.47	19.47	20.2	0.0
Channel								
Frequency (MHz)								
3707.52								
15	QPSK	1	1	19.46	19.47	19.38	20.2	0.0
Channel								
Frequency (MHz)								
3705								
10	QPSK	1	1	19.46	19.43	19.40	20.2	0.0

Part270Q n78 Ant6 DSI1 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3500.01								
100	1/2 BPSK	1	1	16.69			17.2	0.0
100	1/2 BPSK	1	137	16.50				
100	1/2 BPSK	1	271	16.76				
100	1/2 BPSK	135	0	16.73			17.2	0.0
100	1/2 BPSK	135	69	16.62			17.2	0.0
100	1/2 BPSK	135	138	16.67			17.2	0.0
100	1/2 BPSK	270	0	16.80				
100	QPSK	1	1	16.82			17.2	0.0
100	QPSK	1	137	16.66				
100	QPSK	1	271	16.50				
100	QPSK	135	0	16.82			17.2	0.0
100	QPSK	135	69	16.76			17.2	0.0
100	QPSK	135	138	16.57			17.2	0.0
100	QPSK	270	0	16.81				
100	16QAM	1	1	16.63			17.2	0.0
100	64QAM	1	1	16.75			17.2	0.0
100	256QAM	1	1	16.80			17.2	0.0
Channel								
Frequency (MHz)								
3495								
90	QPSK	1	1	16.75	16.81	16.74	17.2	0.0
Channel								
Frequency (MHz)								
3490.02								
80	QPSK	1	1	16.80	16.81	16.70	17.2	0.0
Channel								
Frequency (MHz)								
3485.01								
70	QPSK	1	1	16.77	16.75	16.69	17.2	0.0
Channel								
Frequency (MHz)								
3480.02								
60	QPSK	1	1	16.76	16.77	16.63	17.2	0.0
Channel								
Frequency (MHz)								
3475.02								
50	QPSK	1	1	16.80	16.72	16.75	17.2	0.0
Channel								
Frequency (MHz)								
3470.01								
40	QPSK	1	1	16.75	16.79	16.70	17.2	0.0
Channel								
Frequency (MHz)								
3465								
30	QPSK	1	1	16.77	16.78	16.64	17.2	0.0
Channel								
Frequency (MHz)								
3462.51								
25	QPSK	1	1	16.80	16.78	16.68	17.2	0.0
Channel								
Frequency (MHz)								
3460.02								
20	QPSK	1	1	16.79	16.76	16.71	17.2	0.0
Channel								
Frequency (MHz)								
3457.5								
15	QPSK	1	1	16.80	16.79	16.67	17.2	0.0
Channel								
Frequency (MHz)								
3455.01								
10	QPSK	1	1	16.79	16.78	16.67	17.2	0.0

Part270Q n78 PC2 Ant6 DSI1 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1		19.70		20.2	0.0
100	1/2 BPSK	1	137		19.62			
100	1/2 BPSK	1	271		19.61			
100	1/2 BPSK	135	0	19.72			20.2	0.0
100	1/2 BPSK	135	69		19.75		20.2	0.0
100	1/2 BPSK	135	138		19.68		20.2	0.0
100	1/2 BPSK	270	0		19.60			
100	QPSK	1	1		19.79		20.2	0.0
100	QPSK	1	137		19.77			
100	QPSK	1	271		19.51			
100	QPSK	135	0		19.58		20.2	0.0
100	QPSK	135	69		19.75		20.2	0.0
100	QPSK	135	138		19.62		20.2	0.0
100	QPSK	270	0		19.74			
100	16QAM	1	1	19.71			20.2	0.0
100	64QAM	1	1		19.53		20.2	0.0
100	256QAM	1	1		19.15		20.2	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	19.69	19.70	19.71	20.2	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	19.69	19.70	19.76	20.2	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	19.74	19.74	19.74	20.2	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	19.70	19.72	19.75	20.2	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	19.73	19.74	19.78	20.2	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	19.74	19.77	19.72	20.2	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	19.78	19.78	19.77	20.2	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	19.74	19.77	19.71	20.2	0.0
Channel				630500	633334	636334	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	19.78	19.71	19.73	20.2	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	19.69	19.74	19.77	20.2	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	19.78	19.77	19.78	20.2	0.0

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BW [MHz]	Modulat on	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	16.61	16.73	16.64		
40	1/2 BPSK	1	53	16.62	16.71	16.63	18.5	0.0
40	1/2 BPSK	1	104	16.68	16.73	16.71		
40	1/2 BPSK	50	0	16.66	16.75	16.60	18.5	0.0
40	1/2 BPSK	50	28	16.52	16.68	16.52	18.5	0.0
40	1/2 BPSK	50	56	16.68	16.71	16.58		
40	1/2 BPSK	100	0	16.73	16.75	16.70	18.5	0.0
40	QPSK	1	1	16.75	16.87	16.77		
40	QPSK	1	53	16.52	16.69	16.61	18.5	0.0
40	QPSK	1	104	16.54	16.55	16.57		
40	QPSK	50	0	16.61	16.67	16.52	18.5	0.0
40	QPSK	50	28	16.72	16.77	16.70	18.5	0.0
40	QPSK	50	56	16.58	16.70	16.58	18.5	0.0
40	QPSK	100	0	16.72	16.75	16.70	18.5	0.0
40	16QAM	1	1	16.75	16.71	16.70	18.5	0.0
40	64QAM	1	1	16.63	16.72	16.67	18.5	0.0
40	256QAM	1	1	16.71	16.74	16.69	18.5	0.0
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	16.70	16.69	16.57	18.5	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	16.65	16.73	16.54	18.5	0.0
Channel				637163	641666	645166	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	16.60	16.72	16.55	18.5	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	16.67	16.69	16.54	18.5	0.0

Part270 n77 Ant7 DSI1 Main PA

BW [MHz]	Modulat on	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	15.43	15.55	15.53		
100	1/2 BPSK	1	137	15.47	15.49	15.46	17.0	0.0
100	1/2 BPSK	1	271	15.45	15.52	15.44		
100	1/2 BPSK	135	0	15.31	15.54	15.37	17.0	0.0
100	1/2 BPSK	135	69	15.36	15.54	15.53	17.0	0.0
100	1/2 BPSK	135	138	15.34	15.49	15.42	17.0	0.0
100	1/2 BPSK	270	0	15.48	15.46	15.41		
100	QPSK	1	1	15.40	15.58	15.52		
100	QPSK	1	137	15.44	15.55	15.42	17.0	0.0
100	QPSK	1	271	15.13	15.26	15.16		
100	QPSK	135	0	15.46	15.53	15.47	17.0	0.0
100	QPSK	135	69	15.47	15.57	15.42	17.0	0.0
100	QPSK	135	138	15.31	15.47	15.38	17.0	0.0
100	QPSK	270	0	15.44	15.54	15.49		
100	16QAM	1	1	15.34	15.49	15.40	17.0	0.0
100	64QAM	1	1	15.44	15.50	15.44	17.0	0.0
100	256QAM	1	1	15.28	15.39	15.38	17.0	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	15.39	15.46	15.47	17.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	15.30	15.39	15.45	17.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	15.29	15.46	15.48	17.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	15.30	15.47	15.51	17.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	15.40	15.46	15.49	17.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	15.29	15.47	15.52	17.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	15.30	15.46	15.49	17.0	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	15.38	15.49	15.43	17.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	15.40	15.49	15.51	17.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	15.35	15.38	15.54	17.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	15.30	15.37	15.52	17.0	0.0

Part270 n77 PC2 Ant7 DSI1 Main PA

BW [MHz]	Modulat on	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	18.37	18.49	18.40		
100	1/2 BPSK	1	137	18.48	18.47	18.42	20.0	0.0
100	1/2 BPSK	1	271	18.15	18.30	18.17		
100	1/2 BPSK	135	0	18.51	18.52	18.50	20.0	0.0
100	1/2 BPSK	135	69	18.33	18.46	18.44	20.0	0.0
100	1/2 BPSK	135	138	18.43	18.49	18.38	20.0	0.0
100	1/2 BPSK	270	0	18.42	18.49	18.36		
100	QPSK	1	1	18.38	18.55	18.47		
100	QPSK	1	137	18.42	18.50	18.41	20.0	0.0
100	QPSK	1	271	18.19	18.25	18.24		
100	QPSK	135	0	18.45	18.49	18.50	20.0	0.0
100	QPSK	135	69	18.32	18.54	18.38	20.0	0.0
100	QPSK	135	138	18.32	18.47	18.35	20.0	0.0
100	QPSK	270	0	18.45	18.50	18.43		
100	16QAM	1	1	18.28	18.44	18.41	20.0	0.0
100	64QAM	1	1	18.23	18.34	18.38	20.0	0.0
100	256QAM	1	1	18.30	18.38	18.25	20.0	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	18.29	18.47	18.36	20.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	18.21	18.50	18.36	20.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	18.27	18.46	18.38	20.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	18.23	18.52	18.33	20.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	18.27	18.54	18.32	20.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	18.21	18.53	18.37	20.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	18.30	18.47	18.36	20.0	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	18.26	18.53	18.32	20.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	18.31	18.45	18.32	20.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	18.30	18.52	18.37	20.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	18.23	18.51	18.33	20.0	0.0

Part27Q n77 Ant7 DSI1 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		15.93			
100	1/2 BPSK	1	137		15.81		17.0	0.0
100	1/2 BPSK	1	271		15.78			
100	1/2 BPSK	135	0		15.69		17.0	0.0
100	1/2 BPSK	135	69		15.83		17.0	0.0
100	1/2 BPSK	135	138		15.84		17.0	0.0
100	1/2 BPSK	270	0		15.70			
100	QPSK	1	1		15.98		17.0	0.0
100	QPSK	1	137		15.90			
100	QPSK	1	271		15.46			
100	QPSK	135	0		15.82		17.0	0.0
100	QPSK	135	69		15.85		17.0	0.0
100	QPSK	135	138		15.79		17.0	0.0
100	QPSK	270	0		15.83			
100	16QAM	1	1		15.72		17.0	0.0
100	64QAM	1	1		15.83		17.0	0.0
100	256QAM	1	1		15.65		17.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		15.91	15.94	15.90	17.0 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		15.86	15.84	15.87	17.0 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		15.87	15.85	15.86	17.0 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		15.97	15.93	15.93	17.0 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		15.93	15.83	15.86	17.0 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		15.95	15.92	15.93	17.0 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		15.92	15.88	15.84	17.0 0.0
Channel				630668	633334	635934	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		15.90	15.89	15.86	17.0 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		15.93	15.93	15.91	17.0 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		15.88	15.91	15.93	17.0 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		15.89	15.94	15.90	17.0 0.0

Part27Q n77 PC2 Ant7 DSI1 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		18.79			
100	1/2 BPSK	1	137		18.85		20.0	0.0
100	1/2 BPSK	1	271		18.67			
100	1/2 BPSK	135	0		18.89		20.0	0.0
100	1/2 BPSK	135	69		18.83		20.0	0.0
100	1/2 BPSK	135	138		18.88		20.0	0.0
100	1/2 BPSK	270	0		18.86			
100	QPSK	1	1		18.93		20.0	0.0
100	QPSK	1	137		18.86			
100	QPSK	1	271		18.83			
100	QPSK	135	0		18.85		20.0	0.0
100	QPSK	135	69		18.86		20.0	0.0
100	QPSK	135	138		18.77		20.0	0.0
100	QPSK	270	0		18.91			
100	16QAM	1	1		18.86		20.0	0.0
100	64QAM	1	1		18.66		20.0	0.0
100	256QAM	1	1		18.64		20.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		18.89	18.82	18.91	20.0 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		18.81	18.84	18.92	20.0 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		18.85	18.79	18.91	20.0 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		18.83	18.80	18.87	20.0 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		18.81	18.75	18.82	20.0 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		18.84	18.81	18.87	20.0 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		18.90	18.79	18.84	20.0 0.0
Channel				630668	633334	635934	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		18.84	18.80	18.88	20.0 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		18.82	18.83	18.83	20.0 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		18.87	18.79	18.89	20.0 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		18.84	18.78	18.83	20.0 0.0

Part27O n78 Ant7 DSI1 Main PA

BW [MHz]	Modulation	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		15.33			
100	1/2 BPSK	1	137		15.32		17.0	0.0
100	1/2 BPSK	1	271		15.20			
100	1/2 BPSK	135	0		15.25		17.0	0.0
100	1/2 BPSK	135	69		15.24		17.0	0.0
100	1/2 BPSK	135	138		15.31		17.0	0.0
100	1/2 BPSK	270	0		15.32			
100	QPSK	1	1		15.34		17.0	0.0
100	QPSK	1	137		15.29			
100	QPSK	1	271		15.03			
100	QPSK	135	0		15.27		17.0	0.0
100	QPSK	135	69		15.32		17.0	0.0
100	QPSK	135	138		15.26		17.0	0.0
100	QPSK	270	0		15.24			
100	16QAM	1	1		15.18		17.0	0.0
100	64QAM	1	1		15.22		17.0	0.0
100	256QAM	1	1		15.26		17.0	0.0
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1		15.17	15.33	15.20	17.0 0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1		15.10	15.27	15.24	17.0 0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1		15.20	15.32	15.17	17.0 0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1		15.19	15.21	15.17	17.0 0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1		15.17	15.33	15.22	17.0 0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3760	limit	(dB)
40	QPSK	1	1		15.29	15.30	15.20	17.0 0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1		15.21	15.32	15.19	17.0 0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1		15.19	15.21	15.16	17.0 0.0
Channel				647000	650000	652934	Tune-up	MPR

Part270 n78 PC2 Ant7 DSI1 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750	650000			
100	1/2 BPSK	1	1	18.28				
100	1/2 BPSK	1	137	18.26			20.0	0.0
100	1/2 BPSK	1	271	18.11				
100	1/2 BPSK	135	0	18.55			20.0	0.0
100	1/2 BPSK	135	69	18.33			20.0	0.0
100	1/2 BPSK	135	138	18.26			20.0	0.0
100	1/2 BPSK	270	0	18.38				
100	QPSK	1	1	18.57			20.0	0.0
100	QPSK	1	137	18.49				
100	QPSK	1	271	18.47				
100	QPSK	135	0	18.41			20.0	0.0
100	QPSK	135	69	18.53			20.0	0.0
100	QPSK	135	138	18.37			20.0	0.0
100	QPSK	270	0	18.34				
100	16QAM	1	1	18.22			20.0	0.0
100	64QAM	1	1	18.21			20.0	0.0
100	256QAM	1	1	18.31			20.0	0.0
Channel								
Frequency (MHz)				646668	650000	650334	Tune-up	MPR
90	QPSK	1	1	18.29	18.13	18.11	20.0	0.0
Channel								
Frequency (MHz)				640334	650000	650668	Tune-up	MPR
80	QPSK	1	1	18.30	18.20	18.08	20.0	0.0
Channel								
Frequency (MHz)				640000	650000	651000	Tune-up	MPR
70	QPSK	1	1	18.25	18.17	18.12	20.0	0.0
Channel								
Frequency (MHz)				646668	650000	651334	Tune-up	MPR
60	QPSK	1	1	18.32	18.17	18.10	20.0	0.0
Channel								
Frequency (MHz)				648334	650000	651668	Tune-up	MPR
50	QPSK	1	1	18.27	18.19	18.15	20.0	0.0
Channel								
Frequency (MHz)				649000	650000	652000	Tune-up	MPR
40	QPSK	1	1	18.28	18.14	18.19	20.0	0.0
Channel								
Frequency (MHz)				647668	650000	652334	Tune-up	MPR
30	QPSK	1	1	18.33	18.11	18.12	20.0	0.0
Channel								
Frequency (MHz)				647500	650000	652500	Tune-up	MPR
25	QPSK	1	1	18.24	18.16	18.20	20.0	0.0
Channel								
Frequency (MHz)				647334	650000	652668	Tune-up	MPR
20	QPSK	1	1	18.31	18.14	18.09	20.0	0.0
Channel								
Frequency (MHz)				647168	650000	652834	Tune-up	MPR
15	QPSK	1	1	18.25	18.18	18.15	20.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up	MPR
10	QPSK	1	1	18.31	18.16	18.19	20.0	0.0

Part270Q n78 Ant7 DSI1 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3500.01	633334			
100	1/2 BPSK	1	1	15.70				
100	1/2 BPSK	1	137	15.78			17.0	0.0
100	1/2 BPSK	1	271	15.62				
100	1/2 BPSK	135	0	15.75			17.0	0.0
100	1/2 BPSK	135	69	15.61			17.0	0.0
100	1/2 BPSK	135	138	15.79			17.0	0.0
100	1/2 BPSK	270	0	15.59				
100	QPSK	1	1	15.86			17.0	0.0
100	QPSK	1	137	15.67				
100	QPSK	1	271	15.53				
100	QPSK	135	0	15.83			17.0	0.0
100	QPSK	135	69	15.85			17.0	0.0
100	QPSK	135	138	15.83			17.0	0.0
100	QPSK	270	0	15.72				
100	16QAM	1	1	15.71			17.0	0.0
100	64QAM	1	1	15.65			17.0	0.0
100	256QAM	1	1	15.63			17.0	0.0
Channel								
Frequency (MHz)				633000	633334	633668	Tune-up	MPR
90	QPSK	1	1	15.71	15.73	15.70	17.0	0.0
Channel								
Frequency (MHz)				632668	633334	634000	Tune-up	MPR
80	QPSK	1	1	15.75	15.79	15.65	17.0	0.0
Channel								
Frequency (MHz)				632334	633334	634334	Tune-up	MPR
70	QPSK	1	1	15.73	15.74	15.67	17.0	0.0
Channel								
Frequency (MHz)				632000	633334	634668	Tune-up	MPR
60	QPSK	1	1	15.74	15.79	15.74	17.0	0.0
Channel								
Frequency (MHz)				631668	633334	635000	Tune-up	MPR
50	QPSK	1	1	15.73	15.70	15.67	17.0	0.0
Channel								
Frequency (MHz)				631334	633334	635334	Tune-up	MPR
40	QPSK	1	1	15.73	15.68	15.68	17.0	0.0
Channel								
Frequency (MHz)				631000	633334	635668	Tune-up	MPR
30	QPSK	1	1	15.74	15.75	15.69	17.0	0.0
Channel								
Frequency (MHz)				630668	633334	636000	Tune-up	MPR
25	QPSK	1	1	15.72	15.69	15.64	17.0	0.0
Channel								
Frequency (MHz)				630500	633334	636168	Tune-up	MPR
20	QPSK	1	1	15.75	15.71	15.64	17.0	0.0
Channel								
Frequency (MHz)				630334	633334	636334	Tune-up	MPR
15	QPSK	1	1	15.74	15.78	15.64	17.0	0.0
Channel								
Frequency (MHz)				630301	633334	636301	Tune-up	MPR
10	QPSK	1	1	15.69	15.78	15.66	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	1/2 BPSK	1	1	18.63				
100	1/2 BPSK	1	137	18.67			20.0	0.0
100	1/2 BPSK	1	271	18.51				
100	1/2 BPSK	135	0	18.78			20.0	0.0
100	1/2 BPSK	135	69	18.62			20.0	0.0
100	1/2 BPSK	135	138	18.72			20.0	0.0
100	1/2 BPSK	270	0	18.65				
100	QPSK	1	1	18.86			20.0	0.0
100	QPSK	1	137	18.50				
100	QPSK	1	271	18.52				
100	QPSK	135	0	18.81			20.0	0.0
100	QPSK	135	69	18.84			20.0	0.0
100	QPSK	135	138	18.59			20.0	0.0
100	QPSK	270	0	18.79				
100	16QAM	1	1	18.64			20.0	0.0
100	64QAM	1	1	18.57			20.0	0.0
100	256QAM	1	1	18.75			20.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				2495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	18.72	18.72	18.79	20.0	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	18.68	18.75	18.74	20.0	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	18.70	18.64	18.72	20.0	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3460	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	18.79	18.76	18.79	20.0	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	18.78	18.65	18.74	20.0	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	18.78	18.65	18.74	20.0	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	18.68	18.73	18.68	20.0	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	18.73	18.69	18.76	20.0	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	18.77	18.70	18.78	20.0	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	18.80	18.70	18.76	20.0	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	18.77	18.67	18.74	20.0	0.0

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BW [MHz]	Modulati on	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	15.19	15.29	15.33		
40	1/2 BPSK	1	53	15.34	15.38	15.18	17.0	0.0
40	1/2 BPSK	1	104	15.19	15.26	15.10		
40	1/2 BPSK	50	0	15.27	15.42	15.33	17.0	0.0
40	1/2 BPSK	50	28	15.35	15.43	15.24	17.0	0.0
40	1/2 BPSK	50	56	15.26	15.26	15.15		
40	1/2 BPSK	100	0	15.27	15.43	15.30	17.0	0.0
40	QPSK	1	1	15.28	15.48	15.35		
40	QPSK	1	53	15.15	15.20	15.14	17.0	0.0
40	QPSK	1	104	15.15	15.24	15.14		
40	QPSK	50	0	15.23	15.35	15.18	17.0	0.0
40	QPSK	50	28	15.40	15.45	15.37	17.0	0.0
40	QPSK	50	56	15.25	15.37	15.33	17.0	0.0
40	QPSK	100	0	15.35	15.42	15.38		
40	16QAM	1	1	15.25	15.34	15.29	17.0	0.0
40	64QAM	1	1	15.33	15.43	15.22	17.0	0.0
40	256QAM	1	1	15.41	15.46	15.36	17.0	0.0
Channel				637668	641668	645668	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	15.16	15.28	15.17	17.0	0.0
Channel				637334	641668	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	15.21	15.29	15.19	17.0	0.0
Channel				637168	641668	646168	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	15.16	15.25	15.20	17.0	0.0
Channel				637000	641668	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	15.16	15.35	15.18	17.0	0.0

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BW [MHz]	Modulati on	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	17.46	17.61	17.38		
100	1/2 BPSK	1	137	17.39	17.57	17.43	18.5	0.0
100	1/2 BPSK	1	271	17.60	17.57	17.54		
100	1/2 BPSK	135	0	17.48	17.58	17.42	18.5	0.0
100	1/2 BPSK	135	69	17.46	17.59	17.53	18.5	0.0
100	1/2 BPSK	135	138	17.35	17.58	17.53		
100	1/2 BPSK	270	0	17.46	17.58	17.56	18.5	0.0
100	QPSK	1	1	17.49	17.62	17.61		
100	QPSK	1	137	17.43	17.55	17.39	18.5	0.0
100	QPSK	1	271	17.41	17.51	17.37		
100	QPSK	135	0	17.42	17.56	17.50	18.5	0.0
100	QPSK	135	69	17.49	17.57	17.50	18.5	0.0
100	QPSK	135	138	17.48	17.55	17.43	18.5	0.0
100	QPSK	270	0	17.42	17.57	17.52		
100	16QAM	1	1	17.28	17.39	17.39	18.5	0.0
100	64QAM	1	1	17.39	17.52	17.40	18.5	0.0
100	256QAM	1	1	17.53	17.60	17.56	18.5	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	17.43	17.55	17.45	18.5	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	17.45	17.59	17.47	18.5	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	17.48	17.52	17.45	18.5	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	17.45	17.59	17.41	18.5	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	17.51	17.56	17.40	18.5	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	17.55	17.55	17.44	18.5	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	17.45	17.58	17.47	18.5	0.0
Channel				647600	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	17.45	17.61	17.48	18.5	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	17.44	17.57	17.40	18.5	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	17.48	17.57	17.43	18.5	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	17.51	17.59	17.44	18.5	0.0

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BW [MHz]	Modulati on	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	20.44	20.54	20.52		
100	1/2 BPSK	1	137	20.51	20.54	20.55	21.5	0.0
100	1/2 BPSK	1	271	20.31	20.51	20.30		
100	1/2 BPSK	135	0	20.46	20.51	20.45	21.5	0.0
100	1/2 BPSK	135	69	20.53	20.53	20.53	21.5	0.0
100	1/2 BPSK	135	138	20.41	20.46	20.29	21.5	0.0
100	1/2 BPSK	270	0	20.49	20.50	20.48		
100	QPSK	1	1	20.49	20.59	20.44	21.5	0.0
100	QPSK	1	137	20.45	20.51	20.46		
100	QPSK	1	271	20.39	20.47	20.32		
100	QPSK	135	0	20.44	20.50	20.48	21.5	0.0
100	QPSK	135	69	20.38	20.51	20.45	21.5	0.0
100	QPSK	135	138	20.39	20.50	20.47	21.5	0.0
100	QPSK	270	0	20.45	20.48	20.47		
100	16QAM	1	1	20.42	20.51	20.38	21.5	0.0
100	64QAM	1	1	20.03	20.08	19.96	21.0	0.5
100	256QAM	1	1	18.00	18.05	17.91	19.0	2.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	20.41	20.57	20.46	21.5	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	20.45	20.53	20.50	21.5	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	20.47	20.48	20.51	21.5	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	20.49	20.53	20.54	21.5	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	20.39	20.50	20.48	21.5	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	20.42	20.56	20.50	21.5	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	20.45	20.50	20.54	21.5	0.0
Channel				647600	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	20.45	20.53	20.49	21.5	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	20.45	20.53	20.49	21.5	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	20.42	20.50	20.47	21.5	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	20.45	20.57	20.49	21.5	0.0

Part27Q n77 Ant8 DSI1 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power 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		17.03			
100	1/2 BPSK	1	137		17.05			
100	1/2 BPSK	1	271		17.05			
100	1/2 BPSK	135	0		17.00			
100	1/2 BPSK	135	69		16.99			
100	1/2 BPSK	135	138		16.99			
100	1/2 BPSK	270	0		17.02			
100	QPSK	1	1		17.11			
100	QPSK	1	137		16.93			
100	QPSK	1	271		16.92			
100	QPSK	135	0		16.98			
100	QPSK	135	69		17.06			
100	QPSK	135	138		17.05			
100	QPSK	270	0		17.01			
100	16QAM	1	1		16.98			
100	64QAM	1	1		16.98			
100	256QAM	1	1		16.91			
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		16.92	16.85	16.96	18.5
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		16.98	16.90	17.02	18.5
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		16.98	16.90	17.05	18.5
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		17.01	16.91	16.94	18.5
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		17.01	16.95	16.98	18.5
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		16.91	16.95	17.00	18.5
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		16.93	16.97	16.98	18.5
Channel				630334	633334	635934	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		16.94	16.90	16.98	18.5
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		16.95	16.89	17.01	18.5
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		16.92	16.93	17.05	18.5
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		16.94	16.96	16.96	18.5

Part27Q n77 PC2 Ant8 DSI1 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power 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		20.02			
100	1/2 BPSK	1	137		19.99			
100	1/2 BPSK	1	271		20.01			
100	1/2 BPSK	135	0		20.04			
100	1/2 BPSK	135	69		19.93			
100	1/2 BPSK	135	138		19.95			
100	1/2 BPSK	270	0		20.04			
100	QPSK	1	1		20.07			
100	QPSK	1	137		20.01			
100	QPSK	1	271		20.00			
100	QPSK	135	0		19.96			
100	QPSK	135	69		20.05			
100	QPSK	135	138		20.01			
100	QPSK	270	0		19.93			
100	16QAM	1	1		19.96			
100	64QAM	1	1		19.93			
100	256QAM	1	1		17.51			
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		19.93	19.94	19.97	21.5
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		19.90	19.98	19.99	21.5
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		19.98	19.98	19.99	21.5
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		19.93	20.00	19.93	21.5
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		19.94	19.98	19.98	21.5
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		19.88	20.00	19.99	21.5
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		19.98	20.03	19.88	21.5
Channel				630334	633334	635934	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		19.94	20.03	19.99	21.5
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		19.96	19.97	19.99	21.5
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		19.91	20.00	19.89	21.5
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		19.90	19.98	19.91	21.5

Part27O n78 Ant8 DSI1 Main PA

BW [MHz]	Modulation	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		17.16		18.5	0.0	
100	1/2 BPSK	1	137		17.06				
100	1/2 BPSK	1	271		17.19				
100	1/2 BPSK	135	0		17.04		18.5	0.0	
100	1/2 BPSK	135	69		17.25		18.5	0.0	
100	1/2 BPSK	135	138		17.05		18.5	0.0	
100	1/2 BPSK	270	0		17.15				
100	QPSK	1	1		17.26				
100	QPSK	1	137		17.12		18.5	0.0	
100	QPSK	1	271		17.17				
100	QPSK	135	0		17.10		18.5	0.0	
100	QPSK	135	69		17.22		18.5	0.0	
100	QPSK	135	138		17.13		18.5	0.0	
100	QPSK	270	0		17.22				
100	16QAM	1	1		17.12		18.5	0.0	
100	64QAM	1	1		17.19		18.5	0.0	
100	256QAM	1	1		17.20		18.5	0.0	
Channel				649668	650000	650334	Tune-up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)	
90	QPSK	1	1		17.17	17.21	17.17	18.5	0.0
Channel				649334	650000	650668	Tune-up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)	
80	QPSK	1	1		17.13	17.23	17.08	18.5	0.0
Channel				649000	650000	651000	Tune-up	MPR	
Frequency (MHz)				3735	3750	3765	limit	(dB)	
70	QPSK	1	1		17.13	17.24	17.16	18.5	0.0
Channel				648668	650000	651334	Tune-up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)	
60	QPSK	1	1		17.19	17.21	17.12	18.5	0.0
Channel				648334	650000	651668	Tune-up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)	
50	QPSK	1	1		17.20	17.26	17.19	18.5	0.0
Channel				648000	650000	652000	Tune-up	MPR	
Frequency (MHz)				3720	3750	3760	limit	(dB)	
40	QPSK	1	1		17.20	17.27	17.16	18.5	0.0
Channel				647668	650000	652334	Tune-up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)	
30	QPSK	1	1		17.13	17.25	17.10	18.5	0.0
Channel				647334	650000	652668	Tune-up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)	
25	QPSK	1	1		17.15	17.25	17.15	18.5	0.0
Channel				647000	650000	653000	Tune-up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)	
20	QPSK	1	1		17.17	17.22	17.12	18.5	0.0
Channel				646668	650000	652834	Tune-up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)	
15	QPSK	1	1		17.21	17.18	17.11	18.5	0.0
Channel				646334	650000	653334	Tune-up	MPR	
Frequency (MHz)				3705	3750	3795	limit	(dB)	
10	QPSK	1	1		17.14	17.26	17.19	18.5	0.0

Part270 n78 PC2 Ant8 DSI1 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3750	650000			
100	1/2 BPSK	1	1	20.20			21.5	0.0
100	1/2 BPSK	1	137	20.06				
100	1/2 BPSK	1	271	20.20				
100	1/2 BPSK	135	0	20.23			21.5	0.0
100	1/2 BPSK	135	69	20.12			21.5	0.0
100	1/2 BPSK	135	138	20.20			21.5	0.0
100	1/2 BPSK	270	0	20.23				
100	QPSK	1	1	20.28			21.5	0.0
100	QPSK	1	137	20.26				
100	QPSK	1	271	20.21				
100	QPSK	135	0	20.24			21.5	0.0
100	QPSK	135	69	20.27			21.5	0.0
100	QPSK	135	138	20.20			21.5	0.0
100	QPSK	270	0	20.22				
100	16QAM	1	1	20.24			21.5	0.0
100	64QAM	1	1	19.75			21.0	0.5
100	256QAM	1	1	17.67			19.0	2.5
Channel								
Frequency (MHz)								
				646668	650000	650334	Tune-up	MPR
				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	20.27	20.22	20.17	21.5	0.0
Channel								
Frequency (MHz)								
				640334	650000	650668	Tune-up	MPR
				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	20.22	20.13	20.14	21.5	0.0
Channel								
Frequency (MHz)								
				640000	650000	651000	Tune-up	MPR
				3735	3750	3765	limit	(dB)
70	QPSK	1	1	20.27	20.16	20.15	21.5	0.0
Channel								
Frequency (MHz)								
				646668	650000	651334	Tune-up	MPR
				3750.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	20.21	20.14	20.15	21.5	0.0
Channel								
Frequency (MHz)								
				648334	650000	651668	Tune-up	MPR
				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	20.23	20.12	20.20	21.5	0.0
Channel								
Frequency (MHz)								
				648000	650000	652000	Tune-up	MPR
				3720	3750	3780	limit	(dB)
40	QPSK	1	1	20.23	20.17	20.14	21.5	0.0
Channel								
Frequency (MHz)								
				647668	650000	652334	Tune-up	MPR
				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	20.22	20.14	20.17	21.5	0.0
Channel								
Frequency (MHz)								
				647500	650000	652000	Tune-up	MPR
				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	20.20	20.13	20.16	21.5	0.0
Channel								
Frequency (MHz)								
				647334	650000	652668	Tune-up	MPR
				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	20.23	20.13	20.22	21.5	0.0
Channel								
Frequency (MHz)								
				647168	650000	652834	Tune-up	MPR
				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	20.24	20.17	20.15	21.5	0.0
Channel								
Frequency (MHz)								
				647000	650000	653000	Tune-up	MPR
				3705	3750	3795	limit	(dB)
10	QPSK	1	1	20.20	20.20	20.23	21.5	0.0

Part270Q n78 Ant8 DSI1 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	16.99			18.5	0.0
100	1/2 BPSK	1	137	17.02				
100	1/2 BPSK	1	271	17.07				
100	1/2 BPSK	135	0	17.04			18.5	0.0
100	1/2 BPSK	135	69	16.99			18.5	0.0
100	1/2 BPSK	135	138	17.07			18.5	0.0
100	1/2 BPSK	270	0	16.88				
100	QPSK	1	1	17.10			18.5	0.0
100	QPSK	1	137	16.97				
100	QPSK	1	271	17.01				
100	QPSK	135	0	17.02			18.5	0.0
100	QPSK	135	69	17.07			18.5	0.0
100	QPSK	135	138	17.00			18.5	0.0
100	QPSK	270	0	16.95				
100	16QAM	1	1	16.90			18.5	0.0
100	64QAM	1	1	16.93			18.5	0.0
100	256QAM	1	1	16.67			18.5	0.0
Channel								
Frequency (MHz)				633000	633334	633668	Tune-up	MPR
				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	16.93	16.97	16.99	18.5	0.0
Channel								
Frequency (MHz)				632668	633334	634000	Tune-up	MPR
				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	16.86	16.89	16.99	18.5	0.0
Channel								
Frequency (MHz)				632334	633334	634334	Tune-up	MPR
				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	16.86	16.93	16.93	18.5	0.0
Channel								
Frequency (MHz)				632000	633334	634668	Tune-up	MPR
				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	16.83	16.96	16.99	18.5	0.0
Channel								
Frequency (MHz)				631668	633334	635000	Tune-up	MPR
				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	16.86	16.94	16.96	18.5	0.0
Channel								
Frequency (MHz)				631334	633334	635334	Tune-up	MPR
				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	16.85	16.89	16.96	18.5	0.0
Channel								
Frequency (MHz)				631000	633334	635668	Tune-up	MPR
				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	16.85	16.94	16.99	18.5	0.0
Channel								
Frequency (MHz)				630834	633334	635834	Tune-up	MPR
				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	16.86	16.90	16.93	18.5	0.0
Channel								
Frequency (MHz)				630668	633334	636000	Tune-up	MPR
				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	16.85	16.92	17.00	18.5	0.0
Channel								
Frequency (MHz)				630500	633334	636168	Tune-up	MPR
				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	16.88	16.90	16.94	18.5	0.0
Channel								
Frequency (MHz)				630334	633334	636334	Tune-up	MPR
				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	16.82	16.90	16.96	18.5	0.0

Reduced Power SA Mode for DSI1

n5 Ant1 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
				166800	167300	167800		
				834	836.5	839		
20	3/2 BPSK	1	1	19.18	19.20	19.07		
20	3/2 BPSK	1	53	19.02	19.05	19.04	20.5	0.0
20	3/2 BPSK	1	104	18.80	19.01	18.77		
20	3/2 BPSK	50	0	18.90	19.13	18.95	20.5	0.0
20	3/2 BPSK	50	28	19.01	19.03	19.00	20.5	0.0
20	3/2 BPSK	50	56	18.75	18.90	18.83	20.5	0.0
20	3/2 BPSK	100	0	19.04	19.13	19.04		
20	QPSK	1	1	19.15	19.23	19.20		
20	QPSK	1	53	18.99	19.02	18.92	20.5	0.0
20	QPSK	1	104	18.94	18.84	18.94		
20	QPSK	50	0	18.90	19.03	18.85	20.5	0.0
20	QPSK	50	28	19.17	19.21	19.18	20.5	0.0
20	QPSK	50	56	18.94	18.82	18.82	20.5	0.0
20	QPSK	100	0	19.14	19.20	19.00		
20	16QAM	1	1	19.04	19.14	19.18	20.5	0.0
20	64QAM	1	1	19.00	19.10	19.02	20.5	0.0
20	256QAM	1	1	19.17	19.20	19.16	20.5	0.0
				166300	167300	168300	Tune-up	MPR
				831.5	836.5	841.5	limit	(dB)
15	QPSK	1	1	19.13	19.20	19.20	20.5	0.0
				165800	167300	168800	Tune-up	MPR
				829	836.5	844	limit	(dB)
10	QPSK	1	1	19.14	19.22	19.22	20.5	0.0
				165300	167300	169300	Tune-up	MPR
				828.5	836.5	845.5	limit	(dB)
5	QPSK	1	1	19.09	19.18	19.17	20.5	0.0

Part270 n77 Ant1 DSI1 Main PA for ENDC

BW [MHz]	Modulati on	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	15.29	15.55	15.54		
100	1/2 BPSK	1	137	15.16	15.52	15.47	16.0	0.0
100	1/2 BPSK	1	271	15.28	15.51	15.48		
100	1/2 BPSK	135	0	15.34	15.50	15.46	16.0	0.0
100	1/2 BPSK	135	69	15.50	15.54	15.53	16.0	0.0
100	1/2 BPSK	135	138	15.37	15.55	15.55	16.0	0.0
100	1/2 BPSK	270	0	15.39	15.43	15.39	16.0	0.0
100	QPSK	1	1	15.34	15.57	15.45		
100	QPSK	1	137	15.26	15.40	15.35	16.0	0.0
100	QPSK	1	271	15.34	15.50	15.49		
100	QPSK	135	0	15.28	15.52	15.51	16.0	0.0
100	QPSK	135	69	15.22	15.53	15.48	16.0	0.0
100	QPSK	135	138	15.39	15.51	15.45	16.0	0.0
100	QPSK	270	0	15.39	15.49	15.46		
100	16QAM	1	1	15.22	15.31	15.35	16.0	0.0
100	64QAM	1	1	15.16	15.35	15.37	16.0	0.0
100	256QAM	1	1	15.13	15.23	15.14	16.0	0.0
Channel				649668	656000	662334	Tune-up MPR	
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	15.20	15.52	15.49	16.0	0.0
Channel				649334	656000	662668	Tune-up MPR	
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	15.30	15.50	15.45	16.0	0.0
Channel				649000	656000	663000	Tune-up MPR	
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	15.26	15.53	15.49	16.0	0.0
Channel				648668	656000	663334	Tune-up MPR	
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	15.25	15.55	15.46	16.0	0.0
Channel				648334	656000	663668	Tune-up MPR	
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	15.25	15.50	15.48	16.0	0.0
Channel				648000	656000	664000	Tune-up MPR	
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	15.29	15.53	15.44	16.0	0.0
Channel				647668	656000	664334	Tune-up MPR	
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	15.31	15.50	15.53	16.0	0.0
Channel				647500	656000	664500	Tune-up MPR	
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	15.24	15.54	15.50	16.0	0.0
Channel				647334	656000	664668	Tune-up MPR	
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	15.21	15.50	15.45	16.0	0.0
Channel				647168	656000	664834	Tune-up MPR	
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	15.23	15.56	15.49	16.0	0.0
Channel				647000	656000	665000	Tune-up MPR	
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	15.28	15.53	15.46	16.0	0.0

Part270 n77 PC2 Ant1 DSI1 Main PA for ENDC

BW [MHz]	Modulati on	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	18.28	18.42	18.34		
100	1/2 BPSK	1	137	18.42	18.57	18.51	19.0	0.0
100	1/2 BPSK	1	271	18.34	18.44	18.41		
100	1/2 BPSK	135	0	18.45	18.51	18.47	19.0	0.0
100	1/2 BPSK	135	69	18.41	18.51	18.52	19.0	0.0
100	1/2 BPSK	135	138	18.36	18.47	18.47	19.0	0.0
100	1/2 BPSK	270	0	18.42	18.58	18.59	19.0	0.0
100	QPSK	1	1	18.59	18.61	18.52		
100	QPSK	1	137	18.40	18.58	18.51	19.0	0.0
100	QPSK	1	271	18.36	18.45	18.46		
100	QPSK	135	0	18.35	18.43	18.54	19.0	0.0
100	QPSK	135	69	18.37	18.59	18.30	19.0	0.0
100	QPSK	135	138	18.46	18.55	18.52	19.0	0.0
100	QPSK	270	0	18.50	18.55	18.52		
100	16QAM	1	1	18.29	18.35	18.29	19.0	0.0
100	64QAM	1	1	17.45	17.54	17.59	19.0	0.0
100	256QAM	1	1	17.62	17.67	17.65	19.0	0.0
Channel				649668	656000	662334	Tune-up MPR	
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	18.43	18.53	18.56	19.0	0.0
Channel				649334	656000	662668	Tune-up MPR	
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	18.34	18.52	18.53	19.0	0.0
Channel				649000	656000	663000	Tune-up MPR	
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	18.43	18.58	18.55	19.0	0.0
Channel				648668	656000	663334	Tune-up MPR	
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	18.34	18.57	18.59	19.0	0.0
Channel				648334	656000	663668	Tune-up MPR	
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	18.35	18.60	18.59	19.0	0.0
Channel				648000	656000	664000	Tune-up MPR	
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	18.42	18.54	18.58	19.0	0.0
Channel				647668	656000	664334	Tune-up MPR	
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	18.35	18.53	18.51	19.0	0.0
Channel				647500	656000	664500	Tune-up MPR	
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	18.37	18.59	18.59	19.0	0.0
Channel				647334	656000	664668	Tune-up MPR	
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	18.41	18.60	18.58	19.0	0.0
Channel				647168	656000	664834	Tune-up MPR	
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	18.41	18.58	18.59	19.0	0.0
Channel				647000	656000	665000	Tune-up MPR	
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	18.35	18.58	18.53	19.0	0.0

Part27Q n77 Ant1 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		15.28			
100	1/2 BPSK	1	137		15.44		16.0	0.0
100	1/2 BPSK	1	271		15.33			
100	1/2 BPSK	135	0		15.48		16.0	0.0
100	1/2 BPSK	135	69		15.36		16.0	0.0
100	1/2 BPSK	135	138		15.32		16.0	0.0
100	1/2 BPSK	270	0		15.27		16.0	0.0
100	QPSK	1	1		15.50			
100	QPSK	1	137		15.36		16.0	0.0
100	QPSK	1	271		15.42			
100	QPSK	135	0		15.32		16.0	0.0
100	QPSK	135	69		15.45		16.0	0.0
100	QPSK	135	138		15.34		16.0	0.0
100	QPSK	270	0		15.41		16.0	0.0
100	16QAM	1	1		15.26		16.0	0.0
100	64QAM	1	1		15.31		16.0	0.0
100	256QAM	1	1		15.13		16.0	0.0
Channel				633000	633334	633668	Tune-up MPR	
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	15.36	15.41	15.46	16.0	0.0
Channel				632668	633334	634000	Tune-up MPR	
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	15.30	15.42	15.36	16.0	0.0
Channel				632334	633334	634334	Tune-up MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	15.35	15.47	15.41	16.0	0.0
Channel				632000	633334	634668	Tune-up MPR	
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	15.31	15.40	15.47	16.0	0.0
Channel				631668	633334	635000	Tune-up MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	15.29	15.44	15.39	16.0	0.0
Channel				631334	633334	635334	Tune-up MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	15.33	15.37	15.34	16.0	0.0
Channel				631000	633334	635668	Tune-up MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	15.29	15.37	15.37	16.0	0.0
Channel				630934	633334	635934	Tune-up MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	15.26	15.48	15.43	16.0	0.0
Channel				630668	633334	636000	Tune-up MPR	
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	15.29	15.45	15.36	16.0	0.0
Channel				630500	633334	636168	Tune-up MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	15.26	15.48	15.37	16.0	0.0
Channel				630334	633334	636334	Tune-up MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	15.34	15.48	15.44	16.0	0.0

Part27Q n77 PC2 Ant1 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
100	1/2 BPSK	1			18.30						
100	1/2 BPSK	1	137		18.36		19.0	0.0			
100	1/2 BPSK	1	271		18.38						
100	1/2 BPSK	135	0		18.40		19.0	0.0			
100	1/2 BPSK	135	69		18.46		19.0	0.0			
100	1/2 BPSK	135	138		18.38		19.0	0.0			
100	1/2 BPSK	270	0		18.45						
100	QPSK	1	1		18.49						
100	QPSK	1	137		18.37		19.0	0.0			
100	QPSK	1	271		18.36						
100	QPSK	135	0		18.42		19.0	0.0			
100	QPSK	135	69		18.48		19.0	0.0			
100	QPSK	135	138		18.47		19.0	0.0			
100	QPSK	270	0		18.47						
100	16QAM	1	1		18.31		19.0	0.0			
100	64QAM	1	1		17.65		19.0	0.0			
100	256QAM	1	1		17.46		19.0	0.0			
Channel											
Frequency (MHz)											
90	QPSK	1	1	633000	633334	633668	Tune-up limit	MPR (dB)			
				3495	3500.01	3505.02					
90	QPSK	1	1	18.33	18.37	18.31	19.0	0.0			
				632668	633334	634000	Tune-up MPR				
Channel											
Frequency (MHz)											
80	QPSK	1	1	632000	633334	634668	Tune-up MPR				
				18.29	18.36	18.39	19.0	0.0			
Channel											
Frequency (MHz)											
70	QPSK	1	1	632334	633334	634334	Tune-up MPR				
				3485.01	3500.01	3515.01	limit	(dB)			
70	QPSK	1	1	18.29	18.32	18.39	19.0	0.0			
				632000	633334	634668	Tune-up MPR				
Channel											
Frequency (MHz)											
60	QPSK	1	1	631668	633334	635000	Tune-up MPR				
				3475.02	3500.01	3525	limit	(dB)			
50	QPSK	1	1	18.30	18.32	18.28	19.0	0.0			
				631334	633334	635334	Tune-up MPR				
Channel											
Frequency (MHz)											
40	QPSK	1	1	631000	633334	635834	Tune-up MPR				
				3465	3500.01	3535.02	limit	(dB)			
30	QPSK	1	1	18.31	18.38	18.37	19.0	0.0			
				630834	633334	635834	Tune-up MPR				
Channel											
Frequency (MHz)											
25	QPSK	1	1	630668	633334	636000	Tune-up MPR				
				3460.02	3500.01	3540	limit	(dB)			
20	QPSK	1	1	18.30	18.38	18.30	19.0	0.0			
				630500	633334	636168	Tune-up MPR				
Channel											
Frequency (MHz)											
15	QPSK	1	1	630334	633334	636334	Tune-up MPR				
				3457.5	3500.01	3542.52	limit	(dB)			
15	QPSK	1	1	18.26	18.29	18.34	19.0	0.0			
				630334	633334	636334	Tune-up MPR				
Channel											
Frequency (MHz)											
10	QPSK	1	1	630000	633334	636500	Tune-up MPR				
				3455.01	3500.01	3545.01	limit	(dB)			
10	QPSK	1	1	18.30	18.40	18.33	19.0	0.0			

Part27O n78 Ant1 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	1/2 BPSK	1	1	14.99	650000			
100	1/2 BPSK	1	137	15.21			16.0	0.0
100	1/2 BPSK	1	271	14.94				
100	1/2 BPSK	135	0	15.12			16.0	0.0
100	1/2 BPSK	135	69	15.00			16.0	0.0
100	1/2 BPSK	135	138	15.00			16.0	0.0
100	1/2 BPSK	270	0	15.11			16.0	0.0
100	QPSK	1	1	15.26				
100	QPSK	1	137	15.17			16.0	0.0
100	QPSK	1	271	15.09				
100	QPSK	135	0	15.09			16.0	0.0
100	QPSK	135	69	15.21			16.0	0.0
100	QPSK	135	138	15.08			16.0	0.0
100	QPSK	270	0	15.13			16.0	0.0
100	16QAM	1	1	15.01			16.0	0.0
100	64QAM	1	1	14.91			16.0	0.0
100	256QAM	1	1	14.83			16.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	649668	650000	650334	Tune-up MPR	
				3745.02	3750	3755.01	limit (dB)	
90	QPSK	1	1	15.14	15.18	15.13	16.0	0.0
				649334	650000	650668	Tune-up MPR	
Channel								
Frequency (MHz)								
80	QPSK	1	1	649000	650000	651000	Tune-up MPR	
				15.19	15.18	15.15	16.0	0.0
80	QPSK	1	1	648500	650000	651500	Tune-up MPR	
				3745	3750	3755	limit (dB)	
70	QPSK	1	1	15.11	15.21	15.10	16.0	0.0
				648668	650000	651334	Tune-up MPR	
Channel								
Frequency (MHz)								
60	QPSK	1	1	649000	650000	651000	Tune-up MPR	
				15.17	15.15	15.12	16.0	0.0
60	QPSK	1	1	648334	650000	651668	Tune-up MPR	
				3725.01	3750	3775.02	limit (dB)	
50	QPSK	1	1	15.11	15.20	15.19	16.0	0.0
				648000	650000	652000	Tune-up MPR	
Channel								
Frequency (MHz)								
40	QPSK	1	1	647968	650000	652000	Tune-up MPR	
				15.18	15.20	15.11	16.0	0.0
40	QPSK	1	1	647668	650000	652334	Tune-up MPR	
				3715.02	3750	3785.01	limit (dB)	
30	QPSK	1	1	15.15	15.18	15.21	16.0	0.0
				647500	650000	652500	Tune-up MPR	
Channel								
Frequency (MHz)								
25	QPSK	1	1	647234	650000	652868	Tune-up MPR	
				15.12	15.20	15.16	16.0	0.0
25	QPSK	1	1	647000	650000	653000	Tune-up MPR	
				3710.01	3750	3790.02	limit (dB)	
20	QPSK	1	1	15.11	15.23	15.21	16.0	0.0
				646768	650000	653334	Tune-up MPR	
Channel								
Frequency (MHz)								
15	QPSK	1	1	646500	650000	653668	Tune-up MPR	
				3707.52	3750	3792.51	limit (dB)	
15	QPSK	1	1	15.19	15.14	15.17	16.0	0.0
				646334	650000	654000	Tune-up MPR	
Channel								
Frequency (MHz)								
10	QPSK	1	1	646168	650000	654334	Tune-up MPR	
				3705	3750	3795	limit (dB)	

Part27Q n78 Ant1 DSI1 Main PA for ENDC

BW [MHz]	Modulati on	RB Size	RB Offset	Power 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		15.06			
100	1/2 BPSK	1	137		15.23			
100	1/2 BPSK	1	271		15.18		16.0	0.0
100	1/2 BPSK	135	0		15.35		16.0	0.0
100	1/2 BPSK	135	69		15.16		16.0	0.0
100	1/2 BPSK	135	138		15.20		16.0	0.0
100	1/2 BPSK	270	0		15.18			
100	QPSK	1	1		15.40			
100	QPSK	1	137		15.24		16.0	0.0
100	QPSK	1	271		15.14			
100	QPSK	135	0		15.17		16.0	0.0
100	QPSK	135	69		15.36		16.0	0.0
100	QPSK	135	138		15.01		16.0	0.0
100	QPSK	270	0		15.31		16.0	0.0
100	16QAM	1	1		15.00		16.0	0.0
100	64QAM	1	1		15.00		16.0	0.0
100	256QAM	1	1		15.08		16.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		15.20	15.19	15.20	16.0 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		15.15	15.26	15.17	16.0 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		15.19	15.23	15.15	16.0 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		15.22	15.22	15.20	16.0 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		15.24	15.23	15.18	16.0 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		15.20	15.18	15.13	16.0 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		15.21	15.23	15.15	16.0 0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		15.18	15.23	15.21	16.0 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		15.24	15.25	15.12	16.0 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		15.16	15.17	15.16	16.0 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		15.16	15.18	15.12	16.0 0.0

Part27Q n78 PC2 Ant1 DSI1 Main PA for ENDC

BW [MHz]	Modulati on	RB Size	RB Offset	Power 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		18.09			
100	1/2 BPSK	1	137		18.21		19.0	0.0
100	1/2 BPSK	1	271		18.10			
100	1/2 BPSK	135	0		18.21		19.0	0.0
100	1/2 BPSK	135	69		18.22		19.0	0.0
100	1/2 BPSK	135	138		18.34		19.0	0.0
100	1/2 BPSK	270	0		18.32			
100	QPSK	1	1		18.39			
100	QPSK	1	137		18.37		19.0	0.0
100	QPSK	1	271		18.22			
100	QPSK	135	0		18.32		19.0	0.0
100	QPSK	135	69		18.35		19.0	0.0
100	QPSK	135	138		18.29		19.0	0.0
100	QPSK	270	0		18.38		19.0	0.0
100	16QAM	1	1		18.13		19.0	0.0
100	64QAM	1	1		17.49		19.0	0.0
100	256QAM	1	1		17.51		19.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		18.23	18.28	18.13	19.0 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		18.22	18.29	18.11	19.0 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		18.31	18.25	18.18	19.0 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		18.29	18.28	18.12	19.0 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		18.24	18.26	18.21	19.0 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		18.24	18.20	18.15	19.0 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		18.32	18.28	18.17	19.0 0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		18.24	18.29	18.17	19.0 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		18.34	18.30	18.13	19.0 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		18.30	18.21	18.15	19.0 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		18.22	18.21	18.11	19.0 0.0

n66 Ant2 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
	Channel			346000	349000	352000		
	Frequency (MHz)			1730	1745	1760		
40	3/2 BPSK	1	1	15.82	15.90	15.67		
40	3/2 BPSK	1	108	15.67	15.71	15.67	17.0	0.0
40	3/2 BPSK	1	214	15.88	15.99	15.80		
40	3/2 BPSK	108	0	15.68	15.64	15.69	17.0	0.0
40	3/2 BPSK	108	54	15.75	15.76	15.68	17.0	0.0
40	3/2 BPSK	108	108	15.68	15.84	15.74	17.0	0.0
40	3/2 BPSK	216	0	15.39	15.31	15.23		
40	QPSK	1	1	15.86	15.05	15.92		
40	QPSK	1	108	15.79	15.78	15.52	17.0	0.0
40	QPSK	1	214	15.99	16.04	15.70		
40	QPSK	108	0	15.57	15.67	15.54	17.0	0.0
40	QPSK	108	54	15.80	15.96	15.76	17.0	0.0
40	QPSK	108	108	15.73	15.70	15.64	17.0	0.0
40	QPSK	216	0	15.66	15.90	15.84		
40	16QAM	1	1	15.53	15.49	15.43	17.0	0.0
40	64QAM	1	1	15.37	15.70	15.55	17.0	0.0
40	256QAM	1	1	15.61	15.63	15.51	17.0	0.0
	Channel			345500	349000	352500	Tune-up	MPR
	Frequency (MHz)			1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	15.92	15.89	15.75	17.0	0.0
	Channel			345000	349000	353000	Tune-up	MPR
	Frequency (MHz)			1725	1745	1765	limit	(dB)
30	QPSK	1	1	15.94	15.99	15.69	17.0	0.0
	Channel			344500	349000	353500	Tune-up	MPR
	Frequency (MHz)			1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	15.93	15.98	15.76	17.0	0.0
	Channel			344000	349000	354000	Tune-up	MPR
	Frequency (MHz)			1720	1745	1770	limit	(dB)
20	QPSK	1	1	15.92	15.98	15.77	17.0	0.0
	Channel			343500	349000	354500	Tune-up	MPR
	Frequency (MHz)			1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	15.91	15.84	15.69	17.0	0.0
	Channel			343000	349000	355000	Tune-up	MPR
	Frequency (MHz)			1715	1745	1775	limit	(dB)
10	QPSK	1	1	15.90	15.99	15.71	17.0	0.0
	Channel			342500	349000	355500	Tune-up	MPR
	Frequency (MHz)			1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	15.86	15.99	15.75	17.0	0.0

n66 Ant5 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
	Channel			346000	349000	352000		
	Frequency (MHz)			1730	1745	1760		
40	3/2 BPSK	1	1	19.21	19.49	19.31		
40	3/2 BPSK	1	108	19.42	19.38	19.38	20.5	0.0
40	3/2 BPSK	1	214	19.35	19.35	19.37		
40	3/2 BPSK	108	0	19.26	19.31	19.27	20.5	0.0
40	3/2 BPSK	108	54	19.29	19.39	19.26	20.5	0.0
40	3/2 BPSK	108	108	19.34	19.47	19.32	20.5	0.0
40	3/2 BPSK	216	0	19.37	19.48	19.13		
40	QPSK	1	1	19.54	19.62	19.55		
40	QPSK	1	108	19.34	19.41	19.19	20.5	0.0
40	QPSK	1	214	19.36	19.36	19.33		
40	QPSK	108	0	19.32	19.25	19.24	20.5	0.0
40	QPSK	108	54	19.43	19.58	19.45	20.5	0.0
40	QPSK	108	108	19.24	19.16	19.21		
40	QPSK	216	0	19.44	19.47	19.42	20.5	0.0
40	16QAM	1	1	19.07	19.30	19.11	20.5	0.0
40	64QAM	1	1	19.15	19.16	19.04	20.0	0.5
40	256QAM	1	1	17.09	17.19	17.08	18.0	2.5
	Channel			345500	349000	352500	Tune-up	MPR
	Frequency (MHz)			1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	19.42	19.35	19.36	22.5	0.0
	Channel			345000	349000	353000	Tune-up	MPR
	Frequency (MHz)			1725	1745	1765	limit	(dB)
30	QPSK	1	1	19.39	19.27	19.37	20.5	0.0
	Channel			344500	349000	353500	Tune-up	MPR
	Frequency (MHz)			1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	19.35	19.28	19.35	20.5	0.0
	Channel			344000	349000	354000	Tune-up	MPR
	Frequency (MHz)			1720	1745	1770	limit	(dB)
20	QPSK	1	1	19.41	19.27	19.33	20.5	0.0
	Channel			343500	349000	354500	Tune-up	MPR
	Frequency (MHz)			1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	19.43	19.26	19.36	20.5	0.0
	Channel			343000	349000	355000	Tune-up	MPR
	Frequency (MHz)			1715	1745	1775	limit	(dB)
10	QPSK	1	1	19.42	19.36	19.30	20.5	0.0
	Channel			342500	349000	355500	Tune-up	MPR
	Frequency (MHz)			1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	19.46	19.28	19.40	20.5	0.0

Part27O n77 Ant6 DSI1 Main PA for ENDC

BW [MHz]	Modulat ion	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	3/2 BPSK	1	1	14.03	14.20	14.00		
100	3/2 BPSK	1	137	14.03	14.36	14.19		
100	3/2 BPSK	1	271	14.16	14.27	14.28	14.7	0.0
100	3/2 BPSK	135	0	13.97	14.27	14.28	14.7	0.0
100	3/2 BPSK	135	69	14.13	14.21	14.14	14.7	0.0
100	3/2 BPSK	135	138	13.94	14.34	14.24	14.7	0.0
100	3/2 BPSK	270	0	14.05	14.25	14.18		
100	QPSK	1	1	14.07	14.37	14.36		
100	QPSK	1	137	14.04	14.27	14.05	14.7	0.0
100	QPSK	1	271	13.99	14.16	14.10		
100	QPSK	135	0	13.98	14.23	14.04	14.7	0.0
100	QPSK	135	69	14.24	14.32	14.26	14.7	0.0
100	QPSK	135	138	14.10	14.24	14.22	14.7	0.0
100	QPSK	270	0	14.19	14.37	14.24	14.7	0.0
100	16QAM	1	1	14.15	14.30	14.30	14.7	0.0
100	64QAM	1	1	14.12	14.20	14.09	14.7	0.0
100	256QAM	1	1	14.11	14.35	14.04	14.7	0.0
Channel				649668	656000	662334	Tune-up MPR	
Frequency (MHz)				3745.02	3840	3935.01	limit (dB)	
90	QPSK	1	1	14.22	14.35	14.18	14.7	0.0
Channel				649334	656000	662668	Tune-up MPR	
Frequency (MHz)				3740.01	3840	3940.02	limit (dB)	
80	QPSK	1	1	14.26	14.25	14.20	14.7	0.0
Channel				649000	656000	663000	Tune-up MPR	
Frequency (MHz)				3735	3840	3945	limit (dB)	
70	QPSK	1	1	14.21	14.31	14.16	14.7	0.0
Channel				648668	656000	663334	Tune-up MPR	
Frequency (MHz)				3730.02	3840	3950.01	limit (dB)	
60	QPSK	1	1	14.28	14.32	14.20	14.7	0.0
Channel				648334	656000	663668	Tune-up MPR	
Frequency (MHz)				3725.01	3840	3955.02	limit (dB)	
50	QPSK	1	1	14.26	14.31	14.12	14.7	0.0
Channel				648000	656000	664000	Tune-up MPR	
Frequency (MHz)				3720	3840	3960	limit (dB)	
40	QPSK	1	1	14.29	14.32	14.13	14.7	0.0
Channel				647668	656000	664334	Tune-up MPR	
Frequency (MHz)				3715.02	3840	3965.01	limit (dB)	
30	QPSK	1	1	14.30	14.28	14.21	14.7	0.0
Channel				647500	656000	664500	Tune-up MPR	
Frequency (MHz)				3712.5	3840	3967.5	limit (dB)	
25	QPSK	1	1	14.26	14.29	14.12	14.7	0.0
Channel				647334	656000	664668	Tune-up MPR	
Frequency (MHz)				3710.01	3840	3970.02	limit (dB)	
20	QPSK	1	1	14.30	14.26	14.17	14.7	0.0
Channel				647168	656000	664834	Tune-up MPR	
Frequency (MHz)				3707.52	3840	3972.51	limit (dB)	
15	QPSK	1	1	14.29	14.27	14.18	14.7	0.0
Channel				647000	656000	665000	Tune-up MPR	
Frequency (MHz)				3705	3840	3975	limit (dB)	
10	QPSK	1	1	14.20	14.27	14.09	14.7	0.0

Part27O n77 PC2 Ant6 DSI1 Main PA for ENDC

BW [MHz]	Modulat ion	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	3/2 BPSK	1	1	16.96	17.31	17.27		
100	3/2 BPSK	1	137	17.02	17.30	17.21	17.7	0.0
100	3/2 BPSK	1	271	17.11	17.23	17.10		
100	3/2 BPSK	135	0	16.92	17.21	17.12	17.7	0.0
100	3/2 BPSK	135	69	16.98	17.25	17.22	17.7	0.0
100	3/2 BPSK	135	138	17.03	17.27	17.27	17.7	0.0
100	3/2 BPSK	270	0	16.97	17.34	17.16		
100	QPSK	1	1	17.30	17.39	17.31		
100	QPSK	1	137	17.11	17.23	17.20	17.7	0.0
100	QPSK	1	271	16.98	17.25	17.09		
100	QPSK	135	0	16.99	17.34	17.18	17.7	0.0
100	QPSK	135	69	17.14	17.38	17.21	17.7	0.0
100	QPSK	135	138	17.11	17.30	17.21	17.7	0.0
100	QPSK	270	0	17.06	17.37	17.24	17.7	0.0
100	16QAM	1	1	16.98	17.26	17.28	17.7	0.0
100	64QAM	1	1	16.86	17.34	17.15	17.7	0.0
100	256QAM	1	1	16.72	16.78	16.78	17.7	0.0
Channel				649668	656000	662334	Tune-up MPR	
Frequency (MHz)				3745.02	3840	3935.01	limit (dB)	
90	QPSK	1	1	16.93	17.26	17.19	17.7	0.0
Channel				649334	656000	662668	Tune-up MPR	
Frequency (MHz)				3740.01	3840	3940.02	limit (dB)	
80	QPSK	1	1	16.97	17.17	17.29	17.7	0.0
Channel				649000	656000	663000	Tune-up MPR	
Frequency (MHz)				3735	3840	3945	limit (dB)	
70	QPSK	1	1	16.94	17.17	17.19	17.7	0.0
Channel				648668	656000	663334	Tune-up MPR	
Frequency (MHz)				3730.02	3840	3950.01	limit (dB)	
60	QPSK	1	1	16.97	17.23	17.22	17.7	0.0
Channel				648334	656000	663668	Tune-up MPR	
Frequency (MHz)				3725.01	3840	3955.02	limit (dB)	
50	QPSK	1	1	16.90	17.18	17.17	17.7	0.0
Channel				648000	656000	664000	Tune-up MPR	
Frequency (MHz)				3720	3840	3960	limit (dB)	
40	QPSK	1	1	16.93	17.26	17.26	17.7	0.0
Channel				647668	656000	664334	Tune-up MPR	
Frequency (MHz)				3715.02	3840	3965.01	limit (dB)	
30	QPSK	1	1	16.99	17.25	17.29	17.7	0.0
Channel				647500	656000	664500	Tune-up MPR	
Frequency (MHz)				3712.5	3840	3967.5	limit (dB)	
25	QPSK	1	1	16.92	17.27	17.18	17.7	0.0
Channel				647334	656000	664668	Tune-up MPR	
Frequency (MHz)				3710.01	3840	3970.02	limit (dB)	
20	QPSK	1	1	16.95	17.25	17.25	17.7	0.0
Channel				647168	656000	664834	Tune-up MPR	
Frequency (MHz)				3707.52	3840	3972.51	limit (dB)	
15	QPSK	1	1	16.92	17.21	17.29	17.7	0.0
Channel				647000	656000	665000	Tune-up MPR	
Frequency (MHz)				3705	3840	3975	limit (dB)	
10	QPSK	1	1	17.01	17.15	17.29	17.7	0.0

Part27Q n77 Ant6 DSI1 Main PA for ENDC

BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668		
Frequency (MHz)				3500.01				
100	3/2 BPSK	1	1	14.22				
100	3/2 BPSK	1	137	14.30			14.7	0.0
100	3/2 BPSK	1	271	14.30				
100	3/2 BPSK	135	0	14.18			14.7	0.0
100	3/2 BPSK	135	69	14.31			14.7	0.0
100	3/2 BPSK	135	138	14.28			14.7	0.0
100	3/2 BPSK	270	0	14.32				
100	QPSK	1	1	14.37				
100	QPSK	1	137	14.26			14.7	0.0
100	QPSK	1	271	14.24				
100	QPSK	135	0	14.16			14.7	0.0
100	QPSK	135	69	14.29			14.7	0.0
100	QPSK	135	138	14.25			14.7	0.0
100	QPSK	270	0	14.27			14.7	0.0
100	16QAM	1	1	14.35			14.7	0.0
100	64QAM	1	1	14.23			14.7	0.0
100	256QAM	1	1	14.29			14.7	0.0
Channel				633000	633334	633668	Tune-up MPR	
Frequency (MHz)				3495	3500.01	3505.02	limit (dB)	
90	QPSK	1	1	14.24	14.32	14.35	14.7	0.0
Channel				632668	633334	634000	Tune-up MPR	
Frequency (MHz)				3490.02	3500.01	3510	limit (dB)	
80	QPSK	1	1	14.19	14.28	14.36	14.7	0.0
Channel				632334	633334	634334	Tune-up MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit (dB)	
70	QPSK	1	1	14.28	14.30	14.36	14.7	0.0
Channel				632000	633334	634668	Tune-up MPR	
Frequency (MHz)				3480	3500.01	3520.02	limit (dB)	
60	QPSK	1	1	14.25	14.34	14.29	14.7	0.0
Channel				631668	633334	635000	Tune-up MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit (dB)	
50	QPSK	1	1	14.21	14.32	14.29	14.7	0.0
Channel				631334	633334	635334	Tune-up MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit (dB)	
40	QPSK	1	1	14.17	14.33	14.36	14.7	0.0
Channel				631000	633334	635668	Tune-up MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit (dB)	

Part27Q n77 PC2 Ant6 DSI1 Main PA for ENDC

BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1		17.30			
100	1/2 BPSK	1	137		17.30		17.7	0.0
100	1/2 BPSK	1	271		17.10			
100	1/2 BPSK	135	0		17.29		17.7	0.0
100	1/2 BPSK	135	69		17.20		17.7	0.0
100	1/2 BPSK	135	138		17.21			
100	1/2 BPSK	270	0		17.20		17.7	0.0
100	QPSK	1	1		17.34			
100	QPSK	1	137		17.24		17.7	0.0
100	QPSK	1	271		17.06			
100	QPSK	135	0		17.14		17.7	0.0
100	QPSK	135	69		17.33		17.7	0.0
100	QPSK	135	138		17.12			
100	QPSK	270	0		17.22		17.7	0.0
100	16QAM	1	1		17.17		17.7	0.0
100	64QAM	1	1		17.13		17.7	0.0
100	256QAM	1	1		16.90		17.7	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		17.20	17.18	17.19	17.7 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		17.21	17.26	17.26	17.7 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		17.23	17.21	17.19	17.7 0.0
Channel				632000	633334	634068	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		17.18	17.21	17.23	17.7 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		17.11	17.23	17.19	17.7 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		17.20	17.23	17.25	17.7 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		17.13	17.29	17.26	17.7 0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		17.22	17.25	17.23	17.7 0.0
Channel				630568	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		17.17	17.23	17.28	17.7 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		17.12	17.22	17.19	17.7 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		17.20	17.21	17.22	17.7 0.0

Part27O n78 Ant6 DSI1 Main PA for ENDC

BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750				
100	1/2 BPSK	1	1		13.68			
100	1/2 BPSK	1	137		13.67		14.7	0.0
100	1/2 BPSK	1	271		13.85			
100	1/2 BPSK	135	0		13.76		14.7	0.0
100	1/2 BPSK	135	69		13.84		14.7	0.0
100	1/2 BPSK	135	138		13.75			
100	1/2 BPSK	270	0		13.72		14.7	0.0
100	QPSK	1	1		13.92			
100	QPSK	1	137		13.82		14.7	0.0
100	QPSK	1	271		13.57			
100	QPSK	135	0		13.77		14.7	0.0
100	QPSK	135	69		13.82		14.7	0.0
100	QPSK	135	138		13.77			
100	QPSK	270	0		13.88		14.7	0.0
100	16QAM	1	1		13.77		14.7	0.0
100	64QAM	1	1		13.82		14.7	0.0
100	256QAM	1	1		13.77		14.7	0.0
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1		13.77	13.77	13.83	14.7 0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1		13.79	13.76	13.96	14.7 0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1		13.84	13.82	13.85	14.7 0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1		13.79	13.75	13.82	14.7 0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1		13.74	13.74	13.88	14.7 0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1		13.77	13.70	13.87	14.7 0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1		13.79	13.75	13.83	14.7 0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1		13.74	13.77	13.91	14.7 0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1		13.84	13.71	13.84	14.7 0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1		13.77	13.75	13.89	14.7 0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1		13.81	13.71	13.88	14.7 0.0

Part27O n78 PC2 Ant6 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				3750				
Frequency (MHz)								
100	1/2 BPSK	1	1		16.85			
100	1/2 BPSK	1	137		16.75		17.7	0.0
100	1/2 BPSK	1	271		16.73			
100	1/2 BPSK	135	0		16.86		17.7	0.0
100	1/2 BPSK	135	69		16.86		17.7	0.0
100	1/2 BPSK	135	138		16.86			
100	1/2 BPSK	270	0		16.74		17.7	0.0
100	QPSK	1	1		16.90			
100	QPSK	1	137		16.83		17.7	0.0
100	QPSK	1	271		16.65			
100	QPSK	135	0		16.64		17.7	0.0
100	QPSK	135	69		16.67		17.7	0.0
100	QPSK	135	138		16.76		17.7	0.0
100	QPSK	270	0		16.83		17.7	0.0
100	16QAM	1	1		16.82		17.7	0.0
100	64QAM	1	1		16.72		17.7	0.0
100	256QAM	1	1		16.28		17.7	0.0
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1		16.85	16.86	16.81	17.7 0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1		16.81	16.87	16.81	17.7 0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1		16.87	16.83	16.89	17.7 0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1		16.83	16.88	16.89	17.7 0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1		16.87	16.82	16.88	17.7 0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1		16.87	16.89	16.88	17.7 0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1		16.88	16.85	16.84	17.7 0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1		16.80	16.86	16.88	17.7 0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1		16.86	16.86	16.85	17.7 0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1		16.86	16.82	16.87	17.7 0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1		16.89	16.83	16.84	17.7 0.0

Part27Q n78 Ant6 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334		633334		
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	14.03				
100	1/2 BPSK	1	137	13.91			14.7	0.0
100	1/2 BPSK	1	271	14.13				
100	1/2 BPSK	135	0	14.10			14.7	0.0
100	1/2 BPSK	135	69	13.98			14.7	0.0
100	1/2 BPSK	135	138	14.05			14.7	0.0
100	1/2 BPSK	270	0	14.24				
100	QPSK	1	1	14.22				
100	QPSK	1	137	14.10			14.7	0.0
100	QPSK	1	271	13.89				
100	QPSK	135	0	14.04			14.7	0.0
100	QPSK	135	69	14.11			14.7	0.0
100	QPSK	135	138	13.96			14.7	0.0
100	QPSK	270	0	14.26				
100	16QAM	1	1	13.99			14.7	0.0
100	64QAM	1	1	14.15			14.7	0.0
100	256QAM	1	1	14.22			14.7	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	14.17	14.20	14.18	14.7	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	14.13	14.26	14.16	14.7	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	14.12	14.19	14.20	14.7	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	14.12	14.16	14.19	14.7	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	14.18	14.22	14.17	14.7	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	14.16	14.19	14.13	14.7	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	14.10	14.18	14.08	14.7	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	14.13	14.25	14.16	14.7	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	14.11	14.23	14.18	14.7	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	14.13	14.19	14.14	14.7	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	14.11	14.24	14.11	14.7	0.0

Part27Q n78 PC2 Ant6 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334		633334		
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	17.09				
100	1/2 BPSK	1	137	16.98			17.7	0.0
100	1/2 BPSK	1	271	17.05				
100	1/2 BPSK	135	0	17.14			17.7	0.0
100	1/2 BPSK	135	69	17.14			17.7	0.0
100	1/2 BPSK	135	138	17.04			17.7	0.0
100	1/2 BPSK	270	0	17.01				
100	QPSK	1	1	17.27				
100	QPSK	1	137	17.22			17.7	0.0
100	QPSK	1	271	16.90				
100	QPSK	135	0	16.99			17.7	0.0
100	QPSK	135	69	17.09			17.7	0.0
100	QPSK	135	138	17.00			17.7	0.0
100	QPSK	270	0	17.19				
100	16QAM	1	1	17.17			17.7	0.0
100	64QAM	1	1	16.97			17.7	0.0
100	256QAM	1	1	16.50			17.7	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	17.08	17.15	17.16	17.7	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	17.13	17.17	17.09	17.7	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	17.11	17.17	17.16	17.7	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	17.09	17.21	17.17	17.7	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	17.09	17.24	17.17	17.7	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	17.14	17.13	17.09	17.7	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	17.04	17.17	17.10	17.7	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	17.13	17.22	17.07	17.7	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	17.04	17.21	17.11	17.7	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	17.05	17.14	17.13	17.7	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	17.04	17.17	17.06	17.7	0.0

Part27O n77 Ant7 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	13.33	13.43	13.45		
100	1/2 BPSK	1	137	13.39	13.39	13.34	15.0	0.0
100	1/2 BPSK	1	271	13.30	13.37	13.31		
100	1/2 BPSK	135	0	13.24	13.44	13.28	15.0	0.0
100	1/2 BPSK	135	69	13.27	13.41	13.42	15.0	0.0
100	1/2 BPSK	135	138	13.19	13.34	13.36		
100	1/2 BPSK	270	0	13.43	13.41	13.34	15.0	0.0
100	QPSK	1	1	13.32	13.50	13.44		
100	QPSK	1	137	13.34	13.40	13.36	15.0	0.0
100	QPSK	1	271	13.07	13.20	13.01		
100	QPSK	135	0	13.36	13.45	13.43	15.0	0.0
100	QPSK	135	69	13.40	13.48	13.36	15.0	0.0
100	QPSK	135	138	13.19	13.33	13.33		
100	QPSK	270	0	13.29	13.41	13.38	15.0	0.0
100	16QAM	1	1	13.23	13.45	13.30	15.0	0.0
100	64QAM	1	1	13.35	13.42	13.36	15.0	0.0
100	256QAM	1	1	13.24	13.28	13.30	15.0	0.0
Channel				649668	656000	662334	Tune-up MPR	
Frequency (MHz)				3745.02	3840	3935.01	limit (dB)	
90	QPSK	1	1	13.13	13.14	13.17	15.0	0.0
Channel				649334	656000	662668	Tune-up MPR	
Frequency (MHz)				3740.01	3840	3940.02	limit (dB)	
80	QPSK	1	1	13.09	13.12	13.16	15.0	0.0
Channel				649000	656000	663000	Tune-up MPR	
Frequency (MHz)				3735	3840	3945	limit (dB)	
70	QPSK	1	1	13.09	13.19	13.20	15.0	0.0
Channel				648668	656000	663334	Tune-up MPR	
Frequency (MHz)				3730.02	3840	3950.01	limit (dB)	
60	QPSK	1	1	13.15	13.22	13.11	15.0	0.0
Channel				648334	656000	663668	Tune-up MPR	
Frequency (MHz)				3725.01	3840	3955.02	limit (dB)	
50	QPSK	1	1	13.13	13.13	13.17	15.0	0.0
Channel				648000	656000	664000	Tune-up MPR	
Frequency (MHz)				3720	3840	3960	limit (dB)	
40	QPSK	1	1	13.05	13.12	13.17	15.0	0.0
Channel				647668	656000	664334	Tune-up MPR	
Frequency (MHz)				3715.02	3840	3965.01	limit (dB)	
30	QPSK	1	1	13.08	13.19	13.12	15.0	0.0
Channel				647500	656000	664500	Tune-up MPR	
Frequency (MHz)				3712.5	3840	3967.5	limit (dB)	
25	QPSK	1	1	13.07	13.17	13.12	15.0	0.0
Channel				647334	656000	664668	Tune-up MPR	
Frequency (MHz)				3710.01	3840	3970.02	limit (dB)	
20	QPSK	1	1	13.03	13.11	13.22	15.0	0.0
Channel				647168	656000	664834	Tune-up MPR	
Frequency (MHz)				3707.52	3840	3972.51	limit (dB)	
15	QPSK	1	1	13.12	13.22	13.22	15.0	0.0
Channel				647000	656000	665000	Tune-up MPR	
Frequency (MHz)				3705	3840	3975	limit (dB)	
10	QPSK	1	1	13.12	13.16	13.14	15.0	0.0

Part27O n77 PC2 Ant7 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	16.14	16.24	16.25		
100	1/2 BPSK	1	137	16.23	16.32	16.21	18.0	0.0
100	1/2 BPSK	1	271	16.14	16.12	16.05		
100	1/2 BPSK	135	0	16.27	16.27	16.25	18.0	0.0
100	1/2 BPSK	135	69	16.11	16.24	16.23	18.0	0.0
100	1/2 BPSK	135	138	16.19	16.31	16.21		
100	1/2 BPSK	270	0	16.17	16.25	16.13	18.0	0.0
100	QPSK	1	1	16.34	16.40	16.22		
100	QPSK	1	137	16.20	16.30	16.19	18.0	0.0
100	QPSK	1	271	16.05	16.05	16.05		
100	QPSK	135	0	16.25	16.27	16.27	18.0	0.0
100	QPSK	135	69	16.07	16.37	16.20	18.0	0.0
100	QPSK	135	138	16.17	16.27	16.14		
100	QPSK	270	0	16.25	16.26	16.21	18.0	0.0
100	16QAM	1	1	16.04	16.25	16.16	18.0	0.0
100	64QAM	1	1	16.05	16.13	16.23	18.0	0.0
100	256QAM	1	1	16.14	16.16	16.03	18.0	0.0
Channel				649668	656000	662334	Tune-up MPR	
Frequency (MHz)				3745.02	3840	3935.01	limit (dB)	
90	QPSK	1	1	16.10	16.32	16.18	18.0	0.0
Channel				649334	656000	662668	Tune-up MPR	
Frequency (MHz)				3740.01	3840	3940.02	limit (dB)	
80	QPSK	1	1	16.13	16.32	16.22	18.0	0.0
Channel				649000	656000	663000	Tune-up MPR	
Frequency (MHz)				3735	3840	3945	limit (dB)	
70	QPSK	1	1	16.05	16.25	16.15	18.0	0.0
Channel				648668	656000	663334	Tune-up MPR	
Frequency (MHz)				3730.02	3840	3950.01	limit (dB)	
60	QPSK	1	1	16.07	16.30	16.19	18.0	0.0
Channel				648334	656000	663668	Tune-up MPR	
Frequency (MHz)				3725.01	3840	3955.02	limit (dB)	
50	QPSK	1	1	16.05	16.27	16.17	18.0	0.0
Channel				648000	656000	664000	Tune-up MPR	
Frequency (MHz)				3720	3840	3960	limit (dB)	
40	QPSK	1	1	16.15	16.23	16.18	18.0	0.0
Channel				647668	656000	664334	Tune-up MPR	
Frequency (MHz)				3715.02	3840	3965.01	limit (dB)	
30	QPSK	1	1	16.03	16.24	16.22	18.0	0.0
Channel				647500	656000	664500	Tune-up MPR	
Frequency (MHz)				3712.5	3840	3967.5	limit (dB)	
25	QPSK	1	1	16.10	16.30	16.10	18.0	0.0
Channel				647334	656000	664668	Tune-up MPR	
Frequency (MHz)				3710.01	3840	3970.02	limit (dB)	
20	QPSK	1	1	16.11	16.28	16.19	18.0	0.0
Channel				647168	656000	664834	Tune-up MPR	
Frequency (MHz)				3707.52	3840	3972.51	limit (dB)	
15	QPSK	1	1	16.14	16.31	16.10	18.0	0.0
Channel				647000	656000	665000	Tune-up MPR	
Frequency (MHz)				3705	3840	3975	limit (dB)	
10	QPSK	1	1	16.09	16.25	16.11	18.0	0.0

Part27Q n77 Ant7 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		13.71			
100	1/2 BPSK	1	137		13.57		15.0	0.0
100	1/2 BPSK	1	271		13.53			
100	1/2 BPSK	135	0		13.48		15.0	0.0
100	1/2 BPSK	135	69		13.66		15.0	0.0
100	1/2 BPSK	135	138		13.64		15.0	0.0
100	1/2 BPSK	270	0		13.54			
100	QPSK	1	1		13.87			
100	QPSK	1	137		13.75		15.0	0.0
100	QPSK	1	271		13.27			
100	QPSK	135	0		13.62		15.0	0.0
100	QPSK	135	69		13.74		15.0	0.0
100	QPSK	135	138		13.59		15.0	0.0
100	QPSK	270	0		13.73		15.0	0.0
100	16QAM	1	1		13.55		15.0	0.0
100	64QAM	1	1		13.63		15.0	0.0
100	256QAM	1	1		13.45		15.0	0.0
Channel				633000	633334	633668	Tune-up MPR	
Frequency (MHz)				3495	3500.01	3505.02	limit (dB)	
90	QPSK	1	1	13.73	13.65	13.71	15.0	0.0
Channel				632668	633334	634000	Tune-up MPR	
Frequency (MHz)				3490.02	3500.01	3510	limit (dB)	
80	QPSK	1	1	13.66	13.69	13.73	15.0	0.0
Channel				632334	633334	634334	Tune-up MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit (dB)	
70	QPSK	1	1	13.69	13.64	13.70	15.0	0.0
Channel				632000	633334	634668	Tune-up MPR	
Frequency (MHz)				3480	3500.01	3520.02	limit (dB)	
60	QPSK	1	1	13.74	13.64	13.73	15.0	0.0
Channel				631668	633334	635000	Tune-up MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit (dB)	
50	QPSK	1	1	13.74	13.59	13.71	15.0	0.0
Channel				631334	633334	635334	Tune-up MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit (dB)	
40	QPSK	1	1	13.73	13.66	13.66	15.0	0.0
Channel				631000	633334	635668	Tune-up MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit (dB)	
30	QPSK	1	1	13.71	13.63	13.73	15.0	0.0
Channel				630834	633334	635834	Tune-up MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	limit (dB)	
25	QPSK	1	1	13.67	13.64	13.69	15.0	0.0
Channel				630598	633334	636000	Tune-up MPR	
Frequency (MHz)				3460.02	3500.01	3540	limit (dB)	
20	QPSK	1	1	13.70	13.60	13.66	15.0	0.0
Channel				630500	633334	636168	Tune-up MPR	
Frequency (MHz)				3457.50	3500.01	3542.52	limit (dB)	
15	QPSK	1	1	13.69	13.59	13.70	15.0	0.0
Channel				630334	633334	636334	Tune-up MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit (dB)	
10	QPSK	1	1	13.69	13.61	13.73	15.0	0.0

Part27Q n77 PC2 Ant7 DSI1 Main PA for END C

BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	16.55				
100	1/2 BPSK	1	137	16.69			18.0	0.0
100	1/2 BPSK	1	271	16.45				
100	1/2 BPSK	135	0	16.64			18.0	0.0
100	1/2 BPSK	135	69	16.69			18.0	0.0
100	1/2 BPSK	135	138	16.69			18.0	0.0
100	1/2 BPSK	270	0	16.67				
100	QPSK	1	1	16.75				
100	QPSK	1	137	16.65			18.0	0.0
100	QPSK	1	271	16.30				
100	QPSK	135	0	16.60			18.0	0.0
100	QPSK	135	69	16.64			18.0	0.0
100	QPSK	135	138	16.58			18.0	0.0
100	QPSK	270	0	16.69			18.0	0.0
100	16QAM	1	1	16.65			18.0	0.0
100	64QAM	1	1	16.49			18.0	0.0
100	256QAM	1	1	16.11			18.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	16.74	16.57	16.70	18.0	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3493.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	16.64	16.60	16.71	18.0	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	16.71	16.66	16.68	18.0	0.0
Channel				632000	633334	634008	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	16.68	16.62	16.71	18.0	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3476.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	16.67	16.68	16.72	18.0	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	16.72	16.58	16.73	18.0	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3536.02	limit	(dB)
30	QPSK	1	1	16.69	16.68	16.68	18.0	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	16.72	16.67	16.74	18.0	0.0
Channel				630568	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	16.73	16.68	16.65	18.0	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	16.65	16.63	16.67	18.0	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	16.71	16.67	16.70	18.0	0.0

Part27O n78 Ant7 DSI1 Main PA for END C

BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750				
100	1/2 BPSK	1	1	13.30				
100	1/2 BPSK	1	137	13.37			15.0	0.0
100	1/2 BPSK	1	271	13.16				
100	1/2 BPSK	135	0	13.30			15.0	0.0
100	1/2 BPSK	135	69	13.28			15.0	0.0
100	1/2 BPSK	135	138	13.31			15.0	0.0
100	1/2 BPSK	270	0	13.35				
100	QPSK	1	1	13.39				
100	QPSK	1	137	13.27			15.0	0.0
100	QPSK	1	271	13.02				
100	QPSK	135	0	13.26			15.0	0.0
100	QPSK	135	69	13.37			15.0	0.0
100	QPSK	135	138	13.24			15.0	0.0
100	QPSK	270	0	13.28			15.0	0.0
100	16QAM	1	1	13.18			15.0	0.0
100	64QAM	1	1	13.16			15.0	0.0
100	256QAM	1	1	13.32			15.0	0.0
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	13.23	13.34	13.19	15.0	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	13.22	13.28	13.22	15.0	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	13.20	13.37	13.18	15.0	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	13.11	13.35	13.17	15.0	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	13.10	13.35	13.24	15.0	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	13.16	13.35	13.20	15.0	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	13.21	13.35	13.23	15.0	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	13.13	13.36	13.23	15.0	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	13.14	13.30	13.26	15.0	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	13.11	13.33	13.22	15.0	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	13.22	13.32	13.18	15.0	0.0

Part27O n78 PC2 Ant7 DSI1 Main PA for END C

BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750				
100	1/2 BPSK	1	1	16.31				
100	1/2 BPSK	1	137	16.22			18.0	0.0
100	1/2 BPSK	1	271	16.08				
100	1/2 BPSK	135	0	16.50			18.0	0.0
100	1/2 BPSK	135	69	16.35			18.0	0.0
100	1/2 BPSK	135	138	16.21			18.0	0.0
100	1/2 BPSK	270	0	16.34				
100	QPSK	1	1	16.63				
100	QPSK	1	137	16.50			18.0	0.0
100	QPSK	1	271	16.50				
100	QPSK	135	0	16.36			18.0	0.0
100	QPSK	135	69	16.49			18.0	0.0
100	QPSK	135	138	16.40			18.0	0.0
100	QPSK	270	0	16.32			18.0	0.0
100	16QAM	1	1	16.26			18.0	0.0
100	64QAM	1	1	16.26			18.0	0.0
100	256QAM	1	1	16.26			18.0	0.0
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	16.26	16.12	16.06	18.0	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	16.26	16.17	16.11	18.0	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	16.30	16.10	16.07	18.0	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	16.26	16.14	16.12	18.0	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	16.33	16.16	16.10	18.0	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	16.32	16.18	16.16	18.0	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	16.25	16.12	16.14	18.0	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	16.29	16.13	16.08	18.0	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	16.26	16.11	16.06	18.0	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	16.26	16.10	16.06	18.0	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	16.35	16.15	16.08	18.0	0.0

Part27Q n78 Ant7 DSI1 Main PA for ENDC

BW [MHz]	Modulati on	RB Size	RB Offset	Power 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		13.68			
100	1/2 BPSK	1	137		13.83		15.0	0.0
100	1/2 BPSK	1	271		13.68			
100	1/2 BPSK	135	0		13.70		15.0	0.0
100	1/2 BPSK	135	69		13.62		15.0	0.0
100	1/2 BPSK	135	138		13.81		15.0	0.0
100	1/2 BPSK	270	0		13.53		15.0	0.0
100	QPSK	1	1		13.69			
100	QPSK	1	137		13.70		15.0	0.0
100	QPSK	1	271		13.49			
100	QPSK	135	0		13.83		15.0	0.0
100	QPSK	135	69		13.86		15.0	0.0
100	QPSK	135	138		13.82		15.0	0.0
100	QPSK	270	0		13.71		15.0	0.0
100	16QAM	1	1		13.77		15.0	0.0
100	64QAM	1	1		13.60		15.0	0.0
100	256QAM	1	1		13.62		15.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		13.75	13.74	13.64	15.0 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		13.73	13.77	13.73	15.0 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		13.67	13.70	13.67	15.0 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		13.66	13.78	13.71	15.0 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		13.85	13.71	13.68	15.0 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		13.73	13.77	13.74	15.0 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		13.85	13.76	13.74	15.0 0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		13.65	13.78	13.69	15.0 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		13.74	13.69	13.74	15.0 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		13.85	13.72	13.75	15.0 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		13.67	13.73	13.65	15.0 0.0

Part27Q n78 PC2 Ant7 DSI1 Main PA for ENDC

BW [MHz]	Modulati on	RB Size	RB Offset	Power 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		16.63			
100	1/2 BPSK	1	137		16.71		18.0	0.0
100	1/2 BPSK	1	271		16.45			
100	1/2 BPSK	135	0		16.80		18.0	0.0
100	1/2 BPSK	135	69		16.68		18.0	0.0
100	1/2 BPSK	135	138		16.75		18.0	0.0
100	1/2 BPSK	270	0		16.70		18.0	0.0
100	QPSK	1	1		16.67			
100	QPSK	1	137		16.47		18.0	0.0
100	QPSK	1	271		16.54			
100	QPSK	135	0		16.85		18.0	0.0
100	QPSK	135	69		16.66		18.0	0.0
100	QPSK	135	138		16.55		18.0	0.0
100	QPSK	270	0		16.78		18.0	0.0
100	16QAM	1	1		16.59		18.0	0.0
100	64QAM	1	1		16.56		18.0	0.0
100	256QAM	1	1		16.79		18.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		16.73	16.71	16.78	18.0 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		16.73	16.68	16.83	18.0 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		16.73	16.75	16.80	18.0 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		16.73	16.70	16.75	18.0 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		16.72	16.77	16.85	18.0 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		16.73	16.69	16.73	18.0 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		16.71	16.70	16.74	18.0 0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		16.76	16.66	16.75	18.0 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		16.72	16.72	16.78	18.0 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		16.72	16.72	16.77	18.0 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		16.74	16.76	16.77	18.0 0.0

Part27O n77 Ant8 DSI1 Main PA for ENDC

BW [MHz]	Modulati on	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	15.51	15.51	15.34		
100	1/2 BPSK	1	137	15.43	15.56	15.39	16.5	0.0
100	1/2 BPSK	1	271	15.50	15.51	15.52		
100	1/2 BPSK	135	0	15.46	15.52	15.42	16.5	0.0
100	1/2 BPSK	135	69	15.46	15.50	15.52	16.5	0.0
100	1/2 BPSK	135	138	15.36	15.54	15.51	16.5	0.0
100	1/2 BPSK	270	0	15.43	15.53	15.54		
100	QPSK	1	1	15.52	15.57	15.54		
100	QPSK	1	137	15.38	15.49	15.33	16.5	0.0
100	QPSK	1	271	15.46	15.52	15.38		
100	QPSK	135	0	15.36	15.53	15.44	16.5	0.0
100	QPSK	135	69	15.49	15.55	15.50	16.5	0.0
100	QPSK	135	138	15.46	15.49	15.38		
100	QPSK	270	0	15.39	15.53	15.36	16.5	0.0
100	16QAM	1	1	15.29	15.42	15.39	16.5	0.0
100	64QAM	1	1	15.42	15.56	15.40	16.5	0.0
100	256QAM	1	1	15.50	15.55	15.51	16.5	0.0
Channel				649668	656000	662334	Tune-up MPR	
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	15.38	15.50	15.51	16.5	0.0
Channel				649334	656000	662668	Tune-up MPR	
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	15.44	15.53	15.50	16.5	0.0
Channel				649000	656000	663000	Tune-up MPR	
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	15.40	15.56	15.45	16.5	0.0
Channel				648668	656000	663334	Tune-up MPR	
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	15.37	15.52	15.47	16.5	0.0
Channel				648334	656000	663668	Tune-up MPR	
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	15.38	15.56	15.50	16.5	0.0
Channel				648000	656000	664000	Tune-up MPR	
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	15.46	15.49	15.42	16.5	0.0
Channel				647668	656000	664334	Tune-up MPR	
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	15.38	15.52	15.41	16.5	0.0
Channel				647500	656000	664500	Tune-up MPR	
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	15.47	15.51	15.44	16.5	0.0
Channel				647334	656000	664668	Tune-up MPR	
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	15.40	15.56	15.41	16.5	0.0
Channel				647168	656000	664834	Tune-up MPR	
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	15.39	15.50	15.49	16.5	0.0
Channel				647000	656000	665000	Tune-up MPR	
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	15.39	15.55	15.42	16.5	0.0

Part27O n77 PC2 Ant8 DSI1 Main PA for ENDC

BW [MHz]	Modulati on	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	18.41	18.58	18.54		
100	1/2 BPSK	1	137	18.50	18.51	18.57	19.5	0.0
100	1/2 BPSK	1	271	18.30	18.54	18.33		
100	1/2 BPSK	135	0	18.43	18.48	18.44	19.5	0.0
100	1/2 BPSK	135	69	18.48	18.52	18.57	19.5	0.0
100	1/2 BPSK	135	138	18.38	18.47	18.29	19.5	0.0
100	1/2 BPSK	270	0	18.44	18.49	18.53		
100	QPSK	1	1	18.53	18.62	18.49		
100	QPSK	1	137	18.42	18.47	18.46	19.5	0.0
100	QPSK	1	271	18.43	18.42	18.35		
100	QPSK	135	0	18.49	18.50	18.49	19.5	0.0
100	QPSK	135	69	18.39	18.54	18.43	19.5	0.0
100	QPSK	135	138	18.43	18.51	18.46		
100	QPSK	270	0	18.46	18.49	18.47	19.5	0.0
100	16QAM	1	1	18.48	18.47	18.39	19.5	0.0
100	64QAM	1	1	18.50	18.58	18.52	19.5	0.0
100	256QAM	1	1	18.00	18.05	17.91	19.0	0.5
Channel				649668	656000	662334	Tune-up MPR	
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	18.39	18.55	18.47	19.5	0.0
Channel				649334	656000	662668	Tune-up MPR	
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	18.45	18.58	18.50	19.5	0.0
Channel				649000	656000	663000	Tune-up MPR	
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	18.45	18.56	18.42	19.5	0.0
Channel				648668	656000	663334	Tune-up MPR	
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	18.35	18.52	18.45	19.5	0.0
Channel				648334	656000	663668	Tune-up MPR	
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	18.44	18.52	18.51	19.5	0.0
Channel				648000	656000	664000	Tune-up MPR	
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	18.45	18.56	18.45	19.5	0.0
Channel				647668	656000	664334	Tune-up MPR	
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	18.35	18.57	18.40	19.5	0.0
Channel				647500	656000	664500	Tune-up MPR	
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	18.36	18.61	18.44	19.5	0.0
Channel				647334	656000	664668	Tune-up MPR	
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	18.40	18.59	18.47	19.5	0.0
Channel				647168	656000	664834	Tune-up MPR	
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	18.39	18.58	18.51	19.5	0.0
Channel				647000	656000	665000	Tune-up MPR	
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	18.44	18.57	18.45	19.5	0.0

Part27Q n77 Ant8 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668		
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	15.08				
100	1/2 BPSK	1	137	15.06			16.5	0.0
100	1/2 BPSK	1	271	15.02				
100	1/2 BPSK	135	0	14.96			16.5	0.0
100	1/2 BPSK	135	69	15.03			16.5	0.0
100	1/2 BPSK	135	138	15.02			16.5	0.0
100	1/2 BPSK	270	0	15.06				
100	QPSK	1	1	15.17				
100	QPSK	1	137	14.88			16.5	0.0
100	QPSK	1	271	14.97				
100	QPSK	135	0	14.95			16.5	0.0
100	QPSK	135	69	15.15			16.5	0.0
100	QPSK	135	138	15.05			16.5	0.0
100	QPSK	270	0	15.11				
100	16QAM	1	1	14.94			16.5	0.0
100	64QAM	1	1	14.97			16.5	0.0
100	256QAM	1	1	14.86			16.5	0.0
Channel				633000	633334	633668	Tune-up MPR	
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	14.93	14.79	14.92	16.5	0.0
Channel				632668	633334	634000	Tune-up MPR	
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	14.95	14.80	14.97	16.5	0.0
Channel				632334	633334	634334	Tune-up MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	14.93	14.83	14.96	16.5	0.0
Channel				632000	633334	634668	Tune-up MPR	
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	14.93	14.86	14.94	16.5	0.0
Channel				631668	633334	635000	Tune-up MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	14.95	14.80	15.02	16.5	0.0
Channel				631334	633334	635334	Tune-up MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	14.97	14.79	14.93	16.5	0.0
Channel				631000	633334	635668	Tune-up MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	14.98	14.86	14.96	16.5	0.0
Channel				630668	633334	636000	Tune-up MPR	
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	14.88	14.84	14.98	16.5	0.0
Channel				630500	633334	636168	Tune-up MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	14.97	14.80	15.01	16.5	0.0
Channel				630334	633334	636334	Tune-up MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	14.92	14.85	14.92	16.5	0.0

Part27Q n77 PC2 Ant8 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334 3500.01				
Frequency (MHz)				18.03				
100	1/2 BPSK	1	1				19.5	0.0
100	1/2 BPSK	1	137		17.99			
100	1/2 BPSK	1	271		18.03			
100	1/2 BPSK	135	0		18.00		19.5	0.0
100	1/2 BPSK	135	69		17.99		19.5	0.0
100	1/2 BPSK	135	138		17.96		19.5	0.0
100	1/2 BPSK	270	0		18.05			
100	QPSK	1	1		18.11			
100	QPSK	1	137		17.99		19.5	0.0
100	QPSK	1	271		17.99			
100	QPSK	135	0		17.97		19.5	0.0
100	QPSK	135	69		18.07		19.5	0.0
100	QPSK	135	138		18.01		19.5	0.0
100	QPSK	270	0		17.94			
100	16QAM	1	1		17.93		19.5	0.0
100	64QAM	1	1		18.03		19.5	0.0
100	256QAM	1	1		17.51		19.0	0.5
Channel				633000	633334	633668	Tune-up limit (dB)	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		17.98	17.90	17.98	19.5 0.0
Channel				632668	633334	634000	Tune-up MPR	
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		17.96	17.95	17.97	19.5 0.0
Channel				632334	633334	634334	Tune-up MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		17.85	17.95	17.95	19.5 0.0
Channel				632000	633334	634668	Tune-up MPR	
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		17.94	17.95	17.94	19.5 0.0
Channel				631668	633334	635000	Tune-up MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		17.95	17.98	18.02	19.5 0.0
Channel				631334	633334	635334	Tune-up MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		17.99	17.98	18.01	19.5 0.0
Channel				631000	633334	635668	Tune-up MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		17.93	17.88	17.96	19.5 0.0
Channel				630834	633334	635834	Tune-up MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		17.94	17.97	18.01	19.5 0.0
Channel				630668	633334	636000	Tune-up MPR	
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		17.94	17.98	17.92	19.5 0.0
Channel				630500	633334	636168	Tune-up MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		17.85	17.92	17.99	19.5 0.0
Channel				630334	633334	636334	Tune-up MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		17.90	17.94	17.92	19.5 0.0

Part27O n78 Ant8 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	1/2 BPSK	1	1		15.20		16.5	0.0
100	1/2 BPSK	1	137		15.07			
100	1/2 BPSK	1	271		15.22			
100	1/2 BPSK	135	0		15.06		16.5	0.0
100	1/2 BPSK	135	69		15.23		16.5	0.0
100	1/2 BPSK	135	138		15.00		16.5	0.0
100	1/2 BPSK	270	0		15.13			
100	QPSK	1	1		15.25			
100	QPSK	1	137		15.12		16.5	0.0
100	QPSK	1	271		15.13			
100	QPSK	135	0		15.15		16.5	0.0
100	QPSK	135	69		15.20		16.5	0.0
100	QPSK	135	138		15.12		16.5	0.0
100	QPSK	270	0		15.23			
100	16QAM	1	1		15.12		16.5	0.0
100	64QAM	1	1		15.18		16.5	0.0
100	256QAM	1	1		15.15		16.5	0.0
Channel				649668	650000	650334	Tune-up MPR	
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1		15.15	15.15	15.16	16.5 0.0
Channel				649334	650000	650668	Tune-up MPR	
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1		15.13	15.23	15.21	16.5 0.0
Channel				649000	650000	651000	Tune-up MPR	
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1		15.21	15.24	15.17	16.5 0.0
Channel				648668	650000	651334	Tune-up MPR	
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1		15.14	15.24	15.11	16.5 0.0
Channel				648334	650000	651668	Tune-up MPR	
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1		15.20	15.23	15.19	16.5 0.0
Channel				648000	650000	652000	Tune-up MPR	
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1		15.21	15.23	15.22	16.5 0.0
Channel				647668	650000	652334	Tune-up MPR	
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1		15.13	15.24	15.13	16.5 0.0
Channel				647500	650000	652500	Tune-up MPR	
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1		15.13	15.17	15.18	16.5 0.0
Channel				647334	650000	652668	Tune-up MPR	
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1		15.18	15.15	15.16	16.5 0.0
Channel				647168	650000	652834	Tune-up MPR	
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1		15.15	15.19	15.16	16.5 0.0
Channel				647000	650000	653000	Tune-up MPR	
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1		15.20	15.19	15.20	16.5 0.0

Part27O n78 PC2 Ant8 DSI1 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power		Power		Power		Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	High Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.				
Channel				650000							
Frequency (MHz)				3750							
100	1/2 BPSK	1	1			18.20					
100	1/2 BPSK	1	137			18.10			19.5	0.0	
100	1/2 BPSK	1	271			18.20					
100	1/2 BPSK	135	0			18.26			19.5	0.0	
100	1/2 BPSK	135	69			18.14			19.5	0.0	
100	1/2 BPSK	135	138			18.19			19.5	0.0	
100	1/2 BPSK	270	0			18.20					
100	QPSK	1	1			18.33					
100	QPSK	1	137			18.29			19.5	0.0	
100	QPSK	1	271			18.16					
100	QPSK	135	0			18.24			19.5	0.0	
100	QPSK	135	69			18.32			19.5	0.0	
100	QPSK	135	138			18.25			19.5	0.0	
100	QPSK	270	0			18.21			19.5	0.0	
100	16QAM	1	1			18.24			19.5	0.0	
100	64QAM	1	1			18.20			19.5	0.0	
100	256QAM	1	1			17.67			19.0	0.5	
Channel				649668	650000		650334	Tune-up MPR			
Frequency (MHz)				3745.02	3750		3755.01	limit		(dB)	
90	QPSK	1	1		18.20	18.13	18.13	19.5	0.0		
Channel				649334	650000		650668	Tune-up MPR			
Frequency (MHz)				3740.01	3750		3760.02	limit		(dB)	
80	QPSK	1	1		18.30	18.26	18.14	19.5	0.0		
Channel				649000	650000		651000	Tune-up MPR			
Frequency (MHz)				3735	3750		3765	limit		(dB)	
70	QPSK	1	1		18.30	18.17	18.15	19.5	0.0		
Channel				648668	650000		651334	Tune-up MPR			
Frequency (MHz)				3730.02	3750		3770.01	limit		(dB)	
60	QPSK	1	1		18.30	18.16	18.19	19.5	0.0		
Channel				648334	650000		651668	Tune-up MPR			
Frequency (MHz)				3725.01	3750		3775.02	limit		(dB)	
50	QPSK	1	1		18.30	18.25	18.14	19.5	0.0		
Channel				648000	650000		652000	Tune-up MPR			
Frequency (MHz)				3720	3750		3780	limit		(dB)	
40	QPSK	1	1		18.29	18.22	18.18	19.5	0.0		
Channel				647668	650000		652334	Tune-up MPR			
Frequency (MHz)				3715.02	3750		3785.01	limit		(dB)	
30	QPSK	1	1		18.23	18.23	18.14	19.5	0.0		
Channel				647500	650000		652500	Tune-up MPR			
Frequency (MHz)				3712.5	3750		3787.5	limit		(dB)	
25	QPSK	1	1		18.22	18.18	18.14	19.5	0.0		
Channel				647334	650000		652668	Tune-up MPR			
Frequency (MHz)				3710.01	3750		3790.02	limit		(dB)	
20	QPSK	1	1		18.29	18.23	18.20	19.5	0.0		
Channel				647168	650000		652834	Tune-up MPR			
Frequency (MHz)				3707.52	3750		3792.51	limit		(dB)	
15	QPSK	1	1		18.28	18.26	18.21	19.5	0.0		
Channel				647000	650000		653000	Tune-up MPR			
Frequency (MHz)				3705	3750		3795	limit		(dB)	
10	QPSK	1	1		18.22	18.25	18.19	19.5	0.0		

Part27Q n78 Ant8 DSI1 Main PA for ENDC

BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334		3500.01		
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1		15.00			
100	1/2 BPSK	1	137		14.97			
100	1/2 BPSK	1	271		15.01		16.5	0.0
100	1/2 BPSK	135	0		15.05		16.5	0.0
100	1/2 BPSK	135	69		14.96		16.5	0.0
100	1/2 BPSK	135	138		15.02		16.5	0.0
100	1/2 BPSK	270	0		14.93			
100	QPSK	1	1		15.07			
100	QPSK	1	137		14.96		16.5	0.0
100	QPSK	1	271		15.03			
100	QPSK	135	0		14.96		16.5	0.0
100	QPSK	135	69		15.02		16.5	0.0
100	QPSK	135	138		14.99			
100	QPSK	270	0		14.90		16.5	0.0
100	16QAM	1	1		14.93		16.5	0.0
100	64QAM	1	1		14.89		16.5	0.0
100	256QAM	1	1		14.67		16.5	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		14.94	14.99	14.97	16.5 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		14.96	14.96	14.95	16.5 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		14.94	14.94	14.95	16.5 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		14.90	15.02	14.96	16.5 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		14.94	14.97	15.01	16.5 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		14.90	14.97	14.97	16.5 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		14.98	15.00	14.99	16.5 0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		14.90	15.01	14.96	16.5 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		14.90	14.94	15.04	16.5 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		14.97	14.99	14.98	16.5 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		14.96	14.92	15.01	16.5 0.0

Part27Q n78 PC2 Ant8 DSI1 Main PA for ENDC

BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334		3500.01		
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1		17.96			
100	1/2 BPSK	1	137		17.94		19.5	0.0
100	1/2 BPSK	1	271		18.00			
100	1/2 BPSK	135	0		18.00		19.5	0.0
100	1/2 BPSK	135	69		17.78		19.5	0.0
100	1/2 BPSK	135	138		17.98		19.5	0.0
100	1/2 BPSK	270	0		18.03			
100	QPSK	1	1		18.07			
100	QPSK	1	137		18.01		19.5	0.0
100	QPSK	1	271		18.04			
100	QPSK	135	0		17.99		19.5	0.0
100	QPSK	135	69		18.06		19.5	0.0
100	QPSK	135	138		17.97		19.5	0.0
100	QPSK	270	0		17.94			
100	16QAM	1	1		18.02		19.5	0.0
100	64QAM	1	1		18.00		19.5	0.0
100	256QAM	1	1		17.51		19.0	0.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		17.91	17.85	17.96	19.5 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		17.92	17.87	17.94	19.5 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		17.98	17.90	17.94	19.5 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		17.94	17.84	17.93	19.5 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		17.95	17.91	17.89	19.5 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		17.93	17.82	17.89	19.5 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		17.95	17.83	17.88	19.5 0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		17.91	17.86	17.88	19.5 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		17.87	17.81	17.95	19.5 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		17.87	17.81	17.92	19.5 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		17.94	17.88	17.94	19.5 0.0

Reduced Power SA Mode for DSI3

n5 Ant0 DSI3 Main PA									
BW (MHz)	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	1/2 BPSK	1	1	24.39	24.42	24.37			
20	1/2 BPSK	1	53	24.25	24.28	24.13	25.5	0.0	
20	1/2 BPSK	1	104	24.02	24.19	24.03			
20	1/2 BPSK	50	0	23.67	23.77	23.66	25.0	0.5	
20	1/2 BPSK	50	28	23.98	24.14	23.97	25.5	0.0	
20	1/2 BPSK	50	56	23.52	23.65	23.58	25.0	0.5	
20	1/2 BPSK	100	0	23.67	23.83	23.68			
20	QPSK	1	1	24.43	24.45	24.41			
20	QPSK	1	53	24.30	24.33	24.29	25.5	0.0	
20	QPSK	1	104	24.15	24.27	24.14			
20	QPSK	50	0	23.10	23.22	23.06	24.5	1.0	
20	QPSK	50	28	24.26	24.37	24.25	25.5	0.0	
20	QPSK	50	56	23.07	23.14	22.99	24.5	1.0	
20	QPSK	100	0	23.37	23.39	23.23			
20	16QAM	1	1	23.30	23.36	23.30	24.5	1.0	
20	64QAM	1	1	21.76	21.87	21.78	23.0	2.5	
20	256QAM	1	1	19.58	19.75	19.66	21.0	4.5	
Channel				166300	167300	168300	Tune-up	MPR	
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)	
15	QPSK	1	1	24.33	24.39	24.23	25.5	0.0	
Channel				165800	167300	168800	Tune-up	MPR	
Frequency (MHz)				829	836.5	844	limit	(dB)	
10	QPSK	1	1	24.30	24.29	24.24	25.5	0.0	
Channel				165300	167300	169300	Tune-up	MPR	
Frequency (MHz)				826.5	836.5	846.5	limit	(dB)	
5	QPSK	1	1	24.31	24.28	24.34	25.5	0.0	

n2 Ant2 DSI3 Main PA

BW [MHz]	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	1/2 BPSK	1	1	22.88	22.69	22.74		
40	1/2 BPSK	1	108	22.56	22.81	22.50	24.0	0.0
40	1/2 BPSK	1	214	22.84	22.80	22.50		
40	1/2 BPSK	108	0	22.52	22.59	22.49	24.0	0.0
40	1/2 BPSK	108	54	22.67	22.81	22.67	24.0	0.0
40	1/2 BPSK	108	108	22.77	22.84	22.70	24.0	0.0
40	1/2 BPSK	216	0	22.20	22.27	22.16		
40	QPSK	1	1	22.86	23.01	22.94		
40	QPSK	1	108	22.57	22.64	22.51	24.0	0.0
40	QPSK	1	214	22.80	22.86	22.80		
40	QPSK	108	0	22.70	22.71	22.53	24.0	0.0
40	QPSK	108	54	22.68	22.91	22.79	24.0	0.0
40	QPSK	108	108	22.81	22.73	22.50	24.0	0.0
40	QPSK	216	0	22.68	22.86	22.68		
40	16QAM	1	1	22.48	22.59	22.40	24.0	0.0
40	64QAM	1	1	21.48	21.63	21.55	23.0	1.0
40	256QAM	1	1	19.64	19.71	19.61	21.0	3.0
Channel				373500	376000	378500	Tune-up	MPR
Frequency (MHz)				1867.5	1880	1892.5	limit	(dB)
35	QPSK	1	1	22.71	22.83	22.93	0.0	0.0
Channel				373000	376000	379000	Tune-up	MPR
Frequency (MHz)				1865	1880	1895	limit	(dB)
30	QPSK	1	1	22.85	22.87	22.95	24.0	0.0
Channel				372500	376000	379500	Tune-up	MPR
Frequency (MHz)				1862.5	1880	1897.5	limit	(dB)
25	QPSK	1	1	22.80	22.88	22.92	0.0	0.0
Channel				372000	376000	380000	Tune-up	MPR
Frequency (MHz)				1860	1880	1900	limit	(dB)
20	QPSK	1	1	22.84	23.00	22.95	0.0	0.0
Channel				371500	376000	380500	Tune-up	MPR
Frequency (MHz)				1857.5	1880	1902.5	limit	(dB)
15	QPSK	1	1	22.77	22.88	22.82	24.0	0.0
Channel				371000	376000	381000	Tune-up	MPR
Frequency (MHz)				1855	1880	1905	limit	(dB)
10	QPSK	1	1	22.81	22.90	22.84	24.0	0.0
Channel				370500	376000	381500	Tune-up	MPR
Frequency (MHz)				1852.5	1880	1907.5	limit	(dB)
5	QPSK	1	1	22.78	22.85	22.97	24.0	0.0

n7 Ant2 DSI3 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	20.78	20.94	20.55		
40	1/2 BPSK	1	108	20.46	20.74	20.59	22.0	0.0
40	1/2 BPSK	1	214	20.73	20.98	20.72		
40	1/2 BPSK	108	0	20.63	20.76	20.47	22.0	0.0
40	1/2 BPSK	108	54	20.63	20.78	20.52	22.0	0.0
40	1/2 BPSK	108	108	20.71	20.82	20.59	22.0	0.0
40	1/2 BPSK	216	0	20.29	20.36	20.22		
40	QPSK	1	1	20.86	21.02	20.90		
40	QPSK	1	108	20.45	20.73	20.57	22.0	0.0
40	QPSK	1	214	20.86	20.93	20.76		
40	QPSK	108	0	20.56	20.77	20.48	22.0	0.0
40	QPSK	108	54	20.81	20.94	20.89	22.0	0.0
40	QPSK	108	108	20.61	20.59	20.59		
40	QPSK	216	0	20.74	20.83	20.64	22.0	0.0
40	16QAM	1	1	20.43	20.48	20.36	22.0	0.0
40	64QAM	1	1	20.27	20.53	20.28	22.0	0.0
40	256QAM	1	1	19.64	19.67	19.59	21.0	1.0
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	20.81	20.89	20.92	22.0	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	20.85	20.86	20.81	22.0	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	20.75	20.84	20.78	22.0	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	1/2 BPSK	1	1	20.79	20.82	20.79	22.0	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	20.70	20.85	20.92	22.0	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	20.78	20.95	20.96	22.0	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	20.80	20.80	20.94	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	22.95	23.09	22.94		
40	1/2 BPSK	1	108	22.74	22.92	22.96	24.0	0.0
40	1/2 BPSK	1	214	23.18	23.25	23.11		
40	1/2 BPSK	108	0	22.80	23.02	22.83	24.0	0.0
40	1/2 BPSK	108	54	22.99	22.87	22.84	24.0	0.0
40	1/2 BPSK	108	108	22.81	22.99	22.96	24.0	0.0
40	1/2 BPSK	216	0	22.52	22.60	22.45		
40	QPSK	1	1	23.12	23.31	23.22		
40	QPSK	1	108	22.87	23.03	22.85	24.0	0.0
40	QPSK	1	214	23.10	23.12	22.91		
40	QPSK	108	0	22.89	22.88	22.70	24.0	0.0
40	QPSK	108	54	23.00	23.12	22.96	24.0	0.0
40	QPSK	108	108	22.93	22.85	22.79		
40	QPSK	216	0	22.78	23.06	22.97	24.0	0.0
40	16QAM	1	1	22.75	22.88	22.58	24.0	0.0
40	64QAM	1	1	21.67	21.91	21.82	23.0	1.0
40	256QAM	1	1	19.92	19.93	19.82	21.0	3.0
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	23.04	23.11	23.20	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	23.09	23.13	23.20	24.0	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	23.07	23.19	23.19	24.0	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	23.06	23.26	23.22	24.0	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	23.21	23.27	23.14	24.0	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	23.19	23.16	23.10	24.0	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	23.08	23.16	23.22	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	20.85	21.07	20.77		
40	3/2 BPSK	1	53	20.58	20.67	20.54	22.0	0.0
40	3/2 BPSK	1	104	20.67	20.72	20.58		
40	3/2 BPSK	50	0	20.74	20.94	20.81	22.0	0.0
40	3/2 BPSK	50	28	20.88	20.85	20.60	22.0	0.0
40	3/2 BPSK	50	58	20.76	20.82	20.76		
40	3/2 BPSK	100	0	20.77	20.87	20.68	22.0	0.0
40	QPSK	1	1	21.07	21.08	20.87		
40	QPSK	1	53	20.65	20.82	20.80	22.0	0.0
40	QPSK	1	104	20.71	20.64	20.60		
40	QPSK	50	0	20.80	20.95	20.86	22.0	0.0
40	QPSK	50	28	20.68	20.97	20.96	22.0	0.0
40	QPSK	50	58	20.63	20.55	20.72	22.0	0.0
40	QPSK	100	0	20.73	20.92	20.72		
40	16QAM	1	1	20.82	20.85	20.72	22.0	0.0
40	64QAM	1	1	20.61	20.75	20.66	22.0	0.0
40	256QAM	1	1	19.77	19.78	19.56	21.0	1.0
Channel				517002	519000	520998	Tune-up limit (dB)	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.07	20.92	21.05	22.0	0.0
Channel				516004	519000	521496	Tune-up limit (dB)	MPR
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	21.02	21.00	20.94	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dB)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.90	20.92	20.91	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dB)	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.05	21.03	20.90	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dB)	MPR
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.03	21.03	21.02	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	20.88	21.15	20.67		
100	3/2 BPSK	1	137	20.53	20.79	20.50	22.0	0.0
100	3/2 BPSK	1	271	20.70	20.79	20.51		
100	3/2 BPSK	135	0	20.82	20.88	20.75	22.0	0.0
100	3/2 BPSK	135	69	20.88	20.86	20.60	22.0	0.0
100	3/2 BPSK	135	138	20.87	20.75	20.84		
100	3/2 BPSK	270	0	20.74	20.82	20.73	22.0	0.0
100	QPSK	1	1	21.09	21.17	20.80		
100	QPSK	1	137	20.59	20.74	20.81	22.0	0.0
100	QPSK	1	271	20.81	20.58	20.49		
100	QPSK	135	0	20.92	20.91	20.91	22.0	0.0
100	QPSK	135	69	20.57	21.03	21.01	22.0	0.0
100	QPSK	135	138	20.65	20.63	20.72	22.0	0.0
100	QPSK	270	0	20.69	20.83	20.74		
100	16QAM	1	1	20.81	20.92	20.75	22.0	0.0
100	64QAM	1	1	20.51	20.75	20.57	22.0	0.0
100	256QAM	1	1	19.85	19.81	19.69	21.0	1.0
Channel				508200	518598	528996	Tune-up limit (dB)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.13	21.09	20.90	22.0	0.0
Channel				507204	518598	529996	Tune-up limit (dB)	MPR
Frequency (MHz)				2636.02	2592.99	2649.99		
80	QPSK	1	1	21.06	21.00	20.98	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dB)	MPR
Frequency (MHz)				2531.01	2592.99	2635		
70	QPSK	1	1	21.12	21.12	20.79	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dB)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.95	21.06	20.76	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dB)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.11	20.96	20.95	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dB)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.09	21.16	20.81	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.13	21.12	20.77	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dB)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
25	QPSK	1	1	21.12	20.57	20.62	0.0	0.0
Channel				501204	518598	535998	Tune-up limit (dB)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.96	21.08	20.89	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.5	2592.99	2682.48		
15	QPSK	1	1	21.04	21.02	20.97	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dB)	MPR
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.11	21.03	20.96	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1670	1880	1890		
40	1/2 BPSK	1	1	20.13	20.00	20.09	21.5	0.0
40	1/2 BPSK	1	108	20.16	20.02	20.04		
40	1/2 BPSK	1	214	20.04	20.11	20.17		
40	1/2 BPSK	108	0	20.13	20.00	20.14	21.5	0.0
40	1/2 BPSK	108	54	20.10	20.15	20.10	21.5	0.0
40	1/2 BPSK	108	108	20.03	20.17	20.02	21.5	0.0
40	1/2 BPSK	216	0	20.05	20.11	20.02		
40	QPSK	1	1	20.10	20.20	20.11		
40	QPSK	1	108	20.13	20.12	20.15	21.5	0.0
40	QPSK	1	214	20.07	20.01	20.03		
40	QPSK	108	0	20.12	20.16	20.01	21.5	0.0
40	QPSK	108	54	20.02	20.03	20.07	21.5	0.0
40	QPSK	108	108	20.10	20.08	20.06		
40	QPSK	216	0	20.10	20.17	20.10	21.5	0.0
40	16QAM	1	1	20.15	20.07	20.04	21.5	0.0
40	64QAM	1	1	20.14	20.10	20.01	21.5	0.0
40	256QAM	1	1	18.83	18.87	18.80	20.5	1.0
Channel				372500	376000	378500	Tune-up	MPR
Frequency (MHz)				1867.5	1880	1892.5	limit	(dB)
35	QPSK	1	1	20.12	20.07	20.01	25.0	0.0
Channel				373000	376000	379000	Tune-up	MPR
Frequency (MHz)				1895	1880	1895	limit	(dB)
30	QPSK	1	1	20.14	19.96	20.00	21.5	0.0
Channel				372500	376000	379500	Tune-up	MPR
Frequency (MHz)				1862.5	1880	1897.5	limit	(dB)
25	QPSK	1	1	20.05	20.05	19.83	25.0	0.0
Channel				372000	376000	380000	Tune-up	MPR
Frequency (MHz)				1860	1880	1900	limit	(dB)
20	QPSK	1	1	20.18	20.13	20.05	25.0	0.0
Channel				371500	376000	380500	Tune-up	MPR
Frequency (MHz)				1857.5	1880	1902.5	limit	(dB)
15	QPSK	1	1	19.98	20.07	19.87	21.5	0.0
Channel				371000	376000	381000	Tune-up	MPR
Frequency (MHz)				1855	1880	1905	limit	(dB)
10	QPSK	1	1	20.01	20.07	20.03	21.5	0.0
Channel				370500	376000	381500	Tune-up	MPR
Frequency (MHz)				1852.5	1880	1907.5	limit	(dB)
5	QPSK	1	1	20.06	20.14	19.98	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	19.97	20.00	20.05	21.5	0.0
40	1/2 BPSK	1	108	20.06	19.87	20.01		
40	1/2 BPSK	1	214	20.00	19.94	20.15		
40	1/2 BPSK	108	0	20.03	20.00	20.09	21.5	0.0
40	1/2 BPSK	108	54	19.98	20.09	20.05	21.5	0.0
40	1/2 BPSK	108	108	19.95	20.15	19.88	21.5	0.0
40	1/2 BPSK	216	0	19.87	20.08	19.88		
40	QPSK	1	1	19.91	20.17	20.00		
40	QPSK	1	108	20.05	20.13	19.96	21.5	0.0
40	QPSK	1	214	19.92	19.99	19.90		
40	QPSK	108	0	19.93	20.13	19.94	21.5	0.0
40	QPSK	108	54	19.85	20.03	20.06	21.5	0.0
40	QPSK	108	108	19.99	19.87	19.95		
40	QPSK	216	0	20.04	20.10	19.93	21.5	0.0
40	16QAM	1	1	20.04	19.93	19.90	21.5	0.0
40	64QAM	1	1	20.01	19.93	19.94	21.5	0.0
40	256QAM	1	1	18.86	18.97	18.96	20.5	1.0
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	20.01	20.16	20.00	21.5	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	20.10	20.03	20.04	21.5	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	19.99	20.11	20.11	21.5	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	1/2 BPSK	1	1	19.92	20.16	19.91	21.5	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	19.90	20.08	20.09	21.5	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	20.02	20.00	19.98	21.5	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2572.5	limit	(dB)
5	QPSK	1	1	19.98	20.03	20.13	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	20.52	20.40	20.52	22.0	0.0
40	1/2 BPSK	1	108	20.68	20.54	20.58		
40	1/2 BPSK	1	214	20.63	20.55	20.55		
40	1/2 BPSK	108	0	20.55	20.52	20.60	22.0	0.0
40	1/2 BPSK	108	54	20.57	20.61	20.71	22.0	0.0
40	1/2 BPSK	108	108	20.52	20.63	20.49	22.0	0.0
40	1/2 BPSK	216	0	20.55	20.72	20.51		
40	QPSK	1	1	20.55	20.63	20.72		
40	QPSK	1	108	20.57	20.78	20.69	22.0	0.0
40	QPSK	1	214	20.53	20.46	20.56		
40	QPSK	108	0	20.59	20.57	20.58	22.0	0.0
40	QPSK	108	54	20.63	20.67	20.63	22.0	0.0
40	QPSK	108	108	20.62	20.54	20.62		
40	QPSK	216	0	20.69	20.72	20.57	22.0	0.0
40	16QAM	1	1	20.60	20.49	20.55	22.0	0.0
40	64QAM	1	1	20.59	20.66	20.50	22.0	0.0
40	256QAM	1	1	18.96	19.04	18.93	20.5	1.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	20.72	20.68	20.54	25.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	20.62	20.62	20.54	22.0	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	20.59	20.59	20.73	22.0	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	20.72	20.50	20.73	22.0	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	20.70	20.59	20.76	22.0	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	20.56	20.56	20.71	22.0	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	20.59	20.72	20.69	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996	22.0	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	20.32	20.60	20.51	22.0	0.0	
40	1/2 BPSK	1	53	20.20	20.38	20.28			
40	1/2 BPSK	1	104	20.57	20.50	20.49	22.0	0.0	
40	1/2 BPSK	50	0	20.20	20.32	20.24			
40	1/2 BPSK	50	28	20.40	20.52	20.30	22.0	0.0	
40	1/2 BPSK	50	59	20.34	20.47	20.39			
40	1/2 BPSK	100	0	20.63	20.65	20.47	22.0	0.0	
40	QPSK	1	1	20.50	20.71	20.55			
40	QPSK	1	53	20.24	20.57	20.28	22.0	0.0	
40	QPSK	1	104	20.51	20.50	20.52			
40	QPSK	50	0	20.36	20.53	20.51	22.0	0.0	
40	QPSK	50	28	20.46	20.57	20.41			
40	QPSK	50	55	20.46	20.48	20.45	22.0	0.0	
40	QPSK	100	0	20.35	20.55	20.40			
40	16QAM	1	1	20.15	20.47	20.40	22.0	0.0	
40	64QAM	1	1	20.16	20.41	20.41			
40	256QAM	1	1	19.00	19.14	19.06	20.5	1.5	
Channel				517002	519000	520998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	20.60	20.64	20.64	22.0	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2592.52	2595	2607.48	limit (dB)	MPR	
25	QPSK	1	1	20.50	20.57	20.62			
Channel				516000	519000	522000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	20.66	20.67	20.57	22.0	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49	limit (dB)	MPR	
15	QPSK	1	1	20.51	20.66	20.57			
Channel				515004	519000	522996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	20.52	20.64	20.58	22.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000	22.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	20.27	20.42	20.38	22.0	0.0	
100	1/2 BPSK	1	137	20.07	20.25	20.18			
100	1/2 BPSK	1	271	20.45	20.39	20.34	22.0	0.0	
100	1/2 BPSK	135	0	20.20	20.25	20.11			
100	1/2 BPSK	135	69	20.25	20.43	20.16	22.0	0.0	
100	1/2 BPSK	135	138	20.27	20.42	20.22			
100	1/2 BPSK	270	0	20.45	20.59	20.42	22.0	0.0	
100	QPSK	1	1	20.71	20.81	20.70			
100	QPSK	1	137	20.10	20.47	20.16	22.0	0.0	
100	QPSK	1	271	20.33	20.30	20.48			
100	QPSK	135	0	20.24	20.38	20.32	22.0	0.0	
100	QPSK	135	69	20.70	20.71	20.67			
100	QPSK	135	138	20.47	20.40	20.50	22.0	0.0	
100	QPSK	270	0	20.57	20.63	20.52			
100	16QAM	1	1	20.51	20.36	20.41	22.0	0.0	
100	64QAM	1	1	20.10	20.32	20.37			
100	256QAM	1	1	19.06	19.21	19.14	20.5	1.5	
Channel				508200	518598	528996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	20.55	20.75	20.58	22.0	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2533.02	2592.99	2649.99	limit (dB)	MPR	
80	QPSK	1	1	20.65	20.64	20.67			
Channel				506202	518598	531000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	20.53	20.64	20.56	22.0	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2523.02	2592.99	2659.98	limit (dB)	MPR	
60	QPSK	1	1	20.51	20.68	20.69			
Channel				504204	518598	532998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	20.49	20.75	20.68	22.0	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670	limit (dB)	MPR	
40	QPSK	1	1	20.60	20.65	20.68			
Channel				502200	518598	534996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	20.67	20.78	20.64	22.0	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98	limit (dB)	MPR	
25	QPSK	1	1	20.57	20.70	20.52			
Channel				501204	518598	535998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2606.02	2592.99	2679.99			
20	QPSK	1	1	20.51	20.64	20.66	22.0	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48	limit (dB)	MPR	
15	QPSK	1	1	20.68	20.68	20.52			
Channel				500202	518598	537000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	20.68	20.72	20.55	22.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	1/2 BPSK	1	1	17.06	17.16	17.06		
40	1/2 BPSK	1	53	17.14	17.13	17.22	19.0	0.0
40	1/2 BPSK	1	104	17.21	17.19	17.14		
40	1/2 BPSK	50	0	17.08	17.17	17.10	19.0	0.0
40	1/2 BPSK	50	28	17.06	17.26	17.01	19.0	0.0
40	1/2 BPSK	50	56	17.12	17.11	17.03		
40	1/2 BPSK	100	0	17.23	17.17	17.14	19.0	0.0
40	QPSK	1	1	17.13	17.27	17.13		
40	QPSK	1	53	17.07	17.21	17.10	19.0	0.0
40	QPSK	1	104	17.07	17.14	17.16		
40	QPSK	50	0	17.10	17.22	17.10	19.0	0.0
40	QPSK	50	28	17.09	17.25	17.24	19.0	0.0
40	QPSK	50	56	17.24	17.21	17.11		
40	QPSK	100	0	17.13	17.24	17.21	19.0	0.0
40	16QAM	1	1	17.18	17.19	17.12	19.0	0.0
40	64QAM	1	1	17.23	17.12	17.25	19.0	0.0
40	256QAM	1	1	17.20	17.16	17.21	19.0	0.0
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	17.07	17.23	17.18	19.0	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	17.10	17.18	17.11	19.0	0.0
Channel				637166	641666	643166	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	17.15	17.15	17.13	19.0	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	17.12	17.25	17.15	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	1/2 BPSK	1	1	17.48	17.52	17.56		
100	1/2 BPSK	1	137	17.55	17.39	17.41	19.0	0.0
100	1/2 BPSK	1	271	17.35	17.50	17.54		
100	1/2 BPSK	135	0	17.43	17.51	17.43	19.0	0.0
100	1/2 BPSK	135	69	17.46	17.54	17.57	19.0	0.0
100	1/2 BPSK	135	138	17.36	17.51	17.45		
100	1/2 BPSK	270	0	17.39	17.42	17.32	19.0	0.0
100	QPSK	1	1	17.35	17.58	17.50		
100	QPSK	1	137	17.55	17.56	17.48	19.0	0.0
100	QPSK	1	271	17.19	17.38	17.09		
100	QPSK	135	0	17.46	17.52	17.35	19.0	0.0
100	QPSK	135	69	17.42	17.57	17.43	19.0	0.0
100	QPSK	135	138	17.33	17.40	17.39		
100	QPSK	270	0	17.47	17.55	17.49	19.0	0.0
100	16QAM	1	1	17.40	17.44	17.44	19.0	0.0
100	64QAM	1	1	17.34	17.49	17.49	19.0	0.0
100	256QAM	1	1	17.37	17.46	17.41	19.0	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	17.35	17.51	17.34	19.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	17.33	17.53	17.48	19.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	17.27	17.54	17.44	19.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	17.40	17.57	17.54	19.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	17.26	17.56	17.52	19.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	17.30	17.46	17.40	19.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	17.34	17.49	17.47	19.0	0.0
Channel				647300	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	17.33	17.53	17.38	19.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	17.33	17.53	17.45	19.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	17.39	17.49	17.31	19.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	17.28	17.42	17.46	19.0	0.0

Part270 n77 PC2 Ant7 DSI3 Main PA

BW [MHz]	Modulation	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	20.28	20.51	20.42		
100	1/2 BPSK	1	137	20.35	20.46	20.35	22.0	0.0
100	1/2 BPSK	1	271	20.08	20.10	20.14		
100	1/2 BPSK	135	0	20.43	20.44	20.36	22.0	0.0
100	1/2 BPSK	135	69	20.32	20.44	20.24	22.0	0.0
100	1/2 BPSK	135	138	20.21	20.36	20.18		
100	1/2 BPSK	270	0	20.41	20.27	20.20	22.0	0.0
100	QPSK	1	1	20.35	20.61	20.47		
100	QPSK	1	137	20.32	20.30	20.34	22.0	0.0
100	QPSK	1	271	20.11	20.15	20.12		
100	QPSK	135	0	20.33	20.41	20.30	22.0	0.0
100	QPSK	135	69	20.34	20.48	20.30	22.0	0.0
100	QPSK	135	138	20.30	20.44	20.33		
100	QPSK	270	0	20.47	20.49	20.35	22.0	0.0
100	16QAM	1	1	20.20	20.41	20.39	22.0	0.0
100	64QAM	1	1	20.03	20.35	20.22	22.0	0.0
100	256QAM	1	1	20.15	20.19	20.09	22.0	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	20.30	20.57	20.35	22.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	20.40	20.47	20.49	22.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	20.20	20.46	20.35	22.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	20.22	20.55	20.30	22.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	20.39	20.40	20.43	22.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	20.21	20.52	20.37	22.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	20.25	20.56	20.33	22.0	0.0
Channel				647300	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	20.37	20.42	20.45	22.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	20.25	20.44	20.32	22.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	20.28	20.56	20.35	22.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	20.36	20.45	20.26	22.0	0.0

Part27Q n77 Ant7 DSI3 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		17.93		19.0	0.0	
100	1/2 BPSK	1	137		17.72				
100	1/2 BPSK	1	271		17.57				
100	1/2 BPSK	135	0		17.48		19.0	0.0	
100	1/2 BPSK	135	69		17.74		19.0	0.0	
100	1/2 BPSK	135	138		17.76		19.0	0.0	
100	1/2 BPSK	270	0		17.67				
100	QPSK	1	1		17.96		19.0	0.0	
100	QPSK	1	137		17.88				
100	QPSK	1	271		17.36				
100	QPSK	135	0		17.63		19.0	0.0	
100	QPSK	135	69		17.78		19.0	0.0	
100	QPSK	135	138		17.66		19.0	0.0	
100	QPSK	270	0		17.75				
100	16QAM	1	1		17.66		19.0	0.0	
100	64QAM	1	1		17.68		19.0	0.0	
100	256QAM	1	1		17.55		19.0	0.0	
Channel				633000	633334	633668	Tune-up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)	
90	QPSK	1	1		17.77	17.92	17.84	19.0	0.0
Channel				632668	633334	634000	Tune-up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)	
80	QPSK	1	1		17.86	17.92	17.74	19.0	0.0
Channel				632334	633334	634334	Tune-up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)	
70	QPSK	1	1		17.87	17.92	17.80	19.0	0.0
Channel				632000	633334	634668	Tune-up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)	
60	QPSK	1	1		17.77	17.80	17.88	19.0	0.0
Channel				631668	633334	635000	Tune-up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)	
50	QPSK	1	1		17.75	17.77	17.77	19.0	0.0
Channel				631334	633334	635334	Tune-up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)	
40	QPSK	1	1		17.74	17.94	17.75	19.0	0.0
Channel				631000	633334	635668	Tune-up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)	
30	QPSK	1	1		17.86	17.79	17.69	19.0	0.0
Channel				630834	633334	635834	Tune-up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)	
25	QPSK	1	1		17.89	17.83	17.81	19.0	0.0
Channel				630668	633334	636000	Tune-up	MPR	
Frequency (MHz)				3450.02	3500.01	3540	limit	(dB)	
20	QPSK	1	1		17.88	17.83	17.66	19.0	0.0
Channel				630500	633334	636168	Tune-up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)	
15	QPSK	1	1		17.68	17.95	17.79	19.0	0.0
Channel				630334	633334	636334	Tune-up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)	
10	QPSK	1	1		17.71	17.90	17.83	19.0	0.0

Part27Q n77 PC2 Ant7 DSI3 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		20.59		22.0	0.0	
100	1/2 BPSK	1	137		20.82				
100	1/2 BPSK	1	271		20.52				
100	1/2 BPSK	135	0		20.75		22.0	0.0	
100	1/2 BPSK	135	69		20.62		22.0	0.0	
100	1/2 BPSK	135	138		20.77		22.0	0.0	
100	1/2 BPSK	270	0		20.87				
100	QPSK	1	1		20.88		22.0	0.0	
100	QPSK	1	137		20.71				
100	QPSK	1	271		20.48				
100	QPSK	135	0		20.86		22.0	0.0	
100	QPSK	135	69		20.87		22.0	0.0	
100	QPSK	135	138		20.74		22.0	0.0	
100	QPSK	270	0		20.79				
100	16QAM	1	1		20.77		22.0	0.0	
100	64QAM	1	1		20.57		22.0	0.0	
100	256QAM	1	1		20.48		22.0	0.0	
Channel				633000	633334	633668	Tune-up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)	
90	QPSK	1	1		20.79	20.77	20.79	22.0	0.0
Channel				632668	633334	634000	Tune-up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)	
80	QPSK	1	1		20.73	20.82	20.87	22.0	0.0
Channel				632334	633334	634334	Tune-up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)	
70	QPSK	1	1		20.84	20.82	20.72	22.0	0.0
Channel				632000	633334	634668	Tune-up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)	
60	QPSK	1	1		20.72	20.85	20.73	22.0	0.0
Channel				631668	633334	635000	Tune-up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)	
50	QPSK	1	1		20.73	20.83	20.83	22.0	0.0
Channel				631334	633334	635334	Tune-up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)	
40	QPSK	1	1		20.71	20.86	20.75	22.0	0.0
Channel				631000	633334	635668	Tune-up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)	
30	QPSK	1	1		20.70	20.82	20.85	22.0	0.0
Channel				630334	633334	635934	Tune-up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)	
25	QPSK	1	1		20.72	20.85	20.72	22.0	0.0
Channel				630668	633334	636000	Tune-up	MPR	
Frequency (MHz)				3450.02	3500.01	3540	limit	(dB)	
20	QPSK	1	1		20.78	20.85	20.76	22.0	0.0
Channel				630500	633334	636168	Tune-up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)	
15	QPSK	1	1		20.77	20.76	20.87	22.0	0.0
Channel				630334	633334	636334	Tune-up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)	
10	QPSK	1	1		20.77	20.82	20.81	22.0	0.0

Part27O n78 Ant7 DSI3 Main PA

BW [MHz]	Modulation	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		16.88		18.5	0.0	
100	1/2 BPSK	1	137		16.88				
100	1/2 BPSK	1	271		16.74				
100	1/2 BPSK	135	0		16.93		18.5	0.0	
100	1/2 BPSK	135	69		16.92		18.5	0.0	
100	1/2 BPSK	135	138		16.81		18.5	0.0	
100	1/2 BPSK	270	0		16.85				
100	QPSK	1	1		16.95		18.5	0.0	
100	QPSK	1	137		16.93				
100	QPSK	1	271		16.71				
100	QPSK	135	0		16.78		18.5	0.0	
100	QPSK	135	69		16.92		18.5	0.0	
100	QPSK	135	138		16.77		18.5	0.0	
100	QPSK	270	0		16.85				
100	16QAM	1	1		16.86		18.5	0.0	
100	64QAM	1	1		16.89		18.5	0.0	
100	256QAM	1	1		16.90		18.5	0.0	
Channel				649668	650000	650334	Tune-up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)	
90	QPSK	1	1		16.68	16.75	16.68	18.5	0.0
Channel				649334	650000	650668	Tune-up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)	
80	QPSK	1	1		16.63	16.66	16.76	18.5	0.0
Channel				649000	650000	651000	Tune-up	MPR	
Frequency (MHz)				3735	3750	3765	limit	(dB)	
70	QPSK	1	1		16.74	16.65	16.61	18.5	0.0
Channel				648668	650000	651334	Tune-up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)	
60	QPSK	1	1		16.67	16.81	16.69	18.5	0.0
Channel				648334	650000	651668	Tune-up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)	
50	QPSK	1	1		16.62	16.70	16.78	18.5	0.0
Channel				648000	650000	652000	Tune-up	MPR	
Frequency (MHz)				3720	3750	3780	limit	(dB)	
40	QPSK	1	1		16.78	16.70	16.70	18.5	0.0
Channel				647668	650000	652334	Tune-up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)	
30	QPSK	1	1		16.78	16.65	16.68	18.5	0.0
Channel				647334	650000	652668	Tune-up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)	
20	QPSK	1	1		16.67	16.69	16.67	18.5	0.0
Channel				647168	650000	652834	Tune-up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)	
15	QPSK	1	1		16.82	16.73	16.77	18.5	0.0
Channel				647000	650000	653000	Tune-up	MPR	
Frequency (MHz)				3705	3750	3795	limit	(dB)	
10	QPSK	1	1		16.60	16.68	16.68	18.5	0.0

Part270 n78 PC2 Ant7 DSI3 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				3750	650000			
Frequency (MHz)								
100	1/2 BPSK	1	1	19.79			21.5	0.0
100	1/2 BPSK	1	137	19.74				
100	1/2 BPSK	1	271	19.52				
100	1/2 BPSK	135	0	20.13			21.5	0.0
100	1/2 BPSK	135	69	19.74			21.5	0.0
100	1/2 BPSK	135	138	19.84			21.5	0.0
100	1/2 BPSK	270	0	19.81				
100	QPSK	1	1	20.15			21.5	0.0
100	QPSK	1	137	19.96				
100	QPSK	1	271	20.05				
100	QPSK	135	0	19.90			21.5	0.0
100	QPSK	135	69	19.92			21.5	0.0
100	QPSK	135	138	19.90			21.5	0.0
100	QPSK	270	0	19.81				
100	16QAM	1	1	19.82			21.5	0.0
100	64QAM	1	1	19.76			21.5	0.0
100	256QAM	1	1	19.70			21.5	0.0
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	20.08	20.08	19.94	21.5	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	19.95	20.05	19.96	21.5	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	20.10	20.02	19.99	21.5	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	20.02	20.02	20.04	21.5	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	19.97	20.05	20.06	21.5	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	20.01	20.05	19.99	21.5	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	19.93	20.10	20.10	21.5	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	20.05	20.11	20.08	21.5	0.0
Channel				647000	650000	652934	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
15	QPSK	1	1	19.97	20.10	20.02	21.5	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	19.96	20.04	20.11	21.5	0.0

Part27Q n78 Ant7 PA DSI3 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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	17.24			18.5	0.0
100	1/2 BPSK	1	137	17.30				
100	1/2 BPSK	1	271	17.08				
100	1/2 BPSK	135	0	17.21			18.5	0.0
100	1/2 BPSK	135	69	17.07			18.5	0.0
100	1/2 BPSK	135	138	17.27			18.5	0.0
100	1/2 BPSK	270	0	17.11				
100	QPSK	1	1	17.31			18.5	0.0
100	QPSK	1	137	17.18				
100	QPSK	1	271	17.02				
100	QPSK	135	0	17.24			18.5	0.0
100	QPSK	135	69	17.27			18.5	0.0
100	QPSK	135	138	17.25			18.5	0.0
100	QPSK	270	0	17.24				
100	16QAM	1	1	17.17			18.5	0.0
100	64QAM	1	1	17.14			18.5	0.0
100	256QAM	1	1	17.09			18.5	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	17.18	17.24	17.23	18.5	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	17.24	17.24	17.19	18.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	17.22	17.15	17.22	18.5	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	17.22	17.28	17.21	18.5	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	17.17	17.19	17.14	18.5	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	17.20	17.15	17.17	18.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	17.30	17.21	17.19	18.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	17.20	17.16	17.22	18.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	17.10	17.16	17.25	18.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	17.25	17.31	17.17	18.5	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	17.25	17.31	17.15	18.5	0.0

Part27Q n78 PC2 Ant7 DSI5 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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	20.03			21.5	0.0
100	1/2 BPSK	1	137	20.15				
100	1/2 BPSK	1	271	19.92				
100	1/2 BPSK	135	0	20.29			21.5	0.0
100	1/2 BPSK	135	69	20.02			21.5	0.0
100	1/2 BPSK	135	138	20.15			21.5	0.0
100	1/2 BPSK	270	0	20.14				
100	QPSK	1	1	20.41			21.5	0.0
100	QPSK	1	137	19.92				
100	QPSK	1	271	19.97				
100	QPSK	135	0	20.34			21.5	0.0
100	QPSK	135	69	20.35			21.5	0.0
100	QPSK	135	138	20.16			21.5	0.0
100	QPSK	270	0	20.18				
100	16QAM	1	1	20.25			21.5	0.0
100	64QAM	1	1	20.03			21.5	0.0
100	256QAM	1	1	20.34			21.5	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	20.13	20.37	20.25	21.5	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	20.15	20.25	20.32	21.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	20.17	20.20	20.24	21.5	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	20.29	20.15	20.15	21.5	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	20.15	20.30	20.32	21.5	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	20.18	20.22	20.35	21.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	20.23	20.32	20.24	21.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	20.25	20.35	20.13	21.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	20.31	20.19	20.28	21.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)

Reduced Power SA Mode for DSI4

n5 Ant0 DSI4 Main PA									
BW (MHz)	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	1/2 BPSK	1	1	24.39	24.42	24.37			
20	1/2 BPSK	1	53	24.25	24.28	24.13	25.5	0.0	
20	1/2 BPSK	1	104	24.02	24.19	24.03			
20	1/2 BPSK	50	0	23.67	23.77	23.66	25.0	0.5	
20	1/2 BPSK	50	28	23.98	24.14	23.97	25.5	0.0	
20	1/2 BPSK	50	56	23.52	23.65	23.58	25.0	0.5	
20	1/2 BPSK	100	0	23.67	23.83	23.68			
20	QPSK	1	1	24.43	24.45	24.41			
20	QPSK	1	53	24.30	24.33	24.29	25.5	0.0	
20	QPSK	1	104	24.15	24.27	24.14			
20	QPSK	50	0	23.10	23.22	23.06	24.5	1.0	
20	QPSK	50	28	24.26	24.37	24.25	25.5	0.0	
20	QPSK	50	56	23.07	23.14	22.99	24.5	1.0	
20	QPSK	100	0	23.37	23.39	23.23			
20	16QAM	1	1	23.30	23.36	23.30	24.5	1.0	
20	64QAM	1	1	21.76	21.87	21.78	23.0	2.5	
20	256QAM	1	1	19.58	19.75	19.66	21.0	4.5	
Channel				166300	167300	168300	Tune-up	MPR	
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)	
15	QPSK	1	1	24.33	24.39	24.23	25.5	0.0	
Channel				165800	167300	168800	Tune-up	MPR	
Frequency (MHz)				829	836.5	844	limit	(dB)	
10	QPSK	1	1	24.30	24.29	24.24	25.5	0.0	
Channel				165300	167300	169300	Tune-up	MPR	
Frequency (MHz)				826.5	836.5	846.5	limit	(dB)	
5	QPSK	1	1	24.31	24.28	24.34	25.5	0.0	

n5 Ant1 DSI4 Main PA								
BW (MHz)	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	23.0	0.0
Frequency (MHz)				834	836.5	839		
20	1/2 BPSK	1	1	21.78	21.88	21.73	23.0	0.0
20	1/2 BPSK	1	53	21.58	21.72	21.68		
20	1/2 BPSK	1	104	21.56	21.67	21.56		
20	1/2 BPSK	50	0	21.64	21.92	21.66	23.0	0.0
20	1/2 BPSK	50	28	21.72	21.71	21.62	23.0	0.0
20	1/2 BPSK	50	56	21.57	21.57	21.48	23.0	0.0
20	1/2 BPSK	100	0	21.75	21.98	21.82	23.0	0.0
20	QPSK	1	1	21.94	22.06	21.86	23.0	0.0
20	QPSK	1	53	21.59	21.82	21.72		
20	QPSK	1	104	21.51	21.51	21.57		
20	QPSK	50	0	21.54	21.84	21.56	23.0	0.0
20	QPSK	50	28	21.80	21.95	21.91	23.0	0.0
20	QPSK	50	56	21.55	21.61	21.48	23.0	0.0
20	QPSK	100	0	21.91	21.97	21.73	23.0	0.0
20	16QAM	1	1	21.79	21.98	21.94	23.0	0.0
20	64QAM	1	1	21.71	21.82	21.73	23.0	0.0
20	256QAM	1	1	19.67	19.73	19.65	21.0	2.0
Channel				166300	167300	168300	Tune-up	MPR
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)
15	QPSK	1	1	21.71	21.71	21.74	23.0	0.0
Channel				165800	167300	168800	Tune-up	MPR
Frequency (MHz)				829	836.5	844	limit	(dB)
10	QPSK	1	1	21.57	21.68	21.77	23.0	0.0
Channel				165300	167300	169300	Tune-up	MPR
Frequency (MHz)				826.5	836.5	846.5	limit	(dB)
5	QPSK	1	1	21.65	21.84	21.64	23.0	0.0

n48 Part96 Ant1 DSI4 Main PA

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.		Power Middle Ch./Freq.		Power High Ch./Freq.		Time-up limit (dBm)	MPR (dB)
				Channel	638000	641666	645332				
				Frequency (MHz)	3570	3624.99	3679.98				
40	1/2 BPSK	1	1	20.95	20.98	20.98	20.80				
40	1/2 BPSK	1	53	20.84	20.98	20.98	20.73				0.0
40	1/2 BPSK	1	104	20.95	20.92	20.92	20.93				
40	1/2 BPSK	50	0	20.94	20.98	20.98	22.0		22.0	0.0	
40	1/2 BPSK	50	28	20.81	20.91	20.91	22.0		22.0	0.0	
40	1/2 BPSK	50	58	20.97	20.97	20.97	20.94		22.0	0.0	
40	1/2 BPSK	100	0	20.76	20.84	20.84	22.0		22.0	0.0	
40	1/2 BPSK	100	1	20.92	20.92	20.92	20.99				
40	QPSK	1	53	20.79	20.80	20.80	20.74		22.0	0.0	
40	QPSK	1	104	20.92	20.97	20.97	20.78				
40	QPSK	50	0	20.83	20.87	20.87	20.83		22.0	0.0	
40	QPSK	50	28	20.75	20.86	20.86	20.82		22.0	0.0	
40	QPSK	50	58	20.95	20.95	20.95	20.92		22.0	0.0	
40	QPSK	100	0	20.90	20.94	20.94	20.84		22.0	0.0	
40	16QAM	1	1	20.82	20.84	20.84	20.81		22.0	0.0	
40	64QAM	1	1	20.82	20.84	20.84	20.70		22.0	0.0	
40	256QAM	1	1	18.99	19.02	19.02	18.88		20.0	0.0	
				Channel	641666	641666	645666				
				Frequency (MHz)	3565.02	3624.99	3684.99	limit			
30	QPSK	1	1	20.88	20.84	20.84	20.92	22.0			
				Channel	637334	641666	648000	Time-up			
				Frequency (MHz)	3550.01	3624.99	3690	MPR			
20	QPSK	1	1	20.95	20.83	20.83	22.0	22.0			
				Channel	637168	641666	646166	Time-up			
				Frequency (MHz)	3557.52	3624.99	3692.49	limit			
15	QPSK	1	1	20.94	20.83	20.83	20.95	22.0		0.0	
				Channel	637000	641000	646000	Time-up			
				Frequency (MHz)	3554.99	3624.99	3684.99	limit			
10	QPSK	1	1	20.86	20.78	20.78	20.86	22.0		0.0	

Part270 n77 Ant1 DSI4 Main PA

BW (MHz)	Modulati on	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	20.25	20.47	20.38		
100	1/2 BPSK	1	137	20.38	20.46	20.42		0.0
100	1/2 BPSK	1	271	20.32	20.53	20.50		21.0
100	1/2 BPSK	135	0	20.25	20.45	20.48		0.0
100	1/2 BPSK	135	69	20.44	20.52	20.48		21.0
100	1/2 BPSK	135	138	20.29	20.52	20.48		21.0
100	1/2 BPSK	270	0	20.36	20.45	20.39		
100	QPSK	1	1	20.36	20.56	20.52		
100	QPSK	1	137	20.35	20.58	20.54		21.0
100	QPSK	1	271	20.30	20.54	20.51		
100	QPSK	135	0	20.27	20.50	20.47	21.0	0.0
100	QPSK	135	69	20.27	20.54	20.46	21.0	0.0
100	QPSK	135	138	20.37	20.51	20.42	21.0	0.0
100	QPSK	270	0	20.34	20.53	20.47		
100	16QAM	1	1	20.37	20.58	20.54		
100	64QAM	1	1	20.22	20.38	20.29	21.0	0.0
100	256QAM	1	1	20.18	20.36	20.15	21.0	0.0
		Channel		649668	656000	662334	Tune-up	MPR
		Frequency (MHz)		3742.02	3840	3935.01	limit	(dB)
70	QPSK	1	1	20.25	20.35	20.38	21.0	0.0
70	QPSK	1	137	20.33	20.50	20.46	21.0	0.0
		Channel		649668	656000	663334	Tune-up	MPR
		Frequency (MHz)		3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	20.31	20.38	20.34	21.0	0.0
		Channel		649000	656000	663000	Tune-up	MPR
		Frequency (MHz)		3735	3840	3945	limit	(dB)
70	QPSK	1	1	20.37	20.43	20.37	21.0	0.0
		Channel		649668	656000	663334	Tune-up	MPR
		Frequency (MHz)		3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	20.36	20.34	20.32	21.0	0.0
		Channel		648334	656000	663668	Tune-up	MPR
		Frequency (MHz)		3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	20.35	20.35	20.35	21.0	0.0
		Channel		647200	656000	664000	Tune-up	MPR
		Frequency (MHz)		3720	3840	3960	limit	(dB)
40	QPSK	1	1	20.32	20.43	20.40	21.0	0.0
		Channel		647668	656000	664334	Tune-up	MPR
		Frequency (MHz)		3718	3840	3965.01	limit	(dB)
30	QPSK	1	1	20.28	20.35	20.39	21.0	0.0
		Channel		647500	656000	664500	Tune-up	MPR
		Frequency (MHz)		3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	20.35	20.39	20.31	21.0	0.0
		Channel		647334	656000	664668	Tune-up	MPR
		Frequency (MHz)		3710.01	3840	3970.01	limit	(dB)
20	QPSK	1	1	20.33	20.35	20.33	21.0	0.0
		Channel		647168	656000	664834	Tune-up	MPR
		Frequency (MHz)		3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	20.31	20.45	20.37	21.0	0.0
		Channel		647000	656000	665000	Tune-up	MPR
		Frequency (MHz)		3705	3840	3975	limit	(dB)
10	QPSK	1	1	20.33	20.37	20.41	21.0	0.0

Part270 n77 PC2 Ant1 DSI4 Main PA

BW (MHz)	Modulati on	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	23.31	23.39	23.33		
100	1/2 BPSK	1	137	23.37	23.52	23.47	24.0	0.0
100	1/2 BPSK	1	271	23.23	23.37	23.50		
100	1/2 BPSK	135	0	23.37	23.42	23.37		
100	1/2 BPSK	135	69	23.39	23.49	23.51	24.0	0.0
100	1/2 BPSK	135	138	23.40	23.52	23.41	24.0	0.0
100	1/2 BPSK	270	0	23.40	23.57	23.57		
100	QPSK	1	1	23.42	23.58	23.48		
100	QPSK	1	137	23.42	23.52	23.48	24.0	0.0
100	QPSK	1	271	23.40	23.42	23.48		
100	QPSK	135	0	23.46	23.45	23.47	24.0	0.0
100	QPSK	135	69	23.46	23.54	23.46	24.0	0.0
100	QPSK	135	138	23.50	23.53	23.51	24.0	0.0
100	QPSK	270	0	23.44	23.57	23.52		
100	16QAM	1	1	23.41	23.41	23.25	24.0	0.0
100	64QAM	1	1	22.56	22.64	22.64	24.0	0.0
100	256QAM	1	1	20.55	20.63	20.62	22.0	2.0
Channel				649666	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	23.54	23.36	23.51	limit	(dB)
Channel				649334	656000	662666	limit	(dB)
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	23.28	23.43	23.55	24.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3745	3840	3945	limit	(dB)
70	QPSK	1	1	23.57	23.41	23.57	24.0	0.0
Channel				648666	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	23.32	23.41	23.46	24.0	0.0
Channel				648334	656000	663666	Tune-up	MPR
Frequency (MHz)				3728.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	23.43	23.43	23.43	24.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	23.35	23.36	23.53	24.0	0.0
Channel				647666	656000	664334	Tune-up	MPR
Frequency (MHz)				3718.01	3840	3965.02	limit	(dB)
30	QPSK	1	1	23.29	23.39	23.51	24.0	0.0
Channel				647000	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	23.40	23.40	23.48	24.0	0.0
Channel				647334	656000	664666	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	23.30	23.38	23.48	24.0	0.0
Channel				646166	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	23.36	23.34	23.48	24.0	0.0
Channel				645500	656000	665000	Tune-up	MPR
Frequency (MHz)				3700	3840	3975	limit	(dB)
10	QPSK	1	1	23.35	23.46	23.49	24.0	0.0

Part27Q n77 Ant1 DSI4 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)	MPRR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1		20.32			
100	1/2 BPSK	1	137		20.47		21.0	0.0
100	1/2 BPSK	1	271		20.34			
100	1/2 BPSK	135	0		20.35		21.0	0.0
100	1/2 BPSK	135	69		20.35		21.0	0.0
100	1/2 BPSK	135	138		20.43		21.0	0.0
100	1/2 BPSK	270	0		20.29		21.0	0.0
100	QPSK	1	1		20.53			
100	QPSK	1	137		20.35		21.0	0.0
100	QPSK	1	271		20.46		21.0	0.0
100	QPSK	135	0		20.32		21.0	0.0
100	QPSK	135	69		20.46		21.0	0.0
100	QPSK	135	138		20.41		21.0	0.0
100	QPSK	270	0		20.47		21.0	0.0
100	16QAM	1	1		20.29		21.0	0.0
100	16QAM	1	137		20.27		21.0	0.0
100	256QAM	1	1		20.09		21.0	0.0
Channel				633900	633334	633668	Time-up	MPRR
Frequency (MHz)				34495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	20.42	20.50	20.45	21.0	0.0
Frequency (MHz)				633262	633334	633406	Time-up	MPRR
80	QPSK	1	1	20.35	20.45	20.43	21.0	0.0
Channel				632334	633334	634334	Time-up	MPRR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	20.30	20.46	20.46	21.0	0.0
Channel				633200	633334	633466	Time-up	MPRR
Frequency (MHz)				3439	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	20.38	20.49	20.51	21.0	0.0
Channel				631668	633334	635000	Time-up	MPRR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	20.41	20.41	20.40	21.0	0.0
Channel				631334	633334	635334	Time-up	MPRR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	20.39	20.50	20.46	21.0	0.0
Channel				631000	633334	635668	Time-up	MPRR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	20.34	20.41	20.45	21.0	0.0
Channel				630834	633334	635834	Time-up	MPRR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	20.36	20.49	20.52	21.0	0.0
Channel				630668	633334	636000	Time-up	MPRR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	20.41	20.50	20.52	21.0	0.0
Channel				630500	633334	636168	Time-up	MPRR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	20.36	20.46	20.46	21.0	0

Part27Q n77 PC2 Ant1 Default Main
PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Time-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1		23.32			
100	1/2 BPSK	1	137		23.39			
100	1/2 BPSK	1	271		23.38			
100	1/2 BPSK	135	0		23.43		24.0	0.0
100	1/2 BPSK	135	69		23.40		24.0	0.0
100	1/2 BPSK	135	138		23.38		24.0	0.0
100	1/2 BPSK	270	0		23.44		24.0	0.0
100	QPSK	1	1		23.46			
100	QPSK	1	137		23.39			
100	QPSK	1	271		23.41			
100	QPSK	135	0		23.43		24.0	0.0
100	QPSK	135	69		23.44		24.0	0.0
100	QPSK	135	138		23.40		24.0	0.0
100	QPSK	270	0		23.41			
100	16QAM	1	1		23.30		24.0	0.0
100	16QAM	1	1		22.40		24.0	0.0
100	256QAM	1	1		20.52		22.0	2.0
Channel				633000	633334	633668		
Frequency (MHz)				34495	3500.01	3505.02		
90	QPSK	1	1	23.38	23.27	23.40	24.0	0.0
Channel				633266	633334	634000		
Frequency (MHz)				4490.02	3500.01	3510.0		
80	QPSK	1	1	23.31	23.30	23.42	24.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01	Time-up	MPR
70	QPSK	1	1	23.30	23.38	23.38	24.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3436	3500.01	3520.02	Time-up	MPR
60	QPSK	1	1	23.38	23.37	23.39	24.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525	Time-up	MPR
50	QPSK	1	1	23.39	23.30	23.38	24.0	0.0
Channel				631334	633334	634334		
Frequency (MHz)				3470.01	3500.01	3530.01	Time-up	MPR
40	QPSK	1	1	23.39	23.38	23.36	24.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02	Time-up	MPR
30	QPSK	1	1	23.33	23.31	23.34	24.0	0.0
Channel				630334	633334	633834		
Frequency (MHz)				3462.51	3500.01	3537.51	Time-up	MPR
25	QPSK	1	1	23.39	23.30	23.40	24.0	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540	Time-up	MPR
20	QPSK	1	1	23.39	23.34	23.38	24.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52	Time-up	MPR
15	QPSK	1	1	23.30	23.37	23.44	24.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3456.01	3500.01	3546.01	Time-up	MPR
10	QPSK	1	1	23.30	23.30	23.33	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	1/2 BPSK	1	1		19.97			
100	1/2 BPSK	1	137		20.18		21.0	0.0
100	1/2 BPSK	1	271		20.12			
100	1/2 BPSK	135	0		20.13		21.0	0.0
100	1/2 BPSK	135	69		20.13		21.0	0.0
100	1/2 BPSK	135	138		20.18			
100	1/2 BPSK	270	0		20.19		21.0	0.0
100	QPSK	1	1		20.29			
100	QPSK	1	137		20.07		21.0	0.0
100	QPSK	1	271		20.10			
100	QPSK	135	0		19.95		21.0	0.0
100	QPSK	135	69		20.22		21.0	0.0
100	QPSK	135	138		20.19		21.0	0.0
100	QPSK	270	0		20.20			
100	16QAM	1	1		18.68		21.0	0.0
100	16QAM	1	137		19.82		21.0	0.0
100	256QAM	1	1		19.82		21.0	0.0
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	20.12	20.18	20.13	21.0	0.0
Channel				650334	650000	649668	Tune-up	MPR
Frequency (MHz)				3750.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	20.40	20.17	20.05	21.0	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	20.23	20.14	20.10	21.0	0.0
Channel				649668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	20.14	20.17	20.14	21.0	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	20.14	20.22	20.15	21.0	0.0
Channel				645000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	20.17	20.17	20.15	21.0	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	20.17	20.12	20.09	21.0	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	20.16	20.11	20.06	21.0	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	20.19	20.13	20.08	21.0	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	20.19	20.11	20.09	21.0	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	20.23	20.11	20.12	21.0	0.0

Part270 n78 PC2 Ant1 DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	1/2 BPSK	1	1		3750			
100	1/2 BPSK	1	137		23.17		24.0	0.0
100	1/2 BPSK	1	271		23.18			
100	1/2 BPSK	135	0		23.14		24.0	0.0
100	1/2 BPSK	135	69		23.19		24.0	0.0
100	1/2 BPSK	135	138		23.28			
100	1/2 BPSK	270	0		23.19		24.0	0.0
100	QPSK	1	1		23.30			
100	QPSK	1	137		23.22		24.0	0.0
100	QPSK	1	271		23.20			
100	QPSK	135	0		23.25		24.0	0.0
100	QPSK	135	69		23.28		24.0	0.0
100	QPSK	135	138		23.25			
100	QPSK	270	0		23.27		24.0	0.0
100	16QAM	1	1		23.05		24.0	0.0
100	64QAM	1	1		22.38		24.0	0.0
100	256QAM	1	1		20.39		22.0	2.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.18	23.14	23.20	24.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.12	23.16	23.20	24.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	23.13	23.13	23.13	24.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.17	23.16	23.16	24.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.14	23.20	23.18	24.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.18	23.20	23.17	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.16	23.24	23.12	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	23.12	23.13	23.18	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.22	23.17	23.15	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	23.16	23.25	23.14	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	23.17	23.21	23.13	24.0	0.0

Part27Q n78 Ant1 DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	1/2 BPSK	1	1		3500.01			
100	1/2 BPSK	1	137		20.02			
100	1/2 BPSK	1	271		20.18		21.0	0.0
100	1/2 BPSK	135	0		20.32		21.0	0.0
100	1/2 BPSK	135	69		20.19		21.0	0.0
100	1/2 BPSK	135	138		20.25			
100	1/2 BPSK	270	0		20.19		21.0	0.0
100	QPSK	1	1		20.38			
100	QPSK	1	137		20.24		21.0	0.0
100	QPSK	1	271		20.10			
100	QPSK	135	0		20.13		21.0	0.0
100	QPSK	135	69		20.36		21.0	0.0
100	QPSK	135	138		20.10			
100	QPSK	270	0		20.33		21.0	0.0
100	16QAM	1	1		19.99		21.0	0.0
100	64QAM	1	1		20.00		21.0	0.0
100	256QAM	1	1		20.02		21.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	20.26	20.24	20.11	21.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	20.19	20.21	20.20	21.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	20.18	20.19	20.21	21.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	20.21	20.22	20.12	21.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	20.22	20.17	20.16	21.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	20.25	20.17	20.16	21.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	20.24	20.18	20.13	21.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	20.24	20.22	20.14	21.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	20.27	20.18	20.18	21.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	20.26	20.18	20.16	21.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	20.27	20.20	20.19	21.0	0.0

Part27Q n78 PC2 Ant1 DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	1/2 BPSK	1	1		3500.01			
100	1/2 BPSK	1	137		23.13			
100	1/2 BPSK	1	271		23.21		24.0	0.0
100	1/2 BPSK	135	0		23.24		24.0	0.0
100	1/2 BPSK	135	69		23.25		24.0	0.0
100	1/2 BPSK	135	138		23.34			
100	1/2 BPSK	270	0		23.32			
100	QPSK	1	1		23.36			
100	QPSK	1	137		23.29		24.0	0.0
100	QPSK	1	271		23.27			
100	QPSK	135	0		23.30		24.0	0.0
100	QPSK	135	69		23.33		24.0	0.0
100	QPSK	135	138		23.25			
100	QPSK	270	0		23.35		24.0	0.0
100	16QAM	1	1		23.19		24.0	0.0
100	64QAM	1	1		22.55		24.0	0.0
100	256QAM	1	1		20.54		22.0	2.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.23	23.29	23.25	24.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.18	23.29	23.17	24.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	23.18	23.30	23.26	24.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.21	23.30	23.25	24.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.22	23.29	23.24	24.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.17	23.30	23.21	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.25	23.31	23.15	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	23.23	23.26	23.25	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.18	23.31	23.21	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	23.20	23.27	23.18	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	23.19	23.30	23.21	24.0	0.0

n2 Ant2 DSI4 Main PA

BW [MHz]	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	1/2 BPSK	1	1	24.38	24.41	24.25		
40	1/2 BPSK	1	108	24.22	24.32	24.16	25.5	0.0
40	1/2 BPSK	1	214	24.35	24.52	24.39		
40	1/2 BPSK	108	0	23.59	23.74	23.69	25.0	0.5
40	1/2 BPSK	108	54	24.29	24.36	24.22	25.5	0.0
40	1/2 BPSK	108	108	23.75	23.92	23.83	25.0	0.5
40	1/2 BPSK	216	0	23.31	23.38	23.31		
40	QPSK	1	1	24.39	24.53	24.48		
40	QPSK	1	108	24.18	24.29	24.19	25.5	0.0
40	QPSK	1	214	24.48	24.51	24.34		
40	QPSK	108	0	23.19	23.26	23.09	24.5	1.0
40	QPSK	108	54	24.40	24.46	24.41	25.5	0.0
40	QPSK	108	108	23.27	23.36	23.28		
40	QPSK	216	0	23.23	23.41	23.38	24.5	1.0
40	16QAM	1	1	23.06	23.13	22.98	24.5	1.0
40	16QAM	1	1	21.48	21.63	21.55	23.0	2.5
40	256QAM	1	1	19.64	19.71	19.61	21.0	4.5
Channel				373500	376000	378500	Tune-up	MPR
Frequency (MHz)				1867.5	1880	1892.5	limit	(dB)
35	QPSK	1	1	24.26	24.35	24.42	0.0	0.0
Channel				373000	376000	379000	Tune-up	MPR
Frequency (MHz)				1865	1880	1895	limit	(dB)
30	QPSK	1	1	24.25	24.42	24.41	25.5	0.0
Channel				372500	376000	379500	Tune-up	MPR
Frequency (MHz)				1862.5	1880	1897.5	limit	(dB)
25	QPSK	1	1	24.35	24.45	24.41	0.0	0.0
Channel				372000	376000	380000	Tune-up	MPR
Frequency (MHz)				1860	1880	1900	limit	(dB)
20	QPSK	1	1	24.31	24.39	24.40	0.0	0.0
Channel				371500	376000	380500	Tune-up	MPR
Frequency (MHz)				1857.5	1880	1902.5	limit	(dB)
15	QPSK	1	1	24.30	24.49	24.44	25.5	0.0
Channel				371000	376000	381000	Tune-up	MPR
Frequency (MHz)				1855	1880	1905	limit	(dB)
10	QPSK	1	1	24.34	24.40	24.34	25.5	0.0
Channel				370500	376000	381500	Tune-up	MPR
Frequency (MHz)				1852.5	1880	1907.5	limit	(dB)
5	QPSK	1	1	24.26	24.38	24.41	25.5	0.0

n7 Ant2 DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	24.38	24.46	24.20		
40	1/2 BPSK	1	108	24.15	24.25	24.23	25.5	0.0
40	1/2 BPSK	1	214	24.35	24.48	24.41		
40	1/2 BPSK	108	0	23.61	23.77	23.63	25.0	0.5
40	1/2 BPSK	108	54	24.24	24.30	24.15	25.5	0.0
40	1/2 BPSK	108	108	23.77	23.97	23.80	25.0	0.5
40	1/2 BPSK	216	0	23.34	23.45	23.29		
40	QPSK	1	1	24.40	24.52	24.45		
40	QPSK	1	108	24.13	24.27	24.22	25.5	0.0
40	QPSK	1	214	24.46	24.44	24.41		
40	QPSK	108	0	23.14	23.30	23.02	24.5	1.0
40	QPSK	108	54	24.35	24.47	24.41	25.5	0.0
40	QPSK	108	108	23.28	23.29	23.26		
40	QPSK	216	0	23.25	23.37	23.36	24.5	1.0
40	16QAM	1	1	23.12	23.07	22.91	24.5	1.0
40	16QAM	1	1	21.42	21.57	21.47	23.0	2.5
40	256QAM	1	1	19.64	19.67	19.59	21.0	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	24.35	24.39	24.38	25.5	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	24.22	24.48	24.33	25.5	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	24.27	24.41	24.39	25.5	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	1/2 BPSK	1	1	24.25	24.38	24.45	25.5	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	24.22	24.36	24.40	25.5	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	24.29	24.36	24.31	25.5	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	24.36	24.43	24.35	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	24.62	24.68	24.44		
40	1/2 BPSK	1	108	24.41	24.50	24.45	25.5	0.0
40	1/2 BPSK	1	214	24.68	24.81	24.60		
40	1/2 BPSK	108	0	23.88	24.04	23.94	25.0	0.5
40	1/2 BPSK	108	54	24.55	24.57	24.43	25.5	0.0
40	1/2 BPSK	108	108	23.99	24.17	24.06	25.0	0.5
40	1/2 BPSK	216	0	23.62	23.61	23.59		
40	QPSK	1	1	24.71	24.82	24.75		
40	QPSK	1	108	24.49	24.60	24.39	25.5	0.0
40	QPSK	1	214	24.75	24.81	24.55		
40	QPSK	108	0	23.47	23.59	23.39	24.5	1.0
40	QPSK	108	54	24.51	24.79	24.61	25.5	0.0
40	QPSK	108	108	23.52	23.54	23.49		
40	QPSK	216	0	23.49	23.75	23.62	24.5	1.0
40	16QAM	1	1	23.33	23.41	23.22	24.5	1.0
40	16QAM	1	1	21.67	21.91	21.82	23.0	2.5
40	256QAM	1	1	19.92	19.93	19.82	21.0	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	24.69	24.74	24.58	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	24.58	24.65	24.67	25.5	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	24.63	24.78	24.58	25.5	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	24.68	24.79	24.68	25.5	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	24.54	24.75	24.59	25.5	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	24.59	24.69	24.62	25.5	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	24.57	24.78	24.62	25.5	0.0

n38 Ant2 DSI4 Main PA								
BW [MHz]	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	25.5	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	24.56	24.62	24.47		
40	1/2 BPSK	1	53	24.18	24.35	24.20		
40	1/2 BPSK	1	104	24.23	24.29	24.21	25.0	0.5
40	1/2 BPSK	50	0	23.94	23.97	23.81		
40	1/2 BPSK	50	28	24.40	24.44	24.30		
40	1/2 BPSK	50	59	23.76	23.81	23.74		
40	1/2 BPSK	100	0	23.96	23.98	23.82	25.0	0.5
40	QPSK	1	1	24.50	24.62	24.58		
40	QPSK	1	53	24.30	24.45	24.34		
40	QPSK	1	104	24.33	24.36	24.24		
40	QPSK	50	0	23.35	23.47	23.36	24.5	1.0
40	QPSK	50	28	24.36	24.52	24.45		
40	QPSK	50	59	23.13	23.26	23.21		
40	QPSK	100	0	23.36	23.45	23.34		
40	16QAM	1	1	23.36	23.45	23.31	24.5	1.0
40	64QAM	1	1	21.74	21.91	21.77		
40	256QAM	1	1	19.78	19.87	19.74		
40	256QAM	1	1	19.78	19.87	19.74		
Channel				517002	519000	520998	Tune-up	MPR
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)
30	QPSK	1	1	24.50	24.50	24.43	25.5	0.0
Channel				516504	519000	521496	Tune-up	MPR
Frequency (MHz)				2582.52	2595	2607.48	limit	(dB)
25	QPSK	1	1	24.47	24.61	24.45	25.5	0.0
Channel				516000	519000	522000	Tune-up	MPR
Frequency (MHz)				2580	2595	2610	limit	(dB)
20	QPSK	1	1	24.45	24.59	24.50	25.5	0.0
Channel				515502	519000	522498	Tune-up	MPR
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)
15	QPSK	1	1	24.51	24.58	24.42	25.5	0.0
Channel				515004	519000	522996	Tune-up	MPR
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)
10	QPSK	1	1	24.50	24.58	24.52	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	25.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	24.51	24.62	24.44		
100	1/2 BPSK	1	137	24.14	24.31	24.13		
100	1/2 BPSK	1	271	24.25	24.23	24.20	25.0	0.5
100	1/2 BPSK	135	0	23.87	23.94	23.78		
100	1/2 BPSK	135	69	24.42	24.47	24.37		
100	1/2 BPSK	135	138	23.81	23.84	23.70		
100	1/2 BPSK	270	0	23.93	23.87	23.76	25.0	0.5
100	QPSK	1	1	24.56	24.55	24.60		
100	QPSK	1	137	24.32	24.41	24.39		
100	QPSK	1	271	24.33	24.42	24.27		
100	QPSK	135	0	23.31	23.45	23.37	24.5	1.0
100	QPSK	135	69	24.34	24.59	24.52		
100	QPSK	135	138	23.11	23.19	23.10		
100	QPSK	270	0	23.44	23.55	23.28		
100	16QAM	1	1	23.40	23.47	23.26	24.5	1.0
100	64QAM	1	1	21.67	21.99	21.76		
100	256QAM	1	1	19.85	19.81	19.69		
100	256QAM	1	1	19.85	19.81	19.69		
Channel				508203	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	QPSK	1	1	24.46	24.59	24.52	25.5	0.0
Channel				507204	518598	529998	Tune-up	MPR
Frequency (MHz)				2533.02	2592.99	2649.99	limit	(dB)
80	QPSK	1	1	24.49	24.54	24.44	25.5	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)
70	QPSK	1	1	24.51	24.63	24.48	25.5	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2529	2592.99	2659.98	limit	(dB)
60	QPSK	1	1	24.44	24.62	24.54	25.5	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)
50	QPSK	1	1	24.52	24.47	24.53	25.5	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	QPSK	1	1	24.46	24.63	24.56	25.5	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	QPSK	1	1	24.42	24.48	24.57	25.5	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
25	QPSK	1	1	24.53	24.60	24.55	0.0	0.0
Channel				501204	518598	535998	Tune-up	MPR
Frequency (MHz)				2606.02	2592.99	2679.99	limit	(dB)
20	QPSK	1	1	24.48	24.61	24.43	25.5	0.0
Channel				500700	518598	536496	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	QPSK	1	1	24.51	24.53	24.43	25.5	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	QPSK	1	1	24.40	24.55	24.54	25.5	0.0

n2 Ant3 DSI4 Main PA

BW [MHz]	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)				1670	1880	1890		
40	1/2 BPSK	1	1	23.32	23.47	23.36	25.0	0.0
40	1/2 BPSK	1	108	23.28	23.38	23.22		
40	1/2 BPSK	1	214	23.41	23.50	23.33		
40	1/2 BPSK	108	0	22.60	22.72	22.69	24.5	0.5
40	1/2 BPSK	108	54	23.14	23.29	23.13	25.0	0.0
40	1/2 BPSK	108	108	22.77	22.89	22.83	24.5	0.5
40	1/2 BPSK	216	0	22.93	22.98	22.84		
40	QPSK	1	1	23.46	23.51	23.45		
40	QPSK	1	108	23.33	23.40	23.24	25.0	0.0
40	QPSK	1	214	23.37	23.46	23.43		
40	QPSK	108	0	22.38	22.43	22.38	24.0	1.0
40	QPSK	108	54	23.33	23.48	23.38	25.0	0.0
40	QPSK	108	108	22.40	22.50	22.47		
40	QPSK	216	0	22.40	22.52	22.35	24.0	1.0
40	16QAM	1	1	22.11	22.27	22.21	24.0	1.0
40	64QAM	1	1	20.70	20.80	20.75	22.5	2.5
40	256QAM	1	1	18.83	18.87	18.80	20.5	4.5
Channel				372500	376000	378500	Tune-up	MPR
Frequency (MHz)				1867.5	1880	1892.5	limit	(dB)
35	QPSK	1	1	23.45	23.40	23.29	0.0	0.0
Channel				373000	376000	379000	Tune-up	MPR
Frequency (MHz)				1865	1880	1895	limit	(dB)
30	QPSK	1	1	23.32	23.46	23.41	25.0	0.0
Channel				372500	376000	379500	Tune-up	MPR
Frequency (MHz)				1862.5	1880	1897.5	limit	(dB)
25	QPSK	1	1	23.37	23.48	23.35	0.0	0.0
Channel				372000	376000	380000	Tune-up	MPR
Frequency (MHz)				1860	1880	1900	limit	(dB)
20	QPSK	1	1	23.45	23.37	23.41	0.0	0.0
Channel				371500	376000	380500	Tune-up	MPR
Frequency (MHz)				1857.5	1880	1902.5	limit	(dB)
15	QPSK	1	1	23.31	23.44	23.40	25.0	0.0
Channel				371000	376000	381000	Tune-up	MPR
Frequency (MHz)				1855	1880	1905	limit	(dB)
10	QPSK	1	1	23.44	23.42	23.28	25.0	0.0
Channel				370500	376000	381500	Tune-up	MPR
Frequency (MHz)				1852.5	1880	1907.5	limit	(dB)
5	QPSK	1	1	23.37	23.46	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	23.46	23.53	23.40	25.0	0.0
40	1/2 BPSK	1	108	23.41	23.56	23.30		
40	1/2 BPSK	1	214	23.58	23.55	23.46		
40	1/2 BPSK	108	0	22.72	22.87	22.76	24.5	0.5
40	1/2 BPSK	108	54	23.19	23.37	23.19	25.0	0.0
40	1/2 BPSK	108	108	22.83	22.93	22.93	24.5	0.5
40	1/2 BPSK	216	0	22.95	23.07	22.89		
40	QPSK	1	1	23.56	23.52	23.54		
40	QPSK	1	108	23.50	23.50	23.32	25.0	0.0
40	QPSK	1	214	23.52	23.51	23.56		
40	QPSK	108	0	22.41	22.60	22.46	24.0	1.0
40	QPSK	108	54	23.41	23.55	23.51	25.0	0.0
40	QPSK	108	108	22.45	22.66	22.52		
40	QPSK	216	0	22.49	22.62	22.43	24.0	1.0
40	16QAM	1	1	22.20	22.43	22.24	24.0	1.0
40	64QAM	1	1	20.73	20.84	20.88	22.5	2.5
40	256QAM	1	1	18.86	18.97	18.98	20.5	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	23.51	23.52	23.44	25.0	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	23.45	23.55	23.51	25.0	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	23.52	23.52	23.52	25.0	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	1/2 BPSK	1	1	23.46	23.45	23.38	25.0	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	23.42	23.57	23.46	25.0	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	23.56	23.55	23.41	25.0	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2572.5	limit	(dB)
5	QPSK	1	1	23.50	23.56	23.53	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	23.51	23.67	23.54	25.0	0.0
40	1/2 BPSK	1	108	23.53	23.59	23.49		
40	1/2 BPSK	1	214	23.62	23.65	23.50		
40	1/2 BPSK	108	0	22.85	22.88	22.83	24.5	0.5
40	1/2 BPSK	108	54	23.35	23.54	23.39	25.0	0.0
40	1/2 BPSK	108	108	22.94	23.03	23.00	24.5	0.5
40	1/2 BPSK	216	0	23.10	23.24	23.00		
40	QPSK	1	1	23.74	23.75	23.71		
40	QPSK	1	108	23.55	23.53	23.49	25.0	0.0
40	QPSK	1	214	23.64	23.72	23.59		
40	QPSK	108	0	22.53	22.61	22.56	24.0	1.0
40	QPSK	108	54	23.52	23.69	23.52	25.0	0.0
40	QPSK	108	108	22.55	22.65	22.64		
40	QPSK	216	0	22.58	22.66	22.62	24.0	1.0
40	16QAM	1	1	22.25	22.47	22.41	24.0	1.0
40	64QAM	1	1	20.94	20.97	20.96	22.5	2.5
40	256QAM	1	1	18.96	19.04	18.93	20.5	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	23.62	23.68	23.58	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	23.63	23.71	23.54	25.0	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	23.69	23.69	23.68	25.0	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	23.56	23.60	23.62	25.0	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	23.69	23.62	23.68	25.0	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	23.61	23.69	23.64	25.0	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	23.68	23.67	23.55	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	23.49	23.66	23.61		
40	1/2 BPSK	1	53	23.42	23.53	23.39	25.0	0.0
40	1/2 BPSK	1	104	23.58	23.70	23.50		
40	1/2 BPSK	50	0	22.76	22.99	22.87	24.5	0.5
40	1/2 BPSK	50	28	23.38	23.54	23.29	25.0	0.0
40	1/2 BPSK	50	59	23.00	23.03	23.05		
40	1/2 BPSK	100	0	23.17	23.18	23.09	24.5	0.5
40	QPSK	1	1	23.08	23.71	23.65		
40	QPSK	1	53	23.45	23.66	23.40	25.0	0.0
40	QPSK	1	104	23.53	23.69	23.59		
40	QPSK	50	0	22.54	22.61	22.65	24.0	1.0
40	QPSK	50	28	23.48	23.68	23.59	25.0	0.0
40	QPSK	50	59	22.53	22.66	22.61	24.0	1.0
40	QPSK	100	0	22.56	22.71	22.61		
40	16QAM	1	1	22.36	22.48	22.46	24.0	1.0
40	64QAM	1	1	20.88	20.97	20.90	22.5	2.5
40	256QAM	1	1	19.00	19.14	19.06	20.5	4.5
Channel				517002	519000	520998	Tune-up	MPR
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)
30	QPSK	1	1	23.65	23.66	23.55	25.0	0.0
Channel				516504	519000	521496	Tune-up	MPR
Frequency (MHz)				2582.52	2595	2607.48	limit	(dB)
25	QPSK	1	1	23.61	23.68	23.63	25.0	0.0
Channel				516000	519000	522000	Tune-up	MPR
Frequency (MHz)				2580	2595	2610	limit	(dB)
20	QPSK	1	1	23.50	23.69	23.61	25.0	0.0
Channel				515502	519000	522498	Tune-up	MPR
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)
15	QPSK	1	1	23.59	23.64	23.52	25.0	0.0
Channel				515004	519000	522996	Tune-up	MPR
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)
10	QPSK	1	1	23.54	23.68	23.53	25.0	0.0

n41 Ant3 DSI4 Main PA

BW [MHz]	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	23.55	23.75	23.70		
100	1/2 BPSK	1	137	23.57	23.70	23.47	25.0	0.0
100	1/2 BPSK	1	271	23.67	23.81	23.54		
100	1/2 BPSK	135	0	22.81	23.07	22.90	24.5	0.5
100	1/2 BPSK	135	69	23.42	23.72	23.36	25.0	0.0
100	1/2 BPSK	135	138	23.19	23.18	23.10		
100	1/2 BPSK	270	0	23.21	23.27	23.14	24.5	0.5
100	QPSK	1	1	23.72	23.83	23.82		
100	QPSK	1	137	23.59	23.81	23.55	25.0	0.0
100	QPSK	1	271	23.63	23.81	23.73		
100	QPSK	135	0	22.69	22.72	22.84	24.0	1.0
100	QPSK	135	69	23.52	23.78	23.75	25.0	0.0
100	QPSK	135	138	22.69	22.84	22.78	24.0	1.0
100	QPSK	270	0	22.65	22.54	22.76		
100	16QAM	1	1	22.41	22.52	22.61	24.0	1.0
100	64QAM	1	1	21.02	21.10	21.09	22.5	2.5
100	256QAM	1	1	19.08	19.21	19.14	20.5	4.5
Channel				508200	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	QPSK	1	1	23.42	23.59	23.59	25.0	0.0
Channel				507204	518598	529998	Tune-up	MPR
Frequency (MHz)				2533.02	2592.99	2649.99	limit	(dB)
80	QPSK	1	1	23.48	23.59	23.49	25.0	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)
70	QPSK	1	1	23.47	23.55	23.51	25.0	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2529	2592.99	2659.98	limit	(dB)
60	QPSK	1	1	23.42	23.57	23.53	25.0	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)
50	QPSK	1	1	23.54	23.46	23.47	25.0	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	QPSK	1	1	23.49	23.57	23.50	25.0	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	QPSK	1	1	23.43	23.55	23.50	25.0	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
25	QPSK	1	1	23.54	23.54	23.53	0.0	0.0
Channel				501204	518598	535998	Tune-up	MPR
Frequency (MHz)				2606.02	2602.99	2679.99	limit	(dB)
20	QPSK	1	1	23.47	23.53	23.47	25.0	0.0
Channel				500700	518598	536496	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	QPSK	1	1	23.42	23.60	23.43	25.0	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	QPSK	1	1	23.53	23.57	23.49	25.0	0.0

n7 Ant4 DSI4 Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	1/2 BPSK	1	1	23.56	23.74	23.59	25.0	0.0	
40	1/2 BPSK	1	108	23.65	23.68	23.59			
40	1/2 BPSK	1	214	23.61	23.66	23.64			
40	1/2 BPSK	108	0	23.07	23.18	23.06	24.5	0.5	
40	1/2 BPSK	108	54	23.62	23.73	23.58	25.0	0.0	
40	1/2 BPSK	108	108	22.92	23.07	22.91	24.5	0.5	
40	1/2 BPSK	216	0	22.99	23.06	22.97			
40	QPSK	1	1	23.72	23.75	23.74			
40	QPSK	1	108	23.52	23.67	23.63	25.0	0.0	
40	QPSK	1	214	23.61	23.74	23.57	24.0	1.0	
40	QPSK	108	0	22.51	22.67	22.52			
40	QPSK	108	54	23.62	23.73	23.67			
40	QPSK	108	108	22.56	22.65	22.61	24.0	1.0	
40	QPSK	216	0	22.66	22.71	22.67	24.0	1.0	
40	16QAM	1	1	22.46	22.56	22.53			
40	64QAM	1	1	20.88	20.99	20.96			
40	256QAM	1	1	18.93	19.05	19.02	23.5	4.5	
Channel				503500	507000	510500	Tune-up	MPR	
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)	
35	QPSK	1	1	23.67	23.71	23.69	25.0	0.0	
Channel				503000	507000	511000	Tune-up	MPR	
Frequency (MHz)				2515	2535	2555	limit	(dB)	
30	QPSK	1	1	23.61	23.69	23.57	25.0	0.0	
Channel				502500	507000	511500	Tune-up	MPR	
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)	
25	QPSK	1	1	23.57	23.58	23.57	25.0	0.0	
Channel				502000	507000	512000	Tune-up	MPR	
Frequency (MHz)				2510	2535	2560	limit	(dB)	
20	1/2 BPSK	1	1	23.65	23.72	23.63	25.0	0.0	
Channel				501500	507000	512500	Tune-up	MPR	
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)	
15	QPSK	1	1	23.63	23.70	23.60	25.0	0.0	
Channel				501000	507000	513000	Tune-up	MPR	
Frequency (MHz)				2505	2535	2565	limit	(dB)	
10	QPSK	1	1	23.63	23.69	23.64	25.0	0.0	
Channel				500500	507000	513500	Tune-up	MPR	
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)	
5	QPSK	1	1	23.60	23.68	23.64	25.0	0.0	

n66 Ant4 DSI4 Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	1/2 BPSK	1	1	23.64	23.90	23.70	25.0	0.0	
40	1/2 BPSK	1	108	23.75	23.71	23.76			
40	1/2 BPSK	1	214	23.78	23.83	23.69			
40	1/2 BPSK	108	0	23.13	23.34	23.10	24.5	0.5	
40	1/2 BPSK	108	54	23.77	23.89	23.68	25.0	0.0	
40	1/2 BPSK	108	108	23.06	23.25	22.98	24.5	0.5	
40	1/2 BPSK	216	0	23.04	23.19	23.07			
40	QPSK	1	1	23.84	23.92	23.89			
40	QPSK	1	108	23.60	23.79	23.79	25.0	0.0	
40	QPSK	1	214	23.69	23.83	23.61	24.0	1.0	
40	QPSK	108	0	22.63	22.81	22.55			
40	QPSK	108	54	23.76	23.89	23.77			
40	QPSK	108	108	22.68	22.80	22.63	24.0	1.0	
40	QPSK	216	0	22.79	22.81	22.78	24.0	1.0	
40	16QAM	1	1	22.62	22.61	22.59			
40	64QAM	1	1	21.02	21.13	21.11			
40	256QAM	1	1	19.08	19.17	19.06	23.5	4.5	
Channel				345500	349000	352500	Tune-up	MPR	
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)	
35	QPSK	1	1	23.79	23.89	23.74	0.0	0.0	
Channel				345000	349000	353000	Tune-up	MPR	
Frequency (MHz)				1725	1745	1765	limit	(dB)	
30	QPSK	1	1	23.77	23.78	23.78	25.0	0.0	
Channel				344500	349000	353500	Tune-up	MPR	
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)	
25	QPSK	1	1	23.74	23.82	23.83	25.0	0.0	
Channel				344000	349000	354000	Tune-up	MPR	
Frequency (MHz)				1720	1745	1760	limit	(dB)	
20	QPSK	1	1	23.74	23.82	23.78	25.0	0.0	
Channel				343500	349000	354500	Tune-up	MPR	
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)	
15	QPSK	1	1	23.79	23.83	23.84	25.0	0.0	
Channel				343000	349000	355000	Tune-up	MPR	
Frequency (MHz)				1715	1745	1775	limit	(dB)	
10	QPSK	1	1	23.78	23.86	23.82	25.0	0.0	
Channel				342500	349000	355500	Tune-up	MPR	
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)	
5	QPSK	1	1	23.78	23.75	23.74	25.0	0.0	

n38 Ant4 DSI4 Main PA

BW [MHz]	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	23.76	23.78	23.60		
40	1/2 BPSK	1	53	23.45	23.62	23.50	25.0	0.0
40	1/2 BPSK	1	104	23.51	23.58	23.49		
40	1/2 BPSK	50	0	23.08	23.18	23.08	24.5	0.5
40	1/2 BPSK	50	28	23.55	23.69	23.65	25.0	0.0
40	1/2 BPSK	50	58	22.95	23.09	23.03		
40	1/2 BPSK	100	0	22.99	23.11	22.94	24.5	0.5
40	QPSK	1	1	23.76	23.81	23.75		
40	QPSK	1	53	23.65	23.74	23.71	25.0	0.0
40	QPSK	1	104	23.47	23.58	23.45		
40	QPSK	50	0	22.80	22.83	22.73	24.0	1.0
40	QPSK	50	28	23.60	23.78	23.71	25.0	0.0
40	QPSK	50	58	22.46	22.58	22.50		
40	QPSK	100	0	22.62	22.79	22.70	24.0	1.0
40	16QAM	1	1	22.65	22.67	22.64	24.0	1.0
40	64QAM	1	1	21.11	21.17	21.08	22.5	2.5
40	256QAM	1	1	18.97	19.09	19.06	20.5	4.5
Channel				517002	519000	520998	Tune-up	MPR
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)
30	QPSK	1	1	23.60	23.73	23.65	25.0	0.0
Channel				516504	519000	521496	Tune-up	MPR
Frequency (MHz)				2582.52	2595	2607.48	limit	(dB)
25	QPSK	1	1	23.62	23.75	23.73	25.0	0.0
Channel				516000	519000	522000	Tune-up	MPR
Frequency (MHz)				2580	2595	2610	limit	(dB)
20	QPSK	1	1	23.60	23.65	23.68	25.0	0.0
Channel				515502	519000	522498	Tune-up	MPR
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)
15	QPSK	1	1	23.65	23.69	23.69	25.0	0.0
Channel				515004	519000	522996	Tune-up	MPR
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)
10	QPSK	1	1	23.65	23.70	23.58	25.0	0.0

n41 Ant4 DSI4 Main PA

BW [MHz]	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	23.83	23.81	23.54		
100	1/2 BPSK	1	137	23.38	23.64	23.54	25.0	0.0
100	1/2 BPSK	1	271	23.46	23.53	23.41		
100	1/2 BPSK	135	0	23.02	23.19	23.04	24.5	0.5
100	1/2 BPSK	135	69	23.53	23.68	23.68	25.0	0.0
100	1/2 BPSK	135	138	22.93	23.16	23.00		
100	1/2 BPSK	270	0	22.98	23.16	22.87	24.5	0.5
100	QPSK	1	1	23.83	23.85	23.81		
100	QPSK	1	137	23.66	23.69	23.65	25.0	0.0
100	QPSK	1	271	23.51	23.57	23.47		
100	QPSK	135	0	22.75	22.84	22.75	24.0	1.0
100	QPSK	135	69	23.68	23.81	23.70	25.0	0.0
100	QPSK	135	138	22.40	22.65	22.49		
100	QPSK	270	0	22.60	22.79	22.76	24.0	1.0
100	16QAM	1	1	22.62	22.67	22.61	24.0	1.0
100	64QAM	1	1	21.10	21.18	21.11	22.5	2.5
100	256QAM	1	1	18.92	19.03	19.07	20.5	4.5
Channel				508200	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	QPSK	1	1	23.81	23.67	23.65	25.0	0.0
Channel				507204	518598	529998	Tune-up	MPR
Frequency (MHz)				2538.02	2592.99	2648.99	limit	(dB)
80	QPSK	1	1	23.73	23.79	23.77	25.0	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)
70	QPSK	1	1	23.75	23.73	23.70	25.0	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2529.99	2592.99	2659.98	limit	(dB)
60	QPSK	1	1	23.74	23.81	23.69	25.0	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)
50	QPSK	1	1	23.69	23.69	23.67	25.0	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	QPSK	1	1	23.79	23.77	23.77	25.0	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	QPSK	1	1	23.69	23.77	23.73	25.0	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
25	QPSK	1	1	23.74	23.82	23.63	0.0	0.0
Channel				501204	518598	535998	Tune-up	MPR
Frequency (MHz)				2606.02	2592.99	2679.99	limit	(dB)
20	QPSK	1	1	23.76	23.82	23.69	25.0	0.0
Channel				500700	518598	536496	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	QPSK	1	1	23.68	23.71	23.69	25.0	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	QPSK	1	1	23.72	23.79	23.71	25.0	0.0

n7 Ant5 DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	20.79	20.89	20.80	22.0	0.0
40	1/2 BPSK	1	108	20.84	20.88	20.80		
40	1/2 BPSK	1	214	20.82	20.94	20.77		
40	1/2 BPSK	108	0	20.35	20.38	20.28	21.5	0.5
40	1/2 BPSK	108	54	20.82	20.92	20.74	22.0	0.0
40	1/2 BPSK	108	108	20.38	20.41	20.32	21.5	0.5
40	1/2 BPSK	216	0	20.33	20.37	20.21		
40	QPSK	1	1	20.98	21.02	20.93		
40	QPSK	1	108	20.86	20.88	20.79	22.0	0.0
40	QPSK	1	214	20.90	20.96	20.90		
40	QPSK	108	0	19.80	19.83	19.70	21.0	1.0
40	QPSK	108	54	20.79	20.97	20.95	22.0	0.0
40	QPSK	108	108	19.87	19.79	19.74	21.0	1.0
40	QPSK	216	0	19.85	19.92	19.89		
40	16QAM	1	1	19.63	19.74	19.60		
40	64QAM	1	1	18.02	18.15	18.08	19.5	2.5
40	256QAM	1	1	16.99	16.18	16.03	17.5	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	20.96	20.94	20.86	22.0	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	20.91	20.90	20.90	22.0	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	20.90	20.98	20.76	22.0	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	1/2 BPSK	1	1	20.96	20.98	20.84	22.0	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	20.88	20.97	20.79	22.0	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	20.84	20.88	20.79	22.0	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	20.82	20.90	20.86	22.0	0.0

n66 Ant5 DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	21.75	21.96	21.83	22.5	0.0
40	1/2 BPSK	1	108	21.87	21.87	21.87		
40	1/2 BPSK	1	214	21.83	21.90	21.83		
40	1/2 BPSK	108	0	21.30	21.35	21.21	22.0	0.5
40	1/2 BPSK	108	54	21.85	21.86	21.80	22.5	0.0
40	1/2 BPSK	108	108	21.31	21.49	21.32	22.0	0.5
40	1/2 BPSK	216	0	21.31	21.43	21.15		
40	QPSK	1	1	21.95	21.99	21.92		
40	QPSK	1	108	21.80	21.89	21.72	22.5	0.0
40	QPSK	1	214	21.91	21.89	21.88		
40	QPSK	108	0	20.77	20.76	20.70	21.5	1.0
40	QPSK	108	54	21.75	21.95	21.91	22.5	0.0
40	QPSK	108	108	20.88	20.71	20.70	21.5	1.0
40	QPSK	216	0	20.82	20.93	20.88		
40	16QAM	1	1	20.59	20.80	20.59		
40	64QAM	1	1	19.15	19.16	19.04	20.0	2.5
40	256QAM	1	1	17.09	17.19	17.08	18.0	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	21.91	21.81	21.84	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	21.77	21.90	21.84	22.5	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	21.87	21.87	21.86	22.5	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	21.89	21.83	21.80	22.5	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	21.87	21.89	21.83	22.5	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	21.83	21.83	21.90	22.5	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	21.78	21.83	21.75	22.5	0.0

n38 Ant5 DSI4 Main PA									
BW [MHz]	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	22.0	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	20.83	20.98	20.85			
40	1/2 BPSK	1	53	20.81	20.85	20.77			
40	1/2 BPSK	1	104	20.83	20.79	20.74	21.5	0.5	
40	1/2 BPSK	50	0	20.28	20.34	20.17			
40	1/2 BPSK	50	28	20.84	20.92	20.89			
40	1/2 BPSK	50	58	20.12	20.29	20.27			
40	1/2 BPSK	100	0	20.28	20.35	20.20	21.5	0.5	
40	QPSK	1	1	21.02	21.03	20.98			
40	QPSK	1	53	20.73	20.82	20.68			
40	QPSK	1	104	20.59	20.68	20.64			
40	QPSK	50	0	19.68	19.83	19.68	21.0	1.0	
40	QPSK	50	28	20.80	20.84	20.69			
40	QPSK	50	58	19.48	19.63	19.50			
40	QPSK	100	0	19.66	19.78	19.63			
40	16QAM	1	1	20.62	20.71	20.66	21.0	1.0	
40	64QAM	1	1	18.02	18.17	18.07			
40	256QAM	1	1	16.09	16.22	16.06			
40	256QAM	1	1	16.09	16.22	16.06			
Channel				517002	519000	520998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	20.88	20.97	20.83			
Channel				516504	519000	521496			
Frequency (MHz)				2592.52	2595	2607.48	Tune-up limit (dB)	MPR	
25	QPSK	1	1	20.89	20.88	20.87			
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	20.95	20.90	20.85	22.0	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	20.91	20.88	20.92			
Channel				515004	519000	522996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	20.97	20.91	20.87			

n41 Ant5 DSI4 Main PA									
BW [MHz]	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	22.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	20.78	20.91	20.80			
100	1/2 BPSK	1	137	20.84	20.80	20.77			
100	1/2 BPSK	1	271	20.81	20.81	20.77	21.5	0.5	
100	1/2 BPSK	135	0	20.23	20.38	20.25			
100	1/2 BPSK	135	69	20.91	20.99	20.85			
100	1/2 BPSK	135	138	20.17	20.28	20.22			
100	1/2 BPSK	270	0	20.28	20.40	20.15	22.0	0.0	
100	QPSK	1	1	21.01	21.05	21.02			
100	QPSK	1	137	20.78	20.84	20.63			
100	QPSK	1	271	20.59	20.62	20.72			
100	QPSK	135	0	19.69	19.78	19.62	21.0	1.0	
100	QPSK	135	69	20.93	20.88	20.96			
100	QPSK	135	138	19.52	19.62	19.58			
100	QPSK	270	0	19.95	19.98	19.93			
100	16QAM	1	1	20.69	20.72	20.61	21.0	1.0	
100	64QAM	1	1	18.09	18.12	18.02			
100	256QAM	1	1	16.14	16.16	16.12			
100	256QAM	1	1	16.14	16.16	16.12			
Channel				508200	518598	528998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	20.95	20.95	20.95			
Channel				507204	518598	529998			
Frequency (MHz)				2533.02	2592.99	2649.99	Tune-up limit (dB)	MPR	
80	QPSK	1	1	20.90	21.02	20.90			
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	20.98	20.93	20.95	22.0	0.0	
Channel				505200	518598	531998			
Frequency (MHz)				2529	2592.99	2659.98			
60	QPSK	1	1	20.99	20.99	20.86			
Channel				504204	518598	532998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	20.88	20.89	20.95			
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670	Tune-up limit (dB)	MPR	
40	QPSK	1	1	20.95	21.00	20.89			
Channel				502200	518598	534998			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	20.95	20.87	20.86	22.0	0.0	
Channel				502200	518598	534998			
Frequency (MHz)				2511	2592.99	2674.98			
25	QPSK	1	1	20.94	20.88	20.99			
Channel				501204	518598	535998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2666.02	2592.99	2679.99			
20	QPSK	1	1	20.89	20.96	20.95			
Channel				500700	518598	536498			
Frequency (MHz)				2503.5	2592.99	2682.48	Tune-up limit (dB)	MPR	
15	QPSK	1	1	20.94	20.95	20.99			
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	20.86	20.88	20.96	22.0	0.0	

n48 Part96 Ant6 DSI4 Main PA

BW [MHz]	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	17.26	17.38	17.17		
40	1/2 BPSK	1	53	17.30	17.29	17.21	18.2	0.0
40	1/2 BPSK	1	104	17.31	17.38	17.19		
40	1/2 BPSK	50	0	17.16	17.35	17.18	18.2	0.0
40	1/2 BPSK	50	28	17.31	17.41	17.15	18.2	0.0
40	1/2 BPSK	50	56	17.13	17.20	17.11		
40	1/2 BPSK	100	0	17.12	17.34	17.23	18.2	0.0
40	QPSK	1	1	17.33	17.43	17.36		
40	QPSK	1	53	17.27	17.31	17.28	18.2	0.0
40	QPSK	1	104	17.20	17.37	17.23		
40	QPSK	50	0	17.27	17.30	17.28	18.2	0.0
40	QPSK	50	28	17.27	17.40	17.37	18.2	0.0
40	QPSK	50	56	17.23	17.34	17.35	18.2	0.0
40	QPSK	100	0	17.32	17.36	17.26	18.2	0.0
40	16QAM	1	1	17.30	17.28	17.12	18.2	0.0
40	64QAM	1	1	17.23	17.25	17.16	18.2	0.0
40	256QAM	1	1	17.32	17.40	17.25	18.2	0.0
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	17.29	17.38	17.38	18.2	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	17.33	17.42	17.40	18.2	0.0
Channel				637168	641666	646168	Tune-up	MPR
Frequency (MHz)				3557.62	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	17.37	17.35	17.39	18.2	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	17.32	17.33	17.36	18.2	0.0

Part270 n77 Ant6 DSI4 Main PA

BW [MHz]	Modulation	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	18.20	18.32	18.25		
100	1/2 BPSK	1	137	18.14	18.39	18.27	18.7	0.0
100	1/2 BPSK	1	271	18.22	18.39	18.34		
100	1/2 BPSK	135	0	18.19	18.36	18.35	18.7	0.0
100	1/2 BPSK	135	69	18.16	18.31	18.26	18.7	0.0
100	1/2 BPSK	135	138	18.16	18.41	18.29		
100	1/2 BPSK	270	0	18.12	18.39	18.29	18.7	0.0
100	QPSK	1	1	18.25	18.45	18.37		
100	QPSK	1	137	18.11	18.38	18.21	18.7	0.0
100	QPSK	1	271	18.02	18.28	18.19		
100	QPSK	135	0	18.18	18.32	18.22	18.7	0.0
100	QPSK	135	69	18.41	18.43	18.41	18.7	0.0
100	QPSK	135	138	18.15	18.41	18.21	18.7	0.0
100	QPSK	270	0	18.38	18.43	18.41		
100	16QAM	1	1	18.28	18.41	18.39	18.7	0.0
100	64QAM	1	1	18.11	18.43	18.26	18.7	0.0
100	256QAM	1	1	18.21	18.37	18.21	18.7	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	18.20	18.40	18.32	18.7	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	18.22	18.43	18.27	18.7	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	18.22	18.42	18.32	18.7	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	18.24	18.41	18.27	18.7	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	18.23	18.44	18.29	18.7	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3950	limit	(dB)
40	QPSK	1	1	18.24	18.42	18.32	18.7	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	18.25	18.43	18.28	18.7	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	18.23	18.43	18.29	18.7	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	18.24	18.41	18.29	18.7	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	18.21	18.44	18.27	18.7	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	18.23	18.42	18.31	18.7	0.0

Part270 n77 PC2 Ant6 DSI4 Main PA

BW [MHz]	Modulation	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	21.10	21.39	21.40		
100	1/2 BPSK	1	137	21.07	21.33	21.31	22.0	0.0
100	1/2 BPSK	1	271	21.11	21.37	21.25		
100	1/2 BPSK	135	0	21.43	21.47	21.47	22.0	0.0
100	1/2 BPSK	135	69	21.09	21.39	21.27	22.0	0.0
100	1/2 BPSK	135	138	21.19	21.46	21.32		
100	1/2 BPSK	270	0	21.06	21.44	21.22	22.0	0.0
100	QPSK	1	1	21.14	21.48	21.44		
100	QPSK	1	137	21.14	21.42	21.27	22.0	0.0
100	QPSK	1	271	20.99	21.37	21.19		
100	QPSK	135	0	21.09	21.38	21.23	22.0	0.0
100	QPSK	135	69	21.19	21.45	21.40	22.0	0.0
100	QPSK	135	138	21.17	21.42	21.31	22.0	0.0
100	QPSK	270	0	21.14	21.41	21.31		
100	16QAM	1	1	21.07	21.43	21.32	22.0	0.0
100	64QAM	1	1	21.00	21.35	21.24	22.0	0.0
100	256QAM	1	1	20.85	20.91	20.88	22.0	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	21.46	21.33	21.24	22.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	21.45	21.32	21.35	22.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	21.36	21.34	21.26	22.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	21.33	21.32	21.28	22.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	21.44	21.38	21.26	22.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3950	limit	(dB)
40	QPSK	1	1	21.37	21.33	21.23	22.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	21.41	21.32	21.29	22.0	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	21.35	21.37	21.29	22.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	21.33	21.38	21.28	22.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	21.40	21.37	21.34	22.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	21.43	21.41	21.33	22.0	0.0

Part27Q n77 Ant6 DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334		3500.01		
Frequency (MHz)				18.40				
100	1/2 BPSK	1	1		18.40			
100	1/2 BPSK	1	137		18.36		18.7	0.0
100	1/2 BPSK	1	271		18.42			
100	1/2 BPSK	135	0		18.34		18.7	0.0
100	1/2 BPSK	135	69		18.44		18.7	0.0
100	1/2 BPSK	135	138		18.38			
100	1/2 BPSK	270	0		18.38		18.7	0.0
100	QPSK	1	1		18.46			
100	QPSK	1	137		18.37		18.7	0.0
100	QPSK	1	271		18.26			
100	QPSK	135	0		18.28		18.7	0.0
100	QPSK	135	69		18.44		18.7	0.0
100	QPSK	135	138		18.38		18.7	0.0
100	QPSK	270	0		18.43			
100	16QAM	1	1		18.42		18.7	0.0
100	64QAM	1	1		18.42		18.7	0.0
100	256QAM	1	1		18.35		18.7	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3506.02	limit	(dB)
90	QPSK	1	1	18.31	18.30	18.41	18.7	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	18.30	18.27	18.32	18.7	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	18.26	18.28	18.38	18.7	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	18.25	18.34	18.43	18.7	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	18.29	18.34	18.41	18.7	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	18.29	18.29	18.33	18.7	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	18.25	18.29	18.36	18.7	0.0
Channel				630334	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	18.25	18.35	18.34	18.7	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	18.33	18.31	18.43	18.7	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	18.33	18.35	18.43	18.7	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	18.25	18.32	18.40	18.7	0.0

Part27Q n77 PC2 Ant6 DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334		3500.01		
Frequency (MHz)				21.33				
100	1/2 BPSK	1	1		21.33			
100	1/2 BPSK	1	137		21.37		22.0	0.0
100	1/2 BPSK	1	271		21.18			
100	1/2 BPSK	135	0		21.41		22.0	0.0
100	1/2 BPSK	135	69		21.23		22.0	0.0
100	1/2 BPSK	135	138		21.31			
100	1/2 BPSK	270	0		21.26		22.0	0.0
100	QPSK	1	1		21.42			
100	QPSK	1	137		21.44		22.0	0.0
100	QPSK	1	271		21.18			
100	QPSK	135	0		21.21		22.0	0.0
100	QPSK	135	69		21.39		22.0	0.0
100	QPSK	135	138		21.32		22.0	0.0
100	QPSK	270	0		21.37			
100	16QAM	1	1		21.30		22.0	0.0
100	64QAM	1	1		21.18		22.0	0.0
100	256QAM	1	1		20.85		22.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3506.02	limit	(dB)
90	QPSK	1	1	21.32	21.35	21.37	22.0	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	21.30	21.37	21.41	22.0	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	21.27	21.33	21.39	22.0	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	21.23	21.27	21.37	22.0	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	21.24	21.36	21.32	22.0	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	21.30	21.35	21.32	22.0	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	21.24	21.34	21.36	22.0	0.0
Channel				630668	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	21.21	21.26	21.38	22.0	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	21.23	21.33	21.40	22.0	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	21.23	21.26	21.33	22.0	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	21.23	21.27	21.38	22.0	0.0

Part27O n78 Ant6 DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000		3750		
Frequency (MHz)						3750		
100	1/2 BPSK	1	1		17.80		18.7	0.0
100	1/2 BPSK	1	137		17.86			
100	1/2 BPSK	1	271		17.91		18.7	0.0
100	1/2 BPSK	135	0		17.94		18.7	0.0
100	1/2 BPSK	135	69		17.84		18.7	0.0
100	1/2 BPSK	135	138		17.87		18.7	0.0
100	1/2 BPSK	270	0		17.86			
100	QPSK	1	1		17.95			
100	QPSK	1	137		17.86		18.7	0.0
100	QPSK	1	271		17.70			
100	QPSK	135	0		17.87		18.7	0.0
100	QPSK	135	69		17.90		18.7	0.0
100	QPSK	135	138		17.82		18.7	0.0
100	QPSK	270	0		17.91		18.7	0.0
100	16QAM	1	1		17.85		18.7	0.0
100	64QAM	1	1		17.92		18.7	0.0
100	256QAM	1	1		17.94		18.7	0.0
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	17.84	17.92	17.88	18.7	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	17.85	17.91	17.86	18.7	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	17.86	17.88	17.90	18.7	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	17.79	17.94	17.89	18.7	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	17.85	17.91	17.92	18.7	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	17.84	17.93	17.89	18.7	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	17.79	17.88	17.88	18.7	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	17.80	17.93	17.88	18.7	0.0
Channel				647234	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	17.84	17.93	17.89	18.7	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	17.82	17.86	17.89	18.7	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	17.85	17.90	17.94	18.7	0.0

Part270 n78 PC2 Ant6 DSI4 Main PA

BW [MHz]	Modulation	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		21.00				
100	1/2 BPSK	1	137		20.92		22.0	0.0	
100	1/2 BPSK	1	271		20.90				
100	1/2 BPSK	135	0		21.01		22.0	0.0	
100	1/2 BPSK	135	69		20.89		22.0	0.0	
100	1/2 BPSK	135	138		20.97		22.0	0.0	
100	1/2 BPSK	270	0		20.94		22.0	0.0	
100	QPSK	1	1		21.03				
100	QPSK	1	137		20.96		22.0	0.0	
100	QPSK	1	271		20.88				
100	QPSK	135	0		20.75		22.0	0.0	
100	QPSK	135	69		21.01		22.0	0.0	
100	QPSK	135	138		20.87		22.0	0.0	
100	QPSK	270	0		20.93				
100	16QAM	1	1		20.96		22.0	0.0	
100	64QAM	1	1		20.80		22.0	0.0	
100	256QAM	1	1		20.41		22.0	0.0	
Channel				649668	650000	650334	Tune-up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	limit (dB)		
90	QPSK	1	1		20.92	20.93	22.0	0.0	
Channel				649334	650000	650668	Tune-up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	limit (dB)		
80	QPSK	1	1		20.95	20.91	20.98	22.0	0.0
Channel				649000	650000	651000	Tune-up	MPR	
Frequency (MHz)				3735	3750	3765	limit (dB)		
70	QPSK	1	1		20.94	20.85	20.93	22.0	0.0
Channel				648668	650000	651334	Tune-up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	limit (dB)		
60	QPSK	1	1		20.88	20.89	20.69	22.0	0.0
Channel				648334	650000	651668	Tune-up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	limit (dB)		
50	QPSK	1	1		20.90	20.93	20.98	22.0	0.0
Channel				648000	650000	652000	Tune-up	MPR	
Frequency (MHz)				3720	3750	3780	limit (dB)		
40	QPSK	1	1		20.95	20.92	20.89	22.0	0.0
Channel				647668	650000	652334	Tune-up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	limit (dB)		
30	QPSK	1	1		20.95	20.88	20.96	22.0	0.0
Channel				647334	650000	652668	Tune-up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	limit (dB)		
25	QPSK	1	1		20.97	20.92	20.89	22.0	0.0
Channel				647234	650000	652834	Tune-up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	limit (dB)		
20	QPSK	1	1		20.92	20.86	20.94	22.0	0.0
Channel				647168	650000	652834	Tune-up	MPR	
Frequency (MHz)				3707.52	3750	3797.51	limit (dB)		
15	QPSK	1	1		20.86	20.86	20.91	22.0	0.0
Channel				647000	650000	653000	Tune-up	MPR	
Frequency (MHz)				3705	3750	3795	limit (dB)		
10	QPSK	1	1		20.97	20.90	20.91	22.0	0.0

Part27Q n78 Ant6 PA DSI4 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power 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		18.15				
100	1/2 BPSK	1	137		18.10		18.7	0.0	
100	1/2 BPSK	1	271		18.24				
100	1/2 BPSK	135	0		18.22		18.7	0.0	
100	1/2 BPSK	135	69		18.12		18.7	0.0	
100	1/2 BPSK	135	138		18.23		18.7	0.0	
100	1/2 BPSK	270	0		18.24		18.7	0.0	
100	QPSK	1	1		18.36				
100	QPSK	1	137		18.21		18.7	0.0	
100	QPSK	1	271		17.95				
100	QPSK	135	0		18.11		18.7	0.0	
100	QPSK	135	69		18.27		18.7	0.0	
100	QPSK	135	138		18.05		18.7	0.0	
100	QPSK	270	0		18.31		18.7	0.0	
100	16QAM	1	1		18.15		18.7	0.0	
100	64QAM	1	1		18.22		18.7	0.0	
100	256QAM	1	1		18.31		18.7	0.0	
Channel				633000	633334	633668	Tune-up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	limit (dB)		
90	QPSK	1	1		18.28	18.27	18.21	18.7	0.0
Channel				632668	633334	634000	Tune-up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	limit (dB)		
80	QPSK	1	1		18.28	18.34	18.27	18.7	0.0
Channel				632334	633334	634334	Tune-up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit (dB)		
70	QPSK	1	1		18.27	18.30	18.25	18.7	0.0
Channel				632000	633334	634668	Tune-up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	limit (dB)		
60	QPSK	1	1		18.24	18.33	18.29	18.7	0.0
Channel				631668	633334	635000	Tune-up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit (dB)		
50	QPSK	1	1		18.28	18.27	18.25	18.7	0.0
Channel				631334	633334	635334	Tune-up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit (dB)		
40	QPSK	1	1		18.25	18.34	18.26	18.7	0.0
Channel				631000	633334	635668	Tune-up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit (dB)		
30	QPSK	1	1		18.24	18.29	18.21	18.7	0.0
Channel				630668	633334	636000	Tune-up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	limit (dB)		
25	QPSK	1	1		18.22	18.26	18.25	18.7	0.0
Channel				630334	633334	636334	Tune-up	MPR	
Frequency (MHz)				3455.01	3500.01	3540	limit (dB)		
20	QPSK	1	1		18.19	18.31	18.29	18.7	0.0
Channel				630500	633334	636168	Tune-up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	limit (dB)		
15	QPSK	1	1		18.25	18.34	18.29	18.7	0.0
Channel				630334	633334	636334	Tune-up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit (dB)		
10	QPSK	1	1		18.23	18.32	18.24	18.7	0.0

Part27Q n78 PC2 Ant6 DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		21.13				
100	1/2 BPSK	1	137		21.19		22.0	0.0	
100	1/2 BPSK	1	271		21.14				
100	1/2 BPSK	135	0		21.18		22.0	0.0	
100	1/2 BPSK	135	69		21.09		22.0	0.0	
100	1/2 BPSK	135	138		21.25		22.0	0.0	
100	1/2 BPSK	270	0		21.13		22.0	0.0	
100	QPSK	1	1		21.29				
100	QPSK	1	137		21.26		22.0	0.0	
100	QPSK	1	271		21.00				
100	QPSK	135	0		21.08		22.0	0.0	
100	QPSK	135	69		21.23		22.0	0.0	
100	QPSK	135	138		21.11		22.0	0.0	
100	QPSK	270	0		21.26				
100	16QAM	1	1		21.25		22.0	0.0	
100	64QAM	1	1		21.03		22.0	0.0	
100	256QAM	1	1		20.59		22.0	0.0	
Channel				633000	633334	633668	Tune-up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	limit (dB)		
90	QPSK	1	1		21.21	21.27	21.18	22.0	0.0
Channel				632668	633334	634000	Tune-up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	limit (dB)		
80	QPSK	1	1		21.21	21.27	21.18	22.0	0.0
Channel				632334	633334	634334	Tune-up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	limit (dB)		
70	QPSK	1	1		21.21	21.27	21.18	22.0	0.0
Channel				632000	633334	634668	Tune-up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	limit (dB)		
60	QPSK	1	1		21.21	21.27	21.18	22.0	0.0
Channel				631668	633334	635000	Tune-up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	limit (dB)		
50	QPSK	1	1		21.21	21.27	21.18	22.0	0.0
Channel				631334	633334	635334	Tune-up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	limit (dB)		
40	QPSK	1	1		21.21	21.27	21.18	22.0	0.0
Channel				631000	633334	635668	Tune-up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	limit (dB)		
30	QPSK	1	1		21.21	21.27	21.18	22.0	0.0
Channel				630668	633334	636000	Tune-up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	limit (dB)		
25	QPSK	1	1		21.21	21.27	21.18	22.0	0.0
Channel				630334	633334	636334	Tune-up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit (dB)		
20	QPSK	1	1		21.21	21.27	21.18	22.0	0.0
Channel				630500	633334	636168	Tune-up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	limit (dB)		
15	QPSK	1	1		21.21	21.27	21.18	22.0	0.0
Channel				630334	633334	636334	Tune-up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	limit (dB)		
10	QPSK	1	1		21.21	21.27	21.18	22.0	0.0

n48 Part96 Ant7 DSI4 Main PA

BW [MHz]	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	22.60	22.71	22.62		
40	1/2 BPSK	1	53	22.61	22.76	22.61	24.5	0.0
40	1/2 BPSK	1	104	22.67	22.72	22.66		
40	1/2 BPSK	50	0	22.20	22.28	22.11	24.0	0.5
40	1/2 BPSK	50	28	22.53	22.70	22.54	24.5	0.0
40	1/2 BPSK	50	56	22.15	22.17	22.12		
40	1/2 BPSK	100	0	22.17	22.28	22.19	24.0	0.5
40	QPSK	1	1	22.69	22.79	22.68		
40	QPSK	1	53	22.54	22.64	22.57	24.5	0.0
40	QPSK	1	104	22.54	22.58	22.55		
40	QPSK	50	0	21.58	21.72	21.58	23.5	1.0
40	QPSK	50	28	22.62	22.77	22.66	24.5	0.0
40	QPSK	50	56	21.52	21.69	21.62	23.5	1.0
40	QPSK	100	0	21.70	21.80	21.68		
40	16QAM	1	1	21.71	21.77	21.74	23.5	1.0
40	64QAM	1	1	20.16	20.25	20.16	22.0	2.5
40	256QAM	1	1	18.33	18.36	18.20	20.0	4.5
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	22.66	22.74	22.51	24.5	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	22.63	22.74	22.64	24.5	0.0
Channel				637168	641666	646166	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	22.57	22.62	22.53	24.5	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	22.62	22.70	22.63	24.5	0.0

Part270 n77 Ant7 DSI4 Main PA

BW [MHz]	Modulation	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	22.95	23.05	22.97		
100	1/2 BPSK	1	137	22.99	23.04	22.97	24.5	0.0
100	1/2 BPSK	1	271	22.95	23.02	22.89		
100	1/2 BPSK	135	0	22.81	22.98	22.85	24.5	0.0
100	1/2 BPSK	135	69	22.87	23.02	22.98	24.5	0.0
100	1/2 BPSK	135	138	22.87	23.03	22.93		
100	1/2 BPSK	270	0	22.94	22.99	22.93	24.5	0.0
100	QPSK	1	1	22.92	23.06	23.03		
100	QPSK	1	137	22.95	23.05	22.94	24.5	0.0
100	QPSK	1	271	22.64	22.76	22.66		
100	QPSK	135	0	22.97	23.01	22.98	24.5	0.0
100	QPSK	135	69	22.93	23.03	22.89	24.5	0.0
100	QPSK	135	138	22.85	22.98	22.91	24.5	0.0
100	QPSK	270	0	22.94	23.02	22.95		
100	16QAM	1	1	22.81	22.97	22.88	24.5	0.0
100	64QAM	1	1	22.49	22.54	22.45	24.0	0.5
100	256QAM	1	1	20.33	20.44	20.38	22.0	2.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	22.84	22.93	22.99	24.5	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	22.80	22.98	22.96	24.5	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	22.87	22.91	22.88	24.5	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	22.70	22.92	22.85	24.5	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	22.88	22.92	23.00	24.5	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	22.87	23.00	22.94	24.5	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	22.85	23.06	22.97	24.5	0.0
Channel				647600	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	22.79	23.00	22.95	24.5	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	22.87	22.93	22.83	24.5	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	22.80	22.98	22.88	24.5	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	22.84	22.99	22.96	24.5	0.0

Part270 n77 PC2 Ant7 DSI4 Main PA

BW [MHz]	Modulation	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	24.88	25.01	24.82		
100	1/2 BPSK	1	137	24.92	24.98	24.86	26.5	0.0
100	1/2 BPSK	1	271	24.68	24.76	24.70		
100	1/2 BPSK	135	0	24.95	24.98	24.82	26.0	0.5
100	1/2 BPSK	135	69	24.83	25.01	24.90	26.5	0.0
100	1/2 BPSK	135	138	24.41	24.55	24.41		
100	1/2 BPSK	270	0	24.43	24.52	24.39	26.0	0.5
100	QPSK	1	1	24.69	25.06	24.96		
100	QPSK	1	137	24.90	25.04	24.86	26.5	0.0
100	QPSK	1	271	24.66	24.75	24.72		
100	QPSK	135	0	24.84	24.96	24.81	25.5	1.0
100	QPSK	135	69	24.84	25.01	24.91	26.5	0.0
100	QPSK	135	138	23.84	23.96	23.89	25.5	1.0
100	QPSK	270	0	23.91	24.04	23.96		
100	16QAM	1	1	23.82	23.99	23.90	25.0	0.0
100	64QAM	1	1	22.27	22.35	22.33	24.0	2.5
100	256QAM	1	1	20.31	20.33	20.23	22.0	4.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	24.76	25.01	24.86	26.5	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	24.82	24.96	24.83	26.5	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	24.87	24.88	24.80	26.5	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	24.72	24.92	24.87	26.5	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	24.79	25.01	24.80	26.5	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	24.83	24.93	24.78	26.5	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	24.74	24.96	24.83	26.5	0.0
Channel				647600	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	24.75	25.04	24.79	26.5	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	24.72	25.04	24.92	26.5	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	24.85	24.95	24.91	26.5	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	24.87	24.89	24.84	26.5	0.0

Part27Q n77 Ant7 DS14 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power 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	23.42				
100	1/2 BPSK	1	137	23.34			24.5	0.0
100	1/2 BPSK	1	271	23.26				
100	1/2 BPSK	135	0	23.22			24.5	0.0
100	1/2 BPSK	135	69	23.34			24.5	0.0
100	1/2 BPSK	135	138	23.38			24.5	0.0
100	1/2 BPSK	270	0	23.23				
100	QPSK	1	1	23.43			24.5	0.0
100	QPSK	1	137	23.41				
100	QPSK	1	271	23.01				
100	QPSK	135	0	23.26			24.5	0.0
100	QPSK	135	69	23.39			24.5	0.0
100	QPSK	135	138	23.25			24.5	0.0
100	QPSK	270	0	23.33			24.5	0.0
100	16QAM	1	1	23.23			24.5	0.0
100	64QAM	1	1	22.84			24.0	0.5
100	256QAM	1	1	20.66			22.0	2.5
Channel				633300		633668	Tune-up	MPR
Frequency (MHz)				3495		3500.01	3505.02	limit (dB)
90	QPSK	1	1	23.39	23.39	23.41	24.5	0.0
Channel				632668		633334	634000	Tune-up
Frequency (MHz)				3490.02		3500.01	3510	limit (dB)
80	QPSK	1	1	23.29	23.26	23.40	24.5	0.0
Channel				632334		633334	634334	Tune-up
Frequency (MHz)				3485.01		3500.01	3515.01	limit (dB)
70	QPSK	1	1	23.27	23.39	23.40	24.5	0.0
Channel				632000		633334	634668	Tune-up
Frequency (MHz)				3480		3500.01	3520.02	limit (dB)
60	QPSK	1	1	23.30	23.32	23.38	24.5	0.0
Channel				631668		633334	635000	Tune-up
Frequency (MHz)				3475.02		3500.01	3525	limit (dB)
50	QPSK	1	1	23.28	23.31	23.39	24.5	0.0
Channel				631334		633334	635334	Tune-up
Frequency (MHz)				3470.01		3500.01	3530.01	limit (dB)
40	QPSK	1	1	23.30	23.32	23.38	24.5	0.0
Channel				631000		633334	635668	Tune-up
Frequency (MHz)				3465		3500.01	3535.02	limit (dB)
30	QPSK	1	1	23.37	23.26	23.30	24.5	0.0
Channel				630334		633334	635934	Tune-up
Frequency (MHz)				3462.51		3500.01	3537.51	limit (dB)
25	QPSK	1	1	23.29	23.31	23.40	24.5	0.0
Channel				630668		633334	636000	Tune-up
Frequency (MHz)				3460.02		3500.01	3540	limit (dB)
20	QPSK	1	1	23.33	23.41	23.40	24.5	0.0
Channel				630500		633334	636168	Tune-up
Frequency (MHz)				3457.5		3500.01	3542.52	limit (dB)
15	QPSK	1	1	23.40	23.25	23.40	24.5	0.0
Channel				630334		633334	636334	Tune-up
Frequency (MHz)				3455.01		3500.01	3545.01	limit (dB)
10	QPSK	1	1	23.32	23.32	23.32	24.5	0.0

Part27Q n77 PC2 Ant7 DS14 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power 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	25.32				
100	1/2 BPSK	1	137	25.39			26.5	0.0
100	1/2 BPSK	1	271	25.20				
100	1/2 BPSK	135	0	25.27			26.0	0.5
100	1/2 BPSK	135	69	25.35			26.5	0.0
100	1/2 BPSK	135	138	24.87			26.0	0.5
100	1/2 BPSK	270	0	24.89				
100	QPSK	1	1	25.45			26.5	0.0
100	QPSK	1	137	25.38				
100	QPSK	1	271	25.06				
100	QPSK	135	0	25.34			25.5	1.0
100	QPSK	135	69	25.39			26.5	0.0
100	QPSK	135	138	24.29			25.5	1.0
100	QPSK	270	0	24.42			25.5	1.0
100	16QAM	1	1	24.39			24.0	2.5
100	64QAM	1	1	22.64			22.0	4.5
100	256QAM	1	1	20.69				
Channel				633000		633334	633668	Tune-up
Frequency (MHz)				3495		3500.01	3505.02	limit (dB)
90	QPSK	1	1	25.34	25.31	25.38	26.5	0.0
Channel				632668		633334	634000	Tune-up
Frequency (MHz)				3490.02		3500.01	3510	limit (dB)
80	QPSK	1	1	25.39	25.29	25.40	26.5	0.0
Channel				632334		633334	634334	Tune-up
Frequency (MHz)				3485.01		3500.01	3515.01	limit (dB)
70	QPSK	1	1	25.35	25.28	25.28	26.5	0.0
Channel				632000		633334	634668	Tune-up
Frequency (MHz)				3480		3500.01	3520.02	limit (dB)
60	QPSK	1	1	25.34	25.40	25.41	26.5	0.0
Channel				631668		633334	635000	Tune-up
Frequency (MHz)				3475.02		3500.01	3525	limit (dB)
50	QPSK	1	1	25.42	25.35	25.39	26.5	0.0
Channel				631334		633334	635334	Tune-up
Frequency (MHz)				3470.01		3500.01	3530.01	limit (dB)
40	QPSK	1	1	25.33	25.41	25.30	26.5	0.0
Channel				631000		633334	635668	Tune-up
Frequency (MHz)				3465		3500.01	3535.02	limit (dB)
30	QPSK	1	1	25.30	25.37	25.32	26.5	0.0
Channel				630668		633334	635934	Tune-up
Frequency (MHz)				3462.51		3500.01	3537.51	limit (dB)
25	QPSK	1	1	25.30	25.28	25.29	26.5	0.0
Channel				630668		633334	636000	Tune-up
Frequency (MHz)				3460.02		3500.01	3540	limit (dB)
20	QPSK	1	1	25.32	25.41	25.40	26.5	0.0
Channel				630500		633334	636168	Tune-up
Frequency (MHz)				3457.5		3500.01	3542.52	limit (dB)
15	QPSK	1	1	25.40	25.27	25.42	26.5	0.0
Channel				630334		633334	636334	Tune-up
Frequency (MHz)				3455.01		3500.01	3545.01	limit (dB)
10	QPSK	1	1	25.30	25.31	25.32	26.5	0.0

Part27O n78 Ant7 DS14 Main PA

BW [MHz]	Modulation	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	22.80			24.5	0.0
100	1/2 BPSK	1	137	22.85				
100	1/2 BPSK	1	271	22.86				
100	1/2 BPSK	135	0	22.77			24.5	0.0
100	1/2 BPSK	135	69	22.80			24.5	0.0
100	1/2 BPSK	135	138	22.82			24.5	0.0
100	1/2 BPSK	270	0	22.78				
100	QPSK	1	1	22.85			24.5	0.0
100	QPSK	1	137	22.83				
100	QPSK	1	271	22.52				
100	QPSK	135	0	22.82			24.5	0.0
100	QPSK	135	69	22.85			24.5	0.0
100	QPSK	135	138	22.78			24.5	0.0
100	QPSK	270	0	22.78			24.5	0.0
100	16QAM	1	1	22.63			24.5	0.0
100	64QAM	1	1	22.21			24.0	0.5
100	256QAM	1	1	20.21			22.0	2.5
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	22.73	22.82	22.70	24.5	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	22.71	22.84	22.74	24.5	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	22.76	22.85	22.85	24.5	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	22.74	22.81	22.82	24.5	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	22.82	22.75	22.76	24.5	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	22.83	22.70	22.75	24.5	0.0
Channel				647634	650000	652668	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	22.75	22.83	22.83	24.5	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	22.78	22.76	22.92	24.5	0.0
Channel				647334	650000	652834	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	22.79	22.69	22.72	24.5	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.5	3750	3792.51	limit	(dB)
15	QPSK	1	1	22.75	22.81	22.80	24.5	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	22.71	22.81	22.75	24.5	0.0

Part270 n78 PC2 Ant7 DSI4 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				3750	650000			
Frequency (MHz)				24.74			26.5	0.0
100	1/2 BPSK	1	1	24.74				
100	1/2 BPSK	1	137	24.78				
100	1/2 BPSK	1	271	24.85				
100	1/2 BPSK	135	0	24.61			26.0	0.5
100	1/2 BPSK	135	69	24.76			26.5	0.0
100	1/2 BPSK	135	138	24.29			26.0	0.5
100	1/2 BPSK	270	0	24.33				
100	QPSK	1	1	24.81			26.5	0.0
100	QPSK	1	137	24.72				
100	QPSK	1	271	24.83				
100	QPSK	135	0	24.67			25.5	1.0
100	QPSK	135	69	24.77			26.5	0.0
100	QPSK	135	138	23.72			25.5	1.0
100	QPSK	270	0	23.88			25.5	1.0
100	16QAM	1	1	23.77			24.0	2.5
100	64QAM	1	1	22.23			22.0	4.5
100	256QAM	1	1	20.35				
Channel				646668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	24.79	24.64	24.64	26.5	0.0
Channel				646334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	24.74	24.73	24.73	26.5	0.0
Channel				646000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	24.65	24.76	24.72	26.5	0.0
Channel				646668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	23.72	24.70	24.55	26.5	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	24.65	24.67	24.64	26.5	0.0
Channel				646000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	24.65	24.76	24.74	26.5	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	24.75	24.63	24.70	26.5	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	24.68	24.68	24.78	26.5	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	23.69	24.66	24.73	26.5	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	24.74	24.63	24.63	26.5	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	24.63	24.78	24.64	26.5	0.0

Part27Q n78 Ant7 PA DSI4 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power 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		23.21		24.5	0.0
100	1/2 BPSK	1	137		23.32			
100	1/2 BPSK	1	271		23.13			
100	1/2 BPSK	135	0		23.25		24.5	0.0
100	1/2 BPSK	135	69		23.17		24.5	0.0
100	1/2 BPSK	135	138		23.34		24.5	0.0
100	1/2 BPSK	270	0		23.15			
100	QPSK	1	1		23.36		24.5	0.0
100	QPSK	1	137		23.21			
100	QPSK	1	271		23.02			
100	QPSK	135	0		23.31		24.5	0.0
100	QPSK	135	69		23.32		24.5	0.0
100	QPSK	135	138		23.28		24.5	0.0
100	QPSK	270	0		23.25		24.5	0.0
100	16QAM	1	1		23.15		24.0	2.5
100	64QAM	1	1		22.61		22.0	4.5
100	256QAM	1	1		20.66			
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	23.23	23.24	23.19	24.5	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	23.15	23.20	23.24	24.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	23.21	23.31	23.24	24.5	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	23.21	23.25	23.30	24.5	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	23.19	23.24	23.34	24.5	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	23.22	23.25	23.19	24.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	23.26	23.26	23.23	24.5	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	23.22	23.32	23.22	24.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	23.20	23.24	23.30	24.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	23.31	23.24	23.30	24.5	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	23.29	23.28	23.25	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				633334				
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1		25.15		26.5	0.0
100	1/2 BPSK	1	137		25.12			
100	1/2 BPSK	1	271		25.00			
100	1/2 BPSK	135	0		25.04		26.0	0.5
100	1/2 BPSK	135	69		25.17		26.5	0.0
100	1/2 BPSK	135	138		24.75		26.0	0.5
100	1/2 BPSK	270	0		24.66			
100	QPSK	1	1		25.27		26.5	0.0
100	QPSK	1	137		25.05			
100	QPSK	1	271		25.04			
100	QPSK	135	0		25.08		25.5	1.0
100	QPSK	135	69		25.22		26.5	0.0
100	QPSK	135	138		24.96		25.5	1.0
100	QPSK	270	0		24.24		25.5	1.0
100	16QAM	1	1		24.16		25.5	1.0
100	64QAM	1	1		22.57		24.0	2.5
100	256QAM	1	1		20.79		22.0	4.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	25.24	25.20	25.23	26.5	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	25.12	25.26	25.14	26.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	25.21	25.15	25.18	26.5	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	25.09	25.18	25.22	26.5	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	25.19	25.18	25.10	26.5	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	25.12	25.16	25.11	26.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	25.18	25.12	25.17	26.5	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	25.20	25.16	25.18	26.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	25.11	25.09	25.14	26.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	25.10	25.23	25.16	26.5	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	25.13	25.24	25.21	26.5	0.0

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BW [MHz]	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	17.68	17.80	17.79		
40	1/2 BPSK	1	53	17.80	17.82	17.62	19.5	0.0
40	1/2 BPSK	1	104	17.77	17.73	17.56		
40	1/2 BPSK	50	0	17.78	17.82	17.80	19.5	0.0
40	1/2 BPSK	50	28	17.74	17.78	17.72	19.5	0.0
40	1/2 BPSK	50	56	17.72	17.78	17.72	19.5	0.0
40	1/2 BPSK	100	0	17.76	17.82	17.80		
40	QPSK	1	1	17.76	17.83	17.80		
40	QPSK	1	53	17.54	17.68	17.65	19.5	0.0
40	QPSK	1	104	17.58	17.79	17.70		
40	QPSK	50	0	17.73	17.80	17.71	19.5	0.0
40	QPSK	50	28	17.75	17.83	17.81	19.5	0.0
40	QPSK	50	56	17.74	17.76	17.70	19.5	0.0
40	QPSK	100	0	17.74	17.80	17.76		
40	16QAM	1	1	17.81	17.81	17.79	19.5	0.0
40	64QAM	1	1	17.37	17.45	17.28	19.0	0.5
40	256QAM	1	1	15.41	15.46	15.36	17.0	2.5
Channel				637668	641666	645668	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	17.65	17.78	17.71	19.5	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	17.64	17.82	17.69	19.5	0.0
Channel				637168	641666	646166	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	17.62	17.80	17.77	19.5	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	17.68	17.80	17.71	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	1/2 BPSK	1	1	19.51	19.53	19.39		
100	1/2 BPSK	1	137	19.38	19.51	19.46	20.5	0.0
100	1/2 BPSK	1	271	19.56	19.59	19.57		
100	1/2 BPSK	135	0	19.54	19.52	19.49	20.5	0.0
100	1/2 BPSK	135	69	19.52	19.55	19.58	20.5	0.0
100	1/2 BPSK	135	138	19.40	19.56	19.48	20.5	0.0
100	1/2 BPSK	270	0	19.41	19.56	19.57		
100	QPSK	1	1	19.52	19.50	19.56		
100	QPSK	1	137	19.46	19.56	19.49	20.5	0.0
100	QPSK	1	271	19.42	19.40	19.45		
100	QPSK	135	0	19.39	19.48	19.51	20.5	0.0
100	QPSK	135	69	19.48	19.56	19.44	20.5	0.0
100	QPSK	135	138	19.48	19.51	19.50	20.5	0.0
100	QPSK	270	0	19.48	19.57	19.40		
100	16QAM	1	1	19.24	19.43	19.28	20.5	0.0
100	64QAM	1	1	19.34	19.35	19.24	20.5	0.0
100	256QAM	1	1	17.95	18.03	17.88	19.0	1.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	19.42	19.50	19.41	20.5	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	19.40	19.49	19.59	20.5	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	19.39	19.57	19.58	20.5	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	19.46	19.58	19.53	20.5	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	19.42	19.51	19.55	20.5	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	19.45	19.50	19.55	20.5	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3955.01	limit	(dB)
30	QPSK	1	1	19.46	19.56	19.50	20.5	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	19.45	19.59	19.49	20.5	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	19.42	19.50	19.50	20.5	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	19.43	19.57	19.54	20.5	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	19.45	19.57	19.54	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	1/2 BPSK	1	1	22.40	22.48	22.39		
100	1/2 BPSK	1	137	22.45	22.53	22.39	23.5	0.0
100	1/2 BPSK	1	271	22.44	22.51	22.42		
100	1/2 BPSK	135	0	21.85	21.98	21.95	23.0	0.5
100	1/2 BPSK	135	69	22.49	22.52	22.48	23.5	0.0
100	1/2 BPSK	135	138	21.98	22.06	21.97	23.0	0.5
100	1/2 BPSK	270	0	21.87	22.04	22.01		
100	QPSK	1	1	22.45	22.54	22.49		
100	QPSK	1	137	22.48	22.52	22.49	23.5	0.0
100	QPSK	1	271	22.37	22.46	22.32		
100	QPSK	135	0	21.50	21.54	21.49	22.5	1.0
100	QPSK	135	69	22.43	22.53	22.47	23.5	0.0
100	QPSK	135	138	21.44	21.52	21.42	22.5	1.0
100	QPSK	270	0	21.45	21.54	21.36		
100	16QAM	1	1	21.35	21.38	21.35	22.5	1.0
100	64QAM	1	1	19.31	19.46	19.42	21.0	2.5
100	256QAM	1	1	17.85	17.98	17.84	19.0	4.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	22.36	22.46	22.35	23.5	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	22.27	22.45	22.46	23.5	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	22.33	22.49	22.42	23.5	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	22.33	22.46	22.39	23.5	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	22.31	22.49	22.38	23.5	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	22.37	22.48	22.31	23.5	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3955.01	limit	(dB)
30	QPSK	1	1	22.38	22.45	22.46	23.5	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	22.38	22.52	22.39	23.5	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	22.40	22.46	22.34	23.5	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	22.47	22.38	22.35	23.5	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	22.38	22.51	22.32	23.5	0.0

Part27Q n77 Ant8 DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		19.05			
100	1/2 BPSK	1	137		19.05		20.5	0.0
100	1/2 BPSK	1	271		19.05			
100	1/2 BPSK	135	0		19.05		20.5	0.0
100	1/2 BPSK	135	69		19.01		20.5	0.0
100	1/2 BPSK	135	138		18.91		20.5	0.0
100	1/2 BPSK	270	0		18.92			
100	QPSK	1	1		19.05			
100	QPSK	1	137		18.93		20.5	0.0
100	QPSK	1	271		18.92			
100	QPSK	135	0		19.01		20.5	0.0
100	QPSK	135	69		19.04		20.5	0.0
100	QPSK	135	138		19.03		20.5	0.0
100	QPSK	270	0		19.01			
100	16QAM	1	1		18.93		20.5	0.0
100	64QAM	1	1		18.79		20.5	0.0
100	256QAM	1	1		17.53		19.0	1.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)					3495	3500.01	3505.02	limit (dB)
90	QPSK	1	1	18.94	18.87	18.95	20.5	0.0
Channel								
Frequency (MHz)					632668	633334	634000	Tune-up
Channel					3490.02	3500.01	3510	limit (dB)
80	QPSK	1	1	19.53	18.92	18.97	20.5	0.0
Channel								
Frequency (MHz)					632334	633334	634334	Tune-up
Channel					3485.01	3500.01	3515.01	limit (dB)
70	QPSK	1	1	18.90	18.92	18.97	20.5	0.0
Channel								
Frequency (MHz)					632000	633334	634668	Tune-up
Channel					3480	3500.01	3520.02	limit (dB)
60	QPSK	1	1	19.01	18.88	18.98	20.5	0.0
Channel								
Frequency (MHz)					631668	633334	635000	Tune-up
Channel					3475.02	3500.01	3525	limit (dB)
50	QPSK	1	1	19.01	18.85	19.03	20.5	0.0
Channel								
Frequency (MHz)					631334	633334	635334	Tune-up
Channel					3470.01	3500.01	3530.01	limit (dB)
40	QPSK	1	1	18.90	18.97	18.99	20.5	0.0
Channel								
Frequency (MHz)					631000	633334	635668	Tune-up
Channel					3465	3500.01	3535.02	limit (dB)
30	QPSK	1	1	18.98	18.95	19.02	20.5	0.0
Channel								
Frequency (MHz)					630834	633334	635834	Tune-up
Channel					3462.51	3500.01	3537.51	limit (dB)
25	QPSK	1	1	18.98	18.90	19.02	20.5	0.0
Channel								
Frequency (MHz)					630500	633334	636000	Tune-up
Channel					3460.02	3500.01	3540	limit (dB)
20	QPSK	1	1	18.96	18.92	18.98	20.5	0.0
Channel								
Frequency (MHz)					630500	633334	636168	Tune-up
Channel					3457.5	3500.01	3542.52	limit (dB)
15	QPSK	1	1	19.00	18.93	19.02	20.5	0.0
Channel								
Frequency (MHz)					630334	633334	636334	Tune-up
Channel					3455.01	3500.01	3545.01	limit (dB)
10	QPSK	1	1	18.92	18.90	18.97	20.5	0.0

Part27Q n77 PC2 Ant8 DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		22.03			
100	1/2 BPSK	1	137		21.96		23.5	0.0
100	1/2 BPSK	1	271		22.00			
100	1/2 BPSK	135	0		21.40		23.0	0.5
100	1/2 BPSK	135	69		22.02		23.5	0.0
100	1/2 BPSK	135	138		21.54		23.0	0.5
100	1/2 BPSK	270	0		21.57			
100	QPSK	1	1		22.04			
100	QPSK	1	137		22.00		23.5	0.0
100	QPSK	1	271		21.97			
100	QPSK	135	0		21.05		22.5	1.0
100	QPSK	135	69		22.03		23.5	0.0
100	QPSK	135	138		20.99		22.5	1.0
100	QPSK	270	0		21.05			
100	16QAM	1	1		20.83		22.5	1.0
100	64QAM	1	1		19.03		21.0	2.5
100	256QAM	1	1		17.55		19.0	4.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)					3495	3500.01	3505.02	limit (dB)
90	QPSK	1	1	21.94	21.99	21.94	23.5	0.0
Channel								
Frequency (MHz)					632668	633334	634000	Tune-up
Channel					3490.02	3500.01	3510	limit (dB)
80	QPSK	1	1	21.90	21.92	22.01	23.5	0.0
Channel								
Frequency (MHz)					632334	633334	634334	Tune-up
Channel					3485.01	3500.01	3515.01	limit (dB)
70	QPSK	1	1	21.91	21.87	21.91	23.5	0.0
Channel								
Frequency (MHz)					632000	633334	634668	Tune-up
Channel					3480	3500.01	3520.02	limit (dB)
60	QPSK	1	1	21.89	21.89	21.87	23.5	0.0
Channel								
Frequency (MHz)					631668	633334	635000	Tune-up
Channel					3475.02	3500.01	3525	limit (dB)
50	QPSK	1	1	21.92	21.86	22.00	23.5	0.0
Channel								
Frequency (MHz)					631334	633334	635334	Tune-up
Channel					3470.01	3500.01	3530.01	limit (dB)
40	QPSK	1	1	21.96	21.93	21.97	23.5	0.0
Channel								
Frequency (MHz)					631000	633334	635668	Tune-up
Channel					3465	3500.01	3535.02	limit (dB)
30	QPSK	1	1	21.91	21.95	21.96	23.5	0.0
Channel								
Frequency (MHz)					630834	633334	635834	Tune-up
Channel					3462.51	3500.01	3537.51	limit (dB)
25	QPSK	1	1	21.96	21.92	21.92	23.5	0.0
Channel								
Frequency (MHz)					630668	633334	636000	Tune-up
Channel					3460.02	3500.01	3540	limit (dB)
20	QPSK	1	1	21.90	21.98	21.89	23.5	0.0
Channel								
Frequency (MHz)					630500	633334	636168	Tune-up
Channel					3457.5	3500.01	3542.52	limit (dB)
15	QPSK	1	1	21.92	21.94	21.89	23.5	0.0
Channel								
Frequency (MHz)					630334	633334	636334	Tune-up
Channel					3455.01	3500.01	3545.01	limit (dB)
10	QPSK	1	1	21.90	22.02	21.89	23.5	0.0

Part27O n78 Ant8 DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		19.11			
100	1/2 BPSK	1	137		19.10		20.5	0.0
100	1/2 BPSK	1	271		19.16			
100	1/2 BPSK	135	0		19.12		20.5	0.0
100	1/2 BPSK	135	69		19.23		20.5	0.0
100	1/2 BPSK	135	138		18.96		20.5	0.0
100	1/2 BPSK	270	0		19.06			
100	QPSK	1	1		19.29		20.5	0.0
100	QPSK	1	137		19.15			
100	QPSK	1	271		19.15		20.5	0.0
100	QPSK	135	0		19.15		20.5	0.0
100	QPSK	135	69		19.26		20.5	0.0
100	QPSK	135	138		19.15		20.5	0.0
100	QPSK	270	0		19.24			
100	16QAM	1	1		19.06		20.5	0.0
100	64QAM	1	1		18.94		20.5	0.0
100	256QAM	1	1		17.70		19.0	1.5
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)					3745.02	3750	3755.01	limit (dB)
90	QPSK	1	1	19.16	19.17	19.14	20.5	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)					3740.01	3750	3760.02	limit (dB)
80	QPSK	1	1	19.20	19.23	19.12	20.5	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)					3735	3750	3765	limit (dB)
70	QPSK	1	1	19.15	19.24	19.11	20.5	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)					3730.02	3750	3770.01	limit (dB)
60	QPSK	1	1	19.15	19.24	19.19	20.5	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)					3725.01	3750	3775.02	limit (dB)
50	QPSK	1	1	19.16	19.28	19.10	20.5	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)					3720	3750	3780	limit (dB)
40	QPSK	1	1	19.14	19.20	19.10	20.5	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)					3715.02	3750	3785.01	limit (dB)
30	QPSK	1	1	19.13	19.17	19.09	20.5	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)					3712.25	3750	3787.5	limit (dB)
25	QPSK	1	1	19.20	19.27	19.09	20.5	0.0
Channel				647234	650000	652868	Tune-up	MPR
Frequency (MHz)					3710.01	3750	3790.02	limit (dB)
20	QPSK	1	1	19.16	19.18	19.12	20.5	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)					3707.52	3750	3792.01	limit (dB)
15	QPSK	1	1	19.21	19.15	19.09	20.5	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)					3705	3750	3795	limit (dB)
10	QPSK	1	1	19.19	19.25	19.18	20.5	0.0

Part27O n78 PC2 Ant8 DSI4 Main PA

BW [MHz]	Modulation	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		22.21			
100	1/2 BPSK	1	137		22.10		23.5	0.0
100	1/2 BPSK	1	271		22.22			
100	1/2 BPSK	135	0		21.58		23.0	0.5
100	1/2 BPSK	135	69		22.25		23.5	0.0
100	1/2 BPSK	135	138		21.69		23.0	0.5
100	1/2 BPSK	270	0		21.73			
100	QPSK	1	1		21.26			
100	QPSK	1	137		22.22		23.5	0.0
100	QPSK	1	271		22.20			
100	QPSK	135	0		21.25		22.5	1.0
100	QPSK	135	69		22.25		23.5	0.0
100	QPSK	135	138		21.26			
100	QPSK	270	0		21.26		22.5	1.0
100	16QAM	1	1		21.03		22.5	1.0
100	64QAM	1	1		19.29		21.0	2.5
100	256QAM	1	1		17.82		19.0	4.5
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1		22.25	22.17	22.19	23.5 0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1		22.25	22.26	22.23	23.5 0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1		22.11	22.25	22.24	23.5 0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1		22.14	22.15	22.13	23.5 0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1		22.26	22.12	22.13	23.5 0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1		22.24	22.10	22.15	23.5 0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1		22.21	22.21	22.21	23.5 0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1		22.21	22.12	22.25	23.5 0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1		22.19	22.22	22.11	23.5 0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1		22.25	22.18	22.16	23.5 0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1		22.22	22.19	22.14	23.5 0.0

Part27Q n78 Ant8 PA DSI4 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		18.88			
100	1/2 BPSK	1	137		19.06		20.5	0.0
100	1/2 BPSK	1	271		18.99			
100	1/2 BPSK	135	0		19.03		20.5	0.0
100	1/2 BPSK	135	69		19.06		20.5	0.0
100	1/2 BPSK	135	138		19.02		20.5	0.0
100	1/2 BPSK	270	0		18.99			
100	QPSK	1	1		18.99		20.5	0.0
100	QPSK	1	137		18.90			
100	QPSK	1	271		18.99			
100	QPSK	135	0		18.99		20.5	0.0
100	QPSK	135	69		19.01		20.5	0.0
100	QPSK	135	138		18.92		20.5	0.0
100	QPSK	270	0		18.99		20.5	0.0
100	16QAM	1	1		18.83		20.5	0.0
100	64QAM	1	1		18.82		20.5	0.0
100	256QAM	1	1		17.58		19.0	1.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		18.89	18.88	19.00	20.5 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		18.83	18.93	18.93	20.5 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		18.83	18.97	18.98	20.5 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		18.94	18.90	18.99	20.5 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		18.85	18.92	19.00	20.5 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		18.91	18.91	18.99	20.5 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		18.87	18.92	18.98	20.5 0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		18.85	18.96	19.01	20.5 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		18.86	18.93	18.96	20.5 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		18.91	18.99	18.93	20.5 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		18.89	18.90	19.03	20.5 0.0

Part27Q n78 PC2 Ant8 DSI4 Main PA

BW [MHz]	Modulat ion	RB Size	RB Offset	Power 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		22.01			
100	1/2 BPSK	1	137		21.84		23.5	0.0
100	1/2 BPSK	1	271		21.98			
100	1/2 BPSK	135	0		21.37		23.0	0.5
100	1/2 BPSK	135	69		21.99		23.5	0.0
100	1/2 BPSK	135	138		21.53		23.0	0.5
100	1/2 BPSK	270	0		21.50			
100	QPSK	1	1		22.04			
100	QPSK	1	137		22.02		23.5	0.0
100	QPSK	1	271		22.02			
100	QPSK	135	0		21.02		22.5	1.0
100	QPSK	135	69		22.03		23.5	0.0
100	QPSK	135	138		20.99		22.5	1.0
100	QPSK	270	0		21.04		22.5	1.0
100	16QAM	1	1		20.75		22.5	1.0
100	64QAM	1	1		19.12		21.0	2.5
100	256QAM	1	1		17.55		19.0	4.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		21.93	21.90	21.98	23.5 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		21.93	21.89	21.89	23.5 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		21.92	21.86	22.00	23.5 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		21.96	21.94	21.95	23.5 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		21.98	22.01	21.94	23.5 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		21.97	21.90	21.93	23.5 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		22.00	21.98	21.91	23.5 0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		21.88	21.99	21.97	23.5 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		21.90	22.01	21.89	23.5 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.32	limit	(dB)
15	QPSK	1	1		21.92	22.02	21.88	23.5 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		22.01	21.99	21.86	23.5 0.0

Reduced Power SA Mode for DSI4

Part27O n77 Ant7 DSI4 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	19.96	20.03	19.93		
100	1/2 BPSK	1	137	20.01	19.98	20.01	21.5	0.0
100	1/2 BPSK	1	271	19.92	20.05	19.91		
100	1/2 BPSK	135	0	19.85	19.95	19.80	21.5	0.0
100	1/2 BPSK	135	69	19.85	19.97	19.87	21.5	0.0
100	1/2 BPSK	135	138	19.91	20.05	19.94		
100	1/2 BPSK	270	0	19.93	20.02	19.89	21.5	0.0
100	QPSK	1	1	19.97	20.10	20.09		
100	QPSK	1	137	19.97	20.03	19.90	21.5	0.0
100	QPSK	1	271	19.89	19.91	19.82		
100	QPSK	135	0	19.96	20.00	19.98	21.5	0.0
100	QPSK	135	69	19.93	20.01	19.91	21.5	0.0
100	QPSK	135	138	19.89	19.99	19.97	21.5	0.0
100	QPSK	270	0	19.96	20.06	20.01		
100	16QAM	1	1	19.85	20.03	19.86	21.5	0.0
100	64QAM	1	1	20.00	20.04	19.89	21.5	0.0
100	256QAM	1	1	19.87	19.98	19.87	21.5	0.0
Channel								
Frequency (MHz)				649668	656000	662334	Tune-up limit (dB)	MPR
90	QPSK	1	1	19.72	19.91	19.94	21.5	0.0
Channel								
Frequency (MHz)				649334	656000	662668	Tune-up limit (dB)	MPR
80	QPSK	1	1	19.84	19.97	19.95	21.5	0.0
Channel								
Frequency (MHz)				649000	656000	663000	Tune-up limit (dB)	MPR
70	QPSK	1	1	19.88	19.94	19.95	21.5	0.0
Channel								
Frequency (MHz)				648668	656000	663334	Tune-up limit (dB)	MPR
60	QPSK	1	1	19.86	19.89	20.04	21.5	0.0
Channel								
Frequency (MHz)				648334	656000	663668	Tune-up limit (dB)	MPR
50	QPSK	1	1	19.89	19.96	20.04	21.5	0.0
Channel								
Frequency (MHz)				648000	656000	664000	Tune-up limit (dB)	MPR
40	QPSK	1	1	19.85	19.96	20.03	21.5	0.0
Channel								
Frequency (MHz)				647668	656000	664334	Tune-up limit (dB)	MPR
30	QPSK	1	1	19.85	19.97	20.00	21.5	0.0
Channel								
Frequency (MHz)				647500	656000	664500	Tune-up limit (dB)	MPR
25	QPSK	1	1	19.82	19.90	19.98	21.5	0.0
Channel								
Frequency (MHz)				647334	656000	664668	Tune-up limit (dB)	MPR
20	QPSK	1	1	19.80	19.95	19.95	21.5	0.0
Channel								
Frequency (MHz)				647168	656000	664834	Tune-up limit (dB)	MPR
15	QPSK	1	1	19.79	19.88	19.93	21.5	0.0
Channel								
Frequency (MHz)				647000	656000	665000	Tune-up limit (dB)	MPR
10	QPSK	1	1	19.90	19.96	20.00	21.5	0.0

Part27O n77 PC2 Ant7 DSI4 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	21.91	21.96	21.96		
100	1/2 BPSK	1	137	21.88	21.99	21.90	23.5	0.0
100	1/2 BPSK	1	271	21.69	21.74	21.74		
100	1/2 BPSK	135	0	22.50	22.49	22.35	23.0	0.5
100	1/2 BPSK	135	69	21.78	22.01	21.92	23.5	0.0
100	1/2 BPSK	135	138	21.90	22.09	21.93		
100	1/2 BPSK	270	0	21.95	21.99	21.86	23.0	0.5
100	QPSK	1	1	21.83	22.82	21.99		
100	QPSK	1	137	21.92	22.02	21.90	23.5	0.0
100	QPSK	1	271	21.67	21.81	21.68		
100	QPSK	135	0	22.68	22.72	22.70	23.5	0.0
100	QPSK	135	69	21.88	22.04	21.88	23.5	0.0
100	QPSK	135	138	21.86	21.94	21.84	23.5	0.0
100	QPSK	270	0	21.97	22.09	22.02		
100	16QAM	1	1	21.86	21.94	21.89	23.5	0.0
100	64QAM	1	1	21.76	21.89	21.77	23.5	0.0
100	256QAM	1	1	20.31	20.33	20.23	22.0	1.5
Channel								
Frequency (MHz)				649668	656000	662334	Tune-up limit (dB)	MPR
90	QPSK	1	1	21.70	21.96	21.97	23.5	0.0
Channel								
Frequency (MHz)				649334	656000	662668	Tune-up limit (dB)	MPR
80	QPSK	1	1	21.81	22.07	21.91	23.5	0.0
Channel								
Frequency (MHz)				649000	656000	663000	Tune-up limit (dB)	MPR
70	QPSK	1	1	21.80	21.98	21.89	23.5	0.0
Channel								
Frequency (MHz)				648668	656000	663334	Tune-up limit (dB)	MPR
60	QPSK	1	1	21.78	21.95	21.82	23.5	0.0
Channel								
Frequency (MHz)				648334	656000	663668	Tune-up limit (dB)	MPR
50	QPSK	1	1	21.79	21.97	21.82	23.5	0.0
Channel								
Frequency (MHz)				648000	656000	664000	Tune-up limit (dB)	MPR
40	QPSK	1	1	21.73	22.05	21.86	23.5	0.0
Channel								
Frequency (MHz)				647668	656000	664334	Tune-up limit (dB)	MPR
30	QPSK	1	1	21.82	22.04	21.86	23.5	0.0
Channel								
Frequency (MHz)				647500	656000	664500	Tune-up limit (dB)	MPR
25	QPSK	1	1	21.73	22.02	21.80	23.5	0.0
Channel								
Frequency (MHz)				647334	656000	664668	Tune-up limit (dB)	MPR
20	QPSK	1	1	21.70	22.04	21.85	23.5	0.0
Channel								
Frequency (MHz)				647168	656000	664834	Tune-up limit (dB)	MPR
15	QPSK	1	1	21.82	21.99	21.89	23.5	0.0
Channel								
Frequency (MHz)				647000	656000	665000	Tune-up limit (dB)	MPR
10	QPSK	1	1	21.76	22.03	21.83	23.5	0.0

Part27Q n77 Ant7 DSI4 Main PA for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3500.01	3500.01	3500.01		
100	1/2 BPSK	1	1				20.34	
100	1/2 BPSK	1	137				20.39	21.5
100	1/2 BPSK	1	271				20.29	
100	1/2 BPSK	135	0				20.26	21.5
100	1/2 BPSK	135	69				20.33	21.5
100	1/2 BPSK	135	138				20.39	
100	1/2 BPSK	270	0				20.22	21.5
100	QPSK	1	1				20.41	
100	QPSK	1	137				20.39	21.5
100	QPSK	1	271				19.98	
100	QPSK	135	0				20.21	21.5
100	QPSK	135	69				20.40	21.5
100	QPSK	135	138				20.21	21.5
100	QPSK	270	0				20.34	21.5
100	16QAM	1	1				20.28	21.5
100	64QAM	1	1				20.32	21.5
100	256QAM	1	1				20.03	21.5
Channel								
Frequency (MHz)				633000	633334	633668	Tune-up limit (dB)	MPR
90	QPSK	1	1	20.39	20.33	20.34	21.5	0.0
Channel								
Frequency (MHz)				632668	633334	634000	Tune-up limit (dB)	MPR
80	QPSK	1	1	20.37	20.38	20.33	21.5	0.0
Channel								
Frequency (MHz)				632334	633334	634334	Tune-up limit (dB)	MPR
70	QPSK	1	1	20.36	20.34	20.32	21.5	0.0
Channel								
Frequency (MHz)				632000	633334	634668	Tune-up limit (dB)	MPR
60	QPSK	1	1	20.40	20.40	20.38	21.5	0.0
Channel								
Frequency (MHz)				631668	633334	635000	Tune-up limit (dB)	MPR
50	QPSK	1	1	20.31	20.37	20.34	21.5	0.0
Channel								
Frequency (MHz)				631334	633334	635334	Tune-up limit (dB)	MPR
40	QPSK	1	1	20.37	20.39	20.38	21.5	0.0
Channel								
Frequency (MHz)				631000	633334	635668	Tune-up limit (dB)	MPR
30	QPSK	1	1	20.31	20.34	20.31	21.5	

Part27Q n77 PC2 Ant7 DSI4 Main PA for ENDC

BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				633334		3500.01		
100	1/2 BPSK	1	1		22.27			
100	1/2 BPSK	1	137		22.38		23.5	0.0
100	1/2 BPSK	1	271		22.16			
100	1/2 BPSK	135	0		22.16		23.5	0.0
100	1/2 BPSK	135	69		22.30		23.5	0.0
100	1/2 BPSK	135	138		22.30		23.5	0.0
100	1/2 BPSK	270	0		22.39		23.5	0.0
100	QPSK	1	1		22.42			
100	QPSK	1	137		22.40		23.5	0.0
100	QPSK	1	271		22.02			
100	QPSK	135	0		19.28		23.5	0.0
100	QPSK	135	69		22.32		23.5	0.0
100	QPSK	135	138		22.31		23.5	0.0
100	QPSK	270	0		22.38		23.5	0.0
100	16QAM	1	1		22.41		23.5	0.0
100	64QAM	1	1		22.09		23.5	0.0
100	256QAM	1	1		20.69		22.0	1.5
Channel								
Frequency (MHz)				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3498	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	22.67	22.33	22.33	23.5	0.0
Channel								
Frequency (MHz)				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	22.33	22.35	22.38	23.5	0.0
Channel								
Frequency (MHz)				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	22.28	22.32	22.39	23.5	0.0
Channel								
Frequency (MHz)				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	22.37	22.30	22.39	23.5	0.0
Channel								
Frequency (MHz)				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	22.31	22.28	22.36	23.5	0.0
Channel								
Frequency (MHz)				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	22.32	22.28	22.35	23.5	0.0
Channel								
Frequency (MHz)				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	22.36	22.28	22.37	23.5	0.0
Channel								
Frequency (MHz)				630334	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	22.36	22.34	22.40	23.5	0.0
Channel								
Frequency (MHz)				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	22.30	22.25	22.39	23.5	0.0
Channel								
Frequency (MHz)				630300	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	22.33	22.25	22.40	23.5	0.0
Channel								
Frequency (MHz)				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	22.35	22.32	22.34	23.5	0.0

Part27O n78 Ant7 DSI4 Main PA for ENDC

BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				650000		3750		
100	1/2 BPSK	1	1		19.84			
100	1/2 BPSK	1	137		19.83		21.5	0.0
100	1/2 BPSK	1	271		19.61			
100	1/2 BPSK	135	0		19.77		21.5	0.0
100	1/2 BPSK	135	69		19.77		21.5	0.0
100	1/2 BPSK	135	138		19.87		21.5	0.0
100	1/2 BPSK	270	0		19.76		21.5	0.0
100	QPSK	1	1		19.93			
100	QPSK	1	137		19.85		21.5	0.0
100	QPSK	1	271		19.51			
100	QPSK	135	0		19.85		21.5	0.0
100	QPSK	135	69		19.88		21.5	0.0
100	QPSK	135	138		19.78		21.5	0.0
100	QPSK	270	0		19.75		21.5	0.0
100	16QAM	1	1		19.68		21.5	0.0
100	64QAM	1	1		19.72		21.5	0.0
100	256QAM	1	1		19.78		21.5	0.0
Channel								
Frequency (MHz)				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	19.72	19.77	19.74	21.5	0.0
Channel								
Frequency (MHz)				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	19.75	19.79	19.73	21.5	0.0
Channel								
Frequency (MHz)				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	19.78	19.85	19.65	21.5	0.0
Channel								
Frequency (MHz)				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	19.70	19.86	19.76	21.5	0.0
Channel								
Frequency (MHz)				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	19.76	19.86	19.66	21.5	0.0
Channel								
Frequency (MHz)				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	19.75	19.80	19.65	21.5	0.0
Channel								
Frequency (MHz)				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	19.68	19.79	19.74	21.5	0.0
Channel								
Frequency (MHz)				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	19.78	19.78	19.66	21.5	0.0
Channel								
Frequency (MHz)				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	19.71	19.76	19.69	21.5	0.0
Channel								
Frequency (MHz)				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	19.69	19.84	19.73	21.5	0.0
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	19.78	19.81	19.70	21.5	0.0

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BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low- Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)					650000	3750		
100	1/2 BPSK	1	1		21.71			
100	1/2 BPSK	1	137		21.74		23.5	0.0
100	1/2 BPSK	1	271		21.59			
100	1/2 BPSK	135	0		21.78		23.5	0.0
100	1/2 BPSK	135	69		21.78		23.5	0.0
100	1/2 BPSK	135	138		21.77		23.5	0.0
100	1/2 BPSK	270	0		21.75		23.5	0.0
100	QPSK	1	1		21.79			
100	QPSK	1	137		21.65		23.5	0.0
100	QPSK	1	271		21.59			
100	QPSK	135	0		21.62		23.5	0.0
100	QPSK	135	69		21.74		23.5	0.0
100	QPSK	135	138		21.66		23.5	0.0
100	QPSK	270	0		21.70		23.5	0.0
100	16QAM	1	1		21.74		23.5	0.0
100	64QAM	1	1		21.75		23.5	0.0
100	256QAM	1	1		20.35		22.0	1.5
Channel								
Frequency (MHz)					649668	650000	650334	Tune-up MPR
90	QPSK	1	1	3745.02	3750	3765.01	limit	(dB)
Channel								
Frequency (MHz)					849334	650000	849668	Tune-up MPR
80	QPSK	1	1	3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	21.53	21.67	21.63	23.5	0.0
Channel								
Frequency (MHz)					649000	650000	651000	Tune-up MPR
70	QPSK	1	1	3735	3750	3765	limit	(dB)
70	QPSK	1	1	21.51	21.50	21.65	23.5	0.0
Channel								
Frequency (MHz)					648668	650000	651334	Tune-up MPR
60	QPSK	1	1	3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	21.73	21.66	21.69	23.5	0.0
Channel								
Frequency (MHz)					648334	650000	651668	Tune-up MPR
50	QPSK	1	1	3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	21.60	21.68	21.69	23.5	0.0
Channel								
Frequency (MHz)					648000	650000	652000	Tune-up MPR
40	QPSK	1	1	3720	3750	3780	limit	(dB)
40	QPSK	1	1	21.53	21.58	21.67	23.5	0.0
Channel								
Frequency (MHz)					647668	650000	652334	Tune-up MPR
30	QPSK	1	1	3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	21.77	21.67	21.62	23.5	0.0
Channel								
Frequency (MHz)					647500	650000	652500	Tune-up MPR
25	QPSK	1	1	3712.25	3750	3787.5	limit	(dB)
25	QPSK	1	1	21.51	21.66	21.61	23.5	0.0
Channel								
Frequency (MHz)					647168	650000	652834	Tune-up MPR
20	QPSK	1	1	3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	21.54	21.59	21.69	23.5	0.0
Channel								
Frequency (MHz)					647168	650000	652834	Tune-up MPR
15	QPSK	1	1	3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	21.73	21.62	21.62	23.5	0.0
Channel								
Frequency (MHz)					647000	650000	653000	Tune-up MPR
10	QPSK	1	1	3705	3750	3795	limit	(dB)
10	QPSK	1	1	21.52	21.63	21.66	23.5	0.0

Part27Q n78 Ant7 PA DSI4 Main PA for ENDC							
BW [MHz]	Modulati on	RB Size	RB Offset	Power 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		20.17		
100	1/2 BPSK	1	137		20.34		21.5 0.0
100	1/2 BPSK	1	271		20.18		
100	1/2 BPSK	135	0		20.24		21.5 0.0
100	1/2 BPSK	135	69		20.16		21.5 0.0
100	1/2 BPSK	135	138		20.29		
100	1/2 BPSK	270	0		20.17		21.5 0.0
100	QPSK	1	1		20.39		
100	QPSK	1	137		20.19		21.5 0.0
100	QPSK	1	271		20.00		
100	QPSK	135	0		20.30		21.5 0.0
100	QPSK	135	69		20.33		21.5 0.0
100	QPSK	135	138		20.28		21.5 0.0
100	QPSK	270	0		20.25		21.5 0.0
100	16QAM	1	1		20.18		21.5 0.0
100	64QAM	1	1		20.12		21.5 0.0
100	256QAM	1	1		20.06		21.5 0.0
Channel				633000	633334	633668	Tune-up MPR
Frequency (MHz)				3495	3500.01	3505.02	limit (dB)
90	QPSK	1	1	20.24	20.24	20.19	21.5 0.0
Channel				632668	633334	634000	Tune-up MPR
Frequency (MHz)				3490.02	3500.01	3510	limit (dB)
80	QPSK	1	1	20.27	20.23	20.19	21.5 0.0
Channel				632334	633334	634334	Tune-up MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit (dB)
70	QPSK	1	1	20.28	20.20	20.15	21.5 0.0
Channel				632000	633334	634668	Tune-up MPR
Frequency (MHz)				3480	3500.01	3520.02	limit (dB)
60	QPSK	1	1	20.29	20.19	20.14	21.5 0.0
Channel				631668	633334	635000	Tune-up MPR
Frequency (MHz)				3475.02	3500.01	3525	limit (dB)
50	QPSK	1	1	20.19	20.27	20.19	21.5 0.0
Channel				631334	633334	635334	Tune-up MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit (dB)
40	QPSK	1	1	20.29	20.27	20.22	21.5 0.0
Channel				631000	633334	635668	Tune-up MPR
Frequency (MHz)				3465	3500.01	3535.02	limit (dB)
30	QPSK	1	1	20.20	20.29	20.13	21.5 0.0
Channel				630334	633334	635994	Tune-up MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit (dB)
25	QPSK	1	1	20.26	20.23	20.23	21.5 0.0
Channel				630668	633334	636000	Tune-up MPR
Frequency (MHz)				3460.02	3500.01	3540	limit (dB)
20	QPSK	1	1	20.20	20.20	20.13	21.5 0.0
Channel				630500	633334	636168	Tune-up MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit (dB)
15	QPSK	1	1	20.24	20.25	20.20	21.5 0.0
Channel				630334	633334	636334	Tune-up MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit (dB)
10	QPSK	1	1	20.26	20.29	20.17	21.5 0.0

Part27Q n78 PC2 Ant7 DSI4 Main PA for ENDC							
BW [MHz]	Modulati on	RB Size	RB Offset	Power 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		22.12		
100	1/2 BPSK	1	137		22.08		23.5 0.0
100	1/2 BPSK	1	271		21.95		
100	1/2 BPSK	135	0		22.28		23.5 0.0
100	1/2 BPSK	135	69		22.17		23.5 0.0
100	1/2 BPSK	135	138		22.22		
100	1/2 BPSK	270	0		22.16		23.5 0.0
100	QPSK	1	1		22.33		
100	QPSK	1	137		22.02		23.5 0.0
100	QPSK	1	271		22.05		
100	QPSK	135	0		22.24		23.5 0.0
100	QPSK	135	69		22.25		23.5 0.0
100	QPSK	135	138		22.04		23.5 0.0
100	QPSK	270	0		22.42		23.5 0.0
100	16QAM	1	1		22.17		23.5 0.0
100	64QAM	1	1		22.01		23.5 0.0
100	256QAM	1	1		20.79		22.0 1.5
Channel				633000	633334	633668	Tune-up MPR
Frequency (MHz)				3495	3500.01	3505.02	limit (dB)
90	QPSK	1	1	22.23	22.17	22.15	23.5 0.0
Channel				632668	633334	634000	Tune-up MPR
Frequency (MHz)				3490.02	3500.01	3510	limit (dB)
80	QPSK	1	1	22.27	22.17	22.17	23.5 0.0
Channel				632334	633334	634334	Tune-up MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit (dB)
70	QPSK	1	1	22.19	22.25	22.29	23.5 0.0
Channel				632000	633334	634668	Tune-up MPR
Frequency (MHz)				3480	3500.01	3520.02	limit (dB)
60	QPSK	1	1	22.21	22.22	22.22	23.5 0.0
Channel				631668	633334	635000	Tune-up MPR
Frequency (MHz)				3475.02	3500.01	3525	limit (dB)
50	QPSK	1	1	22.28	22.21	22.27	23.5 0.0
Channel				631334	633334	635334	Tune-up MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit (dB)
40	QPSK	1	1	22.23	22.25	22.20	23.5 0.0
Channel				631000	633334	635668	Tune-up MPR
Frequency (MHz)				3465	3500.01	3535.02	limit (dB)
30	QPSK	1	1	22.23	22.24	22.25	23.5 0.0
Channel				630334	633334	635994	Tune-up MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit (dB)
25	QPSK	1	1	22.28	22.21	22.23	23.5 0.0
Channel				630668	633334	636000	Tune-up MPR
Frequency (MHz)				3460.02	3500.01	3540	limit (dB)
20	QPSK	1	1	22.24	22.18	22.17	23.5 0.0
Channel				630500	633334	636168	Tune-up MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit (dB)
15	QPSK	1	1	22.20	22.18	22.22	23.5 0.0
Channel				630334	633334	636334	Tune-up MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit (dB)
10	QPSK	1	1	22.30	22.21	22.23	23.5 0.0

Reduced Power SA Mode for DSI5

n5 Ant0 Default Main PA									
BW (MHz)	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	1/2 BPSK	1	1	24.39	24.42	24.37			
20	1/2 BPSK	1	53	24.25	24.28	24.13	25.5	0.0	
20	1/2 BPSK	1	104	24.02	24.19	24.03			
20	1/2 BPSK	50	0	23.67	23.77	23.66	25.0	0.5	
20	1/2 BPSK	50	28	23.98	24.14	23.97	25.5	0.0	
20	1/2 BPSK	50	56	23.52	23.65	23.58	25.0	0.5	
20	1/2 BPSK	100	0	23.67	23.83	23.68			
20	QPSK	1	1	24.43	24.45	24.41			
20	QPSK	1	53	24.30	24.33	24.29	25.5	0.0	
20	QPSK	1	104	24.15	24.27	24.14			
20	QPSK	50	0	23.10	23.22	23.06	24.5	1.0	
20	QPSK	50	28	24.26	24.37	24.25	25.5	0.0	
20	QPSK	50	56	23.07	23.14	22.99	24.5	1.0	
20	QPSK	100	0	23.37	23.39	23.23			
20	16QAM	1	1	23.30	23.36	23.30	24.5	1.0	
20	64QAM	1	1	21.76	21.87	21.78	23.0	2.5	
20	256QAM	1	1	19.58	19.75	19.66	21.0	4.5	
Channel				166300	167300	168300	Tune-up	MPR	
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)	
15	QPSK	1	1	24.33	24.39	24.23	25.5	0.0	
Channel				165800	167300	168800	Tune-up	MPR	
Frequency (MHz)				829	836.5	844	limit	(dB)	
10	QPSK	1	1	24.30	24.29	24.24	25.5	0.0	
Channel				165300	167300	169300	Tune-up	MPR	
Frequency (MHz)				826.5	836.5	846.5	limit	(dB)	
5	QPSK	1	1	24.31	24.28	24.34	25.5	0.0	

n5 Ant1 DSI5 Main PA								
BW (MHz)	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	1/2 BPSK	1	1	21.36	21.42	21.30	22.5	0.0
20	1/2 BPSK	1	53	21.18	21.26	21.24		
20	1/2 BPSK	1	104	21.04	21.23	21.02		
20	1/2 BPSK	50	0	21.12	21.30	21.17	22.5	0.0
20	1/2 BPSK	50	28	21.27	21.26	21.17	22.5	0.0
20	1/2 BPSK	50	56	20.99	21.13	21.04	22.5	0.0
20	1/2 BPSK	100	0	21.28	21.36	21.24		
20	QPSK	1	1	21.34	21.47	21.39		
20	QPSK	1	53	21.20	21.25	21.17	22.5	0.0
20	QPSK	1	104	21.00	21.10	21.01		
20	QPSK	50	0	21.09	21.24	21.02		
20	QPSK	50	28	21.29	21.38	21.31	22.5	0.0
20	QPSK	50	56	21.10	21.06	21.01	22.5	0.0
20	QPSK	100	0	21.35	21.47	21.25		
20	16QAM	1	1	21.23	21.39	21.35		
20	64QAM	1	1	21.25	21.34	21.28	22.5	0.0
20	256QAM	1	1	19.67	19.73	19.65	21.0	1.5
Channel				166300	167300	168300	tune-up	MPR
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)
15	QPSK	1	1	21.29	21.44	21.42	22.5	0.0
Channel				165800	167300	168800	Tune-up	MPR
Frequency (MHz)				829	836.5	844	limit	(dB)
10	QPSK	1	1	21.27	21.40	21.34	22.5	0.0
Channel				165300	167300	169300	tune-up	MPR
Frequency (MHz)				826.5	836.5	846.5	limit	(dB)
5	QPSK	1	1	21.33	21.42	21.31	22.5	0.0

n48 Part96 Ant1 DSI5 Main PA

BW [MHz]	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	17.95	17.98	17.99		
40	1/2 BPSK	1	53	17.77	17.84	17.80	19.0	0.0
40	1/2 BPSK	1	104	17.90	17.97	17.85		
40	1/2 BPSK	50	0	17.98	17.96	18.02	19.0	0.0
40	1/2 BPSK	50	28	17.83	17.91	17.76	19.0	0.0
40	1/2 BPSK	50	56	17.86	17.92	17.81		
40	1/2 BPSK	100	0	17.83	17.99	17.84	19.0	0.0
40	QPSK	1	1	17.87	18.03	17.91		
40	QPSK	1	53	17.79	17.82	17.76	19.0	0.0
40	QPSK	1	104	17.90	17.98	17.77		
40	QPSK	50	0	17.82	17.93	17.87	19.0	0.0
40	QPSK	50	28	17.79	17.94	17.88	19.0	0.0
40	QPSK	50	56	17.76	17.91	17.83	19.0	0.0
40	QPSK	100	0	17.99	18.01	17.83		
40	16QAM	1	1	17.70	17.84	17.81	19.0	0.0
40	64QAM	1	1	17.84	17.84	17.73	19.0	0.0
40	256QAM	1	1	17.96	17.98	17.91	19.0	0.0
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	17.84	17.98	17.91	19.0	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	17.87	17.95	17.86	19.0	0.0
Channel				637168	641666	646166	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	17.86	17.94	17.85	19.0	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	17.81	18.02	17.89	19.0	0.0

Part270 n77 Ant1 DSI5 Main PA

BW [MHz]	Modulation	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	17.23	17.51	17.48		
100	1/2 BPSK	1	137	17.18	17.53	17.42	18.0	0.0
100	1/2 BPSK	1	271	17.29	17.55	17.50		
100	1/2 BPSK	135	0	17.36	17.51	17.46	18.0	0.0
100	1/2 BPSK	135	69	17.45	17.58	17.50	18.0	0.0
100	1/2 BPSK	135	138	17.36	17.50	17.51		
100	1/2 BPSK	270	0	17.35	17.45	17.45	18.0	0.0
100	QPSK	1	1	17.31	17.59	17.50		
100	QPSK	1	137	17.26	17.44	17.38	18.0	0.0
100	QPSK	1	271	17.29	17.51	17.47		
100	QPSK	135	0	17.33	17.57	17.51	18.0	0.0
100	QPSK	135	69	17.20	17.58	17.49	18.0	0.0
100	QPSK	135	138	17.40	17.49	17.48	18.0	0.0
100	QPSK	270	0	17.33	17.54	17.47		
100	16QAM	1	1	17.16	17.35	17.31	18.0	0.0
100	64QAM	1	1	17.18	17.35	17.37	18.0	0.0
100	256QAM	1	1	17.15	17.29	17.16	18.0	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	17.26	17.55	17.48	18.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	17.37	17.53	17.50	18.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	17.24	17.56	17.53	18.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	17.24	17.54	17.47	18.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	17.33	17.52	17.43	18.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	17.32	17.53	17.48	18.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	17.31	17.53	17.43	18.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	17.29	17.51	17.47	18.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	17.23	17.54	17.49	18.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	17.29	17.51	17.42	18.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	17.23	17.54	17.43	18.0	0.0

Part270 n77 PC2 Ant1 DSI5 Main PA

BW [MHz]	Modulation	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	20.27	20.37	20.29		
100	1/2 BPSK	1	137	20.39	20.52	20.51	21.0	0.0
100	1/2 BPSK	1	271	20.30	20.41	20.43		
100	1/2 BPSK	135	0	20.41	20.54	20.42	21.0	0.0
100	1/2 BPSK	135	69	20.42	20.56	20.52	21.0	0.0
100	1/2 BPSK	135	138	20.42	20.52	20.42	21.0	0.0
100	1/2 BPSK	270	0	20.39	20.55	20.56		
100	QPSK	1	1	20.34	20.55	20.48		
100	QPSK	1	137	20.43	20.54	20.48	21.0	0.0
100	QPSK	1	271	20.30	20.51	20.45		
100	QPSK	135	0	20.35	20.48	20.51	21.0	0.0
100	QPSK	135	69	20.35	20.56	20.34	21.0	0.0
100	QPSK	135	138	20.45	20.55	20.53	21.0	0.0
100	QPSK	270	0	20.53	20.55	20.54		
100	16QAM	1	1	20.31	20.35	20.28	21.0	0.0
100	64QAM	1	1	19.41	19.58	19.60	21.0	0.0
100	256QAM	1	1	19.59	19.68	19.64	21.0	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	20.38	20.57	20.56	21.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	20.42	20.50	20.56	21.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	20.36	20.54	20.52	21.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	20.41	20.50	20.56	21.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	20.35	20.51	20.57	21.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	20.40	20.51	20.53	21.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	20.35	20.54	20.53	21.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	20.34	20.52	20.49	21.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	20.40	20.51	20.55	21.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	20.45	20.55	20.49	21.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	20.40	20.54	20.55	21.0	0.0

Part27Q n77 Ant1 DSI5 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334			
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	17.32			18.0	0.0
100	1/2 BPSK	1	137	17.42				
100	1/2 BPSK	1	271	17.39				
100	1/2 BPSK	135	0	17.48			18.0	0.0
100	1/2 BPSK	135	69	17.35			18.0	0.0
100	1/2 BPSK	135	138	17.35			18.0	0.0
100	1/2 BPSK	270	0	17.28			18.0	0.0
100	QPSK	1	1	17.50			18.0	0.0
100	QPSK	1	137	17.35				
100	QPSK	1	271	17.46				
100	QPSK	135	0	17.38			18.0	0.0
100	QPSK	135	69	17.49			18.0	0.0
100	QPSK	135	138	17.37			18.0	0.0
100	QPSK	270	0	17.46			18.0	0.0
100	16QAM	1	1	17.30			18.0	0.0
100	64QAM	1	1	17.26			18.0	0.0
100	256QAM	1	1	17.13			18.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	17.31	17.43	17.41	18.0	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	17.34	17.49	17.42	18.0	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	17.42	17.46	17.45	18.0	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	17.33	17.41	17.42	18.0	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	17.33	17.48	17.43	18.0	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	17.37	17.47	17.46	18.0	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	17.42	17.48	17.44	18.0	0.0
Channel				630334	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	17.34	17.47	17.46	18.0	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3450.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	17.34	17.43	17.49	18.0	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	17.31	17.43	17.45	18.0	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	17.42	17.43	17.49	18.0	0.0

Part27Q n77 PC2 Ant1 DSI5 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334			
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	20.24			21.0	0.0
100	1/2 BPSK	1	137	20.38				
100	1/2 BPSK	1	271	20.40				
100	1/2 BPSK	135	0	20.38			21.0	0.0
100	1/2 BPSK	135	69	20.43			21.0	0.0
100	1/2 BPSK	135	138	20.42			21.0	0.0
100	1/2 BPSK	270	0	20.45			21.0	0.0
100	QPSK	1	1	20.48			21.0	0.0
100	QPSK	1	137	20.39				
100	QPSK	1	271	20.34				
100	QPSK	135	0	20.45			21.0	0.0
100	QPSK	135	69	20.46			21.0	0.0
100	QPSK	135	138	20.44			21.0	0.0
100	QPSK	270	0	20.42			21.0	0.0
100	16QAM	1	1	20.28			21.0	0.0
100	64QAM	1	1	19.62			21.0	0.0
100	256QAM	1	1	19.52			21.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	20.30	20.34	20.34	21.0	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	20.31	20.35	20.40	21.0	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	20.38	20.35	20.42	21.0	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	20.35	20.37	20.41	21.0	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	20.40	20.36	20.42	21.0	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	20.31	20.35	20.41	21.0	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	20.41	20.37	20.34	21.0	0.0
Channel				630334	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	20.32	20.29	20.35	21.0	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3450.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	20.35	20.38	20.41	21.0	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	20.39	20.33	20.40	21.0	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	20.38	20.36	20.42	21.0	0.0

Part27O n78 Ant1 DSI5 Main PA

BW [MHz]	Modulation	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	16.99			18.0	0.0
100	1/2 BPSK	1	137	17.21				
100	1/2 BPSK	1	271	17.00				
100	1/2 BPSK	135	0	17.18			18.0	0.0
100	1/2 BPSK	135	69	17.04			18.0	0.0
100	1/2 BPSK	135	138	17.11			18.0	0.0
100	1/2 BPSK	270	0	17.09			18.0	0.0
100	QPSK	1	1	17.24			18.0	0.0
100	QPSK	1	137	17.12				
100	QPSK	1	271	17.08				
100	QPSK	135	0	17.07			18.0	0.0
100	QPSK	135	69	17.20			18.0	0.0
100	QPSK	135	138	17.09			18.0	0.0
100	QPSK	270	0	17.16			18.0	0.0
100	16QAM	1	1	16.97			18.0	0.0
100	64QAM	1	1	16.87			18.0	0.0
100	256QAM	1	1	16.77			18.0	0.0
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	17.16	17.17	17.15	18.0	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	17.23	17.12	17.09	18.0	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	17.14	17.16	17.08	18.0	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	17.14	17.15	17.06	18.0	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	17.15	17.15	17.08	18.0	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3760	limit	(dB)
40	QPSK	1	1	17.22	17.15	17.07	18.0	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	17.19	17.16	17.08	18.0	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	17.14	17.14	17.06	18.0	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	17.12	17.13	17.13	18.0	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	17.14	17.13	17.06	18.0	0.0
Channel				647200	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	17.13	17.11	17.05	18.0	0.0

Part270 n78 PC2 Ant1 DSI5 Main PA

BW (MHz)	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (dBm)	MPRR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	1/2 BPSK	1	1		19.95			
100	1/2 BPSK	1	137		20.15		21.0	0.0
100	1/2 BPSK	1	271		20.11			
100	1/2 BPSK	135	0		20.08		20.5	0.5
100	1/2 BPSK	135	69		20.19		21.0	0.0
100	1/2 BPSK	135	138		20.13		20.5	0.5
100	1/2 BPSK	270	0		20.16			
100	QPSK	1	1		20.26			
100	QPSK	1	137		20.19		21.0	0.0
100	QPSK	1	271		20.24			
100	QPSK	135	0		20.23		21.0	0.0
100	QPSK	135	69		20.23		21.0	0.0
100	QPSK	135	138		20.21		21.0	0.0
100	QPSK	270	0		20.22			
100	16QAM	1	1		20.03		21.0	0.0
100	16QAM	1	137		19.23		21.0	0.0
100	256QAM	1	1		19.32		21.0	0.0
Channel				646968	650000	650334	Turn-up	MPRR
Frequency (MHz)				3745.02	3750	3755.01	time (dB)	(dB)
90	QPSK	1	1	20.13	20.23	20.18	21.0	0.0
Channel				647491	650000	650688	Turn-up	MPRR
Frequency (MHz)				3744.01	3750	3760.02	time (dB)	(dB)
80	QPSK	1	1	20.12	20.22	20.18	21.0	0.0
Channel				646900	650000	651000	Turn-up	MPRR
Frequency (MHz)				3735	3750	3765	time (dB)	(dB)
70	QPSK	1	1	20.19	20.17	20.19	21.0	0.0
Channel				646933	650000	651334	Turn-up	MPRR
Frequency (MHz)				3730.02	3750	3770.01	time (dB)	(dB)
60	QPSK	1	1	20.17	20.25	20.17	21.0	0.0
Channel				646334	650000	651668	Turn-up	MPRR
Frequency (MHz)				3725.01	3750	3775.02	time (dB)	(dB)
50	QPSK	1	1	20.12	20.15	20.15	21.0	0.0
Channel				646300	650000	652000	Turn-up	MPRR
Frequency (MHz)				3720	3750	3780	time (dB)	(dB)
40	QPSK	1	1	20.15	20.24	20.13	21.0	0.0
Channel				647668	650000	652334	Turn-up	MPRR
Frequency (MHz)				3715.02	3750	3785.01	time (dB)	(dB)
30	QPSK	1	1	20.12	20.18	20.15	21.0	0.0
Channel				647500	650000	652500	Turn-up	MPRR
Frequency (MHz)				3712.5	3750	3787.5	time (dB)	(dB)
25	QPSK	1	1	20.18	20.18	20.15	21.0	0.0
Channel				647334	650000	652668	Turn-up	MPRR
Frequency (MHz)				3710.01	3750	3793.02	time (dB)	(dB)
20	QPSK	1	1	20.12	20.21	20.08	21.0	0.0
Channel				647168	650000	652834	Turn-up	MPRR
Frequency (MHz)				3707.52	3750	3792.51	time (dB)	(dB)
15	QPSK	1	1	20.19	20.19	20.11	21.0	0.0
Channel				647000	650000	653000	Turn-up	MPRR
Frequency (MHz)				3705	3750	3795	time (dB)	(dB)
10	QPSK	1	1	20.18	20.23	20.05	21.0	0.0

Part27Q n78 Ant1 DSI5 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch./ Freq.	Power Mid Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dB)	MPR (dB)
Channel				433334	633334			
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1		17.03			
100	1/2 BPSK	1	137		17.20		18.0	0.0
100	1/2 BPSK	1	271		17.19			
100	1/2 BPSK	135	0		17.30		18.0	0.0
100	1/2 BPSK	135	69		17.19		18.0	0.0
100	1/2 BPSK	135	138		17.26			
100	1/2 BPSK	270	0		17.19		18.0	0.0
100	QPSK	1	1		17.35			
100	QPSK	1	137		17.20		18.0	0.0
100	QPSK	1	271		17.09			
100	QPSK	135	0		17.24		18.0	0.0
100	QPSK	135	69		17.34		18.0	0.0
100	QPSK	135	138		17.05		18.0	0.0
100	QPSK	270	0		17.25			
100	16QAM	1	1		17.02		18.0	0.0
100	16QAM	1	137		17.04		18.0	0.0
100	256QAM	1	1		17.03			
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	17.21	17.21	17.17	18.0	0.0
Channel				633000	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510.00	limit	(dB)
80	QPSK	1	1	17.26	17.18	17.12	18.0	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	17.20	17.14	17.16	18.0	0.0
Channel				633000	633334	634500	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	17.19	17.28	17.16	18.0	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3472.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	17.24	17.16	17.21	18.0	0.0
Channel				631834	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	17.25	17.19	17.11	18.0	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	17.21	17.25	17.10	18.0	0.0
Channel				630334	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	17.22	17.18	17.09	18.0	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	17.23	17.21	17.09	18.0	0.0
Channel				630834	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	17.28	17.17	17.16	18.0	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3550.01	limit	(dB)
10	QPSK	1	1	17.29	17.20	17.13	18.0	0.0

Part27Q n78 PC2 Ant1 DSI5 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power 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		20.08			
100	1/2 BPSK	1	137		20.27		21.0	0.0
100	1/2 BPSK	1	271		20.14			
100	1/2 BPSK	135	0		20.26		21.0	0.0
100	1/2 BPSK	135	69		20.33		21.0	0.0
100	1/2 BPSK	135	138		20.31		21.0	0.0
100	1/2 BPSK	270	0		20.33		21.0	0.0
100	QPSK	1	1		20.37			
100	QPSK	1	137		20.35		21.0	0.0
100	QPSK	1	271		20.26			
100	QPSK	135	0		20.33		21.0	0.0
100	QPSK	135	69		20.35		21.0	0.0
100	QPSK	135	138		20.33		21.0	0.0
100	QPSK	270	0		20.33		21.0	0.0
100	16QAM	1	1		20.15		21.0	0.0
100	16QAM	1	137		19.53		21.0	0.0
100	16QAM	1	271		19.50		21.0	0.0
100	256QAM	1	1		19.50		21.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3445	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	20.28	20.28	20.16	21.0	0.0
Channel				633000	633334	634000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3510.01	limit	(dB)
80	QPSK	1	1	20.27	20.33	20.18	21.0	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	20.20	20.33	20.26	21.0	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	20.26	20.28	20.18	21.0	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	20.26	20.26	20.22	21.0	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	20.20	20.28	20.19	21.0	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	20.21	20.26	20.15	21.0	0.0
Channel				630668	633334	636334	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	20.19	20.31	20.27	21.0	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3462.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	20.25	20.33	20.21	21.0	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	20.27	20.26	20.22	21.0	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3456.01	3500.01	3546.01	limit	(dB)
10	QPSK	1	1	20.26	20.37	20.23	21.0	0.0

n2 Ant2 DSI5 Main PA									
BW [MHz]	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	1/2 BPSK	1	1	18.83	18.94	18.76		20.0	0.0
40	1/2 BPSK	1	108	18.73	18.85	18.62			
40	1/2 BPSK	1	214	18.82	18.98	18.59			
40	1/2 BPSK	108	0	18.54	18.76	18.71	20.0	0.0	0.0
40	1/2 BPSK	108	54	18.77	18.83	18.68	20.0	0.0	0.0
40	1/2 BPSK	108	108	18.80	18.91	18.81	20.0	0.0	0.0
40	1/2 BPSK	216	0	18.31	18.37	18.29		20.0	0.0
40	QPSK	1	1	18.87	19.01	18.57			
40	QPSK	1	108	18.62	18.83	18.67	20.0		
40	QPSK	1	214	18.95	18.99	18.85		20.0	0.0
40	QPSK	108	0	18.74	18.72	18.60	20.0		
40	QPSK	108	54	18.94	18.98	18.93	20.0		
40	QPSK	108	108	18.82	18.91	18.75	20.0	0.0	0.0
40	QPSK	216	0	18.72	18.86	18.84		20.0	0.0
40	16QAM	1	1	18.51	18.59	18.51	20.0		
40	16QAM	1	1	18.54	18.66	18.61	20.0		
40	256QAM	1	1	18.61	18.65	18.61	20.0	0.0	0.0
Channel				373500	376000	376500	Tune-up MPR		
Frequency (MHz)				1867.5	1880	1892.5	limit (dB)		
35	QPSK	1	1	18.71	18.90	18.88	20.0	0.0	0.0
Channel				373000	376000	379000	Tune-up MPR		
Frequency (MHz)				1868	1880	1895	limit (dB)		
30	QPSK	1	1	18.72	18.91	18.90	20.0	0.0	0.0
Channel				372500	376000	379500	Tune-up MPR		
Frequency (MHz)				1862.5	1880	1897.5	limit (dB)		
25	QPSK	1	1	18.80	18.91	18.96	20.0	0.0	0.0
Channel				372000	376000	380000	Tune-up MPR		
Frequency (MHz)				1860	1880	1900	limit (dB)		
20	QPSK	1	1	18.77	18.79	18.98	20.0	0.0	0.0
Channel				371500	376000	380500	Tune-up MPR		
Frequency (MHz)				1857.5	1860	1902.5	limit (dB)		
15	QPSK	1	1	18.77	18.88	18.92	20.0	0.0	0.0
Channel				371000	376000	381000	Tune-up MPR		
Frequency (MHz)				1855	1880	1905	limit (dB)		
10	QPSK	1	1	18.79	18.91	18.91	20.0	0.0	0.0
Channel				370500	376000	381500	Tune-up MPR		
Frequency (MHz)				1852.5	1860	1907.5	limit (dB)		
5	QPSK	1	1	18.75	18.80	18.90	20.0	0.0	0.0

n7 Ant2 DSI5 Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	1/2 BPSK	1	1	16.41	16.46	16.20		17.5	0.0
40	1/2 BPSK	1	108	16.17	16.23	16.29			
40	1/2 BPSK	1	214	16.35	16.43	16.43			
40	1/2 BPSK	108	0	16.15	16.28	16.08	17.5	0.0	0.0
40	1/2 BPSK	108	54	16.27	16.24	16.14	17.5	0.0	0.0
40	1/2 BPSK	108	108	16.28	16.42	16.32	17.5	0.0	0.0
40	1/2 BPSK	216	0	15.83	16.00	15.94		17.5	0.0
40	QPSK	1	1	16.44	16.45	16.43			
40	QPSK	1	108	16.14	16.27	16.22	17.5		
40	QPSK	1	214	16.47	16.44	16.41		17.5	0.0
40	QPSK	108	0	16.20	16.31	16.03	17.5		
40	QPSK	108	54	16.30	16.45	16.43	17.5		
40	QPSK	108	108	16.25	16.31	16.25	17.5	0.0	0.0
40	QPSK	216	0	16.28	16.39	16.36		17.5	0.0
40	16QAM	1	1	16.14	16.36	15.85	17.5		
40	16QAM	1	1	15.90	16.02	16.01	17.5		
40	256QAM	1	1	16.12	16.11	16.07	17.5	0.0	0.0
Channel				503500	507000	510500	Tune-up MPR		
Frequency (MHz)				2517.5	2535	2552.5	limit (dB)		
35	QPSK	1	1	16.37	16.41	16.41	17.5	0.0	0.0
Channel				503000	507000	511000	Tune-up MPR		
Frequency (MHz)				2515	2535	2555	limit (dB)		
30	QPSK	1	1	16.38	16.38	16.43	17.5	0.0	0.0
Channel				502500	507000	511500	Tune-up MPR		
Frequency (MHz)				2512.5	2535	2557.5	limit (dB)		
25	QPSK	1	1	16.36	16.42	16.36	17.5	0.0	0.0
Channel				502000	507000	512000	Tune-up MPR		
Frequency (MHz)				2510	2535	2560	limit (dB)		
20	1/2 BPSK	1	1	16.41	16.45	16.35	17.5	0.0	0.0
Channel				501500	507000	512500	Tune-up MPR		
Frequency (MHz)				2507.5	2535	2562.5	limit (dB)		
15	QPSK	1	1	16.38	16.43	16.42	17.5	0.0	0.0
Channel				501000	507000	513000	Tune-up MPR		
Frequency (MHz)				2505	2535	2565	limit (dB)		
10	QPSK	1	1	16.35	16.35	16.34	17.5	0.0	0.0
Channel				500500	507000	513500	Tune-up MPR		
Frequency (MHz)				2502.5	2535	2567.5	limit (dB)		
5	QPSK	1	1	16.41	16.40	16.42	17.5	0.0	0.0

n66 Ant2 DSI5 Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	1/2 BPSK	1	1	19.15	19.22	18.93		20.0	0.0
40	1/2 BPSK	1	108	18.96	19.04	18.96			
40	1/2 BPSK	1	214	19.16	19.28	19.07			
40	1/2 BPSK	108	0	18.94	18.99	18.94	20.0	0.0	0.0
40	1/2 BPSK	108	54	19.10	19.08	18.95	20.0	0.0	0.0
40	1/2 BPSK	108	108	19.02	19.19	19.03	20.0	0.0	0.0
40	1/2 BPSK	216	0	18.63	18.58	18.54		20.0	0.0
40	QPSK	1	1	19.19	19.34	19.22			
40	QPSK	1	108	19.04	19.11	18.83	20.0		
40	QPSK	1	214	19.27	19.33	19.00		20.0	0.0
40	QPSK	108	0	18.92	19.12	18.86	20.0		
40	QPSK	108	54	19.06	19.31	19.08	20.0		
40	QPSK	108	108	19.05	19.00	18.98	20.0	0.0	0.0
40	QPSK	216	0	18.98	19.24	19.15		20.0	0.0
40	16QAM	1	1	18.85	18.85	18.77	20.0		
40	16QAM	1	1	18.66	18.95	18.82	20.0		
40	256QAM	1	1	18.95	18.96	18.76	20.0	0.0	0.0
Channel				345500	349000	352500	Tune-up MPR		
Frequency (MHz)				1727.5	1745	1762.5	limit (dB)		
35	QPSK	1	1	19.21	19.25	19.03	20.0	0.0	0.0
Channel				345000	349000	353000	Tune-up MPR		
Frequency (MHz)				1725	1745	1765	limit (dB)		
30	QPSK	1	1	19.14	19.19	19.08	20.0	0.0	0.0
Channel				344500	349000	353500	Tune-up MPR		
Frequency (MHz)				1722.5	1745	1767.5	limit (dB)		
25	QPSK	1	1	19.16	19.26	19.12	20.0	0.0	0.0
Channel				344000	349000	354000	Tune-up MPR		
Frequency (MHz)				1720	1745	1770	limit (dB)		
20	QPSK	1	1	19.20	19.27	19.11	20.0	0.0	0.0
Channel				343500	349000	354500	Tune-up MPR		
Frequency (MHz)				1717.5	1745	1772.5	limit (dB)		
15	QPSK	1	1	19.17	19.23	19.10	20.0	0.0	0.0
Channel				343000	349000	355000	Tune-up MPR		
Frequency (MHz)				1715	1745	1775	limit (dB)		
10	QPSK	1	1	19.20	19.23	19.09	20.0	0.0	0.0
Channel				342500	349000	355500	Tune-up MPR		
Frequency (MHz)				1712.5	1745	1777.5	limit (dB)		
5	QPSK	1	1	19.13	19.24	19.12	20.0	0.0	0.0

n38 Ant2 DSI5 Main PA									
BW [MHz]	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	16.54	16.64	16.52		17.5	0.0
40	1/2 BPSK	1	53	16.16	16.41	16.15			
40	1/2 BPSK	1	104	16.29	16.25	16.23			
40	1/2 BPSK	50	0	16.39	16.42	16.27	17.5	0.0	
40	1/2 BPSK	50	28	16.42	16.40	16.25	17.5	0.0	
40	1/2 BPSK	50	59	16.24	16.33	16.26		17.5	0.0
40	1/2 BPSK	100	0	16.47	16.44	16.35			
40	QPSK	1	1	16.62	16.65	16.60			
40	QPSK	1	53	16.31	16.48	16.31	17.5	0.0	
40	QPSK	1	104	16.37	16.36	16.29		17.5	0.0
40	QPSK	50	0	16.40	16.47	16.37			
40	QPSK	50	28	16.42	16.50	16.41	17.5	0.0	
40	QPSK	50	59	16.14	16.23	16.19	17.5	0.0	
40	QPSK	100	0	16.41	16.44	16.38		17.5	0.0
40	16QAM	1	1	16.38	16.50	16.27	17.5		
40	64QAM	1	1	16.24	16.37	16.28	17.5		
40	256QAM	1	1	16.28	16.38	16.20	17.5	0.0	
Channel				517002	519000	520998	Tune-up	MPR	
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)	
30	QPSK	1	1	16.45	16.50	16.47	17.5	0.0	
Channel				516504	519000	521496	Tune-up	MPR	
Frequency (MHz)				2592.52	2595	2607.48	limit	(dB)	
25	QPSK	1	1	16.51	16.44	16.46	17.5	0.0	
Channel				516000	519000	522000	Tune-up	MPR	
Frequency (MHz)				2580	2595	2610	limit	(dB)	
20	QPSK	1	1	16.45	16.48	16.39	17.5	0.0	
Channel				515502	519000	522498	Tune-up	MPR	
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)	
15	QPSK	1	1	16.52	16.51	16.38	17.5	0.0	
Channel				515004	519000	522996	Tune-up	MPR	
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)	
10	QPSK	1	1	16.45	16.53	16.44	17.5	0.0	

n41 Ant2 DSI5 Main PA									
BW [MHz]	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	16.50	16.61	16.49		17.5	0.0
100	1/2 BPSK	1	137	16.15	16.25	16.15			
100	1/2 BPSK	1	271	16.23	16.25	16.21			
100	1/2 BPSK	135	0	16.40	16.47	16.24	17.5	0.0	
100	1/2 BPSK	135	69	16.36	16.49	16.31	17.5	0.0	
100	1/2 BPSK	135	138	16.35	16.37	16.25		17.5	0.0
100	1/2 BPSK	270	0	16.45	16.52	16.22			
100	QPSK	1	1	16.57	16.68	16.60			
100	QPSK	1	137	16.46	16.43	16.38	17.5	0.0	
100	QPSK	1	271	16.35	16.39	16.36		17.5	0.0
100	QPSK	135	0	16.30	16.40	16.35			
100	QPSK	135	69	16.35	16.43	16.32	17.5	0.0	
100	QPSK	135	138	16.07	16.18	16.20	17.5	0.0	
100	QPSK	270	0	16.40	16.49	16.28		17.5	0.0
100	16QAM	1	1	16.36	16.50	16.20	17.5		
100	64QAM	1	1	16.21	16.43	16.29	17.5		
100	256QAM	1	1	16.34	16.37	16.24	17.5	0.0	
Channel				508200	518598	528996	Tune-up	MPR	
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)	
90	QPSK	1	1	16.41	16.57	16.48	17.5	0.0	
Channel				507204	518598	529998	Tune-up	MPR	
Frequency (MHz)				2533.02	2592.99	2649.99	limit	(dB)	
80	QPSK	1	1	16.49	16.61	16.43	17.5	0.0	
Channel				506202	518598	531000	Tune-up	MPR	
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)	
70	QPSK	1	1	16.48	16.54	16.54	17.5	0.0	
Channel				505200	518598	531996	Tune-up	MPR	
Frequency (MHz)				2529	2592.99	2659.98	limit	(dB)	
60	QPSK	1	1	16.52	16.65	16.58	17.5	0.0	
Channel				504204	518598	532998	Tune-up	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)	
50	QPSK	1	1	16.49	16.58	16.53	17.5	0.0	
Channel				503202	518598	534000	Tune-up	MPR	
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)	
40	QPSK	1	1	16.45	16.64	16.50	17.5	0.0	
Channel				502200	518598	534996	Tune-up	MPR	
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)	
30	QPSK	1	1	16.41	16.60	16.50	17.5	0.0	
Channel				502200	518598	534996	Tune-up	MPR	
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)	
25	QPSK	1	1	16.47	16.54	16.49	0.0	0.0	
Channel				501204	518598	535998	Tune-up	MPR	
Frequency (MHz)				2606.02	2592.99	2679.99	limit	(dB)	
20	QPSK	1	1	16.49	16.60	16.54	17.5	0.0	
Channel				500700	518598	536496	Tune-up	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)	
15	QPSK	1	1	16.43	16.60	16.54	17.5	0.0	
Channel				500202	518598	537000	Tune-up	MPR	
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)	
10	QPSK	1	1	16.49	16.63	16.53	17.5	0.0	

n2 Ant3 DSI5 Main PA

BW [MHz]	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)				1670	1680	1690		
40	1/2 BPSK	1	1	19.80	19.94	19.86	21.5	0.0
40	1/2 BPSK	1	108	19.83	19.91	19.77		
40	1/2 BPSK	1	214	19.90	19.92	19.82		
40	1/2 BPSK	108	0	19.63	19.75	19.66	21.5	0.0
40	1/2 BPSK	108	54	19.60	19.74	19.63	21.5	0.0
40	1/2 BPSK	108	108	19.73	19.94	19.89	21.5	0.0
40	1/2 BPSK	216	0	19.87	19.98	19.83		
40	QPSK	1	1	20.01	20.02	19.97		
40	QPSK	1	108	19.82	19.96	19.79	21.5	0.0
40	QPSK	1	214	19.90	20.00	19.92		
40	QPSK	108	0	19.83	19.90	19.85	21.5	0.0
40	QPSK	108	54	19.94	20.01	19.96	21.5	0.0
40	QPSK	108	108	19.89	19.92	19.85	21.5	0.0
40	QPSK	216	0	19.87	19.98	19.81		
40	16QAM	1	1	19.55	19.79	19.72	21.5	0.0
40	64QAM	1	1	19.73	19.75	19.77	21.5	0.0
40	256QAM	1	1	18.83	18.87	18.80	20.5	1.0
Channel				372500	376000	378500	Tune-up	MPR
Frequency (MHz)				1867.5	1880	1892.5	limit	(dB)
35	QPSK	1	1	19.94	19.95	19.76	21.5	0.0
Channel				373000	376000	379000	Tune-up	MPR
Frequency (MHz)				1895	1890	1895	limit	(dB)
30	QPSK	1	1	19.98	19.88	19.82	21.5	0.0
Channel				372500	376000	379500	Tune-up	MPR
Frequency (MHz)				1862.5	1880	1897.5	limit	(dB)
25	QPSK	1	1	19.96	19.87	19.75	21.5	0.0
Channel				372000	376000	380000	Tune-up	MPR
Frequency (MHz)				1860	1880	1900	limit	(dB)
20	QPSK	1	1	19.92	19.85	19.74	21.5	0.0
Channel				371500	376000	380500	Tune-up	MPR
Frequency (MHz)				1857.5	1880	1902.5	limit	(dB)
15	QPSK	1	1	19.98	19.95	19.77	21.5	0.0
Channel				371000	376000	381000	Tune-up	MPR
Frequency (MHz)				1855	1880	1905	limit	(dB)
10	QPSK	1	1	19.94	19.92	19.85	21.5	0.0
Channel				370500	376000	381500	Tune-up	MPR
Frequency (MHz)				1852.5	1880	1907.5	limit	(dB)
5	QPSK	1	1	19.99	19.87	19.78	21.5	0.0

n7 Ant3 DSI5 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	1/2 BPSK	1	1	19.93	20.04	19.95	21.5	0.0
40	1/2 BPSK	1	108	19.88	20.08	19.78		
40	1/2 BPSK	1	214	20.02	20.03	19.95		
40	1/2 BPSK	108	0	19.67	19.92	19.79	21.5	0.0
40	1/2 BPSK	108	54	19.72	19.82	19.73	21.5	0.0
40	1/2 BPSK	108	108	19.92	19.92	19.97	21.5	0.0
40	1/2 BPSK	216	0	19.99	20.10	19.93		
40	QPSK	1	1	20.04	20.13	20.09		
40	QPSK	1	108	19.98	20.05	19.88	21.5	0.0
40	QPSK	1	214	20.04	19.97	20.12		
40	QPSK	108	0	19.94	20.05	19.91	21.5	0.0
40	QPSK	108	54	19.93	20.10	20.04	21.5	0.0
40	QPSK	108	108	19.92	20.01	20.05	21.5	0.0
40	QPSK	216	0	20.02	20.11	19.92		
40	16QAM	1	1	19.75	19.95	19.73	21.5	0.0
40	64QAM	1	1	19.78	19.85	19.82	21.5	0.0
40	256QAM	1	1	18.96	18.97	18.96	20.5	1.0
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	19.98	19.98	19.94	21.5	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	19.96	20.02	19.99	21.5	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	19.99	20.02	19.96	21.5	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	1/2 BPSK	1	1	19.97	20.03	19.98	21.5	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	19.98	19.97	19.95	21.5	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	19.95	19.96	19.97	21.5	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2577.5	limit	(dB)
5	QPSK	1	1	19.97	20.00	19.97	21.5	0.0

n66 Ant3 DSI5 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	1/2 BPSK	1	1	20.52	20.64	20.57	22.0	0.0
40	1/2 BPSK	1	108	20.49	20.56	20.44		
40	1/2 BPSK	1	214	20.58	20.63	20.56		
40	1/2 BPSK	108	0	20.35	20.44	20.30	22.0	0.0
40	1/2 BPSK	108	54	20.41	20.49	20.41	22.0	0.0
40	1/2 BPSK	108	108	20.45	20.49	20.54	22.0	0.0
40	1/2 BPSK	216	0	20.62	20.69	20.48		
40	QPSK	1	1	20.75	20.77	20.71		
40	QPSK	1	108	20.52	20.48	20.51	22.0	0.0
40	QPSK	1	214	20.62	20.75	20.59		
40	QPSK	108	0	20.47	20.58	20.52	22.0	0.0
40	QPSK	108	54	20.69	20.72	20.64	22.0	0.0
40	QPSK	108	108	20.60	20.70	20.68	22.0	0.0
40	QPSK	216	0	20.63	20.64	20.62		
40	16QAM	1	1	20.24	20.51	20.43	22.0	0.0
40	64QAM	1	1	20.42	20.46	20.50	22.0	0.0
40	256QAM	1	1	18.95	19.04	18.93	20.5	1.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	20.58	20.65	20.63	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	20.63	20.73	20.58	22.0	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	20.61	20.68	20.59	22.0	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	20.60	20.67	20.63	22.0	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	20.59	20.68	20.59	22.0	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	20.63	20.67	20.64	22.0	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	20.63	20.68	20.63	22.0	0.0

n38 Ant3 DSI5 Main PA

BW [MHz]	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	20.48	20.67	20.66		
40	1/2 BPSK	1	53	20.48	20.49	20.38	22.0	0.0
40	1/2 BPSK	1	104	20.50	20.55	20.54		
40	1/2 BPSK	50	0	20.24	20.52	20.31	22.0	0.0
40	1/2 BPSK	50	28	20.44	20.48	20.25	22.0	0.0
40	1/2 BPSK	50	56	20.46	20.52	20.52	22.0	0.0
40	1/2 BPSK	100	0	20.68	20.70	20.57		
40	QPSK	1	1	20.67	20.72	20.69		
40	QPSK	1	53	20.48	20.61	20.42	22.0	0.0
40	QPSK	1	104	20.58	20.66	20.57		
40	QPSK	50	0	20.58	20.60	20.60	22.0	0.0
40	QPSK	50	28	20.64	20.69	20.63	22.0	0.0
40	QPSK	50	56	20.53	20.64	20.64	22.0	0.0
40	QPSK	100	0	20.59	20.67	20.58		
40	16QAM	1	1	20.33	20.53	20.44	22.0	0.0
40	64QAM	1	1	20.38	20.47	20.40	22.0	0.0
40	256QAM	1	1	19.00	19.14	19.06	20.5	1.5
Channel				517002	519000	520998	Tune-up	MPR
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)
30	QPSK	1	1	20.65	20.64	20.60	22.0	0.0
Channel				516504	519000	521496	Tune-up	MPR
Frequency (MHz)				2582.52	2595	2607.48	limit	(dB)
25	QPSK	1	1	20.62	20.67	20.50	22.0	0.0
Channel				516000	519000	522000	Tune-up	MPR
Frequency (MHz)				2580	2595	2610	limit	(dB)
20	QPSK	1	1	20.69	20.66	20.54	22.0	0.0
Channel				515502	519000	522498	Tune-up	MPR
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)
15	QPSK	1	1	20.60	20.68	20.59	22.0	0.0
Channel				515004	519000	522996	Tune-up	MPR
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)
10	QPSK	1	1	20.65	20.60	20.58	22.0	0.0

n41 Ant3 DSI5 Main PA

BW [MHz]	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	20.55	20.75	20.64		
100	1/2 BPSK	1	137	20.62	20.66	20.46	22.0	0.0
100	1/2 BPSK	1	271	20.71	20.78	20.51		
100	1/2 BPSK	135	0	20.27	20.63	20.43	22.0	0.0
100	1/2 BPSK	135	69	20.40	20.73	20.32	22.0	0.0
100	1/2 BPSK	135	138	20.64	20.73	20.58	22.0	0.0
100	1/2 BPSK	270	0	20.69	20.76	20.61		
100	QPSK	1	1	20.81	20.84	20.82		
100	QPSK	1	137	20.54	20.76	20.60	22.0	0.0
100	QPSK	1	271	20.68	20.76	20.71		
100	QPSK	135	0	20.73	20.74	20.73	22.0	0.0
100	QPSK	135	69	20.66	20.77	20.71	22.0	0.0
100	QPSK	135	138	20.54	20.73	20.75	22.0	0.0
100	QPSK	270	0	20.64	20.82	20.76		
100	16QAM	1	1	20.42	20.56	20.66	22.0	0.0
100	64QAM	1	1	20.52	20.60	20.59	22.0	0.0
100	256QAM	1	1	19.08	19.21	19.14	20.5	1.5
Channel				508200	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	QPSK	1	1	20.43	20.63	20.62	22.0	0.0
Channel				507204	518598	529998	Tune-up	MPR
Frequency (MHz)				2533.02	2592.99	2649.99	limit	(dB)
80	QPSK	1	1	20.42	20.64	20.50	22.0	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)
70	QPSK	1	1	20.36	20.55	20.63	22.0	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2529	2592.99	2659.98	limit	(dB)
60	QPSK	1	1	20.39	20.54	20.59	22.0	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2524.02	2592.99	2664.99	limit	(dB)
50	QPSK	1	1	20.44	20.55	20.53	22.0	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	QPSK	1	1	20.37	20.64	20.58	22.0	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	QPSK	1	1	20.46	20.53	20.58	22.0	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
25	QPSK	1	1	20.47	20.54	20.65	0.0	0.0
Channel				501204	518598	535998	Tune-up	MPR
Frequency (MHz)				2606.02	2692.99	2679.99	limit	(dB)
20	QPSK	1	1	20.42	20.63	20.61	22.0	0.0
Channel				500700	518598	536496	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	QPSK	1	1	20.45	20.64	20.55	22.0	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	QPSK	1	1	20.39	20.63	20.57	22.0	0.0

n7 Ant4 DSI5 Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	1/2 BPSK	1	1	18.04	18.21	18.10		19.5	0.0
40	1/2 BPSK	1	108	18.15	18.19	18.11			
40	1/2 BPSK	1	214	18.17	18.11	18.16			
40	1/2 BPSK	108	0	18.05	18.18	18.07	19.5	0.0	
40	1/2 BPSK	108	54	18.18	18.22	18.06	19.5	0.0	
40	1/2 BPSK	108	108	17.94	18.13	17.90	19.5	0.0	
40	1/2 BPSK	216	0	17.98	18.03	17.96		19.5	0.0
40	QPSK	1	1	18.23	18.24	18.19			
40	QPSK	1	108	18.02	18.12	18.12	19.5		
40	QPSK	1	214	18.16	18.20	18.03		19.5	0.0
40	QPSK	108	0	18.06	18.16	17.98	19.5		
40	QPSK	108	54	18.07	18.23	18.22	19.5		
40	QPSK	108	108	18.07	18.11	18.05	19.5	0.0	
40	QPSK	216	0	18.10	18.20	18.19		19.5	0.0
40	16QAM	1	1	17.94	18.09	18.03	19.5		
40	64QAM	1	1	17.82	18.03	17.99	19.5		
40	256QAM	1	1	17.89	18.00	17.99	19.5	0.0	
Channel				503500	507000	510500	Tune-up	MPR	
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)	
35	QPSK	1	1	18.14	18.22	18.17	19.5	0.0	
Channel				503000	507000	511000	Tune-up	MPR	
Frequency (MHz)				2515	2535	2555	limit	(dB)	
30	QPSK	1	1	18.22	18.21	18.23	19.5	0.0	
Channel				502500	507000	511500	Tune-up	MPR	
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)	
25	QPSK	1	1	18.13	18.16	18.23	19.5	0.0	
Channel				502000	507000	512000	Tune-up	MPR	
Frequency (MHz)				2510	2535	2560	limit	(dB)	
20	1/2 BPSK	1	1	18.20	18.17	18.16	19.5	0.0	
Channel				501500	507000	512500	Tune-up	MPR	
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)	
15	QPSK	1	1	18.12	18.15	18.20	19.5	0.0	
Channel				501000	507000	513000	Tune-up	MPR	
Frequency (MHz)				2505	2535	2565	limit	(dB)	
10	QPSK	1	1	18.11	18.20	18.19	19.5	0.0	
Channel				500500	507000	513500	Tune-up	MPR	
Frequency (MHz)				2502.5	2535	2572.5	limit	(dB)	
5	QPSK	1	1	18.21	18.18	18.20	19.5	0.0	

n66 Ant4 DSI5 Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	1/2 BPSK	1	1	19.18	19.36	19.14		20.5	0.0
40	1/2 BPSK	1	108	19.26	19.15	19.27			
40	1/2 BPSK	1	214	19.25	19.30	19.16			
40	1/2 BPSK	108	0	19.07	19.32	19.08	20.5	0.0	
40	1/2 BPSK	108	54	19.33	19.33	19.22	20.5	0.0	
40	1/2 BPSK	108	108	19.10	19.22	18.93	20.5	0.0	
40	1/2 BPSK	216	0	19.05	18.21	19.10		20.5	0.0
40	QPSK	1	1	19.33	19.41	19.34			
40	QPSK	1	108	19.14	19.27	19.28	20.5		
40	QPSK	1	214	19.19	19.38	19.17		20.5	0.0
40	QPSK	108	0	19.13	19.28	19.07	20.5		
40	QPSK	108	54	19.22	19.37	19.31	20.5		
40	QPSK	108	108	19.14	19.29	19.10	20.5	0.0	
40	QPSK	216	0	19.27	19.37	19.23		20.5	0.0
40	16QAM	1	1	19.08	19.10	19.07	20.5		
40	64QAM	1	1	19.01	19.10	19.12	20.5		
40	256QAM	1	1	19.09	19.21	19.01	20.5	0.0	
Channel				345500	349000	352500	Tune-up	MPR	
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)	
35	QPSK	1	1	19.33	19.36	19.19	20.5	0.0	
Channel				345000	349000	353000	Tune-up	MPR	
Frequency (MHz)				1725	1745	1765	limit	(dB)	
30	QPSK	1	1	19.28	19.33	19.24	20.5	0.0	
Channel				344500	349000	353500	Tune-up	MPR	
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)	
25	QPSK	1	1	19.23	19.36	19.25	20.5	0.0	
Channel				344000	349000	354000	Tune-up	MPR	
Frequency (MHz)				1720	1745	1770	limit	(dB)	
20	QPSK	1	1	19.32	19.39	19.26	20.5	0.0	
Channel				343500	349000	354500	Tune-up	MPR	
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)	
15	QPSK	1	1	19.32	19.40	19.19	20.5	0.0	
Channel				343000	349000	355000	Tune-up	MPR	
Frequency (MHz)				1715	1745	1775	limit	(dB)	
10	QPSK	1	1	19.29	19.35	19.21	20.5	0.0	
Channel				342500	349000	355500	Tune-up	MPR	
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)	
5	QPSK	1	1	19.25	19.33	19.25	20.5	0.0	

n38 Ant4 DSI5 Main PA								
BW [MHz]	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	19.5	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	18.15	18.28	18.04	19.5	0.0
40	1/2 BPSK	1	53	18.00	18.09	17.98		
40	1/2 BPSK	1	104	17.96	18.02	17.98	19.5	0.0
40	1/2 BPSK	50	0	18.08	18.19	18.06		
40	1/2 BPSK	50	28	18.03	18.19	18.15	19.5	0.0
40	1/2 BPSK	50	59	18.00	18.04	18.03		
40	1/2 BPSK	100	0	17.95	18.14	17.92	19.5	0.0
40	QPSK	1	1	18.30	18.33	18.23		
40	QPSK	1	53	18.09	18.25	18.24	19.5	0.0
40	QPSK	1	104	17.96	18.05	17.90		
40	QPSK	50	0	18.26	18.27	18.24	19.5	0.0
40	QPSK	50	28	18.26	18.28	18.25		
40	QPSK	50	59	17.91	18.08	17.95	19.5	0.0
40	QPSK	100	0	18.16	18.27	18.17		
40	16QAM	1	1	18.13	18.17	18.10	19.5	0.0
40	64QAM	1	1	18.12	18.13	18.13		
40	256QAM	1	1	18.00	18.13	18.09	19.5	0.0
Channel				517002	519000	520998		
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)
30	QPSK	1	1	18.10	18.18	18.20	19.5	0.0
Channel				516504	519000	521496		
Frequency (MHz)				2592.52	2595	2607.48	limit	(dB)
25	QPSK	1	1	18.14	18.19	18.10	19.5	0.0
Channel				516000	519000	522000		
Frequency (MHz)				2580	2595	2610	limit	(dB)
20	QPSK	1	1	18.06	18.21	18.14	19.5	0.0
Channel				515502	510000	522498		
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)
15	QPSK	1	1	18.11	18.19	18.12	19.5	0.0
Channel				515004	519000	522996		
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)
10	QPSK	1	1	18.04	18.22	18.19	19.5	0.0

n41 Ant4 DSI5 Main PA								
BW [MHz]	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	19.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	18.27	18.30	18.03	19.5	0.0
100	1/2 BPSK	1	137	17.86	18.13	18.09		
100	1/2 BPSK	1	271	18.00	18.03	17.94	19.5	0.0
100	1/2 BPSK	135	0	17.97	18.23	18.07		
100	1/2 BPSK	135	69	18.08	18.16	18.22	19.5	0.0
100	1/2 BPSK	135	138	17.87	18.11	17.99		
100	1/2 BPSK	270	0	18.01	18.11	17.84	19.5	0.0
100	QPSK	1	1	18.31	18.36	18.34		
100	QPSK	1	137	18.21	18.25	18.20	19.5	0.0
100	QPSK	1	271	17.97	18.08	18.02		
100	QPSK	135	0	18.27	18.30	18.24	19.5	0.0
100	QPSK	135	69	18.26	18.32	18.23		
100	QPSK	135	138	17.88	18.13	18.01	19.5	0.0
100	QPSK	270	0	18.08	18.28	18.23		
100	16QAM	1	1	18.07	18.19	18.08	19.5	0.0
100	64QAM	1	1	18.05	18.18	18.09		
100	256QAM	1	1	17.94	18.08	18.02	19.5	0.0
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	QPSK	1	1	18.22	18.32	18.32	19.5	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2533.02	2592.99	2649.99	limit	(dB)
80	QPSK	1	1	18.20	18.23	18.32	19.5	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)
70	QPSK	1	1	18.26	18.29	18.32	19.5	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2529	2592.99	2659.98	limit	(dB)
60	QPSK	1	1	18.22	18.33	18.33	19.5	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2524.02	2592.99	2664.99	limit	(dB)
50	QPSK	1	1	18.23	18.24	18.32	19.5	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	QPSK	1	1	18.22	18.30	18.33	19.5	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	QPSK	1	1	18.24	18.33	18.26	19.5	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
25	QPSK	1	1	18.19	18.28	18.24	0.0	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2606.02	2592.99	2679.99	limit	(dB)
20	QPSK	1	1	18.28	18.29	18.31	19.5	0.0
Channel				500700	518598	536496		
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	QPSK	1	1	18.21	18.32	18.23	19.5	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	QPSK	1	1	18.20	18.30	18.22	19.5	0.0

n7 Ant5 DSI5 Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	1/2 BPSK	1	1	19.29	19.33	19.29		20.5	0.0
40	1/2 BPSK	1	108	19.39	19.34	19.35			
40	1/2 BPSK	1	214	19.32	19.39	19.30			
40	1/2 BPSK	108	0	19.31	19.37	19.29	20.5	0.0	
40	1/2 BPSK	108	54	19.33	19.37	19.28	20.5	0.0	
40	1/2 BPSK	108	108	19.43	19.41	19.38		20.5	0.0
40	1/2 BPSK	216	0	19.36	19.41	19.15			
40	QPSK	1	1	19.48	19.50	19.47			
40	QPSK	1	108	19.38	19.39	19.35	20.5	0.0	
40	QPSK	1	214	19.38	19.44	19.37		20.5	0.0
40	QPSK	108	0	19.34	19.33	19.15			
40	QPSK	108	54	19.41	19.49	19.45			
40	QPSK	108	108	19.12	19.34	19.19	20.5	0.0	
40	QPSK	216	0	19.31	19.41	19.34		20.5	0.0
40	16QAM	1	1	19.18	19.23	19.08			
40	64QAM	1	1	18.02	18.15	18.08	19.5	1.0	
40	256QAM	1	1	16.99	16.16	16.03	17.5	3.0	
Channel				503500	507000	510500	Tune-up	MPR	
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)	
35	QPSK	1	1	19.43	19.47	19.41	20.5	0.0	
Channel				503000	507000	511000	Tune-up	MPR	
Frequency (MHz)				2515	2535	2555	limit	(dB)	
30	QPSK	1	1	19.49	19.49	19.33	20.5	0.0	
Channel				502500	507000	511500	Tune-up	MPR	
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)	
25	QPSK	1	1	19.40	19.42	19.40	20.5	0.0	
Channel				502000	507000	512000	Tune-up	MPR	
Frequency (MHz)				2510	2535	2560	limit	(dB)	
20	1/2 BPSK	1	1	19.43	19.41	19.31	20.5	0.0	
Channel				501500	507000	512500	Tune-up	MPR	
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)	
15	QPSK	1	1	19.47	19.42	19.34	20.5	0.0	
Channel				501000	507000	513000	Tune-up	MPR	
Frequency (MHz)				2505	2535	2565	limit	(dB)	
10	QPSK	1	1	19.46	19.45	19.39	20.5	0.0	
Channel				500500	507000	513500	Tune-up	MPR	
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)	
5	QPSK	1	1	19.42	19.47	19.38	20.5	0.0	

n66 Ant5 DSI5 Main PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	1/2 BPSK	1	1	21.75	21.96	21.83		22.5	0.0
40	1/2 BPSK	1	108	21.87	21.87	21.87			
40	1/2 BPSK	1	214	21.83	21.90	21.83			
40	1/2 BPSK	108	0	21.30	21.35	21.21	22.0	0.5	
40	1/2 BPSK	108	54	21.85	21.86	21.80	22.5	0.0	
40	1/2 BPSK	108	108	21.31	21.49	21.32	22.0	0.5	
40	1/2 BPSK	216	0	21.31	21.43	21.15		22.5	0.0
40	QPSK	1	1	21.96	21.99	21.92			
40	QPSK	1	108	21.80	21.89	21.72			
40	QPSK	1	214	21.91	21.89	21.88		21.5	1.0
40	QPSK	108	0	20.77	20.76	20.70			
40	QPSK	108	54	21.75	21.95	21.91	22.5	0.0	
40	QPSK	108	108	20.88	20.71	20.70	21.5	1.0	
40	QPSK	216	0	20.82	20.93	20.88		20.5	1.0
40	16QAM	1	1	20.59	20.80	20.59			
40	64QAM	1	1	19.15	19.16	19.04	20.0	2.5	
40	256QAM	1	1	17.09	17.19	17.06	18.0	4.5	
Channel				345500	349000	352500	Tune-up	MPR	
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)	
35	QPSK	1	1	21.91	21.81	21.84	0.0	0.0	
Channel				345000	349000	353000	Tune-up	MPR	
Frequency (MHz)				1725	1745	1765	limit	(dB)	
30	QPSK	1	1	21.77	21.90	21.84	22.5	0.0	
Channel				344500	349000	353500	Tune-up	MPR	
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)	
25	QPSK	1	1	21.87	21.87	21.86	22.5	0.0	
Channel				344000	349000	354000	Tune-up	MPR	
Frequency (MHz)				1720	1745	1770	limit	(dB)	
20	QPSK	1	1	21.89	21.83	21.80	22.5	0.0	
Channel				343500	349000	354500	Tune-up	MPR	
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)	
15	QPSK	1	1	21.87	21.89	21.83	22.5	0.0	
Channel				343000	349000	355000	Tune-up	MPR	
Frequency (MHz)				1715	1745	1775	limit	(dB)	
10	QPSK	1	1	21.83	21.83	21.90	22.5	0.0	
Channel				342500	349000	355500	Tune-up	MPR	
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)	
5	QPSK	1	1	21.78	21.83	21.75	22.5	0.0	

n38 Ant5 DSI5 Main PA									
BW [MHz]	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	20.5	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	19.30	19.49	19.34	20.5	0.0	
40	1/2 BPSK	1	53	19.34	19.40	19.23			
40	1/2 BPSK	1	104	19.15	19.33	19.28	20.5	0.0	
40	1/2 BPSK	50	0	19.25	19.33	19.16			
40	1/2 BPSK	50	28	19.32	19.39	19.35	20.5	0.0	
40	1/2 BPSK	50	59	19.15	19.28	19.22			
40	1/2 BPSK	100	0	19.32	19.35	19.16	20.5	0.0	
40	QPSK	1	1	19.46	19.55	19.49			
40	QPSK	1	53	19.22	19.34	19.21	20.5	0.0	
40	QPSK	1	104	19.10	19.23	19.19			
40	QPSK	50	0	19.20	19.33	19.23	20.5	0.0	
40	QPSK	50	28	19.35	19.39	19.25			
40	QPSK	50	59	19.00	19.09	19.02	20.5	0.0	
40	QPSK	100	0	19.17	19.26	19.12			
40	16QAM	1	1	19.55	19.56	19.54	20.5	0.0	
40	64QAM	1	1	18.02	18.17	18.07		19.5	
40	256QAM	1	1	16.09	16.22	16.06	17.5	3.0	
Channel				517002	519000	520998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	19.43	19.49	19.34	20.5	0.0	
Channel				516504	519000	521496		Tune-up limit (dB)	
Frequency (MHz)				2592.52	2595	2607.48	20.5	0.0	
25	QPSK	1	1	19.36	19.49	19.34			
Channel				516000	519000	522000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	19.34	19.49	19.35	20.5	0.0	
Channel				515502	519000	522498		Tune-up limit (dB)	
Frequency (MHz)				2577.51	2595	2612.49	20.5	0.0	
15	QPSK	1	1	19.38	19.43	19.29			
Channel				515004	519000	522996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	19.40	19.52	19.34	20.5	0.0	

n41 Ant5 DSI5 Main PA									
BW [MHz]	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	20.5	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	19.27	19.38	19.26	20.5	0.0	
100	1/2 BPSK	1	137	19.34	19.27	19.29			
100	1/2 BPSK	1	271	19.11	19.30	19.33	20.5	0.0	
100	1/2 BPSK	135	0	19.28	19.44	19.29			
100	1/2 BPSK	135	69	19.46	19.43	19.43	20.5	0.0	
100	1/2 BPSK	135	138	19.15	19.33	19.28			
100	1/2 BPSK	270	0	19.22	19.40	19.16	20.5	0.0	
100	QPSK	1	1	19.53	19.58	19.45			
100	QPSK	1	137	19.26	19.35	19.11	20.5	0.0	
100	QPSK	1	271	19.06	19.12	19.25			
100	QPSK	135	0	19.23	19.31	19.07	20.5	0.0	
100	QPSK	135	69	19.43	19.52	19.40		20.5	
100	QPSK	135	138	19.01	19.18	19.05	20.5	0.0	
100	QPSK	270	0	19.49	19.51	19.43			
100	16QAM	1	1	19.50	19.27	19.54	20.5	0.0	
100	64QAM	1	1	18.09	18.12	18.02		19.5	
100	256QAM	1	1	16.14	16.16	16.12	17.5	3.0	
Channel				508200	518598	526998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	19.42	19.46	19.46	20.5	0.0	
Channel				507204	518598	529998		Tune-up limit (dB)	
Frequency (MHz)				2533.02	2592.99	2649.99	20.5	0.0	
80	QPSK	1	1	19.43	19.51	19.42			
Channel				506202	518598	531000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.44	19.40	19.44	20.5	0.0	
Channel				505200	518598	531996		Tune-up limit (dB)	
Frequency (MHz)				2529	2592.99	2659.98	20.5	0.0	
60	QPSK	1	1	19.49	19.49	19.51			
Channel				504204	518598	532998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	19.49	19.47	19.41	20.5	0.0	
Channel				503202	518598	534000		Tune-up limit (dB)	
Frequency (MHz)				2516.01	2592.99	2670	20.5	0.0	
40	QPSK	1	1	19.49	19.50	19.39			
Channel				502200	518598	534996	Tune-up limit (dB)	MPR	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.48	19.51	19.42	20.5	0.0	
Channel				502200	518598	534996		Tune-up limit (dB)	
Frequency (MHz)				2511	2592.99	2674.98	20.5	0.0	
25	QPSK	1	1	19.42	19.49	19.47			
Channel				501204	518598	535998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2606.02	2592.99	2679.99			
20	QPSK	1	1	19.43	19.41	19.46	20.5	0.0	
Channel				500700	518598	536496		Tune-up limit (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	20.5	0.0	
15	QPSK	1	1	19.50	19.46	19.43			
Channel				500202	518598	537000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	19.50	19.41	19.46	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	1/2 BPSK	1	1	16.26	16.32	16.20		
40	1/2 BPSK	1	53	16.31	16.30	16.20	17.2	0.0
40	1/2 BPSK	1	104	16.32	16.31	16.25		
40	1/2 BPSK	50	0	16.20	16.35	16.23	17.2	0.0
40	1/2 BPSK	50	28	16.31	16.32	16.22	17.2	0.0
40	1/2 BPSK	50	56	16.18	16.22	16.14		
40	1/2 BPSK	100	0	16.23	16.29	16.17	17.2	0.0
40	QPSK	1	1	16.32	16.40	16.34		
40	QPSK	1	53	16.27	16.37	16.26	17.2	0.0
40	QPSK	1	104	16.24	16.32	16.21		
40	QPSK	50	0	16.32	16.34	16.33	17.2	0.0
40	QPSK	50	28	16.36	16.39	16.31	17.2	0.0
40	QPSK	50	56	16.24	16.35	16.31		
40	QPSK	100	0	16.22	16.34	16.32	17.2	0.0
40	16QAM	1	1	16.29	16.31	16.13	17.2	0.0
40	64QAM	1	1	16.29	16.29	16.18	17.2	0.0
40	256QAM	1	1	16.31	16.35	16.24	17.2	0.0
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	16.28	16.35	16.24	17.2	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	16.23	16.32	16.20	17.2	0.0
Channel				637168	641666	645166	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	16.31	16.29	16.20	17.2	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	16.25	16.38	16.23	17.2	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	1/2 BPSK	1	1	16.71	16.83	16.68		
100	1/2 BPSK	1	137	16.62	16.86	16.74	17.2	0.0
100	1/2 BPSK	1	271	16.68	16.90	16.87		
100	1/2 BPSK	135	0	16.66	16.87	16.88	17.2	0.0
100	1/2 BPSK	135	69	16.72	16.85	16.75	17.2	0.0
100	1/2 BPSK	135	138	16.62	16.85	16.74		
100	1/2 BPSK	270	0	16.65	16.91	16.78	17.2	0.0
100	QPSK	1	1	16.69	16.95	16.93		
100	QPSK	1	137	16.55	16.83	16.69	17.2	0.0
100	QPSK	1	271	16.62	16.79	16.74		
100	QPSK	135	0	16.62	16.85	16.75	17.2	0.0
100	QPSK	135	69	16.89	16.93	16.90	17.2	0.0
100	QPSK	135	138	16.72	16.91	16.89		
100	QPSK	270	0	16.85	16.94	16.87	17.2	0.0
100	16QAM	1	1	16.76	16.94	16.85	17.2	0.0
100	64QAM	1	1	16.68	16.89	16.77	17.2	0.0
100	256QAM	1	1	16.72	16.91	16.67	17.2	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	16.86	16.90	16.75	17.2	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	16.93	16.80	16.61	17.2	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	16.86	16.84	16.83	17.2	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	16.85	16.82	16.83	17.2	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	16.94	16.82	16.76	17.2	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	16.90	16.88	16.76	17.2	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	16.93	16.86	16.72	17.2	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	16.87	16.89	16.78	17.2	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	16.94	16.81	16.72	17.2	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	16.89	16.81	16.82	17.2	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	16.90	16.81	16.79	17.2	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	1/2 BPSK	1	1	19.53	19.87	19.91		
100	1/2 BPSK	1	137	19.62	19.86	19.78	20.5	0.0
100	1/2 BPSK	1	271	19.66	19.80	19.76		
100	1/2 BPSK	135	0	19.57	19.81	19.77	20.5	0.0
100	1/2 BPSK	135	69	19.64	19.86	19.82	20.5	0.0
100	1/2 BPSK	135	138	19.68	19.90	19.87		
100	1/2 BPSK	270	0	19.55	19.89	19.74	20.5	0.0
100	QPSK	1	1	19.72	19.95	19.92		
100	QPSK	1	137	19.68	19.87	19.74	20.5	0.0
100	QPSK	1	271	19.56	19.82	19.64		
100	QPSK	135	0	19.62	19.91	19.74	20.5	0.0
100	QPSK	135	69	19.68	19.94	19.83	20.5	0.0
100	QPSK	135	138	19.65	19.92	19.80		
100	QPSK	270	0	19.63	19.92	19.82	20.5	0.0
100	16QAM	1	1	19.56	19.90	19.88	20.5	0.0
100	64QAM	1	1	19.49	19.88	19.80	20.5	0.0
100	256QAM	1	1	19.29	19.41	19.39	20.5	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	19.56	19.81	19.83	20.5	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	19.57	19.91	19.83	20.5	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	19.55	19.90	19.79	20.5	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	19.53	19.81	19.82	20.5	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	19.51	19.85	19.82	20.5	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	19.55	19.87	19.76	20.5	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	19.61	19.81	19.84	20.5	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	19.57	19.87	19.75	20.5	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	19.53	19.85	19.78	20.5	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	19.54	19.91	19.80	20.5	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	19.53	19.89	19.76	20.5	0.0

Part27Q n77 Ant6 DSI5 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		16.86			
100	1/2 BPSK	1	137		16.86		17.2	0.0
100	1/2 BPSK	1	271		16.86			
100	1/2 BPSK	135	0		16.79		17.2	0.0
100	1/2 BPSK	135	69		16.91		17.2	0.0
100	1/2 BPSK	135	138		16.91		17.2	0.0
100	1/2 BPSK	270	0		16.86			
100	QPSK	1	1		16.97		17.2	0.0
100	QPSK	1	137		16.89			
100	QPSK	1	271		16.82			
100	QPSK	135	0		16.76		17.2	0.0
100	QPSK	135	69		16.93		17.2	0.0
100	QPSK	135	138		16.86		17.2	0.0
100	QPSK	270	0		16.94			
100	16QAM	1	1		16.94		17.2	0.0
100	64QAM	1	1		16.89			
100	256QAM	1	1		16.85		17.2	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		16.83	16.91	16.94	17.2 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		16.80	16.93	16.91	17.2 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		16.82	16.83	16.84	17.2 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		16.80	16.87	16.82	17.2 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		16.82	16.84	16.93	17.2 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		16.78	16.87	16.89	17.2 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		16.76	16.91	16.85	17.2 0.0
Channel				630668	633334	635934	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		16.76	16.88	16.89	17.2 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		16.91	16.90	16.84	17.2 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		16.79	16.86	16.88	17.2 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		16.82	16.85	16.94	17.2 0.0

Part27Q n77 PC2 Ant6 DSI5 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		19.84			
100	1/2 BPSK	1	137		19.84		20.5	0.0
100	1/2 BPSK	1	271		19.70			
100	1/2 BPSK	135	0		19.84		20.5	0.0
100	1/2 BPSK	135	69		19.77		20.5	0.0
100	1/2 BPSK	135	138		19.83		20.5	0.0
100	1/2 BPSK	270	0		19.82			
100	QPSK	1	1		19.97		20.5	0.0
100	QPSK	1	137		19.81			
100	QPSK	1	271		19.83			
100	QPSK	135	0		19.77		20.5	0.0
100	QPSK	135	69		19.96		20.5	0.0
100	QPSK	135	138		19.77		20.5	0.0
100	QPSK	270	0		19.93			
100	16QAM	1	1		19.80		20.5	0.0
100	64QAM	1	1		19.69		20.5	0.0
100	256QAM	1	1		19.45		20.5	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		19.77	19.83	19.83	20.5 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		19.73	19.89	19.84	20.5 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		19.76	19.89	19.74	20.5 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		19.70	19.83	19.81	20.5 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		19.72	19.83	19.80	20.5 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		19.73	19.82	19.83	20.5 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		19.73	19.82	19.75	20.5 0.0
Channel				630668	633334	635934	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		19.71	19.87	19.78	20.5 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		19.76	19.80	19.81	20.5 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		19.79	19.81	19.79	20.5 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		19.79	19.82	19.82	20.5 0.0

Part27O n78 Ant6 DSI5 Main PA

BW [MHz]	Modulation	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		16.28		17.2	0.0
100	1/2 BPSK	1	137		16.29			
100	1/2 BPSK	1	271		16.49			
100	1/2 BPSK	135	0		16.37		17.2	0.0
100	1/2 BPSK	135	69		16.42		17.2	0.0
100	1/2 BPSK	135	138		16.40		17.2	0.0
100	1/2 BPSK	270	0		16.37			
100	QPSK	1	1		16.52		17.2	0.0
100	QPSK	1	137		16.44			
100	QPSK	1	271		16.14			
100	QPSK	135	0		16.35		17.2	0.0
100	QPSK	135	69		16.41		17.2	0.0
100	QPSK	135	138		16.34		17.2	0.0
100	QPSK	270	0		16.48			
100	16QAM	1	1		16.33		17.2	0.0
100	64QAM	1	1		16.49		17.2	0.0
100	256QAM	1	1		16.41		17.2	0.0
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1		16.39	16.40	16.46	17.2 0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1		16.44	16.44	16.43	17.2 0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1		16.41	16.39	16.41	17.2 0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1		16.36	16.31	16.44	17.2 0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1		16.36	16.35	16.47	17.2 0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3760	limit	(dB)
40	QPSK	1	1		16.38	16.43	16.44	17.2 0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1		16.39	16.45	16.48	17.2 0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3712.51	3750	3787.51	limit	(dB)
25	QPSK	1	1		16.35	16.42	16.49	17.2 0.0
Channel				647334	650000	652934	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1		16.36	16.35	16.49	17.2 0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1		16.45	16.36	16.44	17.2 0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1		16.39	16.35	16.43	17.2 0.0

Part270 n78 PC2 Ant6 DSI5 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3750								
100	1/2 BPSK	1	1	19.50			20.5	0.0
100	1/2 BPSK	1	137	19.39				
100	1/2 BPSK	1	271	19.39				
100	1/2 BPSK	135	0	19.49			20.5	0.0
100	1/2 BPSK	135	69	19.45			20.5	0.0
100	1/2 BPSK	135	138	19.50			20.5	0.0
100	1/2 BPSK	270	0	19.33				
100	QPSK	1	1	19.53			20.5	0.0
100	QPSK	1	137	19.40				
100	QPSK	1	271	19.28				
100	QPSK	135	0	19.27			20.5	0.0
100	QPSK	135	69	19.51			20.5	0.0
100	QPSK	135	138	19.31			20.5	0.0
100	QPSK	270	0	19.48				
100	16QAM	1	1	19.41			20.5	0.0
100	64QAM	1	1	19.33			20.5	0.0
100	256QAM	1	1	18.93			20.5	0.0
Channel								
Frequency (MHz)								
3745.02								
90	QPSK	1	1	19.51	19.49	19.45	20.5	0.0
Channel								
Frequency (MHz)								
3740.01								
80	QPSK	1	1	19.52	19.47	19.42	20.5	0.0
Channel								
Frequency (MHz)								
3735								
70	QPSK	1	1	19.50	19.50	19.45	20.5	0.0
Channel								
Frequency (MHz)								
3730.02								
60	QPSK	1	1	19.50	19.43	19.43	20.5	0.0
Channel								
Frequency (MHz)								
3725.01								
50	QPSK	1	1	19.51	19.43	19.46	20.5	0.0
Channel								
Frequency (MHz)								
3720								
40	QPSK	1	1	19.47	19.39	19.48	20.5	0.0
Channel								
Frequency (MHz)								
3715.02								
30	QPSK	1	1	19.46	19.40	19.47	20.5	0.0
Channel								
Frequency (MHz)								
3712.5								
25	QPSK	1	1	19.47	19.46	19.44	20.5	0.0
Channel								
Frequency (MHz)								
3710.01								
20	QPSK	1	1	19.50	19.47	19.47	20.5	0.0
Channel								
Frequency (MHz)								
3707.52								
15	QPSK	1	1	19.46	19.47	19.38	20.5	0.0
Channel								
Frequency (MHz)								
3705								
10	QPSK	1	1	19.46	19.43	19.40	20.5	0.0

Part270Q n78 Ant6 DSI5 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3500.01								
100	1/2 BPSK	1	1	16.69			17.2	0.0
100	1/2 BPSK	1	137	16.50				
100	1/2 BPSK	1	271	16.76				
100	1/2 BPSK	135	0	16.73			17.2	0.0
100	1/2 BPSK	135	69	16.62			17.2	0.0
100	1/2 BPSK	135	138	16.67			17.2	0.0
100	1/2 BPSK	270	0	16.80				
100	QPSK	1	1	16.82			17.2	0.0
100	QPSK	1	137	16.66				
100	QPSK	1	271	16.50				
100	QPSK	135	0	16.82			17.2	0.0
100	QPSK	135	69	16.76			17.2	0.0
100	QPSK	135	138	16.57			17.2	0.0
100	QPSK	270	0	16.81				
100	16QAM	1	1	16.63			17.2	0.0
100	64QAM	1	1	16.75			17.2	0.0
100	256QAM	1	1	16.80			17.2	0.0
Channel								
Frequency (MHz)								
3495								
90	QPSK	1	1	16.75	16.81	16.74	17.2	0.0
Channel								
Frequency (MHz)								
3490.02								
80	QPSK	1	1	16.80	16.81	16.70	17.2	0.0
Channel								
Frequency (MHz)								
3485.01								
70	QPSK	1	1	16.77	16.75	16.69	17.2	0.0
Channel								
Frequency (MHz)								
3480.02								
60	QPSK	1	1	16.76	16.77	16.63	17.2	0.0
Channel								
Frequency (MHz)								
3475.02								
50	QPSK	1	1	16.80	16.72	16.75	17.2	0.0
Channel								
Frequency (MHz)								
3470.01								
40	QPSK	1	1	16.75	16.79	16.70	17.2	0.0
Channel								
Frequency (MHz)								
3465								
30	QPSK	1	1	16.77	16.78	16.64	17.2	0.0
Channel								
Frequency (MHz)								
3462.51								
25	QPSK	1	1	16.80	16.78	16.68	17.2	0.0
Channel								
Frequency (MHz)								
3460.02								
20	QPSK	1	1	16.79	16.76	16.71	17.2	0.0
Channel								
Frequency (MHz)								
3457.5								
15	QPSK	1	1	16.80	16.79	16.67	17.2	0.0
Channel								
Frequency (MHz)								
3455.01								
10	QPSK	1	1	16.79	16.78	16.67	17.2	0.0

Part270Q n78 PC2 Ant6 DSI5 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Lower 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		19.70		20.5	0.0
100	1/2 BPSK	1	137		19.62			
100	1/2 BPSK	1	271		19.61			
100	1/2 BPSK	135	0		19.72		20.5	0.0
100	1/2 BPSK	135	69		19.75		20.5	0.0
100	1/2 BPSK	135	138		19.68		20.5	0.0
100	1/2 BPSK	270	0		19.60			
100	QPSK	1	1		19.79		20.5	0.0
100	QPSK	1	137		19.77			
100	QPSK	1	271		19.51			
100	QPSK	135	0		19.58		20.5	0.0
100	QPSK	135	69		19.75		20.5	0.0
100	QPSK	135	138		19.62		20.5	0.0
100	QPSK	270	0		19.74			
100	16QAM	1	1		19.71		20.5	0.0
100	64QAM	1	1		19.53		20.5	0.0
100	256QAM	1	1		19.15		20.5	0.0
Channel				633000 633334 633668				
Frequency (MHz)				3495 3500.01 3505.02				
90	QPSK	1	1	19.70	19.70	19.74	20.5	0.0
Channel				632668 633334 634000				
Frequency (MHz)				3490.02 3500.01 3510				
80	QPSK	1	1	19.69	19.70	19.76	20.5	0.0
Channel				632334 633334 634334				
Frequency (MHz)				3495.01 3500.01 3515.01				
70	QPSK	1	1	19.74	19.74	19.74	20.5	0.0
Channel				632000 633334 634668				
Frequency (MHz)				3480 3500.01 3520.02				
60	QPSK	1	1	19.70	19.72	19.75	20.5	0.0
Channel				631668 633334 635000				
Frequency (MHz)				3475.02 3500.01 3525				
50	QPSK	1	1	19.73	19.74	19.78	20.5	0.0
Channel				631334 633334 635334				
Frequency (MHz)				3470.01 3500.01 3530.01				
40	QPSK	1	1	19.74	19.77	19.72	20.5	0.0
Channel				631000 633334 635668				
Frequency (MHz)				3465 3500.01 3535.02				
30	QPSK	1	1	19.78	19.78	19.77	20.5	0.0
Channel				630834 633334 635834				
Frequency (MHz)				3462.51 3500.01 3537.51				
25	QPSK	1	1	19.74	19.77	19.71	20.5	0.0
Channel				630500 633334 636168				
Frequency (MHz)				3460.02 3500.01 3540				
20	QPSK	1	1	19.78	19.71	19.73	20.5	0.0
Channel				630500 633334 636168				
Frequency (MHz)				3457.51 3500.01 3542.52				
15	QPSK	1	1	19.69	19.74	19.77	20.5	0.0
Channel				630334 633334 636334				
Frequency (MHz)				3455.01 3500.01 3545.01				
10	QPSK	1	1	19.78	19.77	19.78	20.5	0.0

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BW [MHz]	Modulat on	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	16.61	16.73	16.64		
40	1/2 BPSK	1	53	16.62	16.71	16.63	18.5	0.0
40	1/2 BPSK	1	104	16.68	16.73	16.71		
40	1/2 BPSK	50	0	16.66	16.75	16.60	18.5	0.0
40	1/2 BPSK	50	28	16.52	16.68	16.52	18.5	0.0
40	1/2 BPSK	50	56	16.68	16.71	16.58		
40	1/2 BPSK	100	0	16.73	16.75	16.70	18.5	0.0
40	QPSK	1	1	16.75	16.87	16.77		
40	QPSK	1	53	16.52	16.69	16.61	18.5	0.0
40	QPSK	1	104	16.54	16.55	16.57		
40	QPSK	50	0	16.61	16.67	16.52	18.5	0.0
40	QPSK	50	28	16.72	16.77	16.70	18.5	0.0
40	QPSK	50	56	16.58	16.70	16.58	18.5	0.0
40	QPSK	100	0	16.72	16.75	16.70	18.5	0.0
40	16QAM	1	1	16.75	16.71	16.70	18.5	0.0
40	64QAM	1	1	16.63	16.72	16.67	18.5	0.0
40	256QAM	1	1	16.71	16.74	16.69	18.5	0.0
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	16.70	16.69	16.57	18.5	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	16.65	16.73	16.54	18.5	0.0
Channel				637163	641666	645166	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	16.60	16.72	16.55	18.5	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	16.67	16.69	16.54	18.5	0.0

Part270 n77 Ant7 DSI5 Main PA

BW [MHz]	Modulat on	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	15.43	15.55	15.53		
100	1/2 BPSK	1	137	15.47	15.49	15.46	17.0	0.0
100	1/2 BPSK	1	271	15.45	15.52	15.44		
100	1/2 BPSK	135	0	15.31	15.54	15.37	17.0	0.0
100	1/2 BPSK	135	69	15.36	15.54	15.53	17.0	0.0
100	1/2 BPSK	135	138	15.34	15.49	15.42		
100	1/2 BPSK	270	0	15.48	15.46	15.41	17.0	0.0
100	QPSK	1	1	15.40	15.58	15.52		
100	QPSK	1	137	15.44	15.55	15.42	17.0	0.0
100	QPSK	1	271	15.13	15.26	15.16		
100	QPSK	135	0	15.46	15.53	15.47	17.0	0.0
100	QPSK	135	69	15.47	15.57	15.42	17.0	0.0
100	QPSK	135	138	15.31	15.47	15.38	17.0	0.0
100	QPSK	270	0	15.44	15.54	15.49		
100	16QAM	1	1	15.34	15.49	15.40	17.0	0.0
100	64QAM	1	1	15.44	15.50	15.44	17.0	0.0
100	256QAM	1	1	15.28	15.39	15.38	17.0	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	15.39	15.46	15.47	17.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	15.30	15.39	15.45	17.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	15.29	15.46	15.48	17.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	15.30	15.47	15.51	17.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	15.40	15.46	15.49	17.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	15.29	15.47	15.52	17.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	15.30	15.46	15.49	17.0	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	15.38	15.49	15.43	17.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	15.40	15.49	15.51	17.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	15.35	15.38	15.54	17.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	15.30	15.37	15.52	17.0	0.0

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BW [MHz]	Modulat on	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	18.37	18.49	18.40		
100	1/2 BPSK	1	137	18.48	18.47	18.42	20.0	0.0
100	1/2 BPSK	1	271	18.15	18.30	18.17		
100	1/2 BPSK	135	0	18.51	18.52	18.50	20.0	0.0
100	1/2 BPSK	135	69	18.33	18.46	18.44	20.0	0.0
100	1/2 BPSK	135	138	18.43	18.49	18.38		
100	1/2 BPSK	270	0	18.42	18.49	18.36	20.0	0.0
100	QPSK	1	1	18.38	18.55	18.47		
100	QPSK	1	137	18.42	18.50	18.41	20.0	0.0
100	QPSK	1	271	18.19	18.25	18.24		
100	QPSK	135	0	18.45	18.49	18.50	20.0	0.0
100	QPSK	135	69	18.32	18.54	18.38	20.0	0.0
100	QPSK	135	138	18.32	18.47	18.35	20.0	0.0
100	QPSK	270	0	18.45	18.50	18.43		
100	16QAM	1	1	18.28	18.44	18.41	20.0	0.0
100	64QAM	1	1	18.23	18.34	18.38	20.0	0.0
100	256QAM	1	1	18.30	18.38	18.25	20.0	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	18.29	18.47	18.36	20.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	18.21	18.50	18.36	20.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	18.27	18.46	18.38	20.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	18.23	18.52	18.33	20.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	18.27	18.54	18.32	20.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	18.21	18.53	18.37	20.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	18.30	18.47	18.36	20.0	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	18.26	18.53	18.32	20.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	18.31	18.45	18.32	20.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	18.30	18.52	18.37	20.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	18.23	18.51	18.33	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	1/2 BPSK	1	1		15.93			
100	1/2 BPSK	1	137		15.81		17.0	0.0
100	1/2 BPSK	1	271		15.78			
100	1/2 BPSK	135	0		15.69		17.0	0.0
100	1/2 BPSK	135	69		15.83		17.0	0.0
100	1/2 BPSK	135	138		15.84		17.0	0.0
100	1/2 BPSK	270	0		15.70			
100	QPSK	1	1		15.98		17.0	0.0
100	QPSK	1	137		15.90			
100	QPSK	1	271		15.46			
100	QPSK	135	0		15.82		17.0	0.0
100	QPSK	135	69		15.85		17.0	0.0
100	QPSK	135	138		15.79		17.0	0.0
100	QPSK	270	0		15.83			
100	16QAM	1	1		15.72		17.0	0.0
100	64QAM	1	1		15.83		17.0	0.0
100	256QAM	1	1		15.65		17.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		15.91	15.94	15.90	17.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		15.86	15.84	15.87	17.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		15.87	15.85	15.86	17.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		15.97	15.93	15.93	17.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		15.93	15.83	15.86	17.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		15.95	15.92	15.93	17.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		15.92	15.88	15.84	17.0
Channel				630334	633334	635934	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		15.90	15.89	15.86	17.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		15.93	15.93	15.91	17.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		15.88	15.91	15.93	17.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		15.89	15.94	15.90	17.0

Part27Q n77 PC2 Ant7 DSI5 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power 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		18.79			
100	1/2 BPSK	1	137		18.85		20.0	0.0
100	1/2 BPSK	1	271		18.67			
100	1/2 BPSK	135	0		18.89		20.0	0.0
100	1/2 BPSK	135	69		18.83		20.0	0.0
100	1/2 BPSK	135	138		18.88		20.0	0.0
100	1/2 BPSK	270	0		18.86			
100	QPSK	1	1		18.93		20.0	0.0
100	QPSK	1	137		18.86			
100	QPSK	1	271		18.83			
100	QPSK	135	0		18.85		20.0	0.0
100	QPSK	135	69		18.86		20.0	0.0
100	QPSK	135	138		18.77		20.0	0.0
100	QPSK	270	0		18.91			
100	16QAM	1	1		18.86		20.0	0.0
100	64QAM	1	1		18.66		20.0	0.0
100	256QAM	1	1		18.64		20.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		18.89	18.82	18.91	20.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		18.81	18.84	18.92	20.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		18.85	18.79	18.91	20.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		18.83	18.80	18.87	20.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		18.81	18.75	18.82	20.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		18.84	18.81	18.87	20.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		18.90	18.79	18.84	20.0
Channel				630334	633334	635934	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		18.84	18.80	18.88	20.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		18.82	18.83	18.83	20.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		18.87	18.79	18.89	20.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		18.84	18.78	18.83	20.0

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BW [MHz]	Modulation	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		15.33		17.0	0.0
100	1/2 BPSK	1	137		15.32			
100	1/2 BPSK	1	271		15.21			
100	1/2 BPSK	135	0		15.26		17.0	0.0
100	1/2 BPSK	135	69		15.24		17.0	0.0
100	1/2 BPSK	135	138		15.31		17.0	0.0
100	1/2 BPSK	270	0		15.32			
100	QPSK	1	1		15.34		17.0	0.0
100	QPSK	1	137		15.29			
100	QPSK	1	271		15.03			
100	QPSK	135	0		15.27		17.0	0.0
100	QPSK	135	69		15.32		17.0	0.0
100	QPSK	135	138		15.26		17.0	0.0
100	QPSK	270	0		15.24			
100	16QAM	1	1		15.18		17.0	0.0
100	64QAM	1	1		15.22		17.0	0.0
100	256QAM	1	1		15.26		17.0	0.0
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1		15.17	15.33	15.20	17.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1		15.19	15.27	15.24	17.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1		15.20	15.32	15.17	17.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1		15.19	15.21	15.17	17.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1		15.17	15.33	15.22	17.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3760	limit	(dB)
40	QPSK	1	1		15.29	15.30	15.20	17.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1		15.21	15.32	15.19	17.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
25	QPSK	1	1		15.21	15.32	15.22	17.0
Channel				647000	650000	652934	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
20	QPSK	1	1		15.19	15.21	15.16	17.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1		15.23	15.32	15.22	17.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1		15.17	15.26	15.16	17.0

Part270 n78 PC2 Ant7 DSI5 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750	650000			
100	1/2 BPSK	1	1	18.28				
100	1/2 BPSK	1	137	18.26			20.0	0.0
100	1/2 BPSK	1	271	18.11				
100	1/2 BPSK	135	0	18.55			20.0	0.0
100	1/2 BPSK	135	69	18.33			20.0	0.0
100	1/2 BPSK	135	138	18.26			20.0	0.0
100	1/2 BPSK	270	0	18.38				
100	QPSK	1	1	18.57			20.0	0.0
100	QPSK	1	137	18.49				
100	QPSK	1	271	18.47				
100	QPSK	135	0	18.41			20.0	0.0
100	QPSK	135	69	18.53			20.0	0.0
100	QPSK	135	138	18.37			20.0	0.0
100	QPSK	270	0	18.34				
100	16QAM	1	1	18.22			20.0	0.0
100	64QAM	1	1	18.21			20.0	0.0
100	256QAM	1	1	18.31			20.0	0.0
Channel								
Frequency (MHz)				646668	650000	650334	Tune-up	MPR
90	QPSK	1	1	18.29	18.13	18.11	20.0	0.0
Channel								
Frequency (MHz)				640334	650000	650668	Tune-up	MPR
80	QPSK	1	1	18.30	18.20	18.08	20.0	0.0
Channel								
Frequency (MHz)				640000	650000	651000	Tune-up	MPR
70	QPSK	1	1	18.25	18.17	18.12	20.0	0.0
Channel								
Frequency (MHz)				646668	650000	651334	Tune-up	MPR
60	QPSK	1	1	18.32	18.17	18.10	20.0	0.0
Channel								
Frequency (MHz)				648334	650000	651668	Tune-up	MPR
50	QPSK	1	1	18.27	18.19	18.15	20.0	0.0
Channel								
Frequency (MHz)				649000	650000	652000	Tune-up	MPR
40	QPSK	1	1	18.28	18.14	18.19	20.0	0.0
Channel								
Frequency (MHz)				647668	650000	652334	Tune-up	MPR
30	QPSK	1	1	18.33	18.11	18.12	20.0	0.0
Channel								
Frequency (MHz)				3720	3750	3760	limit	(dB)
Channel								
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	18.24	18.16	18.20	20.0	0.0
Channel								
Frequency (MHz)				647334	650000	652668	Tune-up	MPR
20	QPSK	1	1	18.31	18.14	18.09	20.0	0.0
Channel								
Frequency (MHz)				647168	650000	652834	Tune-up	MPR
15	QPSK	1	1	18.25	18.18	18.15	20.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up	MPR
10	QPSK	1	1	18.31	18.16	18.19	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								
Frequency (MHz)				3500.01	633334			
100	1/2 BPSK	1	1	15.70				
100	1/2 BPSK	1	137	15.78			17.0	0.0
100	1/2 BPSK	1	271	15.62				
100	1/2 BPSK	135	0	15.75			17.0	0.0
100	1/2 BPSK	135	69	15.61			17.0	0.0
100	1/2 BPSK	135	138	15.79			17.0	0.0
100	1/2 BPSK	270	0	15.59				
100	QPSK	1	1	15.86			17.0	0.0
100	QPSK	1	137	15.67				
100	QPSK	1	271	15.53				
100	QPSK	135	0	15.83			17.0	0.0
100	QPSK	135	69	15.85			17.0	0.0
100	QPSK	135	138	15.83			17.0	0.0
100	QPSK	270	0	15.72				
100	16QAM	1	1	15.71			17.0	0.0
100	64QAM	1	1	15.65			17.0	0.0
100	256QAM	1	1	15.63			17.0	0.0
Channel								
Frequency (MHz)				633000	633334	633668	Tune-up	MPR
90	QPSK	1	1	15.71	15.73	15.70	17.0	0.0
Channel								
Frequency (MHz)				632668	633334	634000	Tune-up	MPR
80	QPSK	1	1	15.75	15.79	15.65	17.0	0.0
Channel								
Frequency (MHz)				632334	633334	634334	Tune-up	MPR
70	QPSK	1	1	15.73	15.74	15.67	17.0	0.0
Channel								
Frequency (MHz)				632000	633334	634668	Tune-up	MPR
60	QPSK	1	1	15.74	15.79	15.74	17.0	0.0
Channel								
Frequency (MHz)				631668	633334	635000	Tune-up	MPR
50	QPSK	1	1	15.73	15.70	15.67	17.0	0.0
Channel								
Frequency (MHz)				631334	633334	635334	Tune-up	MPR
40	QPSK	1	1	15.73	15.68	15.68	17.0	0.0
Channel								
Frequency (MHz)				631000	633334	635668	Tune-up	MPR
30	QPSK	1	1	15.74	15.75	15.69	17.0	0.0
Channel								
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	15.72	15.69	15.64	17.0	0.0
Channel								
Frequency (MHz)				630668	633334	636000	Tune-up	MPR
20	QPSK	1	1	15.75	15.71	15.64	17.0	0.0
Channel								
Frequency (MHz)				630500	633334	636168	Tune-up	MPR
15	QPSK	1	1	15.74	15.78	15.64	17.0	0.0
Channel								
Frequency (MHz)				630334	633334	636334	Tune-up	MPR
10	QPSK	1	1	15.69	15.78	15.66	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Lower 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	18.63			20.0	0.0
100	1/2 BPSK	1	137	18.67				
100	1/2 BPSK	1	271	18.51				
100	1/2 BPSK	135	0	18.78			20.0	0.0
100	1/2 BPSK	135	69	18.62			20.0	0.0
100	1/2 BPSK	135	138	18.72			20.0	0.0
100	1/2 BPSK	270	0	18.65				
100	QPSK	1	1	18.86			20.0	0.0
100	QPSK	1	137	18.50				
100	QPSK	1	271	18.52				
100	QPSK	135	0	18.81			20.0	0.0
100	QPSK	135	69	18.84			20.0	0.0
100	QPSK	135	138	18.59			20.0	0.0
100	QPSK	270	0	18.79				
100	16QAM	1	1	18.64			20.0	0.0
100	64QAM	1	1	18.57			20.0	0.0
100	256QAM	1	1	18.75			20.0	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	18.72	18.72	18.79	20.0	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	18.68	18.75	18.74	20.0	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	18.70	18.64	18.72	20.0	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	18.79	18.76	18.79	20.0	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	18.78	18.65	18.74	20.0	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	18.78	18.65	18.74	20.0	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	18.68	18.73	18.68	20.0	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	18.73	18.69	18.76	20.0	0.0
Channel				630668	633334	635968	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	18.77	18.70	18.78	20.0	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	18.80	18.70	18.76	20.0	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	18.77	18.67	18.74	20.0	0.0

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BW [MHz]	Modulati on	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	15.19	15.29	15.33		
40	1/2 BPSK	1	53	15.34	15.38	15.18	17.0	0.0
40	1/2 BPSK	1	104	15.19	15.26	15.10		
40	1/2 BPSK	50	0	15.27	15.42	15.33	17.0	0.0
40	1/2 BPSK	50	28	15.35	15.43	15.24	17.0	0.0
40	1/2 BPSK	50	56	15.26	15.26	15.15		
40	1/2 BPSK	100	0	15.27	15.43	15.30	17.0	0.0
40	QPSK	1	1	15.28	15.48	15.35		
40	QPSK	1	53	15.15	15.20	15.14	17.0	0.0
40	QPSK	1	104	15.15	15.24	15.14		
40	QPSK	50	0	15.23	15.35	15.18	17.0	0.0
40	QPSK	50	28	15.40	15.45	15.37	17.0	0.0
40	QPSK	50	56	15.25	15.37	15.33	17.0	0.0
40	QPSK	100	0	15.35	15.42	15.38		
40	16QAM	1	1	15.25	15.34	15.29	17.0	0.0
40	64QAM	1	1	15.33	15.43	15.22	17.0	0.0
40	256QAM	1	1	15.41	15.46	15.36	17.0	0.0
Channel				637668	641668	645668	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	15.16	15.28	15.17	17.0	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	15.21	15.29	15.19	17.0	0.0
Channel				637168	641666	646166	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	15.16	15.25	15.20	17.0	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	15.16	15.35	15.18	17.0	0.0

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BW [MHz]	Modulati on	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	17.46	17.61	17.38		
100	1/2 BPSK	1	137	17.39	17.57	17.43	18.5	0.0
100	1/2 BPSK	1	271	17.60	17.57	17.54		
100	1/2 BPSK	135	0	17.48	17.58	17.42	18.5	0.0
100	1/2 BPSK	135	69	17.46	17.59	17.53	18.5	0.0
100	1/2 BPSK	135	138	17.35	17.58	17.53		
100	1/2 BPSK	270	0	17.46	17.58	17.56	18.5	0.0
100	QPSK	1	1	17.49	17.62	17.61		
100	QPSK	1	137	17.43	17.55	17.39	18.5	0.0
100	QPSK	1	271	17.41	17.51	17.37		
100	QPSK	135	0	17.42	17.56	17.50	18.5	0.0
100	QPSK	135	69	17.49	17.57	17.50	18.5	0.0
100	QPSK	135	138	17.48	17.55	17.43	18.5	0.0
100	QPSK	270	0	17.42	17.57	17.52		
100	16QAM	1	1	17.28	17.39	17.39	18.5	0.0
100	64QAM	1	1	17.39	17.52	17.40	18.5	0.0
100	256QAM	1	1	17.53	17.60	17.56	18.5	0.0
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	17.43	17.55	17.45	18.5	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	17.45	17.59	17.47	18.5	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	17.48	17.52	17.45	18.5	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	17.45	17.59	17.41	18.5	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	17.51	17.56	17.40	18.5	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	17.55	17.55	17.44	18.5	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	17.45	17.58	17.47	18.5	0.0
Channel				647600	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	17.45	17.61	17.48	18.5	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	17.44	17.57	17.40	18.5	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	17.48	17.57	17.43	18.5	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	17.51	17.59	17.44	18.5	0.0

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BW [MHz]	Modulati on	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	20.44	20.54	20.52		
100	1/2 BPSK	1	137	20.51	20.54	20.55	21.5	0.0
100	1/2 BPSK	1	271	20.31	20.51	20.30		
100	1/2 BPSK	135	0	20.46	20.51	20.45	21.5	0.0
100	1/2 BPSK	135	69	20.53	20.53	20.53	21.5	0.0
100	1/2 BPSK	135	138	20.41	20.46	20.29	21.5	0.0
100	1/2 BPSK	270	0	20.49	20.50	20.48		
100	QPSK	1	1	20.49	20.59	20.44	21.5	0.0
100	QPSK	1	137	20.45	20.51	20.46		
100	QPSK	1	271	20.39	20.47	20.32		
100	QPSK	135	0	20.38	20.51	20.45	21.5	0.0
100	QPSK	135	69	20.44	20.54	20.52	21.5	0.0
100	QPSK	135	138	20.39	20.50	20.47	21.5	0.0
100	QPSK	270	0	20.45	20.48	20.47		
100	16QAM	1	1	20.42	20.51	20.38	21.5	0.0
100	64QAM	1	1	20.03	20.08	19.96	21.0	0.5
100	256QAM	1	1	18.00	18.05	17.91	19.0	2.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	20.41	20.57	20.46	21.5	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	20.45	20.53	20.50	21.5	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	20.47	20.48	20.51	21.5	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	20.49	20.53	20.54	21.5	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	20.39	20.50	20.48	21.5	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	20.42	20.56	20.50	21.5	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	20.45	20.50	20.54	21.5	0.0
Channel				647600	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	20.45	20.53	20.49	21.5	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	20.45	20.53	20.49	21.5	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	20.42	20.50	20.47	21.5	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	20.45	20.57	20.49	21.5	0.0

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BW [MHz]	Modulati on	RB Size	RB Offset	Power 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		17.03			
100	1/2 BPSK	1	137		17.05			
100	1/2 BPSK	1	271		17.05			
100	1/2 BPSK	135	0		17.00		18.5	0.0
100	1/2 BPSK	135	69		16.99		18.5	0.0
100	1/2 BPSK	135	138		16.99		18.5	0.0
100	1/2 BPSK	270	0		17.02			
100	QPSK	1	1		17.11			
100	QPSK	1	137		16.93		18.5	0.0
100	QPSK	1	271		16.92			
100	QPSK	135	0		16.98		18.5	0.0
100	QPSK	135	69		17.06		18.5	0.0
100	QPSK	135	138		17.05		18.5	0.0
100	QPSK	270	0		17.01			
100	16QAM	1	1		16.98		18.5	0.0
100	64QAM	1	1		16.98		18.5	0.0
100	256QAM	1	1		16.91		18.5	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		16.92	16.85	16.96	18.5 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		16.98	16.90	17.02	18.5 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		16.98	16.90	17.05	18.5 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		17.01	16.91	16.94	18.5 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		17.01	16.95	16.98	18.5 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		16.91	16.95	17.00	18.5 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		16.93	16.97	16.98	18.5 0.0
Channel				630334	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		16.94	16.90	16.98	18.5 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		16.95	16.89	17.01	18.5 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		16.92	16.93	17.05	18.5 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		16.94	16.96	16.96	18.5 0.0

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BW [MHz]	Modulati on	RB Size	RB Offset	Power 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		20.02			
100	1/2 BPSK	1	137		19.99		21.5	0.0
100	1/2 BPSK	1	271		20.01			
100	1/2 BPSK	135	0		20.04		21.5	0.0
100	1/2 BPSK	135	69		19.93		21.5	0.0
100	1/2 BPSK	135	138		19.95		21.5	0.0
100	1/2 BPSK	270	0		20.04			
100	QPSK	1	1		20.07			
100	QPSK	1	137		20.01		21.5	0.0
100	QPSK	1	271		20.00			
100	QPSK	135	0		19.96		21.5	0.0
100	QPSK	135	69		20.05		21.5	0.0
100	QPSK	135	138		20.01		21.5	0.0
100	QPSK	270	0		19.93		21.5	0.0
100	16QAM	1	1		19.96		21.5	0.0
100	64QAM	1	1		19.93		21.0	0.5
100	256QAM	1	1		17.51		19.0	2.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1		19.93	19.94	19.97	21.5 0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1		19.90	19.98	19.99	21.5 0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1		19.98	19.98	19.99	21.5 0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1		19.93	20.00	19.93	21.5 0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1		19.94	19.98	19.98	21.5 0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1		19.88	20.00	19.99	21.5 0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1		19.98	20.03	19.88	21.5 0.0
Channel				630334	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1		19.94	20.03	19.99	21.5 0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1		19.95	19.97	19.99	21.5 0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1		19.91	20.00	19.89	21.5 0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1		19.90	19.98	19.91	21.5 0.0

Part27O n78 Ant8 DSI5 Main PA

BW [MHz]	Modulation	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		17.16			
100	1/2 BPSK	1	137		17.06		18.5	0.0
100	1/2 BPSK	1	271		17.19			
100	1/2 BPSK	135	0		17.04		18.5	0.0
100	1/2 BPSK	135	69		17.25		18.5	0.0
100	1/2 BPSK	135	138		17.05		18.5	0.0
100	1/2 BPSK	270	0		17.15			
100	QPSK	1	1		17.26			
100	QPSK	1	137		17.12		18.5	0.0
100	QPSK	1	271		17.17			
100	QPSK	135	0		17.10		18.5	0.0
100	QPSK	135	69		17.22		18.5	0.0
100	QPSK	135	138		17.13		18.5	0.0
100	QPSK	270	0		17.22			
100	16QAM	1	1		17.12		18.5	0.0
100	64QAM	1	1		17.19		18.5	0.0
100	256QAM	1	1		17.20		18.5	0.0
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1		17.21	17.17	17.17	18.5 0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1		17.13	17.23	17.08	18.5 0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1		17.24	17.16	17.16	18.5 0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1		17.19	17.21	17.12	18.5 0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1		17.26	17.19	17.19	18.5 0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1		17.20	17.27	17.16	18.5 0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1		17.13	17.25	17.10	18.5 0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1		17.15	17.25	17.15	18.5 0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1		17.17	17.22	17.12	18.5 0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.5	3750	3792.51	limit	(dB)
15	QPSK	1	1		17.21	17.18	17.11	18.5 0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1		17.14	17.26	17.19	18.5 0.0

Part270 n78 PC2 Ant8 DSI5 Main PA

BW (MHz)	Modulati on	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up level (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	1/2 BPSK	1	1		20.20			
100	1/2 BPSK	1	137		20.06		21.5	0.0
100	1/2 BPSK	1	271		20.20			
100	1/2 BPSK	135	0		20.23		21.5	0.0
100	1/2 BPSK	135	69		20.23		21.5	0.0
100	1/2 BPSK	135	138		20.20			
100	1/2 BPSK	270	0		20.23		21.5	0.0
100	QPSK	1	1		20.28			
100	QPSK	1	137		20.26			
100	QPSK	1	271		20.21		21.5	0.0
100	QPSK	135	0		20.24		21.5	0.0
100	QPSK	135	69		20.27		21.5	0.0
100	QPSK	135	138		20.20		21.5	0.0
100	QPSK	270	0		20.22			
100	16QAM	1	1		20.24		21.5	0.0
100	64QAM	1	1		19.75		21.0	0.5
100	256QAM	1	1		17.67		19.0	2.5
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	level	(dB)
90	QPSK	1	1	20.27	20.22	20.17	21.5	0.0
Channel				649334	650000	650666	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	level	(dB)
80	QPSK	1	1	20.22	20.13	20.14	21.5	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	level	(dB)
70	QPSK	1	1	20.27	20.16	20.15	21.5	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	level	(dB)
60	QPSK	1	1	20.21	20.14	20.15	21.5	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	level	(dB)
50	QPSK	1	1	20.23	20.12	20.20	21.5	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	level	(dB)
40	QPSK	1	1	20.23	20.17	20.14	21.5	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	level	(dB)
30	QPSK	1	1	20.22	20.14	20.17	21.5	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	level	(dB)
25	QPSK	1	1	20.20	20.13	20.16	21.5	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	level	(dB)
20	QPSK	1	1	20.23	20.13	20.22	21.5	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	level	(dB)
15	QPSK	1	1	20.24	20.17	20.15	21.5	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	level	(dB)
10	QPSK	1	1	20.20	20.20	20.23	21.5	0.0

Part27Q n78 Ant8 DSI5 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up limit (dB)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	16.99	17.02		18.5	0.0
100	1/2 BPSK	1	137		17.02			
100	1/2 BPSK	1	271		17.07			
100	1/2 BPSK	135	0	16.99	17.04		18.5	0.0
100	1/2 BPSK	135	69		17.07			
100	1/2 BPSK	135	138		17.07			
100	1/2 BPSK	270	0		16.88		18.5	0.0
100	QPSK	1	1		17.10			
100	QPSK	1	137		16.97		18.5	0.0
100	QPSK	1	271		17.01			
100	QPSK	135	0		17.02		18.5	0.0
100	QPSK	135	69		17.07			
100	QPSK	135	138		17.00		18.5	0.0
100	QPSK	270	0		16.95			
100	16QAM	1	1		16.90		18.5	0.0
100	64QAM	1	1		16.83		18.5	0.0
100	256QAM	1	1		16.67		18.5	0.0
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	16.93	16.97	16.99	18.5	0.0
90	QPSK	1	137	633334	633334	633334	18.5	0.0
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	16.86	16.89	16.99	18.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	16.86	16.93	16.93	18.5	0.0
70	QPSK	1	137	633334	633334	633334	18.5	0.0
Frequency (MHz)				3490	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	16.83	16.96	16.99	18.5	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3472.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	16.86	16.94	16.96	18.5	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	16.85	16.89	16.96	18.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	16.85	16.94	16.99	18.5	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	16.86	16.90	16.93	18.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	16.85	16.92	17.00	18.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	16.88	16.90	16.94	18.5	0.0
15	QPSK	1	137	633334	633334	633334	18.5	0.0
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	16.82	16.90	16.96	18.5	0.0

Part27Q n78 PC2 Ant8 DSI5 Main PA

BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1		20.00			
100	1/2 BPSK	1	137		19.95		21.5	0.0
100	1/2 BPSK	1	271		19.98			
100	1/2 BPSK	135	0		20.01		21.5	0.0
100	1/2 BPSK	135	69		19.97		21.5	0.0
100	1/2 BPSK	135	138		20.03		21.5	0.0
100	1/2 BPSK	270	0		20.02		21.5	0.0
100	QPSK	1	1		20.04			
100	QPSK	1	137		19.99		21.5	0.0
100	QPSK	1	271		20.00			
100	QPSK	135	0		19.99		21.5	0.0
100	QPSK	135	69		20.01		21.5	0.0
100	QPSK	135	138		20.02		21.5	0.0
100	QPSK	270	0		19.99		21.5	0.0
100	16QAM	1	1		20.03		21.5	0.0
100	16QAM	1	1		19.45		21.0	0.5
100	256QAM	1	1		17.51		19.0	2.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	19.92	19.85	19.92	21.5	0.0
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	19.88	19.88	19.95	21.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	19.98	19.94	19.94	21.5	0.0
Frequency (MHz)				3520.00	633334	3546.68	limit	(dB)
60	QPSK	1	1	19.91	19.95	19.97	21.5	0.0
Channel				631661	633334	635000	Tune-up	MPR
Frequency (MHz)				3472.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	19.95	19.87	19.95	21.5	0.0
Channel				633334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	19.92	19.95	19.97	21.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.92	limit	(dB)
30	QPSK	1	1	19.89	19.86	19.95	21.5	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	19.93	19.85	20.03	21.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	19.96	19.95	19.93	21.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	19.93	19.96	20.03	21.5	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	19.94	19.87	19.99	21.5	0.0

Reduced Power SA Mode for DSI5

n5 Ant1 DSI5 Main PA for END C

BW (MHz)	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	1/2 BPSK	1	1	19.18	19.20	19.07		
20	1/2 BPSK	1	53	19.02	19.05	19.04	20.5	0.0
20	1/2 BPSK	1	104	18.80	19.01	18.77		
20	1/2 BPSK	50	0	18.90	19.13	18.95	20.5	0.0
20	1/2 BPSK	50	28	19.01	19.03	19.00	20.5	0.0
20	1/2 BPSK	50	56	18.75	18.90	18.83	20.5	0.0
20	1/2 BPSK	100	0	19.04	19.13	19.04		
20	QPSK	1	1	19.15	19.23	19.20		
20	QPSK	1	53	18.99	19.02	18.92	20.5	0.0
20	QPSK	1	104	18.84	18.84	18.84		
20	QPSK	50	0	18.90	19.03	18.85	20.5	0.0
20	QPSK	50	28	19.17	19.21	19.18	20.5	0.0
20	QPSK	50	56	18.94	18.82	18.82	20.5	0.0
20	QPSK	100	0	19.14	19.20	19.06		
20	16QAM	1	1	19.04	19.14	19.18	20.5	0.0
20	16QAM	1	1	19.00	19.10	19.02	20.5	0.0
20	256QAM	1	1	19.17	19.20	19.16	20.5	0.0
Channel				166300	167300	168300	Tune-up	MPR
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)
15	QPSK	1	1	19.13	19.20	19.20	20.5	0.0
Channel				165800	167300	168800	Tune-up	MPR
Frequency (MHz)				829	836.5	844	limit	(dB)
10	QPSK	1	1	19.14	19.22	19.22	20.5	0.0
Channel				165300	167300	169300	Tune-up	MPR
Frequency (MHz)				826.5	836.5	846.5	limit	(dB)
6	QPSK	1	1	19.09	19.18	19.17	20.5	0.0

Bluetooth/WLAN Power

Ant 9+8				Full power-Hotspot Full power-body-worn		standalone-Head simultaneous-Hotspot		simultaneous-Head		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.14	21.00	19.21	20.00	17.35	18.00	100.00
		6	2437	20.36	21.00	19.41	20.00	17.47	18.00	
		11	2462	20.59	21.00	19.52	20.00	17.50	18.00	
	802.11g 6Mbps	1	2412	18.72	19.50	Not Requested	19.50	Not Requested	18.00	99.32
		6	2437	19.60	20.50		20.00		18.00	
		11	2462	17.47	18.00		18.00		18.00	
	802.11n-HT20 MCS0	1	2412	19.22	20.00		20.00		18.00	100.00
		6	2437	19.40	20.00		20.00		18.00	
		11	2462	16.78	17.50		17.50		17.50	
	802.11n-HT40 MCS0	3	2422	17.14	18.00	Not Requested	18.00	Not Requested	18.00	100.00
		6	2437	17.16	18.00		18.00		18.00	
		9	2452	15.58	16.50		16.50		16.50	
	802.11ax-HE20 MCS0	1	2412	19.28	20.00		20.00		18.00	100.00
		6	2437	19.45	20.00		20.00		18.00	
		11	2462	16.82	17.50		17.50		17.50	
	802.11ax-HE40 MCS0	3	2422	17.17	18.00		18.00		18.00	100.00
		6	2437	17.20	18.00		18.00		18.00	
		9	2452	15.62	16.50		16.50		16.50	

Ant 10+11				Full power-body-worn		standalone-Head		simultaneous-Head		standalone-Hotspot		simultaneous-Hotspot		simultaneous-Body-worn		
	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	21.30	22.00	Not Requested	18.00	Not Requested	13.00	Not Requested	19.50	Not Requested	15.00	20.37	21.50	98.97
		40	5200	21.59	22.50		18.00		13.00		19.50		15.00			
		44	5220	21.61	22.50		18.00		13.00		19.50		15.00		20.61	
		48	5240	21.52	22.50		18.00		13.00		19.50		15.00		20.67	
	802.11n-HT20 MCS0	36	5180	19.92	20.50	Not Requested	18.00	Not Requested	13.00	Not Requested	19.50	Not Requested	15.00	20.55	21.50	100.00
		40	5200	20.17	21.00		18.00		13.00		19.50		15.00		20.50	
		44	5220	20.28	21.00		18.00		13.00		19.50		15.00		21.00	
		48	5240	20.17	21.00		18.00		13.00		19.50		15.00		21.00	
	802.11n-HT40 MCS0	38	5190	19.10	20.00	Not Requested	18.00	Not Requested	13.00	Not Requested	18.52	Not Requested	15.00	20.00	21.00	100.00
		46	5230	19.22	20.00		18.00		13.00		18.61		15.00		20.00	
		36	5180	19.97	20.50		18.00		13.00		19.50		15.00		20.50	
		40	5200	20.21	21.00		18.00		13.00		19.50		15.00		21.00	
	802.11ac-VHT20 MCS0	44	5220	20.34	21.00	Not Requested	18.00	Not Requested	13.00	Not Requested	19.50	Not Requested	15.00	21.00	21.00	100.00
		48	5240	20.25	21.00		18.00		13.00		19.50		15.00		21.00	
		38	5190	19.15	20.00		18.00		13.00		19.50		15.00		20.00	
		46	5230	19.28	20.00		18.00		13.00		19.50		15.00		20.00	
	802.11ac-VHT80 MCS0	42	5210	18.12	19.00	Not Requested	17.24	Not Requested	12.22	Not Requested	19.00	Not Requested	14.27	19.00	20.00	100.00
		36	5180	20.01	21.00		18.00		13.00		19.50		15.00		21.00	
		40	5200	20.25	21.00		18.00		13.00		19.50		15.00		21.00	
		44	5220	20.40	21.00		18.00		13.00		19.50		15.00		21.00	
	802.11ax-HE20 MCS0	48	5240	20.33	21.00	Not Requested	18.00	Not Requested	13.00	Not Requested	19.50	Not Requested	15.00	21.00	21.00	100.00
		38	5190	19.20	20.00		18.00		13.00		19.50		15.00		20.00	
		46	5230	19.34	20.00		18.00		13.00		19.50		15.00		20.00	
		42	5210	18.14	19.00		18.00		13.00		19.00		15.00		19.00	

Ant 10+11					Full power-Body-worn		standalone-Head		simultaneous-Head		standalone-Extremity simultaneous-Body-worn				
	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	Duty Cycle %			
5.3GHz WLAN	802.11a 6Mbps	52	5260	21.58	22.50	Not Requested	18.00	Not Requested	13.00	20.52	21.50	98.97			
		56	5280	21.62	22.50		18.00		13.00	20.57	21.50				
		60	5300	21.54	22.50		18.00		13.00	20.50	21.50				
		64	5320	21.40	22.00		18.00		13.00	20.42	21.50				
	802.11n-HT20 MCS0	52	5260	20.08	21.00		18.00		13.00	21.00	100.00				
		56	5280	20.27	21.00		18.00		13.00	21.00					
		60	5300	20.19	21.00		18.00		13.00	21.00					
		64	5320	20.02	21.00		18.00		13.00	21.00					
	802.11n-HT40 MCS0	54	5270	19.11	20.00		18.00		13.00	20.00	100.00				
		62	5310	18.87	19.50		18.00		13.00	19.50					
	802.11ac-VHT20 MCS0	52	5260	20.15	21.00		18.00		13.00	21.00	100.00				
		56	5280	20.30	21.00		18.00		13.00	21.00					
		60	5300	20.24	21.00		18.00		13.00	21.00					
		64	5320	20.11	21.00		18.00		13.00	21.00					
	802.11ac-VHT40 MCS0	54	5270	19.15	20.00		18.00		13.00	20.00	100.00				
		62	5310	18.95	19.50		18.00		13.00	19.50					
	802.11ac-VHT80 MCS0	58	5290	18.10	19.00		17.27		18.00	12.25	13.00	19.00	100.00		
		50	5250	16.60	17.50							18.00	13.00	17.50	100.00
	802.11ax-HE20 MCS0	52	5260	20.22	21.00		Not Requested		Not Requested	Not Requested	Not Requested	13.00	21.00	100.00	
		56	5280	20.33	21.00							18.00	13.00		21.00
		60	5300	20.29	21.00							18.00	13.00		21.00
		64	5320	20.20	21.00							18.00	13.00		21.00
	802.11ax-HE40 MCS0	54	5270	19.19	20.00		Not Requested		Not Requested	Not Requested	Not Requested	13.00	20.00	100.00	
		62	5310	19.03	20.00							18.00	13.00		20.00
	802.11ax-HE80 MCS0	58	5290	18.13	19.00		Not Requested		Not Requested	Not Requested	Not Requested	13.00	19.00	100.00	
		50	5250	16.72	17.50							18.00	13.00		17.50

Ant 10+11				Full power-Extremity Full power-Body-worn		standalone-Head		simultaneous-Body-worn		simultaneous-Head		
	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	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	21.44	22.00	20.40	21.00	20.87	21.50		14.50	98.97
		116	5580	21.50	22.00	20.47	21.00	20.85	21.50		14.50	
		124	5620	21.52	22.00	20.50	21.00	20.88	21.50		14.50	
		132	5660	21.39	22.00	20.35	21.00	20.72	21.50		14.50	
		140	5700	21.25	22.00	20.27	21.00	20.57	21.50		14.50	
		144	5720	21.19	22.00	20.21	21.00	20.52	21.50		14.50	
	802.11n-HT20 MCS0	100	5500	20.13	21.00		21.00		21.00		14.50	100.00
		116	5580	20.18	21.00		21.00		21.00		14.50	
		124	5620	20.16	21.00		21.00		21.00		14.50	
		132	5660	20.10	21.00		21.00		21.00		14.50	
		140	5700	19.89	20.50		20.50		20.50		14.50	
		144	5720	19.92	20.50		20.50		20.50		14.50	
	802.11n-HT40 MCS0	102	5510	18.96	19.50		19.50		19.50	Not Requested	14.50	100.00
		110	5550	19.26	20.00		20.00		20.00		14.50	
		126	5630	19.00	19.50		19.50		19.50		14.50	
		134	5670	18.82	19.50		19.50		19.50		14.50	
		142	5710	18.87	19.50		19.50		19.50		14.50	
		100	5500	20.17	21.00		21.00		21.00		14.50	
	802.11ac-VHT20 MCS0	116	5580	20.26	21.00		21.00		21.00		14.50	100.00
		124	5620	20.23	21.00		21.00		21.00		14.50	
		132	5660	20.16	21.00		21.00		21.00		14.50	
		140	5700	19.94	20.50		20.50		20.50		14.50	
		144	5720	19.98	20.50		20.50		20.50		14.50	
		102	5510	19.01	20.00		20.00		20.00		14.50	
	802.11ac-VHT40 MCS0	110	5550	19.30	20.00		20.00		20.00		14.50	100.00
		126	5630	19.06	20.00	Not Requested	20.00		20.00		14.50	
		134	5670	18.91	19.50		19.50		19.50		14.50	
		142	5710	18.89	19.50		19.50		19.50		14.50	
		106	5530	18.08	19.00		19.00		19.00	14.12	15.00	
		122	5610	18.00	19.00		19.00		19.00	14.07	15.00	
	802.11ac-VHT80 MCS0	138	5690	17.73	18.50		18.50		18.50	13.87	14.50	100.00
		114	5570	16.84	17.50		17.50		17.50		14.50	
	802.11ax-HE20 MCS0	100	5500	20.21	21.00		21.00		21.00		14.50	100.00
		116	5580	20.34	21.00		21.00		21.00		14.50	
		124	5620	20.30	21.00		21.00		21.00		14.50	
		132	5660	20.22	21.00		21.00		21.00		14.50	
		140	5700	19.99	20.50		20.50		20.50		14.50	
		144	5720	20.04	21.00		21.00		21.00		14.50	
	802.11ax-HE40 MCS0	102	5510	19.06	20.00		20.00		20.00	Not Requested	14.50	100.00
		110	5550	19.34	20.00		20.00		20.00		14.50	
		126	5630	19.12	20.00		20.00		20.00		14.50	
		134	5670	19.00	19.50		19.50		19.50		14.50	
		142	5710	18.91	19.50		19.50		19.50		14.50	
		106	5530	18.13	19.00		19.00		19.00		14.50	
	802.11ax-HE80 MCS0	122	5610	18.05	19.00		19.00		19.00		14.50	100.00
		138	5690	17.76	18.50		18.50		18.50		14.50	
		114	5570	16.94	17.50		17.50		17.50		14.50	

Ant 10+11				Full power-Hotspot Full power-Body-worn		standalone-Head		simultaneous-Head		simultaneous-Body-worn		simultaneous-Hotspot				
	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	Duty Cycle %		
5.8GHz WLAN	802.11a 6Mbps	149	5745	21.33	22.00	Not Requested	19.50	Not Requested	14.50	20.75	21.50	Not Requested	15.50	98.97		
		157	5785	21.23	22.00		19.50		14.50	20.70	21.50		15.50			
		165	5825	21.15	22.00		19.50		14.50	20.65	21.50		15.50			
	802.11n-HT20 MCS0	149	5745	19.99	20.50	Not Requested	19.50	Not Requested	14.50	Not Requested	20.50	Not Requested	15.50	100.00		
		157	5785	19.91	20.50		19.50		14.50		20.50		15.50			
		165	5825	19.82	20.50		19.50		14.50		20.50		15.50			
	802.11n-HT40 MCS0	151	5755	18.78	19.50	18.78	19.50	Not Requested	14.50	19.50	Not Requested	15.50	100.00			
		159	5795	18.96	19.50	18.96	19.50		14.50	19.50		15.50				
	802.11ac-VHT20 MCS0	149	5745	20.06	20.50	Not Requested	19.50	Not Requested	14.50	19.50	Not Requested	20.50	Not Requested	15.50	100.00	
		157	5785	20.00	20.50		19.50		14.50	20.50		15.50				
		165	5825	19.86	20.50		19.50		14.50	20.50		15.50				
	802.11ac-VHT40 MCS0	151	5755	18.85	19.50	Not Requested	19.50	Not Requested	14.50	19.50	Not Requested	19.50	Not Requested	15.50	100.00	
		159	5795	19.01	19.50		19.50		14.50	19.50		15.50				
	802.11ac-VHT80 MCS0	155	5775	17.71	18.50	Not Requested	18.50	Not Requested	13.78	14.50	Not Requested	18.50	Not Requested	14.77	15.50	100.00
		149	5745	20.13	21.00		19.50		Not Requested	14.50		21.00		Not Requested	15.50	100.00
	802.11ax-HE20 MCS0	157	5785	20.09	21.00	19.50	14.50	21.00		15.50						
		165	5825	19.90	20.50	19.50	14.50	20.50		15.50						
		151	5755	18.92	19.50	19.50	14.50	19.50	15.50							
802.11ax-HE40 MCS0	159	5795	19.06	20.00	Not Requested	19.50	Not Requested	14.50	20.00	Not Requested	15.50	100.00				
	155	5775	17.74	18.50		18.50		14.50	18.50		15.50					

BT		ANT9		simultaneous-Head				
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit	Average power (dBm)	
			1Mbps	2Mbps	3Mbps		1Mbps	Tune-up Limit
BR / EDR	CH 00	2402	16.46	14.44	14.50	18.00	11.27	13.00
	CH 39	2441	16.02	14.35	14.26	17.50	11.15	13.00
	CH 78	2480	15.76	14.19	14.16	17.50	10.13	11.50

BLE 1M		ANT9			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	
LE	CH 00	2402	6.84	8.50	
	CH 19	2440	7.25	9.00	
	CH 39	2480	5.11	7.00	

BLE 2M		ANT9			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	
LE	CH 00	2402	6.78	8.50	
	CH 19	2440	7.18	9.00	
	CH 39	2480	5.14	7.00	

BT		ANT8						
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit		
			1Mbps	2Mbps	3Mbps			
BR / EDR	CH 00	2402	17.54	15.36	15.41	18.00		
	CH 39	2441	16.89	14.85	15.06	18.00		
	CH 78	2480	16.07	14.54	14.45	17.50		

BLE 1M		ANT8			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	
LE	CH 00	2402	7.37	9.00	
	CH 19	2440	8.28	10.00	
	CH 39	2480	5.23	7.00	

BLE 2M		ANT8			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	
LE	CH 00	2402	7.29	9.00	
	CH 19	2440	8.31	10.00	
	CH 39	2480	6.49	8.00	