Reduced Power Mode for Main PA DSI6

n2 Main PA Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.86	21.94	21.79	23.0	0.0
20	PI/2 BPSK	1	53	21.92	21.98	21.87		
20	PI/2 BPSK	1	104	21.72	21.91	21.89		
20	PI/2 BPSK	50	0	21.77	21.84	21.72	23.0	0.0
20	PI/2 BPSK	50	28	21.80	21.81	21.92	23.0	0.0
20	PI/2 BPSK	50	56	21.77	21.94	21.71	23.0	0.0
20	PI/2 BPSK	100	0	21.84	21.86	21.78		
20	QPSK	1	1	21.92	22.06	21.84	23.0	0.0
20	QPSK	1	53	21.83	21.92	21.84		
20	QPSK	1	104	21.93	21.84	21.78		
20	QPSK	50	0	21.73	21.74	21.79	23.0	0.0
20	QPSK	50	28	21.77	21.88	21.74	23.0	0.0
20	QPSK	50	56	21.81	21.83	21.81	23.0	0.0
20	QPSK	100	0	22.02	22.04	21.68		
20	16QAM	1	1	21.72	21.76	21.89	23.0	0.0
20	64QAM	1	1	20.97	21.16	21.08	22.0	1.0
20	256QAM	1	1	18.56	18.67	18.60	20.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.91	21.87	21.69	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.79	21.94	21.78	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.91	21.99	21.64	23.0	0.0

n5 Main PA Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.73	22.92	22.87	24.0	0.0
20	PI/2 BPSK	1	53	22.76	22.86	22.73		
20	PI/2 BPSK	1	104	22.70	22.88	22.74		
20	PI/2 BPSK	50	0	22.70	22.87	22.74	24.0	0.0
20	PI/2 BPSK	50	28	22.88	22.95	22.81	24.0	0.0
20	PI/2 BPSK	50	56	22.80	22.90	22.88	24.0	0.0
20	PI/2 BPSK	100	0	22.87	22.94	22.76		
20	QPSK	1	1	23.31	23.34	23.12	24.0	0.0
20	QPSK	1	53	22.62	22.82	22.73		
20	QPSK	1	104	22.77	22.80	22.62		
20	QPSK	50	0	22.74	22.93	22.82	24.0	0.0
20	QPSK	50	28	23.21	23.23	23.22	24.0	0.0
20	QPSK	50	56	22.68	22.88	22.86	24.0	0.0
20	QPSK	100	0	23.21	23.29	23.22		
20	16QAM	1	1	**22.83**	22.98	22.89	24.0	0.0
20	64QAM	1	1	22.13	22.14	21.93	23.0	1.0
20	256QAM	1	1	19.31	19.43	19.28	21.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.16	23.19	23.08	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.11	23.25	22.94	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.24	23.29	23.12	24.0	0.0

n7 Main PA Ant0 DSI6

BW [MHz]	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	PI/2 BPSK	1	1	19.70	19.83	19.74	21.1	0.0
40	PI/2 BPSK	1	108	20.11	19.91	19.99		
40	PI/2 BPSK	1	214	20.01	19.98	19.80		
40	PI/2 BPSK	108	0	19.75	19.86	19.53	21.1	0.0
40	PI/2 BPSK	108	54	19.66	19.94	19.74	21.1	0.0
40	PI/2 BPSK	108	108	19.94	19.94	20.02	21.1	0.0
40	PI/2 BPSK	216	0	19.61	19.95	19.81		
40	QPSK	1	1	20.09	20.18	20.14	21.1	0.0
40	QPSK	1	108	19.72	19.80	19.71		
40	QPSK	1	214	19.97	19.88	19.73		
40	QPSK	108	0	19.97	19.95	19.67	21.1	0.0
40	QPSK	108	54	20.02	20.07	20.04	21.1	0.0
40	QPSK	108	108	19.93	20.02	19.94	21.1	0.0
40	QPSK	216	0	20.01	20.04	19.99		
40	16QAM	1	1	19.93	20.04	19.83	21.1	0.0
40	64QAM	1	1	19.88	19.98	19.89	21.1	0.0
40	256QAM	1	1	19.29	19.34	19.26	20.1	1.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.02	19.89	19.75	21.1	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.07	20.09	19.77	21.1	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.98	20.04	19.78	21.1	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.98	20.04	19.81	21.1	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.02	20.09	19.87	21.1	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.02	19.91	19.90	21.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.07	23.08	22.97	24.0	0.0
20	PI/2 BPSK	1	53	22.98	23.07	22.91		
20	PI/2 BPSK	1	104	22.93	22.94	22.89		
20	PI/2 BPSK	50	0	23.02	23.11	23.09	24.0	0.0
20	PI/2 BPSK	50	28	23.07	23.06	22.97	24.0	0.0
20	PI/2 BPSK	50	56	22.76	22.98	22.91	24.0	0.0
20	PI/2 BPSK	100	0	23.08	23.08	23.06		
20	QPSK	1	1	23.15	23.17	23.13	24.0	0.0
20	QPSK	1	53	22.96	23.07	22.99		
20	QPSK	1	104	22.91	22.94	22.94		
20	QPSK	50	0	22.93	23.11	22.96	24.0	0.0
20	QPSK	50	28	23.12	23.15	22.91	24.0	0.0
20	QPSK	50	56	22.84	22.98	22.77	24.0	0.0
20	QPSK	100	0	23.05	23.10	22.94		
20	16QAM	1	1	22.72	22.76	22.62	24.0	0.0
20	64QAM	1	1	22.53	22.62	22.53	23.0	1.0
20	256QAM	1	1	19.66	19.72	19.52	21.0	3.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.99	23.08	23.14	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.12	23.16	23.05	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.02	23.05	22.93	24.0	0.0

n66 Main PA Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.66	21.66	21.59	23.0	0.0
40	PI/2 BPSK	1	108	21.51	21.50	21.40		
40	PI/2 BPSK	1	214	21.43	21.57	21.36		
40	PI/2 BPSK	108	0	21.42	21.57	21.39	23.0	0.0
40	PI/2 BPSK	108	54	21.50	21.51	21.40	23.0	0.0
40	PI/2 BPSK	108	108	21.42	21.58	21.36	23.0	0.0
40	PI/2 BPSK	216	0	21.28	21.48	21.38		
40	QPSK	1	1	21.69	21.73	21.67	23.0	0.0
40	QPSK	1	108	21.36	21.49	21.29		
40	QPSK	1	214	21.52	21.62	21.61		
40	QPSK	108	0	21.42	21.59	21.40	23.0	0.0
40	QPSK	108	54	21.67	21.72	21.61	23.0	0.0
40	QPSK	108	108	21.52	21.63	21.62	23.0	0.0
40	QPSK	216	0	21.63	21.66	21.62		
40	16QAM	1	1	21.44	21.52	21.31	23.0	0.0
40	64QAM	1	1	20.74	20.74	20.59	22.0	1.0
40	256QAM	1	1	18.47	18.52	18.38	20.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.60	21.54	21.53	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.64	21.72	21.47	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.56	21.55	21.55	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.68	21.69	21.67	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.61	21.60	21.49	23.0	0.0

n38 Main PA Ant0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.29	20.30	20.12	21.4	0.0
40	PI/2 BPSK	1	53	20.10	20.32	20.03		
40	PI/2 BPSK	1	104	20.11	20.15	20.05		
40	PI/2 BPSK	50	0	20.07	20.26	20.11	21.4	0.0
40	PI/2 BPSK	50	28	20.28	20.35	20.03	21.4	0.0
40	PI/2 BPSK	50	56	20.20	20.21	20.14	21.4	0.0
40	PI/2 BPSK	100	0	20.06	20.25	20.22		
40	QPSK	1	1	20.19	20.38	20.00	21.4	0.0
40	QPSK	1	53	20.29	20.17	20.00		
40	QPSK	1	104	20.12	20.15	20.12		
40	QPSK	50	0	20.09	20.26	20.17	21.4	0.0
40	QPSK	50	28	20.20	20.37	20.14	21.4	0.0
40	QPSK	50	56	20.10	20.28	20.18	21.4	0.0
40	QPSK	100	0	20.27	20.35	20.14		
40	16QAM	1	1	20.27	20.30	20.23	21.4	0.0
40	64QAM	1	1	20.14	20.31	20.05	21.4	0.0
40	256QAM	1	1	17.70	17.79	17.58	18.9	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.21	20.18	20.08	21.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.07	20.27	20.15	21.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.20	20.25	20.13	21.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.10	20.35	20.12	21.4	0.0

n41 Main PA Ant0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.25	20.35	20.02	21.4	0.0
100	PI/2 BPSK	1	137	20.12	20.25	20.01		
100	PI/2 BPSK	1	271	20.09	20.22	20.04		
100	PI/2 BPSK	135	0	20.26	20.22	20.19	21.4	0.0
100	PI/2 BPSK	135	69	20.21	20.18	20.09	21.4	0.0
100	PI/2 BPSK	135	138	20.10	20.29	20.04	21.4	0.0
100	PI/2 BPSK	270	0	20.08	20.29	20.02		
100	QPSK	1	1	20.27	20.39	20.07	21.4	0.0
100	QPSK	1	137	20.27	20.17	20.19		
100	QPSK	1	271	20.16	20.17	20.00		
100	QPSK	135	0	20.29	20.23	20.18	21.4	0.0
100	QPSK	135	69	20.26	20.33	20.09	21.4	0.0
100	QPSK	135	138	20.08	20.27	20.11	21.4	0.0
100	QPSK	270	0	20.15	20.25	20.04		
100	16QAM	1	1	20.19	20.16	20.19	21.4	0.0
100	64QAM	1	1	20.24	20.24	20.12	21.4	0.0
100	256QAM	1	1	19.64	19.68	19.47	20.9	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.18	20.24	20.11	21.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.06	20.35	20.05	21.4	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.19	20.18	20.13	21.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.14	20.32	20.10	21.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.19	20.24	20.02	21.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.27	20.27	20.17	21.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.20	20.24	20.08	21.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.24	20.30	20.01	21.4	0.0

n2 Main PA Ant1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.13	19.06	19.10	20.2	0.0
20	PI/2 BPSK	1	53	18.96	19.12	18.92		
20	PI/2 BPSK	1	104	18.94	19.20	19.03		
20	PI/2 BPSK	50	0	19.10	19.15	18.91	20.2	0.0
20	PI/2 BPSK	50	28	18.95	19.21	19.12	20.2	0.0
20	PI/2 BPSK	50	56	19.07	19.09	19.10	20.2	0.0
20	PI/2 BPSK	100	0	19.04	19.11	18.90		
20	QPSK	1	1	19.13	19.23	19.12	20.2	0.0
20	QPSK	1	53	19.15	19.15	18.99		
20	QPSK	1	104	19.13	19.11	18.98		
20	QPSK	50	0	19.07	19.05	18.96	20.2	0.0
20	QPSK	50	28	18.96	19.17	19.09	20.2	0.0
20	QPSK	50	56	19.06	19.05	18.93	20.2	0.0
20	QPSK	100	0	19.02	19.15	19.09		
20	16QAM	1	1	18.93	18.99	19.09	20.2	0.0
20	64QAM	1	1	18.97	19.16	19.00	20.2	0.0
20	256QAM	1	1	18.48	18.53	18.43	19.7	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.94	19.06	19.09	20.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.02	19.03	19.13	20.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.04	19.19	18.91	20.2	0.0

n5 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.45	22.55	22.37	24.0	0.0
20	PI/2 BPSK	1	53	22.39	22.46	22.31		
20	PI/2 BPSK	1	104	22.27	22.38	22.39		
20	PI/2 BPSK	50	0	22.53	22.59	22.59	24.0	0.0
20	PI/2 BPSK	50	28	22.44	22.51	22.37	24.0	0.0
20	PI/2 BPSK	50	56	22.35	22.48	22.43	24.0	0.0
20	PI/2 BPSK	100	0	22.44	22.51	22.41		
20	QPSK	1	1	22.61	22.78	22.58	24.0	0.0
20	QPSK	1	53	22.29	22.51	22.38		
20	QPSK	1	104	22.27	22.46	22.46		
20	QPSK	50	0	22.49	22.58	22.55	24.0	0.0
20	QPSK	50	28	22.55	22.59	22.56	24.0	0.0
20	QPSK	50	56	22.37	22.58	22.51	24.0	0.0
20	QPSK	100	0	22.54	22.58	22.50		
20	16QAM	1	1	22.60	22.68	22.66	24.0	0.0
20	64QAM	1	1	21.12	21.12	21.04	23.0	1.0
20	256QAM	1	1	19.32	19.36	19.22	21.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.42	22.64	22.40	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.60	22.65	22.46	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.42	22.61	22.45	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.42	20.53	20.66	21.7	0.0
40	PI/2 BPSK	1	108	20.49	20.54	20.67		
40	PI/2 BPSK	1	214	20.41	20.52	20.49		
40	PI/2 BPSK	108	0	20.49	20.65	20.47	21.7	0.0
40	PI/2 BPSK	108	54	20.40	20.63	20.66	21.7	0.0
40	PI/2 BPSK	108	108	20.41	20.59	20.54	21.7	0.0
40	PI/2 BPSK	216	0	20.54	20.47	20.53		
40	QPSK	1	1	20.55	20.69	20.50	21.7	0.0
40	QPSK	1	108	20.58	20.51	20.60		
40	QPSK	1	214	20.61	20.55	20.54		
40	QPSK	108	0	20.52	20.62	20.45	21.7	0.0
40	QPSK	108	54	20.42	20.66	20.51	21.7	0.0
40	QPSK	108	108	20.60	20.65	20.56	21.7	0.0
40	QPSK	216	0	20.44	20.57	20.56		
40	16QAM	1	1	20.42	20.61	20.63	21.7	0.0
40	64QAM	1	1	20.47	20.64	20.51	21.7	0.0
40	256QAM	1	1	19.93	20.03	19.87	21.2	0.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.45	20.50	20.58	21.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.55	20.61	20.44	21.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.60	20.57	20.54	21.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.45	20.49	20.55	21.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.42	20.65	20.57	21.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.56	20.61	20.53	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.94	22.97	22.82	24.0	0.0
20	PI/2 BPSK	1	53	22.87	22.93	22.86		
20	PI/2 BPSK	1	104	22.83	22.82	22.65		
20	PI/2 BPSK	50	0	22.91	23.05	22.99	24.0	0.0
20	PI/2 BPSK	50	28	23.00	23.02	22.83	24.0	0.0
20	PI/2 BPSK	50	56	22.91	22.91	22.76	24.0	0.0
20	PI/2 BPSK	100	0	22.96	23.04	22.94		
20	QPSK	1	1	22.91	23.17	22.97	24.0	0.0
20	QPSK	1	53	22.76	22.88	22.76		
20	QPSK	1	104	22.74	22.76	22.55		
20	QPSK	50	0	22.96	23.14	23.03	24.0	0.0
20	QPSK	50	28	23.10	23.15	22.93	24.0	0.0
20	QPSK	50	56	22.72	22.89	22.69	24.0	0.0
20	QPSK	100	0	22.88	23.05	22.87		
20	16QAM	1	1	22.93	23.08	22.91	24.0	0.0
20	64QAM	1	1	21.19	21.22	21.03	23.0	1.0
20	256QAM	1	1	19.87	19.88	19.86	21.0	3.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.77	22.97	22.91	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.75	23.11	22.98	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.82	22.98	22.83	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.24	18.24	18.36	19.7	0.0
40	PI/2 BPSK	1	108	18.22	18.31	18.16		
40	PI/2 BPSK	1	214	18.31	18.26	18.26		
40	PI/2 BPSK	108	0	18.20	18.24	18.16	19.7	0.0
40	PI/2 BPSK	108	54	18.21	18.21	18.30	19.7	0.0
40	PI/2 BPSK	108	108	18.25	18.33	18.32	19.7	0.0
40	PI/2 BPSK	216	0	18.29	18.26	18.20		
40	QPSK	1	1	18.37	18.39	18.34	19.7	0.0
40	QPSK	1	108	18.35	18.37	18.22		
40	QPSK	1	214	18.29	18.37	18.26		
40	QPSK	108	0	18.25	18.25	18.19	19.7	0.0
40	QPSK	108	54	18.23	18.29	18.17	19.7	0.0
40	QPSK	108	108	18.25	18.24	18.24	19.7	0.0
40	QPSK	216	0	18.30	18.38	18.31		
40	16QAM	1	1	18.32	18.32	18.29	19.7	0.0
40	64QAM	1	1	18.23	18.36	18.35	19.7	0.0
40	256QAM	1	1	18.35	18.35	18.26	19.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.25	18.28	18.21	19.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.30	18.29	18.25	19.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.36	18.30	18.28	19.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.24	18.29	18.35	19.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.25	18.20	18.37	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.23	20.58	20.25	21.2	0.0
40	PI/2 BPSK	1	53	20.36	20.44	20.42		
40	PI/2 BPSK	1	104	20.39	20.46	20.29		
40	PI/2 BPSK	50	0	20.27	20.39	20.26	21.2	0.0
40	PI/2 BPSK	50	28	20.45	20.36	20.45	21.2	0.0
40	PI/2 BPSK	50	56	20.40	20.43	20.30	21.2	0.0
40	PI/2 BPSK	100	0	20.34	20.47	20.36		
40	QPSK	1	1	20.31	20.59	20.35	21.2	0.0
40	QPSK	1	53	20.40	20.35	20.34		
40	QPSK	1	104	20.29	20.58	20.34		
40	QPSK	50	0	20.38	20.46	20.23	21.2	0.0
40	QPSK	50	28	20.45	20.53	20.24	21.2	0.0
40	QPSK	50	56	20.41	20.47	20.26	21.2	0.0
40	QPSK	100	0	20.23	20.52	20.40		
40	16QAM	1	1	20.40	20.53	20.36	21.2	0.0
40	64QAM	1	1	20.35	20.52	20.36	21.2	0.0
40	256QAM	1	1	18.69	18.75	18.65	19.2	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.38	20.43	20.46	21.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.40	20.56	20.44	21.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.28	20.36	20.23	21.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.36	20.43	20.40	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.43	20.49	20.35	21.2	0.0
100	PI/2 BPSK	1	137	20.36	20.35	20.25		
100	PI/2 BPSK	1	271	20.37	20.52	20.40		
100	PI/2 BPSK	135	0	20.30	20.41	20.24	21.2	0.0
100	PI/2 BPSK	135	69	20.22	20.43	20.42	21.2	0.0
100	PI/2 BPSK	135	138	20.33	20.47	20.40	21.2	0.0
100	PI/2 BPSK	270	0	20.36	20.49	20.45		
100	QPSK	1	1	20.48	20.63	20.52	21.2	0.0
100	QPSK	1	137	20.21	20.43	20.40		
100	QPSK	1	271	20.24	20.35	20.41		
100	QPSK	135	0	20.22	20.55	20.34	21.2	0.0
100	QPSK	135	69	20.31	20.57	20.26	21.2	0.0
100	QPSK	135	138	20.26	20.40	20.45	21.2	0.0
100	QPSK	270	0	20.37	20.45	20.44		
100	16QAM	1	1	20.41	20.49	20.43	21.2	0.0
100	64QAM	1	1	20.41	20.44	20.29	21.2	0.0
100	256QAM	1	1	20.27	20.35	20.29	21.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.27	20.53	20.26	21.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.37	20.42	20.25	21.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.27	20.43	20.34	21.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.29	20.44	20.34	21.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.30	20.43	20.23	21.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.34	20.47	20.41	21.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.38	20.43	20.38	21.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.21	20.52	20.25	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.12	22.29	22.31	23.0	0.0
20	PI/2 BPSK	1	53	22.26	22.32	22.25		
20	PI/2 BPSK	1	104	22.19	22.21	22.01		
20	PI/2 BPSK	50	0	22.31	22.32	22.30	23.0	0.0
20	PI/2 BPSK	50	28	22.16	22.29	22.14	23.0	0.0
20	PI/2 BPSK	50	56	22.12	22.20	22.11	23.0	0.0
20	PI/2 BPSK	100	0	22.29	22.32	22.21		
20	QPSK	1	1	22.32	22.34	22.19	23.0	0.0
20	QPSK	1	53	22.33	22.32	22.32		
20	QPSK	1	104	22.16	22.26	22.16		
20	QPSK	50	0	22.01	22.22	22.04	23.0	0.0
20	QPSK	50	28	22.23	22.29	22.12	23.0	0.0
20	QPSK	50	56	22.14	22.21	22.14	23.0	0.0
20	QPSK	100	0	22.22	22.27	22.06		
20	16QAM	1	1	22.28	22.33	22.20	23.0	0.0
20	64QAM	1	1	21.74	21.73	21.71	22.0	1.0
20	256QAM	1	1	19.00	19.09	18.90	20.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.20	22.28	22.09	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.13	22.25	22.06	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.32	22.14	22.14	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.64	21.81	21.73	23.0	0.0
40	PI/2 BPSK	1	108	21.78	21.85	21.86		
40	PI/2 BPSK	1	214	21.75	21.82	21.73		
40	PI/2 BPSK	108	0	21.79	21.82	21.78	23.0	0.0
40	PI/2 BPSK	108	54	21.70	21.81	21.79	23.0	0.0
40	PI/2 BPSK	108	108	21.67	21.86	21.71	23.0	0.0
40	PI/2 BPSK	216	0	21.80	21.86	21.77		
40	QPSK	1	1	21.77	21.93	21.83	23.0	0.0
40	QPSK	1	108	21.53	21.73	21.73		
40	QPSK	1	214	21.76	21.78	21.60		
40	QPSK	108	0	21.58	21.74	21.73	23.0	0.0
40	QPSK	108	54	21.73	21.82	21.78	23.0	0.0
40	QPSK	108	108	21.62	21.79	21.64	23.0	0.0
40	QPSK	216	0	21.72	21.82	21.77		
40	16QAM	1	1	21.57	21.77	21.63	23.0	0.0
40	64QAM	1	1	20.33	20.47	20.25	22.0	1.0
40	256QAM	1	1	18.87	18.86	18.73	20.0	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.73	21.73	21.67	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.79	21.75	21.64	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.63	21.77	21.83	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.70	21.74	21.71	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.63	21.83	21.66	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.65	21.73	21.71	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.01	22.01	21.98	23.0	0.0
40	PI/2 BPSK	1	108	21.78	21.87	21.86		
40	PI/2 BPSK	1	214	21.67	21.84	21.75		
40	PI/2 BPSK	108	0	21.76	21.98	21.99	23.0	0.0
40	PI/2 BPSK	108	54	21.69	21.89	21.78	23.0	0.0
40	PI/2 BPSK	108	108	21.67	21.88	21.90	23.0	0.0
40	PI/2 BPSK	216	0	21.73	21.94	21.91		
40	QPSK	1	1	22.04	22.25	22.01	23.0	0.0
40	QPSK	1	108	21.73	21.76	21.71		
40	QPSK	1	214	21.78	21.87	21.71		
40	QPSK	108	0	21.98	21.98	21.86	23.0	0.0
40	QPSK	108	54	21.81	22.06	21.91	23.0	0.0
40	QPSK	108	108	21.76	21.95	21.89	23.0	0.0
40	QPSK	216	0	21.97	22.04	21.92		
40	16QAM	1	1	21.74	21.91	21.85	23.0	0.0
40	64QAM	1	1	21.02	21.18	21.08	22.0	1.0
40	256QAM	1	1	18.85	18.99	18.98	20.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.94	22.09	22.02	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.89	22.07	21.90	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.83	22.19	22.03	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.87	22.16	21.93	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.90	22.07	21.84	23.0	0.0

n38 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.63	21.74	21.64	23.0	0.0
40	PI/2 BPSK	1	53	21.59	21.57	21.48		
40	PI/2 BPSK	1	104	21.70	21.69	21.67		
40	PI/2 BPSK	50	0	21.16	21.32	21.15	22.5	0.5
40	PI/2 BPSK	50	28	21.43	21.62	21.45	23.0	0.0
40	PI/2 BPSK	50	56	21.04	21.23	21.21	22.5	0.5
40	PI/2 BPSK	100	0	21.16	21.23	21.06		
40	QPSK	1	1	21.80	21.82	21.69	23.0	0.0
40	QPSK	1	53	21.66	21.67	21.53		
40	QPSK	1	104	21.60	21.70	21.54		
40	QPSK	50	0	20.70	20.69	20.52	22.0	1.0
40	QPSK	50	28	21.64	21.68	21.64	23.0	0.0
40	QPSK	50	56	20.73	20.72	20.64	22.0	1.0
40	QPSK	100	0	20.53	20.64	20.59		
40	16QAM	1	1	20.73	20.94	20.94	22.0	1.0
40	64QAM	1	1	19.07	19.29	19.08	20.5	2.5
40	256QAM	1	1	17.03	17.20	17.16	18.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.64	21.77	21.56	23.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.62	21.66	21.63	23.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.73	21.76	21.61	23.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.73	21.63	21.67	23.0	0.0

n41 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.82	21.89	21.95	23.0	0.0
100	PI/2 BPSK	1	137	21.73	21.76	21.67		
100	PI/2 BPSK	1	271	21.42	21.63	21.46		
100	PI/2 BPSK	135	0	21.86	21.90	21.78	23.0	0.0
100	PI/2 BPSK	135	69	21.65	21.77	21.63	23.0	0.0
100	PI/2 BPSK	135	138	21.64	21.68	21.64	23.0	0.0
100	PI/2 BPSK	270	0	21.82	21.84	21.63		
100	QPSK	1	1	21.43	21.91	21.81	23.0	0.0
100	QPSK	1	137	21.59	21.73	21.65		
100	QPSK	1	271	21.47	21.60	21.60		
100	QPSK	135	0	21.60	21.78	21.70	23.0	0.0
100	QPSK	135	69	21.51	21.97	21.58	23.0	0.0
100	QPSK	135	138	21.44	21.62	21.54	23.0	0.0
100	QPSK	270	0	21.54	21.81	21.61		
100	16QAM	1	1	21.71	21.84	21.63	23.0	0.0
100	64QAM	1	1	21.43	21.47	21.29	22.0	1.0
100	256QAM	1	1	18.78	18.77	18.74	20.0	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.27	21.83	21.69	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.24	21.75	21.76	23.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.22	21.81	21.76	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.30	21.72	21.60	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.24	21.77	21.71	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.39	21.69	21.79	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.33	21.77	21.62	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.31	21.87	21.66	23.0	0.0

n2 Main PA Ant3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.64	21.80	21.56	22.8	0.0
20	PI/2 BPSK	1	53	21.60	21.63	21.67		
20	PI/2 BPSK	1	104	21.64	21.76	21.60		
20	PI/2 BPSK	50	0	21.56	21.76	21.62	22.8	0.0
20	PI/2 BPSK	50	28	21.54	21.78	21.46	22.8	0.0
20	PI/2 BPSK	50	56	21.67	21.59	21.68	22.8	0.0
20	PI/2 BPSK	100	0	21.61	21.70	21.58		
20	QPSK	1	1	21.76	21.81	21.75	22.8	0.0
20	QPSK	1	53	21.53	21.75	21.50		
20	QPSK	1	104	21.69	21.68	21.51		
20	QPSK	50	0	21.49	21.58	21.48	22.8	0.0
20	QPSK	50	28	21.64	21.78	21.49	22.8	0.0
20	QPSK	50	56	21.54	21.67	21.55	22.8	0.0
20	QPSK	100	0	21.72	21.75	21.46		
20	16QAM	1	1	21.53	21.65	21.49	22.8	0.0
20	64QAM	1	1	21.60	21.61	21.70	22.8	0.0
20	256QAM	1	1	20.26	20.27	20.29	21.3	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.57	21.63	21.62	22.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.60	21.67	21.48	22.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.63	21.80	21.66	22.8	0.0

n7 Main PA Ant3 DSI6

BW [MHz]	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	PI/2 BPSK	1	1	20.03	20.04	20.16	21.5	0.0
40	PI/2 BPSK	1	108	20.09	20.15	20.19		
40	PI/2 BPSK	1	214	20.03	20.06	20.15		
40	PI/2 BPSK	108	0	20.08	20.13	19.98	21.5	0.0
40	PI/2 BPSK	108	54	20.03	20.06	20.15	21.5	0.0
40	PI/2 BPSK	108	108	20.19	20.04	20.01	21.5	0.0
40	PI/2 BPSK	216	0	20.05	20.05	20.06		
40	QPSK	1	1	20.21	20.28	20.26	21.5	0.0
40	QPSK	1	108	20.13	20.12	20.16		
40	QPSK	1	214	20.20	20.08	20.07		
40	QPSK	108	0	20.20	20.05	20.15	21.5	0.0
40	QPSK	108	54	20.01	20.25	20.13	21.5	0.0
40	QPSK	108	108	20.16	20.18	20.14	21.5	0.0
40	QPSK	216	0	20.15	20.18	20.08		
40	16QAM	1	1	20.22	20.07	20.00	21.5	0.0
40	64QAM	1	1	20.15	20.24	20.17	21.5	0.0
40	256QAM	1	1	19.76	19.89	19.71	21.0	0.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.08	20.21	19.96	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.13	20.08	20.20	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.07	20.12	20.08	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.13	20.14	20.00	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.19	20.16	20.04	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.22	20.06	20.16	21.5	0.0

n66 Main PA Ant3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.65	21.61	21.37	22.5	0.0
40	PI/2 BPSK	1	108	21.62	21.66	21.55		
40	PI/2 BPSK	1	214	21.65	21.60	21.37		
40	PI/2 BPSK	108	0	21.59	21.53	21.33	22.5	0.0
40	PI/2 BPSK	108	54	21.45	21.46	21.31	22.5	0.0
40	PI/2 BPSK	108	108	21.53	21.57	21.49	22.5	0.0
40	PI/2 BPSK	216	0	21.56	21.53	21.39		
40	QPSK	1	1	21.60	21.68	21.57	22.5	0.0
40	QPSK	1	108	21.45	21.67	21.38		
40	QPSK	1	214	21.53	21.57	21.40		
40	QPSK	108	0	21.55	21.52	21.55	22.5	0.0
40	QPSK	108	54	21.46	21.67	21.36	22.5	0.0
40	QPSK	108	108	21.59	21.58	21.50	22.5	0.0
40	QPSK	216	0	21.61	21.63	21.34		
40	16QAM	1	1	21.60	21.49	21.40	22.5	0.0
40	64QAM	1	1	21.56	21.58	21.32	22.5	0.0
40	256QAM	1	1	19.93	19.94	19.78	21.0	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.54	21.48	21.49	22.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.61	21.53	21.32	22.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.55	21.60	21.45	22.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.58	21.62	21.47	22.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.57	21.50	21.48	22.5	0.0

n38 Main PA Ant3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.11	20.14	19.99	21.1	0.0
40	PI/2 BPSK	1	53	20.09	20.13	20.03		
40	PI/2 BPSK	1	104	19.96	19.98	19.99		
40	PI/2 BPSK	50	0	19.98	20.21	19.93	21.1	0.0
40	PI/2 BPSK	50	28	20.02	20.08	19.99	21.1	0.0
40	PI/2 BPSK	50	56	20.06	20.15	19.99	21.1	0.0
40	PI/2 BPSK	100	0	20.09	20.18	20.04		
40	QPSK	1	1	20.19	20.24	20.12	21.1	0.0
40	QPSK	1	53	20.04	20.04	19.88		
40	QPSK	1	104	20.02	20.15	19.98		
40	QPSK	50	0	20.09	20.17	20.06	21.1	0.0
40	QPSK	50	28	20.16	20.18	19.96	21.1	0.0
40	QPSK	50	56	20.04	20.04	19.91	21.1	0.0
40	QPSK	100	0	20.09	20.17	19.97		
40	16QAM	1	1	20.10	20.15	19.89	21.1	0.0
40	64QAM	1	1	20.02	20.14	19.98	21.1	0.0
40	256QAM	1	1	18.26	18.44	18.30	19.1	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.02	20.07	19.99	21.1	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.06	20.10	20.06	21.1	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.11	20.13	19.95	21.1	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.98	20.05	19.95	21.1	0.0

n41 Main PA Ant3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.94	20.01	19.94	21.1	0.0
100	PI/2 BPSK	1	137	20.12	20.18	19.89		
100	PI/2 BPSK	1	271	19.94	20.00	20.05		
100	PI/2 BPSK	135	0	20.11	20.17	20.05	21.1	0.0
100	PI/2 BPSK	135	69	19.98	20.16	19.92	21.1	0.0
100	PI/2 BPSK	135	138	19.98	20.07	19.95	21.1	0.0
100	PI/2 BPSK	270	0	20.17	20.20	19.91		
100	QPSK	1	1	20.18	20.26	20.08	21.1	0.0
100	QPSK	1	137	20.11	20.17	19.96		
100	QPSK	1	271	20.01	20.00	19.97		
100	QPSK	135	0	20.02	20.04	19.97	21.1	0.0
100	QPSK	135	69	20.15	20.22	20.02	21.1	0.0
100	QPSK	135	138	20.14	20.20	19.95	21.1	0.0
100	QPSK	270	0	20.06	20.17	19.95		
100	16QAM	1	1	20.17	19.99	20.07	21.1	0.0
100	64QAM	1	1	20.04	20.07	19.96	21.1	0.0
100	256QAM	1	1	20.18	20.21	20.21	21.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.03	20.12	19.91	21.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.95	20.13	19.90	21.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.99	20.09	19.93	21.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.97	20.08	19.90	21.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.09	20.11	20.08	21.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.14	20.17	20.03	21.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.03	20.02	20.05	21.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.04	20.11	20.03	21.1	0.0

Reduced Power Mode for Main PA DSI9

n2 Main PA Ant0 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.47	17.58	17.19	18.8	0.0
20	PI/2 BPSK	1	53	17.24	17.48	17.08		
20	PI/2 BPSK	1	104	17.37	17.42	17.04		
20	PI/2 BPSK	50	0	17.25	17.56	17.27	18.8	0.0
20	PI/2 BPSK	50	28	17.47	17.51	17.05	18.8	0.0
20	PI/2 BPSK	50	56	17.45	17.56	17.27	18.8	0.0
20	PI/2 BPSK	100	0	17.34	17.53	17.21		
20	QPSK	1	1	17.46	17.61	17.26	18.8	0.0
20	QPSK	1	53	17.48	17.43	17.14		
20	QPSK	1	104	17.28	17.52	17.25		
20	QPSK	50	0	17.26	17.46	17.22	18.8	0.0
20	QPSK	50	28	17.48	17.58	17.24	18.8	0.0
20	QPSK	50	56	17.42	17.55	17.11	18.8	0.0
20	QPSK	100	0	17.27	17.56	17.22		
20	16QAM	1	1	17.40	17.58	17.24	18.8	0.0
20	64QAM	1	1	17.36	17.40	17.16	18.8	0.0
20	256QAM	1	1	17.41	17.59	17.05	18.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.42	17.60	17.18	18.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.25	17.59	17.07	18.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.25	17.56	17.17	18.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.73	22.92	22.87	24.0	0.0
20	PI/2 BPSK	1	53	22.76	22.86	22.73		
20	PI/2 BPSK	1	104	22.70	22.88	22.74		
20	PI/2 BPSK	50	0	22.70	22.87	22.74	24.0	0.0
20	PI/2 BPSK	50	28	22.88	22.95	22.81	24.0	0.0
20	PI/2 BPSK	50	56	22.80	22.90	22.88	24.0	0.0
20	PI/2 BPSK	100	0	22.87	22.94	22.76		
20	QPSK	1	1	23.31	23.34	23.12	24.0	0.0
20	QPSK	1	53	22.62	22.82	22.73		
20	QPSK	1	104	22.77	22.80	22.62		
20	QPSK	50	0	22.74	22.93	22.82	24.0	0.0
20	QPSK	50	28	23.21	23.23	23.22	24.0	0.0
20	QPSK	50	56	22.68	22.88	22.86	24.0	0.0
20	QPSK	100	0	23.21	23.29	23.22		
20	16QAM	1	1	22.83	22.98	22.89	24.0	0.0
20	64QAM	1	1	22.13	22.14	21.93	23.0	1.0
20	256QAM	1	1	19.31	19.43	19.28	21.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.16	23.19	23.08	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.11	23.25	22.94	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.24	23.29	23.12	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.94	17.03	17.02	18.0	0.0
40	PI/2 BPSK	1	108	17.05	16.97	16.98		
40	PI/2 BPSK	1	214	16.96	16.99	17.03		
40	PI/2 BPSK	108	0	17.08	16.94	16.99	18.0	0.0
40	PI/2 BPSK	108	54	16.95	17.00	17.00	18.0	0.0
40	PI/2 BPSK	108	108	17.08	16.94	17.07	18.0	0.0
40	PI/2 BPSK	216	0	17.12	17.13	17.04		
40	QPSK	1	1	17.12	17.14	17.06	18.0	0.0
40	QPSK	1	108	17.05	16.95	16.86		
40	QPSK	1	214	17.13	17.10	16.88		
40	QPSK	108	0	17.10	17.02	16.86	18.0	0.0
40	QPSK	108	54	17.11	17.12	16.93	18.0	0.0
40	QPSK	108	108	16.94	17.11	16.98	18.0	0.0
40	QPSK	216	0	17.05	17.10	17.04		
40	16QAM	1	1	17.03	17.10	16.96	18.0	0.0
40	64QAM	1	1	16.94	17.01	16.90	18.0	0.0
40	256QAM	1	1	17.09	17.02	16.93	18.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.02	17.13	16.98	18.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.05	17.12	17.06	18.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.93	17.08	16.91	18.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.03	16.98	17.01	18.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.10	17.10	17.02	18.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.09	17.06	16.96	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.07	23.08	22.97	24.0	0.0
20	PI/2 BPSK	1	53	22.98	23.07	22.91		
20	PI/2 BPSK	1	104	22.93	22.94	22.89		
20	PI/2 BPSK	50	0	23.02	23.11	23.09	24.0	0.0
20	PI/2 BPSK	50	28	23.07	23.06	22.97	24.0	0.0
20	PI/2 BPSK	50	56	22.76	22.98	22.91	24.0	0.0
20	PI/2 BPSK	100	0	23.08	23.08	23.06		
20	QPSK	1	1	23.15	23.17	23.13	24.0	0.0
20	QPSK	1	53	22.96	23.07	22.99		
20	QPSK	1	104	22.91	22.94	22.94		
20	QPSK	50	0	22.93	23.11	22.96	24.0	0.0
20	QPSK	50	28	23.12	23.15	22.91	24.0	0.0
20	QPSK	50	56	22.84	22.98	22.77	24.0	0.0
20	QPSK	100	0	23.05	23.10	22.94		
20	16QAM	1	1	22.72	22.76	22.62	24.0	0.0
20	64QAM	1	1	22.53	22.62	22.53	23.0	1.0
20	256QAM	1	1	19.66	19.72	19.52	21.0	3.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.99	23.08	23.14	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.12	23.16	23.05	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.02	23.05	22.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.95	17.00	16.97	18.4	0.0
40	PI/2 BPSK	1	108	17.14	17.06	16.92		
40	PI/2 BPSK	1	214	17.17	17.04	17.03		
40	PI/2 BPSK	108	0	16.95	17.07	17.06	18.4	0.0
40	PI/2 BPSK	108	54	17.02	17.08	16.90	18.4	0.0
40	PI/2 BPSK	108	108	17.05	17.12	16.94	18.4	0.0
40	PI/2 BPSK	216	0	17.11	17.15	17.02		
40	QPSK	1	1	17.16	17.18	17.11	18.4	0.0
40	QPSK	1	108	17.17	17.14	16.95		
40	QPSK	1	214	17.11	17.17	17.00		
40	QPSK	108	0	17.10	17.09	17.05	18.4	0.0
40	QPSK	108	54	17.09	17.15	16.89	18.4	0.0
40	QPSK	108	108	17.10	17.13	17.02	18.4	0.0
40	QPSK	216	0	17.11	17.12	16.92		
40	16QAM	1	1	16.99	17.06	17.00	18.4	0.0
40	64QAM	1	1	17.12	17.10	16.97	18.4	0.0
40	256QAM	1	1	17.14	17.16	17.02	18.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.07	17.03	16.90	18.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.14	17.13	17.11	18.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.06	16.99	17.11	18.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.16	17.00	17.04	18.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.03	16.97	17.03	18.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.80	18.77	18.75	19.5	0.0
40	PI/2 BPSK	1	53	18.81	18.67	18.82		
40	PI/2 BPSK	1	104	18.62	18.73	18.82		
40	PI/2 BPSK	50	0	18.61	18.80	18.76	19.5	0.0
40	PI/2 BPSK	50	28	18.78	18.84	18.78	19.5	0.0
40	PI/2 BPSK	50	56	18.70	18.77	18.72	19.5	0.0
40	PI/2 BPSK	100	0	18.77	18.85	18.82		
40	QPSK	1	1	18.82	18.87	18.81	19.5	0.0
40	QPSK	1	53	18.84	18.85	18.77		
40	QPSK	1	104	18.68	18.80	18.81		
40	QPSK	50	0	18.71	18.77	18.79	19.5	0.0
40	QPSK	50	28	18.80	18.85	18.69	19.5	0.0
40	QPSK	50	56	18.82	18.75	18.80	19.5	0.0
40	QPSK	100	0	18.73	18.80	18.73		
40	16QAM	1	1	18.64	18.80	18.63	19.5	0.0
40	64QAM	1	1	18.73	18.67	18.71	19.5	0.0
40	256QAM	1	1	17.66	17.81	17.37	18.5	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.71	18.83	18.83	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.82	18.63	18.71	19.5	0.0
Channel				515592	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.76	18.79	18.61	19.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.77	18.85	18.69	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.77	18.95	18.60	19.5	0.0
100	PI/2 BPSK	1	137	18.82	18.89	18.69		
100	PI/2 BPSK	1	271	18.81	18.89	18.69		
100	PI/2 BPSK	135	0	18.80	18.95	18.65	19.5	0.0
100	PI/2 BPSK	135	69	18.71	18.90	18.69	19.5	0.0
100	PI/2 BPSK	135	138	18.64	18.77	18.84	19.5	0.0
100	PI/2 BPSK	270	0	18.63	18.92	18.73		
100	QPSK	1	1	18.82	18.97	18.82	19.5	0.0
100	QPSK	1	137	18.70	18.86	18.82		
100	QPSK	1	271	18.61	18.89	18.66		
100	QPSK	135	0	18.81	18.87	18.78	19.5	0.0
100	QPSK	135	69	18.83	18.95	18.64	19.5	0.0
100	QPSK	135	138	18.76	18.93	18.81	19.5	0.0
100	QPSK	270	0	18.78	18.89	18.75		
100	16QAM	1	1	18.71	18.82	18.64	19.5	0.0
100	64QAM	1	1	18.76	18.93	18.70	19.5	0.0
100	256QAM	1	1	18.79	18.80	18.63	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.77	18.77	18.75	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.74	18.85	18.82	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.83	18.81	18.65	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.73	18.80	18.81	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.82	18.91	18.83	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.73	18.88	18.63	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.71	18.88	18.78	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.83	18.95	18.77	19.5	0.0

n2 Main PA Ant1 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	9.00	9.11	9.18	10.4	0.0
20	PI/2 BPSK	1	53	9.07	9.14	9.11		
20	PI/2 BPSK	1	104	8.87	9.18	9.07		
20	PI/2 BPSK	50	0	8.92	9.20	9.09	10.4	0.0
20	PI/2 BPSK	50	28	9.00	9.07	9.11	10.4	0.0
20	PI/2 BPSK	50	56	8.99	9.02	9.01	10.4	0.0
20	PI/2 BPSK	100	0	8.89	9.11	9.21		
20	QPSK	1	1	9.07	9.22	9.20	10.4	0.0
20	QPSK	1	53	8.99	9.18	9.00		
20	QPSK	1	104	8.88	9.08	9.06		
20	QPSK	50	0	8.88	9.05	9.12	10.4	0.0
20	QPSK	50	28	9.01	9.20	9.16	10.4	0.0
20	QPSK	50	56	9.01	9.06	9.10	10.4	0.0
20	QPSK	100	0	8.87	9.19	9.18		
20	16QAM	1	1	8.93	9.01	9.00	10.4	0.0
20	64QAM	1	1	8.90	9.11	9.01	10.4	0.0
20	256QAM	1	1	8.95	9.07	9.07	10.4	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	9.07	9.10	9.06	10.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	9.08	9.00	9.09	10.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	8.92	9.11	9.16	10.4	0.0

n5 Main PA Ant1 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.24	19.39	19.37	20.8	0.0
20	PI/2 BPSK	1	53	19.20	19.44	19.31		
20	PI/2 BPSK	1	104	19.24	19.33	19.31		
20	PI/2 BPSK	50	0	19.33	19.44	19.27	20.8	0.0
20	PI/2 BPSK	50	28	19.28	19.36	19.18	20.8	0.0
20	PI/2 BPSK	50	56	19.21	19.45	19.23	20.8	0.0
20	PI/2 BPSK	100	0	19.28	19.27	19.24		
20	QPSK	1	1	19.41	19.46	19.37	20.8	0.0
20	QPSK	1	53	19.35	19.24	19.32		
20	QPSK	1	104	19.24	19.27	19.28		
20	QPSK	50	0	19.39	19.42	19.19	20.8	0.0
20	QPSK	50	28	19.38	19.45	19.18	20.8	0.0
20	QPSK	50	56	19.32	19.28	19.29	20.8	0.0
20	QPSK	100	0	19.38	19.40	19.34		
20	16QAM	1	1	19.41	19.36	19.36	20.8	0.0
20	64QAM	1	1	19.29	19.45	19.32	20.8	0.0
20	256QAM	1	1	19.24	19.45	19.38	20.8	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.42	19.31	19.15	20.8	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	19.38	19.41	19.31	20.8	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	19.29	19.25	19.37	20.8	0.0

n7 Main PA Ant1 DSI9

BW [MHz]	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	PI/2 BPSK	1	1	15.03	14.98	15.10	16.2	0.0
40	PI/2 BPSK	1	108	14.97	15.15	14.95		
40	PI/2 BPSK	1	214	14.92	15.01	15.09		
40	PI/2 BPSK	108	0	14.98	15.08	14.96	16.2	0.0
40	PI/2 BPSK	108	54	15.09	15.00	15.02	16.2	0.0
40	PI/2 BPSK	108	108	14.91	15.18	15.08	16.2	0.0
40	PI/2 BPSK	216	0	14.94	15.03	15.05		
40	QPSK	1	1	14.91	15.19	15.03	16.2	0.0
40	QPSK	1	108	15.00	15.05	15.04		
40	QPSK	1	214	15.03	14.95	15.07		
40	QPSK	108	0	15.10	15.12	14.98	16.2	0.0
40	QPSK	108	54	14.90	15.17	14.95	16.2	0.0
40	QPSK	108	108	15.04	15.04	15.11	16.2	0.0
40	QPSK	216	0	15.07	15.15	15.07		
40	16QAM	1	1	15.11	15.18	14.96	16.2	0.0
40	64QAM	1	1	14.95	15.08	15.14	16.2	0.0
40	256QAM	1	1	14.99	15.17	14.97	16.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.95	15.03	15.03	16.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.96	15.13	15.16	16.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.94	15.09	15.03	16.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.08	15.07	15.03	16.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.89	15.11	15.10	16.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.98	15.08	15.06	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	19.19	19.62	19.46	20.8	0.0
20	PI/2 BPSK	1	53	19.30	19.63	19.38		
20	PI/2 BPSK	1	104	19.24	19.52	19.29		
20	PI/2 BPSK	50	0	19.35	19.54	19.40	20.8	0.0
20	PI/2 BPSK	50	28	19.24	19.71	19.30	20.8	0.0
20	PI/2 BPSK	50	56	19.20	19.61	19.48	20.8	0.0
20	PI/2 BPSK	100	0	19.15	19.66	19.49		
20	QPSK	1	1	19.36	19.74	19.48	20.8	0.0
20	QPSK	1	53	19.37	19.73	19.34		
20	QPSK	1	104	19.27	19.64	19.42		
20	QPSK	50	0	19.15	19.56	19.35	20.8	0.0
20	QPSK	50	28	19.16	19.71	19.33	20.8	0.0
20	QPSK	50	56	19.35	19.69	19.46	20.8	0.0
20	QPSK	100	0	19.19	19.63	19.43		
20	16QAM	1	1	19.38	19.61	19.47	20.8	0.0
20	64QAM	1	1	19.37	19.56	19.39	20.8	0.0
20	256QAM	1	1	19.28	19.56	19.49	20.8	0.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	19.17	19.72	19.34	20.8	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	19.29	19.64	19.42	20.8	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	19.25	19.69	19.33	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	11.81	11.91	11.74	12.9	0.0
40	PI/2 BPSK	1	108	11.79	11.94	11.69		
40	PI/2 BPSK	1	214	11.92	11.90	11.74		
40	PI/2 BPSK	108	0	11.77	11.81	11.66	12.9	0.0
40	PI/2 BPSK	108	54	11.89	11.82	11.74	12.9	0.0
40	PI/2 BPSK	108	108	11.89	11.89	11.82	12.9	0.0
40	PI/2 BPSK	216	0	11.75	11.80	11.79		
40	QPSK	1	1	11.89	11.97	11.84	12.9	0.0
40	QPSK	1	108	11.83	11.76	11.69		
40	QPSK	1	214	11.90	11.94	11.84		
40	QPSK	108	0	11.80	11.78	11.69	12.9	0.0
40	QPSK	108	54	11.89	11.95	11.76	12.9	0.0
40	QPSK	108	108	11.89	11.94	11.73	12.9	0.0
40	QPSK	216	0	11.90	11.92	11.65		
40	16QAM	1	1	11.79	11.91	11.66	12.9	0.0
40	64QAM	1	1	11.93	11.90	11.64	12.9	0.0
40	256QAM	1	1	11.79	11.76	11.81	12.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	11.92	11.77	11.85	12.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	11.94	11.75	11.69	12.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	11.85	11.91	11.66	12.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	11.93	11.90	11.74	12.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	11.89	11.78	11.77	12.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	13.68	13.76	13.74	15.2	0.0
40	PI/2 BPSK	1	53	13.82	13.82	13.96		
40	PI/2 BPSK	1	104	13.84	13.80	13.74		
40	PI/2 BPSK	50	0	13.68	13.78	13.73	15.2	0.0
40	PI/2 BPSK	50	28	13.77	13.96	13.73	15.2	0.0
40	PI/2 BPSK	50	56	13.86	13.89	13.90	15.2	0.0
40	PI/2 BPSK	100	0	13.75	13.95	13.86		
40	QPSK	1	1	13.85	13.98	13.94	15.2	0.0
40	QPSK	1	53	13.64	13.83	13.77		
40	QPSK	1	104	13.83	13.77	13.89		
40	QPSK	50	0	13.80	13.88	13.92	15.2	0.0
40	QPSK	50	28	13.85	13.97	13.93	15.2	0.0
40	QPSK	50	56	13.68	13.78	13.81	15.2	0.0
40	QPSK	100	0	13.71	13.90	13.88		
40	16QAM	1	1	13.87	13.90	13.78	15.2	0.0
40	64QAM	1	1	13.80	13.97	13.81	15.2	0.0
40	256QAM	1	1	13.69	13.77	13.76	15.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	13.78	13.87	13.89	15.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	13.71	13.77	13.73	15.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	13.70	13.78	13.75	15.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	13.74	13.80	13.74	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.76	13.93	13.93	15.2	0.0
100	PI/2 BPSK	1	137	13.90	14.05	13.94		
100	PI/2 BPSK	1	271	13.89	14.08	13.96		
100	PI/2 BPSK	135	0	13.75	14.00	13.92	15.2	0.0
100	PI/2 BPSK	135	69	13.95	13.96	13.97	15.2	0.0
100	PI/2 BPSK	135	138	13.92	14.04	13.81	15.2	0.0
100	PI/2 BPSK	270	0	13.88	14.06	13.79		
100	QPSK	1	1	13.95	14.10	13.98	15.2	0.0
100	QPSK	1	137	13.73	13.92	13.83		
100	QPSK	1	271	13.93	13.95	13.93		
100	QPSK	135	0	13.77	14.00	14.00	15.2	0.0
100	QPSK	135	69	13.75	14.08	13.93	15.2	0.0
100	QPSK	135	138	13.80	13.95	13.99	15.2	0.0
100	QPSK	270	0	13.83	13.92	13.82		
100	16QAM	1	1	13.87	14.08	13.91	15.2	0.0
100	64QAM	1	1	13.87	14.06	13.94	15.2	0.0
100	256QAM	1	1	13.74	14.00	13.88	15.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	13.76	14.06	13.76	15.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.79	14.09	13.94	15.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	13.75	13.94	13.78	15.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	13.94	14.06	13.78	15.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	13.85	13.90	13.79	15.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	13.86	14.00	13.80	15.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	13.74	13.93	13.96	15.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.80	14.07	13.82	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.12	22.29	22.31	23.0	0.0
20	PI/2 BPSK	1	53	22.26	22.32	22.25		
20	PI/2 BPSK	1	104	22.19	22.21	22.01		
20	PI/2 BPSK	50	0	22.31	22.32	22.30	23.0	0.0
20	PI/2 BPSK	50	28	22.16	22.29	22.14	23.0	0.0
20	PI/2 BPSK	50	56	22.12	22.20	22.11	23.0	0.0
20	PI/2 BPSK	100	0	22.29	22.32	22.21		
20	QPSK	1	1	22.32	22.34	22.19	23.0	0.0
20	QPSK	1	53	22.33	22.32	22.32		
20	QPSK	1	104	22.16	22.26	22.16		
20	QPSK	50	0	22.01	22.22	22.04	23.0	0.0
20	QPSK	50	28	22.23	22.29	22.12	23.0	0.0
20	QPSK	50	56	22.14	22.21	22.14	23.0	0.0
20	QPSK	100	0	22.22	22.27	22.06		
20	16QAM	1	1	22.28	22.33	22.20	23.0	0.0
20	64QAM	1	1	21.74	21.73	21.71	22.0	1.0
20	256QAM	1	1	19.00	19.09	18.90	20.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.20	22.28	22.09	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.13	22.25	22.06	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.32	22.14	22.14	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.16	20.29	20.31	21.5	0.0
40	PI/2 BPSK	1	108	20.21	20.45	20.15		
40	PI/2 BPSK	1	214	20.19	20.12	20.27		
40	PI/2 BPSK	108	0	20.12	20.33	20.32	21.5	0.0
40	PI/2 BPSK	108	54	20.28	20.44	20.12	21.5	0.0
40	PI/2 BPSK	108	108	20.25	20.42	20.19	21.5	0.0
40	PI/2 BPSK	216	0	20.21	20.39	20.14		
40	QPSK	1	1	20.33	20.50	20.31	21.5	0.0
40	QPSK	1	108	20.15	20.41	20.25		
40	QPSK	1	214	20.27	20.45	20.22		
40	QPSK	108	0	20.30	20.40	20.13	21.5	0.0
40	QPSK	108	54	20.21	20.48	20.13	21.5	0.0
40	QPSK	108	108	20.13	20.34	20.24	21.5	0.0
40	QPSK	216	0	20.33	20.47	20.14		
40	16QAM	1	1	20.21	20.42	20.27	21.5	0.0
40	64QAM	1	1	20.26	20.34	20.30	21.5	0.0
40	256QAM	1	1	18.80	18.64	18.63	20.0	1.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.14	20.36	20.32	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.14	20.26	20.26	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.16	20.37	20.16	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.33	20.42	20.33	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.35	20.49	20.29	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.28	20.49	20.26	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.04	21.22	20.88	22.4	0.0
40	PI/2 BPSK	1	108	21.05	21.28	20.89		
40	PI/2 BPSK	1	214	20.90	21.27	20.80		
40	PI/2 BPSK	108	0	20.83	21.11	20.81	22.4	0.0
40	PI/2 BPSK	108	54	20.97	21.22	20.83	22.4	0.0
40	PI/2 BPSK	108	108	20.89	21.23	20.91	22.4	0.0
40	PI/2 BPSK	216	0	20.85	21.26	20.90		
40	QPSK	1	1	21.05	21.30	20.92	22.4	0.0
40	QPSK	1	108	20.92	21.22	20.71		
40	QPSK	1	214	20.88	21.29	20.90		
40	QPSK	108	0	21.04	21.25	20.74	22.4	0.0
40	QPSK	108	54	20.85	21.28	20.81	22.4	0.0
40	QPSK	108	108	20.90	21.20	20.70	22.4	0.0
40	QPSK	216	0	20.96	21.10	20.72		
40	16QAM	1	1	21.06	21.21	20.94	22.4	0.0
40	64QAM	1	1	21.03	21.22	20.85	22.4	0.0
40	256QAM	1	1	18.75	18.86	18.94	19.9	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.04	21.09	20.81	22.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.93	21.28	20.77	22.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.90	21.20	20.88	22.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.93	21.16	20.88	22.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.85	21.28	20.80	22.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.19	19.29	19.28	20.3	0.0
40	PI/2 BPSK	1	53	19.08	19.22	19.12		
40	PI/2 BPSK	1	104	19.18	19.18	19.20		
40	PI/2 BPSK	50	0	19.18	19.12	19.18	20.3	0.0
40	PI/2 BPSK	50	28	19.22	19.13	19.26	20.3	0.0
40	PI/2 BPSK	50	56	19.17	19.19	19.20	20.3	0.0
40	PI/2 BPSK	100	0	19.23	19.28	19.26		
40	QPSK	1	1	19.22	19.33	19.27	20.3	0.0
40	QPSK	1	53	19.03	19.30	19.05		
40	QPSK	1	104	19.02	19.28	19.12		
40	QPSK	50	0	19.22	19.27	19.26	20.3	0.0
40	QPSK	50	28	19.17	19.30	19.23	20.3	0.0
40	QPSK	50	56	19.04	19.18	19.24	20.3	0.0
40	QPSK	100	0	19.09	19.25	19.08		
40	16QAM	1	1	19.06	19.26	19.18	20.3	0.0
40	64QAM	1	1	19.01	19.23	19.20	20.3	0.0
40	256QAM	1	1	16.84	17.15	17.14	18.3	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.00	19.23	19.14	20.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.23	19.25	19.25	20.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.11	19.16	19.10	20.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.06	19.28	19.28	20.3	0.0

n41 Main PA Ant2 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.90	19.34	19.01	20.3	0.0
100	PI/2 BPSK	1	137	18.98	19.38	19.00		
100	PI/2 BPSK	1	271	18.93	19.26	19.17		
100	PI/2 BPSK	135	0	18.81	19.20	19.20	20.3	0.0
100	PI/2 BPSK	135	69	18.98	19.39	19.12	20.3	0.0
100	PI/2 BPSK	135	138	18.89	19.28	18.99	20.3	0.0
100	PI/2 BPSK	270	0	18.99	19.25	19.04		
100	QPSK	1	1	19.01	19.41	19.21	20.3	0.0
100	QPSK	1	137	18.94	19.28	19.01		
100	QPSK	1	271	18.92	19.33	19.21		
100	QPSK	135	0	19.03	19.39	19.20	20.3	0.0
100	QPSK	135	69	18.90	19.40	19.18	20.3	0.0
100	QPSK	135	138	18.83	19.26	19.19	20.3	0.0
100	QPSK	270	0	18.95	19.38	19.05		
100	16QAM	1	1	18.90	19.34	19.10	20.3	0.0
100	64QAM	1	1	18.80	19.24	18.99	20.3	0.0
100	256QAM	1	1	18.78	18.56	18.54	19.8	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.82	19.31	19.11	20.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.92	19.22	19.18	20.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.80	19.38	19.04	20.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.91	19.20	19.17	20.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.97	19.35	19.01	20.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.81	19.38	19.07	20.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.86	19.35	19.16	20.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.90	19.39	19.20	20.3	0.0

n2 Main PA Ant3 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.65	15.76	15.73	17.1	0.0
20	PI/2 BPSK	1	53	15.53	15.83	15.66		
20	PI/2 BPSK	1	104	15.59	15.75	15.69		
20	PI/2 BPSK	50	0	15.60	15.76	15.73	17.1	0.0
20	PI/2 BPSK	50	28	15.52	15.77	15.67	17.1	0.0
20	PI/2 BPSK	50	56	15.58	15.72	15.63	17.1	0.0
20	PI/2 BPSK	100	0	15.61	15.80	15.68		
20	QPSK	1	1	15.63	15.84	15.72	17.1	0.0
20	QPSK	1	53	15.48	15.76	15.72		
20	QPSK	1	104	15.62	15.72	15.52		
20	QPSK	50	0	15.64	15.69	15.53	17.1	0.0
20	QPSK	50	28	15.53	15.83	15.71	17.1	0.0
20	QPSK	50	56	15.42	15.65	15.70	17.1	0.0
20	QPSK	100	0	15.51	15.75	15.55		
20	16QAM	1	1	15.60	15.68	15.56	17.1	0.0
20	64QAM	1	1	15.46	15.66	15.69	17.1	0.0
20	256QAM	1	1	15.60	15.63	15.52	17.1	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.52	15.78	15.55	17.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.46	15.66	15.59	17.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.47	15.72	15.65	17.1	0.0

n7 Main PA Ant3 DSI9

BW [MHz]	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	PI/2 BPSK	1	1	18.64	18.71	18.61	19.7	0.0
40	PI/2 BPSK	1	108	18.67	18.74	18.79		
40	PI/2 BPSK	1	214	18.56	18.80	18.79		
40	PI/2 BPSK	108	0	18.56	18.69	18.78	19.7	0.0
40	PI/2 BPSK	108	54	18.72	18.67	18.77	19.7	0.0
40	PI/2 BPSK	108	108	18.70	18.79	18.80	19.7	0.0
40	PI/2 BPSK	216	0	18.66	18.68	18.68		
40	QPSK	1	1	18.70	18.81	18.78	19.7	0.0
40	QPSK	1	108	18.64	18.67	18.78		
40	QPSK	1	214	18.64	18.75	18.60		
40	QPSK	108	0	18.50	18.73	18.65	19.7	0.0
40	QPSK	108	54	18.61	18.78	18.64	19.7	0.0
40	QPSK	108	108	18.54	18.72	18.60	19.7	0.0
40	QPSK	216	0	18.50	18.75	18.62		
40	16QAM	1	1	18.69	18.66	18.62	19.7	0.0
40	64QAM	1	1	18.52	18.75	18.64	19.7	0.0
40	256QAM	1	1	18.70	18.80	18.73	19.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.55	18.66	18.59	19.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.72	18.78	18.80	19.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.65	18.72	18.67	19.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.53	18.80	18.71	19.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.69	18.75	18.66	19.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.63	18.74	18.78	19.7	0.0

n66 Main PA Ant3 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.98	16.02	15.69	17.2	0.0
40	PI/2 BPSK	1	108	15.89	15.98	15.86		
40	PI/2 BPSK	1	214	15.90	16.12	15.78		
40	PI/2 BPSK	108	0	16.09	16.09	15.90	17.2	0.0
40	PI/2 BPSK	108	54	15.97	16.03	15.89	17.2	0.0
40	PI/2 BPSK	108	108	15.96	16.10	15.93	17.2	0.0
40	PI/2 BPSK	216	0	16.10	15.99	15.87		
40	QPSK	1	1	16.10	16.13	15.91	17.2	0.0
40	QPSK	1	108	16.05	16.05	15.83		
40	QPSK	1	214	16.07	15.96	15.88		
40	QPSK	108	0	15.95	15.99	15.84	17.2	0.0
40	QPSK	108	54	15.89	16.12	15.83	17.2	0.0
40	QPSK	108	108	16.03	16.10	15.75	17.2	0.0
40	QPSK	216	0	15.90	16.11	15.82		
40	16QAM	1	1	16.10	16.03	15.82	17.2	0.0
40	64QAM	1	1	15.91	15.94	15.70	17.2	0.0
40	256QAM	1	1	16.08	16.04	15.81	17.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.98	16.05	15.69	17.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.99	16.12	15.74	17.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.90	16.10	15.73	17.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.08	15.91	15.87	17.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.02	16.04	15.82	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.94	18.15	17.85	19.0	0.0
40	PI/2 BPSK	1	53	17.94	18.01	17.95		
40	PI/2 BPSK	1	104	18.06	18.08	17.89		
40	PI/2 BPSK	50	0	18.09	17.97	17.84	19.0	0.0
40	PI/2 BPSK	50	28	17.91	18.12	17.90	19.0	0.0
40	PI/2 BPSK	50	56	17.93	18.15	17.89	19.0	0.0
40	PI/2 BPSK	100	0	17.95	18.12	17.89		
40	QPSK	1	1	18.09	18.16	18.00	19.0	0.0
40	QPSK	1	53	18.00	18.01	17.93		
40	QPSK	1	104	18.06	18.08	17.83		
40	QPSK	50	0	17.94	17.95	17.98	19.0	0.0
40	QPSK	50	28	18.03	18.14	17.83	19.0	0.0
40	QPSK	50	56	18.11	18.02	17.86	19.0	0.0
40	QPSK	100	0	18.08	18.10	17.92		
40	16QAM	1	1	17.87	17.95	17.96	19.0	0.0
40	64QAM	1	1	17.87	18.01	17.99	19.0	0.0
40	256QAM	1	1	17.91	18.13	17.88	19.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.06	18.15	17.80	19.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.02	18.07	17.91	19.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.99	17.95	17.90	19.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.10	18.09	17.95	19.0	0.0

n41 Main PA Ant3 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.77	18.11	18.00	19.0	0.0
100	PI/2 BPSK	1	137	17.68	17.95	17.99		
100	PI/2 BPSK	1	271	17.75	18.11	17.89		
100	PI/2 BPSK	135	0	17.67	18.03	17.82	19.0	0.0
100	PI/2 BPSK	135	69	17.68	18.11	17.93	19.0	0.0
100	PI/2 BPSK	135	138	17.76	18.07	17.82	19.0	0.0
100	PI/2 BPSK	270	0	17.66	18.07	17.85		
100	QPSK	1	1	17.87	18.15	18.02	19.0	0.0
100	QPSK	1	137	17.81	17.97	17.92		
100	QPSK	1	271	17.70	18.02	17.98		
100	QPSK	135	0	17.71	18.03	17.93	19.0	0.0
100	QPSK	135	69	17.66	18.13	18.02	19.0	0.0
100	QPSK	135	138	17.69	17.97	17.84	19.0	0.0
100	QPSK	270	0	17.87	18.10	17.82		
100	16QAM	1	1	17.79	18.05	17.87	19.0	0.0
100	64QAM	1	1	17.82	18.10	17.94	19.0	0.0
100	256QAM	1	1	17.65	18.01	17.93	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.86	18.08	17.83	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.73	17.94	17.99	19.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.87	17.99	17.82	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.88	17.97	17.91	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.87	17.96	17.85	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.84	17.95	18.04	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.74	18.14	18.02	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.77	17.97	17.81	19.0	0.0

Reduced Power Mode for Main PA DSI10

n2 Main PA Ant0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.47	17.58	17.19	19.0	0.0
20	PI/2 BPSK	1	53	17.24	17.48	17.08		
20	PI/2 BPSK	1	104	17.37	17.42	17.04		
20	PI/2 BPSK	50	0	17.25	17.56	17.27	19.0	0.0
20	PI/2 BPSK	50	28	17.47	17.51	17.05	19.0	0.0
20	PI/2 BPSK	50	56	17.45	17.56	17.27	19.0	0.0
20	PI/2 BPSK	100	0	17.34	17.53	17.21		
20	QPSK	1	1	17.46	17.61	17.26	19.0	0.0
20	QPSK	1	53	17.48	17.43	17.14		
20	QPSK	1	104	17.28	17.52	17.25		
20	QPSK	50	0	17.26	17.46	17.22	19.0	0.0
20	QPSK	50	28	17.48	17.58	17.24	19.0	0.0
20	QPSK	50	56	17.42	17.55	17.11	19.0	0.0
20	QPSK	100	0	17.27	17.56	17.22		
20	16QAM	1	1	17.40	17.58	17.24	19.0	0.0
20	64QAM	1	1	17.36	17.40	17.16	19.0	0.0
20	256QAM	1	1	17.41	17.59	17.05	19.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.42	17.60	17.18	19.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.25	17.59	17.07	19.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.25	17.56	17.17	19.0	0.0

n5 Main PA Ant0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.13	22.34	22.10	23.2	0.0
20	PI/2 BPSK	1	53	22.11	22.29	21.93		
20	PI/2 BPSK	1	104	22.12	22.15	22.00		
20	PI/2 BPSK	50	0	22.30	22.30	22.00	23.2	0.0
20	PI/2 BPSK	50	28	22.17	22.15	22.10	23.2	0.0
20	PI/2 BPSK	50	56	22.27	22.30	22.00	23.2	0.0
20	PI/2 BPSK	100	0	22.26	22.25	22.06		
20	QPSK	1	1	22.32	22.36	22.15	23.2	0.0
20	QPSK	1	53	22.30	22.25	22.05		
20	QPSK	1	104	22.11	22.31	22.09		
20	QPSK	50	0	22.26	22.20	21.94	23.2	0.0
20	QPSK	50	28	22.24	22.32	22.13	23.2	0.0
20	QPSK	50	56	22.29	22.26	21.99	23.2	0.0
20	QPSK	100	0	22.17	22.25	21.97		
20	16QAM	1	1	22.11	22.23	22.00	23.2	0.0
20	64QAM	1	1	22.11	22.23	22.00	23.2	0.0
20	256QAM	1	1	19.31	19.43	19.28	20.2	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.29	22.34	22.11	23.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.10	22.16	22.07	23.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.28	22.27	22.04	23.2	0.0

n7 Main PA Ant0 DSI10

BW [MHz]	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	PI/2 BPSK	1	1	14.41	14.50	14.43	15.8	0.0
40	PI/2 BPSK	1	108	14.50	14.38	14.44		
40	PI/2 BPSK	1	214	14.44	14.44	14.40		
40	PI/2 BPSK	108	0	14.34	14.55	14.51	15.8	0.0
40	PI/2 BPSK	108	54	14.40	14.48	14.41	15.8	0.0
40	PI/2 BPSK	108	108	14.46	14.39	14.57	15.8	0.0
40	PI/2 BPSK	216	0	14.51	14.53	14.41		
40	QPSK	1	1	14.35	14.62	14.56	15.8	0.0
40	QPSK	1	108	14.31	14.46	14.43		
40	QPSK	1	214	14.41	14.52	14.44		
40	QPSK	108	0	14.48	14.38	14.37	15.8	0.0
40	QPSK	108	54	14.52	14.53	14.38	15.8	0.0
40	QPSK	108	108	14.39	14.51	14.45	15.8	0.0
40	QPSK	216	0	14.35	14.51	14.40		
40	16QAM	1	1	14.40	14.43	14.49	15.8	0.0
40	64QAM	1	1	14.38	14.56	14.54	15.8	0.0
40	256QAM	1	1	14.37	14.58	14.39	15.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.49	14.37	14.48	15.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.30	14.48	14.52	15.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.47	14.39	14.44	15.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.50	14.46	14.41	15.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.31	14.58	14.46	15.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.48	14.57	14.49	15.8	0.0

n26 Main PA Ant0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.02	22.02	22.05	23.2	0.0
20	PI/2 BPSK	1	53	22.16	22.10	22.04		
20	PI/2 BPSK	1	104	21.96	22.14	21.98		
20	PI/2 BPSK	50	0	21.96	22.16	22.06	23.2	0.0
20	PI/2 BPSK	50	28	21.94	22.11	21.95	23.2	0.0
20	PI/2 BPSK	50	56	22.01	22.11	21.95	23.2	0.0
20	PI/2 BPSK	100	0	22.16	22.12	22.06		
20	QPSK	1	1	22.09	22.19	22.05	23.2	0.0
20	QPSK	1	53	21.95	21.96	22.06		
20	QPSK	1	104	21.95	21.96	21.95		
20	QPSK	50	0	21.97	22.07	21.93	23.2	0.0
20	QPSK	50	28	22.06	22.16	22.15	23.2	0.0
20	QPSK	50	56	22.00	22.12	22.05	23.2	0.0
20	QPSK	100	0	22.05	22.09	22.06		
20	16QAM	1	1	21.99	22.11	22.06	23.2	0.0
20	64QAM	1	1	22.10	22.11	21.95	23.2	0.0
20	256QAM	1	1	19.66	19.72	19.52	20.7	2.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.11	22.03	21.91	23.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.14	21.98	21.97	23.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.13	22.17	22.09	23.2	0.0

n66 Main PA Ant0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.71	15.62	15.47	16.5	0.0
40	PI/2 BPSK	1	108	15.67	15.74	15.60		
40	PI/2 BPSK	1	214	15.53	15.72	15.51		
40	PI/2 BPSK	108	0	15.59	15.67	15.57	16.5	0.0
40	PI/2 BPSK	108	54	15.62	15.59	15.59	16.5	0.0
40	PI/2 BPSK	108	108	15.65	15.67	15.53	16.5	0.0
40	PI/2 BPSK	216	0	15.50	15.66	15.62		
40	QPSK	1	1	15.60	15.75	15.56	16.5	0.0
40	QPSK	1	108	15.58	15.52	15.48		
40	QPSK	1	214	15.65	15.57	15.66		
40	QPSK	108	0	15.55	15.67	15.64	16.5	0.0
40	QPSK	108	54	15.54	15.69	15.51	16.5	0.0
40	QPSK	108	108	15.66	15.59	15.55	16.5	0.0
40	QPSK	216	0	15.54	15.72	15.66		
40	16QAM	1	1	15.51	15.58	15.53	16.5	0.0
40	64QAM	1	1	15.47	15.66	15.65	16.5	0.0
40	256QAM	1	1	15.67	15.69	15.65	16.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.58	15.66	15.58	16.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.58	15.66	15.58	16.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.69	15.57	15.62	16.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.70	15.63	15.46	16.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.48	15.68	15.66	16.5	0.0

n38 Main PA Ant0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.66	14.79	14.69	15.8	0.0
40	PI/2 BPSK	1	53	14.81	14.81	14.65		
40	PI/2 BPSK	1	104	14.73	14.79	14.75		
40	PI/2 BPSK	50	0	14.72	14.70	14.66	15.8	0.0
40	PI/2 BPSK	50	28	14.83	14.77	14.71	15.8	0.0
40	PI/2 BPSK	50	56	14.73	14.66	14.71	15.8	0.0
40	PI/2 BPSK	100	0	14.70	14.81	14.67		
40	QPSK	1	1	14.80	14.84	14.63	15.8	0.0
40	QPSK	1	53	14.71	14.81	14.73		
40	QPSK	1	104	14.59	14.80	14.66		
40	QPSK	50	0	14.69	14.73	14.64	15.8	0.0
40	QPSK	50	28	14.72	14.78	14.64	15.8	0.0
40	QPSK	50	56	14.73	14.66	14.65	15.8	0.0
40	QPSK	100	0	14.63	14.76	14.74		
40	16QAM	1	1	14.72	14.65	14.59	15.8	0.0
40	64QAM	1	1	14.78	14.82	14.77	15.8	0.0
40	256QAM	1	1	14.69	14.73	14.69	15.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.64	14.75	14.64	15.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.80	14.64	14.79	15.8	0.0
Channel				515592	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.77	14.66	14.76	15.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.69	14.79	14.64	15.8	0.0

n41 Main PA Ant0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.78	14.79	14.59	15.8	0.0
100	PI/2 BPSK	1	137	14.71	14.69	14.52		
100	PI/2 BPSK	1	271	14.68	14.87	14.54		
100	PI/2 BPSK	135	0	14.66	14.86	14.62	15.8	0.0
100	PI/2 BPSK	135	69	14.67	14.72	14.59	15.8	0.0
100	PI/2 BPSK	135	138	14.68	14.78	14.49	15.8	0.0
100	PI/2 BPSK	270	0	14.66	14.66	14.61		
100	QPSK	1	1	14.78	14.88	14.55	15.8	0.0
100	QPSK	1	137	14.78	14.84	14.58		
100	QPSK	1	271	14.78	14.82	14.51		
100	QPSK	135	0	14.58	14.84	14.68	15.8	0.0
100	QPSK	135	69	14.63	14.85	14.64	15.8	0.0
100	QPSK	135	138	14.74	14.68	14.68	15.8	0.0
100	QPSK	270	0	14.74	14.84	14.64		
100	16QAM	1	1	14.78	14.84	14.66	15.8	0.0
100	64QAM	1	1	14.70	14.68	14.66	15.8	0.0
100	256QAM	1	1	14.79	14.79	14.52	15.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.72	14.79	14.57	15.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	14.67	14.69	14.50	15.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.78	14.83	14.64	15.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.77	14.69	14.52	15.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.68	14.87	14.71	15.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.73	14.82	14.59	15.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.57	14.87	14.55	15.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.63	14.86	14.62	15.8	0.0

n2 Main PA Ant1 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	9.61	9.68	9.56	10.7	0.0
20	PI/2 BPSK	1	53	9.47	9.72	9.61		
20	PI/2 BPSK	1	104	9.60	9.55	9.62		
20	PI/2 BPSK	50	0	9.58	9.49	9.43	10.7	0.0
20	PI/2 BPSK	50	28	9.48	9.63	9.55	10.7	0.0
20	PI/2 BPSK	50	56	9.66	9.55	9.63	10.7	0.0
20	PI/2 BPSK	100	0	9.53	9.66	9.46		
20	QPSK	1	1	9.52	9.73	9.54	10.7	0.0
20	QPSK	1	53	9.49	9.54	9.61		
20	QPSK	1	104	9.66	9.57	9.47		
20	QPSK	50	0	9.49	9.57	9.49	10.7	0.0
20	QPSK	50	28	9.57	9.63	9.39	10.7	0.0
20	QPSK	50	56	9.45	9.60	9.61	10.7	0.0
20	QPSK	100	0	9.54	9.63	9.43		
20	16QAM	1	1	9.47	9.52	9.55	10.7	0.0
20	64QAM	1	1	9.61	9.55	9.54	10.7	0.0
20	256QAM	1	1	9.49	9.65	9.46	10.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	9.66	9.67	9.52	10.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	9.50	9.59	9.61	10.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	9.57	9.65	9.52	10.7	0.0

n5 Main PA Ant1 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.24	19.39	19.37	21.1	0.0
20	PI/2 BPSK	1	53	19.20	19.44	19.31		
20	PI/2 BPSK	1	104	19.24	19.33	19.31		
20	PI/2 BPSK	50	0	19.33	19.44	19.27	21.1	0.0
20	PI/2 BPSK	50	28	19.28	19.36	19.18	21.1	0.0
20	PI/2 BPSK	50	56	19.21	19.45	19.23	21.1	0.0
20	PI/2 BPSK	100	0	19.28	19.27	19.24		
20	QPSK	1	1	19.41	19.46	19.37	21.1	0.0
20	QPSK	1	53	19.35	19.24	19.32		
20	QPSK	1	104	19.24	19.27	19.28		
20	QPSK	50	0	19.39	19.42	19.19	21.1	0.0
20	QPSK	50	28	19.38	19.45	19.18	21.1	0.0
20	QPSK	50	56	19.32	19.28	19.29	21.1	0.0
20	QPSK	100	0	19.38	19.40	19.34		
20	16QAM	1	1	19.41	19.36	19.36	21.1	0.0
20	64QAM	1	1	19.29	19.45	19.32	21.1	0.0
20	256QAM	1	1	19.24	19.45	19.38	21.1	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.42	19.31	19.15	21.1	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	19.38	19.41	19.31	21.1	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	19.29	19.25	19.37	21.1	0.0

n7 Main PA Ant1 DSI10

BW [MHz]	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	PI/2 BPSK	1	1	15.03	14.98	15.10	16.0	0.0
40	PI/2 BPSK	1	108	14.97	15.15	14.95		
40	PI/2 BPSK	1	214	14.92	15.01	15.09		
40	PI/2 BPSK	108	0	14.98	15.08	14.96	16.0	0.0
40	PI/2 BPSK	108	54	15.09	15.00	15.02	16.0	0.0
40	PI/2 BPSK	108	108	14.91	15.18	15.08	16.0	0.0
40	PI/2 BPSK	216	0	14.94	15.03	15.05		
40	QPSK	1	1	14.91	15.19	15.03	16.0	0.0
40	QPSK	1	108	15.00	15.05	15.04		
40	QPSK	1	214	15.03	14.95	15.07		
40	QPSK	108	0	15.10	15.12	14.98	16.0	0.0
40	QPSK	108	54	14.90	15.17	14.95	16.0	0.0
40	QPSK	108	108	15.04	15.04	15.11	16.0	0.0
40	QPSK	216	0	15.07	15.15	15.07		
40	16QAM	1	1	15.11	15.18	14.96	16.0	0.0
40	64QAM	1	1	14.95	15.08	15.14	16.0	0.0
40	256QAM	1	1	14.99	15.17	14.97	16.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.95	15.03	15.03	16.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.96	15.13	15.16	16.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.94	15.09	15.03	16.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.94	15.09	15.03	16.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.89	15.11	15.10	16.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.98	15.08	15.06	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	19.19	19.62	19.46	21.1	0.0
20	PI/2 BPSK	1	53	19.30	19.63	19.38		
20	PI/2 BPSK	1	104	19.24	19.52	19.29		
20	PI/2 BPSK	50	0	19.35	19.54	19.40	21.1	0.0
20	PI/2 BPSK	50	28	19.24	19.71	19.30	21.1	0.0
20	PI/2 BPSK	50	56	19.20	19.61	19.48	21.1	0.0
20	PI/2 BPSK	100	0	19.15	19.66	19.49		
20	QPSK	1	1	19.36	19.74	19.48	21.1	0.0
20	QPSK	1	53	19.37	19.73	19.34		
20	QPSK	1	104	19.27	19.64	19.42		
20	QPSK	50	0	19.15	19.56	19.35	21.1	0.0
20	QPSK	50	28	19.16	19.71	19.33	21.1	0.0
20	QPSK	50	56	19.35	19.69	19.46	21.1	0.0
20	QPSK	100	0	19.19	19.63	19.43		
20	16QAM	1	1	19.38	19.61	19.47	21.1	0.0
20	64QAM	1	1	19.37	19.56	19.39	21.1	0.0
20	256QAM	1	1	19.28	19.56	19.49	21.1	0.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	19.17	19.72	19.34	21.1	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	19.29	19.64	19.42	21.1	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	19.25	19.69	19.33	21.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	11.81	11.91	11.74	12.7	0.0
40	PI/2 BPSK	1	108	11.79	11.94	11.69		
40	PI/2 BPSK	1	214	11.92	11.90	11.74		
40	PI/2 BPSK	108	0	11.77	11.81	11.66	12.7	0.0
40	PI/2 BPSK	108	54	11.89	11.82	11.74	12.7	0.0
40	PI/2 BPSK	108	108	11.89	11.89	11.82	12.7	0.0
40	PI/2 BPSK	216	0	11.75	11.80	11.79		
40	QPSK	1	1	11.89	11.97	11.84	12.7	0.0
40	QPSK	1	108	11.83	11.76	11.69		
40	QPSK	1	214	11.90	11.94	11.84		
40	QPSK	108	0	11.80	11.78	11.69	12.7	0.0
40	QPSK	108	54	11.89	11.95	11.76	12.7	0.0
40	QPSK	108	108	11.89	11.94	11.73	12.7	0.0
40	QPSK	216	0	11.90	11.92	11.65		
40	16QAM	1	1	11.79	11.91	11.66	12.7	0.0
40	64QAM	1	1	11.93	11.90	11.64	12.7	0.0
40	256QAM	1	1	11.79	11.76	11.81	12.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	11.92	11.77	11.85	12.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	11.94	11.75	11.69	12.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	11.85	11.91	11.66	12.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	11.93	11.90	11.74	12.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	11.89	11.78	11.77	12.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.40	14.51	14.30	15.6	0.0
40	PI/2 BPSK	1	53	14.27	14.48	14.23		
40	PI/2 BPSK	1	104	14.22	14.48	14.37		
40	PI/2 BPSK	50	0	14.43	14.40	14.27	15.6	0.0
40	PI/2 BPSK	50	28	14.40	14.52	14.25	15.6	0.0
40	PI/2 BPSK	50	56	14.36	14.51	14.31	15.6	0.0
40	PI/2 BPSK	100	0	14.27	14.52	14.35		
40	QPSK	1	1	14.32	14.55	14.36	15.6	0.0
40	QPSK	1	53	14.37	14.50	14.31		
40	QPSK	1	104	14.32	14.52	14.36		
40	QPSK	50	0	14.23	14.40	14.30	15.6	0.0
40	QPSK	50	28	14.27	14.52	14.45	15.6	0.0
40	QPSK	50	56	14.33	14.43	14.34	15.6	0.0
40	QPSK	100	0	14.21	14.48	14.38		
40	16QAM	1	1	14.43	14.49	14.42	15.6	0.0
40	64QAM	1	1	14.33	14.44	14.31	15.6	0.0
40	256QAM	1	1	14.26	14.40	14.43	15.6	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.22	14.43	14.42	15.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.21	14.37	14.32	15.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.42	14.36	14.23	15.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.42	14.42	14.27	15.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.35	14.50	14.40	15.6	0.0
100	PI/2 BPSK	1	137	14.45	14.47	14.29		
100	PI/2 BPSK	1	271	14.42	14.55	14.32		
100	PI/2 BPSK	135	0	14.33	14.46	14.38	15.6	0.0
100	PI/2 BPSK	135	69	14.46	14.60	14.38	15.6	0.0
100	PI/2 BPSK	135	138	14.42	14.54	14.33	15.6	0.0
100	PI/2 BPSK	270	0	14.25	14.54	14.26		
100	QPSK	1	1	14.44	14.61	14.45	15.6	0.0
100	QPSK	1	137	14.41	14.43	14.44		
100	QPSK	1	271	14.27	14.47	14.47		
100	QPSK	135	0	14.47	14.55	14.47	15.6	0.0
100	QPSK	135	69	14.33	14.56	14.41	15.6	0.0
100	QPSK	135	138	14.45	14.53	14.40	15.6	0.0
100	QPSK	270	0	14.28	14.58	14.44		
100	16QAM	1	1	14.34	14.44	14.47	15.6	0.0
100	64QAM	1	1	14.31	14.46	14.36	15.6	0.0
100	256QAM	1	1	14.34	14.44	14.34	15.6	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.32	14.46	14.45	15.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.40	14.52	14.39	15.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.42	14.43	14.30	15.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.45	14.48	14.44	15.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.24	14.44	14.44	15.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.25	14.60	14.47	15.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.36	14.60	14.33	15.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.28	14.45	14.44	15.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.12	22.29	22.31	23.0	0.0
20	PI/2 BPSK	1	53	22.26	22.32	22.25		
20	PI/2 BPSK	1	104	22.19	22.21	22.01		
20	PI/2 BPSK	50	0	22.31	22.32	22.30	23.0	0.0
20	PI/2 BPSK	50	28	22.16	22.29	22.14	23.0	0.0
20	PI/2 BPSK	50	56	22.12	22.20	22.11	23.0	0.0
20	PI/2 BPSK	100	0	22.29	22.32	22.21		
20	QPSK	1	1	22.32	22.34	22.19	23.0	0.0
20	QPSK	1	53	22.33	22.32	22.32		
20	QPSK	1	104	22.16	22.26	22.16		
20	QPSK	50	0	22.01	22.22	22.04	23.0	0.0
20	QPSK	50	28	22.23	22.29	22.12	23.0	0.0
20	QPSK	50	56	22.14	22.21	22.14	23.0	0.0
20	QPSK	100	0	22.22	22.27	22.06		
20	16QAM	1	1	22.28	22.33	22.20	23.0	0.0
20	64QAM	1	1	21.74	21.73	21.71	22.0	1.0
20	256QAM	1	1	19.00	19.09	18.90	20.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.20	22.28	22.09	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.13	22.25	22.06	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.32	22.14	22.14	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.72	18.80	18.62	19.9	0.0
40	PI/2 BPSK	1	108	18.56	18.72	18.76		
40	PI/2 BPSK	1	214	18.70	18.93	18.74		
40	PI/2 BPSK	108	0	18.61	18.94	18.78	19.9	0.0
40	PI/2 BPSK	108	54	18.59	18.94	18.81	19.9	0.0
40	PI/2 BPSK	108	108	18.64	18.77	18.78	19.9	0.0
40	PI/2 BPSK	216	0	18.65	18.85	18.70		
40	QPSK	1	1	18.74	18.95	18.84	19.9	0.0
40	QPSK	1	108	18.71	18.74	18.76		
40	QPSK	1	214	18.73	18.87	18.80		
40	QPSK	108	0	18.59	18.83	18.65	19.9	0.0
40	QPSK	108	54	18.59	18.94	18.82	19.9	0.0
40	QPSK	108	108	18.60	18.91	18.63	19.9	0.0
40	QPSK	216	0	18.76	18.84	18.71		
40	16QAM	1	1	18.56	18.85	18.76	19.9	0.0
40	64QAM	1	1	18.60	18.91	18.84	19.9	0.0
40	256QAM	1	1	18.77	18.94	18.78	19.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.69	18.74	18.77	19.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.61	18.93	18.65	19.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.72	18.84	18.76	19.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.65	18.89	18.66	19.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.59	18.72	18.70	19.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.65	18.94	18.80	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.92	19.14	18.93	20.5	0.0
40	PI/2 BPSK	1	108	19.01	19.12	18.99		
40	PI/2 BPSK	1	214	19.06	19.09	18.94		
40	PI/2 BPSK	108	0	19.02	19.09	18.81	20.5	0.0
40	PI/2 BPSK	108	54	18.85	19.24	19.02	20.5	0.0
40	PI/2 BPSK	108	108	18.87	19.18	18.99	20.5	0.0
40	PI/2 BPSK	216	0	18.84	19.06	18.91		
40	QPSK	1	1	18.96	19.28	18.96	20.5	0.0
40	QPSK	1	108	18.92	19.21	18.98		
40	QPSK	1	214	18.92	19.07	18.97		
40	QPSK	108	0	19.05	19.15	18.94	20.5	0.0
40	QPSK	108	54	18.86	19.20	18.82	20.5	0.0
40	QPSK	108	108	18.99	19.15	18.85	20.5	0.0
40	QPSK	216	0	18.96	19.20	18.93		
40	16QAM	1	1	18.84	19.03	18.97	20.5	0.0
40	64QAM	1	1	18.85	19.23	18.97	20.5	0.0
40	256QAM	1	1	18.90	19.26	18.99	20.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.04	19.16	18.95	20.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.83	19.10	18.93	20.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.94	19.17	19.01	20.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.86	19.10	18.97	20.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.82	19.24	18.86	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.58	17.65	17.61	18.9	0.0
40	PI/2 BPSK	1	53	17.80	17.63	17.48		
40	PI/2 BPSK	1	104	17.60	17.61	17.54		
40	PI/2 BPSK	50	0	17.74	17.72	17.67	18.9	0.0
40	PI/2 BPSK	50	28	17.71	17.75	17.69	18.9	0.0
40	PI/2 BPSK	50	56	17.78	17.61	17.55	18.9	0.0
40	PI/2 BPSK	100	0	17.70	17.71	17.68		
40	QPSK	1	1	17.76	17.83	17.67	18.9	0.0
40	QPSK	1	53	17.68	17.74	17.61		
40	QPSK	1	104	17.80	17.63	17.70		
40	QPSK	50	0	17.65	17.66	17.67	18.9	0.0
40	QPSK	50	28	17.61	17.79	17.57	18.9	0.0
40	QPSK	50	56	17.69	17.65	17.66	18.9	0.0
40	QPSK	100	0	17.64	17.76	17.60		
40	16QAM	1	1	17.79	17.76	17.53	18.9	0.0
40	64QAM	1	1	17.73	17.63	17.57	18.9	0.0
40	256QAM	1	1	17.77	17.75	17.59	18.9	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.61	17.74	17.57	18.9	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.80	17.75	17.48	18.9	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.62	17.72	17.54	18.9	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.60	17.67	17.71	18.9	0.0

n41 Main PA Ant2 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.30	17.87	17.77	18.9	0.0
100	PI/2 BPSK	1	137	17.34	17.82	17.68		
100	PI/2 BPSK	1	271	17.42	17.87	17.60		
100	PI/2 BPSK	135	0	17.44	17.77	17.77	18.9	0.0
100	PI/2 BPSK	135	69	17.26	17.70	17.60	18.9	0.0
100	PI/2 BPSK	135	138	17.23	17.76	17.81	18.9	0.0
100	PI/2 BPSK	270	0	17.34	17.74	17.74		
100	QPSK	1	1	17.49	17.94	17.62	18.9	0.0
100	QPSK	1	137	17.38	17.77	17.65		
100	QPSK	1	271	17.43	17.92	17.66		
100	QPSK	135	0	17.35	17.73	17.65	18.9	0.0
100	QPSK	135	69	17.36	17.90	17.60	18.9	0.0
100	QPSK	135	138	17.39	17.74	17.74	18.9	0.0
100	QPSK	270	0	17.30	17.92	17.73		
100	16QAM	1	1	17.24	17.91	17.71	18.9	0.0
100	64QAM	1	1	17.44	17.74	17.71	18.9	0.0
100	256QAM	1	1	17.24	17.89	17.61	18.9	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.25	17.83	17.70	18.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.24	17.93	17.79	18.9	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.35	17.85	17.61	18.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.28	17.72	17.75	18.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.35	17.75	17.73	18.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.37	17.73	17.70	18.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.36	17.73	17.71	18.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.43	17.85	17.61	18.9	0.0

n2 Main PA Ant3 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.63	17.79	17.54	18.8	0.0
20	PI/2 BPSK	1	53	17.66	17.67	17.62		
20	PI/2 BPSK	1	104	17.68	17.68	17.66		
20	PI/2 BPSK	50	0	17.69	17.74	17.56	18.8	0.0
20	PI/2 BPSK	50	28	17.69	17.61	17.46	18.8	0.0
20	PI/2 BPSK	50	56	17.50	17.75	17.65	18.8	0.0
20	PI/2 BPSK	100	0	17.66	17.73	17.66		
20	QPSK	1	1	17.66	17.81	17.66	18.8	0.0
20	QPSK	1	53	17.65	17.58	17.65		
20	QPSK	1	104	17.70	17.80	17.53		
20	QPSK	50	0	17.52	17.71	17.57	18.8	0.0
20	QPSK	50	28	17.66	17.77	17.59	18.8	0.0
20	QPSK	50	56	17.56	17.60	17.50	18.8	0.0
20	QPSK	100	0	17.68	17.70	17.48		
20	16QAM	1	1	17.53	17.78	17.60	18.8	0.0
20	64QAM	1	1	17.68	17.77	17.61	18.8	0.0
20	256QAM	1	1	17.66	17.60	17.57	18.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.56	17.71	17.48	18.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.72	17.71	17.46	18.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.67	17.70	17.57	18.8	0.0

n7 Main PA Ant3 DSI10

BW [MHz]	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	PI/2 BPSK	1	1	17.08	17.04	17.17	18.7	0.0
40	PI/2 BPSK	1	108	17.17	17.14	17.19		
40	PI/2 BPSK	1	214	17.07	17.20	17.19		
40	PI/2 BPSK	108	0	17.05	17.07	17.06	18.7	0.0
40	PI/2 BPSK	108	54	17.12	17.10	17.09	18.7	0.0
40	PI/2 BPSK	108	108	17.05	17.10	17.01	18.7	0.0
40	PI/2 BPSK	216	0	17.01	17.19	17.19		
40	QPSK	1	1	17.12	17.26	17.09	18.7	0.0
40	QPSK	1	108	17.08	17.17	17.19		
40	QPSK	1	214	17.04	17.18	16.98		
40	QPSK	108	0	17.03	17.09	16.99	18.7	0.0
40	QPSK	108	54	17.17	17.24	17.10	18.7	0.0
40	QPSK	108	108	17.16	17.20	17.05	18.7	0.0
40	QPSK	216	0	17.15	17.19	17.08		
40	16QAM	1	1	17.13	17.15	17.05	18.7	0.0
40	64QAM	1	1	17.22	17.23	17.00	18.7	0.0
40	256QAM	1	1	17.23	17.08	17.20	18.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.19	17.18	16.99	18.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.07	17.17	17.10	18.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.02	17.13	16.96	18.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.12	17.19	17.03	18.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.22	17.21	17.13	18.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.10	17.21	17.07	18.7	0.0

n66 Main PA Ant3 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.90	18.00	17.83	18.9	0.0
40	PI/2 BPSK	1	108	17.88	17.94	17.98		
40	PI/2 BPSK	1	214	17.80	18.04	17.80		
40	PI/2 BPSK	108	0	17.93	18.06	17.80	18.9	0.0
40	PI/2 BPSK	108	54	17.92	18.01	17.96	18.9	0.0
40	PI/2 BPSK	108	108	17.98	17.93	17.98	18.9	0.0
40	PI/2 BPSK	216	0	17.88	18.05	17.94		
40	QPSK	1	1	18.01	18.08	17.99	18.9	0.0
40	QPSK	1	108	17.94	17.96	17.92		
40	QPSK	1	214	17.97	17.93	17.99		
40	QPSK	108	0	17.96	18.00	17.81	18.9	0.0
40	QPSK	108	54	17.91	18.05	17.87	18.9	0.0
40	QPSK	108	108	17.86	17.97	18.01	18.9	0.0
40	QPSK	216	0	17.90	17.98	17.94		
40	16QAM	1	1	17.83	17.96	17.87	18.9	0.0
40	64QAM	1	1	17.96	17.99	17.96	18.9	0.0
40	256QAM	1	1	17.82	18.04	17.83	18.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.84	17.96	17.83	18.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.98	17.88	17.89	18.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.81	17.90	17.92	18.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.89	18.01	17.97	18.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.87	17.91	17.98	18.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.94	18.15	17.85	19.1	0.0
40	PI/2 BPSK	1	53	17.94	18.01	17.95		
40	PI/2 BPSK	1	104	18.06	18.08	17.89		
40	PI/2 BPSK	50	0	18.09	17.97	17.84	19.1	0.0
40	PI/2 BPSK	50	28	17.91	18.12	17.90	19.1	0.0
40	PI/2 BPSK	50	56	17.93	18.15	17.89	19.1	0.0
40	PI/2 BPSK	100	0	17.95	18.12	17.89		
40	QPSK	1	1	18.09	18.16	18.00	19.1	0.0
40	QPSK	1	53	18.00	18.01	17.93		
40	QPSK	1	104	18.06	18.08	17.83		
40	QPSK	50	0	17.94	17.95	17.98	19.1	0.0
40	QPSK	50	28	18.03	18.14	17.83	19.1	0.0
40	QPSK	50	56	18.11	18.02	17.86	19.1	0.0
40	QPSK	100	0	18.08	18.10	17.92		
40	16QAM	1	1	17.87	17.95	17.96	19.1	0.0
40	64QAM	1	1	17.87	18.01	17.99	19.1	0.0
40	256QAM	1	1	17.91	18.13	17.88	19.1	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.06	18.15	17.80	19.1	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.02	18.07	17.91	19.1	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.99	17.95	17.90	19.1	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.10	18.09	17.95	19.1	0.0

n41 Main PA Ant3 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.77	18.11	18.00	19.1	0.0
100	PI/2 BPSK	1	137	17.68	17.95	17.99		
100	PI/2 BPSK	1	271	17.75	18.11	17.89		
100	PI/2 BPSK	135	0	17.67	18.03	17.82	19.1	0.0
100	PI/2 BPSK	135	69	17.68	18.11	17.93	19.1	0.0
100	PI/2 BPSK	135	138	17.76	18.07	17.82	19.1	0.0
100	PI/2 BPSK	270	0	17.66	18.07	17.85		
100	QPSK	1	1	17.87	18.15	18.02	19.1	0.0
100	QPSK	1	137	17.81	17.97	17.92		
100	QPSK	1	271	17.70	18.02	17.98		
100	QPSK	135	0	17.71	18.03	17.93	19.1	0.0
100	QPSK	135	69	17.66	18.13	18.02	19.1	0.0
100	QPSK	135	138	17.69	17.97	17.84	19.1	0.0
100	QPSK	270	0	17.87	18.10	17.82		
100	16QAM	1	1	17.79	18.05	17.87	19.1	0.0
100	64QAM	1	1	17.82	18.10	17.94	19.1	0.0
100	256QAM	1	1	17.65	18.01	17.93	19.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.86	18.08	17.83	19.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.73	17.94	17.99	19.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.87	17.99	17.82	19.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.88	17.97	17.91	19.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.87	17.96	17.85	19.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.84	17.95	18.04	19.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.74	18.14	18.02	19.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.77	17.97	17.81	19.1	0.0

Full&Default Power Mode for Main PA n77&78

Part27O n77 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.09	21.35	21.24	23.0	0.0
100	PI/2 BPSK	1	137	21.09	21.29	21.24		
100	PI/2 BPSK	1	271	21.06	21.11	21.05		
100	PI/2 BPSK	135	0	21.21	21.28	21.05	23.0	0.0
100	PI/2 BPSK	135	69	21.05	21.17	21.14	23.0	0.0
100	PI/2 BPSK	135	138	21.04	21.13	21.05	23.0	0.0
100	PI/2 BPSK	270	0	21.01	21.14	21.05		
100	QPSK	1	1	21.28	21.35	21.18	23.0	0.0
100	QPSK	1	137	21.10	21.14	21.03		
100	QPSK	1	271	21.01	21.01	21.01		
100	QPSK	135	0	21.05	21.08	21.03	23.0	0.0
100	QPSK	135	69	21.12	21.25	21.02	23.0	0.0
100	QPSK	135	138	21.03	21.10	21.01	23.0	0.0
100	QPSK	270	0	21.13	21.24	21.15		
100	16QAM	1	1	21.14	21.19	21.05	23.0	0.0
100	64QAM	1	1	21.23	21.35	21.30	23.0	0.0
100	256QAM	1	1	20.35	20.42	20.28	22.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.11	21.25	21.09	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.26	21.23	21.10	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.23	21.26	21.05	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.08	21.18	21.10	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.17	21.28	21.03	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.24	21.25	21.02	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.04	21.20	21.01	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.14	21.23	21.14	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.20	21.11	21.15	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.02	21.20	21.07	23.0	0.0

Part27O n77 PC2 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.57	23.77	23.39	25.0	0.0
100	PI/2 BPSK	1	137	23.49	23.66	23.31		
100	PI/2 BPSK	1	271	23.57	23.69	23.30		
100	PI/2 BPSK	135	0	23.50	23.71	23.19	24.5	0.5
100	PI/2 BPSK	135	69	23.64	23.62	23.24	25.0	0.0
100	PI/2 BPSK	135	138	23.47	23.56	23.09	24.5	0.5
100	PI/2 BPSK	270	0	23.40	23.57	23.11		
100	QPSK	1	1	24.08	24.16	23.75	25.0	0.0
100	QPSK	1	137	23.53	23.64	23.18		
100	QPSK	1	271	23.49	23.68	23.39		
100	QPSK	135	0	23.48	23.59	23.09	24.0	1.0
100	QPSK	135	69	24.08	24.15	23.77	25.0	0.0
100	QPSK	135	138	23.41	23.48	22.97	24.0	1.0
100	QPSK	270	0	23.46	23.66	23.29		
100	16QAM	1	1	23.39	23.48	23.01	24.0	1.0
100	64QAM	1	1	21.61	21.75	21.40	22.5	2.5
100	256QAM	1	1	20.10	20.10	19.64	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.98	24.06	23.82	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.98	24.14	23.79	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.94	24.09	23.87	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.88	24.11	23.78	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.03	24.12	23.88	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.02	24.13	23.84	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.97	23.96	23.82	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.08	24.01	23.82	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.97	24.00	23.77	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.90	24.14	23.75	25.0	0.0

Part27O n78 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.65		23.0	0.0
100	PI/2 BPSK	1	137		21.67			
100	PI/2 BPSK	1	271		21.65			
100	PI/2 BPSK	135	0		21.64		22.5	0.5
100	PI/2 BPSK	135	69		21.66		23.0	0.0
100	PI/2 BPSK	135	138		21.53		22.5	0.5
100	PI/2 BPSK	270	0		21.67			
100	QPSK	1	1		21.70		23.0	0.0
100	QPSK	1	137		21.56			
100	QPSK	1	271		21.58			
100	QPSK	135	0		21.48		22.0	1.0
100	QPSK	135	69		21.66		23.0	0.0
100	QPSK	135	138		21.59		22.0	1.0
100	QPSK	270	0		21.37			
100	16QAM	1	1		20.21		22.0	1.0
100	64QAM	1	1		19.28		20.5	2.5
100	256QAM	1	1		17.41		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.53	21.60	21.54	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.58	21.67	21.53	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.65	21.52	21.57	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.59	21.56	21.51	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.63	21.48	21.49	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.55	21.59	21.53	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.68	21.68	21.58	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.49	21.47	21.62	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.63	21.55	21.61	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.50	21.46	21.69	23.0	0.0

Part27O n78 PC2 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.14		25.0	0.0
100	PI/2 BPSK	1	137		24.12			
100	PI/2 BPSK	1	271		24.02			
100	PI/2 BPSK	135	0		23.67		24.5	0.5
100	PI/2 BPSK	135	69		24.09		25.0	0.0
100	PI/2 BPSK	135	138		24.01		24.5	0.5
100	PI/2 BPSK	270	0		23.86			
100	QPSK	1	1		24.15		25.0	0.0
100	QPSK	1	137		23.93			
100	QPSK	1	271		23.97			
100	QPSK	135	0		23.62		24.0	1.0
100	QPSK	135	69		23.98		25.0	0.0
100	QPSK	135	138		23.28		24.0	1.0
100	QPSK	270	0		23.51			
100	16QAM	1	1		22.94		24.0	1.0
100	64QAM	1	1		20.68		22.5	2.5
100	256QAM	1	1		19.87		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.95	24.04	24.07	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.04	23.98	23.90	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.05	24.00	23.89	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.99	24.06	23.99	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.96	23.86	24.06	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.08	24.05	23.89	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.99	23.99	23.91	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.95	23.94	23.89	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.85	23.87	24.04	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.03	24.03	23.85	25.0	0.0

Part27O n77 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.53	21.43	23.0	0.0
100	PI/2 BPSK	1	137	21.56	21.59	21.39		
100	PI/2 BPSK	1	271	21.46	21.54	21.41		
100	PI/2 BPSK	135	0	21.40	21.55	21.34	23.0	0.0
100	PI/2 BPSK	135	69	21.42	21.59	21.56	23.0	0.0
100	PI/2 BPSK	135	138	21.45	21.61	21.43	23.0	0.0
100	PI/2 BPSK	270	0	21.43	21.57	21.58		
100	QPSK	1	1	21.52	21.64	21.41	23.0	0.0
100	QPSK	1	137	21.30	21.51	21.37		
100	QPSK	1	271	21.47	21.57	21.48		
100	QPSK	135	0	21.38	21.53	21.39	23.0	0.0
100	QPSK	135	69	21.49	21.56	21.37	23.0	0.0
100	QPSK	135	138	21.36	21.55	21.37	23.0	0.0
100	QPSK	270	0	21.45	21.53	21.35		
100	16QAM	1	1	21.53	21.52	21.49	23.0	0.0
100	64QAM	1	1	21.30	21.52	21.35	23.0	0.0
100	256QAM	1	1	20.67	20.71	20.54	22.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.50	21.40	21.41	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.37	21.36	21.41	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.48	21.46	21.41	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.49	21.48	21.40	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.45	21.32	21.33	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.47	21.35	21.38	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.43	21.41	21.45	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.50	21.34	21.51	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.45	21.43	21.47	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.42	21.37	21.45	23.0	0.0

Part27O n77 PC2 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.18	24.21	24.01	25.0	0.0
100	PI/2 BPSK	1	137	24.17	24.24	24.25		
100	PI/2 BPSK	1	271	24.27	24.30	24.23		
100	PI/2 BPSK	135	0	24.02	24.21	24.11	25.0	0.0
100	PI/2 BPSK	135	69	23.99	24.05	24.01	25.0	0.0
100	PI/2 BPSK	135	138	24.10	24.28	24.07	25.0	0.0
100	PI/2 BPSK	270	0	24.13	24.17	24.12		
100	QPSK	1	1	24.31	24.40	24.23	25.0	0.0
100	QPSK	1	137	24.13	24.24	24.21		
100	QPSK	1	271	24.24	24.23	24.04		
100	QPSK	135	0	23.80	23.92	23.81	25.0	0.0
100	QPSK	135	69	24.20	24.31	24.16	25.0	0.0
100	QPSK	135	138	24.08	24.22	24.13	25.0	0.0
100	QPSK	270	0	24.11	24.14	24.10		
100	16QAM	1	1	23.25	23.35	23.34	24.0	1.0
100	64QAM	1	1	22.25	22.27	22.27	22.5	2.5
100	256QAM	1	1	20.20	20.23	20.20	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.23	24.22	23.84	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.24	24.11	23.92	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.19	24.10	23.89	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.16	24.12	23.99	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.17	24.10	23.84	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.23	24.22	23.86	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.14	24.04	23.84	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.25	24.03	23.97	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.11	24.23	23.91	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.25	24.19	23.87	25.0	0.0

Part27O n78 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.61		23.0	0.0
100	PI/2 BPSK	1	137		22.53			
100	PI/2 BPSK	1	271		22.56			
100	PI/2 BPSK	135	0		22.13		22.5	0.5
100	PI/2 BPSK	135	69		22.51		23.0	0.0
100	PI/2 BPSK	135	138		22.05		22.5	0.5
100	PI/2 BPSK	270	0		22.07			
100	QPSK	1	1		22.62		23.0	0.0
100	QPSK	1	137		22.49			
100	QPSK	1	271		22.42			
100	QPSK	135	0		21.59		22.0	1.0
100	QPSK	135	69		22.38		23.0	0.0
100	QPSK	135	138		21.47		22.0	1.0
100	QPSK	270	0		21.51			
100	16QAM	1	1		21.14		22.0	1.0
100	64QAM	1	1		19.88		20.5	2.5
100	256QAM	1	1		18.44		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.45	22.52	22.48	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.38	22.44	22.52	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.55	22.47	22.39	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.42	22.49	22.57	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.57	22.53	22.42	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.50	22.56	22.57	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.51	22.42	22.57	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.43	22.56	22.38	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.54	22.55	22.45	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.57	22.55	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.44		25.0	0.0
100	PI/2 BPSK	1	137		24.44			
100	PI/2 BPSK	1	271		24.21			
100	PI/2 BPSK	135	0		24.16		24.5	0.5
100	PI/2 BPSK	135	69		24.47		25.0	0.0
100	PI/2 BPSK	135	138		24.02		24.5	0.5
100	PI/2 BPSK	270	0		24.01			
100	QPSK	1	1		24.48		25.0	0.0
100	QPSK	1	137		24.40			
100	QPSK	1	271		24.16			
100	QPSK	135	0		23.71		24.0	1.0
100	QPSK	135	69		24.43		25.0	0.0
100	QPSK	135	138		23.49		24.0	1.0
100	QPSK	270	0		23.61			
100	16QAM	1	1		23.26		24.0	1.0
100	64QAM	1	1		21.24		22.5	2.5
100	256QAM	1	1		20.28		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.41	24.36	24.40	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.35	24.42	24.34	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.34	24.23	24.32	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.44	24.46	24.42	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.33	24.27	24.42	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.43	24.34	24.34	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.27	24.28	24.33	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.40	24.24	24.46	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.40	24.40	24.44	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.42	24.29	24.30	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.48	23.59	23.52	24.0	0.0
100	PI/2 BPSK	1	137	23.60	23.65	23.50		
100	PI/2 BPSK	1	271	23.62	23.66	23.60		
100	PI/2 BPSK	135	0	23.44	23.61	23.57	24.0	0.0
100	PI/2 BPSK	135	69	23.46	23.58	23.52	24.0	0.0
100	PI/2 BPSK	135	138	23.36	23.55	23.40	24.0	0.0
100	PI/2 BPSK	270	0	23.52	23.57	23.35		
100	QPSK	1	1	23.52	23.71	23.64	24.0	0.0
100	QPSK	1	137	23.48	23.69	23.51		
100	QPSK	1	271	23.44	23.65	23.51		
100	QPSK	135	0	23.47	23.61	23.50	24.0	0.0
100	QPSK	135	69	23.55	23.62	23.54	24.0	0.0
100	QPSK	135	138	23.43	23.57	23.38	24.0	0.0
100	QPSK	270	0	23.48	23.54	23.42		
100	16QAM	1	1	23.41	23.60	23.54	24.0	0.0
100	64QAM	1	1	23.36	23.46	23.38	24.0	0.0
100	256QAM	1	1	22.81	22.94	22.89	23.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.38	23.57	23.48	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.43	23.62	23.31	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.32	23.63	23.31	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.39	23.52	23.30	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.33	23.47	23.44	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.26	23.55	23.34	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.33	23.55	23.50	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.36	23.54	23.47	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.34	23.68	23.54	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.38	23.62	23.63	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.13	26.20	25.98	27.0	0.0
100	PI/2 BPSK	1	137	26.32	26.40	26.35		
100	PI/2 BPSK	1	271	26.23	26.37	26.29		
100	PI/2 BPSK	135	0	26.05	26.24	26.18	27.0	0.0
100	PI/2 BPSK	135	69	26.11	26.21	26.07	27.0	0.0
100	PI/2 BPSK	135	138	26.03	26.22	26.13	27.0	0.0
100	PI/2 BPSK	270	0	26.18	26.21	26.18		
100	QPSK	1	1	26.29	26.47	26.27	27.0	0.0
100	QPSK	1	137	26.20	26.24	26.17		
100	QPSK	1	271	25.94	26.08	25.88		
100	QPSK	135	0	25.89	25.95	25.84	27.0	0.0
100	QPSK	135	69	26.14	26.35	26.13	27.0	0.0
100	QPSK	135	138	25.75	25.91	25.88	27.0	0.0
100	QPSK	270	0	26.05	26.09	25.95		
100	16QAM	1	1	25.91	25.98	25.82	26.0	1.0
100	64QAM	1	1	24.13	24.28	24.22	24.5	2.5
100	256QAM	1	1	22.09	22.23	22.15	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.15	26.15	26.24	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.12	26.35	26.12	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.11	26.20	26.18	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.25	26.14	26.27	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.13	26.30	26.14	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.13	26.19	26.23	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.14	26.19	26.22	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.23	26.31	26.17	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.30	26.44	26.19	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.10	26.44	26.18	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.87		24.0	0.0
100	PI/2 BPSK	1	137		22.95			
100	PI/2 BPSK	1	271		22.81			
100	PI/2 BPSK	135	0		22.85		24.0	0.0
100	PI/2 BPSK	135	69		22.88		24.0	0.0
100	PI/2 BPSK	135	138		22.65		24.0	0.0
100	PI/2 BPSK	270	0		22.67			
100	QPSK	1	1		22.98		24.0	0.0
100	QPSK	1	137		22.92			
100	QPSK	1	271		22.95			
100	QPSK	135	0		22.86		24.0	0.0
100	QPSK	135	69		22.87		24.0	0.0
100	QPSK	135	138		22.81		24.0	0.0
100	QPSK	270	0		22.89			
100	16QAM	1	1		22.74		24.0	0.0
100	64QAM	1	1		21.75		23.0	1.0
100	256QAM	1	1		20.81		22.0	2.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.76	22.90	22.90	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.82	22.80	22.94	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.91	22.85	22.83	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.97	22.75	22.77	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.93	22.89	22.78	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.92	22.88	22.92	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.82	22.96	22.94	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.66	22.79	22.90	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.66	22.77	22.87	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.64	22.97	22.81	24.0	0.0

Part27O n78 PC2 Main PA Ant3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.78		27.0	0.0
100	PI/2 BPSK	1	137		25.81			
100	PI/2 BPSK	1	271		26.03			
100	PI/2 BPSK	135	0		25.91		26.5	0.5
100	PI/2 BPSK	135	69		25.88		27.0	0.0
100	PI/2 BPSK	135	138		25.80		26.5	0.5
100	PI/2 BPSK	270	0		25.97			
100	QPSK	1	1		26.08		27.0	0.0
100	QPSK	1	137		25.91			
100	QPSK	1	271		25.66			
100	QPSK	135	0		24.97		26.0	1.0
100	QPSK	135	69		25.94		27.0	0.0
100	QPSK	135	138		24.80		26.0	1.0
100	QPSK	270	0		25.94			
100	16QAM	1	1		25.20		26.0	1.0
100	64QAM	1	1		22.73		24.5	2.5
100	256QAM	1	1		22.37		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.86	25.84	25.82	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.88	25.91	25.99	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.80	25.96	25.86	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.82	25.81	25.79	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.88	25.92	25.96	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.90	25.84	25.90	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.91	25.91	26.03	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.82	25.83	25.96	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.75	25.84	25.91	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.82	25.86	25.86	26.0	1.0

Part27O n77 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.49	23.52	23.34	24.0	0.0
100	PI/2 BPSK	1	137	23.43	23.56	23.40		
100	PI/2 BPSK	1	271	23.39	23.56	23.40		
100	PI/2 BPSK	135	0	23.44	23.53	23.39	24.0	0.0
100	PI/2 BPSK	135	69	23.41	23.52	23.36	24.0	0.0
100	PI/2 BPSK	135	138	23.26	23.44	23.31	24.0	0.0
100	PI/2 BPSK	270	0	23.40	23.53	23.35		
100	QPSK	1	1	23.39	23.58	23.55	24.0	0.0
100	QPSK	1	137	23.46	23.52	23.36		
100	QPSK	1	271	23.32	23.51	23.33		
100	QPSK	135	0	23.42	23.43	23.23	24.0	0.0
100	QPSK	135	69	23.33	23.52	23.31	24.0	0.0
100	QPSK	135	138	23.45	23.51	23.51	24.0	0.0
100	QPSK	270	0	23.44	23.50	23.32		
100	16QAM	1	1	23.19	23.35	23.27	24.0	0.0
100	64QAM	1	1	23.40	23.52	23.39	24.0	0.0
100	256QAM	1	1	22.99	23.08	22.95	23.5	0.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.27	23.42	23.05	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.24	23.23	23.24	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.24	23.33	23.04	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.25	23.43	23.24	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.43	23.40	23.06	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.30	23.43	23.19	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.24	23.24	23.17	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.27	23.22	23.23	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.25	23.30	23.14	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.24	23.36	23.16	24.0	0.0

Part27O n77 PC2 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.20	26.51	26.40	27.0	0.0
100	PI/2 BPSK	1	137	26.38	26.46	26.27		
100	PI/2 BPSK	1	271	26.27	26.36	26.21		
100	PI/2 BPSK	135	0	26.38	26.48	26.27	27.0	0.0
100	PI/2 BPSK	135	69	26.31	26.43	26.33	27.0	0.0
100	PI/2 BPSK	135	138	26.09	26.33	26.17	27.0	0.0
100	PI/2 BPSK	270	0	26.32	26.48	26.33		
100	QPSK	1	1	26.39	26.57	26.31	27.0	0.0
100	QPSK	1	137	26.29	26.51	26.35		
100	QPSK	1	271	26.11	26.37	26.12		
100	QPSK	135	0	26.19	26.32	26.24	27.0	0.0
100	QPSK	135	69	26.28	26.43	26.34	27.0	0.0
100	QPSK	135	138	26.04	26.27	26.12	27.0	0.0
100	QPSK	270	0	26.05	26.32	26.16		
100	16QAM	1	1	26.23	26.39	26.12	27.0	0.0
100	64QAM	1	1	24.76	25.06	24.91	26.0	1.0
100	256QAM	1	1	21.18	21.42	21.26	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.10	26.36	26.15	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.21	26.38	26.32	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.12	26.40	26.14	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.20	26.38	26.13	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.17	26.49	26.19	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.26	26.50	26.32	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.30	26.38	26.27	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.13	26.47	26.32	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.26	26.49	26.31	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.11	26.50	26.33	27.0	0.0

Part27O n78 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.31		24.0	0.0
100	PI/2 BPSK	1	137		23.41			
100	PI/2 BPSK	1	271		23.35			
100	PI/2 BPSK	135	0		23.22		24.0	0.0
100	PI/2 BPSK	135	69		23.34		24.0	0.0
100	PI/2 BPSK	135	138		23.33		24.0	0.0
100	PI/2 BPSK	270	0		23.22			
100	QPSK	1	1		23.57		24.0	0.0
100	QPSK	1	137		23.52			
100	QPSK	1	271		23.54			
100	QPSK	135	0		23.48		24.0	0.0
100	QPSK	135	69		23.52		24.0	0.0
100	QPSK	135	138		23.43		24.0	0.0
100	QPSK	270	0		23.52			
100	16QAM	1	1		23.52		24.0	0.0
100	64QAM	1	1		22.46		23.0	1.0
100	256QAM	1	1		20.93		21.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.49	23.51	23.56	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.39	23.42	23.56	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.56	23.43	23.50	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.42	23.56	23.54	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.45	23.39	23.45	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.38	23.41	23.41	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.50	23.39	23.36	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.48	23.55	23.48	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.48	23.47	23.46	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.54	23.55	23.48	24.0	0.0

Part27O n78 PC2 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.45		27.0	0.0
100	PI/2 BPSK	1	137		26.54			
100	PI/2 BPSK	1	271		26.51			
100	PI/2 BPSK	135	0		26.38		27.0	0.0
100	PI/2 BPSK	135	69		26.51		27.0	0.0
100	PI/2 BPSK	135	138		26.45		27.0	0.0
100	PI/2 BPSK	270	0		26.34			
100	QPSK	1	1		26.56		27.0	0.0
100	QPSK	1	137		26.54			
100	QPSK	1	271		26.52			
100	QPSK	135	0		26.51		27.0	0.0
100	QPSK	135	69		26.42		27.0	0.0
100	QPSK	135	138		26.39		27.0	0.0
100	QPSK	270	0		26.48			
100	16QAM	1	1		26.28		27.0	0.0
100	64QAM	1	1		24.74		26.0	1.0
100	256QAM	1	1		23.09		24.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.52	26.52	26.31	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.37	26.49	26.38	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.53	26.39	26.45	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.44	26.52	26.46	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.48	26.31	26.44	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.34	26.42	26.42	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.36	26.44	26.40	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.39	26.36	26.39	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.52	26.50	26.36	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.45	26.54	26.35	27.0	0.0

Reduced Power Mode for Main PA n77&78 DSI2

Part27O n77 Main PA Ant1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.68	12.66	12.58	14.1	0.0
100	PI/2 BPSK	1	137	12.73	12.59	12.55		
100	PI/2 BPSK	1	271	12.64	12.69	12.74		
100	PI/2 BPSK	135	0	12.68	12.68	12.69	14.1	0.0
100	PI/2 BPSK	135	69	12.57	12.81	12.71	14.1	0.0
100	PI/2 BPSK	135	138	12.60	12.76	12.55	14.1	0.0
100	PI/2 BPSK	270	0	12.73	12.65	12.52		
100	QPSK	1	1	12.73	12.83	12.66	14.1	0.0
100	QPSK	1	137	12.61	12.64	12.76		
100	QPSK	1	271	12.70	12.60	12.65		
100	QPSK	135	0	12.71	12.61	12.58	14.1	0.0
100	QPSK	135	69	12.68	12.78	12.69	14.1	0.0
100	QPSK	135	138	12.63	12.72	12.63	14.1	0.0
100	QPSK	270	0	12.61	12.75	12.72		
100	16QAM	1	1	12.70	12.80	12.53	14.1	0.0
100	64QAM	1	1	12.57	12.67	12.53	14.1	0.0
100	256QAM	1	1	12.72	12.72	12.57	14.1	0.0
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.54	12.73	12.56	14.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.65	12.75	12.68	14.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.75	12.67	12.62	14.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.63	12.74	12.61	14.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.73	12.64	12.64	14.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.63	12.62	12.57	14.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.64	12.62	12.60	14.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.73	12.74	12.71	14.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.75	12.70	12.57	14.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.69	12.60	12.68	14.1	0.0

Part27O n77 PC2 Main PA Ant1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.35	15.44	15.36	17.1	0.0
100	PI/2 BPSK	1	137	15.32	15.48	15.32		
100	PI/2 BPSK	1	271	15.29	15.44	15.44		
100	PI/2 BPSK	135	0	15.46	15.33	15.43	17.1	0.0
100	PI/2 BPSK	135	69	15.45	15.36	15.27	17.1	0.0
100	PI/2 BPSK	135	138	15.35	15.33	15.27	17.1	0.0
100	PI/2 BPSK	270	0	15.31	15.30	15.31		
100	QPSK	1	1	15.46	15.52	15.39	17.1	0.0
100	QPSK	1	137	15.34	15.31	15.31		
100	QPSK	1	271	15.26	15.43	15.46		
100	QPSK	135	0	15.34	15.50	15.32	17.1	0.0
100	QPSK	135	69	15.45	15.51	15.40	17.1	0.0
100	QPSK	135	138	15.32	15.38	15.27	17.1	0.0
100	QPSK	270	0	15.24	15.43	15.32		
100	16QAM	1	1	15.35	15.46	15.46	17.1	0.0
100	64QAM	1	1	15.34	15.40	15.44	17.1	0.0
100	256QAM	1	1	15.43	15.35	15.26	17.1	0.0
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.32	15.36	15.28	17.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.34	15.33	15.46	17.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.28	15.40	15.26	17.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.35	15.30	15.46	17.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.30	15.41	15.46	17.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.27	15.46	15.38	17.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.43	15.44	15.49	17.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.46	15.46	15.30	17.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.45	15.42	15.29	17.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.24	15.50	15.28	17.1	0.0

Part27O n78 Main PA Ant1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		12.54		14.1	0.0
100	PI/2 BPSK	1	137		12.50			
100	PI/2 BPSK	1	271		12.49			
100	PI/2 BPSK	135	0		12.48		14.1	0.0
100	PI/2 BPSK	135	69		12.67		14.1	0.0
100	PI/2 BPSK	135	138		12.78		14.1	0.0
100	PI/2 BPSK	270	0		12.52			
100	QPSK	1	1		12.81		14.1	0.0
100	QPSK	1	137		12.60			
100	QPSK	1	271		12.48			
100	QPSK	135	0		12.53		14.1	0.0
100	QPSK	135	69		12.75		14.1	0.0
100	QPSK	135	138		12.69		14.1	0.0
100	QPSK	270	0		12.71			
100	16QAM	1	1		12.73		14.1	0.0
100	64QAM	1	1		12.61		14.1	0.0
100	256QAM	1	1		12.58		14.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	12.54	12.56	12.64	14.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	12.52	12.57	12.45	14.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.57	12.60	12.49	14.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	12.45	12.43	12.50	14.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	12.51	12.48	12.56	14.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.57	12.60	12.45	14.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	12.65	12.65	12.48	14.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	12.61	12.44	12.42	14.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	12.63	12.60	12.61	14.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.50	12.66	12.61	14.1	0.0

Part27O n78 PC2 Main PA Ant1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.24		17.1	0.0
100	PI/2 BPSK	1	137		15.31			
100	PI/2 BPSK	1	271		15.32			
100	PI/2 BPSK	135	0		15.18		17.1	0.0
100	PI/2 BPSK	135	69		15.38		17.1	0.0
100	PI/2 BPSK	135	138		15.34		17.1	0.0
100	PI/2 BPSK	270	0		15.11			
100	QPSK	1	1		15.49		17.1	0.0
100	QPSK	1	137		15.13			
100	QPSK	1	271		15.32			
100	QPSK	135	0		15.38		17.1	0.0
100	QPSK	135	69		15.48		17.1	0.0
100	QPSK	135	138		15.20		17.1	0.0
100	QPSK	270	0		15.45			
100	16QAM	1	1		15.27		17.1	0.0
100	64QAM	1	1		15.21		17.1	0.0
100	256QAM	1	1		15.21		17.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.27	15.31	15.37	17.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.47	15.34	15.34	17.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.44	15.37	15.43	17.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.33	15.27	15.38	17.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.35	15.32	15.31	17.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.28	15.27	15.41	17.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.29	15.29	15.33	17.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.27	15.47	15.40	17.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.45	15.48	15.36	17.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.42	15.38	15.31	17.1	0.0

Part27O n77 Main PA Ant2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.53	21.43	23.0	0.0
100	PI/2 BPSK	1	137	21.56	21.59	21.39		
100	PI/2 BPSK	1	271	21.46	21.54	21.41		
100	PI/2 BPSK	135	0	21.40	21.55	21.34	23.0	0.0
100	PI/2 BPSK	135	69	21.42	21.59	21.56	23.0	0.0
100	PI/2 BPSK	135	138	21.45	21.61	21.43	23.0	0.0
100	PI/2 BPSK	270	0	21.43	21.57	21.58		
100	QPSK	1	1	21.52	21.64	21.41	23.0	0.0
100	QPSK	1	137	21.30	21.51	21.37		
100	QPSK	1	271	21.47	21.57	21.48		
100	QPSK	135	0	21.38	21.53	21.39	23.0	0.0
100	QPSK	135	69	21.49	21.56	21.37	23.0	0.0
100	QPSK	135	138	21.36	21.55	21.37	23.0	0.0
100	QPSK	270	0	21.45	21.53	21.35		
100	16QAM	1	1	21.53	21.52	21.49	23.0	0.0
100	64QAM	1	1	21.30	21.52	21.35	23.0	0.0
100	256QAM	1	1	20.67	20.71	20.54	22.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.50	21.40	21.41	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.37	21.36	21.41	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.48	21.46	21.41	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.49	21.48	21.40	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.45	21.32	21.33	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.47	21.35	21.38	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.43	21.41	21.45	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.50	21.34	21.51	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.45	21.43	21.47	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.42	21.37	21.45	23.0	0.0

Part27O n77 PC2 Main PA Ant2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.18	24.21	24.01	25.0	0.0
100	PI/2 BPSK	1	137	24.17	24.24	24.25		
100	PI/2 BPSK	1	271	24.27	24.30	24.23		
100	PI/2 BPSK	135	0	24.02	24.21	24.11	25.0	0.0
100	PI/2 BPSK	135	69	23.99	24.05	24.01	25.0	0.0
100	PI/2 BPSK	135	138	24.10	24.28	24.07	25.0	0.0
100	PI/2 BPSK	270	0	24.13	24.17	24.12		
100	QPSK	1	1	24.31	24.40	24.23	25.0	0.0
100	QPSK	1	137	24.13	24.24	24.21		
100	QPSK	1	271	24.24	24.23	24.04		
100	QPSK	135	0	23.80	23.92	23.81	25.0	0.0
100	QPSK	135	69	24.20	24.31	24.16	25.0	0.0
100	QPSK	135	138	24.08	24.22	24.13	25.0	0.0
100	QPSK	270	0	24.11	24.14	24.10		
100	16QAM	1	1	23.25	23.35	23.34	24.0	1.0
100	64QAM	1	1	22.25	22.27	22.27	22.5	2.5
100	256QAM	1	1	20.20	20.23	20.20	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.23	24.22	23.84	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.24	24.11	23.92	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.19	24.10	23.89	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.16	24.12	23.99	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.17	24.10	23.84	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.23	24.22	23.86	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.14	24.04	23.84	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.25	24.03	23.97	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.11	24.23	23.91	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.25	24.19	23.87	25.0	0.0

Part27O n78 Main PA Ant2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.61		23.0	0.0
100	PI/2 BPSK	1	137		22.53			
100	PI/2 BPSK	1	271		22.56			
100	PI/2 BPSK	135	0		22.13		22.5	0.5
100	PI/2 BPSK	135	69		22.51		23.0	0.0
100	PI/2 BPSK	135	138		22.05		22.5	0.5
100	PI/2 BPSK	270	0		22.07			
100	QPSK	1	1		22.62		23.0	0.0
100	QPSK	1	137		22.49			
100	QPSK	1	271		22.42			
100	QPSK	135	0		21.59		22.0	1.0
100	QPSK	135	69		22.38		23.0	0.0
100	QPSK	135	138		21.47		22.0	1.0
100	QPSK	270	0		21.51			
100	16QAM	1	1		21.14		22.0	1.0
100	64QAM	1	1		19.88		20.5	2.5
100	256QAM	1	1		18.44		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.45	22.52	22.48	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.38	22.44	22.52	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.55	22.47	22.39	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.42	22.49	22.57	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.57	22.53	22.42	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.50	22.56	22.57	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.51	22.42	22.57	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.43	22.56	22.38	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.54	22.55	22.45	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.57	22.55	23.0	0.0

Part27O n78 PC2 Main PA Ant2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.44		25.0	0.0
100	PI/2 BPSK	1	137		24.44			
100	PI/2 BPSK	1	271		24.21			
100	PI/2 BPSK	135	0		24.16		24.5	0.5
100	PI/2 BPSK	135	69		24.47		25.0	0.0
100	PI/2 BPSK	135	138		24.02		24.5	0.5
100	PI/2 BPSK	270	0		24.01			
100	QPSK	1	1		24.48		25.0	0.0
100	QPSK	1	137		24.40			
100	QPSK	1	271		24.16			
100	QPSK	135	0		23.71		24.0	1.0
100	QPSK	135	69		24.43		25.0	0.0
100	QPSK	135	138		23.49		24.0	1.0
100	QPSK	270	0		23.61			
100	16QAM	1	1		23.26		24.0	1.0
100	64QAM	1	1		21.24		22.5	2.5
100	256QAM	1	1		20.28		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.41	24.36	24.40	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.35	24.42	24.34	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.34	24.23	24.32	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.44	24.46	24.42	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.33	24.27	24.42	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.43	24.34	24.34	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.27	24.28	24.33	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.40	24.24	24.46	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.40	24.40	24.44	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.42	24.29	24.30	25.0	0.0

Part27O n77 Main PA Ant3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.94	14.95	14.73	16.2	0.0
100	PI/2 BPSK	1	137	14.79	14.90	14.81		
100	PI/2 BPSK	1	271	14.85	14.82	14.78		
100	PI/2 BPSK	135	0	14.98	14.89	14.68	16.2	0.0
100	PI/2 BPSK	135	69	14.86	14.82	14.76	16.2	0.0
100	PI/2 BPSK	135	138	14.96	15.00	14.84	16.2	0.0
100	PI/2 BPSK	270	0	14.98	14.95	14.85		
100	QPSK	1	1	14.96	15.04	14.88	16.2	0.0
100	QPSK	1	137	14.92	14.91	14.81		
100	QPSK	1	271	14.96	14.99	14.87		
100	QPSK	135	0	14.77	14.88	14.73	16.2	0.0
100	QPSK	135	69	14.89	14.97	14.79	16.2	0.0
100	QPSK	135	138	14.90	14.92	14.76	16.2	0.0
100	QPSK	270	0	14.87	14.94	14.80		
100	16QAM	1	1	14.93	14.86	14.70	16.2	0.0
100	64QAM	1	1	14.95	14.91	14.82	16.2	0.0
100	256QAM	1	1	14.77	14.97	14.88	16.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.88	14.87	14.74	16.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.89	15.00	14.81	16.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.82	14.95	14.72	16.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.78	14.96	14.89	16.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.82	14.83	14.78	16.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.87	14.83	14.88	16.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.86	14.92	14.87	16.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.87	14.93	14.79	16.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.78	14.99	14.88	16.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.94	14.99	14.90	16.2	0.0

Part27O n77 PC2 Main PA Ant3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.95	17.98	17.83	19.2	0.0
100	PI/2 BPSK	1	137	17.74	17.88	17.63		
100	PI/2 BPSK	1	271	17.94	17.91	17.63		
100	PI/2 BPSK	135	0	17.75	17.84	17.78	19.2	0.0
100	PI/2 BPSK	135	69	17.95	17.92	17.63	19.2	0.0
100	PI/2 BPSK	135	138	17.86	17.95	17.85	19.2	0.0
100	PI/2 BPSK	270	0	17.94	17.89	17.67		
100	QPSK	1	1	17.96	18.05	17.85	19.2	0.0
100	QPSK	1	137	17.95	18.04	17.69		
100	QPSK	1	271	17.86	17.88	17.74		
100	QPSK	135	0	17.81	18.00	17.84	19.2	0.0
100	QPSK	135	69	17.94	18.02	17.67	19.2	0.0
100	QPSK	135	138	17.74	18.00	17.68	19.2	0.0
100	QPSK	270	0	17.80	17.96	17.84		
100	16QAM	1	1	17.98	17.99	17.69	19.2	0.0
100	64QAM	1	1	17.76	18.03	17.75	19.2	0.0
100	256QAM	1	1	17.82	17.93	17.81	19.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.95	17.95	17.74	19.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.96	17.85	17.64	19.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.76	18.00	17.71	19.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.74	18.00	17.67	19.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.78	17.95	17.71	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.80	17.98	17.66	19.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.93	17.97	17.70	19.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.97	17.86	17.63	19.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.85	17.97	17.77	19.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.78	17.86	17.76	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.55		16.2	0.0
100	PI/2 BPSK	1	137		14.50			
100	PI/2 BPSK	1	271		14.50			
100	PI/2 BPSK	135	0		14.61		16.2	0.0
100	PI/2 BPSK	135	69		14.41		16.2	0.0
100	PI/2 BPSK	135	138		14.43		16.2	0.0
100	PI/2 BPSK	270	0		14.47			
100	QPSK	1	1		14.62		16.2	0.0
100	QPSK	1	137		14.61			
100	QPSK	1	271		14.60			
100	QPSK	135	0		14.41		16.2	0.0
100	QPSK	135	69		14.55		16.2	0.0
100	QPSK	135	138		14.54		16.2	0.0
100	QPSK	270	0		14.42			
100	16QAM	1	1		14.47		16.2	0.0
100	64QAM	1	1		14.45		16.2	0.0
100	256QAM	1	1		14.58		16.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.43	14.49	14.50	16.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.60	14.44	14.53	16.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.44	14.59	14.61	16.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.47	14.49	14.46	16.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.53	14.51	14.42	16.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.62	14.49	14.56	16.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.42	14.47	14.54	16.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.60	14.43	14.54	16.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.43	14.52	14.60	16.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.57	14.40	14.43	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.51		19.2	0.0
100	PI/2 BPSK	1	137		17.56			
100	PI/2 BPSK	1	271		17.67			
100	PI/2 BPSK	135	0		17.53		19.2	0.0
100	PI/2 BPSK	135	69		17.62		19.2	0.0
100	PI/2 BPSK	135	138		17.51		19.2	0.0
100	PI/2 BPSK	270	0		17.49			
100	QPSK	1	1		17.68		19.2	0.0
100	QPSK	1	137		17.61			
100	QPSK	1	271		17.49			
100	QPSK	135	0		17.49		19.2	0.0
100	QPSK	135	69		17.59		19.2	0.0
100	QPSK	135	138		17.49		19.2	0.0
100	QPSK	270	0		17.57			
100	16QAM	1	1		17.60		19.2	0.0
100	64QAM	1	1		17.65		19.2	0.0
100	256QAM	1	1		17.66		19.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.53	17.46	17.54	19.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.65	17.45	17.64	19.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.64	17.49	17.66	19.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.60	17.51	17.48	19.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.44	17.55	17.48	19.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.53	17.65	17.56	19.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.64	17.46	17.64	19.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.64	17.66	17.48	19.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.63	17.45	17.64	19.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.48	17.63	17.59	19.2	0.0

Part27O n77 Main PA Ant5 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.38	15.30	15.40	16.8	0.0
100	PI/2 BPSK	1	137	15.36	15.23	15.24		
100	PI/2 BPSK	1	271	15.24	15.21	15.36		
100	PI/2 BPSK	135	0	15.37	15.22	15.34	16.8	0.0
100	PI/2 BPSK	135	69	15.21	15.34	15.39	16.8	0.0
100	PI/2 BPSK	135	138	15.22	15.39	15.27	16.8	0.0
100	PI/2 BPSK	270	0	15.27	15.28	15.37		
100	QPSK	1	1	15.36	15.41	15.40	16.8	0.0
100	QPSK	1	137	15.23	15.32	15.37		
100	QPSK	1	271	15.21	15.21	15.19		
100	QPSK	135	0	15.16	15.24	15.30	16.8	0.0
100	QPSK	135	69	15.29	15.40	15.37	16.8	0.0
100	QPSK	135	138	15.29	15.29	15.30	16.8	0.0
100	QPSK	270	0	15.29	15.37	15.25		
100	16QAM	1	1	15.37	15.38	15.24	16.8	0.0
100	64QAM	1	1	15.19	15.28	15.22	16.8	0.0
100	256QAM	1	1	15.14	15.31	15.19	16.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.28	15.33	15.24	16.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.30	15.29	15.25	16.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.35	15.25	15.36	16.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.36	15.33	15.25	16.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.32	15.30	15.27	16.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.15	15.34	15.22	16.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.36	15.29	15.20	16.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.25	15.22	15.22	16.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.19	15.36	15.21	16.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.17	15.20	15.25	16.8	0.0

Part27O n77 PC2 Main PA Ant5 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.26	18.29	18.11	19.8	0.0
100	PI/2 BPSK	1	137	18.10	18.25	18.07		
100	PI/2 BPSK	1	271	18.13	18.18	18.25		
100	PI/2 BPSK	135	0	18.10	18.22	18.13	19.8	0.0
100	PI/2 BPSK	135	69	18.08	18.12	18.31	19.8	0.0
100	PI/2 BPSK	135	138	18.11	18.23	18.15	19.8	0.0
100	PI/2 BPSK	270	0	18.31	18.20	18.10		
100	QPSK	1	1	18.30	18.33	18.29	19.8	0.0
100	QPSK	1	137	18.10	18.29	18.17		
100	QPSK	1	271	18.26	18.16	18.10		
100	QPSK	135	0	18.23	18.25	18.08	19.8	0.0
100	QPSK	135	69	18.28	18.30	18.23	19.8	0.0
100	QPSK	135	138	18.09	18.28	18.14	19.8	0.0
100	QPSK	270	0	18.24	18.25	18.20		
100	16QAM	1	1	18.15	18.30	18.08	19.8	0.0
100	64QAM	1	1	18.13	18.18	18.10	19.8	0.0
100	256QAM	1	1	18.18	18.14	18.24	19.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.14	18.18	18.14	19.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.16	18.12	18.15	19.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.18	18.19	18.24	19.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.26	18.14	18.24	19.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.16	18.19	18.12	19.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.09	18.25	18.07	19.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.32	18.25	18.22	19.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.19	18.19	18.20	19.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.27	18.23	18.13	19.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.28	18.18	18.14	19.8	0.0

Part27O n78 Main PA Ant5 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.22		16.8	0.0
100	PI/2 BPSK	1	137		15.37			
100	PI/2 BPSK	1	271		15.29			
100	PI/2 BPSK	135	0		15.30		16.8	0.0
100	PI/2 BPSK	135	69		15.32		16.8	0.0
100	PI/2 BPSK	135	138		15.21		16.8	0.0
100	PI/2 BPSK	270	0		15.29			
100	QPSK	1	1		15.38		16.8	0.0
100	QPSK	1	137		15.26			
100	QPSK	1	271		15.32			
100	QPSK	135	0		15.26		16.8	0.0
100	QPSK	135	69		15.32		16.8	0.0
100	QPSK	135	138		15.29		16.8	0.0
100	QPSK	270	0		15.25			
100	16QAM	1	1		15.36		16.8	0.0
100	64QAM	1	1		15.36		16.8	0.0
100	256QAM	1	1		15.19		16.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.33	15.19	15.14	16.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.36	15.30	15.28	16.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.24	15.16	15.15	16.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.28	15.26	15.19	16.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.35	15.31	15.23	16.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.19	15.14	15.32	16.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.35	15.30	15.16	16.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.18	15.37	15.21	16.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.21	15.20	15.27	16.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.20	15.31	15.23	16.8	0.0

Part27O n78 PC2 Main PA Ant5 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.11		19.8	0.0
100	PI/2 BPSK	1	137		18.09			
100	PI/2 BPSK	1	271		18.19			
100	PI/2 BPSK	135	0		18.15		19.8	0.0
100	PI/2 BPSK	135	69		18.27		19.8	0.0
100	PI/2 BPSK	135	138		18.21		19.8	0.0
100	PI/2 BPSK	270	0		18.29			
100	QPSK	1	1		18.30		19.8	0.0
100	QPSK	1	137		18.16			
100	QPSK	1	271		18.16			
100	QPSK	135	0		18.13		19.8	0.0
100	QPSK	135	69		18.28		19.8	0.0
100	QPSK	135	138		18.26		19.8	0.0
100	QPSK	270	0		18.14			
100	16QAM	1	1		18.10		19.8	0.0
100	64QAM	1	1		18.11		19.8	0.0
100	256QAM	1	1		18.21		19.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.91	17.94	17.96	19.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.12	17.96	17.94	19.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.05	17.90	17.91	19.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.05	18.00	18.07	19.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.03	18.11	18.09	19.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.06	18.06	18.09	19.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.07	17.98	18.05	19.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.91	18.09	18.04	19.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.95	17.93	17.99	19.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.11	18.03	18.05	19.8	0.0

Reduced Power Mode for Main PA N77&78 DSI3 Simultaneous

Part27O n77 Main PA Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.14	20.18	20.28	22.0	0.0
100	PI/2 BPSK	1	137	20.04	20.24	20.19		
100	PI/2 BPSK	1	271	20.13	20.30	20.25		
100	PI/2 BPSK	135	0	20.04	20.15	20.21	22.0	0.0
100	PI/2 BPSK	135	69	20.11	20.23	20.26	22.0	0.0
100	PI/2 BPSK	135	138	20.11	20.29	20.22	22.0	0.0
100	PI/2 BPSK	270	0	20.03	20.13	20.21		
100	QPSK	1	1	20.22	20.32	20.06	22.0	0.0
100	QPSK	1	137	20.02	20.13	20.11		
100	QPSK	1	271	20.09	20.19	20.08		
100	QPSK	135	0	20.08	20.17	20.19	22.0	0.0
100	QPSK	135	69	20.09	20.30	20.11	22.0	0.0
100	QPSK	135	138	20.06	20.20	20.22	22.0	0.0
100	QPSK	270	0	20.02	20.29	20.02		
100	16QAM	1	1	20.13	20.23	20.08	22.0	0.0
100	64QAM	1	1	20.11	20.31	20.16	22.0	0.0
100	256QAM	1	1	20.08	20.23	20.09	22.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.09	20.16	20.23	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.10	20.15	20.18	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.05	20.21	20.25	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.07	20.14	20.22	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.15	20.18	20.22	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.10	20.20	20.17	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.14	20.20	20.11	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.09	20.27	20.18	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.07	20.22	20.24	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.13	20.23	20.31	22.0	0.0

Part27O n77 PC2 Main PA Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.43	23.45	23.60	25.0	0.0
100	PI/2 BPSK	1	137	23.52	23.51	23.45		
100	PI/2 BPSK	1	271	23.53	23.56	23.44		
100	PI/2 BPSK	135	0	23.56	23.46	23.51	25.0	0.0
100	PI/2 BPSK	135	69	23.39	23.37	23.47	25.0	0.0
100	PI/2 BPSK	135	138	23.51	23.61	23.53	25.0	0.0
100	PI/2 BPSK	270	0	23.54	23.47	23.66		
100	QPSK	1	1	23.43	23.68	23.42	25.0	0.0
100	QPSK	1	137	23.54	23.33	23.55		
100	QPSK	1	271	23.41	23.44	23.11		
100	QPSK	135	0	23.35	23.40	23.12	25.0	0.0
100	QPSK	135	69	23.51	23.66	23.25	25.0	0.0
100	QPSK	135	138	23.36	23.43	23.14	25.0	0.0
100	QPSK	270	0	23.42	23.43	23.07		
100	16QAM	1	1	23.44	23.46	23.15	25.0	0.0
100	64QAM	1	1	21.86	21.86	21.89	23.5	1.5
100	256QAM	1	1	20.00	20.06	19.88	21.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.55	23.39	23.55	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.38	23.51	23.43	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.55	23.43	23.53	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.47	23.33	23.47	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.49	23.43	23.65	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.56	23.44	23.45	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.50	23.34	23.66	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.57	23.40	23.61	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.48	23.40	23.50	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.46	23.39	23.64	25.0	0.0

Part27O n78 Main PA Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.64		22.0	0.0
100	PI/2 BPSK	1	137		20.63			
100	PI/2 BPSK	1	271		20.71			
100	PI/2 BPSK	135	0		20.69		22.0	0.0
100	PI/2 BPSK	135	69		20.73		22.0	0.0
100	PI/2 BPSK	135	138		20.66		22.0	0.0
100	PI/2 BPSK	270	0		20.81			
100	QPSK	1	1		20.76		22.0	0.0
100	QPSK	1	137		20.74			
100	QPSK	1	271		20.58			
100	QPSK	135	0		20.65		22.0	0.0
100	QPSK	135	69		20.75		22.0	0.0
100	QPSK	135	138		20.66		22.0	0.0
100	QPSK	270	0		20.74			
100	16QAM	1	1		20.75		22.0	0.0
100	64QAM	1	1		19.23		20.5	1.5
100	256QAM	1	1		17.35		18.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.68	20.61	20.59	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.61	20.61	20.68	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.68	20.75	20.74	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.70	20.71	20.62	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.60	20.62	20.59	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.61	20.65	20.70	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.60	20.54	20.56	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.62	20.62	20.56	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.75	20.69	20.61	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.82	20.73	20.64	22.0	0.0

Part27O n78 PC2 Main PA Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.10		25.0	0.0
100	PI/2 BPSK	1	137		23.14			
100	PI/2 BPSK	1	271		23.17			
100	PI/2 BPSK	135	0		23.19		25.0	0.0
100	PI/2 BPSK	135	69		23.16		25.0	0.0
100	PI/2 BPSK	135	138		23.15		25.0	0.0
100	PI/2 BPSK	270	0		23.04			
100	QPSK	1	1		23.23		25.0	0.0
100	QPSK	1	137		23.08			
100	QPSK	1	271		23.14			
100	QPSK	135	0		23.11		25.0	0.0
100	QPSK	135	69		23.18		25.0	0.0
100	QPSK	135	138		23.01		25.0	0.0
100	QPSK	270	0		23.13			
100	16QAM	1	1		23.10		25.0	0.0
100	64QAM	1	1		21.67		23.5	1.5
100	256QAM	1	1		19.59		21.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.15	23.10	23.11	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.04	23.09	23.16	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.02	23.05	23.13	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.11	23.17	23.05	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.13	23.20	23.07	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.16	23.11	23.10	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.18	23.20	23.14	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.22	23.04	23.21	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.02	23.07	23.21	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.06	23.10	23.10	25.0	0.0

Part27O n7			
BW [MHz]	Modulation	RB Size	RB Offset
Channel			
Frequency (MHz)			
100	PI/2 BPSK	1	1
100	PI/2 BPSK	1	137
100	PI/2 BPSK	1	271
100	PI/2 BPSK	135	0
100	PI/2 BPSK	135	69
100	PI/2 BPSK	135	138
100	PI/2 BPSK	270	0
100	QPSK	1	1
100	QPSK	1	137
100	QPSK	1	271
100	QPSK	135	0
100	QPSK	135	69
100	QPSK	135	138
100	QPSK	270	0
100	16QAM	1	1
100	64QAM	1	1
100	256QAM	1	1
Channel			
Frequency (MHz)			
90	QPSK	1	1
Channel			
Frequency (MHz)			
80	QPSK	1	1
Channel			
Frequency (MHz)			
70	QPSK	1	1
Channel			
Frequency (MHz)			
60	QPSK	1	1
Channel			
Frequency (MHz)			
50	QPSK	1	1
Channel			
Frequency (MHz)			
40	QPSK	1	1
Channel			
Frequency (MHz)			
30	QPSK	1	1
Channel			
Frequency (MHz)			
20	QPSK	1	1
Channel			
Frequency (MHz)			
15	QPSK	1	1
Channel			
Frequency (MHz)			
10	QPSK	1	1

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Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
650000	656000	662000		
3750	3840	3930		
21.42	21.53	21.43	23.0	0.0
21.56	21.59	21.39		
21.46	21.54	21.41		
21.40	21.55	21.34	23.0	0.0
21.42	21.59	21.56	23.0	0.0
21.45	21.61	21.43	23.0	0.0
21.43	21.57	21.58		
21.52	21.64	21.41	23.0	0.0
21.30	21.51	21.37		
21.47	21.57	21.48		
21.38	21.53	21.39	23.0	0.0
21.49	21.56	21.37	23.0	0.0
21.36	21.55	21.37	23.0	0.0
21.45	21.53	21.35		
21.53	21.52	21.49	23.0	0.0
21.30	21.52	21.35	23.0	0.0
20.67	20.71	20.54	22.0	1.0
649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
3745.02	3840	3935.01		
21.50	21.40	21.41	23.0	0.0
649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
3740.01	3840	3940.02		
21.37	21.36	21.41	23.0	0.0
649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
3735	3840	3945		
21.48	21.46	21.41	23.0	0.0
648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
3730.02	3840	3950.01		
21.49	21.48	21.40	23.0	0.0
648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
3725.01	3840	3955.02		
21.45	21.32	21.33	23.0	0.0
648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
3720	3840	3960		
21.47	21.35	21.38	23.0	0.0
647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
3715.02	3840	3965.01		
21.43	21.41	21.45	23.0	0.0
647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
3710.01	3840	3970.02		
21.50	21.34	21.51	23.0	0.0
647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
3707.52	3840	3972.51		
21.45	21.43	21.47	23.0	0.0
647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
3705	3840	3975		
21.42	21.37	21.45	23.0	0.0

Part27O n77 PC2 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.18	24.21	24.01	25.0	0.0
100	PI/2 BPSK	1	137	24.17	24.24	24.25		
100	PI/2 BPSK	1	271	24.27	24.30	24.23		
100	PI/2 BPSK	135	0	24.02	24.21	24.11	25.0	0.0
100	PI/2 BPSK	135	69	23.99	24.05	24.01	25.0	0.0
100	PI/2 BPSK	135	138	24.10	24.28	24.07	25.0	0.0
100	PI/2 BPSK	270	0	24.13	24.17	24.12		
100	QPSK	1	1	24.31	24.40	24.23	25.0	0.0
100	QPSK	1	137	24.13	24.24	24.21		
100	QPSK	1	271	24.24	24.23	24.04		
100	QPSK	135	0	23.80	23.92	23.81	25.0	0.0
100	QPSK	135	69	24.20	24.31	24.16	25.0	0.0
100	QPSK	135	138	24.08	24.22	24.13	25.0	0.0
100	QPSK	270	0	24.11	24.14	24.10		
100	16QAM	1	1	23.25	23.35	23.34	24.0	1.0
100	64QAM	1	1	22.25	22.27	22.27	22.5	2.5
100	256QAM	1	1	20.20	20.23	20.20	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.23	24.22	23.84	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.24	24.11	23.92	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.19	24.10	23.89	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.16	24.12	23.99	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.17	24.10	23.84	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.23	24.22	23.86	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.14	24.04	23.84	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.25	24.03	23.97	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.11	24.23	23.91	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.25	24.19	23.87	25.0	0.0

Part27O n78 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.61		23.0	0.0
100	PI/2 BPSK	1	137		22.53			
100	PI/2 BPSK	1	271		22.56			
100	PI/2 BPSK	135	0		22.13		22.5	0.5
100	PI/2 BPSK	135	69		22.51		23.0	0.0
100	PI/2 BPSK	135	138		22.05		22.5	0.5
100	PI/2 BPSK	270	0		22.07			
100	QPSK	1	1		22.62		23.0	0.0
100	QPSK	1	137		22.49			
100	QPSK	1	271		22.42			
100	QPSK	135	0		21.59		22.0	1.0
100	QPSK	135	69		22.38		23.0	0.0
100	QPSK	135	138		21.47		22.0	1.0
100	QPSK	270	0		21.51			
100	16QAM	1	1		21.14		22.0	1.0
100	64QAM	1	1		19.88		20.5	2.5
100	256QAM	1	1		18.44		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.45	22.52	22.48	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.38	22.44	22.52	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.55	22.47	22.39	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.42	22.49	22.57	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.57	22.53	22.42	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.50	22.56	22.57	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.51	22.42	22.57	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.43	22.56	22.38	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.54	22.55	22.45	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.57	22.55	23.0	0.0

Part27O n78 PC2 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.44		25.0	0.0
100	PI/2 BPSK	1	137		24.44			
100	PI/2 BPSK	1	271		24.21			
100	PI/2 BPSK	135	0		24.16		24.5	0.5
100	PI/2 BPSK	135	69		24.47		25.0	0.0
100	PI/2 BPSK	135	138		24.02		24.5	0.5
100	PI/2 BPSK	270	0		24.01			
100	QPSK	1	1		24.48		25.0	0.0
100	QPSK	1	137		24.40			
100	QPSK	1	271		24.16			
100	QPSK	135	0		23.71		24.0	1.0
100	QPSK	135	69		24.43		25.0	0.0
100	QPSK	135	138		23.49		24.0	1.0
100	QPSK	270	0		23.61			
100	16QAM	1	1		23.26		24.0	1.0
100	64QAM	1	1		21.24		22.5	2.5
100	256QAM	1	1		20.28		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.41	24.36	24.40	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.35	24.42	24.34	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.34	24.23	24.32	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.44	24.46	24.42	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.33	24.27	24.42	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.43	24.34	24.34	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.27	24.28	24.33	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.40	24.24	24.46	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.40	24.40	24.44	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.42	24.29	24.30	25.0	0.0

Part27O n77 Main PA Ant3 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.05	17.08	17.02	18.0	0.0
100	PI/2 BPSK	1	137	16.88	16.99	16.87		
100	PI/2 BPSK	1	271	17.03	17.16	17.01		
100	PI/2 BPSK	135	0	16.73	17.19	17.18	18.0	0.0
100	PI/2 BPSK	135	69	16.88	17.05	16.92	18.0	0.0
100	PI/2 BPSK	135	138	16.80	17.31	16.93	18.0	0.0
100	PI/2 BPSK	270	0	16.89	17.21	17.16		
100	QPSK	1	1	16.98	17.36	17.25	18.0	0.0
100	QPSK	1	137	16.89	17.26	17.11		
100	QPSK	1	271	16.80	17.06	16.94		
100	QPSK	135	0	16.70	17.10	17.05	18.0	0.0
100	QPSK	135	69	17.10	17.28	17.05	18.0	0.0
100	QPSK	135	138	16.83	17.02	16.90	18.0	0.0
100	QPSK	270	0	16.95	17.25	17.19		
100	16QAM	1	1	16.86	17.15	17.09	18.0	0.0
100	64QAM	1	1	16.75	17.10	17.04	18.0	0.0
100	256QAM	1	1	16.90	17.02	17.16	18.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.86	17.17	16.86	18.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.80	17.24	16.95	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.73	17.07	16.85	18.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.80	17.23	17.01	18.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.73	17.11	16.87	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.71	17.11	16.82	18.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.75	17.18	16.81	18.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.79	17.25	16.81	18.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.83	17.19	16.81	18.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.76	17.21	16.96	18.0	0.0

Part27O n77 PC2 Main PA Ant3 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.81	19.79	19.59	21.0	0.0
100	PI/2 BPSK	1	137	19.81	19.70	19.76		
100	PI/2 BPSK	1	271	19.58	19.88	19.57		
100	PI/2 BPSK	135	0	19.73	19.65	19.51	21.0	0.0
100	PI/2 BPSK	135	69	19.86	19.85	19.67	21.0	0.0
100	PI/2 BPSK	135	138	19.86	19.83	19.79	21.0	0.0
100	PI/2 BPSK	270	0	19.85	19.86	19.70		
100	QPSK	1	1	19.89	19.97	19.73	21.0	0.0
100	QPSK	1	137	19.70	19.84	19.57		
100	QPSK	1	271	19.79	19.74	19.74		
100	QPSK	135	0	19.59	19.88	19.58	21.0	0.0
100	QPSK	135	69	19.91	19.96	19.78	21.0	0.0
100	QPSK	135	138	19.88	19.73	19.70	21.0	0.0
100	QPSK	270	0	19.63	19.93	19.75		
100	16QAM	1	1	19.81	19.92	19.65	21.0	0.0
100	64QAM	1	1	19.71	19.79	19.66	21.0	0.0
100	256QAM	1	1	19.71	19.76	19.70	21.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.82	19.79	19.51	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.72	19.67	19.68	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.72	19.72	19.71	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.89	19.83	19.71	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.87	19.74	19.69	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.85	19.76	19.50	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.70	19.67	19.69	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.81	19.83	19.67	21.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.73	19.72	19.56	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.90	19.69	19.57	21.0	0.0

Part27O n78 Main PA Ant3 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.41		18.0	0.0
100	PI/2 BPSK	1	137		16.24			
100	PI/2 BPSK	1	271		16.31			
100	PI/2 BPSK	135	0		16.21		18.0	0.0
100	PI/2 BPSK	135	69		16.11		18.0	0.0
100	PI/2 BPSK	135	138		16.20		18.0	0.0
100	PI/2 BPSK	270	0		16.41			
100	QPSK	1	1		16.48		18.0	0.0
100	QPSK	1	137		16.45			
100	QPSK	1	271		16.32			
100	QPSK	135	0		16.26		18.0	0.0
100	QPSK	135	69		16.31		18.0	0.0
100	QPSK	135	138		16.18		18.0	0.0
100	QPSK	270	0		16.43			
100	16QAM	1	1		16.28		18.0	0.0
100	64QAM	1	1		16.18		18.0	0.0
100	256QAM	1	1		16.30		18.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.34	16.35	16.38	18.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.29	16.37	16.38	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.29	16.38	16.24	18.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.33	16.30	16.27	18.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.45	16.45	16.40	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.25	16.47	16.34	18.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.41	16.36	16.36	18.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.42	16.29	16.27	18.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.41	16.47	16.39	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.47	16.27	16.29	18.0	0.0

Part27O n78 PC2 Main PA Ant3 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.67		21.0	0.0
100	PI/2 BPSK	1	137		19.46			
100	PI/2 BPSK	1	271		19.43			
100	PI/2 BPSK	135	0		19.43		21.0	0.0
100	PI/2 BPSK	135	69		19.60		21.0	0.0
100	PI/2 BPSK	135	138		19.48		21.0	0.0
100	PI/2 BPSK	270	0		19.45			
100	QPSK	1	1		19.68		21.0	0.0
100	QPSK	1	137		19.58			
100	QPSK	1	271		19.39			
100	QPSK	135	0		19.45		21.0	0.0
100	QPSK	135	69		19.62		21.0	0.0
100	QPSK	135	138		19.47		21.0	0.0
100	QPSK	270	0		19.36			
100	16QAM	1	1		19.39		21.0	0.0
100	64QAM	1	1		19.44		21.0	0.0
100	256QAM	1	1		19.56		21.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.50	19.44	19.47	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.55	19.54	19.49	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.54	19.59	19.46	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.56	19.41	19.58	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.49	19.44	19.63	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.49	19.63	19.43	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.41	19.50	19.55	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.42	19.41	19.48	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.50	19.53	19.49	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.45	19.42	19.53	21.0	0.0

Part27O n77 Main PA Ant5 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.16	21.44	21.59	22.7	0.0
100	PI/2 BPSK	1	137	21.32	21.49	21.40		
100	PI/2 BPSK	1	271	21.31	21.35	21.56		
100	PI/2 BPSK	135	0	21.09	21.50	21.42	22.7	0.0
100	PI/2 BPSK	135	69	21.23	21.66	21.36	22.7	0.0
100	PI/2 BPSK	135	138	21.11	21.38	21.40	22.7	0.0
100	PI/2 BPSK	270	0	21.26	21.66	21.49		
100	QPSK	1	1	21.48	21.76	21.57	22.7	0.0
100	QPSK	1	137	21.44	21.69	21.45		
100	QPSK	1	271	21.18	21.60	21.33		
100	QPSK	135	0	21.26	21.41	21.50	22.7	0.0
100	QPSK	135	69	21.46	21.71	21.52	22.7	0.0
100	QPSK	135	138	21.45	21.62	21.62	22.7	0.0
100	QPSK	270	0	21.48	21.67	21.57		
100	16QAM	1	1	21.29	21.46	21.61	22.7	0.0
100	64QAM	1	1	21.27	21.49	21.39	22.7	0.0
100	256QAM	1	1	21.16	21.54	21.69	22.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.26	21.47	21.32	22.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.31	21.64	21.48	22.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.22	21.52	21.35	22.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.23	21.56	21.49	22.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.30	21.49	21.32	22.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.28	21.55	21.32	22.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.28	21.65	21.29	22.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.20	21.60	21.35	22.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.32	21.64	21.33	22.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.19	21.64	21.48	22.7	0.0

Part27O n77 PC2 Main PA Ant5 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.26	24.41	24.34	25.7	0.0
100	PI/2 BPSK	1	137	24.29	24.41	24.26		
100	PI/2 BPSK	1	271	24.28	24.45	24.36		
100	PI/2 BPSK	135	0	24.26	24.57	24.35	25.7	0.0
100	PI/2 BPSK	135	69	24.29	24.38	24.13	25.7	0.0
100	PI/2 BPSK	135	138	24.13	24.35	24.16	25.7	0.0
100	PI/2 BPSK	270	0	24.19	24.60	24.38		
100	QPSK	1	1	24.38	24.64	24.39	25.7	0.0
100	QPSK	1	137	24.46	24.52	24.16		
100	QPSK	1	271	24.22	24.31	24.16		
100	QPSK	135	0	24.27	24.37	24.17	25.7	0.0
100	QPSK	135	69	24.27	24.58	24.26	25.7	0.0
100	QPSK	135	138	24.33	24.46	24.24	25.7	0.0
100	QPSK	270	0	24.11	24.55	24.30		
100	16QAM	1	1	24.35	24.28	24.28	25.7	0.0
100	64QAM	1	1	24.45	24.41	24.19	25.7	0.0
100	256QAM	1	1	21.45	21.56	21.48	22.7	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.31	24.58	24.35	25.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.15	24.43	24.25	25.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.13	24.48	24.23	25.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.31	24.62	24.40	25.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.30	24.39	24.33	25.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.28	24.54	24.34	25.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.15	24.48	24.21	25.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.24	24.46	24.31	25.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.24	24.58	24.29	25.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.16	24.61	24.21	25.7	0.0

Part27O n78 Main PA Ant5 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.37		22.7	0.0
100	PI/2 BPSK	1	137		21.52			
100	PI/2 BPSK	1	271		21.51			
100	PI/2 BPSK	135	0		21.52		22.7	0.0
100	PI/2 BPSK	135	69		21.48		22.7	0.0
100	PI/2 BPSK	135	138		21.60		22.7	0.0
100	PI/2 BPSK	270	0		21.60			
100	QPSK	1	1		21.65		22.7	0.0
100	QPSK	1	137		21.47			
100	QPSK	1	271		21.51			
100	QPSK	135	0		21.47		22.7	0.0
100	QPSK	135	69		21.64		22.7	0.0
100	QPSK	135	138		21.60		22.7	0.0
100	QPSK	270	0		21.55			
100	16QAM	1	1		21.62		22.7	0.0
100	64QAM	1	1		21.04		22.7	0.0
100	256QAM	1	1		20.51		22.2	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.47	21.45	21.47	22.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.56	21.63	21.60	22.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.63	21.45	21.44	22.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.52	21.60	21.50	22.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.54	21.46	21.45	22.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.57	21.56	21.42	22.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.64	21.48	21.63	22.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.51	21.44	21.50	22.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.47	21.60	21.60	22.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.47	21.62	21.42	22.7	0.0

Part27O n78 PC2 Main PA Ant5 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.36		25.7	0.0
100	PI/2 BPSK	1	137		24.49			
100	PI/2 BPSK	1	271		24.49			
100	PI/2 BPSK	135	0		24.46		25.7	0.0
100	PI/2 BPSK	135	69		24.38		25.7	0.0
100	PI/2 BPSK	135	138		24.59		25.7	0.0
100	PI/2 BPSK	270	0		24.59			
100	QPSK	1	1		24.60		25.7	0.0
100	QPSK	1	137		24.53			
100	QPSK	1	271		24.44			
100	QPSK	135	0		24.34		25.7	0.0
100	QPSK	135	69		24.52		25.7	0.0
100	QPSK	135	138		24.42		25.7	0.0
100	QPSK	270	0		24.48			
100	16QAM	1	1		24.34		25.7	0.0
100	64QAM	1	1		24.23		25.7	0.0
100	256QAM	1	1		23.71		24.2	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.47	24.42	24.45	25.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.40	24.43	24.48	25.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.47	24.37	24.55	25.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.48	24.54	24.41	25.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.53	24.53	24.57	25.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.48	24.54	24.39	25.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.51	24.40	24.56	25.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.59	24.45	24.51	25.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.50	24.45	24.54	25.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.59	24.38	24.41	25.7	0.0

Reduced Power Mode for Main PA n77&78 DSI3

Part27O n77 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.09	21.35	21.24	23.0	0.0
100	PI/2 BPSK	1	137	21.09	21.29	21.24		
100	PI/2 BPSK	1	271	21.06	21.11	21.05		
100	PI/2 BPSK	135	0	21.21	21.28	21.05	23.0	0.0
100	PI/2 BPSK	135	69	21.05	21.17	21.14	23.0	0.0
100	PI/2 BPSK	135	138	21.04	21.13	21.05	23.0	0.0
100	PI/2 BPSK	270	0	21.01	21.14	21.05		
100	QPSK	1	1	21.28	21.35	21.18	23.0	0.0
100	QPSK	1	137	21.10	21.14	21.03		
100	QPSK	1	271	21.01	21.01	21.01		
100	QPSK	135	0	21.05	21.08	21.03	23.0	0.0
100	QPSK	135	69	21.12	21.25	21.02	23.0	0.0
100	QPSK	135	138	21.03	21.10	21.01	23.0	0.0
100	QPSK	270	0	21.13	21.24	21.15		
100	16QAM	1	1	21.14	21.19	21.05	23.0	0.0
100	64QAM	1	1	21.23	21.35	21.30	23.0	0.0
100	256QAM	1	1	20.35	20.42	20.28	22.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.11	21.25	21.09	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.26	21.23	21.10	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.23	21.26	21.05	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.08	21.18	21.10	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.17	21.28	21.03	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.24	21.25	21.02	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.04	21.20	21.01	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.14	21.23	21.14	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.20	21.11	21.15	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.02	21.20	21.07	23.0	0.0

Part27O n77 PC2 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.57	23.77	23.39	25.0	0.0
100	PI/2 BPSK	1	137	23.49	23.66	23.31		
100	PI/2 BPSK	1	271	23.57	23.69	23.30		
100	PI/2 BPSK	135	0	23.50	23.71	23.19	24.5	0.5
100	PI/2 BPSK	135	69	23.64	23.62	23.24	25.0	0.0
100	PI/2 BPSK	135	138	23.47	23.56	23.09	24.5	0.5
100	PI/2 BPSK	270	0	23.40	23.57	23.11		
100	QPSK	1	1	24.08	24.16	23.75	25.0	0.0
100	QPSK	1	137	23.53	23.64	23.18		
100	QPSK	1	271	23.49	23.68	23.39		
100	QPSK	135	0	23.48	23.59	23.09	24.0	1.0
100	QPSK	135	69	24.08	24.15	23.77	25.0	0.0
100	QPSK	135	138	23.41	23.48	22.97	24.0	1.0
100	QPSK	270	0	23.46	23.66	23.29		
100	16QAM	1	1	23.39	23.48	23.01	24.0	1.0
100	64QAM	1	1	21.61	21.75	21.40	22.5	2.5
100	256QAM	1	1	20.10	20.10	19.64	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.98	24.06	23.82	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.98	24.14	23.79	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.94	24.09	23.87	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.88	24.11	23.78	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.03	24.12	23.88	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.02	24.13	23.84	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.97	23.96	23.82	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.08	24.01	23.82	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.97	24.00	23.77	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.90	24.14	23.75	25.0	0.0

Part27O n78 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.65		23.0	0.0
100	PI/2 BPSK	1	137		21.67			
100	PI/2 BPSK	1	271		21.65			
100	PI/2 BPSK	135	0		21.64		22.5	0.5
100	PI/2 BPSK	135	69		21.66		23.0	0.0
100	PI/2 BPSK	135	138		21.53		22.5	0.5
100	PI/2 BPSK	270	0		21.67			
100	QPSK	1	1		21.70		23.0	0.0
100	QPSK	1	137		21.56			
100	QPSK	1	271		21.58			
100	QPSK	135	0		21.48		22.0	1.0
100	QPSK	135	69		21.66		23.0	0.0
100	QPSK	135	138		21.59		22.0	1.0
100	QPSK	270	0		21.37			
100	16QAM	1	1		20.21		22.0	1.0
100	64QAM	1	1		19.28		20.5	2.5
100	256QAM	1	1		17.41		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.53	21.60	21.54	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.58	21.67	21.53	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.65	21.52	21.57	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.59	21.56	21.51	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.63	21.48	21.49	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.55	21.59	21.53	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.68	21.68	21.58	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.49	21.47	21.62	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.63	21.55	21.61	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.50	21.46	21.69	23.0	0.0

Part27O n78 PC2 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.14		25.0	0.0
100	PI/2 BPSK	1	137		24.12			
100	PI/2 BPSK	1	271		24.02			
100	PI/2 BPSK	135	0		23.67		24.5	0.5
100	PI/2 BPSK	135	69		24.09		25.0	0.0
100	PI/2 BPSK	135	138		24.01		24.5	0.5
100	PI/2 BPSK	270	0		23.86			
100	QPSK	1	1		24.15		25.0	0.0
100	QPSK	1	137		23.93			
100	QPSK	1	271		23.97			
100	QPSK	135	0		23.62		24.0	1.0
100	QPSK	135	69		23.98		25.0	0.0
100	QPSK	135	138		23.28		24.0	1.0
100	QPSK	270	0		23.51			
100	16QAM	1	1		22.94		24.0	1.0
100	64QAM	1	1		20.68		22.5	2.5
100	256QAM	1	1		19.87		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.95	24.04	24.07	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.04	23.98	23.90	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.05	24.00	23.89	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.99	24.06	23.99	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.96	23.86	24.06	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.08	24.05	23.89	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.99	23.99	23.91	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.95	23.94	23.89	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.85	23.87	24.04	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.03	24.03	23.85	25.0	0.0

Part27O n77 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.53	21.43	23.0	0.0
100	PI/2 BPSK	1	137	21.56	21.59	21.39		
100	PI/2 BPSK	1	271	21.46	21.54	21.41		
100	PI/2 BPSK	135	0	21.40	21.55	21.34	23.0	0.0
100	PI/2 BPSK	135	69	21.42	21.59	21.56	23.0	0.0
100	PI/2 BPSK	135	138	21.45	21.61	21.43	23.0	0.0
100	PI/2 BPSK	270	0	21.43	21.57	21.58		
100	QPSK	1	1	21.52	21.64	21.41	23.0	0.0
100	QPSK	1	137	21.30	21.51	21.37		
100	QPSK	1	271	21.47	21.57	21.48		
100	QPSK	135	0	21.38	21.53	21.39	23.0	0.0
100	QPSK	135	69	21.49	21.56	21.37	23.0	0.0
100	QPSK	135	138	21.36	21.55	21.37	23.0	0.0
100	QPSK	270	0	21.45	21.53	21.35		
100	16QAM	1	1	21.53	21.52	21.49	23.0	0.0
100	64QAM	1	1	21.30	21.52	21.35	23.0	0.0
100	256QAM	1	1	20.67	20.71	20.54	22.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.50	21.40	21.41	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.37	21.36	21.41	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.48	21.46	21.41	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.49	21.48	21.40	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.45	21.32	21.33	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.47	21.35	21.38	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.43	21.41	21.45	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.50	21.34	21.51	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.45	21.43	21.47	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.42	21.37	21.45	23.0	0.0

Part27O n77 PC2 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.18	24.21	24.01	25.0	0.0
100	PI/2 BPSK	1	137	24.17	24.24	24.25		
100	PI/2 BPSK	1	271	24.27	24.30	24.23		
100	PI/2 BPSK	135	0	24.02	24.21	24.11	25.0	0.0
100	PI/2 BPSK	135	69	23.99	24.05	24.01	25.0	0.0
100	PI/2 BPSK	135	138	24.10	24.28	24.07	25.0	0.0
100	PI/2 BPSK	270	0	24.13	24.17	24.12		
100	QPSK	1	1	24.31	24.40	24.23	25.0	0.0
100	QPSK	1	137	24.13	24.24	24.21		
100	QPSK	1	271	24.24	24.23	24.04		
100	QPSK	135	0	23.80	23.92	23.81	25.0	0.0
100	QPSK	135	69	24.20	24.31	24.16	25.0	0.0
100	QPSK	135	138	24.08	24.22	24.13	25.0	0.0
100	QPSK	270	0	24.11	24.14	24.10		
100	16QAM	1	1	23.25	23.35	23.34	24.0	1.0
100	64QAM	1	1	22.25	22.27	22.27	22.5	2.5
100	256QAM	1	1	20.20	20.23	20.20	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.23	24.22	23.84	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.24	24.11	23.92	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.19	24.10	23.89	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.16	24.12	23.99	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.17	24.10	23.84	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.23	24.22	23.86	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.14	24.04	23.84	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.25	24.03	23.97	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.11	24.23	23.91	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.25	24.19	23.87	25.0	0.0

Part27O n78 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.61		23.0	0.0
100	PI/2 BPSK	1	137		22.53			
100	PI/2 BPSK	1	271		22.56			
100	PI/2 BPSK	135	0		22.13		22.5	0.5
100	PI/2 BPSK	135	69		22.51		23.0	0.0
100	PI/2 BPSK	135	138		22.05		22.5	0.5
100	PI/2 BPSK	270	0		22.07			
100	QPSK	1	1		22.62		23.0	0.0
100	QPSK	1	137		22.49			
100	QPSK	1	271		22.42			
100	QPSK	135	0		21.59		22.0	1.0
100	QPSK	135	69		22.38		23.0	0.0
100	QPSK	135	138		21.47		22.0	1.0
100	QPSK	270	0		21.51			
100	16QAM	1	1		21.14		22.0	1.0
100	64QAM	1	1		19.88		20.5	2.5
100	256QAM	1	1		18.44		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.45	22.52	22.48	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.38	22.44	22.52	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.55	22.47	22.39	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.42	22.49	22.57	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.57	22.53	22.42	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.50	22.56	22.57	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.51	22.42	22.57	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.43	22.56	22.38	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.54	22.55	22.45	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.57	22.55	23.0	0.0

Part27O n78 PC2 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.44		25.0	0.0
100	PI/2 BPSK	1	137		24.44			
100	PI/2 BPSK	1	271		24.21			
100	PI/2 BPSK	135	0		24.16		24.5	0.5
100	PI/2 BPSK	135	69		24.47		25.0	0.0
100	PI/2 BPSK	135	138		24.02		24.5	0.5
100	PI/2 BPSK	270	0		24.01			
100	QPSK	1	1		24.48		25.0	0.0
100	QPSK	1	137		24.40			
100	QPSK	1	271		24.16			
100	QPSK	135	0		23.71		24.0	1.0
100	QPSK	135	69		24.43		25.0	0.0
100	QPSK	135	138		23.49		24.0	1.0
100	QPSK	270	0		23.61			
100	16QAM	1	1		23.26		24.0	1.0
100	64QAM	1	1		21.24		22.5	2.5
100	256QAM	1	1		20.28		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.41	24.36	24.40	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.35	24.42	24.34	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.34	24.23	24.32	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.44	24.46	24.42	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.33	24.27	24.42	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.43	24.34	24.34	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.27	24.28	24.33	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.40	24.24	24.46	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.40	24.40	24.44	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.42	24.29	24.30	25.0	0.0

Part27O n77 Main PA Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.02	18.12	18.01	19.0	0.0
100	PI/2 BPSK	1	137	18.01	18.15	18.00		
100	PI/2 BPSK	1	271	17.97	18.19	18.00		
100	PI/2 BPSK	135	0	17.85	18.30	18.12	19.0	0.0
100	PI/2 BPSK	135	69	17.85	18.19	17.96	19.0	0.0
100	PI/2 BPSK	135	138	17.81	18.29	18.02	19.0	0.0
100	PI/2 BPSK	270	0	17.99	18.27	18.09		
100	QPSK	1	1	18.02	18.32	18.15	19.0	0.0
100	QPSK	1	137	17.90	18.30	18.07		
100	QPSK	1	271	17.94	18.15	17.97		
100	QPSK	135	0	17.86	18.24	18.14	19.0	0.0
100	QPSK	135	69	18.02	18.26	17.99	19.0	0.0
100	QPSK	135	138	17.95	18.19	17.99	19.0	0.0
100	QPSK	270	0	17.85	18.22	18.13		
100	16QAM	1	1	18.01	18.30	18.07	19.0	0.0
100	64QAM	1	1	17.86	18.18	18.03	19.0	0.0
100	256QAM	1	1	18.02	18.11	18.16	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.82	18.12	17.97	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.89	18.24	18.01	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.95	18.11	17.97	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.84	18.28	17.95	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.98	18.18	18.00	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.01	18.16	17.94	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.94	18.18	18.15	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.90	18.11	18.07	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.01	18.26	17.99	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.00	18.14	18.04	19.0	0.0

Part27O n77 PC2 Main PA Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.85	20.78	20.66	22.0	0.0
100	PI/2 BPSK	1	137	20.86	20.80	20.77		
100	PI/2 BPSK	1	271	20.70	20.94	20.65		
100	PI/2 BPSK	135	0	20.87	20.78	20.64	22.0	0.0
100	PI/2 BPSK	135	69	20.86	20.85	20.77	22.0	0.0
100	PI/2 BPSK	135	138	20.80	20.93	20.76	22.0	0.0
100	PI/2 BPSK	270	0	20.80	20.89	20.74		
100	QPSK	1	1	20.90	20.95	20.84	22.0	0.0
100	QPSK	1	137	20.76	20.90	20.64		
100	QPSK	1	271	20.81	20.77	20.75		
100	QPSK	135	0	20.69	20.89	20.68	22.0	0.0
100	QPSK	135	69	20.86	20.92	20.76	22.0	0.0
100	QPSK	135	138	20.84	20.80	20.82	22.0	0.0
100	QPSK	270	0	20.76	20.88	20.77		
100	16QAM	1	1	20.79	20.90	20.74	22.0	0.0
100	64QAM	1	1	20.72	20.81	20.80	22.0	0.0
100	256QAM	1	1	20.82	20.81	20.78	22.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.73	20.90	20.86	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.84	20.85	20.84	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.81	20.88	20.78	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.92	20.75	20.83	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.72	20.89	20.84	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.68	20.88	20.65	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.71	20.90	20.69	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.68	20.86	20.73	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.85	20.74	20.66	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.87	20.75	20.78	22.0	0.0

Part27O n78 Main PA Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.42		19.0	0.0
100	PI/2 BPSK	1	137		17.38			
100	PI/2 BPSK	1	271		17.35			
100	PI/2 BPSK	135	0		17.28		19.0	0.0
100	PI/2 BPSK	135	69		17.24		19.0	0.0
100	PI/2 BPSK	135	138		17.22		19.0	0.0
100	PI/2 BPSK	270	0		17.40			
100	QPSK	1	1		17.43		19.0	0.0
100	QPSK	1	137		17.41			
100	QPSK	1	271		17.42			
100	QPSK	135	0		17.40		19.0	0.0
100	QPSK	135	69		17.41		19.0	0.0
100	QPSK	135	138		17.34		19.0	0.0
100	QPSK	270	0		17.38			
100	16QAM	1	1		17.25		19.0	0.0
100	64QAM	1	1		17.29		19.0	0.0
100	256QAM	1	1		17.36		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.25	17.41	17.31	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.42	17.23	17.36	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.28	17.39	17.26	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.27	17.29	17.24	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.39	17.22	17.40	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.28	17.27	17.32	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.40	17.36	17.38	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.30	17.40	17.40	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.38	17.37	17.22	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.32	17.40	17.41	19.0	0.0

Part27O n78 PC2 Main PA Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.60		22.0	0.0
100	PI/2 BPSK	1	137		20.48			
100	PI/2 BPSK	1	271		20.57			
100	PI/2 BPSK	135	0		20.52		22.0	0.0
100	PI/2 BPSK	135	69		20.62		22.0	0.0
100	PI/2 BPSK	135	138		20.51		22.0	0.0
100	PI/2 BPSK	270	0		20.60			
100	QPSK	1	1		20.64		22.0	0.0
100	QPSK	1	137		20.57			
100	QPSK	1	271		20.55			
100	QPSK	135	0		20.60		22.0	0.0
100	QPSK	135	69		20.62		22.0	0.0
100	QPSK	135	138		20.61		22.0	0.0
100	QPSK	270	0		20.45			
100	16QAM	1	1		20.44		22.0	0.0
100	64QAM	1	1		20.52		22.0	0.0
100	256QAM	1	1		20.58		22.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.58	20.49	20.44	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.51	20.55	20.54	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.55	20.51	20.60	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.52	20.44	20.54	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.45	20.55	20.59	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.54	20.59	20.50	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.56	20.63	20.54	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.60	20.52	20.47	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.56	20.61	20.53	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.43	20.60	20.45	22.0	0.0

Part27O n77 Main PA Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.26	22.56	22.61	23.7	0.0
100	PI/2 BPSK	1	137	22.29	22.62	22.43		
100	PI/2 BPSK	1	271	22.27	22.47	22.54		
100	PI/2 BPSK	135	0	22.25	22.49	22.47	23.7	0.0
100	PI/2 BPSK	135	69	22.35	22.60	22.44	23.7	0.0
100	PI/2 BPSK	135	138	22.23	22.50	22.52	23.7	0.0
100	PI/2 BPSK	270	0	22.43	22.61	22.52		
100	QPSK	1	1	22.42	22.66	22.64	23.7	0.0
100	QPSK	1	137	22.38	22.63	22.52		
100	QPSK	1	271	22.28	22.63	22.44		
100	QPSK	135	0	22.21	22.54	22.53	23.7	0.0
100	QPSK	135	69	22.43	22.64	22.54	23.7	0.0
100	QPSK	135	138	22.40	22.60	22.62	23.7	0.0
100	QPSK	270	0	22.40	22.60	22.58		
100	16QAM	1	1	22.23	22.61	22.63	23.7	0.0
100	64QAM	1	1	22.21	22.46	22.55	23.7	0.0
100	256QAM	1	1	22.28	22.60	22.64	23.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.30	22.62	22.55	23.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.37	22.49	22.50	23.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.37	22.44	22.55	23.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.41	22.62	22.46	23.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.26	22.64	22.63	23.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.44	22.63	22.55	23.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.26	22.63	22.56	23.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.24	22.50	22.46	23.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.42	22.58	22.47	23.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.38	22.50	22.61	23.7	0.0

Part27O n77 PC2 Main PA Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.20	25.42	25.29	26.7	0.0
100	PI/2 BPSK	1	137	25.24	25.40	25.21		
100	PI/2 BPSK	1	271	25.25	25.55	25.36		
100	PI/2 BPSK	135	0	25.38	25.56	25.29	26.7	0.0
100	PI/2 BPSK	135	69	25.41	25.51	25.22	26.7	0.0
100	PI/2 BPSK	135	138	25.30	25.40	25.16	26.7	0.0
100	PI/2 BPSK	270	0	25.33	25.59	25.34		
100	QPSK	1	1	25.41	25.62	25.35	26.7	0.0
100	QPSK	1	137	25.43	25.50	25.28		
100	QPSK	1	271	25.28	25.42	25.15		
100	QPSK	135	0	25.42	25.54	25.29	26.7	0.0
100	QPSK	135	69	25.27	25.60	25.30	26.7	0.0
100	QPSK	135	138	25.32	25.55	25.34	26.7	0.0
100	QPSK	270	0	25.26	25.56	25.34		
100	16QAM	1	1	25.41	25.43	25.23	26.7	0.0
100	64QAM	1	1	24.77	24.87	24.88	26.2	0.5
100	256QAM	1	1	21.00	21.33	21.20	22.7	4.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.40	25.49	25.33	26.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.35	25.58	25.15	26.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.27	25.61	25.22	26.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.20	25.50	25.30	26.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.38	25.53	25.14	26.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.27	25.59	25.27	26.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.28	25.61	25.13	26.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.39	25.59	25.24	26.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.33	25.54	25.30	26.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.24	25.46	25.24	26.7	0.0

Part27O n78 Main PA Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.43		23.7	0.0
100	PI/2 BPSK	1	137		22.47			
100	PI/2 BPSK	1	271		22.44			
100	PI/2 BPSK	135	0		22.58		23.7	0.0
100	PI/2 BPSK	135	69		22.59		23.7	0.0
100	PI/2 BPSK	135	138		22.58		23.7	0.0
100	PI/2 BPSK	270	0		22.56			
100	QPSK	1	1		22.61		23.7	0.0
100	QPSK	1	137		22.45			
100	QPSK	1	271		22.58			
100	QPSK	135	0		22.41		23.7	0.0
100	QPSK	135	69		22.60		23.7	0.0
100	QPSK	135	138		22.55		23.7	0.0
100	QPSK	270	0		22.49			
100	16QAM	1	1		22.55		23.7	0.0
100	64QAM	1	1		22.20		23.7	0.0
100	256QAM	1	1		20.79		22.2	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.55	22.46	22.48	23.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.52	22.55	22.57	23.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.53	22.41	22.41	23.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.48	22.51	22.58	23.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.42	22.52	22.44	23.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.47	22.59	22.53	23.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.42	22.53	22.52	23.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.41	22.43	22.45	23.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.48	22.55	22.51	23.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.57	22.56	22.44	23.7	0.0

Part27O n78 PC2 Main PA Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.48		26.7	0.0
100	PI/2 BPSK	1	137		25.52			
100	PI/2 BPSK	1	271		25.43			
100	PI/2 BPSK	135	0		25.43		26.7	0.0
100	PI/2 BPSK	135	69		25.40		26.7	0.0
100	PI/2 BPSK	135	138		25.54		26.7	0.0
100	PI/2 BPSK	270	0		25.55			
100	QPSK	1	1		25.61		26.7	0.0
100	QPSK	1	137		25.54			
100	QPSK	1	271		25.42			
100	QPSK	135	0		25.40		26.7	0.0
100	QPSK	135	69		25.58		26.7	0.0
100	QPSK	135	138		25.50		26.7	0.0
100	QPSK	270	0		25.54			
100	16QAM	1	1		25.46		26.7	0.0
100	64QAM	1	1		24.34		25.7	1.0
100	256QAM	1	1		22.97		24.2	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.48	25.41	25.54	26.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.47	25.44	25.45	26.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.42	25.50	25.51	26.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.48	25.40	25.57	26.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.45	25.45	25.48	26.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.40	25.54	25.60	26.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.58	25.56	25.55	26.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.46	25.58	25.43	26.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.60	25.43	25.43	26.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.45	25.59	25.54	26.7	0.0

Reduced Power Mode for Main PA N77&78 DSI5 Simultaneous

Part27O n77 Main PA Ant1 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.14	20.18	20.28	22.0	0.0
100	PI/2 BPSK	1	137	20.04	20.24	20.19		
100	PI/2 BPSK	1	271	20.13	20.30	20.25		
100	PI/2 BPSK	135	0	20.04	20.15	20.21	22.0	0.0
100	PI/2 BPSK	135	69	20.11	20.23	20.26	22.0	0.0
100	PI/2 BPSK	135	138	20.11	20.29	20.22	22.0	0.0
100	PI/2 BPSK	270	0	20.03	20.13	20.21		
100	QPSK	1	1	20.22	20.32	20.06	22.0	0.0
100	QPSK	1	137	20.02	20.13	20.11		
100	QPSK	1	271	20.09	20.19	20.08		
100	QPSK	135	0	20.08	20.17	20.19	22.0	0.0
100	QPSK	135	69	20.09	20.30	20.11	22.0	0.0
100	QPSK	135	138	20.06	20.20	20.22	22.0	0.0
100	QPSK	270	0	20.02	20.29	20.02		
100	16QAM	1	1	20.13	20.23	20.08	22.0	0.0
100	64QAM	1	1	20.11	20.31	20.16	22.0	0.0
100	256QAM	1	1	20.08	20.23	20.09	22.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.09	20.16	20.23	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.10	20.15	20.18	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.05	20.21	20.25	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.07	20.14	20.22	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.15	20.18	20.22	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.10	20.20	20.17	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.14	20.20	20.11	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.09	20.27	20.18	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.07	20.22	20.24	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.13	20.23	20.31	22.0	0.0

Part27O n77 PC2 Main PA Ant1 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.43	23.45	23.60	25.0	0.0
100	PI/2 BPSK	1	137	23.52	23.51	23.45		
100	PI/2 BPSK	1	271	23.53	23.56	23.44		
100	PI/2 BPSK	135	0	23.56	23.46	23.51	25.0	0.0
100	PI/2 BPSK	135	69	23.39	23.37	23.47	25.0	0.0
100	PI/2 BPSK	135	138	23.51	23.61	23.53	25.0	0.0
100	PI/2 BPSK	270	0	23.54	23.47	23.66		
100	QPSK	1	1	23.43	23.68	23.42	25.0	0.0
100	QPSK	1	137	23.54	23.33	23.55		
100	QPSK	1	271	23.41	23.44	23.11		
100	QPSK	135	0	23.35	23.40	23.12	25.0	0.0
100	QPSK	135	69	23.51	23.66	23.25	25.0	0.0
100	QPSK	135	138	23.36	23.43	23.14	25.0	0.0
100	QPSK	270	0	23.42	23.43	23.07		
100	16QAM	1	1	23.44	23.46	23.15	25.0	0.0
100	64QAM	1	1	21.86	21.86	21.89	23.5	1.5
100	256QAM	1	1	20.00	20.06	19.88	21.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.55	23.39	23.55	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.38	23.51	23.43	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.55	23.43	23.53	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.47	23.33	23.47	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.49	23.43	23.65	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.56	23.44	23.45	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.50	23.34	23.66	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.57	23.40	23.61	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.48	23.40	23.50	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.46	23.39	23.64	25.0	0.0

Part27O n78 Main PA Ant1 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.64		22.0	0.0
100	PI/2 BPSK	1	137		20.63			
100	PI/2 BPSK	1	271		20.71			
100	PI/2 BPSK	135	0		20.69		22.0	0.0
100	PI/2 BPSK	135	69		20.73		22.0	0.0
100	PI/2 BPSK	135	138		20.66		22.0	0.0
100	PI/2 BPSK	270	0		20.61			
100	QPSK	1	1		20.76		22.0	0.0
100	QPSK	1	137		20.74			
100	QPSK	1	271		20.58			
100	QPSK	135	0		20.65		22.0	0.0
100	QPSK	135	69		20.75		22.0	0.0
100	QPSK	135	138		20.66		22.0	0.0
100	QPSK	270	0		20.74			
100	16QAM	1	1		20.75		22.0	0.0
100	64QAM	1	1		19.23		20.5	1.5
100	256QAM	1	1		17.35		18.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.68	20.61	20.59	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.61	20.61	20.68	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.68	20.75	20.74	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.70	20.71	20.62	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.60	20.62	20.59	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.61	20.65	20.70	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.60	20.54	20.56	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.62	20.62	20.56	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.75	20.69	20.61	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.62	20.73	20.64	22.0	0.0

Part27O n78 PC2 Main PA Ant1 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.10		25.0	0.0
100	PI/2 BPSK	1	137		23.14			
100	PI/2 BPSK	1	271		23.17			
100	PI/2 BPSK	135	0		23.19		25.0	0.0
100	PI/2 BPSK	135	69		23.16		25.0	0.0
100	PI/2 BPSK	135	138		23.15		25.0	0.0
100	PI/2 BPSK	270	0		23.04			
100	QPSK	1	1		23.23		25.0	0.0
100	QPSK	1	137		23.08			
100	QPSK	1	271		23.14			
100	QPSK	135	0		23.11		25.0	0.0
100	QPSK	135	69		23.18		25.0	0.0
100	QPSK	135	138		23.01		25.0	0.0
100	QPSK	270	0		23.13			
100	16QAM	1	1		23.10		25.0	0.0
100	64QAM	1	1		21.67		23.5	1.5
100	256QAM	1	1		19.59		21.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.15	23.10	23.11	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.04	23.09	23.16	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.02	23.05	23.13	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.11	23.17	23.05	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.13	23.20	23.07	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.16	23.11	23.10	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.18	23.20	23.14	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.22	23.04	23.21	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.02	23.07	23.21	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.06	23.10	23.10	25.0	0.0

Part27O n77 Main PA Ant2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.46	20.45	20.39	21.7	0.0
100	PI/2 BPSK	1	137	20.50	20.53	20.29		
100	PI/2 BPSK	1	271	20.39	20.45	20.40		
100	PI/2 BPSK	135	0	20.40	20.42	20.30	21.7	0.0
100	PI/2 BPSK	135	69	20.44	20.56	20.46	21.7	0.0
100	PI/2 BPSK	135	138	20.31	20.59	20.47	21.7	0.0
100	PI/2 BPSK	270	0	20.49	20.49	20.47		
100	QPSK	1	1	20.42	20.67	20.40	21.7	0.0
100	QPSK	1	137	20.16	20.44	20.37		
100	QPSK	1	271	20.42	20.40	20.39		
100	QPSK	135	0	20.28	20.36	20.29	21.7	0.0
100	QPSK	135	69	20.41	20.62	20.39	21.7	0.0
100	QPSK	135	138	20.38	20.47	20.36	21.7	0.0
100	QPSK	270	0	20.50	20.59	20.30		
100	16QAM	1	1	20.42	20.41	20.53	21.7	0.0
100	64QAM	1	1	20.14	20.48	20.26	21.7	0.0
100	256QAM	1	1	20.28	20.64	20.59	21.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.35	20.47	20.59	21.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.40	20.64	20.55	21.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.28	20.59	20.47	21.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.33	20.65	20.60	21.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.31	20.50	20.44	21.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.40	20.54	20.45	21.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.43	20.51	20.62	21.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.31	20.43	20.48	21.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.39	20.58	20.51	21.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.42	20.52	20.44	21.7	0.0

Part27O n77 PC2 Main PA Ant2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.24	23.44	23.08	24.7	0.0
100	PI/2 BPSK	1	137	23.24	23.37	23.17		
100	PI/2 BPSK	1	271	23.16	23.42	23.26		
100	PI/2 BPSK	135	0	23.32	23.24	23.13	24.7	0.0
100	PI/2 BPSK	135	69	23.19	23.39	23.25	24.7	0.0
100	PI/2 BPSK	135	138	23.16	23.28	23.09	24.7	0.0
100	PI/2 BPSK	270	0	23.21	23.43	23.08		
100	QPSK	1	1	23.29	23.47	23.14	24.7	0.0
100	QPSK	1	137	23.29	23.23	23.14		
100	QPSK	1	271	23.17	23.31	23.10		
100	QPSK	135	0	23.24	23.38	23.19	24.7	0.0
100	QPSK	135	69	23.21	23.40	23.06	24.7	0.0
100	QPSK	135	138	23.22	23.29	23.10	24.7	0.0
100	QPSK	270	0	23.25	23.36	23.16		
100	16QAM	1	1	23.34	23.33	23.06	24.7	0.0
100	64QAM	1	1	22.81	22.86	22.79	23.2	1.5
100	256QAM	1	1	20.76	20.86	20.68	21.2	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.21	23.27	23.23	24.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.28	23.29	23.14	24.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.30	23.26	23.20	24.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.25	23.44	23.28	24.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.28	23.25	23.28	24.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.36	23.34	23.27	24.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.15	23.23	23.23	24.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.22	23.35	23.20	24.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.23	23.31	23.07	24.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.31	23.39	23.08	24.7	0.0

Part27O n78 Main PA Ant2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.55		22.0	0.0
100	PI/2 BPSK	1	137		21.50			
100	PI/2 BPSK	1	271		21.58			
100	PI/2 BPSK	135	0		21.61		22.0	0.0
100	PI/2 BPSK	135	69		21.49		22.0	0.0
100	PI/2 BPSK	135	138		21.56		22.0	0.0
100	PI/2 BPSK	270	0		21.47			
100	QPSK	1	1		21.65		22.0	0.0
100	QPSK	1	137		21.63			
100	QPSK	1	271		21.61			
100	QPSK	135	0		21.51		22.0	0.0
100	QPSK	135	69		21.60		22.0	0.0
100	QPSK	135	138		21.58		22.0	0.0
100	QPSK	270	0		21.55			
100	16QAM	1	1		21.54		22.0	0.0
100	64QAM	1	1		20.10		20.5	1.5
100	256QAM	1	1		18.05		18.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.57	21.53	21.47	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.55	21.58	21.62	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.52	21.51	21.49	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.60	21.58	21.61	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.55	21.52	21.54	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.57	21.61	21.51	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.63	21.47	21.62	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.54	21.46	21.50	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.49	21.57	21.47	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.56	21.60	21.56	22.0	0.0

Part27O n78 PC2 Main PA Ant2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.38		24.7	0.0
100	PI/2 BPSK	1	137		23.42			
100	PI/2 BPSK	1	271		23.33			
100	PI/2 BPSK	135	0		23.39		24.7	0.0
100	PI/2 BPSK	135	69		23.38		24.7	0.0
100	PI/2 BPSK	135	138		23.35		24.7	0.0
100	PI/2 BPSK	270	0		23.33			
100	QPSK	1	1		23.57		24.7	0.0
100	QPSK	1	137		23.48			
100	QPSK	1	271		23.31			
100	QPSK	135	0		23.50		24.7	0.0
100	QPSK	135	69		23.55		24.7	0.0
100	QPSK	135	138		23.52		24.7	0.0
100	QPSK	270	0		23.53			
100	16QAM	1	1		23.34		24.7	0.0
100	64QAM	1	1		22.84		23.2	1.5
100	256QAM	1	1		20.78		21.2	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.36	23.31	23.34	24.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.33	23.43	23.44	24.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.44	23.37	23.39	24.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.31	23.52	23.37	24.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.41	23.44	23.37	24.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.39	23.33	23.51	24.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.51	23.32	23.39	24.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.34	23.54	23.43	24.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.31	23.50	23.50	24.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.54	23.34	23.31	24.7	0.0

Part27O n77 Main PA Ant3 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.36	18.55	18.55	19.9	0.0
100	PI/2 BPSK	1	137	18.04	18.61	18.43		
100	PI/2 BPSK	1	271	18.18	18.59	18.42		
100	PI/2 BPSK	135	0	18.32	18.56	18.38	19.9	0.0
100	PI/2 BPSK	135	69	18.21	18.38	18.34	19.9	0.0
100	PI/2 BPSK	135	138	18.22	18.63	18.29	19.9	0.0
100	PI/2 BPSK	270	0	18.29	18.47	18.21		
100	QPSK	1	1	18.54	18.67	18.61	19.9	0.0
100	QPSK	1	137	18.10	18.46	18.54		
100	QPSK	1	271	18.34	18.61	18.54		
100	QPSK	135	0	18.10	18.39	18.38	19.9	0.0
100	QPSK	135	69	18.13	18.65	18.46	19.9	0.0
100	QPSK	135	138	18.22	18.60	18.45	19.9	0.0
100	QPSK	270	0	18.42	18.58	18.43		
100	16QAM	1	1	18.22	18.42	18.32	19.9	0.0
100	64QAM	1	1	18.42	18.54	18.61	19.9	0.0
100	256QAM	1	1	18.17	18.37	18.35	19.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.28	18.54	18.40	19.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.22	18.46	18.55	19.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.07	18.40	18.48	19.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.25	18.49	18.58	19.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.27	18.48	18.46	19.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.28	18.32	18.49	19.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.27	18.46	18.45	19.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.08	18.39	18.57	19.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.19	19.54	19.53	19.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.21	18.38	18.53	19.9	0.0

Part27O n77 PC2 Main PA Ant3 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.11	21.52	21.30	22.9	0.0
100	PI/2 BPSK	1	137	21.19	21.49	21.32		
100	PI/2 BPSK	1	271	21.11	21.45	21.02		
100	PI/2 BPSK	135	0	21.26	21.42	21.19	22.9	0.0
100	PI/2 BPSK	135	69	21.22	21.51	21.17	22.9	0.0
100	PI/2 BPSK	135	138	20.93	21.52	21.29	22.9	0.0
100	PI/2 BPSK	270	0	21.09	21.25	21.05		
100	QPSK	1	1	21.39	21.54	21.43	22.9	0.0
100	QPSK	1	137	21.07	21.39	21.37		
100	QPSK	1	271	20.96	21.52	21.16		
100	QPSK	135	0	21.11	21.41	21.07	22.9	0.0
100	QPSK	135	69	20.93	21.51	21.29	22.9	0.0
100	QPSK	135	138	21.07	21.49	21.33	22.9	0.0
100	QPSK	270	0	21.02	21.48	21.06		
100	16QAM	1	1	21.22	21.41	21.06	22.9	0.0
100	64QAM	1	1	20.95	21.30	21.03	22.9	0.0
100	256QAM	1	1	21.09	21.23	21.18	22.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.16	21.43	21.24	22.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.21	21.29	21.20	22.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.29	21.50	21.22	22.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.20	21.52	21.15	22.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.11	21.25	21.17	22.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.13	21.44	21.21	22.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.18	21.16	21.27	22.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.25	21.30	21.09	22.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.30	21.15	21.24	22.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.24	21.13	21.16	22.9	0.0

Part27O n78 Main PA Ant3 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.98		19.9	0.0
100	PI/2 BPSK	1	137		18.04			
100	PI/2 BPSK	1	271		17.97			
100	PI/2 BPSK	135	0		17.96		19.9	0.0
100	PI/2 BPSK	135	69		17.94		19.9	0.0
100	PI/2 BPSK	135	138		18.03		19.9	0.0
100	PI/2 BPSK	270	0		17.92			
100	QPSK	1	1		18.14		19.9	0.0
100	QPSK	1	137		18.06			
100	QPSK	1	271		17.96			
100	QPSK	135	0		17.96		19.9	0.0
100	QPSK	135	69		18.08		19.9	0.0
100	QPSK	135	138		18.05		19.9	0.0
100	QPSK	270	0		18.08			
100	16QAM	1	1		17.98		19.9	0.0
100	64QAM	1	1		18.05		19.9	0.0
100	256QAM	1	1		17.95		19.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.02	18.04	18.01	19.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.94	18.09	17.97	19.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.93	17.94	18.13	19.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.94	17.97	18.02	19.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.97	17.95	17.98	19.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.02	18.12	17.98	19.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.01	17.94	17.94	19.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.11	18.09	18.10	19.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.13	17.95	18.06	19.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.07	18.03	18.14	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.13		22.9	0.0
100	PI/2 BPSK	1	137		21.12			
100	PI/2 BPSK	1	271		21.08			
100	PI/2 BPSK	135	0		21.12		22.9	0.0
100	PI/2 BPSK	135	69		21.04		22.9	0.0
100	PI/2 BPSK	135	138		21.15		22.9	0.0
100	PI/2 BPSK	270	0		21.16			
100	QPSK	1	1		21.21		22.9	0.0
100	QPSK	1	137		20.96			
100	QPSK	1	271		21.08			
100	QPSK	135	0		20.92		22.9	0.0
100	QPSK	135	69		21.18		22.9	0.0
100	QPSK	135	138		21.04		22.9	0.0
100	QPSK	270	0		21.14			
100	16QAM	1	1		20.96		22.9	0.0
100	64QAM	1	1		20.99		22.9	0.0
100	256QAM	1	1		21.04		22.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.07	21.11	21.05	22.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.05	21.06	21.07	22.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.02	21.08	21.12	22.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.95	21.05	21.11	22.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.11	21.01	21.04	22.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.02	21.04	20.95	22.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.07	21.06	21.01	22.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.94	20.97	20.97	22.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.05	21.15	20.96	22.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.07	21.12	20.94	22.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.16	21.44	21.59	22.7	0.0
100	PI/2 BPSK	1	137	21.32	21.49	21.40		
100	PI/2 BPSK	1	271	21.31	21.35	21.56		
100	PI/2 BPSK	135	0	21.09	21.50	21.42	22.7	0.0
100	PI/2 BPSK	135	69	21.23	21.66	21.36	22.7	0.0
100	PI/2 BPSK	135	138	21.11	21.38	21.40	22.7	0.0
100	PI/2 BPSK	270	0	21.26	21.66	21.49		
100	QPSK	1	1	21.48	21.76	21.57	22.7	0.0
100	QPSK	1	137	21.44	21.69	21.45		
100	QPSK	1	271	21.18	21.60	21.33		
100	QPSK	135	0	21.26	21.41	21.50	22.7	0.0
100	QPSK	135	69	21.46	21.71	21.52	22.7	0.0
100	QPSK	135	138	21.45	21.62	21.62	22.7	0.0
100	QPSK	270	0	21.48	21.67	21.57		
100	16QAM	1	1	21.29	21.46	21.61	22.7	0.0
100	64QAM	1	1	21.27	21.49	21.39	22.7	0.0
100	256QAM	1	1	21.16	21.54	21.69	22.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.26	21.47	21.32	22.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.31	21.64	21.48	22.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.22	21.52	21.35	22.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.23	21.56	21.49	22.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.30	21.49	21.32	22.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.28	21.55	21.32	22.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.28	21.65	21.29	22.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.20	21.60	21.35	22.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.32	21.64	21.33	22.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.19	21.64	21.48	22.7	0.0

Part27O n77 PC2 Main PA Ant5 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.26	24.41	24.34	25.7	0.0
100	PI/2 BPSK	1	137	24.29	24.41	24.26		
100	PI/2 BPSK	1	271	24.28	24.45	24.36		
100	PI/2 BPSK	135	0	24.26	24.57	24.35	25.7	0.0
100	PI/2 BPSK	135	69	24.29	24.38	24.13	25.7	0.0
100	PI/2 BPSK	135	138	24.13	24.35	24.16	25.7	0.0
100	PI/2 BPSK	270	0	24.19	24.60	24.38		
100	QPSK	1	1	24.38	24.64	24.39	25.7	0.0
100	QPSK	1	137	24.46	24.52	24.16		
100	QPSK	1	271	24.22	24.31	24.16		
100	QPSK	135	0	24.27	24.37	24.17	25.7	0.0
100	QPSK	135	69	24.27	24.58	24.26	25.7	0.0
100	QPSK	135	138	24.33	24.46	24.24	25.7	0.0
100	QPSK	270	0	24.11	24.55	24.30		
100	16QAM	1	1	24.35	24.28	24.28	25.7	0.0
100	64QAM	1	1	24.45	24.41	24.19	25.7	0.0
100	256QAM	1	1	21.45	21.56	21.48	22.7	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.31	24.58	24.35	25.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.15	24.43	24.25	25.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.13	24.48	24.23	25.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.31	24.62	24.40	25.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.30	24.39	24.33	25.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.28	24.54	24.34	25.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.15	24.48	24.21	25.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.24	24.46	24.31	25.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.24	24.58	24.29	25.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.16	24.61	24.21	25.7	0.0

Part27O n78 Main PA Ant5 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.37		22.7	0.0
100	PI/2 BPSK	1	137		21.52			
100	PI/2 BPSK	1	271		21.51			
100	PI/2 BPSK	135	0		21.52		22.7	0.0
100	PI/2 BPSK	135	69		21.48		22.7	0.0
100	PI/2 BPSK	135	138		21.60		22.7	0.0
100	PI/2 BPSK	270	0		21.60			
100	QPSK	1	1		21.65		22.7	0.0
100	QPSK	1	137		21.47			
100	QPSK	1	271		21.51			
100	QPSK	135	0		21.47		22.7	0.0
100	QPSK	135	69		21.64		22.7	0.0
100	QPSK	135	138		21.60		22.7	0.0
100	QPSK	270	0		21.55			
100	16QAM	1	1		21.62		22.7	0.0
100	64QAM	1	1		21.04		22.7	0.0
100	256QAM	1	1		20.51		22.2	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.47	21.45	21.47	22.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.56	21.63	21.60	22.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.63	21.45	21.44	22.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.52	21.60	21.50	22.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.54	21.46	21.45	22.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.57	21.56	21.42	22.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.64	21.48	21.63	22.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.51	21.44	21.50	22.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.47	21.60	21.60	22.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.47	21.62	21.42	22.7	0.0

Part27O n78 PC2 Main PA Ant5 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.36		25.7	0.0
100	PI/2 BPSK	1	137		24.49			
100	PI/2 BPSK	1	271		24.49			
100	PI/2 BPSK	135	0		24.46		25.7	0.0
100	PI/2 BPSK	135	69		24.38		25.7	0.0
100	PI/2 BPSK	135	138		24.59		25.7	0.0
100	PI/2 BPSK	270	0		24.59			
100	QPSK	1	1		24.60		25.7	0.0
100	QPSK	1	137		24.53			
100	QPSK	1	271		24.44			
100	QPSK	135	0		24.34		25.7	0.0
100	QPSK	135	69		24.52		25.7	0.0
100	QPSK	135	138		24.42		25.7	0.0
100	QPSK	270	0		24.48			
100	16QAM	1	1		24.34		25.7	0.0
100	64QAM	1	1		24.23		25.7	0.0
100	256QAM	1	1		23.71		24.2	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.47	24.42	24.45	25.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.40	24.43	24.48	25.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.47	24.37	24.55	25.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.48	24.54	24.41	25.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.53	24.53	24.57	25.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.48	24.54	24.39	25.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.51	24.40	24.56	25.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.59	24.45	24.51	25.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.50	24.45	24.54	25.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.59	24.38	24.41	25.7	0.0

Reduced Power Mode for Main PA n77&78 DSI 5

Part27O n77 Main PA Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.09	21.35	21.24	23.0	0.0
100	PI/2 BPSK	1	137	21.09	21.29	21.24		
100	PI/2 BPSK	1	271	21.06	21.11	21.05		
100	PI/2 BPSK	135	0	21.21	21.28	21.05	23.0	0.0
100	PI/2 BPSK	135	69	21.05	21.17	21.14	23.0	0.0
100	PI/2 BPSK	135	138	21.04	21.13	21.05	23.0	0.0
100	PI/2 BPSK	270	0	21.01	21.14	21.05		
100	QPSK	1	1	21.28	21.35	21.18	23.0	0.0
100	QPSK	1	137	21.10	21.14	21.03		
100	QPSK	1	271	21.01	21.01	21.01		
100	QPSK	135	0	21.05	21.08	21.03	23.0	0.0
100	QPSK	135	69	21.12	21.25	21.02	23.0	0.0
100	QPSK	135	138	21.03	21.10	21.01	23.0	0.0
100	QPSK	270	0	21.13	21.24	21.15		
100	16QAM	1	1	21.14	21.19	21.05	23.0	0.0
100	64QAM	1	1	21.23	21.35	21.30	23.0	0.0
100	256QAM	1	1	20.35	20.42	20.28	22.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.11	21.25	21.09	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.26	21.23	21.10	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.23	21.26	21.05	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.08	21.18	21.10	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.17	21.28	21.03	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.24	21.25	21.02	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.04	21.20	21.01	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.14	21.23	21.14	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.20	21.11	21.15	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.02	21.20	21.07	23.0	0.0

Part27O n77 PC2 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.57	23.77	23.39	25.0	0.0
100	PI/2 BPSK	1	137	23.49	23.66	23.31		
100	PI/2 BPSK	1	271	23.57	23.69	23.30		
100	PI/2 BPSK	135	0	23.50	23.71	23.19	24.5	0.5
100	PI/2 BPSK	135	69	23.64	23.62	23.24	25.0	0.0
100	PI/2 BPSK	135	138	23.47	23.56	23.09	24.5	0.5
100	PI/2 BPSK	270	0	23.40	23.57	23.11		
100	QPSK	1	1	24.08	24.16	23.75	25.0	0.0
100	QPSK	1	137	23.53	23.64	23.18		
100	QPSK	1	271	23.49	23.68	23.39		
100	QPSK	135	0	23.48	23.59	23.09	24.0	1.0
100	QPSK	135	69	24.08	24.15	23.77	25.0	0.0
100	QPSK	135	138	23.41	23.48	22.97	24.0	1.0
100	QPSK	270	0	23.46	23.66	23.29		
100	16QAM	1	1	23.39	23.48	23.01	24.0	1.0
100	64QAM	1	1	21.61	21.75	21.40	22.5	2.5
100	256QAM	1	1	20.10	20.10	19.64	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.98	24.06	23.82	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.98	24.14	23.79	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.94	24.09	23.87	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.88	24.11	23.78	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.03	24.12	23.88	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.02	24.13	23.84	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.97	23.96	23.82	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.08	24.01	23.82	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.97	24.00	23.77	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.90	24.14	23.75	25.0	0.0

Part27O n78 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.65		23.0	0.0
100	PI/2 BPSK	1	137		21.67			
100	PI/2 BPSK	1	271		21.65			
100	PI/2 BPSK	135	0		21.64		22.5	0.5
100	PI/2 BPSK	135	69		21.66		23.0	0.0
100	PI/2 BPSK	135	138		21.53		22.5	0.5
100	PI/2 BPSK	270	0		21.67			
100	QPSK	1	1		21.70		23.0	0.0
100	QPSK	1	137		21.56			
100	QPSK	1	271		21.58			
100	QPSK	135	0		21.48		22.0	1.0
100	QPSK	135	69		21.66		23.0	0.0
100	QPSK	135	138		21.59		22.0	1.0
100	QPSK	270	0		21.37			
100	16QAM	1	1		20.21		22.0	1.0
100	64QAM	1	1		19.28		20.5	2.5
100	256QAM	1	1		17.41		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.53	21.60	21.54	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.58	21.67	21.53	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.65	21.52	21.57	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.59	21.56	21.51	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.63	21.48	21.49	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.55	21.59	21.53	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.68	21.68	21.58	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.49	21.47	21.62	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.63	21.55	21.61	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.50	21.46	21.69	23.0	0.0

Part27O n78 PC2 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.14		25.0	0.0
100	PI/2 BPSK	1	137		24.12			
100	PI/2 BPSK	1	271		24.02			
100	PI/2 BPSK	135	0		23.67		24.5	0.5
100	PI/2 BPSK	135	69		24.09		25.0	0.0
100	PI/2 BPSK	135	138		24.01		24.5	0.5
100	PI/2 BPSK	270	0		23.86			
100	QPSK	1	1		24.15		25.0	0.0
100	QPSK	1	137		23.93			
100	QPSK	1	271		23.97			
100	QPSK	135	0		23.62		24.0	1.0
100	QPSK	135	69		23.98		25.0	0.0
100	QPSK	135	138		23.28		24.0	1.0
100	QPSK	270	0		23.51			
100	16QAM	1	1		22.94		24.0	1.0
100	64QAM	1	1		20.68		22.5	2.5
100	256QAM	1	1		19.87		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.95	24.04	24.07	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.04	23.98	23.90	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.05	24.00	23.89	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.99	24.06	23.99	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.96	23.86	24.06	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.08	24.05	23.89	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.99	23.99	23.91	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.95	23.94	23.89	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.85	23.87	24.04	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.03	24.03	23.85	25.0	0.0

Part27O n77 Main PA Ant2 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.53	21.43	21.7	0.0
100	PI/2 BPSK	1	137	21.56	21.59	21.39		
100	PI/2 BPSK	1	271	21.46	21.54	21.41		
100	PI/2 BPSK	135	0	21.40	21.55	21.34	21.7	0.0
100	PI/2 BPSK	135	69	21.42	21.59	21.56	21.7	0.0
100	PI/2 BPSK	135	138	21.45	21.61	21.43	21.7	0.0
100	PI/2 BPSK	270	0	21.43	21.57	21.58		
100	QPSK	1	1	21.52	21.64	21.41	21.7	0.0
100	QPSK	1	137	21.30	21.51	21.37		
100	QPSK	1	271	21.47	21.57	21.48		
100	QPSK	135	0	21.38	21.53	21.39	21.7	0.0
100	QPSK	135	69	21.49	21.56	21.37	21.7	0.0
100	QPSK	135	138	21.36	21.55	21.37	21.7	0.0
100	QPSK	270	0	21.45	21.53	21.35		
100	16QAM	1	1	21.53	21.52	21.49	21.7	0.0
100	64QAM	1	1	21.30	21.52	21.35	21.7	0.0
100	256QAM	1	1	20.67	20.61	20.54	20.7	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.50	21.40	21.41	21.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.37	21.36	21.41	21.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.48	21.46	21.41	21.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.49	21.48	21.40	21.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.45	21.32	21.33	21.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.47	21.35	21.38	21.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.43	21.41	21.45	21.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.50	21.34	21.51	21.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.45	21.43	21.47	21.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.42	21.37	21.45	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.18	24.21	24.01	25.0	0.0
100	PI/2 BPSK	1	137	24.17	24.24	24.25		
100	PI/2 BPSK	1	271	24.27	24.30	24.23		
100	PI/2 BPSK	135	0	24.02	24.21	24.11	25.0	0.0
100	PI/2 BPSK	135	69	23.99	24.05	24.01	25.0	0.0
100	PI/2 BPSK	135	138	24.10	24.28	24.07	25.0	0.0
100	PI/2 BPSK	270	0	24.13	24.17	24.12		
100	QPSK	1	1	24.31	24.40	24.23	25.0	0.0
100	QPSK	1	137	24.13	24.24	24.21		
100	QPSK	1	271	24.24	24.23	24.04		
100	QPSK	135	0	23.80	23.92	23.81	25.0	0.0
100	QPSK	135	69	24.20	24.31	24.16	25.0	0.0
100	QPSK	135	138	24.08	24.22	24.13	25.0	0.0
100	QPSK	270	0	24.11	24.14	24.10		
100	16QAM	1	1	23.25	23.35	23.34	24.0	1.0
100	64QAM	1	1	22.15	22.17	22.17	22.5	2.5
100	256QAM	1	1	20.12	20.18	20.16	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.23	24.22	23.84	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.24	24.11	23.92	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.19	24.10	23.89	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.16	24.12	23.99	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.17	24.10	23.84	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.23	24.22	23.86	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.14	24.04	23.84	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.25	24.03	23.97	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.11	24.23	23.91	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.25	24.19	23.87	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.61		22.7	0.0
100	PI/2 BPSK	1	137		22.53			
100	PI/2 BPSK	1	271		22.56			
100	PI/2 BPSK	135	0		22.13		22.2	0.5
100	PI/2 BPSK	135	69		22.51		22.7	0.0
100	PI/2 BPSK	135	138		22.05		22.2	0.5
100	PI/2 BPSK	270	0		22.07			
100	QPSK	1	1		22.62		22.7	0.0
100	QPSK	1	137		22.49			
100	QPSK	1	271		22.42			
100	QPSK	135	0		21.59		21.7	1.0
100	QPSK	135	69		22.38		22.7	0.0
100	QPSK	135	138		21.47		21.7	1.0
100	QPSK	270	0		21.51			
100	16QAM	1	1		21.14		21.7	1.0
100	64QAM	1	1		19.88		20.2	2.5
100	256QAM	1	1		18.14		18.2	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.45	22.52	22.48	22.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.38	22.44	22.52	22.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.55	22.47	22.39	22.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.42	22.49	22.57	22.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.57	22.53	22.42	22.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.50	22.56	22.57	22.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.51	22.42	22.57	22.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.43	22.56	22.38	22.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.54	22.55	22.45	22.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.57	22.55	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.44		25.0	0.0
100	PI/2 BPSK	1	137		24.44			
100	PI/2 BPSK	1	271		24.21			
100	PI/2 BPSK	135	0		24.16		24.5	0.5
100	PI/2 BPSK	135	69		24.47		25.0	0.0
100	PI/2 BPSK	135	138		24.02		24.5	0.5
100	PI/2 BPSK	270	0		24.01			
100	QPSK	1	1		24.48		25.0	0.0
100	QPSK	1	137		24.40			
100	QPSK	1	271		24.16			
100	QPSK	135	0		23.61		24.0	1.0
100	QPSK	135	69		24.43		25.0	0.0
100	QPSK	135	138		23.49		24.0	1.0
100	QPSK	270	0		23.61			
100	16QAM	1	1		23.26		24.0	1.0
100	64QAM	1	1		21.24		22.5	2.5
100	256QAM	1	1		20.18		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.41	24.36	24.40	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.35	24.42	24.34	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.34	24.23	24.32	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.44	24.46	24.42	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.33	24.27	24.42	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.43	24.34	24.34	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.27	24.28	24.33	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.40	24.24	24.46	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.40	24.40	24.44	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.42	24.29	24.30	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.30	19.54	19.53	20.9	0.0
100	PI/2 BPSK	1	137	19.20	19.65	19.46		
100	PI/2 BPSK	1	271	19.32	19.58	19.52		
100	PI/2 BPSK	135	0	19.42	19.59	19.49	20.9	0.0
100	PI/2 BPSK	135	69	19.23	19.53	19.44	20.9	0.0
100	PI/2 BPSK	135	138	19.22	19.56	19.42	20.9	0.0
100	PI/2 BPSK	270	0	19.40	19.62	19.37		
100	QPSK	1	1	19.40	19.68	19.57	20.9	0.0
100	QPSK	1	137	19.25	19.54	19.48		
100	QPSK	1	271	19.39	19.65	19.50		
100	QPSK	135	0	19.22	19.48	19.53	20.9	0.0
100	QPSK	135	69	19.22	19.66	19.46	20.9	0.0
100	QPSK	135	138	19.32	19.64	19.49	20.9	0.0
100	QPSK	270	0	19.40	19.65	19.49		
100	16QAM	1	1	19.34	19.57	19.48	20.9	0.0
100	64QAM	1	1	19.39	19.61	19.58	20.9	0.0
100	256QAM	1	1	19.28	19.51	19.39	20.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.38	19.58	19.53	20.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.29	19.61	19.58	20.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.29	19.50	19.43	20.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.22	19.63	19.40	20.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.41	19.61	19.36	20.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.40	19.58	19.50	20.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.40	19.50	19.51	20.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.25	19.65	19.37	20.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.19	19.54	19.53	20.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.30	19.51	19.40	20.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.19	22.57	22.30	23.9	0.0
100	PI/2 BPSK	1	137	22.21	22.43	22.27		
100	PI/2 BPSK	1	271	22.08	22.52	22.18		
100	PI/2 BPSK	135	0	22.23	22.39	22.27	23.9	0.0
100	PI/2 BPSK	135	69	22.24	22.45	22.14	23.9	0.0
100	PI/2 BPSK	135	138	22.10	22.51	22.31	23.9	0.0
100	PI/2 BPSK	270	0	22.16	22.40	22.14		
100	QPSK	1	1	22.23	22.58	22.31	23.9	0.0
100	QPSK	1	137	22.12	22.45	22.31		
100	QPSK	1	271	22.11	22.55	22.25		
100	QPSK	135	0	22.23	22.56	22.21	23.9	0.0
100	QPSK	135	69	22.03	22.40	22.32	23.9	0.0
100	QPSK	135	138	22.16	22.47	22.31	23.9	0.0
100	QPSK	270	0	22.05	22.39	22.14		
100	16QAM	1	1	22.17	22.56	22.21	23.9	0.0
100	64QAM	1	1	22.01	22.39	22.11	23.9	0.0
100	256QAM	1	1	22.05	22.36	22.31	23.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.16	22.54	22.29	23.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.20	22.43	22.27	23.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.16	22.45	22.32	23.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.13	22.40	22.23	23.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.22	22.41	22.17	23.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.05	22.41	22.14	23.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.17	22.54	22.12	23.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.07	22.58	22.10	23.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.20	22.38	22.24	23.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.17	22.45	22.13	23.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.91		20.9	0.0
100	PI/2 BPSK	1	137		18.98			
100	PI/2 BPSK	1	271		18.97			
100	PI/2 BPSK	135	0		18.95		20.9	0.0
100	PI/2 BPSK	135	69		18.91		20.9	0.0
100	PI/2 BPSK	135	138		18.98		20.9	0.0
100	PI/2 BPSK	270	0		19.03			
100	QPSK	1	1		19.09		20.9	0.0
100	QPSK	1	137		19.08			
100	QPSK	1	271		18.95			
100	QPSK	135	0		19.02		20.9	0.0
100	QPSK	135	69		19.05		20.9	0.0
100	QPSK	135	138		19.00		20.9	0.0
100	QPSK	270	0		19.02			
100	16QAM	1	1		19.02		20.9	0.0
100	64QAM	1	1		19.02		20.9	0.0
100	256QAM	1	1		19.08		20.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.94	19.01	19.06	20.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.02	19.02	19.03	20.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.02	19.01	19.02	20.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.92	19.02	19.07	20.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.97	18.93	19.02	20.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.03	18.99	18.93	20.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.02	18.94	19.01	20.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.02	19.03	18.96	20.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.02	18.98	18.94	20.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.99	18.98	19.02	20.9	0.0

Part27O n78 PC2 Main PA Ant3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.09		23.9	0.0
100	PI/2 BPSK	1	137		22.05			
100	PI/2 BPSK	1	271		22.08			
100	PI/2 BPSK	135	0		22.11		23.9	0.0
100	PI/2 BPSK	135	69		22.06		23.9	0.0
100	PI/2 BPSK	135	138		22.12		23.9	0.0
100	PI/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.19		23.9	0.0
100	QPSK	1	137		22.01			
100	QPSK	1	271		22.10			
100	QPSK	135	0		22.05		23.9	0.0
100	QPSK	135	69		22.15		23.9	0.0
100	QPSK	135	138		22.08		23.9	0.0
100	QPSK	270	0		22.11			
100	16QAM	1	1		21.99		23.9	0.0
100	64QAM	1	1		22.11		23.9	0.0
100	256QAM	1	1		22.05		23.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.11	22.15	22.04	23.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.15	22.16	22.15	23.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.11	22.01	21.98	23.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.12	22.08	21.97	23.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.12	22.15	22.13	23.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.11	22.15	22.10	23.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.03	22.11	22.14	23.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.11	22.15	21.99	23.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.98	22.10	22.13	23.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.11	22.00	22.14	23.9	0.0

Part27O n77 Main PA Ant5 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.26	22.56	22.61	23.7	0.0
100	PI/2 BPSK	1	137	22.29	22.62	22.43		
100	PI/2 BPSK	1	271	22.27	22.47	22.54		
100	PI/2 BPSK	135	0	22.25	22.49	22.47	23.7	0.0
100	PI/2 BPSK	135	69	22.35	22.60	22.44	23.7	0.0
100	PI/2 BPSK	135	138	22.23	22.50	22.52	23.7	0.0
100	PI/2 BPSK	270	0	22.43	22.61	22.52		
100	QPSK	1	1	22.42	22.66	22.64	23.7	0.0
100	QPSK	1	137	22.38	22.63	22.52		
100	QPSK	1	271	22.28	22.63	22.44		
100	QPSK	135	0	22.21	22.54	22.53	23.7	0.0
100	QPSK	135	69	22.43	22.64	22.54	23.7	0.0
100	QPSK	135	138	22.40	22.60	22.62	23.7	0.0
100	QPSK	270	0	22.40	22.60	22.58		
100	16QAM	1	1	22.23	22.61	22.63	23.7	0.0
100	64QAM	1	1	22.21	22.46	22.55	23.7	0.0
100	256QAM	1	1	22.28	22.60	22.64	23.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.30	22.62	22.55	23.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.37	22.49	22.50	23.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.37	22.44	22.55	23.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.41	22.62	22.46	23.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.26	22.64	22.63	23.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.44	22.63	22.55	23.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.26	22.63	22.56	23.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.24	22.50	22.46	23.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.42	22.58	22.47	23.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.38	22.50	22.61	23.7	0.0

Part27O n77 PC2 Main PA Ant5 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.20	25.42	25.29	26.7	0.0
100	PI/2 BPSK	1	137	25.24	25.40	25.21		
100	PI/2 BPSK	1	271	25.25	25.55	25.36		
100	PI/2 BPSK	135	0	25.38	25.56	25.29	26.7	0.0
100	PI/2 BPSK	135	69	25.41	25.51	25.22	26.7	0.0
100	PI/2 BPSK	135	138	25.30	25.40	25.16	26.7	0.0
100	PI/2 BPSK	270	0	25.33	25.59	25.34		
100	QPSK	1	1	25.41	25.62	25.35	26.7	0.0
100	QPSK	1	137	25.43	25.50	25.28		
100	QPSK	1	271	25.28	25.42	25.15		
100	QPSK	135	0	25.42	25.54	25.29	26.7	0.0
100	QPSK	135	69	25.27	25.60	25.30	26.7	0.0
100	QPSK	135	138	25.32	25.55	25.34	26.7	0.0
100	QPSK	270	0	25.26	25.56	25.34		
100	16QAM	1	1	25.41	25.43	25.23	26.7	0.0
100	64QAM	1	1	24.77	24.87	24.88	26.2	0.5
100	256QAM	1	1	21.00	21.33	21.20	22.7	4.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.40	25.49	25.33	26.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.35	25.58	25.15	26.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.27	25.61	25.22	26.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.20	25.50	25.30	26.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.38	25.53	25.14	26.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.27	25.59	25.27	26.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.28	25.61	25.13	26.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.39	25.59	25.24	26.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.33	25.54	25.30	26.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.24	25.46	25.24	26.7	0.0

Part27O n78 Main PA Ant5 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.43		23.7	0.0
100	PI/2 BPSK	1	137		22.47			
100	PI/2 BPSK	1	271		22.44			
100	PI/2 BPSK	135	0		22.58		23.7	0.0
100	PI/2 BPSK	135	69		22.59		23.7	0.0
100	PI/2 BPSK	135	138		22.58		23.7	0.0
100	PI/2 BPSK	270	0		22.56			
100	QPSK	1	1		22.61		23.7	0.0
100	QPSK	1	137		22.45			
100	QPSK	1	271		22.58			
100	QPSK	135	0		22.41		23.7	0.0
100	QPSK	135	69		22.60		23.7	0.0
100	QPSK	135	138		22.55		23.7	0.0
100	QPSK	270	0		22.49			
100	16QAM	1	1		22.55		23.7	0.0
100	64QAM	1	1		22.20		23.7	0.0
100	256QAM	1	1		20.79		22.2	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.55	22.46	22.48	23.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.52	22.55	22.57	23.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.53	22.41	22.41	23.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.48	22.51	22.58	23.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.42	22.52	22.44	23.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.47	22.59	22.53	23.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.42	22.53	22.52	23.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.41	22.43	22.45	23.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.48	22.55	22.51	23.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.57	22.56	22.44	23.7	0.0

Part27O n78 PC2 Main PA Ant5 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.48		26.7	0.0
100	PI/2 BPSK	1	137		25.52			
100	PI/2 BPSK	1	271		25.43			
100	PI/2 BPSK	135	0		25.43		26.7	0.0
100	PI/2 BPSK	135	69		25.40		26.7	0.0
100	PI/2 BPSK	135	138		25.54		26.7	0.0
100	PI/2 BPSK	270	0		25.55			
100	QPSK	1	1		25.61		26.7	0.0
100	QPSK	1	137		25.54			
100	QPSK	1	271		25.42			
100	QPSK	135	0		25.40		26.7	0.0
100	QPSK	135	69		25.58		26.7	0.0
100	QPSK	135	138		25.50		26.7	0.0
100	QPSK	270	0		25.54			
100	16QAM	1	1		25.46		26.7	0.0
100	64QAM	1	1		24.34		25.7	1.0
100	256QAM	1	1		22.97		24.2	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.48	25.41	25.54	26.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.47	25.44	25.45	26.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.42	25.50	25.51	26.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.48	25.40	25.57	26.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.45	25.45	25.48	26.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.40	25.54	25.60	26.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.58	25.56	25.55	26.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.46	25.58	25.43	26.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.60	25.43	25.43	26.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.45	25.59	25.54	26.7	0.0

Reduced Power Mode for Main PA n77&78 DSI6

Part27O n77 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.09	21.35	21.24	23.0	0.0
100	PI/2 BPSK	1	137	21.09	21.29	21.24		
100	PI/2 BPSK	1	271	21.06	21.11	21.05		
100	PI/2 BPSK	135	0	21.21	21.28	21.05	23.0	0.0
100	PI/2 BPSK	135	69	21.05	21.17	21.14	23.0	0.0
100	PI/2 BPSK	135	138	21.04	21.13	21.05	23.0	0.0
100	PI/2 BPSK	270	0	21.01	21.14	21.05		
100	QPSK	1	1	21.28	21.35	21.18	23.0	0.0
100	QPSK	1	137	21.10	21.14	21.03		
100	QPSK	1	271	21.01	21.01	21.01		
100	QPSK	135	0	21.05	21.08	21.03	23.0	0.0
100	QPSK	135	69	21.12	21.25	21.02	23.0	0.0
100	QPSK	135	138	21.03	21.10	21.01	23.0	0.0
100	QPSK	270	0	21.13	21.24	21.15		
100	16QAM	1	1	21.14	21.19	21.05	23.0	0.0
100	64QAM	1	1	21.23	21.35	21.30	23.0	0.0
100	256QAM	1	1	20.35	20.42	20.28	22.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.11	21.25	21.09	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.26	21.23	21.10	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.23	21.26	21.05	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.08	21.18	21.10	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.17	21.28	21.03	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.24	21.25	21.02	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.04	21.20	21.01	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.14	21.23	21.14	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.20	21.11	21.15	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.02	21.20	21.07	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.57	23.77	23.39	25.0	0.0
100	PI/2 BPSK	1	137	23.49	23.66	23.31		
100	PI/2 BPSK	1	271	23.57	23.69	23.30		
100	PI/2 BPSK	135	0	23.50	23.71	23.19	24.5	0.5
100	PI/2 BPSK	135	69	23.64	23.62	23.24	25.0	0.0
100	PI/2 BPSK	135	138	23.47	23.56	23.09	24.5	0.5
100	PI/2 BPSK	270	0	23.40	23.57	23.11		
100	QPSK	1	1	24.08	24.16	23.75	25.0	0.0
100	QPSK	1	137	23.53	23.64	23.18		
100	QPSK	1	271	23.49	23.68	23.39		
100	QPSK	135	0	23.48	23.59	23.09	24.0	1.0
100	QPSK	135	69	24.08	24.15	23.77	25.0	0.0
100	QPSK	135	138	23.41	23.48	22.97	24.0	1.0
100	QPSK	270	0	23.46	23.66	23.29		
100	16QAM	1	1	23.39	23.48	23.01	24.0	1.0
100	64QAM	1	1	21.61	21.75	21.40	22.5	2.5
100	256QAM	1	1	20.10	20.10	19.64	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.98	24.06	23.82	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.98	24.14	23.79	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.94	24.09	23.87	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.88	24.11	23.78	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.03	24.12	23.88	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.02	24.13	23.84	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.97	23.96	23.82	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.08	24.01	23.82	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.97	24.00	23.77	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.90	24.14	23.75	25.0	0.0

Part27O n78 Main PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.65		23.0	0.0
100	PI/2 BPSK	1	137		21.67			
100	PI/2 BPSK	1	271		21.65			
100	PI/2 BPSK	135	0		21.64		22.5	0.5
100	PI/2 BPSK	135	69		21.66		23.0	0.0
100	PI/2 BPSK	135	138		21.53		22.5	0.5
100	PI/2 BPSK	270	0		21.67			
100	QPSK	1	1		21.70		23.0	0.0
100	QPSK	1	137		21.56			
100	QPSK	1	271		21.58			
100	QPSK	135	0		21.48		22.0	1.0
100	QPSK	135	69		21.66		23.0	0.0
100	QPSK	135	138		21.59		22.0	1.0
100	QPSK	270	0		21.37			
100	16QAM	1	1		20.21		22.0	1.0
100	64QAM	1	1		19.28		20.5	2.5
100	256QAM	1	1		17.41		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.53	21.60	21.54	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.58	21.67	21.53	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.65	21.52	21.57	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.59	21.56	21.51	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.63	21.48	21.49	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.55	21.59	21.53	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.68	21.68	21.58	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.49	21.47	21.62	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.63	21.55	21.61	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.50	21.46	21.69	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.14		25.0	0.0
100	PI/2 BPSK	1	137		24.12			
100	PI/2 BPSK	1	271		24.02			
100	PI/2 BPSK	135	0		23.67		24.5	0.5
100	PI/2 BPSK	135	69		24.09		25.0	0.0
100	PI/2 BPSK	135	138		24.01		24.5	0.5
100	PI/2 BPSK	270	0		23.86			
100	QPSK	1	1		24.15		25.0	0.0
100	QPSK	1	137		23.93			
100	QPSK	1	271		23.97			
100	QPSK	135	0		23.62		24.0	1.0
100	QPSK	135	69		23.98		25.0	0.0
100	QPSK	135	138		23.28		24.0	1.0
100	QPSK	270	0		23.51			
100	16QAM	1	1		22.94		24.0	1.0
100	64QAM	1	1		20.68		22.5	2.5
100	256QAM	1	1		19.87		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.95	24.04	24.07	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.04	23.98	23.90	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.05	24.00	23.89	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.99	24.06	23.99	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.96	23.86	24.06	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.08	24.05	23.89	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.99	23.99	23.91	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.95	23.94	23.89	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.85	23.87	24.04	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.03	24.03	23.85	25.0	0.0

Part27O n77 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.53	21.43	23.0	0.0
100	PI/2 BPSK	1	137	21.56	21.59	21.39		
100	PI/2 BPSK	1	271	21.46	21.54	21.41		
100	PI/2 BPSK	135	0	21.40	21.55	21.34	23.0	0.0
100	PI/2 BPSK	135	69	21.42	21.59	21.56	23.0	0.0
100	PI/2 BPSK	135	138	21.45	21.61	21.43	23.0	0.0
100	PI/2 BPSK	270	0	21.43	21.57	21.58		
100	QPSK	1	1	21.52	21.64	21.41	23.0	0.0
100	QPSK	1	137	21.30	21.51	21.37		
100	QPSK	1	271	21.47	21.57	21.48		
100	QPSK	135	0	21.38	21.53	21.39	23.0	0.0
100	QPSK	135	69	21.49	21.56	21.37	23.0	0.0
100	QPSK	135	138	21.36	21.55	21.37	23.0	0.0
100	QPSK	270	0	21.45	21.53	21.35		
100	16QAM	1	1	21.53	21.52	21.49	23.0	0.0
100	64QAM	1	1	21.30	21.52	21.35	23.0	0.0
100	256QAM	1	1	20.67	20.71	20.54	22.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.50	21.40	21.41	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.37	21.36	21.41	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.48	21.46	21.41	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.49	21.48	21.40	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.45	21.32	21.33	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.47	21.35	21.38	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.43	21.41	21.45	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.50	21.34	21.51	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.45	21.43	21.47	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.42	21.37	21.45	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.18	24.21	24.01	25.0	0.0
100	PI/2 BPSK	1	137	24.17	24.24	24.25		
100	PI/2 BPSK	1	271	24.27	24.30	24.23		
100	PI/2 BPSK	135	0	24.02	24.21	24.11	25.0	0.0
100	PI/2 BPSK	135	69	23.99	24.05	24.01	25.0	0.0
100	PI/2 BPSK	135	138	24.10	24.28	24.07	25.0	0.0
100	PI/2 BPSK	270	0	24.13	24.17	24.12		
100	QPSK	1	1	24.31	24.40	24.23	25.0	0.0
100	QPSK	1	137	24.13	24.24	24.21		
100	QPSK	1	271	24.24	24.23	24.04		
100	QPSK	135	0	23.80	23.92	23.81	25.0	0.0
100	QPSK	135	69	24.20	24.31	24.16	25.0	0.0
100	QPSK	135	138	24.08	24.22	24.13	25.0	0.0
100	QPSK	270	0	24.11	24.14	24.10		
100	16QAM	1	1	23.25	23.35	23.34	24.0	1.0
100	64QAM	1	1	22.25	22.27	22.27	22.5	2.5
100	256QAM	1	1	20.20	20.23	20.20	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.23	24.22	23.84	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.24	24.11	23.92	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.19	24.10	23.89	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.16	24.12	23.99	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.17	24.10	23.84	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.23	24.22	23.86	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.14	24.04	23.84	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.25	24.03	23.97	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.11	24.23	23.91	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.25	24.19	23.87	25.0	0.0

Part27O n78 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.61		23.0	0.0
100	PI/2 BPSK	1	137		22.53			
100	PI/2 BPSK	1	271		22.56			
100	PI/2 BPSK	135	0		22.13		22.5	0.5
100	PI/2 BPSK	135	69		22.51		23.0	0.0
100	PI/2 BPSK	135	138		22.05		22.5	0.5
100	PI/2 BPSK	270	0		22.07			
100	QPSK	1	1		22.62		23.0	0.0
100	QPSK	1	137		22.49			
100	QPSK	1	271		22.42			
100	QPSK	135	0		21.59		22.0	1.0
100	QPSK	135	69		22.38		23.0	0.0
100	QPSK	135	138		21.47		22.0	1.0
100	QPSK	270	0		21.51			
100	16QAM	1	1		21.14		22.0	1.0
100	64QAM	1	1		19.88		20.5	2.5
100	256QAM	1	1		18.44		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.45	22.52	22.48	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.38	22.44	22.52	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.55	22.47	22.39	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.42	22.49	22.57	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.57	22.53	22.42	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.50	22.56	22.57	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.51	22.42	22.57	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.43	22.56	22.38	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.54	22.55	22.45	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.57	22.55	23.0	0.0

Part27O n78 PC2 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.44		25.0	0.0
100	PI/2 BPSK	1	137		24.44			
100	PI/2 BPSK	1	271		24.21			
100	PI/2 BPSK	135	0		24.16		24.5	0.5
100	PI/2 BPSK	135	69		24.47		25.0	0.0
100	PI/2 BPSK	135	138		24.02		24.5	0.5
100	PI/2 BPSK	270	0		24.01			
100	QPSK	1	1		24.48		25.0	0.0
100	QPSK	1	137		24.40			
100	QPSK	1	271		24.16			
100	QPSK	135	0		23.71		24.0	1.0
100	QPSK	135	69		24.43		25.0	0.0
100	QPSK	135	138		23.49		24.0	1.0
100	QPSK	270	0		23.61			
100	16QAM	1	1		23.26		24.0	1.0
100	64QAM	1	1		21.24		22.5	2.5
100	256QAM	1	1		20.28		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.41	24.36	24.40	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.35	24.42	24.34	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.34	24.23	24.32	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.44	24.46	24.42	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.33	24.27	24.42	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.43	24.34	24.34	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.27	24.28	24.33	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.40	24.24	24.46	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.40	24.40	24.44	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.42	24.29	24.30	25.0	0.0

Part27O n77 Main PA Ant3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.08	20.12	20.15	21.1	0.0
100	PI/2 BPSK	1	137	20.08	20.05	20.08		
100	PI/2 BPSK	1	271	19.91	20.19	20.20		
100	PI/2 BPSK	135	0	20.07	20.12	20.20	21.1	0.0
100	PI/2 BPSK	135	69	20.01	20.19	20.16	21.1	0.0
100	PI/2 BPSK	135	138	20.03	20.07	20.03	21.1	0.0
100	PI/2 BPSK	270	0	20.08	20.08	20.19		
100	QPSK	1	1	19.92	20.23	19.97	21.1	0.0
100	QPSK	1	137	20.01	20.08	20.12		
100	QPSK	1	271	20.07	20.12	20.08		
100	QPSK	135	0	20.00	20.12	20.05	21.1	0.0
100	QPSK	135	69	19.88	20.20	20.18	21.1	0.0
100	QPSK	135	138	20.05	20.08	20.12	21.1	0.0
100	QPSK	270	0	20.03	20.17	20.07		
100	16QAM	1	1	20.01	20.13	20.12	21.1	0.0
100	64QAM	1	1	20.07	20.14	20.04	21.1	0.0
100	256QAM	1	1	19.88	20.17	20.06	21.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.02	20.12	20.17	21.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.02	20.13	20.04	21.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.93	20.06	19.98	21.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.91	20.15	20.01	21.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.03	20.08	20.19	21.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.88	20.18	20.15	21.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.96	20.05	20.05	21.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.93	20.09	20.04	21.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.06	20.05	20.08	21.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.07	20.05	20.07	21.1	0.0

Part27O n77 PC2 Main PA Ant3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.66	22.80	22.84	24.1	0.0
100	PI/2 BPSK	1	137	22.77	22.82	22.72		
100	PI/2 BPSK	1	271	22.76	22.89	22.65		
100	PI/2 BPSK	135	0	22.71	22.83	22.64	24.1	0.0
100	PI/2 BPSK	135	69	22.75	22.88	22.60	24.1	0.0
100	PI/2 BPSK	135	138	22.68	22.83	22.83	24.1	0.0
100	PI/2 BPSK	270	0	22.79	22.83	22.84		
100	QPSK	1	1	22.65	22.95	22.64	24.1	0.0
100	QPSK	1	137	22.71	22.88	22.80		
100	QPSK	1	271	22.76	22.85	22.70		
100	QPSK	135	0	22.74	22.91	22.77	24.1	0.0
100	QPSK	135	69	22.70	22.93	22.66	24.1	0.0
100	QPSK	135	138	22.71	22.86	22.82	24.1	0.0
100	QPSK	270	0	22.76	22.92	22.72		
100	16QAM	1	1	22.73	22.91	22.65	24.1	0.0
100	64QAM	1	1	22.75	22.85	22.61	24.1	0.0
100	256QAM	1	1	22.09	22.23	22.15	23.6	0.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.73	22.93	22.72	24.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.71	22.87	22.67	24.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.68	22.82	22.83	24.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.66	22.87	22.76	24.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.63	22.92	22.64	24.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.66	22.84	22.68	24.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.68	22.91	22.66	24.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.76	22.92	22.79	24.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.78	22.81	22.62	24.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.72	22.82	22.76	24.1	0.0

Part27O n78 Main PA Ant3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.33		21.1	0.0
100	PI/2 BPSK	1	137		19.48			
100	PI/2 BPSK	1	271		19.43			
100	PI/2 BPSK	135	0		19.47		21.1	0.0
100	PI/2 BPSK	135	69		19.33		21.1	0.0
100	PI/2 BPSK	135	138		19.35		21.1	0.0
100	PI/2 BPSK	270	0		19.37			
100	QPSK	1	1		19.55		21.1	0.0
100	QPSK	1	137		19.51			
100	QPSK	1	271		19.32			
100	QPSK	135	0		19.32		21.1	0.0
100	QPSK	135	69		19.52		21.1	0.0
100	QPSK	135	138		19.45		21.1	0.0
100	QPSK	270	0		19.44			
100	16QAM	1	1		19.50		21.1	0.0
100	64QAM	1	1		19.54		21.1	0.0
100	256QAM	1	1		19.54		21.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.32	19.35	19.34	21.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.46	19.47	19.42	21.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.40	19.35	19.44	21.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.32	19.50	19.31	21.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.32	19.45	19.43	21.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.41	19.52	19.32	21.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.32	19.49	19.48	21.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.50	19.42	19.45	21.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.51	19.33	19.44	21.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.42	19.38	19.34	21.1	0.0

Part27O n78 PC2 Main PA Ant3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.43		24.1	0.0
100	PI/2 BPSK	1	137		22.57			
100	PI/2 BPSK	1	271		22.58			
100	PI/2 BPSK	135	0		22.48		24.1	0.0
100	PI/2 BPSK	135	69		22.55		24.1	0.0
100	PI/2 BPSK	135	138		22.56		24.1	0.0
100	PI/2 BPSK	270	0		22.48			
100	QPSK	1	1		22.61		24.1	0.0
100	QPSK	1	137		22.50			
100	QPSK	1	271		22.60			
100	QPSK	135	0		22.48		24.1	0.0
100	QPSK	135	69		22.58		24.1	0.0
100	QPSK	135	138		22.57		24.1	0.0
100	QPSK	270	0		22.56			
100	16QAM	1	1		22.48		24.1	0.0
100	64QAM	1	1		22.56		24.1	0.0
100	256QAM	1	1		22.48		24.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.44	22.56	22.43	24.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.56	22.57	22.57	24.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.52	22.41	22.47	24.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.49	22.60	22.53	24.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.51	22.46	22.57	24.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.49	22.55	22.47	24.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.42	22.60	22.55	24.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.60	22.55	22.53	24.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.57	22.43	22.59	24.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.45	22.59	22.47	24.1	0.0

Part27O n77 Ant5 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.81	21.87	22.03	23.0	0.0
100	PI/2 BPSK	1	137	21.85	22.03	21.91		
100	PI/2 BPSK	1	271	21.77	22.06	21.96		
100	PI/2 BPSK	135	0	21.71	22.04	22.06	23.0	0.0
100	PI/2 BPSK	135	69	21.78	22.07	22.02	23.0	0.0
100	PI/2 BPSK	135	138	21.77	21.88	21.84	23.0	0.0
100	PI/2 BPSK	270	0	21.89	22.08	22.00		
100	QPSK	1	1	21.89	22.09	21.96	23.0	0.0
100	QPSK	1	137	21.73	22.05	21.90		
100	QPSK	1	271	21.72	21.90	21.93		
100	QPSK	135	0	21.72	21.95	21.90	23.0	0.0
100	QPSK	135	69	21.67	22.09	22.03	23.0	0.0
100	QPSK	135	138	21.73	22.07	22.04	23.0	0.0
100	QPSK	270	0	21.90	21.96	21.84		
100	16QAM	1	1	21.81	21.98	22.06	23.0	0.0
100	64QAM	1	1	21.79	21.91	21.93	23.0	0.0
100	256QAM	1	1	21.77	21.95	22.07	23.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.84	21.95	21.96	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.75	21.98	22.03	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.78	22.04	22.07	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.85	21.92	21.96	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.71	22.07	21.95	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.83	22.03	21.99	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.85	21.95	21.93	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.78	22.03	21.91	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.87	21.90	21.89	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.90	21.97	21.96	23.0	0.0

Part27O n77 PC2 Ant5 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.83	24.90	24.82	26.0	0.0
100	PI/2 BPSK	1	137	24.85	25.02	24.74		
100	PI/2 BPSK	1	271	24.87	25.02	24.69		
100	PI/2 BPSK	135	0	24.84	24.91	24.63	26.0	0.0
100	PI/2 BPSK	135	69	24.76	24.96	24.82	26.0	0.0
100	PI/2 BPSK	135	138	24.80	24.87	24.78	26.0	0.0
100	PI/2 BPSK	270	0	24.71	24.90	24.80		
100	QPSK	1	1	24.90	25.08	24.69	26.0	0.0
100	QPSK	1	137	24.85	25.06	24.62		
100	QPSK	1	271	24.78	24.89	24.73		
100	QPSK	135	0	24.70	25.01	24.81	26.0	0.0
100	QPSK	135	69	24.84	25.02	24.76	26.0	0.0
100	QPSK	135	138	24.77	24.86	24.60	26.0	0.0
100	QPSK	270	0	24.88	24.97	24.80		
100	16QAM	1	1	24.74	25.03	24.80	26.0	0.0
100	64QAM	1	1	24.72	24.99	24.80	26.0	0.0
100	256QAM	1	1	21.18	21.42	21.26	22.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.86	24.91	24.66	26.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.83	25.05	24.64	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.86	24.92	24.83	26.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.87	24.90	24.81	26.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.87	25.06	24.64	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.67	24.92	24.76	26.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.82	24.90	24.66	26.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.87	25.03	24.64	26.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.77	24.88	24.65	26.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.71	25.06	24.61	26.0	0.0

Part27O n78 Ant5 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.04		23.0	0.0
100	PI/2 BPSK	1	137		22.03			
100	PI/2 BPSK	1	271		22.08			
100	PI/2 BPSK	135	0		21.90		23.0	0.0
100	PI/2 BPSK	135	69		22.01		23.0	0.0
100	PI/2 BPSK	135	138		21.97		23.0	0.0
100	PI/2 BPSK	270	0		22.07			
100	QPSK	1	1		22.09		23.0	0.0
100	QPSK	1	137		21.95			
100	QPSK	1	271		21.97			
100	QPSK	135	0		21.96		23.0	0.0
100	QPSK	135	69		22.04		23.0	0.0
100	QPSK	135	138		22.01		23.0	0.0
100	QPSK	270	0		21.98			
100	16QAM	1	1		22.08		23.0	0.0
100	64QAM	1	1		21.87		23.0	0.0
100	256QAM	1	1		21.93		23.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.98	21.99	21.98	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.07	21.94	21.86	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.02	22.01	22.02	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.05	21.94	21.86	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.07	22.03	21.89	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.93	22.04	21.96	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.92	22.08	22.07	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.87	22.01	21.85	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.94	22.04	21.94	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.99	21.92	22.01	23.0	0.0

Part27O n78 PC2 Ant5 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.85		26.0	0.0
100	PI/2 BPSK	1	137		24.90			
100	PI/2 BPSK	1	271		24.90			
100	PI/2 BPSK	135	0		24.98		26.0	0.0
100	PI/2 BPSK	135	69		25.02		26.0	0.0
100	PI/2 BPSK	135	138		24.86		26.0	0.0
100	PI/2 BPSK	270	0		24.87			
100	QPSK	1	1		25.08		26.0	0.0
100	QPSK	1	137		24.86			
100	QPSK	1	271		25.02			
100	QPSK	135	0		24.91		26.0	0.0
100	QPSK	135	69		25.06		26.0	0.0
100	QPSK	135	138		24.99		26.0	0.0
100	QPSK	270	0		24.98			
100	16QAM	1	1		24.89		26.0	0.0
100	64QAM	1	1		25.01		26.0	0.0
100	256QAM	1	1		23.09		24.0	2.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.94	24.86	24.93	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.90	24.89	24.93	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.90	24.93	25.07	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.96	25.01	25.03	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.05	25.04	24.85	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.85	24.97	25.06	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.95	25.02	24.96	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.86	24.95	25.04	26.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.03	25.00	24.89	26.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.88	25.05	24.92	26.0	0.0

Reduced Power Mode for Main PA n77&78 DSI9

Part27O n77 Main PA Ant1 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.72	18.83	18.55	19.6	0.0
100	PI/2 BPSK	1	137	18.80	18.72	18.69		
100	PI/2 BPSK	1	271	18.73	18.78	18.57		
100	PI/2 BPSK	135	0	18.65	18.86	18.62	19.6	0.0
100	PI/2 BPSK	135	69	18.82	18.81	18.73	19.6	0.0
100	PI/2 BPSK	135	138	18.83	18.83	18.58	19.6	0.0
100	PI/2 BPSK	270	0	18.71	18.72	18.64		
100	QPSK	1	1	18.83	18.92	18.72	19.6	0.0
100	QPSK	1	137	18.63	18.73	18.58		
100	QPSK	1	271	18.83	18.90	18.65		
100	QPSK	135	0	18.74	18.75	18.73	19.6	0.0
100	QPSK	135	69	18.75	18.88	18.55	19.6	0.0
100	QPSK	135	138	18.80	18.84	18.52	19.6	0.0
100	QPSK	270	0	18.62	18.72	18.52		
100	16QAM	1	1	18.69	18.72	18.52	19.6	0.0
100	64QAM	1	1	18.69	18.81	18.66	19.6	0.0
100	256QAM	1	1	18.76	18.80	18.64	19.6	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.69	18.75	18.58	19.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.75	18.76	18.69	19.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.75	18.85	18.55	19.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.72	18.79	18.57	19.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.61	18.74	18.55	19.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.78	18.81	18.52	19.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.66	18.71	18.53	19.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.84	18.90	18.54	19.6	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.63	18.84	18.71	19.6	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.62	18.81	18.54	19.6	0.0

Part27O n77 PC2 Main PA Ant1 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.53	21.55	21.00	22.6	0.0
100	PI/2 BPSK	1	137	21.46	21.55	21.03		
100	PI/2 BPSK	1	271	21.49	21.47	20.97		
100	PI/2 BPSK	135	0	21.52	21.66	20.93	22.6	0.0
100	PI/2 BPSK	135	69	21.50	21.49	21.15	22.6	0.0
100	PI/2 BPSK	135	138	21.61	21.57	21.15	22.6	0.0
100	PI/2 BPSK	270	0	21.66	21.65	21.09		
100	QPSK	1	1	21.65	21.67	21.14	22.6	0.0
100	QPSK	1	137	21.55	21.59	20.99		
100	QPSK	1	271	21.56	21.54	21.16		
100	QPSK	135	0	21.56	21.47	20.96	22.6	0.0
100	QPSK	135	69	21.49	21.65	20.99	22.6	0.0
100	QPSK	135	138	21.56	21.53	21.08	22.6	0.0
100	QPSK	270	0	21.57	21.62	20.99		
100	16QAM	1	1	21.57	21.52	20.93	22.6	0.0
100	64QAM	1	1	21.53	21.58	21.08	22.6	0.0
100	256QAM	1	1	20.05	19.90	19.64	21.1	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.48	21.54	21.02	22.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.50	21.62	21.03	22.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.59	21.63	21.04	22.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.45	21.64	20.94	22.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.61	21.55	20.94	22.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.52	21.55	20.95	22.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.55	21.59	20.99	22.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.53	21.57	21.16	22.6	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.60	21.57	21.03	22.6	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.54	21.56	21.01	22.6	0.0

Part27O n78 Main PA Ant1 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.10		19.6	0.0
100	PI/2 BPSK	1	137		19.20			
100	PI/2 BPSK	1	271		19.16			
100	PI/2 BPSK	135	0		19.08		19.6	0.0
100	PI/2 BPSK	135	69		19.15		19.6	0.0
100	PI/2 BPSK	135	138		19.19		19.6	0.0
100	PI/2 BPSK	270	0		19.20			
100	QPSK	1	1		19.23		19.6	0.0
100	QPSK	1	137		19.16			
100	QPSK	1	271		19.12			
100	QPSK	135	0		19.12		19.6	0.0
100	QPSK	135	69		19.19		19.6	0.0
100	QPSK	135	138		19.14		19.6	0.0
100	QPSK	270	0		19.14			
100	16QAM	1	1		19.08		19.6	0.0
100	64QAM	1	1		19.14		19.6	0.0
100	256QAM	1	1		17.45		17.6	2.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.02	19.20	19.12	19.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.13	19.15	19.20	19.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.02	19.22	19.22	19.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.15	19.12	19.11	19.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.17	19.18	19.20	19.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.22	19.20	19.07	19.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.05	19.17	19.07	19.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.19	19.06	19.05	19.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.02	19.21	19.08	19.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.10	19.19	19.16	19.6	0.0

Part27O n78 PC2 Main PA Ant1 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.64		22.6	0.0
100	PI/2 BPSK	1	137		21.55			
100	PI/2 BPSK	1	271		21.71			
100	PI/2 BPSK	135	0		21.55		22.6	0.0
100	PI/2 BPSK	135	69		21.71		22.6	0.0
100	PI/2 BPSK	135	138		21.53		22.6	0.0
100	PI/2 BPSK	270	0		21.72			
100	QPSK	1	1		21.75		22.6	0.0
100	QPSK	1	137		21.73			
100	QPSK	1	271		21.72			
100	QPSK	135	0		21.55		22.6	0.0
100	QPSK	135	69		21.69		22.6	0.0
100	QPSK	135	138		21.66		22.6	0.0
100	QPSK	270	0		21.67			
100	16QAM	1	1		21.63		22.6	0.0
100	64QAM	1	1		20.66		21.6	1.0
100	256QAM	1	1		19.74		20.6	2.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.55	21.63	21.60	22.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.60	21.73	21.62	22.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.54	21.66	21.55	22.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.62	21.65	21.58	22.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.55	21.59	21.53	22.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.64	21.61	21.67	22.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.56	21.64	21.54	22.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.70	21.68	21.68	22.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.63	21.57	21.74	22.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.62	21.55	21.72	22.6	0.0

Part27O n77 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.53	21.43	23.0	0.0
100	PI/2 BPSK	1	137	21.56	21.59	21.39		
100	PI/2 BPSK	1	271	21.46	21.54	21.41		
100	PI/2 BPSK	135	0	21.40	21.55	21.34	23.0	0.0
100	PI/2 BPSK	135	69	21.42	21.59	21.56	23.0	0.0
100	PI/2 BPSK	135	138	21.45	21.61	21.43	23.0	0.0
100	PI/2 BPSK	270	0	21.43	21.57	21.58		
100	QPSK	1	1	21.52	21.64	21.41	23.0	0.0
100	QPSK	1	137	21.30	21.51	21.37		
100	QPSK	1	271	21.47	21.57	21.48		
100	QPSK	135	0	21.38	21.53	21.39	23.0	0.0
100	QPSK	135	69	21.49	21.56	21.37	23.0	0.0
100	QPSK	135	138	21.36	21.55	21.37	23.0	0.0
100	QPSK	270	0	21.45	21.53	21.35		
100	16QAM	1	1	21.53	21.52	21.49	23.0	0.0
100	64QAM	1	1	21.30	21.52	21.35	23.0	0.0
100	256QAM	1	1	20.67	20.71	20.54	22.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.50	21.40	21.41	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.37	21.36	21.41	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.48	21.46	21.41	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.49	21.48	21.40	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.45	21.32	21.33	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.47	21.35	21.38	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.43	21.41	21.45	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.50	21.34	21.51	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.45	21.43	21.47	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.42	21.37	21.45	23.0	0.0

Part27O n77 PC2 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.18	24.21	24.01	25.0	0.0
100	PI/2 BPSK	1	137	24.17	24.24	24.25		
100	PI/2 BPSK	1	271	24.27	24.30	24.23		
100	PI/2 BPSK	135	0	24.02	24.21	24.11	25.0	0.0
100	PI/2 BPSK	135	69	23.99	24.05	24.01	25.0	0.0
100	PI/2 BPSK	135	138	24.10	24.28	24.07	25.0	0.0
100	PI/2 BPSK	270	0	24.13	24.17	24.12		
100	QPSK	1	1	24.31	24.40	24.23	25.0	0.0
100	QPSK	1	137	24.13	24.24	24.21		
100	QPSK	1	271	24.24	24.23	24.04		
100	QPSK	135	0	23.80	23.92	23.81	25.0	0.0
100	QPSK	135	69	24.20	24.31	24.16	25.0	0.0
100	QPSK	135	138	24.08	24.22	24.13	25.0	0.0
100	QPSK	270	0	24.11	24.14	24.10		
100	16QAM	1	1	23.25	23.35	23.34	24.0	1.0
100	64QAM	1	1	22.25	22.27	22.27	22.5	2.5
100	256QAM	1	1	20.20	20.23	20.20	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.23	24.22	23.84	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.24	24.11	23.92	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.19	24.10	23.89	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.16	24.12	23.99	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.17	24.10	23.84	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.23	24.22	23.86	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.14	24.04	23.84	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.25	24.03	23.97	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.11	24.23	23.91	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.25	24.19	23.87	25.0	0.0

Part27O n78 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.61		23.0	0.0
100	PI/2 BPSK	1	137		22.53			
100	PI/2 BPSK	1	271		22.56			
100	PI/2 BPSK	135	0		22.13		22.5	0.5
100	PI/2 BPSK	135	69		22.51		23.0	0.0
100	PI/2 BPSK	135	138		22.05		22.5	0.5
100	PI/2 BPSK	270	0		22.07			
100	QPSK	1	1		22.62		23.0	0.0
100	QPSK	1	137		22.49			
100	QPSK	1	271		22.42			
100	QPSK	135	0		21.59		22.0	1.0
100	QPSK	135	69		22.38		23.0	0.0
100	QPSK	135	138		21.47		22.0	1.0
100	QPSK	270	0		21.51			
100	16QAM	1	1		21.14		22.0	1.0
100	64QAM	1	1		19.88		20.5	2.5
100	256QAM	1	1		18.44		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.45	22.52	22.48	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.38	22.44	22.52	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.55	22.47	22.39	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.42	22.49	22.57	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.57	22.53	22.42	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.50	22.56	22.57	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.51	22.42	22.57	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.43	22.56	22.38	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.54	22.55	22.45	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.57	22.55	23.0	0.0

Part27O n78 PC2 Main PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.44		25.0	0.0
100	PI/2 BPSK	1	137		24.44			
100	PI/2 BPSK	1	271		24.21			
100	PI/2 BPSK	135	0		24.16		24.5	0.5
100	PI/2 BPSK	135	69		24.47		25.0	0.0
100	PI/2 BPSK	135	138		24.02		24.5	0.5
100	PI/2 BPSK	270	0		24.01			
100	QPSK	1	1		24.48		25.0	0.0
100	QPSK	1	137		24.40			
100	QPSK	1	271		24.16			
100	QPSK	135	0		23.71		24.0	1.0
100	QPSK	135	69		24.43		25.0	0.0
100	QPSK	135	138		23.49		24.0	1.0
100	QPSK	270	0		23.61			
100	16QAM	1	1		23.26		24.0	1.0
100	64QAM	1	1		21.24		22.5	2.5
100	256QAM	1	1		20.28		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.41	24.36	24.40	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.35	24.42	24.34	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.34	24.23	24.32	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.44	24.46	24.42	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.33	24.27	24.42	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.43	24.34	24.34	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.27	24.28	24.33	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.40	24.24	24.46	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.40	24.40	24.44	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.42	24.29	24.30	25.0	0.0

Part27O n77 Main PA Ant3 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.35	12.58	12.54	13.7	0.0
100	PI/2 BPSK	1	137	12.30	12.71	12.72		
100	PI/2 BPSK	1	271	12.48	12.65	12.54		
100	PI/2 BPSK	135	0	12.46	12.56	12.62	13.7	0.0
100	PI/2 BPSK	135	69	12.50	12.66	12.60	13.7	0.0
100	PI/2 BPSK	135	138	12.39	12.57	12.65	13.7	0.0
100	PI/2 BPSK	270	0	12.45	12.56	12.75		
100	QPSK	1	1	12.49	12.77	12.74	13.7	0.0
100	QPSK	1	137	12.47	12.74	12.66		
100	QPSK	1	271	12.43	12.60	12.53		
100	QPSK	135	0	12.46	12.64	12.72	13.7	0.0
100	QPSK	135	69	12.32	12.75	12.63	13.7	0.0
100	QPSK	135	138	12.42	12.73	12.65	13.7	0.0
100	QPSK	270	0	12.32	12.72	12.55		
100	16QAM	1	1	12.31	12.71	12.67	13.7	0.0
100	64QAM	1	1	12.47	12.73	12.61	13.7	0.0
100	256QAM	1	1	12.32	12.66	12.70	13.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.33	12.68	12.63	13.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.38	12.58	12.75	13.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.39	12.74	12.55	13.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.30	12.58	12.61	13.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.29	12.60	12.63	13.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.32	12.57	12.63	13.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.38	12.62	12.62	13.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.34	12.67	12.61	13.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.51	12.66	12.60	13.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.40	12.72	12.69	13.7	0.0

Part27O n77 PC2 Main PA Ant3 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.10	15.48	15.12	16.7	0.0
100	PI/2 BPSK	1	137	15.28	15.38	15.11		
100	PI/2 BPSK	1	271	15.11	15.41	15.23		
100	PI/2 BPSK	135	0	15.13	15.45	15.21	16.7	0.0
100	PI/2 BPSK	135	69	15.27	15.37	15.28	16.7	0.0
100	PI/2 BPSK	135	138	15.19	15.45	15.30	16.7	0.0
100	PI/2 BPSK	270	0	15.13	15.32	15.17		
100	QPSK	1	1	15.31	15.51	15.30	16.7	0.0
100	QPSK	1	137	15.24	15.47	15.17		
100	QPSK	1	271	15.30	15.45	15.28		
100	QPSK	135	0	15.31	15.48	15.23	16.7	0.0
100	QPSK	135	69	15.11	15.49	15.15	16.7	0.0
100	QPSK	135	138	15.30	15.48	15.23	16.7	0.0
100	QPSK	270	0	15.20	15.33	15.29		
100	16QAM	1	1	15.19	15.48	15.21	16.7	0.0
100	64QAM	1	1	15.17	15.46	15.21	16.7	0.0
100	256QAM	1	1	15.17	15.47	15.16	16.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.31	15.37	15.18	16.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.23	15.50	15.18	16.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.26	15.34	15.28	16.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.24	15.43	15.31	16.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.26	15.41	15.21	16.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.25	15.45	15.13	16.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.11	15.49	15.26	16.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.28	15.49	15.23	16.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.29	15.30	15.22	16.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.10	15.49	15.11	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		11.95		13.7	0.0
100	PI/2 BPSK	1	137		11.84			
100	PI/2 BPSK	1	271		11.98			
100	PI/2 BPSK	135	0		11.96		13.7	0.0
100	PI/2 BPSK	135	69		11.79		13.7	0.0
100	PI/2 BPSK	135	138		11.84		13.7	0.0
100	PI/2 BPSK	270	0		11.81			
100	QPSK	1	1		12.00		13.7	0.0
100	QPSK	1	137		11.96			
100	QPSK	1	271		11.94			
100	QPSK	135	0		11.90		13.7	0.0
100	QPSK	135	69		11.98		13.7	0.0
100	QPSK	135	138		11.86		13.7	0.0
100	QPSK	270	0		11.81			
100	16QAM	1	1		11.87		13.7	0.0
100	64QAM	1	1		11.84		13.7	0.0
100	256QAM	1	1		11.91		13.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	11.94	11.95	11.99	13.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	11.86	11.85	11.78	13.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	11.98	11.90	11.94	13.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	11.99	11.98	11.87	13.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	11.85	11.99	11.84	13.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	11.92	11.82	11.80	13.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	11.97	11.96	11.85	13.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	11.97	11.97	11.82	13.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	11.80	11.95	11.83	13.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	11.97	11.98	11.84	13.7	0.0

Part27O n78 PC2 Main PA Ant3 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.90		16.7	0.0
100	PI/2 BPSK	1	137		14.85			
100	PI/2 BPSK	1	271		14.97			
100	PI/2 BPSK	135	0		14.86		16.7	0.0
100	PI/2 BPSK	135	69		14.80		16.7	0.0
100	PI/2 BPSK	135	138		14.81		16.7	0.0
100	PI/2 BPSK	270	0		14.96			
100	QPSK	1	1		14.98		16.7	0.0
100	QPSK	1	137		14.80			
100	QPSK	1	271		14.82			
100	QPSK	135	0		14.92		16.7	0.0
100	QPSK	135	69		14.96		16.7	0.0
100	QPSK	135	138		14.92		16.7	0.0
100	QPSK	270	0		14.92			
100	16QAM	1	1		14.79		16.7	0.0
100	64QAM	1	1		14.89		16.7	0.0
100	256QAM	1	1		14.90		16.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.90	14.97	14.85	16.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.77	14.84	14.95	16.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.81	14.91	14.85	16.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.95	14.90	14.97	16.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.79	14.85	14.79	16.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.88	14.81	14.81	16.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.82	14.78	14.91	16.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.84	14.81	14.94	16.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.78	14.80	14.92	16.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.80	14.84	14.86	16.7	0.0

Part27O n77 Ant5 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.27	16.52	16.34	17.3	0.0
100	PI/2 BPSK	1	137	16.28	16.55	16.30		
100	PI/2 BPSK	1	271	16.35	16.52	16.42		
100	PI/2 BPSK	135	0	16.17	16.63	16.37	17.3	0.0
100	PI/2 BPSK	135	69	16.19	16.46	16.39	17.3	0.0
100	PI/2 BPSK	135	138	16.33	16.57	16.35	17.3	0.0
100	PI/2 BPSK	270	0	16.32	16.52	16.50		
100	QPSK	1	1	16.36	16.64	16.50	17.3	0.0
100	QPSK	1	137	16.33	16.50	16.40		
100	QPSK	1	271	16.25	16.62	16.28		
100	QPSK	135	0	16.38	16.45	16.49	17.3	0.0
100	QPSK	135	69	16.17	16.62	16.40	17.3	0.0
100	QPSK	135	138	16.17	16.58	16.44	17.3	0.0
100	QPSK	270	0	16.28	16.60	16.51		
100	16QAM	1	1	16.24	16.55	16.42	17.3	0.0
100	64QAM	1	1	16.18	16.49	16.31	17.3	0.0
100	256QAM	1	1	16.22	16.55	16.49	17.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.25	16.60	16.37	17.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.21	16.51	16.50	17.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.21	16.56	16.33	17.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.15	16.48	16.48	17.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.23	16.58	16.51	17.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.28	16.54	16.30	17.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.19	16.55	16.41	17.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.28	16.62	16.36	17.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.31	16.62	16.41	17.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.32	16.49	16.29	17.3	0.0

Part27O n77 PC2 Ant5 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.34	19.35	19.17	20.3	0.0
100	PI/2 BPSK	1	137	19.27	19.49	19.20		
100	PI/2 BPSK	1	271	19.27	19.31	19.34		
100	PI/2 BPSK	135	0	19.28	19.38	19.14	20.3	0.0
100	PI/2 BPSK	135	69	19.32	19.48	19.27	20.3	0.0
100	PI/2 BPSK	135	138	19.31	19.48	19.16	20.3	0.0
100	PI/2 BPSK	270	0	19.29	19.50	19.17		
100	QPSK	1	1	19.38	19.51	19.36	20.3	0.0
100	QPSK	1	137	19.37	19.34	19.35		
100	QPSK	1	271	19.39	19.36	19.14		
100	QPSK	135	0	19.18	19.49	19.37	20.3	0.0
100	QPSK	135	69	19.37	19.50	19.29	20.3	0.0
100	QPSK	135	138	19.26	19.39	19.24	20.3	0.0
100	QPSK	270	0	19.30	19.44	19.36		
100	16QAM	1	1	19.24	19.50	19.21	20.3	0.0
100	64QAM	1	1	19.30	19.48	19.20	20.3	0.0
100	256QAM	1	1	19.26	19.45	19.36	20.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.28	19.33	19.31	20.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.37	19.41	19.29	20.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.20	19.50	19.21	20.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.39	19.43	19.21	20.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.27	19.50	19.31	20.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.39	19.39	19.27	20.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.17	19.39	19.31	20.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.19	19.30	19.33	20.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.29	19.33	19.15	20.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.31	19.51	19.34	20.3	0.0

Part27O n78 Ant5 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.28		17.3	0.0
100	PI/2 BPSK	1	137		16.40			
100	PI/2 BPSK	1	271		16.24			
100	PI/2 BPSK	135	0		16.25		17.3	0.0
100	PI/2 BPSK	135	69		16.42		17.3	0.0
100	PI/2 BPSK	135	138		16.42		17.3	0.0
100	PI/2 BPSK	270	0		16.32			
100	QPSK	1	1		16.46		17.3	0.0
100	QPSK	1	137		16.33			
100	QPSK	1	271		16.32			
100	QPSK	135	0		16.37		17.3	0.0
100	QPSK	135	69		16.40		17.3	0.0
100	QPSK	135	138		16.30		17.3	0.0
100	QPSK	270	0		16.29			
100	16QAM	1	1		16.38		17.3	0.0
100	64QAM	1	1		16.28		17.3	0.0
100	256QAM	1	1		16.34		17.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.28	16.42	16.38	17.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.35	16.40	16.28	17.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.33	16.28	16.34	17.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.45	16.44	16.37	17.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.36	16.25	16.39	17.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.32	16.35	16.36	17.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.25	16.41	16.34	17.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.44	16.40	16.35	17.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.45	16.40	16.31	17.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.32	16.27	16.28	17.3	0.0

Part27O n78 PC2 Ant5 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.37		20.3	0.0
100	PI/2 BPSK	1	137		19.41			
100	PI/2 BPSK	1	271		19.33			
100	PI/2 BPSK	135	0		19.32		20.3	0.0
100	PI/2 BPSK	135	69		19.44		20.3	0.0
100	PI/2 BPSK	135	138		19.41		20.3	0.0
100	PI/2 BPSK	270	0		19.43			
100	QPSK	1	1		19.53		20.3	0.0
100	QPSK	1	137		19.49			
100	QPSK	1	271		19.38			
100	QPSK	135	0		19.48		20.3	0.0
100	QPSK	135	69		19.50		20.3	0.0
100	QPSK	135	138		19.44		20.3	0.0
100	QPSK	270	0		19.46			
100	16QAM	1	1		19.44		20.3	0.0
100	64QAM	1	1		19.40		20.3	0.0
100	256QAM	1	1		19.40		20.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.51	19.31	19.40	20.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.36	19.51	19.45	20.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.43	19.38	19.34	20.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.46	19.36	19.50	20.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.45	19.51	19.49	20.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.35	19.38	19.35	20.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.51	19.31	19.43	20.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.39	19.48	19.43	20.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.40	19.34	19.47	20.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.34	19.44	19.46	20.3	0.0

Reduced Power Mode for Main PA n77&78 DSI10

Part27O n77 Main PA Ant1 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.20	15.14	14.95	16.5	0.0
100	PI/2 BPSK	1	137	15.11	15.15	15.07		
100	PI/2 BPSK	1	271	15.16	15.16	15.06		
100	PI/2 BPSK	135	0	15.07	15.13	15.05	16.5	0.0
100	PI/2 BPSK	135	69	15.17	15.28	15.13	16.5	0.0
100	PI/2 BPSK	135	138	15.19	15.28	14.98	16.5	0.0
100	PI/2 BPSK	270	0	15.05	15.28	14.93		
100	QPSK	1	1	15.24	15.31	15.14	16.5	0.0
100	QPSK	1	137	15.14	15.22	15.10		
100	QPSK	1	271	15.07	15.13	14.97		
100	QPSK	135	0	15.05	15.11	15.01	16.5	0.0
100	QPSK	135	69	15.03	15.30	14.96	16.5	0.0
100	QPSK	135	138	15.07	15.27	15.09	16.5	0.0
100	QPSK	270	0	15.23	15.28	14.97		
100	16QAM	1	1	15.26	15.20	15.08	16.5	0.0
100	64QAM	1	1	15.17	15.21	15.11	16.5	0.0
100	256QAM	1	1	15.15	15.29	15.00	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.21	15.29	15.15	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.03	15.20	15.01	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.25	15.20	14.94	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.20	15.17	15.08	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.02	15.14	15.06	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.15	15.21	15.12	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.16	15.19	15.07	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.11	15.27	15.03	16.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.02	15.26	14.97	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.19	15.11	14.92	16.5	0.0

Part27O n77 PC2 Main PA Ant1 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.91	17.94	17.75	19.5	0.0
100	PI/2 BPSK	1	137	17.96	17.96	17.81		
100	PI/2 BPSK	1	271	17.91	17.82	17.78		
100	PI/2 BPSK	135	0	17.93	18.00	17.71	19.5	0.0
100	PI/2 BPSK	135	69	17.81	17.92	17.61	19.5	0.0
100	PI/2 BPSK	135	138	17.87	17.87	17.83	19.5	0.0
100	PI/2 BPSK	270	0	17.96	17.98	17.75		
100	QPSK	1	1	17.94	18.01	17.81	19.5	0.0
100	QPSK	1	137	17.85	17.80	17.82		
100	QPSK	1	271	17.79	17.99	17.69		
100	QPSK	135	0	17.90	17.90	17.64	19.5	0.0
100	QPSK	135	69	17.94	17.95	17.81	19.5	0.0
100	QPSK	135	138	17.92	17.82	17.78	19.5	0.0
100	QPSK	270	0	17.88	17.90	17.78		
100	16QAM	1	1	17.75	17.80	17.71	19.5	0.0
100	64QAM	1	1	17.91	17.92	17.64	19.5	0.0
100	256QAM	1	1	17.88	17.90	17.59	19.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.77	17.84	17.76	19.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.94	17.85	17.64	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.87	17.96	17.64	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.82	17.84	17.78	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.87	17.82	17.61	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.90	17.90	17.75	19.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.86	18.00	17.78	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.87	17.82	17.79	19.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.74	17.93	17.81	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.82	17.90	17.61	19.5	0.0

Part27O n78 Main PA Ant1 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.45		16.5	0.0
100	PI/2 BPSK	1	137		15.41			
100	PI/2 BPSK	1	271		15.45			
100	PI/2 BPSK	135	0		15.28		16.5	0.0
100	PI/2 BPSK	135	69		15.27		16.5	0.0
100	PI/2 BPSK	135	138		15.42		16.5	0.0
100	PI/2 BPSK	270	0		15.27			
100	QPSK	1	1		15.48		16.5	0.0
100	QPSK	1	137		15.45			
100	QPSK	1	271		15.34			
100	QPSK	135	0		15.40		16.5	0.0
100	QPSK	135	69		15.47		16.5	0.0
100	QPSK	135	138		15.33		16.5	0.0
100	QPSK	270	0		15.31			
100	16QAM	1	1		15.39		16.5	0.0
100	64QAM	1	1		15.33		16.5	0.0
100	256QAM	1	1		15.26		15.5	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.35	15.42	15.31	16.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.34	15.37	15.28	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.46	15.46	15.42	16.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.41	15.26	15.43	16.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.31	15.46	15.43	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.45	15.38	15.31	16.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.46	15.30	15.46	16.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.38	15.38	15.32	16.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.41	15.34	15.45	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.33	15.31	15.35	16.5	0.0

Part27O n78 PC2 Main PA Ant1 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.79		19.5	0.0
100	PI/2 BPSK	1	137		17.94			
100	PI/2 BPSK	1	271		17.89			
100	PI/2 BPSK	135	0		17.95		19.5	0.0
100	PI/2 BPSK	135	69		17.76		19.5	0.0
100	PI/2 BPSK	135	138		17.95		19.5	0.0
100	PI/2 BPSK	270	0		17.91			
100	QPSK	1	1		17.97		19.5	0.0
100	QPSK	1	137		17.78			
100	QPSK	1	271		17.79			
100	QPSK	135	0		17.92		19.5	0.0
100	QPSK	135	69		17.94		19.5	0.0
100	QPSK	135	138		17.86		19.5	0.0
100	QPSK	270	0		17.88			
100	16QAM	1	1		17.90		19.5	0.0
100	64QAM	1	1		17.84		19.5	0.0
100	256QAM	1	1		17.72		18.5	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.80	17.89	17.89	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.78	17.78	17.93	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.87	17.79	17.83	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.81	17.86	17.90	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.91	17.89	17.81	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.86	17.76	17.76	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.90	17.75	17.77	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.93	17.81	17.83	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.90	17.83	17.90	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.94	17.92	17.93	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset
Channel			
Frequency (MHz)			
100	PI/2 BPSK	1	1
100	PI/2 BPSK	1	137
100	PI/2 BPSK	1	271
100	PI/2 BPSK	135	0
100	PI/2 BPSK	135	69
100	PI/2 BPSK	135	138
100	PI/2 BPSK	270	0
100	QPSK	1	1
100	QPSK	1	137
100	QPSK	1	271
100	QPSK	135	0
100	QPSK	135	69
100	QPSK	135	138
100	QPSK	270	0
100	16QAM	1	1
100	64QAM	1	1
100	256QAM	1	1
Channel			
Frequency (MHz)			
90	QPSK	1	1
Channel			
Frequency (MHz)			
80	QPSK	1	1
Channel			
Frequency (MHz)			
70	QPSK	1	1
Channel			
Frequency (MHz)			
60	QPSK	1	1
Channel			
Frequency (MHz)			
50	QPSK	1	1
Channel			
Frequency (MHz)			
40	QPSK	1	1
Channel			
Frequency (MHz)			
30	QPSK	1	1
Channel			
Frequency (MHz)			
20	QPSK	1	1
Channel			
Frequency (MHz)			
15	QPSK	1	1
Channel			
Frequency (MHz)			
10	QPSK	1	1

Main PA Ant2 DSI10

Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
650000	656000	662000		
3750	3840	3930		
18.50	18.55	18.31	19.3	0.0
18.48	18.61	18.34		
18.41	18.45	18.32		
18.40	18.43	18.22	19.3	0.0
18.31	18.56	18.35	19.3	0.0
18.54	18.61	18.24	19.3	0.0
18.47	18.59	18.28		
18.53	18.65	18.38	19.3	0.0
18.44	18.51	18.33		
18.42	18.62	18.21		
18.35	18.62	18.31	19.3	0.0
18.30	18.63	18.33	19.3	0.0
18.43	18.53	18.34	19.3	0.0
18.38	18.49	18.41		
18.38	18.48	18.28	19.3	0.0
18.37	18.57	18.42	19.3	0.0
18.38	18.47	18.33	19.3	0.0
649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
3745.02	3840	3935.01		
18.51	18.49	18.21	19.3	0.0
649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
3740.01	3840	3940.02		
18.43	18.47	18.40	19.3	0.0
649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
3735	3840	3945		
18.33	18.59	18.42	19.3	0.0
648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
3730.02	3840	3950.01		
18.40	18.43	18.42	19.3	0.0
648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
3725.01	3840	3955.02		
18.39	18.59	18.22	19.3	0.0
648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
3720	3840	3960		
18.38	18.63	18.31	19.3	0.0
647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
3715.02	3840	3965.01		
18.48	18.51	18.25	19.3	0.0
647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
3710.01	3840	3970.02		
18.40	18.57	18.41	19.3	0.0
647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
3707.52	3840	3972.51		
18.52	18.51	18.25	19.3	0.0
647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
3705	3840	3975		
18.36	18.58	18.30	19.3	0.0

Part27O n77 PC2 Main PA Ant2 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.26	21.24	21.02	22.3	0.0
100	PI/2 BPSK	1	137	21.30	21.28	21.14		
100	PI/2 BPSK	1	271	21.19	21.27	21.08		
100	PI/2 BPSK	135	0	21.30	21.42	21.18	22.3	0.0
100	PI/2 BPSK	135	69	21.30	21.27	21.09	22.3	0.0
100	PI/2 BPSK	135	138	21.33	21.38	21.21	22.3	0.0
100	PI/2 BPSK	270	0	21.10	21.39	21.04		
100	QPSK	1	1	21.32	21.45	21.28	22.3	0.0
100	QPSK	1	137	21.10	21.33	21.20		
100	QPSK	1	271	21.24	21.37	21.24		
100	QPSK	135	0	21.28	21.31	21.15	22.3	0.0
100	QPSK	135	69	21.16	21.41	21.22	22.3	0.0
100	QPSK	135	138	21.28	21.29	21.18	22.3	0.0
100	QPSK	270	0	21.27	21.38	21.18		
100	16QAM	1	1	21.15	21.26	21.15	22.3	0.0
100	64QAM	1	1	21.21	21.20	21.12	22.3	0.0
100	256QAM	1	1	20.20	20.23	20.20	21.3	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.10	21.31	21.22	22.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.25	21.28	21.05	22.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.11	21.38	21.06	22.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.11	21.32	21.19	22.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.29	21.23	21.15	22.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.15	21.37	21.07	22.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.09	21.28	21.20	22.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.31	21.31	21.05	22.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.12	21.41	21.19	22.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.18	21.36	21.14	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.22		19.3	0.0
100	PI/2 BPSK	1	137		19.20			
100	PI/2 BPSK	1	271		19.20			
100	PI/2 BPSK	135	0		19.21		19.3	0.0
100	PI/2 BPSK	135	69		19.26		19.3	0.0
100	PI/2 BPSK	135	138		19.22		19.3	0.0
100	PI/2 BPSK	270	0		19.12			
100	QPSK	1	1		19.28		19.3	0.0
100	QPSK	1	137		19.14			
100	QPSK	1	271		19.21			
100	QPSK	135	0		19.11		19.3	0.0
100	QPSK	135	69		19.23		19.3	0.0
100	QPSK	135	138		19.13		19.3	0.0
100	QPSK	270	0		19.21			
100	16QAM	1	1		19.27		19.3	0.0
100	64QAM	1	1		19.16		19.3	0.0
100	256QAM	1	1		18.14		18.3	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.12	19.21	19.27	19.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.22	19.23	19.15	19.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.21	19.20	19.21	19.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.15	19.13	19.26	19.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.20	19.15	19.24	19.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.19	19.12	19.16	19.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.03	18.98	19.08	19.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.21	19.12	19.06	19.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.20	19.02	19.14	19.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.09	19.13	19.11	19.3	0.0

Part27O n78 PC2 Main PA Ant2 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.46		22.3	0.0
100	PI/2 BPSK	1	137		21.43			
100	PI/2 BPSK	1	271		21.28			
100	PI/2 BPSK	135	0		21.34		22.3	0.0
100	PI/2 BPSK	135	69		21.46		22.3	0.0
100	PI/2 BPSK	135	138		21.29		22.3	0.0
100	PI/2 BPSK	270	0		21.41			
100	QPSK	1	1		21.52		22.3	0.0
100	QPSK	1	137		21.43			
100	QPSK	1	271		21.47			
100	QPSK	135	0		21.29		22.3	0.0
100	QPSK	135	69		21.42		22.3	0.0
100	QPSK	135	138		21.33		22.3	0.0
100	QPSK	270	0		21.41			
100	16QAM	1	1		21.32		22.3	0.0
100	64QAM	1	1		21.44		22.3	0.0
100	256QAM	1	1		20.28		21.3	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.33	21.36	21.43	22.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.32	21.31	21.47	22.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.36	21.31	21.43	22.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.35	21.33	21.35	22.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.47	21.46	21.45	22.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.45	21.31	21.32	22.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.33	21.45	21.38	22.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.44	21.32	21.39	22.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.50	21.36	21.43	22.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.48	21.42	21.36	22.3	0.0

Part27O n77 Main PA Ant3 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.90	13.06	13.00	14.0	0.0
100	PI/2 BPSK	1	137	12.96	13.16	12.96		
100	PI/2 BPSK	1	271	12.86	13.22	13.08		
100	PI/2 BPSK	135	0	12.87	13.19	13.02	14.0	0.0
100	PI/2 BPSK	135	69	12.88	13.20	13.09	14.0	0.0
100	PI/2 BPSK	135	138	12.94	13.21	12.96	14.0	0.0
100	PI/2 BPSK	270	0	12.86	13.11	12.98		
100	QPSK	1	1	12.98	13.23	13.08	14.0	0.0
100	QPSK	1	137	13.04	13.15	13.07		
100	QPSK	1	271	12.82	13.01	13.15		
100	QPSK	135	0	12.81	13.17	13.03	14.0	0.0
100	QPSK	135	69	12.99	13.22	12.95	14.0	0.0
100	QPSK	135	138	12.91	13.12	13.15	14.0	0.0
100	QPSK	270	0	12.92	13.16	13.13		
100	16QAM	1	1	13.03	13.16	13.14	14.0	0.0
100	64QAM	1	1	12.95	13.16	13.00	14.0	0.0
100	256QAM	1	1	12.98	13.13	13.08	14.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.81	13.09	13.00	14.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.83	13.14	13.01	14.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.81	13.06	13.01	14.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.00	13.05	13.10	14.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.00	13.13	13.08	14.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.00	13.05	12.93	14.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.96	13.12	12.94	14.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.03	13.15	13.02	14.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.80	13.03	12.92	14.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.94	13.18	13.16	14.0	0.0

Part27O n77 PC2 Main PA Ant3 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.80	15.91	15.67	17.0	0.0
100	PI/2 BPSK	1	137	15.76	15.79	15.69		
100	PI/2 BPSK	1	271	15.66	15.96	15.58		
100	PI/2 BPSK	135	0	15.67	15.84	15.71	17.0	0.0
100	PI/2 BPSK	135	69	15.79	15.96	15.76	17.0	0.0
100	PI/2 BPSK	135	138	15.67	15.82	15.72	17.0	0.0
100	PI/2 BPSK	270	0	15.66	15.95	15.59		
100	QPSK	1	1	15.67	15.97	15.83	17.0	0.0
100	QPSK	1	137	15.66	15.90	15.78		
100	QPSK	1	271	15.77	15.84	15.76		
100	QPSK	135	0	15.71	15.82	15.74	17.0	0.0
100	QPSK	135	69	15.78	15.89	15.57	17.0	0.0
100	QPSK	135	138	15.74	15.83	15.61	17.0	0.0
100	QPSK	270	0	15.64	15.86	15.79		
100	16QAM	1	1	15.60	15.82	15.70	17.0	0.0
100	64QAM	1	1	15.67	15.75	15.63	17.0	0.0
100	256QAM	1	1	15.79	15.90	15.63	17.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.74	15.86	15.60	17.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.57	15.89	15.79	17.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.60	15.91	15.64	17.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.63	15.89	15.72	17.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.71	15.89	15.71	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.60	15.92	15.63	17.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.65	15.75	15.63	17.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.77	15.86	15.77	17.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.68	15.84	15.57	17.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.61	15.84	15.75	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		12.42		14.0	0.0
100	PI/2 BPSK	1	137		12.45			
100	PI/2 BPSK	1	271		12.48			
100	PI/2 BPSK	135	0		12.49		14.0	0.0
100	PI/2 BPSK	135	69		12.40		14.0	0.0
100	PI/2 BPSK	135	138		12.30		14.0	0.0
100	PI/2 BPSK	270	0		12.39			
100	QPSK	1	1		12.52		14.0	0.0
100	QPSK	1	137		12.29			
100	QPSK	1	271		12.50			
100	QPSK	135	0		12.40		14.0	0.0
100	QPSK	135	69		12.42		14.0	0.0
100	QPSK	135	138		12.32		14.0	0.0
100	QPSK	270	0		12.36			
100	16QAM	1	1		12.46		14.0	0.0
100	64QAM	1	1		12.40		14.0	0.0
100	256QAM	1	1		12.43		14.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	12.33	12.32	12.31	14.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	12.42	12.49	12.33	14.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.38	12.34	12.32	14.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	12.27	12.39	12.44	14.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	12.36	12.31	12.36	14.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.39	12.31	12.39	14.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	12.32	12.40	12.33	14.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	12.43	12.32	12.40	14.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	12.29	12.28	12.40	14.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.32	12.31	12.40	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.49		17.0	0.0
100	PI/2 BPSK	1	137		15.55			
100	PI/2 BPSK	1	271		15.37			
100	PI/2 BPSK	135	0		15.47		17.0	0.0
100	PI/2 BPSK	135	69		15.54		17.0	0.0
100	PI/2 BPSK	135	138		15.42		17.0	0.0
100	PI/2 BPSK	270	0		15.58			
100	QPSK	1	1		15.60		17.0	0.0
100	QPSK	1	137		15.51			
100	QPSK	1	271		15.50			
100	QPSK	135	0		15.42		17.0	0.0
100	QPSK	135	69		15.58		17.0	0.0
100	QPSK	135	138		15.41		17.0	0.0
100	QPSK	270	0		15.56			
100	16QAM	1	1		15.53		17.0	0.0
100	64QAM	1	1		15.40		17.0	0.0
100	256QAM	1	1		15.39		17.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.39	15.48	15.56	17.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.54	15.40	15.55	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.38	15.43	15.44	17.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.56	15.47	15.49	17.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.50	15.46	15.57	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.49	15.57	15.55	17.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.57	15.43	15.44	17.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.40	15.37	15.43	17.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.56	15.46	15.49	17.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.40	15.58	15.41	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.86	17.90	17.99	18.8	0.0
100	PI/2 BPSK	1	137	17.77	17.98	18.07		
100	PI/2 BPSK	1	271	17.71	18.05	18.00		
100	PI/2 BPSK	135	0	17.89	17.93	17.86	18.8	0.0
100	PI/2 BPSK	135	69	17.84	17.99	17.92	18.8	0.0
100	PI/2 BPSK	135	138	17.68	18.03	17.96	18.8	0.0
100	PI/2 BPSK	270	0	17.74	17.90	17.94		
100	QPSK	1	1	17.75	18.08	17.86	18.8	0.0
100	QPSK	1	137	17.83	18.07	17.95		
100	QPSK	1	271	17.74	17.92	17.92		
100	QPSK	135	0	17.86	17.99	17.94	18.8	0.0
100	QPSK	135	69	17.81	18.06	18.02	18.8	0.0
100	QPSK	135	138	17.80	18.04	17.86	18.8	0.0
100	QPSK	270	0	17.78	18.05	17.97		
100	16QAM	1	1	17.80	18.04	17.93	18.8	0.0
100	64QAM	1	1	17.68	17.98	17.89	18.8	0.0
100	256QAM	1	1	17.84	18.06	17.90	18.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.79	17.87	17.85	18.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.87	18.05	17.85	18.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.68	18.00	17.88	18.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.69	17.98	18.00	18.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.75	17.99	17.99	18.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.79	17.94	17.86	18.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.88	18.00	17.98	18.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.87	17.95	17.88	18.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.89	17.93	17.94	18.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.75	18.04	17.89	18.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.76	20.92	20.79	21.8	0.0
100	PI/2 BPSK	1	137	20.68	20.96	20.73		
100	PI/2 BPSK	1	271	20.86	20.92	20.70		
100	PI/2 BPSK	135	0	20.89	20.99	20.70	21.8	0.0
100	PI/2 BPSK	135	69	20.83	20.93	20.66	21.8	0.0
100	PI/2 BPSK	135	138	20.73	21.03	20.82	21.8	0.0
100	PI/2 BPSK	270	0	20.81	20.85	20.74		
100	QPSK	1	1	20.84	21.10	20.86	21.8	0.0
100	QPSK	1	137	20.75	21.08	20.80		
100	QPSK	1	271	20.86	20.88	20.78		
100	QPSK	135	0	20.79	21.02	20.80	21.8	0.0
100	QPSK	135	69	20.90	21.05	20.72	21.8	0.0
100	QPSK	135	138	20.77	20.95	20.60	21.8	0.0
100	QPSK	270	0	20.73	21.03	20.81		
100	16QAM	1	1	20.68	20.99	20.76	21.8	0.0
100	64QAM	1	1	20.81	20.91	20.60	21.8	0.0
100	256QAM	1	1	20.88	20.88	20.61	21.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.89	20.96	20.63	21.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.84	20.93	20.62	21.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.70	20.88	20.65	21.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.87	20.94	20.64	21.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.78	21.02	20.76	21.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.86	20.97	20.62	21.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.77	21.00	20.79	21.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.73	21.03	20.60	21.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.73	21.00	20.63	21.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.85	20.93	20.77	21.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.06		18.8	0.0
100	PI/2 BPSK	1	137		17.86			
100	PI/2 BPSK	1	271		17.98			
100	PI/2 BPSK	135	0		17.99		18.8	0.0
100	PI/2 BPSK	135	69		17.96		18.8	0.0
100	PI/2 BPSK	135	138		17.88		18.8	0.0
100	PI/2 BPSK	270	0		17.91			
100	QPSK	1	1		18.08		18.8	0.0
100	QPSK	1	137		18.05			
100	QPSK	1	271		18.03			
100	QPSK	135	0		17.96		18.8	0.0
100	QPSK	135	69		18.03		18.8	0.0
100	QPSK	135	138		18.01		18.8	0.0
100	QPSK	270	0		18.00			
100	16QAM	1	1		18.01		18.8	0.0
100	64QAM	1	1		18.05		18.8	0.0
100	256QAM	1	1		17.98		18.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.04	17.94	18.02	18.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.87	18.07	17.94	18.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.97	18.02	17.97	18.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.97	18.01	17.90	18.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.93	18.03	17.90	18.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.06	17.95	18.00	18.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.05	18.02	18.02	18.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.86	17.93	17.92	18.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.95	17.92	18.04	18.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.95	18.04	18.04	18.8	0.0

Part27O n78 PC2 Ant5 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.97		21.8	0.0
100	PI/2 BPSK	1	137		20.96			
100	PI/2 BPSK	1	271		21.06			
100	PI/2 BPSK	135	0		20.90		21.8	0.0
100	PI/2 BPSK	135	69		21.00		21.8	0.0
100	PI/2 BPSK	135	138		20.86		21.8	0.0
100	PI/2 BPSK	270	0		21.01			
100	QPSK	1	1		21.08		21.8	0.0
100	QPSK	1	137		20.92			
100	QPSK	1	271		20.87			
100	QPSK	135	0		20.89		21.8	0.0
100	QPSK	135	69		21.06		21.8	0.0
100	QPSK	135	138		20.95		21.8	0.0
100	QPSK	270	0		21.05			
100	16QAM	1	1		21.02		21.8	0.0
100	64QAM	1	1		20.97		21.8	0.0
100	256QAM	1	1		21.02		21.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.95	20.93	20.91	21.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.96	20.88	20.89	21.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.04	20.99	20.87	21.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.91	20.95	21.04	21.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.03	21.00	21.03	21.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.94	20.94	20.97	21.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.03	21.07	20.86	21.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.85	20.92	21.00	21.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.96	20.96	20.99	21.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.89	21.05	20.96	21.8	0.0

Full&Default Power Mode Other PA

n2 Other PA Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.44	23.56	23.54	25.0	0.0
20	PI/2 BPSK	1	53	23.48	23.60	23.52		
20	PI/2 BPSK	1	104	23.50	23.54	23.36		
20	PI/2 BPSK	50	0	23.76	23.91	23.78	25.0	0.0
20	PI/2 BPSK	50	28	23.89	23.93	23.77	25.0	0.0
20	PI/2 BPSK	50	56	23.69	23.87	23.73	25.0	0.0
20	PI/2 BPSK	100	0	23.79	23.96	23.96		
20	QPSK	1	1	23.98	24.04	23.95	25.0	0.0
20	QPSK	1	53	23.98	23.99	23.89		
20	QPSK	1	104	23.90	23.95	23.74		
20	QPSK	50	0	23.82	23.92	23.80	25.0	0.0
20	QPSK	50	28	23.87	23.95	23.82	25.0	0.0
20	QPSK	50	56	23.86	23.92	23.72	25.0	0.0
20	QPSK	100	0	23.85	23.94	23.87		
20	16QAM	1	1	23.71	23.87	23.83	25.0	0.0
20	64QAM	1	1	22.54	22.57	22.38	24.0	1.0
20	256QAM	1	1	20.75	20.94	20.89	22.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.90	24.00	23.91	25.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.94	23.94	23.91	25.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.76	23.84	23.80	25.0	0.0

n7 Other PA Ant0

BW [MHz]	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	PI/2 BPSK	1	1	23.87	24.01	23.95	25.0	0.0
40	PI/2 BPSK	1	108	24.05	24.04	23.99		
40	PI/2 BPSK	1	214	23.92	23.95	23.78		
40	PI/2 BPSK	108	0	23.85	24.02	24.02	25.0	0.0
40	PI/2 BPSK	108	54	23.92	24.03	23.81	25.0	0.0
40	PI/2 BPSK	108	108	23.86	24.03	23.94	25.0	0.0
40	PI/2 BPSK	216	0	23.99	24.02	23.98		
40	QPSK	1	1	23.86	24.09	24.02	25.0	0.0
40	QPSK	1	108	23.82	24.00	23.95		
40	QPSK	1	214	23.95	23.97	23.86		
40	QPSK	108	0	24.00	24.00	23.96	25.0	0.0
40	QPSK	108	54	23.97	24.05	24.00	25.0	0.0
40	QPSK	108	108	23.88	23.98	23.89	25.0	0.0
40	QPSK	216	0	23.98	24.07	24.02		
40	16QAM	1	1	23.86	24.00	23.83	25.0	0.0
40	64QAM	1	1	22.52	22.53	22.31	24.0	1.0
40	256QAM	1	1	20.57	20.74	20.66	22.0	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.88	23.99	23.98	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.86	24.06	23.82	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.71	23.87	23.86	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.84	23.87	23.86	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.87	24.07	23.88	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.85	24.08	23.91	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	PI/2 BPSK	1	1	23.37	23.51	23.37	25.0	0.0
40	PI/2 BPSK	1	108	23.15	23.29	23.31		
40	PI/2 BPSK	1	214	23.39	23.38	23.22		
40	PI/2 BPSK	108	0	23.29	23.40	23.29	25.0	0.0
40	PI/2 BPSK	108	54	23.29	23.30	23.19	25.0	0.0
40	PI/2 BPSK	108	108	23.22	23.41	23.41	25.0	0.0
40	PI/2 BPSK	216	0	23.27	23.33	23.18		
40	QPSK	1	1	23.54	23.60	23.51	25.0	0.0
40	QPSK	1	108	23.20	23.32	23.28		
40	QPSK	1	214	23.34	23.49	23.33		
40	QPSK	108	0	23.33	23.43	23.23	25.0	0.0
40	QPSK	108	54	23.52	23.58	23.52	25.0	0.0
40	QPSK	108	108	23.43	23.41	23.32	25.0	0.0
40	QPSK	216	0	23.47	23.51	23.50		
40	16QAM	1	1	23.37	23.58	23.39	25.0	0.0
40	64QAM	1	1	22.04	22.18	22.05	24.0	1.0
40	256QAM	1	1	20.14	20.24	20.16	22.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.56	23.59	23.37	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.35	23.42	23.37	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.45	23.42	23.38	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.44	23.45	23.48	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.44	23.56	23.33	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.63	23.78	23.79	25.0	0.0
40	PI/2 BPSK	1	53	23.73	23.73	23.71		
40	PI/2 BPSK	1	104	23.59	23.66	23.57		
40	PI/2 BPSK	50	0	23.23	23.32	23.24	24.5	0.5
40	PI/2 BPSK	50	28	23.69	23.73	23.62	25.0	0.0
40	PI/2 BPSK	50	56	23.65	23.76	23.62	24.5	0.5
40	PI/2 BPSK	100	0	23.34	23.36	23.33		
40	QPSK	1	1	23.76	23.82	23.79	25.0	0.0
40	QPSK	1	53	23.68	23.80	23.72		
40	QPSK	1	104	23.64	23.63	23.45		
40	QPSK	50	0	23.10	23.32	23.32	24.0	1.0
40	QPSK	50	28	23.65	23.74	23.67	25.0	0.0
40	QPSK	50	56	23.57	23.72	23.66	24.0	1.0
40	QPSK	100	0	22.71	22.73	22.66		
40	16QAM	1	1	22.60	22.74	22.52	24.0	1.0
40	64QAM	1	1	21.08	21.23	21.06	22.5	2.5
40	256QAM	1	1	19.19	19.41	19.37	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.71	23.81	23.58	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.77	23.67	23.80	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.64	23.77	23.74	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.61	23.66	23.59	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	PI/2 BPSK	1	1	23.84	23.83	23.68	25.0	0.0
100	PI/2 BPSK	1	137	23.49	23.64	23.44		
100	PI/2 BPSK	1	271	23.47	23.51	23.51		
100	PI/2 BPSK	135	0	23.62	23.72	23.74	25.0	0.0
100	PI/2 BPSK	135	69	23.53	23.61	23.43	25.0	0.0
100	PI/2 BPSK	135	138	23.43	23.47	23.39	25.0	0.0
100	PI/2 BPSK	270	0	23.42	23.56	23.51		
100	QPSK	1	1	23.44	23.96	23.53	25.0	0.0
100	QPSK	1	137	23.49	23.57	23.49		
100	QPSK	1	271	23.48	23.50	23.38		
100	QPSK	135	0	23.61	23.71	23.64	25.0	0.0
100	QPSK	135	69	23.63	23.75	23.61	25.0	0.0
100	QPSK	135	138	23.44	23.42	23.41	25.0	0.0
100	QPSK	270	0	23.52	23.57	23.55		
100	16QAM	1	1	23.69	23.76	23.57	25.0	0.0
100	64QAM	1	1	22.82	23.00	22.93	24.0	1.0
100	256QAM	1	1	21.09	21.21	21.10	22.0	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.42	23.80	23.37	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.36	23.81	23.32	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.36	23.78	23.52	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.42	23.85	23.37	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.27	23.88	23.39	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.41	23.77	23.37	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.44	23.93	23.51	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.28	23.87	23.54	25.0	0.0

n2 Other PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.60	23.58	23.41	25.0	0.0
20	PI/2 BPSK	1	53	23.50	23.53	23.40		
20	PI/2 BPSK	1	104	23.33	23.52	23.51		
20	PI/2 BPSK	50	0	23.31	23.43	23.27	25.0	0.0
20	PI/2 BPSK	50	28	23.23	23.41	23.25	25.0	0.0
20	PI/2 BPSK	50	56	23.23	23.42	23.35	25.0	0.0
20	PI/2 BPSK	100	0	23.51	23.53	23.35		
20	QPSK	1	1	23.64	23.66	23.58	25.0	0.0
20	QPSK	1	53	23.47	23.61	23.50		
20	QPSK	1	104	23.56	23.58	23.52		
20	QPSK	50	0	23.36	23.51	23.48	25.0	0.0
20	QPSK	50	28	23.54	23.59	23.57	25.0	0.0
20	QPSK	50	56	23.41	23.45	23.40	25.0	0.0
20	QPSK	100	0	23.47	23.55	23.54		
20	16QAM	1	1	23.60	23.61	23.44	25.0	0.0
20	64QAM	1	1	22.17	22.23	22.07	24.0	1.0
20	256QAM	1	1	20.09	20.25	20.05	22.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.63	23.50	23.42	25.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.53	23.53	23.54	25.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.50	23.58	23.39	25.0	0.0

n7 Other PA Ant1

BW [MHz]	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	PI/2 BPSK	1	1	23.23	23.30	23.21	24.0	0.0
40	PI/2 BPSK	1	108	23.21	23.39	23.38		
40	PI/2 BPSK	1	214	23.21	23.25	23.13		
40	PI/2 BPSK	108	0	23.15	23.22	23.14	24.0	0.0
40	PI/2 BPSK	108	54	23.13	23.28	23.16	24.0	0.0
40	PI/2 BPSK	108	108	23.25	23.26	23.14	24.0	0.0
40	PI/2 BPSK	216	0	23.21	23.28	23.22		
40	QPSK	1	1	23.37	23.45	23.36	24.0	0.0
40	QPSK	1	108	23.21	23.33	23.31		
40	QPSK	1	214	23.22	23.34	23.18		
40	QPSK	108	0	23.14	23.33	23.21	24.0	0.0
40	QPSK	108	54	23.35	23.37	23.36	24.0	0.0
40	QPSK	108	108	23.21	23.34	23.34	24.0	0.0
40	QPSK	216	0	23.30	23.32	23.28		
40	16QAM	1	1	23.07	23.25	23.08	24.0	0.0
40	64QAM	1	1	22.32	22.35	22.15	23.0	1.0
40	256QAM	1	1	20.08	20.07	20.04	21.0	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.23	23.37	23.19	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.32	23.31	23.31	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.20	23.26	23.34	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.33	23.43	23.27	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.30	23.32	23.30	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.20	23.31	23.21	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.86	22.97	22.96	24.0	0.0
40	PI/2 BPSK	1	108	22.75	22.85	22.72		
40	PI/2 BPSK	1	214	22.75	22.90	22.88		
40	PI/2 BPSK	108	0	22.81	22.87	22.69	24.0	0.0
40	PI/2 BPSK	108	54	22.79	22.83	22.76	24.0	0.0
40	PI/2 BPSK	108	108	22.75	22.87	22.88	24.0	0.0
40	PI/2 BPSK	216	0	22.78	22.96	22.84		
40	QPSK	1	1	22.98	23.01	22.93	24.0	0.0
40	QPSK	1	108	22.71	22.79	22.78		
40	QPSK	1	214	22.78	22.95	22.95		
40	QPSK	108	0	22.79	22.84	22.64	24.0	0.0
40	QPSK	108	54	22.81	22.97	22.83	24.0	0.0
40	QPSK	108	108	22.75	22.87	22.78	24.0	0.0
40	QPSK	216	0	22.91	22.99	22.96		
40	16QAM	1	1	22.79	22.87	22.82	24.0	0.0
40	64QAM	1	1	21.65	21.70	21.49	23.0	1.0
40	256QAM	1	1	19.59	19.77	19.56	21.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.00	22.88	22.83	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.86	22.94	22.89	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.78	22.98	22.76	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.77	22.84	22.83	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.83	22.84	22.93	24.0	0.0

n38 Other PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.99	22.99	22.93	24.0	0.0
40	PI/2 BPSK	1	53	22.97	23.02	23.02		
40	PI/2 BPSK	1	104	23.10	23.15	23.07		
40	PI/2 BPSK	50	0	22.42	22.59	22.55	23.5	0.5
40	PI/2 BPSK	50	28	22.85	22.95	22.91	24.0	0.0
40	PI/2 BPSK	50	56	22.48	22.65	22.59	23.5	0.5
40	PI/2 BPSK	100	0	22.54	22.58	22.49		
40	QPSK	1	1	23.14	23.17	23.02	24.0	0.0
40	QPSK	1	53	22.85	22.96	22.96		
40	QPSK	1	104	22.97	23.04	22.96		
40	QPSK	50	0	21.94	22.12	22.13	23.0	1.0
40	QPSK	50	28	22.87	22.96	22.91	24.0	0.0
40	QPSK	50	56	21.98	22.07	21.90	23.0	1.0
40	QPSK	100	0	22.01	22.11	22.08		
40	16QAM	1	1	22.35	22.36	22.17	23.0	1.0
40	64QAM	1	1	20.18	20.29	20.15	21.5	2.5
40	256QAM	1	1	18.31	18.33	18.28	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.05	23.11	23.00	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.94	23.08	23.01	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.01	23.16	22.84	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.93	23.01	23.02	24.0	0.0

n41 Other PA Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.10	23.13	22.92	24.0	0.0
100	PI/2 BPSK	1	137	22.86	23.07	22.95		
100	PI/2 BPSK	1	271	22.83	23.04	22.91		
100	PI/2 BPSK	135	0	22.98	23.06	23.00	24.0	0.0
100	PI/2 BPSK	135	69	22.85	23.02	22.91	24.0	0.0
100	PI/2 BPSK	135	138	22.97	22.97	22.90	24.0	0.0
100	PI/2 BPSK	270	0	22.89	23.00	22.84		
100	QPSK	1	1	23.01	23.24	23.06	24.0	0.0
100	QPSK	1	137	23.06	23.18	23.01		
100	QPSK	1	271	22.79	23.00	22.89		
100	QPSK	135	0	22.79	22.98	22.80	24.0	0.0
100	QPSK	135	69	22.95	23.03	22.91	24.0	0.0
100	QPSK	135	138	22.74	22.88	22.73	24.0	0.0
100	QPSK	270	0	22.87	23.01	22.89		
100	16QAM	1	1	22.92	23.00	22.98	24.0	0.0
100	64QAM	1	1	22.02	22.08	21.92	23.0	1.0
100	256QAM	1	1	19.88	20.04	20.01	21.0	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.02	23.08	22.91	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.86	23.23	23.07	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.83	23.06	23.08	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.82	23.20	22.93	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.84	23.15	22.88	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.90	23.08	22.92	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.87	23.08	22.84	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.89	23.08	22.94	24.0	0.0

n2 Other PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.23	21.37	21.21	23.0	0.0
20	PI/2 BPSK	1	53	21.17	21.25	21.14		
20	PI/2 BPSK	1	104	21.13	21.21	21.09		
20	PI/2 BPSK	50	0	21.03	21.21	21.06	23.0	0.0
20	PI/2 BPSK	50	28	21.09	21.22	21.21	23.0	0.0
20	PI/2 BPSK	50	56	21.07	21.21	21.22	23.0	0.0
20	PI/2 BPSK	100	0	21.19	21.25	21.10		
20	QPSK	1	1	21.37	21.40	21.31	23.0	0.0
20	QPSK	1	53	21.22	21.23	21.04		
20	QPSK	1	104	21.02	21.19	21.11		
20	QPSK	50	0	21.12	21.31	21.30	23.0	0.0
20	QPSK	50	28	21.23	21.32	21.24	23.0	0.0
20	QPSK	50	56	21.19	21.19	21.01	23.0	0.0
20	QPSK	100	0	21.13	21.27	21.21		
20	16QAM	1	1	21.26	21.36	21.25	23.0	0.0
20	64QAM	1	1	20.09	20.01	20.08	22.0	1.0
20	256QAM	1	1	18.34	18.36	18.37	20.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.20	21.27	21.13	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.26	21.39	21.14	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.16	21.33	21.24	23.0	0.0

n7 Other PA Ant2

BW [MHz]	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	PI/2 BPSK	1	1	22.25	22.40	22.25	24.0	0.0
40	PI/2 BPSK	1	108	22.45	22.45	22.32		
40	PI/2 BPSK	1	214	22.25	22.42	22.24		
40	PI/2 BPSK	108	0	22.21	22.38	22.35	24.0	0.0
40	PI/2 BPSK	108	54	22.34	22.37	22.23	24.0	0.0
40	PI/2 BPSK	108	108	22.26	22.25	22.14	24.0	0.0
40	PI/2 BPSK	216	0	22.43	22.46	22.46		
40	QPSK	1	1	22.38	22.65	22.58	24.0	0.0
40	QPSK	1	108	22.42	22.61	22.53		
40	QPSK	1	214	22.38	22.60	22.51		
40	QPSK	108	0	22.28	22.34	22.30	24.0	0.0
40	QPSK	108	54	22.31	22.48	22.32	24.0	0.0
40	QPSK	108	108	22.34	22.45	22.28	24.0	0.0
40	QPSK	216	0	22.33	22.50	22.42		
40	16QAM	1	1	22.06	22.12	22.08	24.0	0.0
40	64QAM	1	1	21.10	21.14	21.14	23.0	1.0
40	256QAM	1	1	19.21	19.33	19.15	21.0	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.36	22.52	22.47	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.40	22.56	22.38	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.26	22.44	22.38	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.18	22.43	22.48	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.20	22.50	22.57	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.19	22.63	22.49	24.0	0.0

n66 Other PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.12	21.18	21.11	23.0	0.0
40	PI/2 BPSK	1	108	21.03	21.19	21.04		
40	PI/2 BPSK	1	214	21.08	21.15	21.04		
40	PI/2 BPSK	108	0	21.11	21.13	21.07	23.0	0.0
40	PI/2 BPSK	108	54	21.01	21.13	21.06	23.0	0.0
40	PI/2 BPSK	108	108	21.03	21.15	21.08	23.0	0.0
40	PI/2 BPSK	216	0	21.06	21.13	21.08		
40	QPSK	1	1	21.17	21.23	21.13	23.0	0.0
40	QPSK	1	108	21.10	21.14	21.12		
40	QPSK	1	214	21.22	21.22	21.03		
40	QPSK	108	0	21.03	21.15	21.06	23.0	0.0
40	QPSK	108	54	21.15	21.17	21.16	23.0	0.0
40	QPSK	108	108	21.10	21.14	21.08	23.0	0.0
40	QPSK	216	0	21.13	21.15	21.14		
40	16QAM	1	1	21.13	21.16	21.04	23.0	0.0
40	64QAM	1	1	20.25	20.24	20.05	22.0	1.0
40	256QAM	1	1	18.02	18.23	18.12	20.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.11	21.21	21.10	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.14	21.18	21.01	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.07	21.21	21.13	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.14	21.08	21.08	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.02	21.12	21.05	23.0	0.0

n38 Other PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.48	22.50	22.50	24.0	0.0
40	PI/2 BPSK	1	53	22.40	22.46	22.39		
40	PI/2 BPSK	1	104	22.51	22.55	22.54		
40	PI/2 BPSK	50	0	22.03	22.15	22.12	23.5	0.5
40	PI/2 BPSK	50	28	22.34	22.52	22.41	24.0	0.0
40	PI/2 BPSK	50	56	22.18	22.17	22.06	23.5	0.5
40	PI/2 BPSK	100	0	21.86	22.08	22.06		
40	QPSK	1	1	22.55	22.63	22.58	24.0	0.0
40	QPSK	1	53	22.33	22.45	22.23		
40	QPSK	1	104	22.61	22.62	22.42		
40	QPSK	50	0	21.52	21.51	21.52	23.0	1.0
40	QPSK	50	28	22.53	22.59	22.57	24.0	0.0
40	QPSK	50	56	21.46	21.61	21.61	23.0	1.0
40	QPSK	100	0	21.47	21.52	21.44		
40	16QAM	1	1	21.26	21.32	21.25	23.0	1.0
40	64QAM	1	1	20.19	20.25	20.06	21.5	2.5
40	256QAM	1	1	18.24	18.23	18.02	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.46	22.53	22.54	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.56	22.51	22.44	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.40	22.57	22.50	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.34	22.47	22.59	24.0	0.0

n41 Other PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.81	22.88	22.84	24.0	0.0
100	PI/2 BPSK	1	137	22.96	22.98	22.81		
100	PI/2 BPSK	1	271	22.76	22.78	22.70		
100	PI/2 BPSK	135	0	22.82	22.98	22.84	24.0	0.0
100	PI/2 BPSK	135	69	22.69	22.91	22.89	24.0	0.0
100	PI/2 BPSK	135	138	22.57	22.71	22.60	24.0	0.0
100	PI/2 BPSK	270	0	22.88	22.87	22.66		
100	QPSK	1	1	22.48	23.00	22.85	24.0	0.0
100	QPSK	1	137	22.76	22.81	22.74		
100	QPSK	1	271	22.55	22.65	22.45		
100	QPSK	135	0	22.74	22.86	22.74	24.0	0.0
100	QPSK	135	69	22.82	22.92	22.87	24.0	0.0
100	QPSK	135	138	22.78	22.77	22.58	24.0	0.0
100	QPSK	270	0	22.75	22.82	22.76		
100	16QAM	1	1	22.74	22.91	22.78	24.0	0.0
100	64QAM	1	1	22.07	22.21	22.01	23.0	1.0
100	256QAM	1	1	20.40	20.59	20.60	21.0	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.44	22.87	22.74	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.42	22.88	22.85	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.41	22.93	22.69	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.31	22.91	22.86	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.46	22.92	22.87	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.31	22.84	22.72	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.39	22.83	22.83	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.40	22.91	22.75	24.0	0.0

n2 Other PA Ant3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.13	22.30	22.19	23.0	0.0
20	PI/2 BPSK	1	53	22.17	22.25	22.11		
20	PI/2 BPSK	1	104	22.22	22.22	22.09		
20	PI/2 BPSK	50	0	22.12	22.24	22.09	23.0	0.0
20	PI/2 BPSK	50	28	22.06	22.28	22.29	23.0	0.0
20	PI/2 BPSK	50	56	22.24	22.23	22.03	23.0	0.0
20	PI/2 BPSK	100	0	22.06	22.26	22.27		
20	QPSK	1	1	22.36	22.41	22.35	23.0	0.0
20	QPSK	1	53	22.24	22.31	22.28		
20	QPSK	1	104	22.20	22.33	22.32		
20	QPSK	50	0	22.25	22.29	22.19	23.0	0.0
20	QPSK	50	28	22.25	22.32	22.18	23.0	0.0
20	QPSK	50	56	22.08	22.25	22.22	23.0	0.0
20	QPSK	100	0	22.21	22.29	22.19		
20	16QAM	1	1	22.21	22.23	22.10	23.0	0.0
20	64QAM	1	1	20.88	20.94	20.78	22.0	1.0
20	256QAM	1	1	19.23	19.29	19.12	20.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.17	22.31	22.19	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.23	22.33	22.36	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.17	22.37	22.19	23.0	0.0

n7 Other PA Ant3

BW [MHz]	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	PI/2 BPSK	1	1	22.93	23.15	23.03	24.0	0.0
40	PI/2 BPSK	1	108	22.99	23.17	23.04		
40	PI/2 BPSK	1	214	23.00	23.17	23.03		
40	PI/2 BPSK	108	0	23.01	23.14	23.07	24.0	0.0
40	PI/2 BPSK	108	54	23.07	23.17	22.99	24.0	0.0
40	PI/2 BPSK	108	108	23.11	23.14	23.10	24.0	0.0
40	PI/2 BPSK	216	0	22.95	23.12	22.91		
40	QPSK	1	1	23.16	23.20	23.18	24.0	0.0
40	QPSK	1	108	23.03	23.11	23.05		
40	QPSK	1	214	22.93	23.09	22.98		
40	QPSK	108	0	23.14	23.16	23.09	24.0	0.0
40	QPSK	108	54	23.12	23.18	23.10	24.0	0.0
40	QPSK	108	108	23.09	23.13	23.10	24.0	0.0
40	QPSK	216	0	23.00	23.12	23.03		
40	16QAM	1	1	22.96	23.12	23.04	24.0	0.0
40	64QAM	1	1	21.74	21.81	21.77	23.0	1.0
40	256QAM	1	1	20.14	20.14	19.93	21.0	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.12	23.00	23.04	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.03	23.04	22.98	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.00	23.01	23.19	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.01	23.14	23.10	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.12	23.00	22.99	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.17	23.01	22.97	24.0	0.0

n66 Other PA Ant3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.01	22.14	22.10	23.0	0.0
40	PI/2 BPSK	1	108	21.96	22.02	21.97		
40	PI/2 BPSK	1	214	21.82	22.01	21.81		
40	PI/2 BPSK	108	0	22.09	22.12	22.14	23.0	0.0
40	PI/2 BPSK	108	54	22.05	22.06	21.88	23.0	0.0
40	PI/2 BPSK	108	108	21.87	22.05	22.00	23.0	0.0
40	PI/2 BPSK	216	0	21.96	22.08	22.09		
40	QPSK	1	1	22.04	22.18	22.01	23.0	0.0
40	QPSK	1	108	21.83	21.90	21.71		
40	QPSK	1	214	21.86	22.03	21.86		
40	QPSK	108	0	21.90	22.11	21.97	23.0	0.0
40	QPSK	108	54	21.81	21.98	21.93	23.0	0.0
40	QPSK	108	108	21.85	22.07	21.95	23.0	0.0
40	QPSK	216	0	21.97	22.13	21.91		
40	16QAM	1	1	21.60	21.78	21.69	23.0	0.0
40	64QAM	1	1	20.67	20.69	20.63	22.0	1.0
40	256QAM	1	1	19.00	18.99	19.00	20.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.95	22.04	22.02	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.06	22.15	21.81	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.97	22.00	22.02	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.92	22.08	21.97	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.86	22.11	21.99	23.0	0.0

n38 Other PA Ant3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.91	23.08	22.99	24.0	0.0
40	PI/2 BPSK	1	53	22.87	23.04	22.89		
40	PI/2 BPSK	1	104	22.96	23.10	23.05		
40	PI/2 BPSK	50	0	22.52	22.57	22.45	23.5	0.5
40	PI/2 BPSK	50	28	22.88	23.02	22.93	24.0	0.0
40	PI/2 BPSK	50	56	22.35	22.55	22.53	23.5	0.5
40	PI/2 BPSK	100	0	22.59	22.65	22.63		
40	QPSK	1	1	23.14	23.18	23.16	24.0	0.0
40	QPSK	1	53	22.91	22.99	22.80		
40	QPSK	1	104	23.03	23.10	23.11		
40	QPSK	50	0	22.04	22.12	22.11	23.0	1.0
40	QPSK	50	28	23.00	23.01	22.99	24.0	0.0
40	QPSK	50	56	21.88	22.04	21.82	23.0	1.0
40	QPSK	100	0	22.02	22.15	22.14		
40	16QAM	1	1	21.91	21.93	21.71	23.0	1.0
40	64QAM	1	1	20.41	20.58	20.47	21.5	2.5
40	256QAM	1	1	18.47	18.64	18.43	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.97	23.00	23.09	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.06	23.11	23.09	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.94	23.03	22.95	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.14	23.15	22.97	24.0	0.0

n41 Other PA Ant3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.99	23.10	23.11	24.0	0.0
100	PI/2 BPSK	1	137	22.73	22.92	22.92		
100	PI/2 BPSK	1	271	22.75	22.87	22.88		
100	PI/2 BPSK	135	0	23.02	23.08	22.91	24.0	0.0
100	PI/2 BPSK	135	69	22.82	22.94	22.89	24.0	0.0
100	PI/2 BPSK	135	138	22.64	22.84	22.75	24.0	0.0
100	PI/2 BPSK	270	0	22.95	22.93	22.77		
100	QPSK	1	1	22.91	23.16	23.12	24.0	0.0
100	QPSK	1	137	22.79	22.88	22.74		
100	QPSK	1	271	22.80	22.89	22.90		
100	QPSK	135	0	22.81	22.96	22.94	24.0	0.0
100	QPSK	135	69	23.08	23.14	23.03	24.0	0.0
100	QPSK	135	138	22.77	22.77	22.70	24.0	0.0
100	QPSK	270	0	23.07	23.10	23.04		
100	16QAM	1	1	23.08	23.14	23.09	24.0	0.0
100	64QAM	1	1	22.39	22.45	22.32	23.0	1.0
100	256QAM	1	1	20.53	20.66	20.51	21.0	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.80	23.10	23.06	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.81	23.15	22.98	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.76	23.08	22.92	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.76	23.14	23.06	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.86	23.12	22.96	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.81	23.00	23.03	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.88	23.02	22.92	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.93	23.06	22.96	24.0	0.0

Reduced Power Mode for Other PA DSI2

n2 Other PA Ant0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.44	23.56	23.54	25.0	0.0
20	PI/2 BPSK	1	53	23.48	23.60	23.52		
20	PI/2 BPSK	1	104	23.50	23.54	23.36		
20	PI/2 BPSK	50	0	23.76	23.91	23.78	25.0	0.0
20	PI/2 BPSK	50	28	23.89	23.93	23.77	25.0	0.0
20	PI/2 BPSK	50	56	23.69	23.87	23.73	25.0	0.0
20	PI/2 BPSK	100	0	23.79	23.96	23.96		
20	QPSK	1	1	23.98	24.04	23.95	25.0	0.0
20	QPSK	1	53	23.98	23.99	23.89		
20	QPSK	1	104	23.90	23.95	23.74		
20	QPSK	50	0	23.82	23.92	23.80	25.0	0.0
20	QPSK	50	28	23.87	23.95	23.82	25.0	0.0
20	QPSK	50	56	23.86	23.92	23.72	25.0	0.0
20	QPSK	100	0	23.85	23.94	23.87		
20	16QAM	1	1	23.71	23.87	23.83	25.0	0.0
20	64QAM	1	1	22.54	22.57	22.38	24.0	1.0
20	256QAM	1	1	20.75	20.94	20.89	22.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.90	24.00	23.91	25.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.94	23.94	23.91	25.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.76	23.84	23.80	25.0	0.0

n7 Other PA Ant0 DSI2

BW [MHz]	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	PI/2 BPSK	1	1	23.87	24.01	23.95	25.0	0.0
40	PI/2 BPSK	1	108	24.05	24.04	23.99		
40	PI/2 BPSK	1	214	23.92	23.95	23.78		
40	PI/2 BPSK	108	0	23.85	24.02	24.02	25.0	0.0
40	PI/2 BPSK	108	54	23.92	24.03	23.81	25.0	0.0
40	PI/2 BPSK	108	108	23.86	24.03	23.94	25.0	0.0
40	PI/2 BPSK	216	0	23.99	24.02	23.98		
40	QPSK	1	1	23.86	24.09	24.02	25.0	0.0
40	QPSK	1	108	23.82	24.00	23.95		
40	QPSK	1	214	23.95	23.97	23.86		
40	QPSK	108	0	24.00	24.00	23.96	25.0	0.0
40	QPSK	108	54	23.97	24.05	24.00	25.0	0.0
40	QPSK	108	108	23.88	23.98	23.89	25.0	0.0
40	QPSK	216	0	23.98	24.07	24.02		
40	16QAM	1	1	23.86	24.00	23.83	25.0	0.0
40	64QAM	1	1	22.52	22.53	22.31	24.0	1.0
40	256QAM	1	1	20.57	20.74	20.66	22.0	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.88	23.99	23.98	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.86	24.06	23.82	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.71	23.87	23.86	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.84	23.87	23.86	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.87	24.07	23.88	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.85	24.08	23.91	25.0	0.0

n66 Other PA Ant0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.37	23.51	23.37	25.0	0.0
40	PI/2 BPSK	1	108	23.15	23.29	23.31		
40	PI/2 BPSK	1	214	23.39	23.38	23.22		
40	PI/2 BPSK	108	0	23.29	23.40	23.29	25.0	0.0
40	PI/2 BPSK	108	54	23.29	23.30	23.19	25.0	0.0
40	PI/2 BPSK	108	108	23.22	23.41	23.41	25.0	0.0
40	PI/2 BPSK	216	0	23.27	23.33	23.18		
40	QPSK	1	1	23.54	23.60	23.51	25.0	0.0
40	QPSK	1	108	23.20	23.32	23.28		
40	QPSK	1	214	23.34	23.49	23.33		
40	QPSK	108	0	23.33	23.43	23.23	25.0	0.0
40	QPSK	108	54	23.52	23.58	23.52	25.0	0.0
40	QPSK	108	108	23.43	23.41	23.32	25.0	0.0
40	QPSK	216	0	23.47	23.51	23.50		
40	16QAM	1	1	23.37	23.58	23.39	25.0	0.0
40	64QAM	1	1	22.04	22.18	22.05	24.0	1.0
40	256QAM	1	1	20.14	20.24	20.16	22.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.56	23.59	23.37	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.35	23.42	23.37	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.45	23.42	23.38	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.44	23.45	23.48	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.44	23.56	23.33	25.0	0.0

n38 Other PA Ant0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.63	23.78	23.79	25.0	0.0
40	PI/2 BPSK	1	53	23.73	23.73	23.71		
40	PI/2 BPSK	1	104	23.59	23.66	23.57		
40	PI/2 BPSK	50	0	23.23	23.32	23.24	24.5	0.5
40	PI/2 BPSK	50	28	23.69	23.73	23.62	25.0	0.0
40	PI/2 BPSK	50	56	23.65	23.76	23.62	24.5	0.5
40	PI/2 BPSK	100	0	23.34	23.36	23.33		
40	QPSK	1	1	23.76	23.82	23.79	25.0	0.0
40	QPSK	1	53	23.68	23.80	23.72		
40	QPSK	1	104	23.64	23.63	23.45		
40	QPSK	50	0	23.10	23.32	23.32	24.0	1.0
40	QPSK	50	28	23.65	23.74	23.67	25.0	0.0
40	QPSK	50	56	23.57	23.72	23.66	24.0	1.0
40	QPSK	100	0	22.71	22.73	22.66		
40	16QAM	1	1	22.60	22.74	22.52	24.0	1.0
40	64QAM	1	1	21.08	21.23	21.06	22.5	2.5
40	256QAM	1	1	19.19	19.41	19.37	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.71	23.81	23.58	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.77	23.67	23.80	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.64	23.77	23.74	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.61	23.66	23.59	25.0	0.0

n41 Other PA Ant0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.84	23.83	23.68	25.0	0.0
100	PI/2 BPSK	1	137	23.49	23.64	23.44		
100	PI/2 BPSK	1	271	23.47	23.51	23.51		
100	PI/2 BPSK	135	0	23.62	23.72	23.74	25.0	0.0
100	PI/2 BPSK	135	69	23.53	23.61	23.43	25.0	0.0
100	PI/2 BPSK	135	138	23.43	23.47	23.39	25.0	0.0
100	PI/2 BPSK	270	0	23.42	23.56	23.51		
100	QPSK	1	1	23.44	23.96	23.53	25.0	0.0
100	QPSK	1	137	23.49	23.57	23.49		
100	QPSK	1	271	23.48	23.50	23.38		
100	QPSK	135	0	23.61	23.71	23.64	25.0	0.0
100	QPSK	135	69	23.63	23.75	23.61	25.0	0.0
100	QPSK	135	138	23.44	23.42	23.41	25.0	0.0
100	QPSK	270	0	23.52	23.57	23.55		
100	16QAM	1	1	23.69	23.76	23.57	25.0	0.0
100	64QAM	1	1	22.82	23.00	22.93	24.0	1.0
100	256QAM	1	1	21.09	21.21	21.10	22.0	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.42	23.80	23.37	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.36	23.81	23.32	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.36	23.78	23.52	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.42	23.85	23.37	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.27	23.88	23.39	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.41	23.77	23.37	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.44	23.93	23.51	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.28	23.87	23.54	25.0	0.0

n2 Other PA Ant1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.06	14.93	14.94	16.1	0.0
20	PI/2 BPSK	1	53	15.00	15.06	14.83		
20	PI/2 BPSK	1	104	14.97	15.04	14.78		
20	PI/2 BPSK	50	0	14.88	14.90	14.84	16.1	0.0
20	PI/2 BPSK	50	28	14.97	14.96	14.78	16.1	0.0
20	PI/2 BPSK	50	56	14.90	15.04	14.99	16.1	0.0
20	PI/2 BPSK	100	0	15.08	15.00	14.82		
20	QPSK	1	1	15.07	15.12	14.98	16.1	0.0
20	QPSK	1	53	15.06	14.97	14.83		
20	QPSK	1	104	14.89	14.93	14.86		
20	QPSK	50	0	14.87	15.03	14.89	16.1	0.0
20	QPSK	50	28	14.86	15.09	14.91	16.1	0.0
20	QPSK	50	56	14.94	15.07	14.83	16.1	0.0
20	QPSK	100	0	14.87	15.08	14.78		
20	16QAM	1	1	14.90	15.08	14.88	16.1	0.0
20	64QAM	1	1	14.98	15.02	15.00	16.1	0.0
20	256QAM	1	1	14.87	15.08	14.82	16.1	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.06	15.01	14.92	16.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.03	15.02	14.95	16.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	14.86	15.06	14.82	16.1	0.0

n7 Other PA Ant1 DSI2

BW [MHz]	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	PI/2 BPSK	1	1	15.54	15.67	15.41	16.9	0.0
40	PI/2 BPSK	1	108	15.59	15.66	15.58		
40	PI/2 BPSK	1	214	15.50	15.55	15.45		
40	PI/2 BPSK	108	0	15.51	15.68	15.42	16.9	0.0
40	PI/2 BPSK	108	54	15.38	15.52	15.58	16.9	0.0
40	PI/2 BPSK	108	108	15.55	15.60	15.57	16.9	0.0
40	PI/2 BPSK	216	0	15.59	15.65	15.56		
40	QPSK	1	1	15.58	15.70	15.57	16.9	0.0
40	QPSK	1	108	15.58	15.65	15.38		
40	QPSK	1	214	15.55	15.68	15.42		
40	QPSK	108	0	15.51	15.66	15.37	16.9	0.0
40	QPSK	108	54	15.53	15.68	15.41	16.9	0.0
40	QPSK	108	108	15.46	15.63	15.40	16.9	0.0
40	QPSK	216	0	15.60	15.65	15.52		
40	16QAM	1	1	15.44	15.65	15.48	16.9	0.0
40	64QAM	1	1	15.37	15.64	15.47	16.9	0.0
40	256QAM	1	1	15.50	15.60	15.45	16.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.54	15.63	15.41	16.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.53	15.54	15.37	16.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.50	15.63	15.44	16.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.46	15.62	15.37	16.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.48	15.66	15.36	16.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.48	15.68	15.56	16.9	0.0

n66 Other PA Ant1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.36	15.49	15.31	16.6	0.0
40	PI/2 BPSK	1	108	15.35	15.52	15.31		
40	PI/2 BPSK	1	214	15.57	15.53	15.31		
40	PI/2 BPSK	108	0	15.45	15.49	15.27	16.6	0.0
40	PI/2 BPSK	108	54	15.52	15.45	15.27	16.6	0.0
40	PI/2 BPSK	108	108	15.38	15.56	15.47	16.6	0.0
40	PI/2 BPSK	216	0	15.42	15.56	15.45		
40	QPSK	1	1	15.55	15.58	15.45	16.6	0.0
40	QPSK	1	108	15.56	15.51	15.28		
40	QPSK	1	214	15.51	15.36	15.35		
40	QPSK	108	0	15.40	15.53	15.33	16.6	0.0
40	QPSK	108	54	15.50	15.55	15.29	16.6	0.0
40	QPSK	108	108	15.52	15.38	15.31	16.6	0.0
40	QPSK	216	0	15.41	15.53	15.38		
40	16QAM	1	1	15.37	15.46	15.29	16.6	0.0
40	64QAM	1	1	15.52	15.38	15.29	16.6	0.0
40	256QAM	1	1	15.36	15.55	15.42	16.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.43	15.56	15.35	16.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.33	15.53	15.43	16.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.44	15.45	15.26	16.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.53	15.50	15.43	16.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.57	15.48	15.42	16.6	0.0

n38 Other PA Ant1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.06	14.96	14.98	16.2	0.0
40	PI/2 BPSK	1	53	14.88	15.06	14.85		
40	PI/2 BPSK	1	104	14.85	15.11	15.00		
40	PI/2 BPSK	50	0	14.92	15.12	14.86	16.2	0.0
40	PI/2 BPSK	50	28	14.97	15.03	14.97	16.2	0.0
40	PI/2 BPSK	50	56	14.90	15.11	14.86	16.2	0.0
40	PI/2 BPSK	100	0	14.97	14.98	14.97		
40	QPSK	1	1	15.05	15.16	15.00	16.2	0.0
40	QPSK	1	53	14.94	14.99	14.98		
40	QPSK	1	104	14.99	15.08	14.87		
40	QPSK	50	0	15.04	14.96	14.80	16.2	0.0
40	QPSK	50	28	14.97	15.10	14.99	16.2	0.0
40	QPSK	50	56	15.04	15.00	14.87	16.2	0.0
40	QPSK	100	0	14.89	15.00	14.80		
40	16QAM	1	1	14.99	15.12	14.82	16.2	0.0
40	64QAM	1	1	14.96	15.15	14.97	16.2	0.0
40	256QAM	1	1	15.02	15.10	14.99	16.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.89	15.07	14.88	16.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.92	14.96	14.88	16.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.96	15.10	14.91	16.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.03	14.98	14.90	16.2	0.0

n41 Other PA Ant1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.70	15.20	14.83	16.2	0.0
100	PI/2 BPSK	1	137	14.86	15.14	14.87		
100	PI/2 BPSK	1	271	14.77	15.16	14.90		
100	PI/2 BPSK	135	0	14.72	15.07	14.83	16.2	0.0
100	PI/2 BPSK	135	69	14.73	15.20	14.97	16.2	0.0
100	PI/2 BPSK	135	138	14.75	15.04	14.96	16.2	0.0
100	PI/2 BPSK	270	0	14.80	15.19	14.80		
100	QPSK	1	1	14.89	15.23	14.99	16.2	0.0
100	QPSK	1	137	14.83	15.02	14.89		
100	QPSK	1	271	14.87	15.11	14.95		
100	QPSK	135	0	14.75	15.14	14.81	16.2	0.0
100	QPSK	135	69	14.80	15.20	14.92	16.2	0.0
100	QPSK	135	138	14.76	15.09	14.97	16.2	0.0
100	QPSK	270	0	14.90	15.18	14.96		
100	16QAM	1	1	14.91	15.20	14.80	16.2	0.0
100	64QAM	1	1	14.71	15.15	15.01	16.2	0.0
100	256QAM	1	1	14.75	15.08	14.93	16.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.86	15.02	14.96	16.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	14.77	15.05	14.80	16.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.86	15.21	15.00	16.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.84	15.19	14.88	16.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.72	15.16	14.78	16.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.87	15.13	14.90	16.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.77	15.22	14.83	16.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.69	15.15	14.95	16.2	0.0

n2 Other PA Ant2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.23	21.37	21.21	23.0	0.0
20	PI/2 BPSK	1	53	21.17	21.25	21.14		
20	PI/2 BPSK	1	104	21.13	21.21	21.09		
20	PI/2 BPSK	50	0	21.03	21.21	21.06	23.0	0.0
20	PI/2 BPSK	50	28	21.09	21.22	21.21	23.0	0.0
20	PI/2 BPSK	50	56	21.07	21.21	21.22	23.0	0.0
20	PI/2 BPSK	100	0	21.19	21.25	21.10		
20	QPSK	1	1	21.37	21.40	21.31	23.0	0.0
20	QPSK	1	53	21.22	21.23	21.04		
20	QPSK	1	104	21.02	21.19	21.11		
20	QPSK	50	0	21.12	21.31	21.30	23.0	0.0
20	QPSK	50	28	21.23	21.32	21.24	23.0	0.0
20	QPSK	50	56	21.19	21.19	21.01	23.0	0.0
20	QPSK	100	0	21.13	21.27	21.21		
20	16QAM	1	1	21.26	21.36	21.25	23.0	0.0
20	64QAM	1	1	20.09	20.01	20.08	22.0	1.0
20	256QAM	1	1	18.34	18.36	18.37	20.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.20	21.27	21.13	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.26	21.39	21.14	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.16	21.33	21.24	23.0	0.0

n7 Other PA Ant2 DSI2

BW [MHz]	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	PI/2 BPSK	1	1	22.25	22.40	22.25	24.0	0.0
40	PI/2 BPSK	1	108	22.45	22.45	22.32		
40	PI/2 BPSK	1	214	22.25	22.42	22.24		
40	PI/2 BPSK	108	0	22.21	22.38	22.35	24.0	0.0
40	PI/2 BPSK	108	54	22.34	22.37	22.23	24.0	0.0
40	PI/2 BPSK	108	108	22.26	22.25	22.14	24.0	0.0
40	PI/2 BPSK	216	0	22.43	22.46	22.46		
40	QPSK	1	1	22.38	22.65	22.58	24.0	0.0
40	QPSK	1	108	22.42	22.61	22.53		
40	QPSK	1	214	22.38	22.60	22.51		
40	QPSK	108	0	22.28	22.34	22.30	24.0	0.0
40	QPSK	108	54	22.31	22.48	22.32	24.0	0.0
40	QPSK	108	108	22.34	22.45	22.28	24.0	0.0
40	QPSK	216	0	22.33	22.50	22.42		
40	16QAM	1	1	22.06	22.12	22.08	24.0	0.0
40	64QAM	1	1	21.10	21.14	21.14	23.0	1.0
40	256QAM	1	1	19.21	19.33	19.15	21.0	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.36	22.52	22.47	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.40	22.56	22.38	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.26	22.44	22.38	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.18	22.43	22.48	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.20	22.50	22.57	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.19	22.63	22.49	24.0	0.0

n66 Other PA Ant2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.12	21.18	21.11	23.0	0.0
40	PI/2 BPSK	1	108	21.03	21.19	21.04		
40	PI/2 BPSK	1	214	21.08	21.15	21.04		
40	PI/2 BPSK	108	0	21.11	21.13	21.07	23.0	0.0
40	PI/2 BPSK	108	54	21.01	21.13	21.06	23.0	0.0
40	PI/2 BPSK	108	108	21.03	21.15	21.08	23.0	0.0
40	PI/2 BPSK	216	0	21.06	21.13	21.08		
40	QPSK	1	1	21.17	21.23	21.13	23.0	0.0
40	QPSK	1	108	21.10	21.14	21.12		
40	QPSK	1	214	21.22	21.22	21.03		
40	QPSK	108	0	21.03	21.15	21.06	23.0	0.0
40	QPSK	108	54	21.15	21.17	21.16	23.0	0.0
40	QPSK	108	108	21.10	21.14	21.08	23.0	0.0
40	QPSK	216	0	21.13	21.15	21.14		
40	16QAM	1	1	21.13	21.16	21.04	23.0	0.0
40	64QAM	1	1	20.25	20.24	20.05	22.0	1.0
40	256QAM	1	1	18.02	18.23	18.12	20.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.11	21.21	21.10	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.14	21.18	21.01	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.07	21.21	21.13	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.14	21.08	21.08	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.02	21.12	21.05	23.0	0.0

n38 Other PA Ant2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.48	22.50	22.50	24.0	0.0
40	PI/2 BPSK	1	53	22.40	22.46	22.39		
40	PI/2 BPSK	1	104	22.51	22.55	22.54		
40	PI/2 BPSK	50	0	22.03	22.15	22.12	23.5	0.5
40	PI/2 BPSK	50	28	22.34	22.52	22.41	24.0	0.0
40	PI/2 BPSK	50	56	22.18	22.17	22.06	23.5	0.5
40	PI/2 BPSK	100	0	21.86	22.08	22.06		
40	QPSK	1	1	22.55	22.63	22.58	24.0	0.0
40	QPSK	1	53	22.33	22.45	22.23		
40	QPSK	1	104	22.61	22.62	22.42		
40	QPSK	50	0	21.52	21.51	21.52	23.0	1.0
40	QPSK	50	28	22.53	22.59	22.57	24.0	0.0
40	QPSK	50	56	21.46	21.61	21.61	23.0	1.0
40	QPSK	100	0	21.47	21.52	21.44		
40	16QAM	1	1	21.26	21.32	21.25	23.0	1.0
40	64QAM	1	1	20.19	20.25	20.06	21.5	2.5
40	256QAM	1	1	18.24	18.23	18.02	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.46	22.53	22.54	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.56	22.51	22.44	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.40	22.57	22.50	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.34	22.47	22.59	24.0	0.0

n41 Other PA Ant2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.81	22.88	22.84	24.0	0.0
100	PI/2 BPSK	1	137	22.96	22.98	22.81		
100	PI/2 BPSK	1	271	22.76	22.78	22.70		
100	PI/2 BPSK	135	0	22.82	22.98	22.84	24.0	0.0
100	PI/2 BPSK	135	69	22.69	22.91	22.89	24.0	0.0
100	PI/2 BPSK	135	138	22.57	22.71	22.60	24.0	0.0
100	PI/2 BPSK	270	0	22.88	22.87	22.66		
100	QPSK	1	1	22.48	23.00	22.85	24.0	0.0
100	QPSK	1	137	22.76	22.81	22.74		
100	QPSK	1	271	22.55	22.65	22.45		
100	QPSK	135	0	22.74	22.86	22.74	24.0	0.0
100	QPSK	135	69	22.82	22.92	22.87	24.0	0.0
100	QPSK	135	138	22.78	22.77	22.58	24.0	0.0
100	QPSK	270	0	22.75	22.82	22.76		
100	16QAM	1	1	22.74	22.91	22.78	24.0	0.0
100	64QAM	1	1	22.07	22.21	22.01	23.0	1.0
100	256QAM	1	1	20.40	20.59	20.60	21.0	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.44	22.87	22.74	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.42	22.88	22.85	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.41	22.93	22.69	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.31	22.91	22.86	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.46	22.92	22.87	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.31	22.84	22.72	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.39	22.83	22.83	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.40	22.91	22.75	24.0	0.0

n2 Other PA Ant3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.23	16.31	16.41	17.5	0.0
20	PI/2 BPSK	1	53	16.36	16.27	16.43		
20	PI/2 BPSK	1	104	16.24	16.32	16.28		
20	PI/2 BPSK	50	0	16.35	16.42	16.25	17.5	0.0
20	PI/2 BPSK	50	28	16.22	16.43	16.35	17.5	0.0
20	PI/2 BPSK	50	56	16.19	16.44	16.24	17.5	0.0
20	PI/2 BPSK	100	0	16.19	16.31	16.25		
20	QPSK	1	1	16.34	16.49	16.42	17.5	0.0
20	QPSK	1	53	16.28	16.47	16.25		
20	QPSK	1	104	16.14	16.41	16.31		
20	QPSK	50	0	16.16	16.39	16.43	17.5	0.0
20	QPSK	50	28	16.25	16.44	16.37	17.5	0.0
20	QPSK	50	56	16.16	16.34	16.32	17.5	0.0
20	QPSK	100	0	16.23	16.40	16.33		
20	16QAM	1	1	16.16	16.28	16.22	17.5	0.0
20	64QAM	1	1	16.18	16.46	16.21	17.5	0.0
20	256QAM	1	1	16.21	16.28	16.30	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.22	16.31	16.23	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.27	16.45	16.40	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.23	16.38	16.44	17.5	0.0

n7 Other PA Ant3 DSI2

BW [MHz]	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	PI/2 BPSK	1	1	15.94	16.08	16.03	17.0	0.0
40	PI/2 BPSK	1	108	16.16	16.01	15.85		
40	PI/2 BPSK	1	214	15.93	15.99	15.96		
40	PI/2 BPSK	108	0	15.99	16.14	15.86	17.0	0.0
40	PI/2 BPSK	108	54	16.04	16.03	15.88	17.0	0.0
40	PI/2 BPSK	108	108	15.99	16.15	15.81	17.0	0.0
40	PI/2 BPSK	216	0	16.07	16.09	15.97		
40	QPSK	1	1	16.15	16.18	16.02	17.0	0.0
40	QPSK	1	108	16.00	15.98	15.91		
40	QPSK	1	214	16.04	16.01	15.96		
40	QPSK	108	0	16.04	16.10	15.93	17.0	0.0
40	QPSK	108	54	16.00	16.12	15.93	17.0	0.0
40	QPSK	108	108	15.98	16.10	15.94	17.0	0.0
40	QPSK	216	0	16.07	16.08	15.85		
40	16QAM	1	1	15.99	16.03	15.86	17.0	0.0
40	64QAM	1	1	16.07	16.05	16.03	17.0	0.0
40	256QAM	1	1	15.96	16.00	15.97	17.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.98	16.03	15.83	17.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.08	15.97	15.94	17.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.14	16.04	15.80	17.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.97	16.12	15.87	17.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.14	16.09	15.84	17.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.10	16.17	16.00	17.0	0.0

n66 Other PA Ant3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.71	16.89	16.87	17.9	0.0
40	PI/2 BPSK	1	108	16.68	16.74	16.74		
40	PI/2 BPSK	1	214	16.82	16.90	16.68		
40	PI/2 BPSK	108	0	16.78	16.86	16.83	17.9	0.0
40	PI/2 BPSK	108	54	16.71	16.76	16.67	17.9	0.0
40	PI/2 BPSK	108	108	16.67	16.81	16.69	17.9	0.0
40	PI/2 BPSK	216	0	16.77	16.86	16.90		
40	QPSK	1	1	16.86	16.92	16.88	17.9	0.0
40	QPSK	1	108	16.65	16.89	16.71		
40	QPSK	1	214	16.83	16.84	16.89		
40	QPSK	108	0	16.83	16.81	16.79	17.9	0.0
40	QPSK	108	54	16.86	16.88	16.81	17.9	0.0
40	QPSK	108	108	16.69	16.83	16.87	17.9	0.0
40	QPSK	216	0	16.70	16.84	16.83		
40	16QAM	1	1	16.65	16.76	16.90	17.9	0.0
40	64QAM	1	1	16.74	16.85	16.69	17.9	0.0
40	256QAM	1	1	16.68	16.79	16.78	17.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.71	16.88	16.71	17.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.67	16.86	16.84	17.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.79	16.90	16.87	17.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.66	16.73	16.79	17.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.83	16.89	16.70	17.9	0.0

n38 Other PA Ant3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.33	15.60	15.45	16.7	0.0
40	PI/2 BPSK	1	53	15.31	15.46	15.35		
40	PI/2 BPSK	1	104	15.34	15.44	15.33		
40	PI/2 BPSK	50	0	15.48	15.46	15.51	16.7	0.0
40	PI/2 BPSK	50	28	15.30	15.41	15.49	16.7	0.0
40	PI/2 BPSK	50	56	15.52	15.60	15.39	16.7	0.0
40	PI/2 BPSK	100	0	15.49	15.57	15.56		
40	QPSK	1	1	15.50	15.62	15.55	16.7	0.0
40	QPSK	1	53	15.47	15.46	15.43		
40	QPSK	1	104	15.34	15.60	15.52		
40	QPSK	50	0	15.39	15.58	15.40	16.7	0.0
40	QPSK	50	28	15.31	15.60	15.47	16.7	0.0
40	QPSK	50	56	15.39	15.58	15.36	16.7	0.0
40	QPSK	100	0	15.39	15.55	15.53		
40	16QAM	1	1	15.40	15.49	15.56	16.7	0.0
40	64QAM	1	1	15.30	15.41	15.54	16.7	0.0
40	256QAM	1	1	15.31	15.58	15.40	16.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.29	15.48	15.35	16.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.52	15.56	15.48	16.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.50	15.43	15.45	16.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.48	15.55	15.41	16.7	0.0

n41 Other PA Ant3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.38	15.57	15.30	16.7	0.0
100	PI/2 BPSK	1	137	15.35	15.59	15.50		
100	PI/2 BPSK	1	271	15.44	15.62	15.47		
100	PI/2 BPSK	135	0	15.29	15.62	15.29	16.7	0.0
100	PI/2 BPSK	135	69	15.40	15.61	15.45	16.7	0.0
100	PI/2 BPSK	135	138	15.29	15.64	15.45	16.7	0.0
100	PI/2 BPSK	270	0	15.48	15.47	15.39		
100	QPSK	1	1	15.47	15.68	15.50	16.7	0.0
100	QPSK	1	137	15.31	15.64	15.46		
100	QPSK	1	271	15.45	15.65	15.34		
100	QPSK	135	0	15.48	15.60	15.36	16.7	0.0
100	QPSK	135	69	15.30	15.62	15.31	16.7	0.0
100	QPSK	135	138	15.31	15.50	15.29	16.7	0.0
100	QPSK	270	0	15.42	15.55	15.42		
100	16QAM	1	1	15.42	15.56	15.46	16.7	0.0
100	64QAM	1	1	15.48	15.55	15.47	16.7	0.0
100	256QAM	1	1	15.26	15.46	15.44	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.41	15.60	15.44	16.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	15.37	15.61	15.31	16.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.37	15.59	15.31	16.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.41	15.59	15.37	16.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.29	15.60	15.32	16.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.36	15.46	15.42	16.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.44	15.61	15.40	16.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.48	15.51	15.46	16.7	0.0

Reduced Power Mode for Other PA DSI3 Simultaneous

n2 Other PA Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.47	20.59	20.32	21.5	0.0
20	PI/2 BPSK	1	53	20.59	20.48	20.43		
20	PI/2 BPSK	1	104	20.58	20.43	20.32		
20	PI/2 BPSK	50	0	20.56	20.46	20.48	21.5	0.0
20	PI/2 BPSK	50	28	20.56	20.42	20.48	21.5	0.0
20	PI/2 BPSK	50	56	20.47	20.42	20.43	21.5	0.0
20	PI/2 BPSK	100	0	20.43	20.49	20.49		
20	QPSK	1	1	20.60	20.61	20.52	21.5	0.0
20	QPSK	1	53	20.45	20.51	20.32		
20	QPSK	1	104	20.55	20.60	20.31		
20	QPSK	50	0	20.51	20.47	20.44	21.5	0.0
20	QPSK	50	28	20.57	20.59	20.38	21.5	0.0
20	QPSK	50	56	20.49	20.49	20.34	21.5	0.0
20	QPSK	100	0	20.53	20.56	20.36		
20	16QAM	1	1	20.57	20.55	20.51	21.5	0.0
20	64QAM	1	1	20.58	20.52	20.53	21.5	0.0
20	256QAM	1	1	20.50	20.43	20.43	21.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.50	20.56	20.41	21.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.56	20.48	20.38	21.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.45	20.47	20.39	21.5	0.0

n7 Other PA Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.82	18.86	18.78	20.3	0.0
40	PI/2 BPSK	1	108	18.85	18.95	18.93		
40	PI/2 BPSK	1	214	18.86	19.00	18.86		
40	PI/2 BPSK	108	0	18.92	19.01	18.96	20.3	0.0
40	PI/2 BPSK	108	54	18.91	18.99	18.83	20.3	0.0
40	PI/2 BPSK	108	108	18.92	18.97	18.82	20.3	0.0
40	PI/2 BPSK	216	0	18.84	19.01	18.83		
40	QPSK	1	1	18.98	19.07	18.99	20.3	0.0
40	QPSK	1	108	18.98	19.04	18.84		
40	QPSK	1	214	18.94	18.89	18.88		
40	QPSK	108	0	18.96	18.91	18.81	20.3	0.0
40	QPSK	108	54	18.84	19.05	18.83	20.3	0.0
40	QPSK	108	108	18.81	18.99	18.86	20.3	0.0
40	QPSK	216	0	18.97	19.01	18.86		
40	16QAM	1	1	18.90	19.05	18.91	20.3	0.0
40	64QAM	1	1	18.94	18.92	18.89	20.3	0.0
40	256QAM	1	1	18.98	18.92	18.90	20.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.97	18.95	18.83	20.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.80	18.96	18.99	20.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.82	18.99	18.94	20.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.92	18.90	18.78	20.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.93	19.04	18.99	20.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.81	19.04	18.81	20.3	0.0

n66 Other PA Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.87	19.06	18.79	20.3	0.0
40	PI/2 BPSK	1	108	18.86	18.95	18.78		
40	PI/2 BPSK	1	214	18.94	18.93	18.77		
40	PI/2 BPSK	108	0	18.97	19.00	18.90	20.3	0.0
40	PI/2 BPSK	108	54	18.86	19.01	18.89	20.3	0.0
40	PI/2 BPSK	108	108	18.82	18.87	18.76	20.3	0.0
40	PI/2 BPSK	216	0	18.84	18.99	18.90		
40	QPSK	1	1	19.04	19.08	18.98	20.3	0.0
40	QPSK	1	108	18.97	19.05	18.83		
40	QPSK	1	214	18.89	19.05	18.84		
40	QPSK	108	0	18.95	19.04	18.84	20.3	0.0
40	QPSK	108	54	18.89	19.06	18.89	20.3	0.0
40	QPSK	108	108	19.05	18.86	18.81	20.3	0.0
40	QPSK	216	0	18.87	19.00	18.97		
40	16QAM	1	1	19.02	18.94	18.93	20.3	0.0
40	64QAM	1	1	18.92	18.97	18.88	20.3	0.0
40	256QAM	1	1	19.00	18.96	18.81	20.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.97	18.90	18.91	20.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.95	18.86	18.92	20.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.95	19.04	18.83	20.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.99	19.02	18.89	20.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.87	18.90	18.92	20.3	0.0

n38 Other PA Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.09	20.16	20.15	21.2	0.0
40	PI/2 BPSK	1	53	20.02	20.22	20.11		
40	PI/2 BPSK	1	104	20.15	20.33	20.17		
40	PI/2 BPSK	50	0	20.00	20.25	20.28	21.2	0.0
40	PI/2 BPSK	50	28	20.02	20.23	20.23	21.2	0.0
40	PI/2 BPSK	50	56	20.15	20.30	20.24	21.2	0.0
40	PI/2 BPSK	100	0	20.01	20.33	20.10		
40	QPSK	1	1	20.14	20.38	20.31	21.2	0.0
40	QPSK	1	53	19.98	20.32	20.20		
40	QPSK	1	104	20.01	20.33	20.11		
40	QPSK	50	0	19.96	20.30	20.22	21.2	0.0
40	QPSK	50	28	20.10	20.35	20.12	21.2	0.0
40	QPSK	50	56	19.94	20.29	20.14	21.2	0.0
40	QPSK	100	0	20.10	20.33	20.22		
40	16QAM	1	1	20.11	20.30	20.11	21.2	0.0
40	64QAM	1	1	20.15	20.18	20.16	21.2	0.0
40	256QAM	1	1	18.98	19.33	19.37	20.2	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.02	20.21	20.28	21.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.04	20.30	20.14	21.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.08	20.20	20.11	21.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.13	20.34	20.20	21.2	0.0

n41 Other PA Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.99	20.15	19.87	21.2	0.0
100	PI/2 BPSK	1	137	19.82	20.21	19.96		
100	PI/2 BPSK	1	271	19.91	20.19	19.96		
100	PI/2 BPSK	135	0	19.84	20.33	19.98	21.2	0.0
100	PI/2 BPSK	135	69	19.93	20.14	19.93	21.2	0.0
100	PI/2 BPSK	135	138	20.02	20.17	20.08	21.2	0.0
100	PI/2 BPSK	270	0	20.03	20.33	20.04		
100	QPSK	1	1	20.02	20.36	20.09	21.2	0.0
100	QPSK	1	137	20.02	20.32	20.04		
100	QPSK	1	271	19.86	20.23	19.99		
100	QPSK	135	0	19.83	20.31	20.07	21.2	0.0
100	QPSK	135	69	19.88	20.33	19.93	21.2	0.0
100	QPSK	135	138	19.91	20.30	20.10	21.2	0.0
100	QPSK	270	0	19.99	20.26	19.95		
100	16QAM	1	1	20.01	20.15	20.04	21.2	0.0
100	64QAM	1	1	19.95	20.27	19.98	21.2	0.0
100	256QAM	1	1	19.89	20.20	19.92	21.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.87	20.30	19.98	21.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.99	20.23	19.89	21.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.97	20.31	19.88	21.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.81	20.21	20.02	21.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.02	20.25	20.09	21.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.93	20.20	20.03	21.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.81	20.17	19.96	21.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.84	20.28	19.89	21.2	0.0

n2 Other PA Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	14.87	15.03	14.92	16.1	0.0
20	PI/2 BPSK	1	53	15.08	14.98	14.93		
20	PI/2 BPSK	1	104	14.92	15.07	14.88		
20	PI/2 BPSK	50	0	15.06	14.80	15.01	16.1	0.0
20	PI/2 BPSK	50	28	14.92	14.85	15.01	16.1	0.0
20	PI/2 BPSK	50	56	14.90	14.99	14.96	16.1	0.0
20	PI/2 BPSK	100	0	14.99	15.09	14.80		
20	QPSK	1	1	15.14	15.22	14.95	16.1	0.0
20	QPSK	1	53	15.09	15.12	14.85		
20	QPSK	1	104	14.82	15.01	14.76		
20	QPSK	50	0	15.03	15.11	15.01	16.1	0.0
20	QPSK	50	28	15.11	15.21	14.96	16.1	0.0
20	QPSK	50	56	15.03	14.96	14.93	16.1	0.0
20	QPSK	100	0	15.12	15.18	14.76		
20	16QAM	1	1	15.03	14.94	14.96	16.1	0.0
20	64QAM	1	1	15.01	14.98	14.74	16.1	0.0
20	256QAM	1	1	15.11	15.10	15.03	16.1	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.01	14.90	14.99	16.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.17	14.90	14.80	16.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.07	15.08	14.98	16.1	0.0

n7 Other PA Ant1 DSI3 Simultaneous

BW [MHz]	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	PI/2 BPSK	1	1	17.55	17.59	17.59	18.9	0.0
40	PI/2 BPSK	1	108	17.50	17.53	17.63		
40	PI/2 BPSK	1	214	17.54	17.73	17.60		
40	PI/2 BPSK	108	0	17.51	17.66	17.63	18.9	0.0
40	PI/2 BPSK	108	54	17.70	17.65	17.69	18.9	0.0
40	PI/2 BPSK	108	108	17.77	17.64	17.73	18.9	0.0
40	PI/2 BPSK	216	0	17.71	17.63	17.67		
40	QPSK	1	1	17.65	17.84	17.75	18.9	0.0
40	QPSK	1	108	17.40	17.78	17.59		
40	QPSK	1	214	17.52	17.58	17.77		
40	QPSK	108	0	17.62	17.64	17.77	18.9	0.0
40	QPSK	108	54	17.57	17.82	17.70	18.9	0.0
40	QPSK	108	108	17.65	17.81	17.61	18.9	0.0
40	QPSK	216	0	17.72	17.78	17.73		
40	16QAM	1	1	17.64	17.51	17.73	18.9	0.0
40	64QAM	1	1	17.56	17.64	17.78	18.9	0.0
40	256QAM	1	1	17.63	17.81	17.76	18.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.61	17.63	17.68	18.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.71	17.53	17.58	18.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.57	17.69	17.63	18.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.67	17.69	17.70	18.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.74	17.57	17.74	18.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.71	17.59	17.69	18.9	0.0

n66 Other PA Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.38	15.22	15.36	16.8	0.0
40	PI/2 BPSK	1	108	15.19	15.40	15.13		
40	PI/2 BPSK	1	214	15.27	15.18	15.40		
40	PI/2 BPSK	108	0	15.30	15.37	15.48	16.8	0.0
40	PI/2 BPSK	108	54	15.22	15.30	15.14	16.8	0.0
40	PI/2 BPSK	108	108	15.22	15.28	15.31	16.8	0.0
40	PI/2 BPSK	216	0	15.30	15.22	15.36		
40	QPSK	1	1	15.48	15.49	15.28	16.8	0.0
40	QPSK	1	108	15.45	15.23	15.24		
40	QPSK	1	214	15.24	15.39	15.35		
40	QPSK	108	0	15.42	15.19	15.28	16.8	0.0
40	QPSK	108	54	15.12	15.47	15.26	16.8	0.0
40	QPSK	108	108	15.19	15.32	15.34	16.8	0.0
40	QPSK	216	0	15.26	15.45	15.36		
40	16QAM	1	1	15.37	15.39	15.27	16.8	0.0
40	64QAM	1	1	15.25	15.23	15.22	16.8	0.0
40	256QAM	1	1	15.25	15.32	15.45	16.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.31	15.37	15.39	16.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.43	15.35	15.32	16.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.47	15.42	15.36	16.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.48	15.46	15.31	16.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.33	15.46	15.37	16.8	0.0

n38 Other PA Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.20	17.52	17.23	18.6	0.0
40	PI/2 BPSK	1	53	17.38	17.64	17.26		
40	PI/2 BPSK	1	104	17.44	17.60	17.25		
40	PI/2 BPSK	50	0	17.44	17.62	17.19	18.6	0.0
40	PI/2 BPSK	50	28	17.34	17.58	17.26	18.6	0.0
40	PI/2 BPSK	50	56	17.49	17.57	17.36	18.6	0.0
40	PI/2 BPSK	100	0	17.61	17.58	17.29		
40	QPSK	1	1	17.51	17.65	17.47	18.6	0.0
40	QPSK	1	53	17.39	17.54	17.35		
40	QPSK	1	104	17.36	16.79	17.40		
40	QPSK	50	0	17.42	17.60	17.19	18.6	0.0
40	QPSK	50	28	17.29	17.57	17.25	18.6	0.0
40	QPSK	50	56	17.26	17.49	17.32	18.6	0.0
40	QPSK	100	0	17.52	17.58	17.35		
40	16QAM	1	1	17.21	17.56	17.33	18.6	0.0
40	64QAM	1	1	17.54	17.55	17.43	18.6	0.0
40	256QAM	1	1	17.35	17.52	17.43	18.6	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.34	17.55	17.36	18.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.44	17.55	17.28	18.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.31	17.59	17.20	18.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.41	17.60	17.40	18.6	0.0

n41 Other PA Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.47	17.50	17.63	18.6	0.0
100	PI/2 BPSK	1	137	17.36	17.55	17.49		
100	PI/2 BPSK	1	271	17.68	17.55	17.49		
100	PI/2 BPSK	135	0	17.44	17.57	17.34	18.6	0.0
100	PI/2 BPSK	135	69	17.46	17.65	17.59	18.6	0.0
100	PI/2 BPSK	135	138	17.45	17.62	17.44	18.6	0.0
100	PI/2 BPSK	270	0	17.46	17.45	17.60		
100	QPSK	1	1	17.51	17.70	17.68	18.6	0.0
100	QPSK	1	137	17.49	17.55	17.65		
100	QPSK	1	271	17.68	17.55	17.61		
100	QPSK	135	0	17.54	17.49	17.54	18.6	0.0
100	QPSK	135	69	17.43	17.68	17.63	18.6	0.0
100	QPSK	135	138	17.64	17.50	17.50	18.6	0.0
100	QPSK	270	0	17.55	17.65	17.59		
100	16QAM	1	1	17.30	17.39	17.61	18.6	0.0
100	64QAM	1	1	17.32	17.50	17.58	18.6	0.0
100	256QAM	1	1	17.29	17.44	17.53	18.6	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.45	17.42	17.54	18.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	17.38	17.42	17.56	18.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.35	17.63	17.61	18.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.43	17.53	17.66	18.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.35	17.51	17.53	18.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.46	17.42	17.57	18.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.35	17.55	17.45	18.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.49	17.54	17.62	18.6	0.0

n2 Other PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.23	21.37	21.21	23.0	0.0
20	PI/2 BPSK	1	53	21.17	21.25	21.14		
20	PI/2 BPSK	1	104	21.13	21.21	21.09		
20	PI/2 BPSK	50	0	21.03	21.21	21.06	23.0	0.0
20	PI/2 BPSK	50	28	21.09	21.22	21.21	23.0	0.0
20	PI/2 BPSK	50	56	21.07	21.21	21.22	23.0	0.0
20	PI/2 BPSK	100	0	21.19	21.25	21.10		
20	QPSK	1	1	21.37	21.40	21.31	23.0	0.0
20	QPSK	1	53	21.22	21.23	21.04		
20	QPSK	1	104	21.02	21.19	21.11		
20	QPSK	50	0	21.12	21.31	21.30	23.0	0.0
20	QPSK	50	28	21.23	21.32	21.24	23.0	0.0
20	QPSK	50	56	21.19	21.19	21.01	23.0	0.0
20	QPSK	100	0	21.13	21.27	21.21		
20	16QAM	1	1	21.26	21.36	21.25	23.0	0.0
20	64QAM	1	1	20.09	20.01	20.08	22.0	1.0
20	256QAM	1	1	18.34	18.36	18.37	20.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.20	21.27	21.13	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.26	21.39	21.14	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.16	21.33	21.24	23.0	0.0

n7 Other PA Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.55	19.52	19.59	21.5	0.0
40	PI/2 BPSK	1	108	19.54	19.59	19.55		
40	PI/2 BPSK	1	214	19.53	19.59	19.55		
40	PI/2 BPSK	108	0	19.56	19.64	19.54	21.5	0.0
40	PI/2 BPSK	108	54	19.58	19.63	19.60	21.5	0.0
40	PI/2 BPSK	108	108	19.57	19.61	19.63	21.5	0.0
40	PI/2 BPSK	216	0	19.62	19.54	19.51		
40	QPSK	1	1	19.57	19.65	19.58	21.5	0.0
40	QPSK	1	108	19.55	19.51	19.56		
40	QPSK	1	214	19.53	19.59	19.55		
40	QPSK	108	0	19.54	19.55	19.52	21.5	0.0
40	QPSK	108	54	19.53	19.59	19.54	21.5	0.0
40	QPSK	108	108	19.54	19.51	19.54	21.5	0.0
40	QPSK	216	0	19.54	19.57	19.51		
40	16QAM	1	1	19.51	19.54	19.53	21.5	0.0
40	64QAM	1	1	19.59	19.55	19.54	21.5	0.0
40	256QAM	1	1	19.52	19.54	19.58	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.25	19.53	19.41	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.39	19.61	19.46	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.59	19.55	19.54	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.57	19.53	19.56	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.60	19.59	19.59	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.54	19.58	19.54	21.5	0.0

n66 Other PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.12	21.18	21.11	23.0	0.0
40	PI/2 BPSK	1	108	21.03	21.19	21.04		
40	PI/2 BPSK	1	214	21.08	21.15	21.04		
40	PI/2 BPSK	108	0	21.11	21.13	21.07	23.0	0.0
40	PI/2 BPSK	108	54	21.01	21.13	21.06	23.0	0.0
40	PI/2 BPSK	108	108	21.03	21.15	21.08	23.0	0.0
40	PI/2 BPSK	216	0	21.06	21.13	21.08		
40	QPSK	1	1	21.17	21.23	21.13	23.0	0.0
40	QPSK	1	108	21.10	21.14	21.12		
40	QPSK	1	214	21.22	21.22	21.03		
40	QPSK	108	0	21.03	21.15	21.06	23.0	0.0
40	QPSK	108	54	21.15	21.17	21.16	23.0	0.0
40	QPSK	108	108	21.10	21.14	21.08	23.0	0.0
40	QPSK	216	0	21.13	21.15	21.14		
40	16QAM	1	1	21.13	21.16	21.04	23.0	0.0
40	64QAM	1	1	20.25	20.24	20.05	22.0	1.0
40	256QAM	1	1	18.02	18.23	18.12	20.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.11	21.21	21.10	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.14	21.18	21.01	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.07	21.21	21.13	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.14	21.08	21.08	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.02	21.12	21.05	23.0	0.0

n38 Other PA Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.60	19.53	19.64	21.4	0.0
40	PI/2 BPSK	1	53	19.57	19.57	19.56		
40	PI/2 BPSK	1	104	19.58	19.72	19.64		
40	PI/2 BPSK	50	0	19.47	19.68	19.72	21.4	0.0
40	PI/2 BPSK	50	28	19.46	19.56	19.53	21.4	0.0
40	PI/2 BPSK	50	56	19.59	19.65	19.65	21.4	0.0
40	PI/2 BPSK	100	0	19.52	19.54	19.55		
40	QPSK	1	1	19.62	19.73	19.71	21.4	0.0
40	QPSK	1	53	19.60	19.69	19.59		
40	QPSK	1	104	19.61	19.64	19.62		
40	QPSK	50	0	19.62	19.72	19.60	21.4	0.0
40	QPSK	50	28	19.50	19.57	19.56	21.4	0.0
40	QPSK	50	56	19.62	19.69	19.71	21.4	0.0
40	QPSK	100	0	19.53	19.60	19.51		
40	16QAM	1	1	19.58	19.70	19.60	21.4	0.0
40	64QAM	1	1	19.47	19.62	19.63	21.4	0.0
40	256QAM	1	1	18.23	18.15	17.99	19.9	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.62	19.72	19.58	21.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.44	19.65	19.53	21.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.58	19.63	19.52	21.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.48	19.56	19.60	21.4	0.0

n41 Other PA Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.87	20.06	19.79	21.4	0.0
100	PI/2 BPSK	1	137	19.90	20.06	19.82		
100	PI/2 BPSK	1	271	19.73	20.08	19.94		
100	PI/2 BPSK	135	0	19.79	20.03	19.86	21.4	0.0
100	PI/2 BPSK	135	69	19.83	19.95	19.78	21.4	0.0
100	PI/2 BPSK	135	138	19.91	19.97	19.76	21.4	0.0
100	PI/2 BPSK	270	0	19.86	20.05	19.84		
100	QPSK	1	1	19.91	20.09	19.95	21.4	0.0
100	QPSK	1	137	19.77	19.94	19.96		
100	QPSK	1	271	19.91	20.05	19.85		
100	QPSK	135	0	19.73	20.05	19.77	21.4	0.0
100	QPSK	135	69	19.73	19.89	19.92	21.4	0.0
100	QPSK	135	138	19.80	19.95	19.83	21.4	0.0
100	QPSK	270	0	19.81	20.00	19.92		
100	16QAM	1	1	19.88	19.95	19.74	21.4	0.0
100	64QAM	1	1	19.81	19.95	19.85	21.4	0.0
100	256QAM	1	1	19.77	20.06	19.93	21.4	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.74	20.02	19.92	21.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.74	20.03	19.76	21.4	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.89	19.94	19.84	21.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.83	19.93	19.90	21.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.73	19.89	19.93	21.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.82	20.08	19.86	21.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.80	19.90	19.87	21.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.87	19.98	19.86	21.4	0.0

n2 Other PA Ant3 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.87	18.77	18.65	20.1	0.0
20	PI/2 BPSK	1	53	18.55	18.75	18.64		
20	PI/2 BPSK	1	104	18.80	18.76	18.57		
20	PI/2 BPSK	50	0	18.54	18.82	18.58	20.1	0.0
20	PI/2 BPSK	50	28	18.74	18.89	18.55	20.1	0.0
20	PI/2 BPSK	50	56	18.77	18.86	18.62	20.1	0.0
20	PI/2 BPSK	100	0	18.64	18.89	18.62		
20	QPSK	1	1	18.80	18.97	18.70	20.1	0.0
20	QPSK	1	53	18.59	18.69	18.76		
20	QPSK	1	104	18.81	18.78	18.83		
20	QPSK	50	0	18.69	18.76	18.87	20.1	0.0
20	QPSK	50	28	18.76	18.95	18.75	20.1	0.0
20	QPSK	50	56	18.65	18.91	18.52	20.1	0.0
20	QPSK	100	0	18.65	18.93	18.58		
20	16QAM	1	1	18.70	18.69	18.52	20.1	0.0
20	64QAM	1	1	18.74	18.76	18.75	20.1	0.0
20	256QAM	1	1	18.83	18.92	18.77	20.1	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.59	18.89	18.65	20.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.72	18.88	18.67	20.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.60	18.93	18.69	20.1	0.0

n7 Other PA Ant3 DSI3 Simultaneous

BW [MHz]	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	PI/2 BPSK	1	1	18.34	18.46	18.52	20.0	0.0
40	PI/2 BPSK	1	108	18.42	18.58	18.36		
40	PI/2 BPSK	1	214	18.56	18.55	18.35		
40	PI/2 BPSK	108	0	18.49	18.71	18.62	20.0	0.0
40	PI/2 BPSK	108	54	18.27	18.69	18.51	20.0	0.0
40	PI/2 BPSK	108	108	18.28	18.55	18.39	20.0	0.0
40	PI/2 BPSK	216	0	18.46	18.54	18.41		
40	QPSK	1	1	18.41	18.73	18.53	20.0	0.0
40	QPSK	1	108	18.38	18.64	18.36		
40	QPSK	1	214	18.37	18.50	18.53		
40	QPSK	108	0	18.47	18.60	18.52	20.0	0.0
40	QPSK	108	54	18.24	18.69	18.44	20.0	0.0
40	QPSK	108	108	18.51	18.44	18.40	20.0	0.0
40	QPSK	216	0	18.27	18.61	18.44		
40	16QAM	1	1	18.33	18.57	18.56	20.0	0.0
40	64QAM	1	1	18.31	18.49	18.50	20.0	0.0
40	256QAM	1	1	18.30	18.56	18.57	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.42	18.59	18.59	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.52	18.71	18.60	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.62	18.66	18.55	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.46	18.64	18.59	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.64	18.64	18.51	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.63	18.72	18.54	20.0	0.0

n66 Other PA Ant3 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.85	19.07	18.94	20.2	0.0
40	PI/2 BPSK	1	108	18.76	19.09	18.94		
40	PI/2 BPSK	1	214	18.75	19.05	19.03		
40	PI/2 BPSK	108	0	18.84	19.20	18.79	20.2	0.0
40	PI/2 BPSK	108	54	18.71	19.12	19.04	20.2	0.0
40	PI/2 BPSK	108	108	18.73	18.95	18.84	20.2	0.0
40	PI/2 BPSK	216	0	18.91	19.16	18.97		
40	QPSK	1	1	18.99	19.23	19.02	20.2	0.0
40	QPSK	1	108	18.66	18.99	18.89		
40	QPSK	1	214	18.88	19.08	18.83		
40	QPSK	108	0	18.71	19.20	19.00	20.2	0.0
40	QPSK	108	54	18.77	19.21	18.96	20.2	0.0
40	QPSK	108	108	18.76	19.08	18.90	20.2	0.0
40	QPSK	216	0	19.00	19.20	18.96		
40	16QAM	1	1	18.68	19.18	18.96	20.2	0.0
40	64QAM	1	1	18.84	18.99	18.92	20.2	0.0
40	256QAM	1	1	18.79	19.01	18.93	20.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.85	19.13	18.95	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.77	19.06	18.94	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.80	19.09	18.90	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.84	19.18	18.76	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.81	19.12	18.92	20.2	0.0

n38 Other PA Ant3 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.61	18.69	18.41	20.0	0.0
40	PI/2 BPSK	1	53	18.63	18.58	18.31		
40	PI/2 BPSK	1	104	18.59	18.62	18.30		
40	PI/2 BPSK	50	0	18.77	18.53	18.42	20.0	0.0
40	PI/2 BPSK	50	28	18.53	18.49	18.44	20.0	0.0
40	PI/2 BPSK	50	56	18.64	18.54	18.18	20.0	0.0
40	PI/2 BPSK	100	0	18.65	18.51	18.34		
40	QPSK	1	1	18.71	18.80	18.61	20.0	0.0
40	QPSK	1	53	18.57	18.67	18.56		
40	QPSK	1	104	18.64	18.51	18.39		
40	QPSK	50	0	18.72	18.53	18.31	20.0	0.0
40	QPSK	50	28	18.55	18.78	18.53	20.0	0.0
40	QPSK	50	56	18.61	18.60	18.33	20.0	0.0
40	QPSK	100	0	18.59	18.75	18.56		
40	16QAM	1	1	18.47	18.68	18.25	20.0	0.0
40	64QAM	1	1	18.50	18.61	18.34	20.0	0.0
40	256QAM	1	1	18.51	18.50	18.27	20.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.62	18.52	18.25	20.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.62	18.57	18.37	20.0	0.0
Channel				515592	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.47	18.64	18.40	20.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.59	18.62	18.43	20.0	0.0

n41 Other PA Ant3 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.31	18.57	18.32	20.0	0.0
100	PI/2 BPSK	1	137	18.29	18.51	18.19		
100	PI/2 BPSK	1	271	18.19	18.44	18.50		
100	PI/2 BPSK	135	0	18.20	18.54	18.56	20.0	0.0
100	PI/2 BPSK	135	69	18.10	18.69	18.38	20.0	0.0
100	PI/2 BPSK	135	138	18.33	18.50	18.40	20.0	0.0
100	PI/2 BPSK	270	0	18.21	18.60	18.37		
100	QPSK	1	1	18.61	18.71	18.55	20.0	0.0
100	QPSK	1	137	18.05	18.39	18.53		
100	QPSK	1	271	18.08	18.59	18.17		
100	QPSK	135	0	18.05	18.39	18.46	20.0	0.0
100	QPSK	135	69	18.48	18.68	18.58	20.0	0.0
100	QPSK	135	138	18.24	18.67	18.43	20.0	0.0
100	QPSK	270	0	18.35	18.67	18.49		
100	16QAM	1	1	18.13	18.60	18.37	20.0	0.0
100	64QAM	1	1	18.21	18.44	18.57	20.0	0.0
100	256QAM	1	1	18.17	18.70	18.36	20.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.18	18.47	18.39	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.16	18.44	18.54	20.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.29	18.56	18.46	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.15	18.48	18.47	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.12	18.55	18.52	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.17	18.60	18.38	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.17	18.37	18.37	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.21	18.56	18.49	20.0	0.0

Reduced Power Mode for Other PA DSI3

n2 Other PA Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.47	20.59	20.32	21.5	0.0
20	PI/2 BPSK	1	53	20.59	20.48	20.43		
20	PI/2 BPSK	1	104	20.58	20.43	20.32		
20	PI/2 BPSK	50	0	20.56	20.46	20.48	21.5	0.0
20	PI/2 BPSK	50	28	20.56	20.42	20.48	21.5	0.0
20	PI/2 BPSK	50	56	20.47	20.42	20.43	21.5	0.0
20	PI/2 BPSK	100	0	20.43	20.49	20.49		
20	QPSK	1	1	20.60	20.61	20.52	21.5	0.0
20	QPSK	1	53	20.45	20.51	20.32		
20	QPSK	1	104	20.55	20.60	20.31		
20	QPSK	50	0	20.51	20.47	20.44	21.5	0.0
20	QPSK	50	28	20.57	20.59	20.38	21.5	0.0
20	QPSK	50	56	20.49	20.49	20.34	21.5	0.0
20	QPSK	100	0	20.53	20.56	20.36		
20	16QAM	1	1	20.57	20.55	20.51	21.5	0.0
20	64QAM	1	1	20.58	20.52	20.53	21.5	0.0
20	256QAM	1	1	20.50	20.43	20.43	21.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.50	20.56	20.41	21.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.56	20.48	20.38	21.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.45	20.47	20.39	21.5	0.0

n7 Other PA Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.82	18.86	18.78	20.3	0.0
40	PI/2 BPSK	1	108	18.85	18.95	18.93		
40	PI/2 BPSK	1	214	18.86	19.00	18.86		
40	PI/2 BPSK	108	0	18.92	19.01	18.96	20.3	0.0
40	PI/2 BPSK	108	54	18.91	18.99	18.83	20.3	0.0
40	PI/2 BPSK	108	108	18.92	18.97	18.82	20.3	0.0
40	PI/2 BPSK	216	0	18.84	19.01	18.83		
40	QPSK	1	1	18.98	19.07	18.99	20.3	0.0
40	QPSK	1	108	18.98	19.04	18.84		
40	QPSK	1	214	18.94	18.89	18.88		
40	QPSK	108	0	18.96	18.91	18.81	20.3	0.0
40	QPSK	108	54	18.84	19.05	18.83	20.3	0.0
40	QPSK	108	108	18.81	18.99	18.86	20.3	0.0
40	QPSK	216	0	18.97	19.01	18.86		
40	16QAM	1	1	18.90	19.05	18.91	20.3	0.0
40	64QAM	1	1	18.94	18.92	18.89	20.3	0.0
40	256QAM	1	1	18.98	18.92	18.90	20.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.97	18.95	18.83	20.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.80	18.96	18.99	20.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.82	18.99	18.94	20.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.92	18.90	18.78	20.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.93	19.04	18.99	20.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.81	19.04	18.81	20.3	0.0

n66 Other PA Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.87	19.06	18.79	20.3	0.0
40	PI/2 BPSK	1	108	18.86	18.95	18.78		
40	PI/2 BPSK	1	214	18.94	18.93	18.77		
40	PI/2 BPSK	108	0	18.97	19.00	18.90	20.3	0.0
40	PI/2 BPSK	108	54	18.86	19.01	18.89	20.3	0.0
40	PI/2 BPSK	108	108	18.82	18.87	18.76	20.3	0.0
40	PI/2 BPSK	216	0	18.84	18.99	18.90		
40	QPSK	1	1	19.04	19.08	18.98	20.3	0.0
40	QPSK	1	108	18.97	19.05	18.83		
40	QPSK	1	214	18.89	19.05	18.84		
40	QPSK	108	0	18.95	19.04	18.84	20.3	0.0
40	QPSK	108	54	18.89	19.06	18.89	20.3	0.0
40	QPSK	108	108	19.05	18.86	18.81	20.3	0.0
40	QPSK	216	0	18.87	19.00	18.97		
40	16QAM	1	1	19.02	18.94	18.93	20.3	0.0
40	64QAM	1	1	18.92	18.97	18.88	20.3	0.0
40	256QAM	1	1	19.00	18.96	18.81	20.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.97	18.90	18.91	20.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.95	18.86	18.92	20.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.95	19.04	18.83	20.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.99	19.02	18.89	20.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.87	18.90	18.92	20.3	0.0

n38 Other PA Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.09	20.16	20.15	21.2	0.0
40	PI/2 BPSK	1	53	20.02	20.22	20.11		
40	PI/2 BPSK	1	104	20.15	20.33	20.17		
40	PI/2 BPSK	50	0	20.00	20.25	20.28	21.2	0.0
40	PI/2 BPSK	50	28	20.02	20.23	20.23	21.2	0.0
40	PI/2 BPSK	50	56	20.15	20.30	20.24	21.2	0.0
40	PI/2 BPSK	100	0	20.01	20.33	20.10		
40	QPSK	1	1	20.14	20.38	20.31	21.2	0.0
40	QPSK	1	53	19.98	20.32	20.20		
40	QPSK	1	104	20.01	20.33	20.11		
40	QPSK	50	0	19.96	20.30	20.22	21.2	0.0
40	QPSK	50	28	20.10	20.35	20.12	21.2	0.0
40	QPSK	50	56	19.94	20.29	20.14	21.2	0.0
40	QPSK	100	0	20.10	20.33	20.22		
40	16QAM	1	1	20.11	20.30	20.11	21.2	0.0
40	64QAM	1	1	20.15	20.18	20.16	21.2	0.0
40	256QAM	1	1	18.98	19.33	19.37	20.2	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.02	20.21	20.28	21.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.04	20.30	20.14	21.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.08	20.20	20.11	21.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.13	20.34	20.20	21.2	0.0

n41 Other PA Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.99	20.15	19.87	21.2	0.0
100	PI/2 BPSK	1	137	19.82	20.21	19.96		
100	PI/2 BPSK	1	271	19.91	20.19	19.96		
100	PI/2 BPSK	135	0	19.84	20.33	19.98	21.2	0.0
100	PI/2 BPSK	135	69	19.93	20.14	19.93	21.2	0.0
100	PI/2 BPSK	135	138	20.02	20.17	20.08	21.2	0.0
100	PI/2 BPSK	270	0	20.03	20.33	20.04		
100	QPSK	1	1	20.02	20.36	20.09	21.2	0.0
100	QPSK	1	137	20.02	20.32	20.04		
100	QPSK	1	271	19.86	20.23	19.99		
100	QPSK	135	0	19.83	20.31	20.07	21.2	0.0
100	QPSK	135	69	19.88	20.33	19.93	21.2	0.0
100	QPSK	135	138	19.91	20.30	20.10	21.2	0.0
100	QPSK	270	0	19.99	20.26	19.95		
100	16QAM	1	1	20.01	20.15	20.04	21.2	0.0
100	64QAM	1	1	19.95	20.27	19.98	21.2	0.0
100	256QAM	1	1	19.89	20.20	19.92	21.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.87	20.30	19.98	21.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.99	20.23	19.89	21.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.97	20.31	19.88	21.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.81	20.21	20.02	21.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.02	20.25	20.09	21.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.93	20.20	20.03	21.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.81	20.17	19.96	21.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.84	20.28	19.89	21.2	0.0

n2 Other PA Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.97	15.97	15.87	17.1	0.0
20	PI/2 BPSK	1	53	16.04	16.03	15.90		
20	PI/2 BPSK	1	104	16.08	16.12	16.04		
20	PI/2 BPSK	50	0	16.00	15.95	16.06	17.1	0.0
20	PI/2 BPSK	50	28	16.05	16.01	16.00	17.1	0.0
20	PI/2 BPSK	50	56	15.93	15.95	16.03	17.1	0.0
20	PI/2 BPSK	100	0	16.14	16.06	15.95		
20	QPSK	1	1	16.14	16.17	16.06	17.1	0.0
20	QPSK	1	53	16.09	16.05	15.89		
20	QPSK	1	104	15.97	16.05	15.91		
20	QPSK	50	0	16.05	16.10	16.02	17.1	0.0
20	QPSK	50	28	16.07	16.15	15.96	17.1	0.0
20	QPSK	50	56	16.10	15.97	16.07	17.1	0.0
20	QPSK	100	0	16.09	16.14	15.86		
20	16QAM	1	1	16.15	15.99	15.96	17.1	0.0
20	64QAM	1	1	16.11	16.14	15.91	17.1	0.0
20	256QAM	1	1	16.06	16.16	16.00	17.1	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.14	16.14	16.02	17.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.16	15.96	16.02	17.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.12	16.14	15.89	17.1	0.0

n7 Other PA Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.55	18.64	18.73	19.9	0.0
40	PI/2 BPSK	1	108	18.60	18.65	18.74		
40	PI/2 BPSK	1	214	18.56	18.77	18.73		
40	PI/2 BPSK	108	0	18.67	18.71	18.76	19.9	0.0
40	PI/2 BPSK	108	54	18.73	18.69	18.71	19.9	0.0
40	PI/2 BPSK	108	108	18.76	18.74	18.78	19.9	0.0
40	PI/2 BPSK	216	0	18.74	18.65	18.82		
40	QPSK	1	1	18.77	18.85	18.80	19.9	0.0
40	QPSK	1	108	18.55	18.84	18.71		
40	QPSK	1	214	18.68	18.72	18.77		
40	QPSK	108	0	18.70	18.73	18.80	19.9	0.0
40	QPSK	108	54	18.64	18.83	18.68	19.9	0.0
40	QPSK	108	108	18.61	18.80	18.70	19.9	0.0
40	QPSK	216	0	18.76	18.80	18.77		
40	16QAM	1	1	18.64	18.66	18.79	19.9	0.0
40	64QAM	1	1	18.70	18.78	18.84	19.9	0.0
40	256QAM	1	1	18.67	18.80	18.83	19.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.78	18.64	18.80	19.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.65	18.76	18.84	19.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.72	18.83	18.80	19.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.60	18.80	18.80	19.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.72	18.78	18.80	19.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.62	18.83	18.72	19.9	0.0

n66 Other PA Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.40	16.36	16.41	17.8	0.0
40	PI/2 BPSK	1	108	16.26	16.49	16.27		
40	PI/2 BPSK	1	214	16.33	16.31	16.40		
40	PI/2 BPSK	108	0	16.40	16.34	16.41	17.8	0.0
40	PI/2 BPSK	108	54	16.33	16.42	16.26	17.8	0.0
40	PI/2 BPSK	108	108	16.24	16.39	16.31	17.8	0.0
40	PI/2 BPSK	216	0	16.29	16.29	16.35		
40	QPSK	1	1	16.45	16.50	16.45	17.8	0.0
40	QPSK	1	108	16.42	16.32	16.41		
40	QPSK	1	214	16.38	16.36	16.43		
40	QPSK	108	0	16.39	16.35	16.28	17.8	0.0
40	QPSK	108	54	16.29	16.48	16.39	17.8	0.0
40	QPSK	108	108	16.27	16.42	16.33	17.8	0.0
40	QPSK	216	0	16.40	16.46	16.30		
40	16QAM	1	1	16.38	16.41	16.28	17.8	0.0
40	64QAM	1	1	16.28	16.38	16.33	17.8	0.0
40	256QAM	1	1	16.30	16.28	16.44	17.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.35	16.32	16.27	17.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.44	16.41	16.23	17.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.29	16.48	16.47	17.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.38	16.45	16.38	17.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.32	16.39	16.45	17.8	0.0

n38 Other PA Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.33	18.53	18.29	19.6	0.0
40	PI/2 BPSK	1	53	18.38	18.64	18.35		
40	PI/2 BPSK	1	104	18.45	18.72	18.49		
40	PI/2 BPSK	50	0	18.48	18.68	18.36	19.6	0.0
40	PI/2 BPSK	50	28	18.44	18.70	18.34	19.6	0.0
40	PI/2 BPSK	50	56	18.53	18.64	18.29	19.6	0.0
40	PI/2 BPSK	100	0	18.56	18.73	18.44		
40	QPSK	1	1	18.55	18.74	18.51	19.6	0.0
40	QPSK	1	53	18.48	18.70	18.36		
40	QPSK	1	104	18.47	17.72	18.43		
40	QPSK	50	0	18.41	18.66	18.31	19.6	0.0
40	QPSK	50	28	18.37	18.72	18.41	19.6	0.0
40	QPSK	50	56	18.37	18.56	18.43	19.6	0.0
40	QPSK	100	0	18.54	18.66	18.40		
40	16QAM	1	1	18.37	18.64	18.46	19.6	0.0
40	64QAM	1	1	18.50	18.62	18.37	19.6	0.0
40	256QAM	1	1	18.37	18.61	18.52	19.6	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.44	18.70	18.34	19.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.44	18.72	18.44	19.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.48	18.68	18.38	19.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.46	18.64	18.33	19.6	0.0

n41 Other PA Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.44	18.56	18.61	19.6	0.0
100	PI/2 BPSK	1	137	18.48	18.70	18.49		
100	PI/2 BPSK	1	271	18.61	18.50	18.61		
100	PI/2 BPSK	135	0	18.54	18.64	18.46	19.6	0.0
100	PI/2 BPSK	135	69	18.52	18.66	18.63	19.6	0.0
100	PI/2 BPSK	135	138	18.62	18.70	18.59	19.6	0.0
100	PI/2 BPSK	270	0	18.44	18.58	18.60		
100	QPSK	1	1	18.63	18.71	18.65	19.6	0.0
100	QPSK	1	137	18.53	18.61	18.64		
100	QPSK	1	271	18.62	18.63	18.61		
100	QPSK	135	0	18.59	18.63	18.64	19.6	0.0
100	QPSK	135	69	18.46	18.66	18.57	19.6	0.0
100	QPSK	135	138	18.58	18.60	18.55	19.6	0.0
100	QPSK	270	0	18.51	18.60	18.58		
100	16QAM	1	1	18.43	18.56	18.62	19.6	0.0
100	64QAM	1	1	18.43	18.59	18.51	19.6	0.0
100	256QAM	1	1	18.44	18.51	18.57	19.6	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.63	18.56	18.53	19.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.64	18.56	18.43	19.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.60	18.67	18.64	19.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.47	18.69	18.67	19.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.55	18.67	18.58	19.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.48	18.64	18.48	19.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.44	18.61	18.56	19.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.46	18.62	18.48	19.6	0.0

n2 Other PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.23	21.37	21.21	23.0	0.0
20	PI/2 BPSK	1	53	21.17	21.25	21.14		
20	PI/2 BPSK	1	104	21.13	21.21	21.09		
20	PI/2 BPSK	50	0	21.03	21.21	21.06	23.0	0.0
20	PI/2 BPSK	50	28	21.09	21.22	21.21	23.0	0.0
20	PI/2 BPSK	50	56	21.07	21.21	21.22	23.0	0.0
20	PI/2 BPSK	100	0	21.19	21.25	21.10		
20	QPSK	1	1	21.37	21.40	21.31	23.0	0.0
20	QPSK	1	53	21.22	21.23	21.04		
20	QPSK	1	104	21.02	21.19	21.11		
20	QPSK	50	0	21.12	21.31	21.30	23.0	0.0
20	QPSK	50	28	21.23	21.32	21.24	23.0	0.0
20	QPSK	50	56	21.19	21.19	21.01	23.0	0.0
20	QPSK	100	0	21.13	21.27	21.21		
20	16QAM	1	1	21.26	21.36	21.25	23.0	0.0
20	64QAM	1	1	20.09	20.01	20.08	22.0	1.0
20	256QAM	1	1	18.34	18.36	18.37	20.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.20	21.27	21.13	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.26	21.39	21.14	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.16	21.33	21.24	23.0	0.0

n7 Other PA Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.55	19.52	19.59	21.5	0.0
40	PI/2 BPSK	1	108	19.54	19.59	19.55		
40	PI/2 BPSK	1	214	19.53	19.59	19.55		
40	PI/2 BPSK	108	0	19.56	19.64	19.54	21.5	0.0
40	PI/2 BPSK	108	54	19.58	19.63	19.60	21.5	0.0
40	PI/2 BPSK	108	108	19.57	19.61	19.63	21.5	0.0
40	PI/2 BPSK	216	0	19.62	19.54	19.51		
40	QPSK	1	1	19.57	19.65	19.58	21.5	0.0
40	QPSK	1	108	19.55	19.51	19.56		
40	QPSK	1	214	19.53	19.59	19.55		
40	QPSK	108	0	19.54	19.55	19.52	21.5	0.0
40	QPSK	108	54	19.53	19.59	19.54	21.5	0.0
40	QPSK	108	108	19.54	19.51	19.54	21.5	0.0
40	QPSK	216	0	19.54	19.57	19.51		
40	16QAM	1	1	19.51	19.54	19.53	21.5	0.0
40	64QAM	1	1	19.59	19.55	19.54	21.5	0.0
40	256QAM	1	1	19.52	19.54	19.58	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.25	19.53	19.41	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.39	19.61	19.46	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.59	19.55	19.54	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.57	19.53	19.56	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.60	19.59	19.59	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.54	19.58	19.54	21.5	0.0

n66 Other PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.12	21.18	21.11	23.0	0.0
40	PI/2 BPSK	1	108	21.03	21.19	21.04		
40	PI/2 BPSK	1	214	21.08	21.15	21.04		
40	PI/2 BPSK	108	0	21.11	21.13	21.07	23.0	0.0
40	PI/2 BPSK	108	54	21.01	21.13	21.06	23.0	0.0
40	PI/2 BPSK	108	108	21.03	21.15	21.08	23.0	0.0
40	PI/2 BPSK	216	0	21.06	21.13	21.08		
40	QPSK	1	1	21.17	21.23	21.13	23.0	0.0
40	QPSK	1	108	21.10	21.14	21.12		
40	QPSK	1	214	21.22	21.22	21.03		
40	QPSK	108	0	21.03	21.15	21.06	23.0	0.0
40	QPSK	108	54	21.15	21.17	21.16	23.0	0.0
40	QPSK	108	108	21.10	21.14	21.08	23.0	0.0
40	QPSK	216	0	21.13	21.15	21.14		
40	16QAM	1	1	21.13	21.16	21.04	23.0	0.0
40	64QAM	1	1	20.25	20.24	20.05	22.0	1.0
40	256QAM	1	1	18.02	18.23	18.12	20.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.11	21.21	21.10	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.14	21.18	21.01	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.07	21.21	21.13	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.14	21.08	21.08	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.02	21.12	21.05	23.0	0.0

20.97 20.94 20.99

n38 Other PA Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.60	19.53	19.64	21.4	0.0
40	PI/2 BPSK	1	53	19.57	19.57	19.56		
40	PI/2 BPSK	1	104	19.58	19.72	19.64		
40	PI/2 BPSK	50	0	19.47	19.68	19.72	21.4	0.0
40	PI/2 BPSK	50	28	19.46	19.56	19.53	21.4	0.0
40	PI/2 BPSK	50	56	19.59	19.65	19.65	21.4	0.0
40	PI/2 BPSK	100	0	19.52	19.54	19.55		
40	QPSK	1	1	19.62	19.73	19.71	21.4	0.0
40	QPSK	1	53	19.60	19.69	19.59		
40	QPSK	1	104	19.61	19.64	19.62		
40	QPSK	50	0	19.62	19.72	19.60	21.4	0.0
40	QPSK	50	28	19.50	19.57	19.56	21.4	0.0
40	QPSK	50	56	19.62	19.69	19.71	21.4	0.0
40	QPSK	100	0	19.53	19.60	19.51		
40	16QAM	1	1	19.58	19.70	19.60	21.4	0.0
40	64QAM	1	1	19.47	19.62	19.63	21.4	0.0
40	256QAM	1	1	18.23	18.15	17.99	19.9	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.62	19.72	19.58	21.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.44	19.65	19.53	21.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.58	19.63	19.52	21.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.48	19.56	19.60	21.4	0.0

n41 Other PA Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.87	20.06	19.79	21.4	0.0
100	PI/2 BPSK	1	137	19.90	20.06	19.82		
100	PI/2 BPSK	1	271	19.73	20.08	19.94		
100	PI/2 BPSK	135	0	19.79	20.03	19.86	21.4	0.0
100	PI/2 BPSK	135	69	19.83	19.95	19.78	21.4	0.0
100	PI/2 BPSK	135	138	19.91	19.97	19.76	21.4	0.0
100	PI/2 BPSK	270	0	19.86	20.05	19.84		
100	QPSK	1	1	19.91	20.09	19.95	21.4	0.0
100	QPSK	1	137	19.77	19.94	19.96		
100	QPSK	1	271	19.91	20.05	19.85		
100	QPSK	135	0	19.73	20.05	19.77	21.4	0.0
100	QPSK	135	69	19.73	19.89	19.92	21.4	0.0
100	QPSK	135	138	19.80	19.95	19.83	21.4	0.0
100	QPSK	270	0	19.81	20.00	19.92		
100	16QAM	1	1	19.88	19.95	19.74	21.4	0.0
100	64QAM	1	1	19.81	19.95	19.85	21.4	0.0
100	256QAM	1	1	19.77	20.06	19.93	21.4	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.74	20.02	19.92	21.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.74	20.03	19.76	21.4	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.89	19.94	19.84	21.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.83	19.93	19.90	21.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.73	19.89	19.93	21.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.82	20.08	19.86	21.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.80	19.90	19.87	21.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.87	19.98	19.86	21.4	0.0

n2 Other PA Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.82	19.91	19.62	21.1	0.0
20	PI/2 BPSK	1	53	19.64	19.86	19.79		
20	PI/2 BPSK	1	104	19.74	19.79	19.68		
20	PI/2 BPSK	50	0	19.63	19.82	19.70	21.1	0.0
20	PI/2 BPSK	50	28	19.69	19.84	19.69	21.1	0.0
20	PI/2 BPSK	50	56	19.74	19.89	19.66	21.1	0.0
20	PI/2 BPSK	100	0	19.75	19.87	19.77		
20	QPSK	1	1	19.82	19.95	19.84	21.1	0.0
20	QPSK	1	53	19.62	19.73	19.83		
20	QPSK	1	104	19.79	19.88	19.82		
20	QPSK	50	0	19.80	19.88	19.82	21.1	0.0
20	QPSK	50	28	19.61	19.90	19.82	21.1	0.0
20	QPSK	50	56	19.65	19.85	19.68	21.1	0.0
20	QPSK	100	0	19.63	19.88	19.72		
20	16QAM	1	1	19.69	19.83	19.69	21.1	0.0
20	64QAM	1	1	19.77	19.89	19.84	21.1	0.0
20	256QAM	1	1	19.19	19.24	19.09	20.6	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.67	19.91	19.65	21.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.66	19.89	19.79	21.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.76	19.73	19.83	21.1	0.0

n7 Other PA Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.47	19.55	19.61	21.0	0.0
40	PI/2 BPSK	1	108	19.45	19.61	19.51		
40	PI/2 BPSK	1	214	19.49	19.72	19.48		
40	PI/2 BPSK	108	0	19.57	19.70	19.61	21.0	0.0
40	PI/2 BPSK	108	54	19.36	19.63	19.46	21.0	0.0
40	PI/2 BPSK	108	108	19.40	19.55	19.42	21.0	0.0
40	PI/2 BPSK	216	0	19.43	19.65	19.44		
40	QPSK	1	1	19.57	19.73	19.61	21.0	0.0
40	QPSK	1	108	19.52	19.70	19.47		
40	QPSK	1	214	19.44	19.60	19.57		
40	QPSK	108	0	19.53	19.55	19.51	21.0	0.0
40	QPSK	108	54	19.39	19.69	19.60	21.0	0.0
40	QPSK	108	108	19.58	19.59	19.41	21.0	0.0
40	QPSK	216	0	19.37	19.66	19.57		
40	16QAM	1	1	19.41	19.72	19.49	21.0	0.0
40	64QAM	1	1	19.38	19.63	19.47	21.0	0.0
40	256QAM	1	1	19.44	19.67	19.57	21.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.44	19.58	19.56	21.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.53	19.58	19.41	21.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.44	19.71	19.53	21.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.37	19.72	19.42	21.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.55	19.62	19.52	21.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.40	19.65	19.48	21.0	0.0

n66 Other PA Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.83	20.09	19.92	21.2	0.0
40	PI/2 BPSK	1	108	19.90	20.22	19.92		
40	PI/2 BPSK	1	214	19.78	20.10	20.10		
40	PI/2 BPSK	108	0	19.80	20.27	19.94	21.2	0.0
40	PI/2 BPSK	108	54	19.82	20.09	20.11	21.2	0.0
40	PI/2 BPSK	108	108	19.85	20.06	19.99	21.2	0.0
40	PI/2 BPSK	216	0	19.93	20.24	19.93		
40	QPSK	1	1	19.97	20.28	20.12	21.2	0.0
40	QPSK	1	108	19.79	20.14	19.91		
40	QPSK	1	214	19.97	20.18	19.91		
40	QPSK	108	0	19.76	20.23	20.11	21.2	0.0
40	QPSK	108	54	19.78	20.25	19.97	21.2	0.0
40	QPSK	108	108	19.85	20.22	20.02	21.2	0.0
40	QPSK	216	0	19.94	20.23	20.08		
40	16QAM	1	1	19.83	20.13	20.06	21.2	0.0
40	64QAM	1	1	19.86	20.12	20.01	21.2	0.0
40	256QAM	1	1	18.93	18.84	18.96	20.2	1.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.99	20.26	20.04	21.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.76	20.18	20.07	21.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.91	20.20	19.97	21.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.83	20.14	20.11	21.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.81	20.19	20.12	21.2	0.0

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n38 Other PA Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.74	19.72	19.38	21.0	0.0
40	PI/2 BPSK	1	53	19.60	19.59	19.38		
40	PI/2 BPSK	1	104	19.75	19.70	19.45		
40	PI/2 BPSK	50	0	19.75	19.57	19.57	21.0	0.0
40	PI/2 BPSK	50	28	19.56	19.59	19.41	21.0	0.0
40	PI/2 BPSK	50	56	19.59	19.57	19.34	21.0	0.0
40	PI/2 BPSK	100	0	19.61	19.64	19.37		
40	QPSK	1	1	19.75	19.76	19.56	21.0	0.0
40	QPSK	1	53	19.64	19.70	19.58		
40	QPSK	1	104	19.64	19.64	19.45		
40	QPSK	50	0	19.70	19.57	19.36	21.0	0.0
40	QPSK	50	28	19.70	19.74	19.49	21.0	0.0
40	QPSK	50	56	19.55	19.70	19.41	21.0	0.0
40	QPSK	100	0	19.59	19.69	19.38		
40	16QAM	1	1	19.62	19.68	19.37	21.0	0.0
40	64QAM	1	1	19.64	19.56	19.39	21.0	0.0
40	256QAM	1	1	18.27	18.53	18.39	20.0	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.70	19.65	19.57	21.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.61	19.71	19.55	21.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.56	19.57	19.57	21.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.72	19.63	19.43	21.0	0.0

n41 Other PA Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.27	19.58	19.36	21.0	0.0
100	PI/2 BPSK	1	137	19.31	19.66	19.33		
100	PI/2 BPSK	1	271	19.28	19.68	19.47		
100	PI/2 BPSK	135	0	19.32	19.56	19.53	21.0	0.0
100	PI/2 BPSK	135	69	19.19	19.62	19.45	21.0	0.0
100	PI/2 BPSK	135	138	19.32	19.67	19.45	21.0	0.0
100	PI/2 BPSK	270	0	19.27	19.54	19.53		
100	QPSK	1	1	19.31	19.69	19.54	21.0	0.0
100	QPSK	1	137	19.20	19.47	19.51		
100	QPSK	1	271	19.17	19.58	19.32		
100	QPSK	135	0	19.21	19.49	19.56	21.0	0.0
100	QPSK	135	69	19.30	19.68	19.33	21.0	0.0
100	QPSK	135	138	19.22	19.60	19.48	21.0	0.0
100	QPSK	270	0	19.29	19.52	19.48		
100	16QAM	1	1	19.29	19.55	19.43	21.0	0.0
100	64QAM	1	1	19.30	19.50	19.55	21.0	0.0
100	256QAM	1	1	19.15	19.68	19.44	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.14	19.60	19.41	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.22	19.67	19.47	21.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.10	19.58	19.50	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.25	19.68	19.54	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.26	19.57	19.53	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.09	19.68	19.50	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.25	19.52	19.35	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.29	19.57	19.48	21.0	0.0

Reduced Power Mode for Other PA DSI5 Simultaneous

n2 Other PA Ant0 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.47	19.57	19.25	21.1	0.0
20	PI/2 BPSK	1	53	19.52	19.45	19.29		
20	PI/2 BPSK	1	104	19.44	19.40	19.39		
20	PI/2 BPSK	50	0	19.52	19.52	19.52	21.1	0.0
20	PI/2 BPSK	50	28	19.51	19.29	19.36	21.1	0.0
20	PI/2 BPSK	50	56	19.39	19.36	19.27	21.1	0.0
20	PI/2 BPSK	100	0	19.26	19.54	19.49		
20	QPSK	1	1	19.45	19.58	19.52	21.1	0.0
20	QPSK	1	53	19.34	19.52	19.37		
20	QPSK	1	104	19.34	19.47	19.18		
20	QPSK	50	0	19.42	19.47	19.38	21.1	0.0
20	QPSK	50	28	19.46	19.45	19.38	21.1	0.0
20	QPSK	50	56	19.39	19.36	19.18	21.1	0.0
20	QPSK	100	0	19.42	19.44	19.38		
20	16QAM	1	1	19.43	19.55	19.43	21.1	0.0
20	64QAM	1	1	19.57	19.43	19.38	21.1	0.0
20	256QAM	1	1	19.34	19.36	19.33	21.1	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.31	19.36	19.37	21.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.34	19.37	19.27	21.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.44	19.47	19.21	21.1	0.0

n7 Other PA Ant0 DSI5 Simultaneous

BW [MHz]	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	PI/2 BPSK	1	1	17.30	17.56	17.40	19.0	0.0
40	PI/2 BPSK	1	108	17.39	17.49	17.26		
40	PI/2 BPSK	1	214	17.31	17.34	17.23		
40	PI/2 BPSK	108	0	17.11	17.49	17.33	19.0	0.0
40	PI/2 BPSK	108	54	17.10	17.31	17.44	19.0	0.0
40	PI/2 BPSK	108	108	17.23	17.40	17.43	19.0	0.0
40	PI/2 BPSK	216	0	17.24	17.38	17.52		
40	QPSK	1	1	17.47	17.61	17.41	19.0	0.0
40	QPSK	1	108	17.30	17.41	17.36		
40	QPSK	1	214	17.33	17.47	17.38		
40	QPSK	108	0	17.33	17.44	17.50	19.0	0.0
40	QPSK	108	54	17.47	17.58	17.40	19.0	0.0
40	QPSK	108	108	17.06	17.39	17.46	19.0	0.0
40	QPSK	216	0	17.41	17.52	17.38		
40	16QAM	1	1	17.30	17.36	17.31	19.0	0.0
40	64QAM	1	1	17.27	17.60	17.45	19.0	0.0
40	256QAM	1	1	17.18	17.44	17.57	19.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.35	17.36	17.46	19.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.33	17.36	17.57	19.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.24	17.44	17.57	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.16	17.34	17.37	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.25	17.41	17.47	19.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.31	17.51	17.53	19.0	0.0

n66 Other PA Ant0 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.46	18.42	18.33	19.8	0.0
40	PI/2 BPSK	1	108	18.22	18.65	18.27		
40	PI/2 BPSK	1	214	18.37	18.54	18.32		
40	PI/2 BPSK	108	0	18.32	18.52	18.24	19.8	0.0
40	PI/2 BPSK	108	54	18.48	18.50	18.24	19.8	0.0
40	PI/2 BPSK	108	108	18.32	18.63	18.36	19.8	0.0
40	PI/2 BPSK	216	0	18.36	18.62	18.40		
40	QPSK	1	1	18.52	18.70	18.59	19.8	0.0
40	QPSK	1	108	18.44	18.66	18.58		
40	QPSK	1	214	18.32	18.52	18.36		
40	QPSK	108	0	18.35	18.65	18.30	19.8	0.0
40	QPSK	108	54	18.56	18.67	18.52	19.8	0.0
40	QPSK	108	108	18.48	18.55	18.36	19.8	0.0
40	QPSK	216	0	18.40	18.58	18.48		
40	16QAM	1	1	18.40	18.50	18.12	19.8	0.0
40	64QAM	1	1	18.32	18.52	18.26	19.8	0.0
40	256QAM	1	1	18.46	18.46	18.43	19.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.38	18.50	18.30	19.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.40	18.54	18.45	19.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.52	18.63	18.33	19.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.57	18.48	18.36	19.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.43	18.43	18.28	19.8	0.0

n38 Other PA Ant0 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.60	17.85	17.82	18.8	0.0
40	PI/2 BPSK	1	53	17.69	17.83	17.72		
40	PI/2 BPSK	1	104	17.63	17.70	17.72		
40	PI/2 BPSK	50	0	17.69	17.61	17.57	18.8	0.0
40	PI/2 BPSK	50	28	17.53	17.68	17.78	18.8	0.0
40	PI/2 BPSK	50	56	17.52	17.76	17.73	18.8	0.0
40	PI/2 BPSK	100	0	17.57	17.81	17.62		
40	QPSK	1	1	17.68	17.89	17.78	18.8	0.0
40	QPSK	1	53	17.46	17.74	17.70		
40	QPSK	1	104	17.59	17.78	17.66		
40	QPSK	50	0	17.63	17.73	17.71	18.8	0.0
40	QPSK	50	28	17.73	17.78	17.66	18.8	0.0
40	QPSK	50	56	17.48	17.72	17.64	18.8	0.0
40	QPSK	100	0	17.67	17.75	17.64		
40	16QAM	1	1	17.62	17.82	17.62	18.8	0.0
40	64QAM	1	1	17.36	17.70	17.71	18.8	0.0
40	256QAM	1	1	17.75	17.75	17.65	18.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.63	17.63	17.65	18.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.64	17.78	17.66	18.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.59	17.67	17.81	18.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.68	17.60	17.66	18.8	0.0

n41 Other PA Ant0 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.32	17.77	17.52	18.8	0.0
100	PI/2 BPSK	1	137	17.22	17.83	17.21		
100	PI/2 BPSK	1	271	17.37	17.92	17.36		
100	PI/2 BPSK	135	0	17.26	17.68	17.26	18.8	0.0
100	PI/2 BPSK	135	69	17.32	17.77	17.28	18.8	0.0
100	PI/2 BPSK	135	138	17.49	17.85	17.42	18.8	0.0
100	PI/2 BPSK	270	0	17.31	17.89	17.26		
100	QPSK	1	1	17.71	17.94	17.65	18.8	0.0
100	QPSK	1	137	17.74	17.91	17.39		
100	QPSK	1	271	17.31	17.80	17.26		
100	QPSK	135	0	17.36	17.79	17.53	18.8	0.0
100	QPSK	135	69	17.67	17.90	17.50	18.8	0.0
100	QPSK	135	138	17.33	17.84	17.29	18.8	0.0
100	QPSK	270	0	17.52	17.87	17.39		
100	16QAM	1	1	17.38	17.71	17.42	18.8	0.0
100	64QAM	1	1	17.47	17.74	17.26	18.8	0.0
100	256QAM	1	1	17.21	17.78	17.29	18.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.41	17.74	17.50	18.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	17.51	17.87	17.33	18.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.44	17.82	17.31	18.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.50	17.83	17.54	18.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.52	17.72	17.37	18.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.39	17.74	17.51	18.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.43	17.88	17.53	18.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.53	17.79	17.42	18.8	0.0

n2 Other PA Ant1 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.59	15.54	15.41	16.6	0.0
20	PI/2 BPSK	1	53	15.45	15.64	15.49		
20	PI/2 BPSK	1	104	15.40	15.52	15.48		
20	PI/2 BPSK	50	0	15.51	15.63	15.41	16.6	0.0
20	PI/2 BPSK	50	28	15.35	15.62	15.64	16.6	0.0
20	PI/2 BPSK	50	56	15.53	15.62	15.52	16.6	0.0
20	PI/2 BPSK	100	0	15.25	15.50	15.52		
20	QPSK	1	1	15.50	15.68	15.45	16.6	0.0
20	QPSK	1	53	15.28	15.48	15.43		
20	QPSK	1	104	15.41	15.62	15.53		
20	QPSK	50	0	15.56	15.53	15.46	16.6	0.0
20	QPSK	50	28	15.38	15.65	15.61	16.6	0.0
20	QPSK	50	56	15.49	15.49	15.41	16.6	0.0
20	QPSK	100	0	15.52	15.56	15.55		
20	16QAM	1	1	15.59	15.65	15.53	16.6	0.0
20	64QAM	1	1	15.46	15.56	15.44	16.6	0.0
20	256QAM	1	1	15.36	15.53	15.39	16.6	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.23	15.56	15.46	16.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.30	15.55	15.55	16.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.43	15.58	15.50	16.6	0.0

n7 Other PA Ant1 DSI5 Simultaneous

BW [MHz]	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	PI/2 BPSK	1	1	17.55	17.59	17.59	18.9	0.0
40	PI/2 BPSK	1	108	17.50	17.53	17.63		
40	PI/2 BPSK	1	214	17.54	17.73	17.60		
40	PI/2 BPSK	108	0	17.51	17.66	17.63	18.9	0.0
40	PI/2 BPSK	108	54	17.70	17.65	17.69	18.9	0.0
40	PI/2 BPSK	108	108	17.77	17.64	17.73	18.9	0.0
40	PI/2 BPSK	216	0	17.71	17.63	17.67		
40	QPSK	1	1	17.65	17.84	17.75	18.9	0.0
40	QPSK	1	108	17.40	17.78	17.59		
40	QPSK	1	214	17.52	17.58	17.77		
40	QPSK	108	0	17.62	17.64	17.77	18.9	0.0
40	QPSK	108	54	17.57	17.82	17.70	18.9	0.0
40	QPSK	108	108	17.65	17.81	17.61	18.9	0.0
40	QPSK	216	0	17.72	17.78	17.73		
40	16QAM	1	1	17.64	17.51	17.73	18.9	0.0
40	64QAM	1	1	17.56	17.64	17.78	18.9	0.0
40	256QAM	1	1	17.63	17.81	17.76	18.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.61	17.63	17.68	18.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.71	17.53	17.58	18.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.57	17.69	17.63	18.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.67	17.69	17.70	18.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.74	17.57	17.74	18.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.71	17.59	17.69	18.9	0.0

n66 Other PA Ant1 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.15	16.53	16.14	17.3	0.0
40	PI/2 BPSK	1	108	16.20	16.27	15.93		
40	PI/2 BPSK	1	214	16.24	16.33	16.35		
40	PI/2 BPSK	108	0	16.17	16.30	16.19	17.3	0.0
40	PI/2 BPSK	108	54	16.40	16.32	16.33	17.3	0.0
40	PI/2 BPSK	108	108	16.26	16.37	16.16	17.3	0.0
40	PI/2 BPSK	216	0	16.21	16.44	16.05		
40	QPSK	1	1	16.26	16.56	16.21	17.3	0.0
40	QPSK	1	108	16.23	16.38	16.07		
40	QPSK	1	214	16.17	16.33	16.08		
40	QPSK	108	0	16.05	16.50	16.16	17.3	0.0
40	QPSK	108	54	16.39	16.51	16.39	17.3	0.0
40	QPSK	108	108	16.30	16.44	16.30	17.3	0.0
40	QPSK	216	0	16.16	16.45	16.12		
40	16QAM	1	1	16.10	16.41	16.14	17.3	0.0
40	64QAM	1	1	16.37	16.32	16.02	17.3	0.0
40	256QAM	1	1	16.12	16.32	16.18	17.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.28	16.41	16.17	17.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.31	16.29	16.11	17.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.29	16.26	16.12	17.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.20	16.41	16.16	17.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.23	16.36	16.08	17.3	0.0

n38 Other PA Ant1 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.29	19.53	19.40	20.6	0.0
40	PI/2 BPSK	1	53	19.33	19.48	19.20		
40	PI/2 BPSK	1	104	19.46	19.54	19.43		
40	PI/2 BPSK	50	0	19.52	19.39	19.23	20.6	0.0
40	PI/2 BPSK	50	28	19.33	19.46	19.12	20.6	0.0
40	PI/2 BPSK	50	56	19.34	19.52	19.25	20.6	0.0
40	PI/2 BPSK	100	0	19.38	19.44	19.35		
40	QPSK	1	1	19.53	19.58	19.46	20.6	0.0
40	QPSK	1	53	19.42	19.57	19.23		
40	QPSK	1	104	19.39	19.41	19.23		
40	QPSK	50	0	19.46	19.51	19.19	20.6	0.0
40	QPSK	50	28	19.36	19.56	19.09	20.6	0.0
40	QPSK	50	56	19.55	19.48	19.35	20.6	0.0
40	QPSK	100	0	19.46	19.54	19.29		
40	16QAM	1	1	19.48	19.40	19.09	20.6	0.0
40	64QAM	1	1	19.34	19.53	19.25	20.6	0.0
40	256QAM	1	1	18.84	18.89	18.76	19.1	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.41	19.44	19.19	20.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.44	19.52	19.08	20.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.36	19.39	19.20	20.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.45	19.46	19.12	20.6	0.0

n41 Other PA Ant1 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.53	19.81	19.39	20.6	0.0
100	PI/2 BPSK	1	137	19.65	19.67	19.40		
100	PI/2 BPSK	1	271	19.57	19.68	19.23		
100	PI/2 BPSK	135	0	19.56	19.57	19.35	20.6	0.0
100	PI/2 BPSK	135	69	19.54	19.52	19.32	20.6	0.0
100	PI/2 BPSK	135	138	19.38	19.74	19.38	20.6	0.0
100	PI/2 BPSK	270	0	19.53	19.61	19.54		
100	QPSK	1	1	19.46	19.83	19.47	20.6	0.0
100	QPSK	1	137	19.56	19.64	19.37		
100	QPSK	1	271	19.40	19.63	19.47		
100	QPSK	135	0	19.35	19.65	19.62	20.6	0.0
100	QPSK	135	69	19.47	19.83	19.24	20.6	0.0
100	QPSK	135	138	19.54	19.45	19.26	20.6	0.0
100	QPSK	270	0	19.43	19.77	19.57		
100	16QAM	1	1	19.58	19.56	19.52	20.6	0.0
100	64QAM	1	1	19.60	19.66	19.55	20.6	0.0
100	256QAM	1	1	19.47	19.77	19.45	20.6	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.54	19.57	19.63	20.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.41	19.61	19.64	20.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.45	19.78	19.53	20.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.33	19.68	19.54	20.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.43	19.75	19.58	20.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.36	19.63	19.61	20.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.44	19.67	19.63	20.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.32	19.62	19.54	20.6	0.0

n2 Other PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.23	21.37	21.21	23.0	0.0
20	PI/2 BPSK	1	53	21.17	21.25	21.14		
20	PI/2 BPSK	1	104	21.13	21.21	21.09		
20	PI/2 BPSK	50	0	21.03	21.21	21.06	23.0	0.0
20	PI/2 BPSK	50	28	21.09	21.22	21.21	23.0	0.0
20	PI/2 BPSK	50	56	21.07	21.21	21.22	23.0	0.0
20	PI/2 BPSK	100	0	21.19	21.25	21.10		
20	QPSK	1	1	21.37	21.40	21.31	23.0	0.0
20	QPSK	1	53	21.22	21.23	21.04		
20	QPSK	1	104	21.02	21.19	21.11		
20	QPSK	50	0	21.12	21.31	21.30	23.0	0.0
20	QPSK	50	28	21.23	21.32	21.24	23.0	0.0
20	QPSK	50	56	21.19	21.19	21.01	23.0	0.0
20	QPSK	100	0	21.13	21.27	21.21		
20	16QAM	1	1	21.26	21.36	21.25	23.0	0.0
20	64QAM	1	1	20.09	20.01	20.08	22.0	1.0
20	256QAM	1	1	18.34	18.36	18.37	20.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.20	21.27	21.13	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.26	21.39	21.14	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.16	21.33	21.24	23.0	0.0

n7 Other PA Ant2Simultaneous

BW [MHz]	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	PI/2 BPSK	1	1	18.59	18.46	18.57	19.5	0.0
40	PI/2 BPSK	1	108	18.60	18.55	18.52		
40	PI/2 BPSK	1	214	18.50	18.44	18.52		
40	PI/2 BPSK	108	0	18.54	18.62	18.38	19.5	0.0
40	PI/2 BPSK	108	54	18.52	18.47	18.51	19.5	0.0
40	PI/2 BPSK	108	108	18.61	18.53	18.64	19.5	0.0
40	PI/2 BPSK	216	0	18.61	18.37	18.40		
40	QPSK	1	1	18.58	18.65	18.51	19.5	0.0
40	QPSK	1	108	18.55	18.49	18.40		
40	QPSK	1	214	18.58	18.49	18.57		
40	QPSK	108	0	18.51	18.50	18.53	19.5	0.0
40	QPSK	108	54	18.42	18.59	18.57	19.5	0.0
40	QPSK	108	108	18.54	18.35	18.49	19.5	0.0
40	QPSK	216	0	18.43	18.58	18.39		
40	16QAM	1	1	18.54	18.43	18.49	19.5	0.0
40	64QAM	1	1	18.45	18.58	18.58	19.5	0.0
40	256QAM	1	1	18.41	18.46	18.43	19.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.46	18.36	18.49	19.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.42	18.34	18.54	19.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.56	18.44	18.48	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.51	18.53	18.52	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.44	18.51	18.50	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.38	18.43	18.43	19.5	0.0

n66 Other PA Ant2Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.22	20.08	20.07	22.0	0.0
40	PI/2 BPSK	1	108	20.15	20.10	20.09		
40	PI/2 BPSK	1	214	20.20	20.13	20.10		
40	PI/2 BPSK	108	0	20.04	20.03	20.07	22.0	0.0
40	PI/2 BPSK	108	54	20.21	20.01	20.07	22.0	0.0
40	PI/2 BPSK	108	108	20.10	20.21	20.14	22.0	0.0
40	PI/2 BPSK	216	0	20.22	20.05	20.13		
40	QPSK	1	1	20.05	20.24	20.02	22.0	0.0
40	QPSK	1	108	20.04	20.06	20.04		
40	QPSK	1	214	20.19	20.22	20.08		
40	QPSK	108	0	20.13	20.01	20.08	22.0	0.0
40	QPSK	108	54	20.02	20.16	20.15	22.0	0.0
40	QPSK	108	108	20.01	20.15	20.09	22.0	0.0
40	QPSK	216	0	20.11	20.15	20.09		
40	16QAM	1	1	20.19	20.04	20.01	22.0	0.0
40	64QAM	1	1	20.13	20.16	20.01	22.0	0.0
40	256QAM	1	1	18.21	18.32	18.15	20.0	2.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.07	20.11	20.15	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.08	20.07	20.07	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.06	20.20	20.02	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.02	20.19	20.11	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.11	20.13	20.02	22.0	0.0

n38 Other PA Ant2 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.45	18.42	18.65	20.1	0.0
40	PI/2 BPSK	1	53	18.58	18.57	18.62		
40	PI/2 BPSK	1	104	18.65	18.78	18.56		
40	PI/2 BPSK	50	0	18.44	18.56	18.70	20.1	0.0
40	PI/2 BPSK	50	28	18.53	18.40	18.41	20.1	0.0
40	PI/2 BPSK	50	56	18.50	18.60	18.49	20.1	0.0
40	PI/2 BPSK	100	0	18.37	18.56	18.49		
40	QPSK	1	1	18.55	18.78	18.68	20.1	0.0
40	QPSK	1	53	18.64	18.62	18.60		
40	QPSK	1	104	18.44	18.69	18.64		
40	QPSK	50	0	18.68	18.60	18.50	20.1	0.0
40	QPSK	50	28	18.55	18.70	18.39	20.1	0.0
40	QPSK	50	56	18.51	18.56	18.67	20.1	0.0
40	QPSK	100	0	18.60	18.67	18.52		
40	16QAM	1	1	18.49	18.58	18.63	20.1	0.0
40	64QAM	1	1	18.30	18.66	18.50	20.1	0.0
40	256QAM	1	1	17.75	17.81	17.67	19.6	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.43	18.60	18.68	20.1	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.44	18.64	18.48	20.1	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.56	18.57	18.58	20.1	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.45	18.76	18.52	20.1	0.0

n41 Other PA Ant2 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.77	19.05	18.63	20.1	0.0
100	PI/2 BPSK	1	137	18.83	19.03	18.83		
100	PI/2 BPSK	1	271	18.74	18.97	18.89		
100	PI/2 BPSK	135	0	18.82	19.00	18.92	20.1	0.0
100	PI/2 BPSK	135	69	18.77	18.94	18.61	20.1	0.0
100	PI/2 BPSK	135	138	18.95	18.92	18.83	20.1	0.0
100	PI/2 BPSK	270	0	18.70	18.93	18.83		
100	QPSK	1	1	18.85	19.05	18.82	20.1	0.0
100	QPSK	1	137	18.79	18.99	18.80		
100	QPSK	1	271	18.92	19.00	18.70		
100	QPSK	135	0	18.73	18.98	18.79	20.1	0.0
100	QPSK	135	69	18.89	19.03	18.93	20.1	0.0
100	QPSK	135	138	18.84	18.92	18.70	20.1	0.0
100	QPSK	270	0	18.77	19.01	18.79		
100	16QAM	1	1	18.86	18.86	18.66	20.1	0.0
100	64QAM	1	1	18.83	18.96	18.86	20.1	0.0
100	256QAM	1	1	18.76	18.97	18.84	20.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.79	18.86	18.78	20.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.85	18.90	18.84	20.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.62	19.02	18.80	20.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.63	18.88	18.74	20.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.63	19.00	18.89	20.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.84	18.89	18.83	20.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.84	18.88	18.70	20.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.74	19.06	18.90	20.1	0.0

n2 Other PA Ant3 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.69	18.80	18.63	20.1	0.0
20	PI/2 BPSK	1	53	18.57	18.84	18.74		
20	PI/2 BPSK	1	104	18.59	18.84	18.55		
20	PI/2 BPSK	50	0	18.62	18.71	18.62	20.1	0.0
20	PI/2 BPSK	50	28	18.69	18.76	18.65	20.1	0.0
20	PI/2 BPSK	50	56	18.58	18.91	18.57	20.1	0.0
20	PI/2 BPSK	100	0	18.82	18.92	18.72		
20	QPSK	1	1	18.79	18.97	18.81	20.1	0.0
20	QPSK	1	53	18.69	18.60	18.77		
20	QPSK	1	104	18.74	18.93	18.71		
20	QPSK	50	0	18.85	18.90	18.66	20.1	0.0
20	QPSK	50	28	18.53	18.91	18.82	20.1	0.0
20	QPSK	50	56	18.63	18.89	18.67	20.1	0.0
20	QPSK	100	0	18.46	18.90	18.74		
20	16QAM	1	1	18.73	18.67	18.63	20.1	0.0
20	64QAM	1	1	18.76	18.79	18.91	20.1	0.0
20	256QAM	1	1	18.77	18.76	18.87	20.1	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.81	18.77	18.60	20.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.67	18.76	18.57	20.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.68	18.80	18.64	20.1	0.0

n7 Other PA Ant3 DSI5 Simultaneous

BW [MHz]	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	PI/2 BPSK	1	1	21.04	21.14	20.95	22.3	0.0
40	PI/2 BPSK	1	108	21.01	20.99	21.11		
40	PI/2 BPSK	1	214	20.94	21.07	21.09		
40	PI/2 BPSK	108	0	21.05	21.01	21.14	22.3	0.0
40	PI/2 BPSK	108	54	20.89	21.15	20.93	22.3	0.0
40	PI/2 BPSK	108	108	21.02	20.99	21.00	22.3	0.0
40	PI/2 BPSK	216	0	21.11	20.97	21.09		
40	QPSK	1	1	21.05	21.18	21.12	22.3	0.0
40	QPSK	1	108	21.02	20.96	20.95		
40	QPSK	1	214	20.92	21.08	21.11		
40	QPSK	108	0	20.90	21.06	21.06	22.3	0.0
40	QPSK	108	54	20.91	21.16	21.14	22.3	0.0
40	QPSK	108	108	21.09	21.06	21.05	22.3	0.0
40	QPSK	216	0	21.10	21.15	20.97		
40	16QAM	1	1	20.93	21.00	21.14	22.3	0.0
40	64QAM	1	1	21.08	21.14	20.99	22.3	0.0
40	256QAM	1	1	20.02	20.07	19.83	21.3	1.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.94	21.11	21.08	22.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.91	21.04	20.91	22.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.90	21.10	20.95	22.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.89	20.99	21.12	22.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.89	21.07	20.99	22.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.96	20.96	21.04	22.3	0.0

n66 Other PA Ant3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.01	22.14	22.10	23.0	0.0
40	PI/2 BPSK	1	108	21.96	22.02	21.97		
40	PI/2 BPSK	1	214	21.82	22.01	21.81		
40	PI/2 BPSK	108	0	22.09	22.12	22.14	23.0	0.0
40	PI/2 BPSK	108	54	22.05	22.06	21.88	23.0	0.0
40	PI/2 BPSK	108	108	21.87	22.05	22.00	23.0	0.0
40	PI/2 BPSK	216	0	21.96	22.08	22.09		
40	QPSK	1	1	22.04	22.18	22.01	23.0	0.0
40	QPSK	1	108	21.83	21.90	21.71		
40	QPSK	1	214	21.86	22.03	21.86		
40	QPSK	108	0	21.90	22.11	21.97	23.0	0.0
40	QPSK	108	54	21.81	21.98	21.93	23.0	0.0
40	QPSK	108	108	21.85	22.07	21.95	23.0	0.0
40	QPSK	216	0	21.97	22.13	21.91		
40	16QAM	1	1	21.60	21.78	21.69	23.0	0.0
40	64QAM	1	1	20.67	20.69	20.63	22.0	1.0
40	256QAM	1	1	19.00	18.99	19.00	20.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.95	22.04	22.02	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.06	22.15	21.81	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.97	22.00	22.02	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.92	22.08	21.97	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.86	22.11	21.99	23.0	0.0

n38 Other PA Ant3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.65	20.88	20.72	22.2	0.0
40	PI/2 BPSK	1	53	20.83	20.96	20.83		
40	PI/2 BPSK	1	104	20.89	20.78	21.01		
40	PI/2 BPSK	50	0	20.82	20.83	20.86	22.2	0.0
40	PI/2 BPSK	50	28	20.85	20.93	20.85	22.2	0.0
40	PI/2 BPSK	50	56	20.63	20.71	20.88	22.2	0.0
40	PI/2 BPSK	100	0	20.67	21.01	20.72		
40	QPSK	1	1	20.88	21.14	21.00	22.2	0.0
40	QPSK	1	53	20.76	20.91	20.83		
40	QPSK	1	104	20.62	20.82	21.00		
40	QPSK	50	0	20.99	21.08	20.80	22.2	0.0
40	QPSK	50	28	20.79	20.94	20.88	22.2	0.0
40	QPSK	50	56	20.71	20.81	20.93	22.2	0.0
40	QPSK	100	0	20.90	21.05	20.89		
40	16QAM	1	1	20.80	20.99	21.03	22.2	0.0
40	64QAM	1	1	20.69	20.95	20.94	22.2	0.0
40	256QAM	1	1	18.12	18.21	18.16	19.7	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.62	20.80	20.98	22.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.76	20.87	20.86	22.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.73	20.90	20.82	22.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.67	20.76	20.90	22.2	0.0

n41 Other PA Ant3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.81	20.96	20.96	22.2	0.0
100	PI/2 BPSK	1	137	20.90	20.82	20.74		
100	PI/2 BPSK	1	271	20.81	20.98	20.82		
100	PI/2 BPSK	135	0	20.82	20.99	20.81	22.2	0.0
100	PI/2 BPSK	135	69	20.91	20.95	20.89	22.2	0.0
100	PI/2 BPSK	135	138	20.97	21.07	20.84	22.2	0.0
100	PI/2 BPSK	270	0	21.02	21.02	20.82		
100	QPSK	1	1	21.07	21.12	20.92	22.2	0.0
100	QPSK	1	137	20.89	20.82	20.74		
100	QPSK	1	271	20.94	20.78	21.00		
100	QPSK	135	0	20.85	20.98	20.79	22.2	0.0
100	QPSK	135	69	20.93	21.07	20.83	22.2	0.0
100	QPSK	135	138	20.97	20.93	20.77	22.2	0.0
100	QPSK	270	0	20.86	21.05	20.77		
100	16QAM	1	1	20.89	20.92	20.85	22.2	0.0
100	64QAM	1	1	20.98	21.01	20.79	22.2	0.0
100	256QAM	1	1	20.61	20.69	20.57	21.7	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.96	20.89	20.80	22.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.95	21.10	20.73	22.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.86	20.89	20.64	22.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.85	21.07	20.86	22.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.89	21.04	20.79	22.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.97	21.07	20.83	22.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.86	21.01	20.85	22.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.01	20.90	20.80	22.2	0.0

Reduced Power Mode for Other PA DSI5

n2 Other PA Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.47	20.59	20.32	22.1	0.0
20	PI/2 BPSK	1	53	20.59	20.48	20.43		
20	PI/2 BPSK	1	104	20.58	20.43	20.32		
20	PI/2 BPSK	50	0	20.56	20.46	20.48	22.1	0.0
20	PI/2 BPSK	50	28	20.56	20.42	20.48	22.1	0.0
20	PI/2 BPSK	50	56	20.47	20.42	20.43	22.1	0.0
20	PI/2 BPSK	100	0	20.43	20.49	20.49		
20	QPSK	1	1	20.60	20.61	20.52	22.1	0.0
20	QPSK	1	53	20.45	20.51	20.32		
20	QPSK	1	104	20.55	20.60	20.31		
20	QPSK	50	0	20.51	20.47	20.44	22.1	0.0
20	QPSK	50	28	20.57	20.59	20.38	22.1	0.0
20	QPSK	50	56	20.49	20.49	20.34	22.1	0.0
20	QPSK	100	0	20.53	20.56	20.36		
20	16QAM	1	1	20.57	20.55	20.51	22.1	0.0
20	64QAM	1	1	20.58	20.52	20.53	22.1	0.0
20	256QAM	1	1	20.50	20.43	20.43	22.1	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.50	20.56	20.41	22.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.56	20.48	20.38	22.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.45	20.47	20.39	22.1	0.0

n7 Other PA Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.31	18.60	18.36	20.0	0.0
40	PI/2 BPSK	1	108	18.38	18.46	18.39		
40	PI/2 BPSK	1	214	18.29	18.48	18.34		
40	PI/2 BPSK	108	0	18.24	18.56	18.42	20.0	0.0
40	PI/2 BPSK	108	54	18.26	18.44	18.54	20.0	0.0
40	PI/2 BPSK	108	108	18.33	18.49	18.52	20.0	0.0
40	PI/2 BPSK	216	0	18.31	18.40	18.49		
40	QPSK	1	1	18.40	18.61	18.54	20.0	0.0
40	QPSK	1	108	18.29	18.55	18.41		
40	QPSK	1	214	18.41	18.53	18.38		
40	QPSK	108	0	18.32	18.55	18.46	20.0	0.0
40	QPSK	108	54	18.29	18.60	18.34	20.0	0.0
40	QPSK	108	108	18.21	18.49	18.56	20.0	0.0
40	QPSK	216	0	18.40	18.58	18.36		
40	16QAM	1	1	18.39	18.40	18.41	20.0	0.0
40	64QAM	1	1	18.38	18.55	18.41	20.0	0.0
40	256QAM	1	1	18.26	18.43	18.54	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.31	18.50	18.37	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.42	18.47	18.43	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.40	18.44	18.50	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.40	18.55	18.48	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.21	18.41	18.49	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.38	18.54	18.47	20.0	0.0

n66 Other PA Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.45	19.52	19.44	20.8	0.0
40	PI/2 BPSK	1	108	19.39	19.60	19.35		
40	PI/2 BPSK	1	214	19.38	19.49	19.27		
40	PI/2 BPSK	108	0	19.46	19.52	19.39	20.8	0.0
40	PI/2 BPSK	108	54	19.54	19.59	19.41	20.8	0.0
40	PI/2 BPSK	108	108	19.43	19.65	19.48	20.8	0.0
40	PI/2 BPSK	216	0	19.52	19.61	19.37		
40	QPSK	1	1	19.52	19.67	19.47	20.8	0.0
40	QPSK	1	108	19.49	19.62	19.37		
40	QPSK	1	214	19.44	19.60	19.47		
40	QPSK	108	0	19.43	19.60	19.39	20.8	0.0
40	QPSK	108	54	19.38	19.65	19.32	20.8	0.0
40	QPSK	108	108	19.45	19.64	19.45	20.8	0.0
40	QPSK	216	0	19.35	19.55	19.26		
40	16QAM	1	1	19.45	19.59	19.27	20.8	0.0
40	64QAM	1	1	19.35	19.64	19.31	20.8	0.0
40	256QAM	1	1	19.51	19.47	19.37	20.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.40	19.57	19.35	20.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.35	19.47	19.29	20.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.44	19.66	19.43	20.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.45	19.48	19.46	20.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.51	19.56	19.42	20.8	0.0

n38 Other PA Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.69	18.84	18.77	19.8	0.0
40	PI/2 BPSK	1	53	18.72	18.92	18.74		
40	PI/2 BPSK	1	104	18.64	18.78	18.78		
40	PI/2 BPSK	50	0	18.68	18.75	18.65	19.8	0.0
40	PI/2 BPSK	50	28	18.63	18.76	18.75	19.8	0.0
40	PI/2 BPSK	50	56	18.63	18.76	18.81	19.8	0.0
40	PI/2 BPSK	100	0	18.73	18.84	18.67		
40	QPSK	1	1	18.72	18.94	18.83	19.8	0.0
40	QPSK	1	53	18.62	18.74	18.76		
40	QPSK	1	104	18.73	18.85	18.64		
40	QPSK	50	0	18.69	18.83	18.81	19.8	0.0
40	QPSK	50	28	18.70	18.90	18.80	19.8	0.0
40	QPSK	50	56	18.51	18.73	18.67	19.8	0.0
40	QPSK	100	0	18.72	18.82	18.69		
40	16QAM	1	1	18.69	18.86	18.64	19.8	0.0
40	64QAM	1	1	18.51	18.87	18.71	19.8	0.0
40	256QAM	1	1	18.71	18.84	18.66	19.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.63	18.80	18.80	19.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.63	18.74	18.85	19.8	0.0
Channel				515592	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.65	18.82	18.83	19.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.51	18.83	18.76	19.8	0.0

n41 Other PA Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.47	18.80	18.46	19.8	0.0
100	PI/2 BPSK	1	137	18.34	18.93	18.29		
100	PI/2 BPSK	1	271	18.30	18.91	18.40		
100	PI/2 BPSK	135	0	18.34	18.84	18.35	19.8	0.0
100	PI/2 BPSK	135	69	18.32	18.90	18.43	19.8	0.0
100	PI/2 BPSK	135	138	18.49	18.84	18.48	19.8	0.0
100	PI/2 BPSK	270	0	18.33	18.93	18.41		
100	QPSK	1	1	18.50	18.96	18.49	19.8	0.0
100	QPSK	1	137	18.42	18.88	18.40		
100	QPSK	1	271	18.40	18.92	18.40		
100	QPSK	135	0	18.51	18.88	18.48	19.8	0.0
100	QPSK	135	69	18.46	18.94	18.51	19.8	0.0
100	QPSK	135	138	18.48	18.90	18.37	19.8	0.0
100	QPSK	270	0	18.38	18.90	18.42		
100	16QAM	1	1	18.51	18.75	18.49	19.8	0.0
100	64QAM	1	1	18.41	18.83	18.37	19.8	0.0
100	256QAM	1	1	18.35	18.77	18.29	19.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.46	18.84	18.31	19.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.33	18.93	18.44	19.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.35	18.91	18.37	19.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.33	18.90	18.50	19.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.41	18.78	18.42	19.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.32	18.80	18.32	19.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.42	18.93	18.27	19.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.32	18.88	18.32	19.8	0.0

n2 Other PA Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.53	16.71	16.53	17.6	0.0
20	PI/2 BPSK	1	53	16.55	16.65	16.43		
20	PI/2 BPSK	1	104	16.42	16.68	16.49		
20	PI/2 BPSK	50	0	16.50	16.61	16.49	17.6	0.0
20	PI/2 BPSK	50	28	16.38	16.71	16.61	17.6	0.0
20	PI/2 BPSK	50	56	16.47	16.67	16.54	17.6	0.0
20	PI/2 BPSK	100	0	16.37	16.66	16.58		
20	QPSK	1	1	16.55	16.72	16.60	17.6	0.0
20	QPSK	1	53	16.34	16.52	16.60		
20	QPSK	1	104	16.44	16.55	16.55		
20	QPSK	50	0	16.50	16.66	16.60	17.6	0.0
20	QPSK	50	28	16.35	16.70	16.59	17.6	0.0
20	QPSK	50	56	16.56	16.58	16.42	17.6	0.0
20	QPSK	100	0	16.55	16.67	16.53		
20	16QAM	1	1	16.53	16.58	16.51	17.6	0.0
20	64QAM	1	1	16.39	16.54	16.38	17.6	0.0
20	256QAM	1	1	16.40	16.51	16.54	17.6	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.46	16.60	16.44	17.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.47	16.69	16.45	17.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.55	16.70	16.61	17.6	0.0

n7 Other PA Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.55	18.64	18.73	19.9	0.0
40	PI/2 BPSK	1	108	18.60	18.65	18.74		
40	PI/2 BPSK	1	214	18.56	18.77	18.73		
40	PI/2 BPSK	108	0	18.67	18.71	18.76	19.9	0.0
40	PI/2 BPSK	108	54	18.73	18.69	18.71	19.9	0.0
40	PI/2 BPSK	108	108	18.76	18.74	18.78	19.9	0.0
40	PI/2 BPSK	216	0	18.74	18.65	18.82		
40	QPSK	1	1	18.77	18.85	18.80	19.9	0.0
40	QPSK	1	108	18.55	18.84	18.71		
40	QPSK	1	214	18.68	18.72	18.77		
40	QPSK	108	0	18.70	18.73	18.80	19.9	0.0
40	QPSK	108	54	18.64	18.83	18.68	19.9	0.0
40	QPSK	108	108	18.61	18.80	18.70	19.9	0.0
40	QPSK	216	0	18.76	18.80	18.77		
40	16QAM	1	1	18.64	18.66	18.79	19.9	0.0
40	64QAM	1	1	18.70	18.78	18.84	19.9	0.0
40	256QAM	1	1	18.67	18.80	18.83	19.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.78	18.64	18.80	19.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.65	18.76	18.84	19.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.72	18.83	18.80	19.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.60	18.80	18.80	19.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.72	18.78	18.80	19.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.62	18.83	18.72	19.9	0.0

n66 Other PA Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.15	17.50	17.30	18.3	0.0
40	PI/2 BPSK	1	108	17.19	17.37	17.09		
40	PI/2 BPSK	1	214	17.33	17.50	17.29		
40	PI/2 BPSK	108	0	17.21	17.38	17.30	18.3	0.0
40	PI/2 BPSK	108	54	17.34	17.45	17.31	18.3	0.0
40	PI/2 BPSK	108	108	17.35	17.49	17.31	18.3	0.0
40	PI/2 BPSK	216	0	17.20	17.47	17.19		
40	QPSK	1	1	17.36	17.51	17.31	18.3	0.0
40	QPSK	1	108	17.36	17.36	17.17		
40	QPSK	1	214	17.30	17.31	17.20		
40	QPSK	108	0	17.14	17.46	17.14	18.3	0.0
40	QPSK	108	54	17.34	17.48	17.32	18.3	0.0
40	QPSK	108	108	17.33	17.40	17.28	18.3	0.0
40	QPSK	216	0	17.15	17.35	17.26		
40	16QAM	1	1	17.22	17.42	17.30	18.3	0.0
40	64QAM	1	1	17.36	17.40	17.13	18.3	0.0
40	256QAM	1	1	17.21	17.44	17.19	18.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.19	17.47	17.27	18.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.33	17.42	17.23	18.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.21	17.45	17.29	18.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.16	17.38	17.12	18.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.19	17.47	17.13	18.3	0.0

n38 Other PA Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.34	20.62	20.38	21.6	0.0
40	PI/2 BPSK	1	53	20.41	20.52	20.22		
40	PI/2 BPSK	1	104	20.49	20.60	20.41		
40	PI/2 BPSK	50	0	20.47	20.50	20.23	21.6	0.0
40	PI/2 BPSK	50	28	20.43	20.54	20.24	21.6	0.0
40	PI/2 BPSK	50	56	20.39	20.60	20.23	21.6	0.0
40	PI/2 BPSK	100	0	20.47	20.61	20.40		
40	QPSK	1	1	20.56	20.68	20.42	21.6	0.0
40	QPSK	1	53	20.47	20.58	20.33		
40	QPSK	1	104	20.44	20.51	20.25		
40	QPSK	50	0	20.57	20.57	20.35	21.6	0.0
40	QPSK	50	28	20.48	20.59	20.23	21.6	0.0
40	QPSK	50	56	20.49	20.54	20.38	21.6	0.0
40	QPSK	100	0	20.47	20.52	20.33		
40	16QAM	1	1	20.50	20.60	20.24	21.6	0.0
40	64QAM	1	1	20.04	20.23	20.05	21.1	0.5
40	256QAM	1	1	18.11	18.28	18.25	19.1	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.48	20.54	20.23	21.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.35	20.67	20.26	21.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.53	20.60	20.40	21.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.55	20.59	20.43	21.6	0.0

n41 Other PA Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.48	20.77	20.48	21.6	0.0
100	PI/2 BPSK	1	137	20.61	20.61	20.43		
100	PI/2 BPSK	1	271	20.52	20.78	20.40		
100	PI/2 BPSK	135	0	20.49	20.62	20.37	21.6	0.0
100	PI/2 BPSK	135	69	20.51	20.60	20.45	21.6	0.0
100	PI/2 BPSK	135	138	20.49	20.81	20.43	21.6	0.0
100	PI/2 BPSK	270	0	20.59	20.68	20.49		
100	QPSK	1	1	20.62	20.82	20.57	21.6	0.0
100	QPSK	1	137	20.52	20.61	20.36		
100	QPSK	1	271	20.42	20.62	20.43		
100	QPSK	135	0	20.48	20.74	20.59	21.6	0.0
100	QPSK	135	69	20.52	20.80	20.36	21.6	0.0
100	QPSK	135	138	20.61	20.60	20.37	21.6	0.0
100	QPSK	270	0	20.50	20.61	20.51		
100	16QAM	1	1	20.56	20.68	20.49	21.6	0.0
100	64QAM	1	1	20.54	20.77	20.54	21.6	0.0
100	256QAM	1	1	19.71	19.98	19.98	21.1	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.40	20.81	20.55	21.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.40	20.64	20.46	21.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.59	20.70	20.44	21.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.50	20.66	20.45	21.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.48	20.61	20.38	21.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.58	20.78	20.38	21.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.54	20.77	20.58	21.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.56	20.62	20.47	21.6	0.0

n2 Other PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.23	21.37	21.21	23.0	0.0
20	PI/2 BPSK	1	53	21.17	21.25	21.14		
20	PI/2 BPSK	1	104	21.13	21.21	21.09		
20	PI/2 BPSK	50	0	21.03	21.21	21.06	23.0	0.0
20	PI/2 BPSK	50	28	21.09	21.22	21.21	23.0	0.0
20	PI/2 BPSK	50	56	21.07	21.21	21.22	23.0	0.0
20	PI/2 BPSK	100	0	21.19	21.25	21.10		
20	QPSK	1	1	21.37	21.40	21.31	23.0	0.0
20	QPSK	1	53	21.22	21.23	21.04		
20	QPSK	1	104	21.02	21.19	21.11		
20	QPSK	50	0	21.12	21.31	21.30	23.0	0.0
20	QPSK	50	28	21.23	21.32	21.24	23.0	0.0
20	QPSK	50	56	21.19	21.19	21.01	23.0	0.0
20	QPSK	100	0	21.13	21.27	21.21		
20	16QAM	1	1	21.26	21.36	21.25	23.0	0.0
20	64QAM	1	1	20.09	20.01	20.08	22.0	1.0
20	256QAM	1	1	18.34	18.36	18.37	20.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.20	21.27	21.13	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.26	21.39	21.14	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.16	21.33	21.24	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.55	19.52	19.59	20.5	0.0
40	PI/2 BPSK	1	108	19.54	19.59	19.55		
40	PI/2 BPSK	1	214	19.53	19.59	19.55		
40	PI/2 BPSK	108	0	19.56	19.64	19.54	20.5	0.0
40	PI/2 BPSK	108	54	19.58	19.63	19.60	20.5	0.0
40	PI/2 BPSK	108	108	19.57	19.61	19.63	20.5	0.0
40	PI/2 BPSK	216	0	19.62	19.54	19.51		
40	QPSK	1	1	19.57	19.65	19.58	20.5	0.0
40	QPSK	1	108	19.55	19.51	19.56		
40	QPSK	1	214	19.53	19.59	19.55		
40	QPSK	108	0	19.54	19.55	19.52	20.5	0.0
40	QPSK	108	54	19.53	19.59	19.54	20.5	0.0
40	QPSK	108	108	19.54	19.51	19.54	20.5	0.0
40	QPSK	216	0	19.54	19.57	19.51		
40	16QAM	1	1	19.51	19.54	19.53	20.5	0.0
40	64QAM	1	1	19.59	19.55	19.54	20.5	0.0
40	256QAM	1	1	19.52	19.54	19.58	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.25	19.53	19.41	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.39	19.61	19.46	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.59	19.55	19.54	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.57	19.53	19.56	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.60	19.59	19.59	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.54	19.58	19.54	20.5	0.0

n66 Other PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.12	21.18	21.11	23.0	0.0
40	PI/2 BPSK	1	108	21.03	21.19	21.04		
40	PI/2 BPSK	1	214	21.08	21.15	21.04		
40	PI/2 BPSK	108	0	21.11	21.13	21.07	23.0	0.0
40	PI/2 BPSK	108	54	21.01	21.13	21.06	23.0	0.0
40	PI/2 BPSK	108	108	21.03	21.15	21.08	23.0	0.0
40	PI/2 BPSK	216	0	21.06	21.13	21.08		
40	QPSK	1	1	21.17	21.23	21.13	23.0	0.0
40	QPSK	1	108	21.10	21.14	21.12		
40	QPSK	1	214	21.22	21.22	21.03		
40	QPSK	108	0	21.03	21.15	21.06	23.0	0.0
40	QPSK	108	54	21.15	21.17	21.16	23.0	0.0
40	QPSK	108	108	21.10	21.14	21.08	23.0	0.0
40	QPSK	216	0	21.13	21.15	21.14		
40	16QAM	1	1	21.13	21.16	21.04	23.0	0.0
40	64QAM	1	1	20.25	20.24	20.05	22.0	1.0
40	256QAM	1	1	18.02	18.23	18.12	20.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.11	21.21	21.10	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.14	21.18	21.01	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.07	21.21	21.13	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.14	21.08	21.08	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.02	21.12	21.05	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.60	19.53	19.64	21.1	0.0
40	PI/2 BPSK	1	53	19.57	19.57	19.56		
40	PI/2 BPSK	1	104	19.58	19.72	19.64		
40	PI/2 BPSK	50	0	19.47	19.68	19.72	21.1	0.0
40	PI/2 BPSK	50	28	19.46	19.56	19.53	21.1	0.0
40	PI/2 BPSK	50	56	19.59	19.65	19.65	21.1	0.0
40	PI/2 BPSK	100	0	19.52	19.54	19.55		
40	QPSK	1	1	19.62	19.73	19.71	21.1	0.0
40	QPSK	1	53	19.60	19.69	19.59		
40	QPSK	1	104	19.61	19.64	19.62		
40	QPSK	50	0	19.62	19.72	19.60	21.1	0.0
40	QPSK	50	28	19.50	19.57	19.56	21.1	0.0
40	QPSK	50	56	19.62	19.69	19.71	21.1	0.0
40	QPSK	100	0	19.53	19.60	19.51		
40	16QAM	1	1	19.58	19.70	19.60	21.1	0.0
40	64QAM	1	1	19.47	19.62	19.63	21.1	0.0
40	256QAM	1	1	18.23	18.15	17.99	19.6	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.62	19.72	19.58	21.1	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.44	19.65	19.53	21.1	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.58	19.63	19.52	21.1	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.48	19.56	19.60	21.1	0.0

n41 Other PA Ant2 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.87	20.06	19.79	21.1	0.0
100	PI/2 BPSK	1	137	19.90	20.06	19.82		
100	PI/2 BPSK	1	271	19.73	20.08	19.94		
100	PI/2 BPSK	135	0	19.79	20.03	19.86	21.1	0.0
100	PI/2 BPSK	135	69	19.83	19.95	19.78	21.1	0.0
100	PI/2 BPSK	135	138	19.91	19.97	19.76	21.1	0.0
100	PI/2 BPSK	270	0	19.86	20.05	19.84		
100	QPSK	1	1	19.91	20.09	19.95	21.1	0.0
100	QPSK	1	137	19.77	19.94	19.96		
100	QPSK	1	271	19.91	20.05	19.85		
100	QPSK	135	0	19.73	20.05	19.77	21.1	0.0
100	QPSK	135	69	19.73	19.89	19.92	21.1	0.0
100	QPSK	135	138	19.80	19.95	19.83	21.1	0.0
100	QPSK	270	0	19.81	20.00	19.92		
100	16QAM	1	1	19.88	19.95	19.74	21.1	0.0
100	64QAM	1	1	19.81	19.95	19.85	21.1	0.0
100	256QAM	1	1	19.77	20.06	19.93	21.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.74	20.02	19.92	21.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.74	20.03	19.76	21.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.89	19.94	19.84	21.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.83	19.93	19.90	21.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.73	19.89	19.93	21.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.82	20.08	19.86	21.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.80	19.90	19.87	21.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.87	19.98	19.86	21.1	0.0

n2 Other PA Ant3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.82	19.91	19.62	21.1	0.0
20	PI/2 BPSK	1	53	19.64	19.86	19.79		
20	PI/2 BPSK	1	104	19.74	19.79	19.68		
20	PI/2 BPSK	50	0	19.63	19.82	19.70	21.1	0.0
20	PI/2 BPSK	50	28	19.69	19.84	19.69	21.1	0.0
20	PI/2 BPSK	50	56	19.74	19.89	19.66	21.1	0.0
20	PI/2 BPSK	100	0	19.75	19.87	19.77		
20	QPSK	1	1	19.82	19.95	19.84	21.1	0.0
20	QPSK	1	53	19.62	19.73	19.83		
20	QPSK	1	104	19.79	19.88	19.82		
20	QPSK	50	0	19.80	19.88	19.82	21.1	0.0
20	QPSK	50	28	19.61	19.90	19.82	21.1	0.0
20	QPSK	50	56	19.65	19.85	19.68	21.1	0.0
20	QPSK	100	0	19.63	19.88	19.72		
20	16QAM	1	1	19.69	19.83	19.69	21.1	0.0
20	64QAM	1	1	19.77	19.89	19.84	21.1	0.0
20	256QAM	1	1	19.19	19.24	19.09	20.6	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.67	19.91	19.65	21.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.66	19.89	19.79	21.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.76	19.73	19.83	21.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.99	22.12	22.04	23.3	0.0
40	PI/2 BPSK	1	108	21.90	21.95	22.13		
40	PI/2 BPSK	1	214	22.10	21.99	21.98		
40	PI/2 BPSK	108	0	21.92	22.09	22.10	23.3	0.0
40	PI/2 BPSK	108	54	21.92	21.94	21.99	23.3	0.0
40	PI/2 BPSK	108	108	21.98	21.94	21.98	23.3	0.0
40	PI/2 BPSK	216	0	21.99	22.02	22.13		
40	QPSK	1	1	22.10	22.15	22.13	23.3	0.0
40	QPSK	1	108	22.10	21.95	21.96		
40	QPSK	1	214	22.01	21.98	22.06		
40	QPSK	108	0	22.04	22.14	21.95	23.3	0.0
40	QPSK	108	54	22.10	21.99	22.12	23.3	0.0
40	QPSK	108	108	22.01	22.13	22.07	23.3	0.0
40	QPSK	216	0	21.96	22.00	21.99		
40	16QAM	1	1	22.02	22.08	22.08	23.3	0.0
40	64QAM	1	1	21.56	21.67	21.59	22.8	0.5
40	256QAM	1	1	20.02	20.07	19.83	21.3	2.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.11	22.01	22.08	23.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.98	22.13	21.96	23.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.02	22.01	22.12	23.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.02	22.09	22.05	23.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.09	22.14	22.12	23.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.02	22.13	22.08	23.3	0.0

n66 Other PA Ant3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.01	22.14	22.10	23.0	0.0
40	PI/2 BPSK	1	108	21.96	22.02	21.97		
40	PI/2 BPSK	1	214	21.82	22.01	21.81		
40	PI/2 BPSK	108	0	22.09	22.12	22.14	23.0	0.0
40	PI/2 BPSK	108	54	22.05	22.06	21.88	23.0	0.0
40	PI/2 BPSK	108	108	21.87	22.05	22.00	23.0	0.0
40	PI/2 BPSK	216	0	21.96	22.08	22.09		
40	QPSK	1	1	22.04	22.18	22.01	23.0	0.0
40	QPSK	1	108	21.83	21.90	21.71		
40	QPSK	1	214	21.86	22.03	21.86		
40	QPSK	108	0	21.90	22.11	21.97	23.0	0.0
40	QPSK	108	54	21.81	21.98	21.93	23.0	0.0
40	QPSK	108	108	21.85	22.07	21.95	23.0	0.0
40	QPSK	216	0	21.97	22.13	21.91		
40	16QAM	1	1	21.60	21.78	21.69	23.0	0.0
40	64QAM	1	1	20.67	20.69	20.63	22.0	1.0
40	256QAM	1	1	19.00	18.99	19.00	20.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.95	22.04	22.02	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.06	22.15	21.81	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.97	22.00	22.02	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.92	22.08	21.97	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.86	22.11	21.99	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.81	22.01	21.88	23.2	0.0
40	PI/2 BPSK	1	53	21.78	22.03	21.94		
40	PI/2 BPSK	1	104	21.92	21.94	21.97		
40	PI/2 BPSK	50	0	21.83	22.00	21.98	23.2	0.0
40	PI/2 BPSK	50	28	21.79	21.94	21.82	23.2	0.0
40	PI/2 BPSK	50	56	21.75	21.88	21.94	23.2	0.0
40	PI/2 BPSK	100	0	21.81	21.94	21.85		
40	QPSK	1	1	21.95	22.08	21.99	23.2	0.0
40	QPSK	1	53	21.82	22.06	21.95		
40	QPSK	1	104	21.74	21.89	21.94		
40	QPSK	50	0	21.93	22.06	21.93	23.2	0.0
40	QPSK	50	28	21.87	22.05	21.94	23.2	0.0
40	QPSK	50	56	21.76	21.98	21.99	23.2	0.0
40	QPSK	100	0	21.84	21.91	21.87		
40	16QAM	1	1	21.84	21.93	21.96	23.2	0.0
40	64QAM	1	1	20.38	20.53	20.27	21.7	1.5
40	256QAM	1	1	18.30	18.49	18.25	19.7	3.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.79	21.90	21.87	23.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.77	22.04	21.89	23.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.76	21.89	21.99	23.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.84	21.98	21.87	23.2	0.0

n41 Other PA Ant3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.95	21.90	21.93	23.2	0.0
100	PI/2 BPSK	1	137	21.89	21.94	21.80		
100	PI/2 BPSK	1	271	21.94	22.05	21.80		
100	PI/2 BPSK	135	0	21.94	22.06	21.83	23.2	0.0
100	PI/2 BPSK	135	69	21.86	21.97	21.92	23.2	0.0
100	PI/2 BPSK	135	138	21.93	22.00	21.78	23.2	0.0
100	PI/2 BPSK	270	0	21.97	22.06	21.82		
100	QPSK	1	1	22.04	22.10	21.96	23.2	0.0
100	QPSK	1	137	22.05	22.08	21.89		
100	QPSK	1	271	22.00	21.91	21.95		
100	QPSK	135	0	21.87	22.08	21.77	23.2	0.0
100	QPSK	135	69	22.03	21.92	21.78	23.2	0.0
100	QPSK	135	138	21.99	22.05	21.79	23.2	0.0
100	QPSK	270	0	21.90	22.06	21.76		
100	16QAM	1	1	21.89	22.00	21.86	23.2	0.0
100	64QAM	1	1	21.95	22.02	21.89	23.2	0.0
100	256QAM	1	1	20.54	20.60	20.38	21.7	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.86	22.04	21.79	23.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.02	22.10	21.87	23.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.85	22.08	21.93	23.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.97	22.04	21.85	23.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.85	21.99	21.96	23.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.88	22.11	21.79	23.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.98	22.06	21.94	23.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.03	21.98	21.78	23.2	0.0

Reduced Power Mode for Other PA DSI6

n2 Other PA Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.44	23.56	23.54	24.8	0.0
20	PI/2 BPSK	1	53	23.48	23.60	23.52		
20	PI/2 BPSK	1	104	23.50	23.54	23.36		
20	PI/2 BPSK	50	0	23.76	23.91	23.78	24.8	0.0
20	PI/2 BPSK	50	28	23.89	23.93	23.77	24.8	0.0
20	PI/2 BPSK	50	56	23.69	23.87	23.73	24.8	0.0
20	PI/2 BPSK	100	0	23.79	23.96	23.96		
20	QPSK	1	1	23.98	24.04	23.95	24.8	0.0
20	QPSK	1	53	23.98	23.99	23.89		
20	QPSK	1	104	23.90	23.95	23.74		
20	QPSK	50	0	23.82	23.92	23.80	24.8	0.0
20	QPSK	50	28	23.87	23.95	23.82	24.8	0.0
20	QPSK	50	56	23.86	23.92	23.72	24.8	0.0
20	QPSK	100	0	23.85	23.94	23.87		
20	16QAM	1	1	23.71	23.87	23.83	24.8	0.0
20	64QAM	1	1	22.54	22.57	22.38	23.8	1.0
20	256QAM	1	1	20.75	20.94	20.89	21.8	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.90	24.00	23.91	24.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.94	23.94	23.91	24.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.76	23.84	23.80	24.8	0.0

n7 Other PA Ant0 DSI6

BW [MHz]	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	PI/2 BPSK	1	1	21.23	21.40	21.36	22.4	0.0
40	PI/2 BPSK	1	108	21.27	21.53	21.41		
40	PI/2 BPSK	1	214	21.20	21.39	21.48		
40	PI/2 BPSK	108	0	21.33	21.53	21.51	22.4	0.0
40	PI/2 BPSK	108	54	21.19	21.43	21.53	22.4	0.0
40	PI/2 BPSK	108	108	21.15	21.39	21.42	22.4	0.0
40	PI/2 BPSK	216	0	21.26	21.39	21.35		
40	QPSK	1	1	21.20	21.58	21.47	22.4	0.0
40	QPSK	1	108	21.14	21.54	21.37		
40	QPSK	1	214	21.15	21.49	21.45		
40	QPSK	108	0	21.20	21.50	21.52	22.4	0.0
40	QPSK	108	54	21.25	21.57	21.35	22.4	0.0
40	QPSK	108	108	21.21	21.53	21.49	22.4	0.0
40	QPSK	216	0	21.32	21.47	21.42		
40	16QAM	1	1	21.26	21.48	21.42	22.4	0.0
40	64QAM	1	1	21.34	21.54	21.33	22.4	0.0
40	256QAM	1	1	20.57	20.74	20.66	21.4	1.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.37	21.45	21.47	22.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.34	21.46	21.38	22.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.20	21.46	21.46	22.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.27	21.37	21.38	22.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.23	21.44	21.40	22.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.18	21.42	21.47	22.4	0.0

n66 Other PA Ant0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.37	23.51	23.37	24.5	0.0
40	PI/2 BPSK	1	108	23.15	23.29	23.31		
40	PI/2 BPSK	1	214	23.39	23.38	23.22		
40	PI/2 BPSK	108	0	23.29	23.40	23.29	24.5	0.0
40	PI/2 BPSK	108	54	23.29	23.30	23.19	24.5	0.0
40	PI/2 BPSK	108	108	23.22	23.41	23.41	24.5	0.0
40	PI/2 BPSK	216	0	23.27	23.33	23.18		
40	QPSK	1	1	23.54	23.60	23.51	24.5	0.0
40	QPSK	1	108	23.20	23.32	23.28		
40	QPSK	1	214	23.34	23.49	23.33		
40	QPSK	108	0	23.33	23.43	23.23	24.5	0.0
40	QPSK	108	54	23.52	23.58	23.52	24.5	0.0
40	QPSK	108	108	23.43	23.41	23.32	24.5	0.0
40	QPSK	216	0	23.47	23.51	23.50		
40	16QAM	1	1	23.37	23.58	23.39	24.5	0.0
40	64QAM	1	1	22.04	22.18	22.05	23.5	1.0
40	256QAM	1	1	20.14	20.24	20.16	21.5	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.56	23.59	23.37	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.35	23.42	23.37	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.45	23.42	23.38	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.44	23.45	23.48	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.44	23.56	23.33	24.5	0.0

n38 Other PA Ant0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.06	21.32	21.30	22.3	0.0
40	PI/2 BPSK	1	53	21.12	21.27	21.18		
40	PI/2 BPSK	1	104	21.18	21.20	21.17		
40	PI/2 BPSK	50	0	21.06	21.26	21.29	22.3	0.0
40	PI/2 BPSK	50	28	21.11	21.25	21.23	22.3	0.0
40	PI/2 BPSK	50	56	21.07	21.28	21.08	22.3	0.0
40	PI/2 BPSK	100	0	21.05	21.26	21.25		
40	QPSK	1	1	21.25	21.33	21.22	22.3	0.0
40	QPSK	1	53	21.28	21.21	21.09		
40	QPSK	1	104	21.09	21.29	21.31		
40	QPSK	50	0	21.19	21.11	21.20	22.3	0.0
40	QPSK	50	28	21.12	21.30	21.15	22.3	0.0
40	QPSK	50	56	21.17	21.18	21.26	22.3	0.0
40	QPSK	100	0	21.21	21.28	21.26		
40	16QAM	1	1	21.24	21.34	21.29	22.3	0.0
40	64QAM	1	1	21.19	21.19	21.11	22.3	0.0
40	256QAM	1	1	19.19	19.41	19.37	20.3	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.21	21.18	21.29	22.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.23	21.21	21.28	22.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.19	21.19	21.15	22.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.05	21.11	21.30	22.3	0.0

n41 Other PA Ant0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.10	21.32	21.24	22.3	0.0
100	PI/2 BPSK	1	137	21.19	21.29	21.22		
100	PI/2 BPSK	1	271	21.15	21.31	21.19		
100	PI/2 BPSK	135	0	21.25	21.10	21.13	22.3	0.0
100	PI/2 BPSK	135	69	21.07	21.22	21.21	22.3	0.0
100	PI/2 BPSK	135	138	21.21	21.21	21.16	22.3	0.0
100	PI/2 BPSK	270	0	21.10	21.31	21.09		
100	QPSK	1	1	21.26	21.36	21.28	22.3	0.0
100	QPSK	1	137	21.21	21.18	21.19		
100	QPSK	1	271	21.10	21.13	21.28		
100	QPSK	135	0	21.18	21.15	21.22	22.3	0.0
100	QPSK	135	69	21.16	21.33	21.10	22.3	0.0
100	QPSK	135	138	21.13	21.27	21.16	22.3	0.0
100	QPSK	270	0	21.25	21.34	21.09		
100	16QAM	1	1	21.15	21.17	21.29	22.3	0.0
100	64QAM	1	1	21.24	21.10	21.24	22.3	0.0
100	256QAM	1	1	21.09	21.21	21.10	22.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.17	21.29	21.28	22.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.15	21.19	21.10	22.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.23	21.19	21.10	22.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.26	21.28	21.12	22.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.14	21.31	21.24	22.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.12	21.23	21.27	22.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.04	21.19	21.16	22.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.06	21.11	21.25	22.3	0.0

n2 Other PA Ant1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.00	20.98	21.08	22.2	0.0
20	PI/2 BPSK	1	53	21.15	21.04	21.01		
20	PI/2 BPSK	1	104	21.15	20.99	20.87		
20	PI/2 BPSK	50	0	20.97	20.99	20.93	22.2	0.0
20	PI/2 BPSK	50	28	20.93	21.06	20.87	22.2	0.0
20	PI/2 BPSK	50	56	21.16	20.97	21.06	22.2	0.0
20	PI/2 BPSK	100	0	21.03	21.00	20.97		
20	QPSK	1	1	21.08	21.17	21.07	22.2	0.0
20	QPSK	1	53	20.92	21.16	21.02		
20	QPSK	1	104	21.00	21.15	20.90		
20	QPSK	50	0	20.94	21.10	21.05	22.2	0.0
20	QPSK	50	28	20.92	21.15	21.01	22.2	0.0
20	QPSK	50	56	21.06	21.05	21.03	22.2	0.0
20	QPSK	100	0	20.98	21.08	20.96		
20	16QAM	1	1	21.06	21.14	20.96	22.2	0.0
20	64QAM	1	1	21.01	21.11	21.04	22.2	0.0
20	256QAM	1	1	20.56	20.65	20.59	21.7	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.97	21.10	20.94	22.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.15	21.00	21.00	22.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.96	21.00	20.89	22.2	0.0

n7 Other PA Ant1 DSI6

BW [MHz]	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	PI/2 BPSK	1	1	20.67	20.92	20.66	21.9	0.0
40	PI/2 BPSK	1	108	20.79	20.85	20.79		
40	PI/2 BPSK	1	214	20.68	20.80	20.69		
40	PI/2 BPSK	108	0	20.80	20.77	20.81	21.9	0.0
40	PI/2 BPSK	108	54	20.76	20.82	20.65	21.9	0.0
40	PI/2 BPSK	108	108	20.73	20.80	20.76	21.9	0.0
40	PI/2 BPSK	216	0	20.82	20.88	20.80		
40	QPSK	1	1	20.78	20.93	20.86	21.9	0.0
40	QPSK	1	108	20.70	20.76	20.77		
40	QPSK	1	214	20.88	20.76	20.72		
40	QPSK	108	0	20.83	20.84	20.82	21.9	0.0
40	QPSK	108	54	20.82	20.89	20.74	21.9	0.0
40	QPSK	108	108	20.80	20.77	20.87	21.9	0.0
40	QPSK	216	0	20.82	20.85	20.76		
40	16QAM	1	1	20.71	20.90	20.84	21.9	0.0
40	64QAM	1	1	20.88	20.85	20.70	21.9	0.0
40	256QAM	1	1	20.08	20.07	20.04	20.9	1.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.83	20.79	20.81	21.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.76	20.86	20.68	21.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.74	20.74	20.68	21.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.85	20.87	20.69	21.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.77	20.82	20.85	21.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.70	20.89	20.86	21.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.87	19.98	19.98	21.4	0.0
40	PI/2 BPSK	1	108	19.96	20.06	19.81		
40	PI/2 BPSK	1	214	20.08	20.08	19.84		
40	PI/2 BPSK	108	0	20.07	20.08	19.88	21.4	0.0
40	PI/2 BPSK	108	54	20.04	20.03	19.82	21.4	0.0
40	PI/2 BPSK	108	108	20.09	20.08	20.03	21.4	0.0
40	PI/2 BPSK	216	0	19.92	20.02	19.81		
40	QPSK	1	1	19.96	20.10	20.02	21.4	0.0
40	QPSK	1	108	19.92	20.06	20.00		
40	QPSK	1	214	19.92	19.98	19.84		
40	QPSK	108	0	19.87	20.03	19.87	21.4	0.0
40	QPSK	108	54	19.92	20.07	19.85	21.4	0.0
40	QPSK	108	108	20.00	20.02	19.94	21.4	0.0
40	QPSK	216	0	19.99	20.01	19.85		
40	16QAM	1	1	19.89	19.94	19.93	21.4	0.0
40	64QAM	1	1	19.94	20.06	20.05	21.4	0.0
40	256QAM	1	1	19.59	19.67	19.56	20.9	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.93	20.05	20.03	21.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.93	19.95	19.88	21.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.91	19.95	19.88	21.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.07	19.93	19.85	21.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.01	19.94	19.98	21.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.53	20.46	20.33	21.3	0.0
40	PI/2 BPSK	1	53	20.63	20.61	20.53		
40	PI/2 BPSK	1	104	20.56	20.61	20.37		
40	PI/2 BPSK	50	0	20.54	20.66	20.54	21.3	0.0
40	PI/2 BPSK	50	28	20.62	20.63	20.46	21.3	0.0
40	PI/2 BPSK	50	56	20.64	20.57	20.32	21.3	0.0
40	PI/2 BPSK	100	0	20.64	20.60	20.40		
40	QPSK	1	1	20.60	20.67	20.32	21.3	0.0
40	QPSK	1	53	20.53	20.48	20.39		
40	QPSK	1	104	20.48	20.56	20.42		
40	QPSK	50	0	20.57	20.48	20.38	21.3	0.0
40	QPSK	50	28	20.57	20.61	20.41	21.3	0.0
40	QPSK	50	56	20.55	20.50	20.35	21.3	0.0
40	QPSK	100	0	20.53	20.56	20.48		
40	16QAM	1	1	20.50	20.65	20.52	21.3	0.0
40	64QAM	1	1	20.49	20.47	20.35	21.3	0.0
40	256QAM	1	1	18.31	18.33	18.28	18.8	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.54	20.59	20.42	21.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.57	20.64	20.48	21.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.60	20.58	20.39	21.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.49	20.46	20.48	21.3	0.0

n41 Other PA Ant1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.47	20.53	20.40	21.3	0.0
100	PI/2 BPSK	1	137	20.55	20.68	20.42		
100	PI/2 BPSK	1	271	20.45	20.59	20.43		
100	PI/2 BPSK	135	0	20.43	20.59	20.53	21.3	0.0
100	PI/2 BPSK	135	69	20.49	20.49	20.34	21.3	0.0
100	PI/2 BPSK	135	138	20.49	20.51	20.49	21.3	0.0
100	PI/2 BPSK	270	0	20.50	20.47	20.47		
100	QPSK	1	1	20.58	20.71	20.55	21.3	0.0
100	QPSK	1	137	20.51	20.59	20.46		
100	QPSK	1	271	20.61	20.56	20.51		
100	QPSK	135	0	20.51	20.49	20.48	21.3	0.0
100	QPSK	135	69	20.64	20.65	20.45	21.3	0.0
100	QPSK	135	138	20.53	20.57	20.41	21.3	0.0
100	QPSK	270	0	20.45	20.63	20.36		
100	16QAM	1	1	20.59	20.62	20.45	21.3	0.0
100	64QAM	1	1	20.43	20.67	20.40	21.3	0.0
100	256QAM	1	1	19.88	20.04	20.01	20.8	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.64	20.66	20.39	21.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.50	20.57	20.43	21.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.44	20.45	20.53	21.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.62	20.59	20.48	21.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.56	20.50	20.40	21.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.60	20.62	20.45	21.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.48	20.48	20.41	21.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.65	20.64	20.41	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.23	21.37	21.21	23.0	0.0
20	PI/2 BPSK	1	53	21.17	21.25	21.14		
20	PI/2 BPSK	1	104	21.13	21.21	21.09		
20	PI/2 BPSK	50	0	21.03	21.21	21.06	23.0	0.0
20	PI/2 BPSK	50	28	21.09	21.22	21.21	23.0	0.0
20	PI/2 BPSK	50	56	21.07	21.21	21.22	23.0	0.0
20	PI/2 BPSK	100	0	21.19	21.25	21.10		
20	QPSK	1	1	21.37	21.40	21.31	23.0	0.0
20	QPSK	1	53	21.22	21.23	21.04		
20	QPSK	1	104	21.02	21.19	21.11		
20	QPSK	50	0	21.12	21.31	21.30	23.0	0.0
20	QPSK	50	28	21.23	21.32	21.24	23.0	0.0
20	QPSK	50	56	21.19	21.19	21.01	23.0	0.0
20	QPSK	100	0	21.13	21.27	21.21		
20	16QAM	1	1	21.26	21.36	21.25	23.0	0.0
20	64QAM	1	1	20.09	20.01	20.08	22.0	1.0
20	256QAM	1	1	18.34	18.36	18.37	20.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.20	21.27	21.13	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.26	21.39	21.14	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.16	21.33	21.24	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.25	22.40	22.25	24.0	0.0
40	PI/2 BPSK	1	108	22.45	22.45	22.32		
40	PI/2 BPSK	1	214	22.25	22.42	22.24		
40	PI/2 BPSK	108	0	22.21	22.38	22.35	24.0	0.0
40	PI/2 BPSK	108	54	22.34	22.37	22.23	24.0	0.0
40	PI/2 BPSK	108	108	22.26	22.25	22.14	24.0	0.0
40	PI/2 BPSK	216	0	22.43	22.46	22.46		
40	QPSK	1	1	22.38	22.65	22.58	24.0	0.0
40	QPSK	1	108	22.42	22.61	22.53		
40	QPSK	1	214	22.38	22.60	22.51		
40	QPSK	108	0	22.28	22.34	22.30	24.0	0.0
40	QPSK	108	54	22.31	22.48	22.32	24.0	0.0
40	QPSK	108	108	22.34	22.45	22.28	24.0	0.0
40	QPSK	216	0	22.33	22.50	22.42		
40	16QAM	1	1	22.06	22.12	22.08	24.0	0.0
40	64QAM	1	1	21.10	21.14	21.14	23.0	1.0
40	256QAM	1	1	19.21	19.33	19.15	21.0	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.36	22.52	22.47	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.40	22.56	22.38	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.26	22.44	22.38	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.18	22.43	22.48	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.20	22.50	22.57	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.19	22.63	22.49	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.12	21.18	21.11	23.0	0.0
40	PI/2 BPSK	1	108	21.03	21.19	21.04		
40	PI/2 BPSK	1	214	21.08	21.15	21.04		
40	PI/2 BPSK	108	0	21.11	21.13	21.07	23.0	0.0
40	PI/2 BPSK	108	54	21.01	21.13	21.06	23.0	0.0
40	PI/2 BPSK	108	108	21.03	21.15	21.08	23.0	0.0
40	PI/2 BPSK	216	0	21.06	21.13	21.08		
40	QPSK	1	1	21.17	21.23	21.13	23.0	0.0
40	QPSK	1	108	21.10	21.14	21.12		
40	QPSK	1	214	21.22	21.22	21.03		
40	QPSK	108	0	21.03	21.15	21.06	23.0	0.0
40	QPSK	108	54	21.15	21.17	21.16	23.0	0.0
40	QPSK	108	108	21.10	21.14	21.08	23.0	0.0
40	QPSK	216	0	21.13	21.15	21.14		
40	16QAM	1	1	21.13	21.16	21.04	23.0	0.0
40	64QAM	1	1	20.25	20.24	20.05	22.0	1.0
40	256QAM	1	1	18.02	18.23	18.12	20.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.11	21.21	21.10	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.14	21.18	21.01	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.07	21.21	21.13	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.14	21.08	21.08	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.02	21.12	21.05	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.48	22.50	22.50	24.0	0.0
40	PI/2 BPSK	1	53	22.40	22.46	22.39		
40	PI/2 BPSK	1	104	22.51	22.55	22.54		
40	PI/2 BPSK	50	0	22.03	22.15	22.12	23.5	0.5
40	PI/2 BPSK	50	28	22.34	22.52	22.41	24.0	0.0
40	PI/2 BPSK	50	56	22.18	22.17	22.06	23.5	0.5
40	PI/2 BPSK	100	0	21.86	22.08	22.06		
40	QPSK	1	1	22.55	22.63	22.58	24.0	0.0
40	QPSK	1	53	22.33	22.45	22.23		
40	QPSK	1	104	22.61	22.62	22.42		
40	QPSK	50	0	21.52	21.51	21.52	23.0	1.0
40	QPSK	50	28	22.53	22.59	22.57	24.0	0.0
40	QPSK	50	56	21.46	21.61	21.61	23.0	1.0
40	QPSK	100	0	21.47	21.52	21.44		
40	16QAM	1	1	21.26	21.32	21.25	23.0	1.0
40	64QAM	1	1	20.19	20.25	20.06	21.5	2.5
40	256QAM	1	1	18.24	18.23	18.02	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.46	22.53	22.54	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.56	22.51	22.44	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.40	22.57	22.50	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.34	22.47	22.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.81	22.88	22.84	24.0	0.0
100	PI/2 BPSK	1	137	22.96	22.98	22.81		
100	PI/2 BPSK	1	271	22.76	22.78	22.70		
100	PI/2 BPSK	135	0	22.82	22.98	22.84	24.0	0.0
100	PI/2 BPSK	135	69	22.69	22.91	22.89	24.0	0.0
100	PI/2 BPSK	135	138	22.57	22.71	22.60	24.0	0.0
100	PI/2 BPSK	270	0	22.88	22.87	22.66		
100	QPSK	1	1	22.48	23.00	22.85	24.0	0.0
100	QPSK	1	137	22.76	22.81	22.74		
100	QPSK	1	271	22.55	22.65	22.45		
100	QPSK	135	0	22.74	22.86	22.74	24.0	0.0
100	QPSK	135	69	22.82	22.92	22.87	24.0	0.0
100	QPSK	135	138	22.78	22.77	22.58	24.0	0.0
100	QPSK	270	0	22.75	22.82	22.76		
100	16QAM	1	1	22.74	22.91	22.78	24.0	0.0
100	64QAM	1	1	22.07	22.21	22.01	23.0	1.0
100	256QAM	1	1	20.40	20.59	20.60	21.0	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.44	22.87	22.74	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.42	22.88	22.85	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.41	22.93	22.69	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.31	22.91	22.86	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.46	22.92	22.87	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.31	22.84	22.72	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.39	22.83	22.83	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.40	22.91	22.75	24.0	0.0

n2 Other PA Ant3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.75	20.79	20.71	21.9	0.0
20	PI/2 BPSK	1	53	20.67	20.92	20.68		
20	PI/2 BPSK	1	104	20.76	20.70	20.76		
20	PI/2 BPSK	50	0	20.74	20.71	20.84	21.9	0.0
20	PI/2 BPSK	50	28	20.85	20.77	20.76	21.9	0.0
20	PI/2 BPSK	50	56	20.88	20.79	20.79	21.9	0.0
20	PI/2 BPSK	100	0	20.88	20.92	20.64		
20	QPSK	1	1	20.71	20.95	20.82	21.9	0.0
20	QPSK	1	53	20.79	20.78	20.65		
20	QPSK	1	104	20.81	20.72	20.83		
20	QPSK	50	0	20.84	20.84	20.83	21.9	0.0
20	QPSK	50	28	20.87	20.92	20.80	21.9	0.0
20	QPSK	50	56	20.77	20.81	20.69	21.9	0.0
20	QPSK	100	0	20.83	20.87	20.75		
20	16QAM	1	1	20.82	20.84	20.84	21.9	0.0
20	64QAM	1	1	20.82	20.78	20.74	21.9	0.0
20	256QAM	1	1	19.23	19.29	19.12	20.4	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.84	20.87	20.70	21.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.79	20.84	20.82	21.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.76	20.79	20.80	21.9	0.0

n7 Other PA Ant3 DSI6

BW [MHz]	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	PI/2 BPSK	1	1	20.02	20.15	20.09	21.4	0.0
40	PI/2 BPSK	1	108	20.04	20.09	20.14		
40	PI/2 BPSK	1	214	20.20	20.23	20.02		
40	PI/2 BPSK	108	0	20.20	20.19	20.18	21.4	0.0
40	PI/2 BPSK	108	54	20.09	20.05	20.21	21.4	0.0
40	PI/2 BPSK	108	108	20.02	20.17	20.22	21.4	0.0
40	PI/2 BPSK	216	0	20.05	20.15	20.23		
40	QPSK	1	1	20.03	20.25	20.18	21.4	0.0
40	QPSK	1	108	20.06	20.17	20.06		
40	QPSK	1	214	20.09	20.16	20.11		
40	QPSK	108	0	20.07	20.19	20.16	21.4	0.0
40	QPSK	108	54	20.10	20.20	20.05	21.4	0.0
40	QPSK	108	108	20.16	20.05	20.15	21.4	0.0
40	QPSK	216	0	20.15	20.18	20.17		
40	16QAM	1	1	20.05	20.15	20.05	21.4	0.0
40	64QAM	1	1	20.00	20.24	20.19	21.4	0.0
40	256QAM	1	1	20.14	20.14	19.93	21.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.15	20.07	20.20	21.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.00	20.17	20.03	21.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.16	20.12	20.19	21.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.22	20.04	20.23	21.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.03	20.20	20.18	21.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.14	20.19	20.23	21.4	0.0

n66 Other PA Ant3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.62	20.57	20.39	21.5	0.0
40	PI/2 BPSK	1	108	20.46	20.64	20.41		
40	PI/2 BPSK	1	214	20.62	20.66	20.58		
40	PI/2 BPSK	108	0	20.45	20.59	20.39	21.5	0.0
40	PI/2 BPSK	108	54	20.46	20.58	20.41	21.5	0.0
40	PI/2 BPSK	108	108	20.49	20.66	20.52	21.5	0.0
40	PI/2 BPSK	216	0	20.55	20.57	20.58		
40	QPSK	1	1	20.65	20.68	20.51	21.5	0.0
40	QPSK	1	108	20.53	20.61	20.44		
40	QPSK	1	214	20.55	20.61	20.62		
40	QPSK	108	0	20.58	20.63	20.44	21.5	0.0
40	QPSK	108	54	20.63	20.66	20.41	21.5	0.0
40	QPSK	108	108	20.56	20.61	20.55	21.5	0.0
40	QPSK	216	0	20.49	20.57	20.51		
40	16QAM	1	1	20.52	20.57	20.51	21.5	0.0
40	64QAM	1	1	20.50	20.64	20.44	21.5	0.0
40	256QAM	1	1	19.00	18.99	19.00	20.0	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.44	20.58	20.43	21.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.65	20.60	20.40	21.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.56	20.56	20.40	21.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.65	20.60	20.45	21.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.57	20.63	20.48	21.5	0.0

n38 Other PA Ant3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.04	20.15	20.03	21.1	0.0
40	PI/2 BPSK	1	53	20.10	20.13	20.20		
40	PI/2 BPSK	1	104	20.08	20.21	20.02		
40	PI/2 BPSK	50	0	20.15	20.15	20.13	21.1	0.0
40	PI/2 BPSK	50	28	19.99	20.16	20.06	21.1	0.0
40	PI/2 BPSK	50	56	20.14	20.06	20.15	21.1	0.0
40	PI/2 BPSK	100	0	20.03	20.13	20.11		
40	QPSK	1	1	20.00	20.23	20.04	21.1	0.0
40	QPSK	1	53	20.19	20.18	20.03		
40	QPSK	1	104	20.11	20.18	20.19		
40	QPSK	50	0	20.16	20.17	20.06	21.1	0.0
40	QPSK	50	28	20.18	20.20	20.06	21.1	0.0
40	QPSK	50	56	20.19	20.09	20.08	21.1	0.0
40	QPSK	100	0	20.12	20.16	20.14		
40	16QAM	1	1	19.98	20.13	20.04	21.1	0.0
40	64QAM	1	1	19.99	20.17	20.03	21.1	0.0
40	256QAM	1	1	18.47	18.64	18.43	19.6	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.20	20.18	20.19	21.1	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.04	20.16	20.02	21.1	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.97	20.09	20.17	21.1	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.06	20.03	20.06	21.1	0.0

n41 Other PA Ant3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.00	20.23	20.08	21.1	0.0
100	PI/2 BPSK	1	137	20.07	20.25	20.21		
100	PI/2 BPSK	1	271	20.05	20.19	20.22		
100	PI/2 BPSK	135	0	20.16	20.05	20.21	21.1	0.0
100	PI/2 BPSK	135	69	20.14	20.07	20.05	21.1	0.0
100	PI/2 BPSK	135	138	19.99	20.05	20.04	21.1	0.0
100	PI/2 BPSK	270	0	20.12	20.10	20.13		
100	QPSK	1	1	20.22	20.26	20.14	21.1	0.0
100	QPSK	1	137	20.17	20.24	20.02		
100	QPSK	1	271	20.06	20.05	20.16		
100	QPSK	135	0	20.17	20.21	20.11	21.1	0.0
100	QPSK	135	69	20.08	20.24	20.12	21.1	0.0
100	QPSK	135	138	20.18	20.15	20.16	21.1	0.0
100	QPSK	270	0	20.04	20.22	20.12		
100	16QAM	1	1	20.08	20.23	20.21	21.1	0.0
100	64QAM	1	1	20.18	20.14	20.19	21.1	0.0
100	256QAM	1	1	20.18	20.16	20.02	21.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.00	20.07	20.06	21.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.17	20.17	20.03	21.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.00	20.06	20.00	21.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.02	20.04	20.01	21.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.03	20.11	20.07	21.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.00	20.17	20.22	21.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.19	20.20	20.16	21.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.16	20.08	20.02	21.1	0.0

Reduced Power Mode for Other PA DSI9

n2 Other PA Ant0 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.30	19.35	19.30	20.7	0.0
20	PI/2 BPSK	1	53	19.48	19.34	19.26		
20	PI/2 BPSK	1	104	19.48	19.34	19.16		
20	PI/2 BPSK	50	0	19.37	19.37	19.26	20.7	0.0
20	PI/2 BPSK	50	28	19.40	19.46	19.18	20.7	0.0
20	PI/2 BPSK	50	56	19.38	19.32	19.23	20.7	0.0
20	PI/2 BPSK	100	0	19.36	19.48	19.27		
20	QPSK	1	1	19.51	19.53	19.34	20.7	0.0
20	QPSK	1	53	19.34	19.42	19.15		
20	QPSK	1	104	19.38	19.35	19.25		
20	QPSK	50	0	19.43	19.43	19.28	20.7	0.0
20	QPSK	50	28	19.37	19.50	19.20	20.7	0.0
20	QPSK	50	56	19.46	19.48	19.15	20.7	0.0
20	QPSK	100	0	19.46	19.49	19.26		
20	16QAM	1	1	19.34	19.44	19.22	20.7	0.0
20	64QAM	1	1	19.42	19.36	19.34	20.7	0.0
20	256QAM	1	1	19.47	19.40	19.26	20.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.32	19.37	19.32	20.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.51	19.33	19.24	20.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.34	19.43	19.17	20.7	0.0

n7 Other PA Ant0 DSI9

BW [MHz]	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	PI/2 BPSK	1	1	18.31	18.60	18.36	19.5	0.0
40	PI/2 BPSK	1	108	18.38	18.46	18.39		
40	PI/2 BPSK	1	214	18.29	18.48	18.34		
40	PI/2 BPSK	108	0	18.24	18.56	18.42	19.5	0.0
40	PI/2 BPSK	108	54	18.26	18.44	18.54	19.5	0.0
40	PI/2 BPSK	108	108	18.33	18.49	18.52	19.5	0.0
40	PI/2 BPSK	216	0	18.31	18.40	18.49		
40	QPSK	1	1	18.40	18.61	18.54	19.5	0.0
40	QPSK	1	108	18.29	18.55	18.41		
40	QPSK	1	214	18.41	18.53	18.38		
40	QPSK	108	0	18.32	18.55	18.46	19.5	0.0
40	QPSK	108	54	18.29	18.60	18.34	19.5	0.0
40	QPSK	108	108	18.21	18.49	18.56	19.5	0.0
40	QPSK	216	0	18.40	18.58	18.36		
40	16QAM	1	1	18.39	18.40	18.41	19.5	0.0
40	64QAM	1	1	18.38	18.55	18.41	19.5	0.0
40	256QAM	1	1	18.26	18.43	18.54	19.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.31	18.50	18.37	19.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.42	18.47	18.43	19.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.40	18.44	18.50	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.40	18.55	18.48	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.21	18.41	18.49	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.38	18.54	18.47	19.5	0.0

n66 Other PA Ant0 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.87	19.06	18.79	20.3	0.0
40	PI/2 BPSK	1	108	18.86	18.95	18.78		
40	PI/2 BPSK	1	214	18.94	18.93	18.77		
40	PI/2 BPSK	108	0	18.97	19.00	18.90	20.3	0.0
40	PI/2 BPSK	108	54	18.86	19.01	18.89	20.3	0.0
40	PI/2 BPSK	108	108	18.82	18.87	18.76	20.3	0.0
40	PI/2 BPSK	216	0	18.84	18.99	18.90		
40	QPSK	1	1	19.04	19.08	18.98	20.3	0.0
40	QPSK	1	108	18.97	19.05	18.83		
40	QPSK	1	214	18.89	19.05	18.84		
40	QPSK	108	0	18.95	19.04	18.84	20.3	0.0
40	QPSK	108	54	18.89	19.06	18.89	20.3	0.0
40	QPSK	108	108	19.05	18.86	18.81	20.3	0.0
40	QPSK	216	0	18.87	19.00	18.97		
40	16QAM	1	1	19.02	18.94	18.93	20.3	0.0
40	64QAM	1	1	18.92	18.97	18.88	20.3	0.0
40	256QAM	1	1	19.00	18.96	18.81	20.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.97	18.90	18.91	20.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.95	18.86	18.92	20.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.95	19.04	18.83	20.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.99	19.02	18.89	20.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.87	18.90	18.92	20.3	0.0

n38 Other PA Ant0 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.47	19.73	19.68	20.4	0.0
40	PI/2 BPSK	1	53	19.59	19.72	19.52		
40	PI/2 BPSK	1	104	19.62	19.69	19.66		
40	PI/2 BPSK	50	0	19.60	19.65	19.53	20.4	0.0
40	PI/2 BPSK	50	28	19.48	19.71	19.68	20.4	0.0
40	PI/2 BPSK	50	56	19.57	19.59	19.58	20.4	0.0
40	PI/2 BPSK	100	0	19.66	19.60	19.50		
40	QPSK	1	1	19.65	19.74	19.68	20.4	0.0
40	QPSK	1	53	19.53	19.72	19.54		
40	QPSK	1	104	19.57	19.65	19.49		
40	QPSK	50	0	19.55	19.63	19.56	20.4	0.0
40	QPSK	50	28	19.49	19.70	19.61	20.4	0.0
40	QPSK	50	56	19.51	19.54	19.50	20.4	0.0
40	QPSK	100	0	19.54	19.61	19.60		
40	16QAM	1	1	19.54	19.56	19.56	20.4	0.0
40	64QAM	1	1	19.52	19.65	19.48	20.4	0.0
40	256QAM	1	1	19.01	19.22	19.35	19.9	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.62	19.70	19.57	20.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.57	19.66	19.47	20.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.45	19.57	19.47	20.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.67	19.72	19.64	20.4	0.0

n41 Other PA Ant0 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.18	19.77	19.52	20.4	0.0
100	PI/2 BPSK	1	137	19.20	19.69	19.46		
100	PI/2 BPSK	1	271	19.35	19.84	19.43		
100	PI/2 BPSK	135	0	19.32	19.81	19.36	20.4	0.0
100	PI/2 BPSK	135	69	19.23	19.78	19.58	20.4	0.0
100	PI/2 BPSK	135	138	19.29	19.71	19.52	20.4	0.0
100	PI/2 BPSK	270	0	19.36	19.83	19.54		
100	QPSK	1	1	19.36	19.89	19.57	20.4	0.0
100	QPSK	1	137	19.24	19.86	19.40		
100	QPSK	1	271	19.18	19.77	19.44		
100	QPSK	135	0	19.37	19.83	19.52	20.4	0.0
100	QPSK	135	69	19.23	19.88	19.35	20.4	0.0
100	QPSK	135	138	19.30	19.83	19.44	20.4	0.0
100	QPSK	270	0	19.22	19.86	19.39		
100	16QAM	1	1	19.35	19.78	19.54	20.4	0.0
100	64QAM	1	1	19.16	19.82	19.49	20.4	0.0
100	256QAM	1	1	19.23	19.83	19.53	20.4	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.29	19.78	19.51	20.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.18	19.83	19.45	20.4	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.20	19.73	19.43	20.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.23	19.71	19.45	20.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.14	19.85	19.53	20.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.26	19.76	19.58	20.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.36	19.75	19.36	20.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.18	19.70	19.43	20.4	0.0

n2 Other PA Ant1 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	10.86	11.13	11.00	12.3	0.0
20	PI/2 BPSK	1	53	11.02	11.00	10.91		
20	PI/2 BPSK	1	104	11.01	10.99	11.00		
20	PI/2 BPSK	50	0	10.84	11.00	11.07	12.3	0.0
20	PI/2 BPSK	50	28	10.97	11.04	11.05	12.3	0.0
20	PI/2 BPSK	50	56	10.86	10.98	11.01	12.3	0.0
20	PI/2 BPSK	100	0	10.85	10.98	10.91		
20	QPSK	1	1	11.03	11.19	11.11	12.3	0.0
20	QPSK	1	53	10.98	11.15	11.06		
20	QPSK	1	104	10.93	11.00	11.05		
20	QPSK	50	0	10.82	11.00	10.96	12.3	0.0
20	QPSK	50	28	10.91	11.18	11.10	12.3	0.0
20	QPSK	50	56	10.83	11.11	10.98	12.3	0.0
20	QPSK	100	0	10.95	11.15	10.95		
20	16QAM	1	1	10.94	11.09	10.91	12.3	0.0
20	64QAM	1	1	11.04	11.14	10.92	12.3	0.0
20	256QAM	1	1	11.03	11.05	10.93	12.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	11.03	11.01	10.98	12.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	10.87	11.09	10.94	12.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	10.91	11.04	10.99	12.3	0.0

n7 Other PA Ant1 DSI9

BW [MHz]	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	PI/2 BPSK	1	1	15.12	15.23	15.08	16.4	0.0
40	PI/2 BPSK	1	108	15.18	15.26	15.12		
40	PI/2 BPSK	1	214	15.14	15.21	15.19		
40	PI/2 BPSK	108	0	15.25	15.35	15.19	16.4	0.0
40	PI/2 BPSK	108	54	15.12	15.26	15.06	16.4	0.0
40	PI/2 BPSK	108	108	15.23	15.18	15.21	16.4	0.0
40	PI/2 BPSK	216	0	15.15	15.31	15.16		
40	QPSK	1	1	15.26	15.39	15.26	16.4	0.0
40	QPSK	1	108	15.26	15.31	15.14		
40	QPSK	1	214	15.06	15.26	15.10		
40	QPSK	108	0	15.27	15.31	15.15	16.4	0.0
40	QPSK	108	54	15.19	15.38	15.14	16.4	0.0
40	QPSK	108	108	15.13	15.25	15.06	16.4	0.0
40	QPSK	216	0	15.23	15.37	15.20		
40	16QAM	1	1	15.18	15.27	15.22	16.4	0.0
40	64QAM	1	1	15.19	15.32	15.19	16.4	0.0
40	256QAM	1	1	15.07	15.30	15.12	16.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.25	15.22	15.22	16.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.25	15.37	15.24	16.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.14	15.25	15.21	16.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.08	15.17	15.28	16.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.16	15.17	15.13	16.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.27	15.38	15.19	16.4	0.0

n66 Other PA Ant1 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	9.31	9.37	9.27	10.5	0.0
40	PI/2 BPSK	1	108	9.23	9.44	9.20		
40	PI/2 BPSK	1	214	9.24	9.47	9.42		
40	PI/2 BPSK	108	0	9.16	9.40	9.39	10.5	0.0
40	PI/2 BPSK	108	54	9.32	9.53	9.41	10.5	0.0
40	PI/2 BPSK	108	108	9.16	9.42	9.26	10.5	0.0
40	PI/2 BPSK	216	0	9.18	9.41	9.30		
40	QPSK	1	1	9.38	9.55	9.42	10.5	0.0
40	QPSK	1	108	9.19	9.43	9.34		
40	QPSK	1	214	9.23	9.51	9.25		
40	QPSK	108	0	9.21	9.41	9.29	10.5	0.0
40	QPSK	108	54	9.32	9.49	9.36	10.5	0.0
40	QPSK	108	108	9.30	9.45	9.37	10.5	0.0
40	QPSK	216	0	9.26	9.43	9.33		
40	16QAM	1	1	9.28	9.46	9.33	10.5	0.0
40	64QAM	1	1	9.39	9.39	9.32	10.5	0.0
40	256QAM	1	1	9.39	9.40	9.21	10.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	9.17	9.34	9.31	10.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	9.22	9.34	9.24	10.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	9.19	9.48	9.36	10.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	9.24	9.54	9.39	10.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	9.36	9.34	9.44	10.5	0.0

n38 Other PA Ant1 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	13.96	14.12	14.00	15.4	0.0
40	PI/2 BPSK	1	53	14.13	14.13	13.91		
40	PI/2 BPSK	1	104	14.18	14.26	13.89		
40	PI/2 BPSK	50	0	14.07	14.11	13.88	15.4	0.0
40	PI/2 BPSK	50	28	14.15	14.13	13.83	15.4	0.0
40	PI/2 BPSK	50	56	14.09	14.14	13.87	15.4	0.0
40	PI/2 BPSK	100	0	13.96	14.20	13.89		
40	QPSK	1	1	14.17	14.29	13.99	15.4	0.0
40	QPSK	1	53	14.19	14.17	13.90		
40	QPSK	1	104	14.05	14.21	13.96		
40	QPSK	50	0	14.04	14.22	13.97	15.4	0.0
40	QPSK	50	28	13.95	14.25	13.85	15.4	0.0
40	QPSK	50	56	14.09	14.17	13.89	15.4	0.0
40	QPSK	100	0	14.02	14.08	13.95		
40	16QAM	1	1	14.04	14.16	13.87	15.4	0.0
40	64QAM	1	1	14.12	14.19	13.85	15.4	0.0
40	256QAM	1	1	14.04	14.19	13.78	15.4	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.11	14.11	13.80	15.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.18	14.11	13.83	15.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.10	14.15	13.81	15.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.00	14.28	13.90	15.4	0.0

n41 Other PA Ant1 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.07	14.13	13.87	15.4	0.0
100	PI/2 BPSK	1	137	14.14	14.17	13.80		
100	PI/2 BPSK	1	271	14.03	14.17	13.79		
100	PI/2 BPSK	135	0	14.11	14.09	13.86	15.4	0.0
100	PI/2 BPSK	135	69	13.99	14.07	13.92	15.4	0.0
100	PI/2 BPSK	135	138	13.99	14.14	13.82	15.4	0.0
100	PI/2 BPSK	270	0	14.13	14.16	13.90		
100	QPSK	1	1	14.12	14.28	13.95	15.4	0.0
100	QPSK	1	137	14.13	14.11	13.79		
100	QPSK	1	271	14.08	14.21	13.91		
100	QPSK	135	0	13.97	14.08	13.81	15.4	0.0
100	QPSK	135	69	14.10	14.25	13.81	15.4	0.0
100	QPSK	135	138	13.98	14.14	13.91	15.4	0.0
100	QPSK	270	0	14.12	14.23	13.83		
100	16QAM	1	1	14.00	14.27	13.93	15.4	0.0
100	64QAM	1	1	13.92	14.23	13.73	15.4	0.0
100	256QAM	1	1	14.11	14.20	13.79	15.4	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.07	14.26	13.89	15.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.05	14.20	13.82	15.4	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.12	14.07	13.95	15.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.09	14.19	13.75	15.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.04	14.10	13.88	15.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.06	14.26	13.92	15.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	13.95	14.08	13.77	15.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.08	14.09	13.75	15.4	0.0

n2 Other PA Ant2 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.23	21.37	21.21	22.5	0.0
20	PI/2 BPSK	1	53	21.17	21.25	21.14		
20	PI/2 BPSK	1	104	21.13	21.21	21.09		
20	PI/2 BPSK	50	0	21.03	21.21	21.06	22.5	0.0
20	PI/2 BPSK	50	28	21.09	21.22	21.21	22.5	0.0
20	PI/2 BPSK	50	56	21.07	21.21	21.22	22.5	0.0
20	PI/2 BPSK	100	0	21.19	21.25	21.10		
20	QPSK	1	1	21.37	21.40	21.31	22.5	0.0
20	QPSK	1	53	21.22	21.23	21.04		
20	QPSK	1	104	21.02	21.19	21.11		
20	QPSK	50	0	21.12	21.31	21.30	22.5	0.0
20	QPSK	50	28	21.23	21.32	21.24	22.5	0.0
20	QPSK	50	56	21.19	21.19	21.01	22.5	0.0
20	QPSK	100	0	21.13	21.27	21.21		
20	16QAM	1	1	21.26	21.36	21.25	22.5	0.0
20	64QAM	1	1	20.09	20.01	20.08	21.5	1.0
20	256QAM	1	1	18.34	18.36	18.37	19.5	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.20	21.27	21.13	22.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.26	21.39	21.14	22.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.16	21.33	21.24	22.5	0.0

n7 Other PA Ant2 DSI9

BW [MHz]	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	PI/2 BPSK	1	1	20.65	21.18	20.96	22.2	0.0
40	PI/2 BPSK	1	108	20.73	21.15	20.80		
40	PI/2 BPSK	1	214	20.78	21.16	20.83		
40	PI/2 BPSK	108	0	20.75	21.15	20.92	22.2	0.0
40	PI/2 BPSK	108	54	20.63	21.24	20.99	22.2	0.0
40	PI/2 BPSK	108	108	20.70	21.21	20.95	22.2	0.0
40	PI/2 BPSK	216	0	20.60	21.05	20.79		
40	QPSK	1	1	20.78	21.25	21.00	22.2	0.0
40	QPSK	1	108	20.62	21.21	20.81		
40	QPSK	1	214	20.62	21.21	20.78		
40	QPSK	108	0	20.76	21.11	20.86	22.2	0.0
40	QPSK	108	54	20.77	21.20	20.94	22.2	0.0
40	QPSK	108	108	20.70	21.13	20.83	22.2	0.0
40	QPSK	216	0	20.72	21.14	20.81		
40	16QAM	1	1	20.76	21.12	20.89	22.2	0.0
40	64QAM	1	1	20.72	21.22	21.02	22.2	0.0
40	256QAM	1	1	19.21	19.30	19.06	20.7	1.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.73	21.06	20.98	22.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.59	21.19	20.99	22.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.60	21.08	20.89	22.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.66	21.04	20.96	22.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.56	21.06	20.82	22.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.60	21.13	20.89	22.2	0.0

n66 Other PA Ant2 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.16	20.10	20.02	21.3	0.0
40	PI/2 BPSK	1	108	19.96	20.13	19.95		
40	PI/2 BPSK	1	214	20.14	20.03	19.91		
40	PI/2 BPSK	108	0	20.10	20.15	20.05	21.3	0.0
40	PI/2 BPSK	108	54	20.08	19.98	19.98	21.3	0.0
40	PI/2 BPSK	108	108	20.02	20.13	20.10	21.3	0.0
40	PI/2 BPSK	216	0	20.07	19.99	19.88		
40	QPSK	1	1	20.16	20.19	20.10	21.3	0.0
40	QPSK	1	108	20.05	20.04	20.02		
40	QPSK	1	214	19.95	20.15	20.01		
40	QPSK	108	0	19.95	20.03	20.01	21.3	0.0
40	QPSK	108	54	20.17	20.18	20.07	21.3	0.0
40	QPSK	108	108	19.99	20.14	19.89	21.3	0.0
40	QPSK	216	0	19.96	20.07	19.90		
40	16QAM	1	1	20.12	20.13	19.91	21.3	0.0
40	64QAM	1	1	20.17	19.99	20.06	21.3	0.0
40	256QAM	1	1	18.00	18.24	17.98	19.3	2.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.00	20.03	20.09	21.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.15	20.14	19.90	21.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.99	20.03	20.02	21.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.17	20.14	20.03	21.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.99	20.07	20.02	21.3	0.0

n38 Other PA Ant2 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.94	20.06	20.06	21.5	0.0
40	PI/2 BPSK	1	53	20.01	20.14	19.99		
40	PI/2 BPSK	1	104	20.06	20.18	20.17		
40	PI/2 BPSK	50	0	19.86	20.18	20.05	21.5	0.0
40	PI/2 BPSK	50	28	20.06	20.03	19.95	21.5	0.0
40	PI/2 BPSK	50	56	19.96	20.18	19.99	21.5	0.0
40	PI/2 BPSK	100	0	19.95	20.05	19.96		
40	QPSK	1	1	20.07	20.19	20.17	21.5	0.0
40	QPSK	1	53	20.05	20.17	20.11		
40	QPSK	1	104	19.91	20.07	20.14		
40	QPSK	50	0	19.92	20.03	20.05	21.5	0.0
40	QPSK	50	28	19.96	20.17	20.14	21.5	0.0
40	QPSK	50	56	20.00	20.10	20.10	21.5	0.0
40	QPSK	100	0	20.08	20.11	19.97		
40	16QAM	1	1	20.07	20.16	20.12	21.5	0.0
40	64QAM	1	1	19.92	20.09	20.07	21.5	0.0
40	256QAM	1	1	18.19	18.17	18.03	20.0	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.07	20.07	20.08	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.89	20.08	20.02	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.89	20.07	19.97	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.86	20.08	20.00	21.5	0.0

n41 Other PA Ant2 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.87	20.58	20.24	21.5	0.0
100	PI/2 BPSK	1	137	19.91	20.46	20.11		
100	PI/2 BPSK	1	271	19.84	20.41	20.25		
100	PI/2 BPSK	135	0	20.05	20.60	20.16	21.5	0.0
100	PI/2 BPSK	135	69	20.06	20.57	20.28	21.5	0.0
100	PI/2 BPSK	135	138	20.06	20.48	20.06	21.5	0.0
100	PI/2 BPSK	270	0	19.87	20.57	20.15		
100	QPSK	1	1	20.05	20.61	20.27	21.5	0.0
100	QPSK	1	137	19.92	20.48	20.25		
100	QPSK	1	271	19.92	20.57	20.12		
100	QPSK	135	0	19.84	20.55	20.27	21.5	0.0
100	QPSK	135	69	19.94	20.60	20.07	21.5	0.0
100	QPSK	135	138	19.87	20.50	20.15	21.5	0.0
100	QPSK	270	0	20.03	20.50	20.12		
100	16QAM	1	1	19.87	20.55	20.07	21.5	0.0
100	64QAM	1	1	19.87	20.46	20.22	21.5	0.0
100	256QAM	1	1	20.02	20.48	20.21	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.05	20.47	20.26	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.85	20.43	20.18	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.05	20.56	20.07	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.98	20.53	20.07	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.01	20.42	20.17	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.85	20.46	20.25	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.03	20.55	20.23	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.91	20.58	20.29	21.5	0.0

n2 Other PA Ant3 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	14.74	14.85	14.95	16.3	0.0
20	PI/2 BPSK	1	53	14.80	14.76	14.78		
20	PI/2 BPSK	1	104	14.77	14.79	14.80		
20	PI/2 BPSK	50	0	14.91	14.93	14.84	16.3	0.0
20	PI/2 BPSK	50	28	14.74	14.82	14.75	16.3	0.0
20	PI/2 BPSK	50	56	14.71	14.96	14.75	16.3	0.0
20	PI/2 BPSK	100	0	14.75	14.90	14.92		
20	QPSK	1	1	14.92	14.98	14.93	16.3	0.0
20	QPSK	1	53	14.72	14.78	14.80		
20	QPSK	1	104	14.87	14.76	14.88		
20	QPSK	50	0	14.92	14.80	14.90	16.3	0.0
20	QPSK	50	28	14.78	14.96	14.88	16.3	0.0
20	QPSK	50	56	14.91	14.94	14.81	16.3	0.0
20	QPSK	100	0	14.73	14.95	14.90		
20	16QAM	1	1	14.93	14.91	14.87	16.3	0.0
20	64QAM	1	1	14.74	14.97	14.77	16.3	0.0
20	256QAM	1	1	14.73	14.96	14.72	16.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	14.72	14.91	14.84	16.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	14.75	14.84	14.91	16.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	14.77	14.95	14.91	16.3	0.0

n7 Other PA Ant3 DSI9

BW [MHz]	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	PI/2 BPSK	1	1	18.67	18.56	18.67	19.7	0.0
40	PI/2 BPSK	1	108	18.52	18.56	18.59		
40	PI/2 BPSK	1	214	18.64	18.65	18.51		
40	PI/2 BPSK	108	0	18.57	18.69	18.61	19.7	0.0
40	PI/2 BPSK	108	54	18.62	18.59	18.49	19.7	0.0
40	PI/2 BPSK	108	108	18.67	18.62	18.52	19.7	0.0
40	PI/2 BPSK	216	0	18.63	18.70	18.55		
40	QPSK	1	1	18.68	18.73	18.66	19.7	0.0
40	QPSK	1	108	18.56	18.62	18.65		
40	QPSK	1	214	18.64	18.55	18.48		
40	QPSK	108	0	18.67	18.54	18.54	19.7	0.0
40	QPSK	108	54	18.57	18.70	18.57	19.7	0.0
40	QPSK	108	108	18.67	18.57	18.67	19.7	0.0
40	QPSK	216	0	18.65	18.68	18.60		
40	16QAM	1	1	18.58	18.58	18.45	19.7	0.0
40	64QAM	1	1	18.58	18.62	18.51	19.7	0.0
40	256QAM	1	1	18.55	18.52	18.50	19.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.65	18.57	18.57	19.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.62	18.52	18.54	19.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.61	18.71	18.44	19.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.66	18.68	18.60	19.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.56	18.62	18.45	19.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.55	18.72	18.65	19.7	0.0

n66 Other PA Ant3 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.06	15.06	14.83	16.3	0.0
40	PI/2 BPSK	1	108	15.04	15.09	14.92		
40	PI/2 BPSK	1	214	15.05	15.06	14.98		
40	PI/2 BPSK	108	0	15.12	15.12	14.80	16.3	0.0
40	PI/2 BPSK	108	54	15.06	15.04	14.87	16.3	0.0
40	PI/2 BPSK	108	108	15.13	15.02	14.89	16.3	0.0
40	PI/2 BPSK	216	0	15.08	15.04	14.80		
40	QPSK	1	1	15.15	15.20	14.98	16.3	0.0
40	QPSK	1	108	15.11	15.16	14.85		
40	QPSK	1	214	15.09	15.08	14.80		
40	QPSK	108	0	15.01	15.16	14.93	16.3	0.0
40	QPSK	108	54	14.98	15.18	14.90	16.3	0.0
40	QPSK	108	108	15.04	15.13	14.79	16.3	0.0
40	QPSK	216	0	15.15	15.17	14.90		
40	16QAM	1	1	15.02	15.11	14.78	16.3	0.0
40	64QAM	1	1	15.13	15.19	14.93	16.3	0.0
40	256QAM	1	1	15.04	15.06	14.87	16.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	14.94	15.01	14.98	16.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.04	15.17	14.93	16.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.10	15.06	14.81	16.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	14.99	15.14	14.99	16.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.16	15.13	14.93	16.3	0.0

n38 Other PA Ant3 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.14	18.23	18.10	18.9	0.0
40	PI/2 BPSK	1	53	18.08	18.18	18.22		
40	PI/2 BPSK	1	104	18.12	18.21	18.07		
40	PI/2 BPSK	50	0	18.03	18.11	18.08	18.9	0.0
40	PI/2 BPSK	50	28	18.15	18.12	18.26	18.9	0.0
40	PI/2 BPSK	50	56	17.95	18.11	18.19	18.9	0.0
40	PI/2 BPSK	100	0	18.13	18.21	18.22		
40	QPSK	1	1	18.14	18.27	18.26	18.9	0.0
40	QPSK	1	53	18.04	18.12	18.22		
40	QPSK	1	104	18.01	18.25	18.20		
40	QPSK	50	0	17.96	18.16	18.15	18.9	0.0
40	QPSK	50	28	18.00	18.26	18.13	18.9	0.0
40	QPSK	50	56	18.15	18.06	18.11	18.9	0.0
40	QPSK	100	0	18.04	18.25	18.10		
40	16QAM	1	1	17.99	18.19	18.15	18.9	0.0
40	64QAM	1	1	18.00	18.18	18.25	18.9	0.0
40	256QAM	1	1	18.00	18.23	18.12	18.9	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.94	18.13	18.08	18.9	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.15	18.24	18.04	18.9	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.94	18.11	18.13	18.9	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.93	18.23	18.10	18.9	0.0

n41 Other PA Ant3 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.73	17.95	17.87	18.9	0.0
100	PI/2 BPSK	1	137	17.91	17.96	17.98		
100	PI/2 BPSK	1	271	17.70	18.03	17.84		
100	PI/2 BPSK	135	0	17.81	17.96	17.91	18.9	0.0
100	PI/2 BPSK	135	69	17.72	18.04	17.87	18.9	0.0
100	PI/2 BPSK	135	138	17.92	17.95	18.03	18.9	0.0
100	PI/2 BPSK	270	0	17.92	17.92	17.90		
100	QPSK	1	1	17.91	18.09	18.05	18.9	0.0
100	QPSK	1	137	17.69	17.90	17.92		
100	QPSK	1	271	17.71	17.96	17.97		
100	QPSK	135	0	17.76	17.97	17.88	18.9	0.0
100	QPSK	135	69	17.87	18.05	18.02	18.9	0.0
100	QPSK	135	138	17.70	18.03	17.92	18.9	0.0
100	QPSK	270	0	17.87	18.00	17.97		
100	16QAM	1	1	17.71	18.00	18.01	18.9	0.0
100	64QAM	1	1	17.77	17.97	17.96	18.9	0.0
100	256QAM	1	1	17.81	18.01	17.95	18.9	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.70	17.89	17.84	18.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	17.77	17.90	17.97	18.9	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.70	17.90	18.01	18.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.70	18.02	17.90	18.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.92	18.01	17.87	18.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.82	17.99	17.93	18.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.89	17.92	17.90	18.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.91	17.89	18.00	18.9	0.0

Reduced Power Mode for Other PA DSI10

n2 Other PA Ant0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.30	19.35	19.30	20.9	0.0
20	PI/2 BPSK	1	53	19.48	19.34	19.26		
20	PI/2 BPSK	1	104	19.48	19.34	19.16		
20	PI/2 BPSK	50	0	19.37	19.37	19.26	20.9	0.0
20	PI/2 BPSK	50	28	19.40	19.46	19.18	20.9	0.0
20	PI/2 BPSK	50	56	19.38	19.32	19.23	20.9	0.0
20	PI/2 BPSK	100	0	19.36	19.48	19.27		
20	QPSK	1	1	19.51	19.53	19.34	20.9	0.0
20	QPSK	1	53	19.34	19.42	19.15		
20	QPSK	1	104	19.38	19.35	19.25		
20	QPSK	50	0	19.43	19.43	19.28	20.9	0.0
20	QPSK	50	28	19.37	19.50	19.20	20.9	0.0
20	QPSK	50	56	19.46	19.48	19.15	20.9	0.0
20	QPSK	100	0	19.46	19.49	19.26		
20	16QAM	1	1	19.34	19.44	19.22	20.9	0.0
20	64QAM	1	1	19.42	19.36	19.34	20.9	0.0
20	256QAM	1	1	19.47	19.40	19.26	20.9	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.32	19.37	19.32	20.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.51	19.33	19.24	20.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.34	19.43	19.17	20.9	0.0

n7 Other PA Ant0 DSI10

BW [MHz]	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	PI/2 BPSK	1	1	15.72	15.91	16.03	17.2	0.0
40	PI/2 BPSK	1	108	15.76	16.06	15.82		
40	PI/2 BPSK	1	214	15.76	15.89	15.81		
40	PI/2 BPSK	108	0	15.78	16.03	15.81	17.2	0.0
40	PI/2 BPSK	108	54	15.70	15.98	16.02	17.2	0.0
40	PI/2 BPSK	108	108	15.69	15.91	15.83	17.2	0.0
40	PI/2 BPSK	216	0	15.83	15.97	15.85		
40	QPSK	1	1	15.78	16.10	16.03	17.2	0.0
40	QPSK	1	108	15.65	16.09	15.85		
40	QPSK	1	214	15.84	16.02	15.87		
40	QPSK	108	0	15.81	15.89	15.89	17.2	0.0
40	QPSK	108	54	15.69	16.07	15.97	17.2	0.0
40	QPSK	108	108	15.81	15.95	16.01	17.2	0.0
40	QPSK	216	0	15.75	16.05	16.01		
40	16QAM	1	1	15.83	15.94	15.96	17.2	0.0
40	64QAM	1	1	15.64	16.06	15.98	17.2	0.0
40	256QAM	1	1	15.79	15.92	15.96	17.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.65	16.02	15.93	17.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.75	15.98	15.84	17.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.75	16.04	15.89	17.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.73	15.93	15.88	17.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.77	15.93	16.00	17.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.71	15.91	15.84	17.2	0.0

n66 Other PA Ant0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.37	17.53	17.30	18.4	0.0
40	PI/2 BPSK	1	108	17.38	17.61	17.45		
40	PI/2 BPSK	1	214	17.37	17.46	17.45		
40	PI/2 BPSK	108	0	17.37	17.49	17.45	18.4	0.0
40	PI/2 BPSK	108	54	17.52	17.53	17.36	18.4	0.0
40	PI/2 BPSK	108	108	17.34	17.45	17.34	18.4	0.0
40	PI/2 BPSK	216	0	17.37	17.50	17.38		
40	QPSK	1	1	17.47	17.62	17.41	18.4	0.0
40	QPSK	1	108	17.51	17.51	17.53		
40	QPSK	1	214	17.36	17.44	17.41		
40	QPSK	108	0	17.44	17.45	17.44	18.4	0.0
40	QPSK	108	54	17.35	17.50	17.49	18.4	0.0
40	QPSK	108	108	17.35	17.49	17.47	18.4	0.0
40	QPSK	216	0	17.42	17.46	17.37		
40	16QAM	1	1	17.43	17.54	17.35	18.4	0.0
40	64QAM	1	1	17.51	17.52	17.41	18.4	0.0
40	256QAM	1	1	17.50	17.51	17.41	18.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.35	17.42	17.32	18.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.43	17.43	17.49	18.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.50	17.55	17.34	18.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.49	17.53	17.40	18.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.52	17.53	17.46	18.4	0.0

n38 Other PA Ant0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.71	15.64	15.73	16.9	0.0
40	PI/2 BPSK	1	53	15.59	15.73	15.75		
40	PI/2 BPSK	1	104	15.56	15.67	15.64		
40	PI/2 BPSK	50	0	15.69	15.65	15.80	16.9	0.0
40	PI/2 BPSK	50	28	15.69	15.79	15.71	16.9	0.0
40	PI/2 BPSK	50	56	15.61	15.83	15.78	16.9	0.0
40	PI/2 BPSK	100	0	15.67	15.80	15.77		
40	QPSK	1	1	15.56	15.85	15.77	16.9	0.0
40	QPSK	1	53	15.71	15.65	15.58		
40	QPSK	1	104	15.58	15.75	15.60		
40	QPSK	50	0	15.60	15.79	15.78	16.9	0.0
40	QPSK	50	28	15.78	15.80	15.76	16.9	0.0
40	QPSK	50	56	15.60	15.62	15.79	16.9	0.0
40	QPSK	100	0	15.65	15.78	15.76		
40	16QAM	1	1	15.73	15.64	15.59	16.9	0.0
40	64QAM	1	1	15.58	15.64	15.67	16.9	0.0
40	256QAM	1	1	15.62	15.69	15.69	16.9	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.59	15.76	15.59	16.9	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.71	15.78	15.59	16.9	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.70	15.68	15.57	16.9	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.67	15.84	15.78	16.9	0.0

n41 Other PA Ant0 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.45	15.85	15.54	16.9	0.0
100	PI/2 BPSK	1	137	15.36	15.92	15.53		
100	PI/2 BPSK	1	271	15.37	15.86	15.49		
100	PI/2 BPSK	135	0	15.24	15.87	15.53	16.9	0.0
100	PI/2 BPSK	135	69	15.44	15.95	15.35	16.9	0.0
100	PI/2 BPSK	135	138	15.43	15.85	15.37	16.9	0.0
100	PI/2 BPSK	270	0	15.22	15.94	15.44		
100	QPSK	1	1	15.41	15.98	15.38	16.9	0.0
100	QPSK	1	137	15.24	15.88	15.53		
100	QPSK	1	271	15.27	15.80	15.32		
100	QPSK	135	0	15.32	15.76	15.43	16.9	0.0
100	QPSK	135	69	15.37	15.81	15.32	16.9	0.0
100	QPSK	135	138	15.38	15.75	15.55	16.9	0.0
100	QPSK	270	0	15.41	15.78	15.46		
100	16QAM	1	1	15.22	15.87	15.51	16.9	0.0
100	64QAM	1	1	15.24	15.79	15.44	16.9	0.0
100	256QAM	1	1	15.32	15.89	15.53	16.9	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.38	15.81	15.51	16.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	15.40	15.95	15.46	16.9	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.26	15.90	15.32	16.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.40	15.80	15.49	16.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.39	15.86	15.31	16.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.23	15.91	15.45	16.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.38	15.79	15.47	16.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.41	15.92	15.47	16.9	0.0

n2 Other PA Ant1 DSI10

BW [MHz]	.	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	11.60	11.57	11.38	12.6	0.0
20	PI/2 BPSK	1	53	11.55	11.57	11.46		
20	PI/2 BPSK	1	104	11.59	11.66	11.37		
20	PI/2 BPSK	50	0	11.48	11.44	11.52	12.6	0.0
20	PI/2 BPSK	50	28	11.51	11.64	11.40	12.6	0.0
20	PI/2 BPSK	50	56	11.63	11.63	11.57	12.6	0.0
20	PI/2 BPSK	100	0	11.61	11.57	11.49		
20	QPSK	1	1	11.53	11.67	11.46	12.6	0.0
20	QPSK	1	53	11.50	11.50	11.56		
20	QPSK	1	104	11.66	11.45	11.41		
20	QPSK	50	0	11.53	11.57	11.46	12.6	0.0
20	QPSK	50	28	11.47	11.63	11.55	12.6	0.0
20	QPSK	50	56	11.47	11.57	11.50	12.6	0.0
20	QPSK	100	0	11.46	11.60	11.57		
20	16QAM	1	1	11.43	11.49	11.52	12.6	0.0
20	64QAM	1	1	11.65	11.57	11.56	12.6	0.0
20	256QAM	1	1	11.66	11.53	11.40	12.6	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	11.55	11.47	11.37	12.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	11.64	11.57	11.51	12.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	11.64	11.57	11.60	12.6	0.0

n7 Other PA Ant1 DSI10

BW [MHz]	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	PI/2 BPSK	1	1	15.12	15.23	15.08	16.2	0.0
40	PI/2 BPSK	1	108	15.18	15.26	15.12		
40	PI/2 BPSK	1	214	15.14	15.21	15.19		
40	PI/2 BPSK	108	0	15.25	15.35	15.19	16.2	0.0
40	PI/2 BPSK	108	54	15.12	15.26	15.06	16.2	0.0
40	PI/2 BPSK	108	108	15.23	15.18	15.21	16.2	0.0
40	PI/2 BPSK	216	0	15.15	15.31	15.16		
40	QPSK	1	1	15.26	15.39	15.26	16.2	0.0
40	QPSK	1	108	15.26	15.31	15.14		
40	QPSK	1	214	15.06	15.26	15.10		
40	QPSK	108	0	15.27	15.31	15.15	16.2	0.0
40	QPSK	108	54	15.19	15.38	15.14	16.2	0.0
40	QPSK	108	108	15.13	15.25	15.06	16.2	0.0
40	QPSK	216	0	15.23	15.37	15.20		
40	16QAM	1	1	15.18	15.27	15.22	16.2	0.0
40	64QAM	1	1	15.19	15.32	15.19	16.2	0.0
40	256QAM	1	1	15.07	15.30	15.12	16.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.25	15.22	15.22	16.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.25	15.37	15.24	16.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.14	15.25	15.21	16.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.08	15.17	15.28	16.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.16	15.17	15.13	16.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.27	15.38	15.19	16.2	0.0

n66 Other PA Ant1 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	9.31	9.37	9.27	10.3	0.0
40	PI/2 BPSK	1	108	9.23	9.44	9.20		
40	PI/2 BPSK	1	214	9.24	9.47	9.42		
40	PI/2 BPSK	108	0	9.16	9.40	9.39	10.3	0.0
40	PI/2 BPSK	108	54	9.32	9.53	9.41	10.3	0.0
40	PI/2 BPSK	108	108	9.16	9.42	9.26	10.3	0.0
40	PI/2 BPSK	216	0	9.18	9.41	9.30		
40	QPSK	1	1	9.38	9.55	9.42	10.3	0.0
40	QPSK	1	108	9.19	9.43	9.34		
40	QPSK	1	214	9.23	9.51	9.25		
40	QPSK	108	0	9.21	9.41	9.29	10.3	0.0
40	QPSK	108	54	9.32	9.49	9.36	10.3	0.0
40	QPSK	108	108	9.30	9.45	9.37	10.3	0.0
40	QPSK	216	0	9.26	9.43	9.33		
40	16QAM	1	1	9.28	9.46	9.33	10.3	0.0
40	64QAM	1	1	9.39	9.39	9.32	10.3	0.0
40	256QAM	1	1	9.39	9.40	9.21	10.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	9.17	9.34	9.31	10.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	9.22	9.34	9.24	10.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	9.19	9.48	9.36	10.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	9.24	9.54	9.39	10.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	9.36	9.34	9.44	10.3	0.0

n38 Other PA Ant1 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.47	14.67	14.32	15.7	0.0
40	PI/2 BPSK	1	53	14.51	14.45	14.42		
40	PI/2 BPSK	1	104	14.52	14.56	14.39		
40	PI/2 BPSK	50	0	14.59	14.59	14.39	15.7	0.0
40	PI/2 BPSK	50	28	14.56	14.67	14.45	15.7	0.0
40	PI/2 BPSK	50	56	14.62	14.45	14.45	15.7	0.0
40	PI/2 BPSK	100	0	14.53	14.48	14.37		
40	QPSK	1	1	14.52	14.69	14.43	15.7	0.0
40	QPSK	1	53	14.54	14.53	14.52		
40	QPSK	1	104	14.45	14.57	14.47		
40	QPSK	50	0	14.48	14.60	14.49	15.7	0.0
40	QPSK	50	28	14.46	14.67	14.38	15.7	0.0
40	QPSK	50	56	14.62	14.52	14.52	15.7	0.0
40	QPSK	100	0	14.60	14.62	14.50		
40	16QAM	1	1	14.57	14.46	14.46	15.7	0.0
40	64QAM	1	1	14.55	14.59	14.47	15.7	0.0
40	256QAM	1	1	14.61	14.60	14.49	15.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.60	14.50	14.50	15.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.46	14.45	14.44	15.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.48	14.48	14.43	15.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.42	14.52	14.47	15.7	0.0

n41 Other PA Ant1 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.42	14.68	14.45	15.7	0.0
100	PI/2 BPSK	1	137	14.43	14.72	14.55		
100	PI/2 BPSK	1	271	14.41	14.70	14.48		
100	PI/2 BPSK	135	0	14.51	14.57	14.53	15.7	0.0
100	PI/2 BPSK	135	69	14.51	14.68	14.41	15.7	0.0
100	PI/2 BPSK	135	138	14.43	14.54	14.54	15.7	0.0
100	PI/2 BPSK	270	0	14.51	14.72	14.34		
100	QPSK	1	1	14.45	14.75	14.35	15.7	0.0
100	QPSK	1	137	14.34	14.56	14.52		
100	QPSK	1	271	14.35	14.71	14.38		
100	QPSK	135	0	14.48	14.64	14.45	15.7	0.0
100	QPSK	135	69	14.31	14.75	14.41	15.7	0.0
100	QPSK	135	138	14.32	14.61	14.43	15.7	0.0
100	QPSK	270	0	14.37	14.72	14.58		
100	16QAM	1	1	14.44	14.63	14.57	15.7	0.0
100	64QAM	1	1	14.31	14.64	14.35	15.7	0.0
100	256QAM	1	1	14.39	14.70	14.46	15.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.52	14.66	14.34	15.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	14.30	14.61	14.52	15.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.45	14.68	14.40	15.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.33	14.53	14.45	15.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.33	14.58	14.56	15.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.36	14.56	14.39	15.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.49	14.53	14.38	15.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.38	14.73	14.46	15.7	0.0

n2 Other PA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.23	21.37	21.21	23.0	0.0
20	PI/2 BPSK	1	53	21.17	21.25	21.14		
20	PI/2 BPSK	1	104	21.13	21.21	21.09		
20	PI/2 BPSK	50	0	21.03	21.21	21.06	23.0	0.0
20	PI/2 BPSK	50	28	21.09	21.22	21.21	23.0	0.0
20	PI/2 BPSK	50	56	21.07	21.21	21.22	23.0	0.0
20	PI/2 BPSK	100	0	21.19	21.25	21.10		
20	QPSK	1	1	21.37	21.40	21.31	23.0	0.0
20	QPSK	1	53	21.22	21.23	21.04		
20	QPSK	1	104	21.02	21.19	21.11		
20	QPSK	50	0	21.12	21.31	21.30	23.0	0.0
20	QPSK	50	28	21.23	21.32	21.24	23.0	0.0
20	QPSK	50	56	21.19	21.19	21.01	23.0	0.0
20	QPSK	100	0	21.13	21.27	21.21		
20	16QAM	1	1	21.26	21.36	21.25	23.0	0.0
20	64QAM	1	1	20.09	20.01	20.08	22.0	1.0
20	256QAM	1	1	18.34	18.36	18.37	20.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.20	21.27	21.13	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.26	21.39	21.14	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.16	21.33	21.24	23.0	0.0

n7 Other PA Ant2 DSI10

BW [MHz]	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	PI/2 BPSK	1	1	19.28	19.52	19.59	20.6	0.0
40	PI/2 BPSK	1	108	19.33	19.59	19.55		
40	PI/2 BPSK	1	214	19.39	19.44	19.55		
40	PI/2 BPSK	108	0	19.24	19.64	19.54	20.6	0.0
40	PI/2 BPSK	108	54	19.25	19.63	19.60	20.6	0.0
40	PI/2 BPSK	108	108	19.25	19.48	19.38	20.6	0.0
40	PI/2 BPSK	216	0	19.29	19.54	19.45		
40	QPSK	1	1	19.37	19.65	19.40	20.6	0.0
40	QPSK	1	108	19.25	19.51	19.56		
40	QPSK	1	214	19.26	19.59	19.41		
40	QPSK	108	0	19.34	19.46	19.47	20.6	0.0
40	QPSK	108	54	19.23	19.59	19.50	20.6	0.0
40	QPSK	108	108	19.39	19.50	19.41	20.6	0.0
40	QPSK	216	0	19.24	19.57	19.51		
40	16QAM	1	1	19.27	19.44	19.53	20.6	0.0
40	64QAM	1	1	19.26	19.49	19.41	20.6	0.0
40	256QAM	1	1	19.26	19.54	19.58	20.6	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.25	19.53	19.41	20.6	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.39	19.61	19.46	20.6	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.29	19.48	19.42	20.6	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.26	19.53	19.56	20.6	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.22	19.59	19.59	20.6	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.36	19.58	19.54	20.6	0.0

n66 Other PA Ant2 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.15	18.07	17.95	19.5	0.0
40	PI/2 BPSK	1	108	18.01	18.10	18.01		
40	PI/2 BPSK	1	214	18.16	18.07	17.98		
40	PI/2 BPSK	108	0	17.96	18.12	18.01	19.5	0.0
40	PI/2 BPSK	108	54	17.97	18.07	17.93	19.5	0.0
40	PI/2 BPSK	108	108	18.15	18.15	18.14	19.5	0.0
40	PI/2 BPSK	216	0	18.07	18.13	18.11		
40	QPSK	1	1	18.03	18.25	18.14	19.5	0.0
40	QPSK	1	108	18.06	18.16	18.00		
40	QPSK	1	214	18.17	18.05	18.03		
40	QPSK	108	0	18.02	18.21	18.06	19.5	0.0
40	QPSK	108	54	17.97	18.23	18.02	19.5	0.0
40	QPSK	108	108	17.95	18.14	17.92	19.5	0.0
40	QPSK	216	0	18.06	18.12	17.94		
40	16QAM	1	1	18.17	18.16	18.04	19.5	0.0
40	64QAM	1	1	18.08	18.07	17.95	19.5	0.0
40	256QAM	1	1	18.09	18.20	18.14	19.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.13	18.11	18.11	19.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.16	18.01	18.09	19.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.03	18.10	18.04	19.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.05	18.04	17.93	19.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.03	18.19	18.01	19.5	0.0

n38 Other PA Ant2 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.49	18.45	18.52	20.0	0.0
40	PI/2 BPSK	1	53	18.40	18.60	18.53		
40	PI/2 BPSK	1	104	18.46	18.52	18.36		
40	PI/2 BPSK	50	0	18.35	18.58	18.43	20.0	0.0
40	PI/2 BPSK	50	28	18.35	18.55	18.50	20.0	0.0
40	PI/2 BPSK	50	56	18.53	18.46	18.58	20.0	0.0
40	PI/2 BPSK	100	0	18.46	18.55	18.48		
40	QPSK	1	1	18.54	18.64	18.60	20.0	0.0
40	QPSK	1	53	18.41	18.54	18.41		
40	QPSK	1	104	18.46	18.50	18.40		
40	QPSK	50	0	18.48	18.44	18.52	20.0	0.0
40	QPSK	50	28	18.54	18.58	18.54	20.0	0.0
40	QPSK	50	56	18.40	18.45	18.52	20.0	0.0
40	QPSK	100	0	18.42	18.53	18.40		
40	16QAM	1	1	18.55	18.44	18.37	20.0	0.0
40	64QAM	1	1	18.37	18.46	18.47	20.0	0.0
40	256QAM	1	1	18.24	18.23	18.02	19.5	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.33	18.44	18.54	20.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.44	18.46	18.46	20.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.42	18.49	18.38	20.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.56	18.55	18.49	20.0	0.0

n41 Other PA Ant2 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.49	18.96	18.73	20.0	0.0
100	PI/2 BPSK	1	137	18.37	18.83	18.66		
100	PI/2 BPSK	1	271	18.35	18.90	18.83		
100	PI/2 BPSK	135	0	18.36	18.99	18.81	20.0	0.0
100	PI/2 BPSK	135	69	18.31	18.82	18.67	20.0	0.0
100	PI/2 BPSK	135	138	18.44	18.90	18.75	20.0	0.0
100	PI/2 BPSK	270	0	18.41	18.96	18.80		
100	QPSK	1	1	18.36	19.02	18.70	20.0	0.0
100	QPSK	1	137	18.47	18.93	18.80		
100	QPSK	1	271	18.27	18.78	18.67		
100	QPSK	135	0	18.28	18.80	18.72	20.0	0.0
100	QPSK	135	69	18.44	18.91	18.70	20.0	0.0
100	QPSK	135	138	18.49	18.82	18.77	20.0	0.0
100	QPSK	270	0	18.38	18.99	18.70		
100	16QAM	1	1	18.33	19.01	18.77	20.0	0.0
100	64QAM	1	1	18.29	18.99	18.81	20.0	0.0
100	256QAM	1	1	18.37	18.87	18.77	20.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.41	18.92	18.64	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.36	18.82	18.71	20.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.34	18.99	18.65	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.32	18.97	18.86	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.44	18.82	18.69	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.41	18.79	18.67	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.46	18.99	18.83	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.39	18.80	18.77	20.0	0.0

n2 Other PA Ant3 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.69	16.70	16.68	17.9	0.0
20	PI/2 BPSK	1	53	16.84	16.73	16.66		
20	PI/2 BPSK	1	104	16.81	16.82	16.87		
20	PI/2 BPSK	50	0	16.71	16.70	16.66	17.9	0.0
20	PI/2 BPSK	50	28	16.71	16.76	16.80	17.9	0.0
20	PI/2 BPSK	50	56	16.79	16.82	16.66	17.9	0.0
20	PI/2 BPSK	100	0	16.76	16.80	16.86		
20	QPSK	1	1	16.75	16.88	16.64	17.9	0.0
20	QPSK	1	53	16.79	16.85	16.70		
20	QPSK	1	104	16.73	16.74	16.82		
20	QPSK	50	0	16.67	16.70	16.78	17.9	0.0
20	QPSK	50	28	16.78	16.87	16.79	17.9	0.0
20	QPSK	50	56	16.65	16.73	16.77	17.9	0.0
20	QPSK	100	0	16.78	16.83	16.74		
20	16QAM	1	1	16.74	16.80	16.74	17.9	0.0
20	64QAM	1	1	16.70	16.81	16.74	17.9	0.0
20	256QAM	1	1	16.73	16.81	16.79	17.9	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.71	16.76	16.74	17.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.74	16.80	16.85	17.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.87	16.76	16.82	17.9	0.0

n7 Other PA Ant3 DSI10

BW [MHz]	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	PI/2 BPSK	1	1	16.96	17.19	17.02	18.7	0.0
40	PI/2 BPSK	1	108	17.07	17.20	17.05		
40	PI/2 BPSK	1	214	17.12	17.09	17.20		
40	PI/2 BPSK	108	0	17.12	17.09	17.10	18.7	0.0
40	PI/2 BPSK	108	54	17.09	17.06	17.12	18.7	0.0
40	PI/2 BPSK	108	108	17.16	17.09	16.98	18.7	0.0
40	PI/2 BPSK	216	0	16.97	17.16	17.14		
40	QPSK	1	1	17.17	17.21	17.14	18.7	0.0
40	QPSK	1	108	17.06	17.15	16.98		
40	QPSK	1	214	16.94	17.06	17.13		
40	QPSK	108	0	17.14	17.03	17.00	18.7	0.0
40	QPSK	108	54	17.11	17.17	17.12	18.7	0.0
40	QPSK	108	108	17.07	17.14	17.00	18.7	0.0
40	QPSK	216	0	17.00	17.15	17.14		
40	16QAM	1	1	16.95	17.14	17.11	18.7	0.0
40	64QAM	1	1	17.16	17.17	17.06	18.7	0.0
40	256QAM	1	1	17.07	17.08	17.18	18.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.98	17.08	17.17	18.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.01	17.03	17.11	18.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.17	17.13	17.03	18.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.10	17.06	17.03	18.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.98	17.11	17.18	18.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.11	17.02	17.17	18.7	0.0

n66 Other PA Ant3 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.71	16.89	16.87	17.7	0.0
40	PI/2 BPSK	1	108	16.68	16.74	16.74		
40	PI/2 BPSK	1	214	16.82	16.90	16.68		
40	PI/2 BPSK	108	0	16.78	16.86	16.83	17.7	0.0
40	PI/2 BPSK	108	54	16.71	16.76	16.67	17.7	0.0
40	PI/2 BPSK	108	108	16.67	16.81	16.69	17.7	0.0
40	PI/2 BPSK	216	0	16.77	16.86	16.90		
40	QPSK	1	1	16.86	16.92	16.88	17.7	0.0
40	QPSK	1	108	16.65	16.89	16.71		
40	QPSK	1	214	16.83	16.84	16.89		
40	QPSK	108	0	16.83	16.81	16.79	17.7	0.0
40	QPSK	108	54	16.86	16.88	16.81	17.7	0.0
40	QPSK	108	108	16.69	16.83	16.87	17.7	0.0
40	QPSK	216	0	16.70	16.84	16.83		
40	16QAM	1	1	16.65	16.76	16.90	17.7	0.0
40	64QAM	1	1	16.74	16.85	16.69	17.7	0.0
40	256QAM	1	1	16.68	16.79	16.78	17.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.71	16.88	16.71	17.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.67	16.86	16.84	17.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.79	16.90	16.87	17.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.66	16.73	16.79	17.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.83	16.89	16.70	17.7	0.0

n38 Other PA Ant3 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.14	18.23	18.10	19.0	0.0
40	PI/2 BPSK	1	53	18.08	18.18	18.22		
40	PI/2 BPSK	1	104	18.12	18.21	18.07		
40	PI/2 BPSK	50	0	18.03	18.11	18.08	19.0	0.0
40	PI/2 BPSK	50	28	18.15	18.12	18.26	19.0	0.0
40	PI/2 BPSK	50	56	17.95	18.11	18.19	19.0	0.0
40	PI/2 BPSK	100	0	18.13	18.21	18.22		
40	QPSK	1	1	18.14	18.27	18.26	19.0	0.0
40	QPSK	1	53	18.04	18.12	18.22		
40	QPSK	1	104	18.01	18.25	18.20		
40	QPSK	50	0	17.96	18.16	18.15	19.0	0.0
40	QPSK	50	28	18.00	18.26	18.13	19.0	0.0
40	QPSK	50	56	18.15	18.06	18.11	19.0	0.0
40	QPSK	100	0	18.04	18.25	18.10		
40	16QAM	1	1	17.99	18.19	18.15	19.0	0.0
40	64QAM	1	1	18.00	18.18	18.25	19.0	0.0
40	256QAM	1	1	18.00	18.23	18.12	19.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.94	18.13	18.08	19.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.15	18.24	18.04	19.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.94	18.11	18.13	19.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.93	18.23	18.10	19.0	0.0

n41 Other PA Ant3 DSI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.73	17.95	17.87	19.0	0.0
100	PI/2 BPSK	1	137	17.91	17.96	17.98		
100	PI/2 BPSK	1	271	17.70	18.03	17.84		
100	PI/2 BPSK	135	0	17.81	17.96	17.91	19.0	0.0
100	PI/2 BPSK	135	69	17.72	18.04	17.87	19.0	0.0
100	PI/2 BPSK	135	138	17.92	17.95	18.03	19.0	0.0
100	PI/2 BPSK	270	0	17.92	17.92	17.90		
100	QPSK	1	1	17.91	18.09	18.05	19.0	0.0
100	QPSK	1	137	17.69	17.90	17.92		
100	QPSK	1	271	17.71	17.96	17.97		
100	QPSK	135	0	17.76	17.97	17.88	19.0	0.0
100	QPSK	135	69	17.87	18.05	18.02	19.0	0.0
100	QPSK	135	138	17.70	18.03	17.92	19.0	0.0
100	QPSK	270	0	17.87	18.00	17.97		
100	16QAM	1	1	17.71	18.02	18.01	19.0	0.0
100	64QAM	1	1	17.77	17.97	17.96	19.0	0.0
100	256QAM	1	1	17.81	18.01	17.95	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.70	17.89	17.84	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	17.77	17.90	17.97	19.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.70	17.90	18.01	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.70	18.02	17.90	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.92	18.01	17.87	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.82	17.99	17.93	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.89	17.92	17.90	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.91	17.89	18.00	19.0	0.0

WIFI&BT Power

2.4GHz WLAN				Ant 4+6(4) Full Power		Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Hotspot non DBS		Hotspot DBS		Extremity Standalone		Extremity DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	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	21.68	23.00	17.26	18.50	15.34	16.50	12.24	13.50	9.14	10.50	19.25	20.50	16.88	18.00	13.72	15.00	10.67	12.00	14.73	16.00	12.77	14.00	21.68	23.00	20.26	21.50	17.74	19.00	14.73	16.00	100
		6	2437	21.58	23.00	17.13	18.50	15.03	16.50	12.15	13.50	9.14	10.50	19.12	20.50	16.71	18.00	13.61	15.00	10.53	12.00	14.62	16.00	12.65	14.00	21.58	23.00	20.22	21.50	17.66	19.00	14.62	16.00	
		11	2462	21.57	23.00	17.15	18.50	15.24	16.50	12.16	13.50	9.07	10.50	19.13	20.50	16.58	18.00	13.63	15.00	10.62	12.00	14.60	16.00	12.62	14.00	21.57	23.00	20.11	21.50	17.61	19.00	14.60	16.00	
	802.11g 6Mbps	1	2412	18.45	20.00	Not Required	18.50	Not Required	16.50	Not Required	13.50	Not Required	10.50	Not Required	20.00	Not Required	18.00	Not Required	15.00	Not Required	12.00	Not Required	16.00	Not Required	14.00	18.45	20.00	Not Required	20.00	Not Required	19.00	Not Required	16.00	99.31
		6	2437	18.44	20.00		18.50		16.50		13.50		10.50		20.00		18.00		15.00		12.00		16.00		14.00	18.44	20.00		20.00		19.00		16.00	
		11	2462	18.46	20.00		18.50		16.50		13.50		10.50		20.00		18.00		15.00		12.00		16.00		14.00	18.46	20.00		20.00		19.00		16.00	
	802.11n-HT20 MCS0	1	2412	18.29	20.00		18.50		16.50		13.50		10.50		20.00		18.00		15.00		12.00		16.00		14.00	18.29	20.00		20.00		19.00		16.00	100
		6	2437	18.16	20.00		18.50		16.50		13.50		10.50		20.00		18.00		15.00		12.00		16.00		14.00	18.16	20.00		20.00		19.00		16.00	
		11	2462	18.25	20.00		18.50		16.50		13.50		10.50		20.00		18.00		15.00		12.00		16.00		14.00	18.25	20.00		20.00		19.00		16.00	
	802.11n-HT40 MCS0	3	2422	18.32	20.00	16.89	18.50	15.06	16.50	12.08	13.50	9.06	10.50	18.45	20.00	16.44	18.00	13.57	15.00	10.61	12.00	14.46	16.00	12.45	14.00	18.32	20.00	18.32	20.00	17.48	19.00	14.46	16.00	100
		6	2437	18.25	20.00	16.85	18.50	15.02	16.50	12.06	13.50	8.95	10.50	18.44	20.00	16.40	18.00	13.52	15.00	10.51	12.00	14.42	16.00	12.43	14.00	18.25	20.00	18.25	20.00	17.45	19.00	14.42	16.00	
		9	2452	17.30	19.00	16.96	18.50	14.96	16.50	11.96	13.50	8.98	10.50	17.30	19.00	16.42	18.00	13.48	15.00	10.55	12.00	14.43	16.00	12.46	14.00	17.30	19.00	17.30	19.00	17.30	19.00	14.43	16.00	
	802.11ax-HE20 MCS0	1	2412	18.38	20.00	Not Required	18.50	Not Required	16.50	Not Required	13.50	Not Required	10.50	Not Required	20.00	Not Required	18.00	Not Required	15.00	Not Required	12.00	Not Required	16.00	Not Required	14.00	18.38	20.00	Not Required	20.00	Not Required	19.00	Not Required	16.00	100
		6	2437	18.26	20.00		18.50		16.50		13.50		10.50		20.00		18.00		15.00		12.00		16.00		14.00	18.26	20.00		20.00		19.00		16.00	
		11	2462	18.37	20.00		18.50		16.50		13.50		10.50		20.00		18.00		15.00		12.00		16.00		14.00	18.37	20.00		20.00		19.00		16.00	
	802.11ax-HE40 MCS0	3	2422	18.41	20.00		18.50		16.50		13.50		10.50		20.00		18.00		15.00		12.00		16.00		14.00	18.41	20.00		20.00		19.00		16.00	100
		6	2437	18.32	20.00		18.50		16.50		13.50		10.50		20.00		18.00		15.00		12.00		16.00		14.00	18.32	20.00		20.00		19.00		16.00	
		9	2452	17.33	19.00		18.50		16.50		13.50		10.50		19.00		18.00		15.00		12.00		16.00		14.00	17.33	19.00		19.00		19.00		16.00	

5.2GHz WLAN				Ant 4+5(5) Full Power		Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Hotspot non DBS		Hotspot DBS		Extremity Standalone&DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.97	19.50	Not Required	18.00	Not Required	17.00	Not Required	14.00	Not Required	11.00	17.97	19.50	Not Required	19.50	Not Required	17.00	Not Required	14.00	Not Required	15.50	Not Required	13.50	17.97	19.50	Not Required	19.50	Not Required	16.50	98.97
		40	5200	18.39	20.00		18.00		17.00		14.00		11.00	18.39	20.00		20.00		17.00		14.00		15.50		13.50	18.39	20.00		19.50		16.50	
		44	5220	18.48	20.00		18.00		17.00		14.00		11.00	18.48	20.00		20.00		17.00		14.00		15.50		13.50	18.48	20.00		19.50		16.50	
		48	5240	18.07	20.00		18.00		17.00		14.00		11.00	18.07	20.00		20.00		17.00		14.00		15.50		13.50	18.07	20.00		19.50		16.50	
	802.11n-HT20 MCS0	36	5180	19.38	21.00		18.00		17.00		14.00		11.00	19.38	21.00		20.00		17.00		14.00		15.50		13.50	19.38	21.00		19.50		16.50	100
		40	5200	19.40	21.00		18.00		17.00		14.00		11.00	19.40	21.00		20.00		17.00		14.00		15.50		13.50	19.40	21.00		19.50		16.50	
		44	5220	19.45	21.00		18.00		17.00		14.00		11.00	19.45	21.00		20.00		17.00		14.00		15.50		13.50	19.45	21.00		19.50		16.50	
		48	5240	18.82	20.50		18.00		17.00		14.00		11.00	18.82	20.50		20.00		17.00		14.00		15.50		13.50	18.82	20.50		19.50		16.50	
	802.11n-HT40 MCS0	38	5190	17.45	19.00		18.00		17.00		14.00		11.00	17.45	19.00	17.45	19.00		17.00		14.00		15.50		13.50	17.45	19.00	17.45	19.00		16.50	100
		46	5230	19.55	21.00		18.00		17.00		14.00		11.00	19.55	21.00	18.55	20.00		17.00		14.00		15.50		13.50	19.55	21.00	18.09	19.50		16.50	
	802.11ac-VHT20 MCS0	36	5180	19.40	21.00		18.00		17.00		14.00		11.00	19.40	21.00	Not Required	20.00		17.00		14.00		15.50		13.50	19.40	21.00	Not Required	19.50		16.50	100
		40	5200	19.43	21.00		18.00		17.00		14.00		11.00	19.43	21.00		20.00		17.00		14.00		15.50		13.50	19.43	21.00		19.50		16.50	
		44	5220	19.49	21.00		18.00		17.00		14.00		11.00	19.49	21.00		20.00		17.00		14.00		15.50		13.50	19.49	21.00		19.50		16.50	
		48	5240	18.85	20.50		18.00		17.00		14.00		11.00	18.85	20.50		20.00		17.00		14.00		15.50		13.50	18.85	20.50		19.50		16.50	
	802.11ac-VHT40 MCS0	38	5190	17.48	19.00		18.00		17.00		14.00		11.00	17.48	19.00		19.00		17.00		14.00		15.50		13.50	17.48	19.00		19.00		16.50	100
		46	5230	19.57	21.00		18.00		17.00		14.00		11.00	19.57	21.00		20.00		17.00		14.00		15.50		13.50	19.57	21.00		19.50		16.50	
	802.11ac-VHT80 MCS0	42	5210	17.08	18.50	16.57	18.00	15.54	17.00	12.55	14.00	9.57	11.00	17.08	18.50		18.50	15.54	17.00	12.55	14.00	14.09	15.50	12.04	13.50	17.08	18.50		18.50	15.11	16.50	100
	802.11ax-HE20 MCS0	36	5180	19.42	21.00	Not Required	18.00	Not Required	17.00	Not Required	14.00	Not Required	11.00	19.42	21.00		20.00	Not Required	17.00	Not Required	14.00	Not Required	15.50	Not Required	13.50	19.42	21.00		19.50	Not Required	16.50	100
		40	5200	19.46	21.00		18.00		17.00		14.00		11.00	19.46	21.00		20.00		17.00		14.00		15.50		13.50	19.46	21.00		19.50		16.50	
		44	5220	19.51	21.00		18.00		17.00		14.00		11.00	19.51	21.00		20.00		17.00		14.00		15.50		13.50	19.51	21.00		19.50		16.50	
		48	5240	18.93	20.50		18.00		17.00		14.00		11.00	18.93	20.50		20.00		17.00		14.00		15.50		13.50	18.93	20.50		19.50		16.50	
	802.11ax-HE40 MCS0	38	5190	17.52	19.00		18.00		17.00		14.00		11.00	17.52	19.00		19.00		17.00		14.00		15.50		13.50	17.52	19.00		19.00		16.50	100
		46	5230	19.59	21.00		18.00		17.00		14.00		11.00	19.59	21.00		20.00		17.00		14.00		15.50		13.50	19.59	21.00		19.50		16.50	
	802.11ax-HE80 MCS0	42	5210	17.11	18.50		18.00		17.00		14.00		11.00	17.11	18.50		18.50		17.00		14.00		15.50		13.50	17.11	18.50		18.50		16.50	100

5.3GHz WLAN				Ant 4+5(5) Full Power		Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Extremity Standalone&DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.10	19.50	Not Required	18.50	Not Required	17.50	Not Required	14.50	Not Required	11.50	18.10	19.50	Not Required	19.50	Not Required	17.50	Not Required	14.50	18.10	19.50	Not Required	18.00	Not Required	15.00	98.97
		56	5280	18.28	20.00		18.50		17.50		14.50		11.50	18.28	20.00		20.00		17.50		14.50	18.28	20.00		18.00		15.00	
		60	5300	18.26	20.00		18.50		17.50		14.50		11.50	18.26	20.00		20.00		17.50		14.50	18.26	20.00		18.00		15.00	
		64	5320	18.43	20.00		18.50		17.50		14.50		11.50	18.43	20.00		20.00		17.50		14.50	18.43	20.00		18.00		15.00	
	802.11n-HT20 MCS0	52	5260	19.62	21.00		18.50		17.50		14.50		11.50	19.62	21.00		20.50		17.50		14.50	19.62	21.00		18.00		15.00	100
		56	5280	19.60	21.00		18.50		17.50		14.50		11.50	19.60	21.00		20.50		17.50		14.50	19.60	21.00		18.00		15.00	
		60	5300	19.75	21.00		18.50		17.50		14.50		11.50	19.75	21.00		20.50		17.50		14.50	19.75	21.00		18.00		15.00	
		64	5320	19.35	20.50		18.50		17.50		14.50		11.50	19.35	20.50		20.50		17.50		14.50	19.35	20.50		18.00		15.00	
	802.11n-HT40 MCS0	54	5270	19.86	21.50		18.50		17.50		14.50		11.50	19.86	21.50	18.97	20.50		17.50		14.50	19.86	21.50		18.00		15.00	100
		62	5310	18.96	20.50		18.50		17.50		14.50		11.50	18.96	20.50	18.96	20.50		17.50		14.50	18.96	20.50		18.00		15.00	
	802.11ac-VHT20 MCS0	52	5260	19.72	21.50		18.50		17.50		14.50		11.50	19.72	21.50	Not Required	20.50		17.50		14.50	19.72	21.50		18.00		15.00	100
		56	5280	19.72	21.50		18.50		17.50		14.50		11.50	19.72	21.50		20.50		17.50		14.50	19.72	21.50		18.00		15.00	
		60	5300	19.78	21.50		18.50		17.50		14.50		11.50	19.78	21.50		20.50		17.50		14.50	19.78	21.50		18.00		15.00	
		64	5320	19.41	21.00		18.50		17.50		14.50		11.50	19.41	21.00		20.50		17.50		14.50	19.41	21.00		18.00		15.00	
	802.11ac-VHT40 MCS0	54	5270	19.87	21.50		18.50		17.50		14.50		11.50	19.87	21.50		20.50		17.50		14.50	19.87	21.50		18.00		15.00	100
		62	5310	19.01	20.50		18.50		17.50		14.50		11.50	19.01	20.50		20.50		17.50		14.50	19.01	20.50		18.00		15.00	
	802.11ac-VHT80 MCS0	58	5290	17.99	19.50	16.91	18.50	15.86	17.50	12.76	14.50	9.88	11.50	17.99	19.50		19.50	15.86	17.50	12.76	14.50	17.99	19.50	16.41	18.00	13.44	15.00	100
	802.11ac-VHT160	50	5250	16.93	18.50	Not Required	18.50	Not Required	17.50	Not Required	14.50	Not Required	11.50	16.93	18.50		18.50	Not Required	17.50	Not Required	14.50	16.93	18.50	Not Required	18.00	Not Required	15.00	100
	802.11ax-HE20 MCS0	52	5260	19.74	21.50		18.50		17.50		14.50		11.50	19.74	21.50		20.50		17.50		14.50	19.74	21.50		18.00		15.00	100
		56	5280	19.78	21.50		18.50		17.50		14.50		11.50	19.78	21.50		20.50		17.50		14.50	19.78	21.50		18.00		15.00	
		60	5300	19.79	21.50		18.50		17.50		14.50		11.50	19.79	21.50		20.50		17.50		14.50	19.79	21.50		18.00		15.00	
		64	5320	19.46	21.00		18.50		17.50		14.50		11.50	19.46	21.00		20.50		17.50		14.50	19.46	21.00		18.00		15.00	
	802.11ax-HE40 MCS0	54	5270	19.89	21.50		18.50		17.50		14.50		11.50	19.89	21.50		20.50		17.50		14.50	19.89	21.50		18.00		15.00	100
		62	5310	19.03	20.50		18.50		17.50		14.50		11.50	19.03	20.50		20.50		17.50		14.50	19.03	20.50		18.00		15.00	
	802.11ax-HE80 MCS0	58	5290	18.03	19.50		18.50		17.50		14.50		11.50	18.03	19.50		19.50		17.50		14.50	18.03	19.50		18.00		15.00	100
	802.11ax-HE160 MCS0	50	5250	16.95	18.50		18.50		17.50		14.50		11.50	16.95	18.50		18.50		17.50		14.50	16.95	18.50		18.00		15.00	100

5.5GHz WLAN				Ant 4+5(5) Full Power		Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Extremity Standalone		Extremity DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.29	20.00	Not Required	15.50	Not Required	14.50	Not Required	11.50	Not Required	8.50	Not Required	20.00	Not Required	18.50	Not Required	15.50	Not Required	12.50	18.29	20.00	Not Required	20.00	Not Required	16.50	Not Required	13.50	98.97
		116	5580	18.16	19.50		15.50		14.50		11.50		8.50		19.50		18.50		15.50		12.50	18.16	19.50		19.50		16.50		13.50	
		124	5620	18.22	19.50		15.50		14.50		11.50		8.50		19.50		18.50		15.50		12.50	18.22	19.50		19.50		16.50		13.50	
		132	5660	18.24	19.50		15.50		14.50		11.50		8.50		19.50		18.50		15.50		12.50	18.24	19.50		19.50		16.50		13.50	
		140	5700	18.17	19.50		15.50		14.50		11.50		8.50		19.50		18.50		15.50		12.50	18.17	19.50		19.50		16.50		13.50	
		144	5720	18.10	19.50		15.50		14.50		11.50		8.50		19.50		18.50		15.50		12.50	18.10	19.50		19.50		16.50		13.50	
	802.11n-HT20 MCS0	100	5500	18.76	20.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	18.76	20.50		20.00		16.50		13.50	100
		116	5580	19.81	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.81	21.50		20.00		16.50		13.50	
		124	5620	19.78	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.78	21.50		20.00		16.50		13.50	
		132	5660	19.61	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.61	21.50		20.00		16.50		13.50	
		140	5700	18.52	20.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	18.52	20.50		20.00		16.50		13.50	
		144	5720	19.01	20.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.01	20.50		20.00		16.50		13.50	
	802.11n-HT40 MCS0	102	5510	17.21	18.50		15.50		14.50		11.50		8.50		18.50		18.50		15.50		12.50	17.21	18.50		18.50		16.50		13.50	100
		110	5550	19.98	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.98	21.50		20.00		16.50		13.50	
		126	5630	19.99	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.99	21.50		20.00		16.50		13.50	
		134	5670	19.15	21.00		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.15	21.00		20.00		16.50		13.50	
		142	5710	19.94	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.94	21.50		20.00		16.50		13.50	
	802.11ac-VHT20 MCS0	100	5500	18.81	20.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	18.81	20.50		20.00		16.50		13.50	100
		116	5580	19.83	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.83	21.50		20.00		16.50		13.50	
		124	5620	19.80	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.80	21.50		20.00		16.50		13.50	
		132	5660	19.64	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.64	21.50		20.00		16.50		13.50	
		140	5700	18.58	20.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	18.58	20.50		20.00		16.50		13.50	
		144	5720	19.08	20.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.08	20.50		20.00		16.50		13.50	
	802.11ac-VHT40 MCS0	102	5510	17.23	18.50		15.50		14.50		11.50		8.50		18.50		18.50		15.50		12.50	17.23	18.50		18.50		16.50		13.50	100
		110	5550	20.02	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	20.02	21.50		20.00		16.50		13.50	
		126	5630	20.04	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	20.04	21.50		20.00		16.50		13.50	
		134	5670	19.18	21.00		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.18	21.00		20.00		16.50		13.50	
		142	5710	19.99	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.99	21.50		20.00		16.50		13.50	
	802.11ac-VHT80 MCS0	106	5530	17.73	19.50	13.77	15.50	12.80	14.50	9.57	11.50	6.65	8.50	17.73	19.50	16.80	18.50	13.75	15.50	10.80	12.50	17.73	19.50	17.73	19.50	14.75	16.50	11.80	13.50	100
		122	5610	19.95	21.50	13.77	15.50	12.81	14.50	9.56	11.50	6.67	8.50	18.86	20.50	16.82	18.50	13.83	15.50	10.85	12.50	19.95	21.50	18.33	20.00	14.83	16.50	11.85	13.50	
		138	5690	19.86	21.50	13.78	15.50	12.82	14.50	9.58	11.50	6.68	8.50	18.92	20.50	16.77	18.50	13.73	15.50	10.79	12.50	19.86	21.50	18.25	20.00	14.73	16.50	11.78	13.50	
	802.11ac-VHT160	114	5570	17.12	19.00	Not Required	15.50	Not Required	14.50	Not Required	11.50	Not Required	8.50	Not Required	19.00	Not Required	18.50	Not Required	15.50	Not Required	12.50	17.12	19.00	Not Required	19.00	Not Required	16.50	Not Required	13.50	100
	802.11ax-HE20 MCS0	100	5500	18.88	20.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	18.88	20.50		20.00		16.50		13.50	100
		116	5580	19.87	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.87	21.50		20.00		16.50		13.50	
		124	5620	19.92	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.92	21.50		20.00		16.50		13.50	
		132	5660	19.84	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.84	21.50		20.00		16.50		13.50	
		140	5700	18.64	20.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	18.64	20.50		20.00		16.50		13.50	
		144	5720	19.17	20.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.17	20.50		20.00		16.50		13.50	
	802.11ax-HE40 MCS0	102	5510	17.26	18.50		15.50		14.50		11.50		8.50		18.50		18.50		15.50		12.50	17.26	18.50		18.50		16.50		13.50	100
		110	5550	20.07	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	20.07	21.50		20.00		16.50		13.50	
		126	5630	20.06	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	20.06	21.50		20.00		16.50		13.50	
		134	5670	19.22	21.00		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.22	21.00		20.00		16.50		13.50	
		142	5710	20.01	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	20.01	21.50		20.00		16.50		13.50	
	802.11ax-HE80 MCS0	106	5530	17.74	19.50		15.50		14.50		11.50		8.50		19.50		18.50		15.50		12.50	17.74	19.50		19.50		16.50		13.50	100
		122	5610	19.98	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.98	21.50		20.00		16.50		13.50	
		138	5690	19.89	21.50		15.50		14.50		11.50		8.50		20.50		18.50		15.50		12.50	19.89	21.50		20.00		16.50		13.50	
	802.11ax-HE160 MCS0	114	5570	17.18	19.00		15.50		14.50		11.50		8.50		19.00		18.50		15.50		12.50	17.18	19.00		19.00		16.50		13.50	100

5.8GHz WLAN				Ant 4+5(5) Full Power		Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Hotspot non DBS		Hotspot DBS		Extremity Standalone		Extremity DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	19.93	21.00	Not Required	15.00	Not Required	14.00	Not Required	11.00	Not Required	8.00	Not Required	19.50	Not Required	18.00	Not Required	15.00	Not Required	12.00	Not Required	14.00	Not Required	12.00	19.93	21.00	Not Required	19.00	Not Required	16.50	Not Required	13.50	98.97
		157	5785	19.71	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.71	21.00		19.00		16.50		13.50	
		165	5825	19.83	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.83	21.00		19.00		16.50		13.50	
	802.11n-HT20 MCS0	149	5745	19.63	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.63	21.00		19.00		16.50		13.50	100
		157	5785	19.48	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.48	21.00		19.00		16.50		13.50	
		165	5825	19.64	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.64	21.00		19.00		16.50		13.50	
	802.11n-HT40 MCS0	151	5755	19.62	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.62	21.00		19.00		16.50		13.50	100
		159	5795	19.70	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.70	21.00		19.00		16.50		13.50	
	802.11ac-VHT20 MCS0	149	5745	19.64	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.64	21.00		19.00		16.50		13.50	100
		157	5785	19.53	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.53	21.00		19.00		16.50		13.50	
		165	5825	19.70	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.70	21.00		19.00		16.50		13.50	
	802.11ac-VHT40 MCS0	151	5755	19.72	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.72	21.00		19.00		16.50		13.50	100
		159	5795	19.73	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.73	21.00		19.00		16.50		13.50	
	802.11ac-VHT80 MCS0	155	5775	19.62	21.00	13.48	15.00	12.50	14.00	9.47	11.00	6.52	8.00	18.03	19.50	16.52	18.00	13.48	15.00	10.49	12.00	12.48	14.00	10.49	12.00	19.62	21.00	17.73	19.00	15.06	16.50	12.10	13.50	100
	802.11ax-HE20 MCS0	149	5745	19.78	21.00	Not Required	15.00	Not Required	14.00	Not Required	11.00	Not Required	8.00	Not Required	19.50	Not Required	18.00	Not Required	15.00	Not Required	12.00	Not Required	14.00	Not Required	12.00	19.78	21.00	Not Required	19.00	Not Required	16.50	Not Required	13.50	100
		157	5785	19.55	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.55	21.00		19.00		16.50		13.50	
		165	5825	19.73	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.73	21.00		19.00		16.50		13.50	
	802.11ax-HE40 MCS0	151	5755	19.74	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.74	21.00		19.00		16.50		13.50	100
		159	5795	19.78	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.78	21.00		19.00		16.50		13.50	
	802.11ax-HE80 MCS0	155	5775	19.65	21.00		15.00		14.00		11.00		8.00		19.50		18.00		15.00		12.00		14.00		12.00	19.65	21.00		19.00		16.50		13.50	100

Ant 4+6(6) Full Power						Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Hotspot non DBS		Hotspot DBS		Extremity Standalone		Extremity DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	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	21.13	22.50	16.71	18.00	14.63	16.00	11.72	13.00	8.64	10.00	18.69	20.00	16.16	17.50	13.19	14.50	10.12	11.50	14.16	15.50	12.18	13.50	21.13	22.50	19.66	21.00	17.17	18.50	14.16	15.50	100
		6	2437	21.06	22.50	16.64	18.00	14.58	16.00	11.62	13.00	8.58	10.00	18.63	20.00	16.06	17.50	13.10	14.50	10.08	11.50	14.11	15.50	12.15	13.50	21.06	22.50	19.60	21.00	17.12	18.50	14.11	15.50	
		11	2462	21.11	22.50	16.66	18.00	14.59	16.00	11.68	13.00	8.61	10.00	18.65	20.00	16.08	17.50	13.14	14.50	10.07	11.50	14.15	15.50	12.18	13.50	21.11	22.50	19.64	21.00	17.19	18.50	14.15	15.50	
	802.11g 6Mbps	1	2412	18.39	19.50	Not Required	18.00	Not Required	16.00	Not Required	13.00	Not Required	10.00	Not Required	19.50	Not Required	17.50	Not Required	14.50	Not Required	11.50	Not Required	15.50	Not Required	13.50	18.39	19.50	Not Required	19.50	Not Required	18.50	Not Required	15.50	99.31
		6	2437	18.21	19.50		18.00		16.00		13.00		10.00		19.50		17.50		14.50		11.50		15.50		13.50	18.21	19.50		19.50		18.50		15.50	
		11	2462	18.34	19.50		18.00		16.00		13.00		10.00		19.50		17.50		14.50		11.50		15.50		13.50	18.34	19.50		19.50		18.50		15.50	
	802.11n-HT20 MCS0	1	2412	18.21	19.50		18.00		16.00		13.00		10.00		19.50		17.50		14.50		11.50		15.50		13.50	18.21	19.50		19.50		18.50		15.50	100
		6	2437	18.13	19.50		18.00		16.00		13.00		10.00		19.50		17.50		14.50		11.50		15.50		13.50	18.13	19.50		19.50		18.50		15.50	
		11	2462	18.24	19.50		18.00		16.00		13.00		10.00		19.50		17.50		14.50		11.50		15.50		13.50	18.24	19.50		19.50		18.50		15.50	
	802.11n-HT40 MCS0	3	2422	18.21	19.50	16.69	18.00	14.62	16.00	11.68	13.00	8.59	10.00	18.21	19.50	16.15	17.50	13.16	14.50	10.09	11.50	14.15	15.50	12.16	13.50	18.21	19.50	18.21	19.50	17.16	18.50	14.15	15.50	100
		6	2437	18.19	19.50	16.59	18.00	14.55	16.00	11.63	13.00	8.53	10.00	18.19	19.50	16.01	17.50	13.08	14.50	10.04	11.50	14.09	15.50	12.08	13.50	18.19	19.50	18.19	19.50	17.09	18.50	14.09	15.50	
		9	2452	17.19	18.50	16.65	18.00	14.61	16.00	11.65	13.00	8.56	10.00	17.19	18.50	16.05	17.50	13.14	14.50	10.08	11.50	14.03	15.50	12.13	13.50	17.19	18.50	17.19	18.50	17.18	18.50	14.03	15.50	
	802.11ax-HE20 MCS0	1	2412	18.30	19.50	Not Required	18.00	Not Required	16.00	Not Required	13.00	Not Required	10.00	Not Required	19.50	Not Required	17.50	Not Required	14.50	Not Required	11.50	Not Required	15.50	Not Required	13.50	18.30	19.50	Not Required	19.50	Not Required	18.50	Not Required	15.50	100
		6	2437	18.21	19.50		18.00		16.00		13.00		10.00		19.50		17.50		14.50		11.50		15.50		13.50	18.21	19.50		19.50		18.50		15.50	
		11	2462	18.32	19.50		18.00		16.00		13.00		10.00		19.50		17.50		14.50		11.50		15.50		13.50	18.32	19.50		19.50		18.50		15.50	
	802.11ax-HE40 MCS0	3	2422	18.30	19.50		18.00		16.00		13.00		10.00		19.50		17.50		14.50		11.50		15.50		13.50	18.30	19.50		19.50		18.50		15.50	100
		6	2437	18.27	19.50		18.00		16.00		13.00		10.00		19.50		17.50		14.50		11.50		15.50		13.50	18.27	19.50		19.50		18.50		15.50	
		9	2452	17.21	18.50		18.00		16.00		13.00		10.00		18.50		17.50		14.50		11.50		15.50		13.50	17.21	18.50		18.50		18.50		15.50	

Ant 4+5(4) Full Power						Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Hotspot non DBS		Hotspot DBS		Extremity Standalone&DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.74	19.00	Not Required	17.50	Not Required	16.50	Not Required	13.50	Not Required	10.50	17.74	19.00	Not Required	19.00	Not Required	16.50	Not Required	13.50	Not Required	15.00	Not Required	13.00	17.74	19.00	Not Required	19.00	Not Required	16.00	98.97
		40	5200	18.22	19.50		17.50		16.50		13.50		10.50	18.22	19.50		19.50		16.50		13.50		15.00		13.00	18.22	19.50		19.00		16.00	
		44	5220	18.24	19.50		17.50		16.50		13.50		10.50	18.24	19.50		19.50		16.50		13.50		15.00		13.00	18.24	19.50		19.00		16.00	
		48	5240	17.98	19.50		17.50		16.50		13.50		10.50	17.98	19.50		19.50		16.50		13.50		15.00		13.00	17.98	19.50		19.00		16.00	
	802.11n-HT20 MCS0	36	5180	19.09	20.50		17.50		16.50		13.50		10.50	19.09	20.50		19.50		16.50		13.50		15.00		13.00	19.09	20.50		19.00		16.00	100
		40	5200	18.58	20.50		17.50		16.50		13.50		10.50	18.58	20.50		19.50		16.50		13.50		15.00		13.00	18.58	20.50		19.00		16.00	
		44	5220	18.56	20.50		17.50		16.50		13.50		10.50	18.56	20.50		19.50		16.50		13.50		15.00		13.00	18.56	20.50		19.00		16.00	
		48	5240	18.26	20.00		17.50		16.50		13.50		10.50	18.26	20.00		19.50		16.50		13.50		15.00		13.00	18.26	20.00		19.00		16.00	
	802.11n-HT40 MCS0	38	5190	16.94	18.50		17.50		16.50		13.50		10.50	16.94	18.50	16.94	18.50		16.50		13.50		15.00		13.00	16.94	18.50	16.94	18.50		16.00	100
		46	5230	18.95	20.50		17.50		16.50		13.50		10.50	18.95	20.50	18.00	19.50		16.50		13.50		15.00		13.00	18.95	20.50	17.67	19.00		16.00	
	802.11ac-VHT20 MCS0	36	5180	19.11	20.50		17.50		16.50		13.50		10.50	19.11	20.50	Not Required	19.50		16.50		13.50		15.00		13.00	19.11	20.50	Not Required	19.00		16.00	100
		40	5200	19.08	20.50		17.50		16.50		13.50		10.50	19.08	20.50		19.50		16.50		13.50		15.00		13.00	19.08	20.50		19.00		16.00	
		44	5220	19.16	20.50		17.50		16.50		13.50		10.50	19.16	20.50		19.50		16.50		13.50		15.00		13.00	19.16	20.50		19.00		16.00	
		48	5240	18.32	20.00		17.50		16.50		13.50		10.50	18.32	20.00		19.50		16.50		13.50		15.00		13.00	18.32	20.00		19.00		16.00	
	802.11ac-VHT40 MCS0	38	5190	17.01	18.50		17.50		16.50		13.50		10.50	17.01	18.50		18.50		16.50		13.50		15.00		13.00	17.01	18.50		18.50		16.00	100
		46	5230	18.99	20.50		17.50		16.50		13.50		10.50	18.99	20.50		19.50		16.50		13.50		15.00		13.00	18.99	20.50		19.00		16.00	
	802.11ac-VHT80 MCS0	42	5210	16.63	18.00	16.12	17.50	15.18	16.50	12.15	13.50	9.12	10.50	16.63	18.00		18.00	15.18	16.50	12.15	13.50	13.62	15.00	11.64	13.00	16.63	18.00		18.00	14.72	16.00	100
	802.11ax-HE20 MCS0	36	5180	19.12	20.50	Not Required	17.50	Not Required	16.50	Not Required	13.50	Not Required	10.50	19.12	20.50		19.50	Not Required	16.50	Not Required	13.50	Not Required	15.00	Not Required	13.00	19.12	20.50		19.00	Not Required	16.00	100
		40	5200	19.11	20.50		17.50		16.50		13.50		10.50	19.11	20.50		19.50		16.50		13.50		15.00		13.00	19.11	20.50		19.00		16.00	
		44	5220	19.18	20.50		17.50		16.50		13.50		10.50	19.18	20.50		19.50		16.50		13.50		15.00		13.00	19.18	20.50		19.00		16.00	
		48	5240	18.39	20.00		17.50		16.50		13.50		10.50	18.39	20.00		19.50		16.50		13.50		15.00		13.00	18.39	20.00		19.00		16.00	
	802.11ax-HE40 MCS0	38	5190	17.05	18.50		17.50		16.50		13.50		10.50	17.05	18.50		18.50		16.50		13.50		15.00		13.00	17.05	18.50		18.50		16.00	100
		46	5230	19.03	20.50		17.50		16.50		13.50		10.50	19.03	20.50		19.50		16.50		13.50		15.00		13.00	19.03	20.50		19.00		16.00	
	802.11ax-HE80 MCS0	42	5210	16.64	18.00		17.50		16.50		13.50		10.50	16.64	18.00		18.00		16.50		13.50		15.00		13.00	16.64	18.00		18.00		16.00	100

Ant 4+5(4) Full Power						Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Extremity Standalone&DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.00	19.50	Not Required	18.00	Not Required	17.00	Not Required	14.00	Not Required	11.00	18.00	19.50	Not Required	19.50	Not Required	17.00	Not Required	14.00	18.00	19.50	Not Required	17.50	Not Required	14.50	98.97
		56	5280	18.05	19.50		18.00		17.00		14.00		11.00	18.05	19.50		19.50		17.00		14.00	18.05	19.50		17.50		14.50	
		60	5300	17.94	19.50		18.00		17.00		14.00		11.00	17.94	19.50		19.50		17.00		14.00	17.94	19.50		17.50		14.50	
		64	5320	17.90	19.50		18.00		17.00		14.00		11.00	17.90	19.50		19.50		17.00		14.00	17.90	19.50		17.50		14.50	
	802.11n-HT20 MCS0	52	5260	19.24	21.00		18.00		17.00		14.00		11.00	19.24	21.00		20.00		17.00		14.00	19.24	21.00		17.50		14.50	100
		56	5280	19.26	21.00		18.00		17.00		14.00		11.00	19.26	21.00		20.00		17.00		14.00	19.26	21.00		17.50		14.50	
		60	5300	19.20	21.00		18.00		17.00		14.00		11.00	19.20	21.00		20.00		17.00		14.00	19.20	21.00		17.50		14.50	
		64	5320	18.64	20.50		18.00		17.00		14.00		11.00	18.64	20.50		20.00		17.00		14.00	18.64	20.50		17.50		14.50	
	802.11n-HT40 MCS0	54	5270	19.16	21.00		18.00		17.00		14.00		11.00	19.16	21.00	18.41	20.00		17.00		14.00	19.16	21.00		17.50		14.50	100
		62	5310	17.97	19.50		18.00		17.00		14.00		11.00	17.97	19.50	17.97	19.50		17.00		14.00	17.97	19.50		17.50		14.50	
	802.11ac-VHT20 MCS0	52	5260	19.28	21.00		18.00		17.00		14.00		11.00	19.28	21.00	Not Required	20.00		17.00		14.00	19.28	21.00		17.50		14.50	100
		56	5280	19.31	21.00		18.00		17.00		14.00		11.00	19.31	21.00		20.00		17.00		14.00	19.31	21.00		17.50		14.50	
		60	5300	19.26	21.00		18.00		17.00		14.00		11.00	19.26	21.00		20.00		17.00		14.00	19.26	21.00		17.50		14.50	
		64	5320	18.71	20.50		18.00		17.00		14.00		11.00	18.71	20.50		20.00		17.00		14.00	18.71	20.50		17.50		14.50	
	802.11ac-VHT40 MCS0	54	5270	19.18	21.00		18.00		17.00		14.00		11.00	19.18	21.00		20.00		17.00		14.00	19.18	21.00		17.50		14.50	100
		62	5310	18.03	20.00		18.00		17.00		14.00		11.00	18.03	20.00		20.00		17.00		14.00	18.03	20.00		17.50		14.50	
	802.11ac-VHT80 MCS0	58	5290	17.31	19.00	16.25	18.00	15.28	17.00	12.36	14.00	9.42	11.00	17.31	19.00		19.00	15.28	17.00	12.36	14.00	17.31	19.00	15.80	17.50	12.89	14.50	100
	802.11ac-VHT160	50	5250	16.20	18.00	Not Required	18.00	Not Required	17.00	Not Required	14.00	Not Required	11.00	16.20	18.00		18.00	Not Required	17.00	Not Required	14.00	16.20	18.00	Not Required	17.50	Not Required	14.50	100
	802.11ax-HE20 MCS0	52	5260	19.34	21.00		18.00		17.00		14.00		11.00	19.34	21.00		20.00		17.00		14.00	19.34	21.00		17.50		14.50	100
		56	5280	19.36	21.00		18.00		17.00		14.00		11.00	19.36	21.00		20.00		17.00		14.00	19.36	21.00		17.50		14.50	
		60	5300	19.27	21.00		18.00		17.00		14.00		11.00	19.27	21.00		20.00		17.00		14.00	19.27	21.00		17.50		14.50	
		64	5320	18.77	20.50		18.00		17.00		14.00		11.00	18.77	20.50		20.00		17.00		14.00	18.77	20.50		17.50		14.50	
	802.11ax-HE40 MCS0	54	5270	19.21	21.00		18.00		17.00		14.00		11.00	19.21	21.00		20.00		17.00		14.00	19.21	21.00		17.50		14.50	100
		62	5310	18.11	20.00		18.00		17.00		14.00		11.00	18.11	20.00		20.00		17.00		14.00	18.11	20.00		17.50		14.50	
	802.11ax-HE80 MCS0	58	5290	17.35	19.00		18.00		17.00		14.00		11.00	17.35	19.00		19.00		17.00		14.00	17.35	19.00		17.50		14.50	100
	802.11ax-HE160 MCS0	50	5250	16.22	18.00		18.00		17.00		14.00		11.00	16.22	18.00		18.00		17.00		14.00	16.22	18.00		17.50		14.50	100

Ant 4+5(4) Full Power						Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Extremity Standalone		Extremity DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	17.31	19.00	Not Required	14.50	Not Required	13.50	Not Required	10.50	Not Required	7.50	Not Required	19.00	Not Required	17.50	Not Required	14.50	Not Required	11.50	17.31	19.00	Not Required	19.00	Not Required	15.50	Not Required	12.50	98.97
		116	5580	16.89	18.50		14.50		13.50		10.50		7.50		18.50		17.50		14.50		11.50	16.89	18.50		18.50		15.50		12.50	
		124	5620	17.02	18.50		14.50		13.50		10.50		7.50		18.50		17.50		14.50		11.50	17.02	18.50		18.50		15.50		12.50	
		132	5660	17.38	19.00		14.50		13.50		10.50		7.50		19.00		17.50		14.50		11.50	17.38	19.00		19.00		15.50		12.50	
		140	5700	17.65	19.00		14.50		13.50		10.50		7.50		19.00		17.50		14.50		11.50	17.65	19.00		19.00		15.50		12.50	
		144	5720	17.62	19.00		14.50		13.50		10.50		7.50		19.00		17.50		14.50		11.50	17.62	19.00		19.00		15.50		12.50	
	802.11n-HT20 MCS0	100	5500	18.13	19.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.13	19.50		19.00		15.50		12.50	100
		116	5580	18.60	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.60	20.50		19.00		15.50		12.50	
		124	5620	18.62	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.62	20.50		19.00		15.50		12.50	
		132	5660	18.73	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.73	20.50		19.00		15.50		12.50	
		140	5700	17.71	19.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	17.71	19.50		19.00		15.50		12.50	
		144	5720	18.48	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.48	20.00		19.00		15.50		12.50	
	802.11n-HT40 MCS0	102	5510	16.19	17.50		14.50		13.50		10.50		7.50		17.50		17.50		14.50		11.50	16.19	17.50		17.50		15.50		12.50	100
		110	5550	18.65	19.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.19	19.50		19.00		15.50		12.50	
		126	5630	18.72	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.72	20.50		19.00		15.50		12.50	
		134	5670	18.18	19.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.18	20.00		19.00		15.50		12.50	
		142	5710	18.97	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.97	20.50		19.00		15.50		12.50	
	802.11ac-VHT20 MCS0	100	5500	18.17	19.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.17	19.50		19.00		15.50		12.50	100
		116	5580	18.68	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.68	20.50		19.00		15.50		12.50	
		124	5620	18.63	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.63	20.50		19.00		15.50		12.50	
		132	5660	18.76	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.76	20.50		19.00		15.50		12.50	
		140	5700	17.78	19.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	17.78	19.50		19.00		15.50		12.50	
		144	5720	18.53	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.53	20.00		19.00		15.50		12.50	
	802.11ac-VHT40 MCS0	102	5510	16.22	17.50		14.50		13.50		10.50		7.50		17.50		17.50		14.50		11.50	16.22	17.50		17.50		15.50		12.50	100
		110	5550	18.69	20.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.69	20.50		19.00		15.50		12.50	
		126	5630	18.75	20.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.75	20.50		19.00		15.50		12.50	
		134	5670	18.25	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.25	20.00		19.00		15.50		12.50	
		142	5710	18.99	20.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.99	20.50		19.00		15.50		12.50	
	802.11ac-VHT80 MCS0	106	5530	16.58	18.50	12.93	14.50	11.95	13.50	8.90	10.50	5.89	7.50	16.58	18.50	15.95	17.50	12.91	14.50	9.99	11.50	16.58	18.50	16.58	18.50	13.91	15.50	10.92	12.50	100
		122	5610	18.84	20.50	12.90	14.50	11.88	13.50	8.93	10.50	5.92	7.50	17.87	19.50	15.90	17.50	12.94	14.50	9.89	11.50	18.84	20.50	17.48	19.00	13.94	15.50	10.96	12.50	
		138	5690	19.05	20.50	13.14	14.50	12.00	13.50	9.16	10.50	6.00	7.50	18.14	19.50	15.99	17.50	13.19	14.50	10.00	11.50	19.05	20.50	17.72	19.00	14.19	15.50	11.18	12.50	
	802.11ac-VHT160	114	5570	16.15	18.00	Not Required	14.50	Not Required	13.50	Not Required	10.50	Not Required	7.50	Not Required	18.00	Not Required	17.50	Not Required	14.50	Not Required	11.50	16.15	18.00	Not Required	18.00	Not Required	15.50	Not Required	12.50	100
	802.11ax-HE20 MCS0	100	5500	18.26	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.26	20.00		19.00		15.50		12.50	100
		116	5580	18.72	20.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.72	20.50		19.00		15.50		12.50	
		124	5620	18.66	20.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.66	20.50		19.00		15.50		12.50	
		132	5660	18.78	20.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.78	20.50		19.00		15.50		12.50	
		140	5700	17.81	19.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	17.81	19.50		19.00		15.50		12.50	
		144	5720	18.61	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.61	20.00		19.00		15.50		12.50	
	802.11ax-HE40 MCS0	102	5510	16.35	17.50		14.50		13.50		10.50		7.50		17.50		17.50		14.50		11.50	16.35	17.50		17.50		15.50		12.50	100
		110	5550	18.71	20.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.71	20.50		19.00		15.50		12.50	
		126	5630	18.77	20.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.77	20.50		19.00		15.50		12.50	
		134	5670	18.28	20.00		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.28	20.00		19.00		15.50		12.50	
		142	5710	19.02	20.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	19.02	20.50		19.00		15.50		12.50	
	802.11ax-HE80 MCS0	106	5530	16.62	18.50		14.50		13.50		10.50		7.50		18.50		17.50		14.50		11.50	16.62	18.50		18.50		15.50		12.50	100
		122	5610	18.87	20.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	18.87	20.50		19.00		15.50		12.50	
		138	5690	19.08	20.50		14.50		13.50		10.50		7.50		19.50		17.50		14.50		11.50	19.08	20.50		19.00		15.50		12.50	
	802.11ax-HE160 MCS0	114	5570	16.19	18.00		14.50		13.50		10.50		7.50		18.00		17.50		14.50		11.50	16.19	18.00		18.00		15.50		12.50	100

Ant 4+5(4) Full Power						Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Hotspot non DBS		Hotspot DBS		Extremity Standalone		Extremity DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	19.04	20.00	Not Required	14.00	Not Required	13.00	Not Required	10.00	Not Required	7.00	Not Required	18.50	Not Required	17.00	Not Required	14.00	Not Required	11.00	Not Required	13.00	Not Required	11.00	19.04	20.00	Not Required	18.00	Not Required	15.50	Not Required	12.50	98.97
		157	5785	18.69	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.69	20.00		18.00		15.50		12.50	
		165	5825	18.70	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.70	20.00		18.00		15.50		12.50	
	802.11n-HT20 MCS0	149	5745	18.94	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.94	20.00		18.00		15.50		12.50	100
		157	5785	18.48	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.48	20.00		18.00		15.50		12.50	
		165	5825	18.53	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.53	20.00		18.00		15.50		12.50	
	802.11n-HT40 MCS0	151	5755	18.75	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.75	20.00		18.00		15.50		12.50	100
		159	5795	18.48	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.48	20.00		18.00		15.50		12.50	
	802.11ac-VHT20 MCS0	149	5745	18.95	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.95	20.00		18.00		15.50		12.50	100
		157	5785	18.50	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.50	20.00		18.00		15.50		12.50	
		165	5825	18.57	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.57	20.00		18.00		15.50		12.50	
	802.11ac-VHT40 MCS0	151	5755	18.77	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.77	20.00		18.00		15.50		12.50	100
		159	5795	18.51	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.51	20.00		18.00		15.50		12.50	
	802.11ac-VHT80 MCS0	155	5775	18.73	20.00	12.99	14.00	12.00	13.00	8.81	10.00	5.92	7.00	16.91	18.50	15.88	17.00	12.99	14.00	9.64	11.00	11.99	13.00	9.64	11.00	18.73	20.00	16.72	18.00	13.93	15.50	11.00	12.50	100
	802.11ax-HE20 MCS0	149	5745	18.98	20.00	Not Required	14.00	Not Required	13.00	Not Required	10.00	Not Required	7.00	Not Required	18.50	Not Required	17.00	Not Required	14.00	Not Required	11.00	Not Required	13.00	Not Required	11.00	18.98	20.00	Not Required	18.00	Not Required	15.50	Not Required	12.50	100
		157	5785	18.56	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.56	20.00		18.00		15.50		12.50	
		165	5825	18.62	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.62	20.00		18.00		15.50		12.50	
	802.11ax-HE40 MCS0	151	5755	18.78	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.78	20.00		18.00		15.50		12.50	100
		159	5795	18.56	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.56	20.00		18.00		15.50		12.50	
	802.11ax-HE80 MCS0	155	5775	18.76	20.00		14.00		13.00		10.00		7.00		18.50		17.00		14.00		11.00		13.00		11.00	18.76	20.00		18.00		15.50		12.50	100

Ant 4+6 Full Power						Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Hotspot non DBS		Hotspot DBS		Extremity Standalone		Extremity DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	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	24.42	26.00	20.00	21.50	18.01	19.50	15.00	16.50	11.91	13.50	21.99	23.50	19.55	21.00	16.47	18.00	13.41	15.00	17.46	19.00	15.50	17.00	24.42	26.00	22.98	24.50	20.47	22.00	17.46	19.00	100
		6	2437	24.34	26.00	19.90	21.50	17.82	19.50	14.90	16.50	11.88	13.50	21.89	23.50	19.41	21.00	16.37	18.00	13.32	15.00	17.38	19.00	15.42	17.00	24.34	26.00	22.93	24.50	20.41	22.00	17.38	19.00	
		11	2462	24.36	26.00	19.92	21.50	17.94	19.50	14.94	16.50	11.86	13.50	21.91	23.50	19.35	21.00	16.40	18.00	13.36	15.00	17.39	19.00	15.42	17.00	24.36	26.00	22.89	24.50	20.42	22.00	17.39	19.00	
	802.11g 6Mbps	1	2412	21.43	23.00	Not Required	21.50	Not Required	19.50	Not Required	16.50	Not Required	13.50	Not Required	23.00	Not Required	21.00	Not Required	18.00	Not Required	15.00	Not Required	19.00	Not Required	17.00	21.43	23.00	Not Required	23.00	Not Required	22.00	Not Required	19.00	99.31
		6	2437	21.34	23.00		21.50		19.50		16.50		13.50		23.00		21.00		18.00		15.00		19.00		17.00	21.34	23.00		23.00		22.00		19.00	
		11	2462	21.41	23.00		21.50		19.50		16.50		13.50		23.00		21.00		18.00		15.00		19.00		17.00	21.41	23.00		23.00		22.00		19.00	
	802.11n-HT20 MCS0	1	2412	21.26	23.00		21.50		19.50		16.50		13.50		23.00		21.00		18.00		15.00		19.00		17.00	21.26	23.00		23.00		22.00		19.00	100
		6	2437	21.16	23.00		21.50		19.50		16.50		13.50		23.00		21.00		18.00		15.00		19.00		17.00	21.16	23.00		23.00		22.00		19.00	
		11	2462	21.26	23.00		21.50		19.50		16.50		13.50		23.00		21.00		18.00		15.00		19.00		17.00	21.26	23.00		23.00		22.00		19.00	
	802.11n-HT40 MCS0	3	2422	21.28	23.00	19.80	21.50	17.86	19.50	14.89	16.50	11.84	13.50	21.28	23.00	19.31	21.00	16.38	18.00	13.37	15.00	17.32	19.00	15.32	17.00	21.28	23.00	21.28	23.00	20.33	22.00	17.32	19.00	100
		6	2437	21.23	23.00	19.73	21.50	17.80	19.50	14.86	16.50	11.76	13.50	21.23	23.00	19.22	21.00	16.32	18.00	13.29	15.00	17.27	19.00	15.27	17.00	21.23	23.00	21.23	23.00	20.28	22.00	17.27	19.00	
		9	2452	20.26	22.00	19.82	21.50	17.80	19.50	14.82	16.50	11.79	13.50	20.26	22.00	19.25	21.00	16.32	18.00	13.33	15.00	17.24	19.00	15.31	17.00	20.26	22.00	20.26	22.00	20.26	22.00	17.24	19.00	
	802.11ax-HE20 MCS0	1	2412	21.35	23.00	Not Required	21.50	Not Required	19.50	Not Required	16.50	Not Required	13.50	Not Required	23.00	Not Required	21.00	Not Required	18.00	Not Required	15.00	Not Required	19.00	Not Required	17.00	21.35	23.00	Not Required	23.00	Not Required	22.00	Not Required	19.00	100
		6	2437	21.25	23.00		21.50		19.50		16.50		13.50		23.00		21.00		18.00		15.00		19.00		17.00	21.25	23.00		23.00		22.00		19.00	
		11	2462	21.36	23.00		21.50		19.50		16.50		13.50		23.00		21.00		18.00		15.00		19.00		17.00	21.36	23.00		23.00		22.00		19.00	
	802.11ax-HE40 MCS0	3	2422	21.37	23.00		21.50		19.50		16.50		13.50		23.00		21.00		18.00		15.00		19.00		17.00	21.37	23.00		23.00		22.00		19.00	100
		6	2437	21.31	23.00		21.50		19.50		16.50		13.50		23.00		21.00		18.00		15.00		19.00		17.00	21.31	23.00		23.00		22.00		19.00	
		9	2452	20.28	22.00		21.50		19.50		16.50		13.50		22.00		21.00		18.00		15.00		19.00		17.00	20.28	22.00		22.00		22.00		19.00	

Ant 5+4 Full Power						Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Hotspot non DBS		Hotspot DBS		Extremity Standalone&DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	20.87	22.50	Not Required	21.00	Not Required	20.00	Not Required	17.00	Not Required	14.00	20.87	22.50	Not Required	22.50	Not Required	20.00	Not Required	17.00	Not Required	18.50	Not Required	16.50	20.87	22.50	Not Required	22.50	Not Required	19.50	98.97
		40	5200	21.32	23.00		21.00		20.00		17.00		14.00	21.32	23.00		23.00		20.00		17.00		18.50		16.50	21.32	23.00		22.50		19.50	
		44	5220	21.37	23.00		21.00		20.00		17.00		14.00	21.37	23.00		23.00		20.00		17.00		18.50		16.50	21.37	23.00		22.50		19.50	
		48	5240	21.04	23.00		21.00		20.00		17.00		14.00	21.04	23.00		23.00		20.00		17.00		18.50		16.50	21.04	23.00		22.50		19.50	
	802.11n-HT20 MCS0	36	5180	22.25	24.00		21.00		20.00		17.00		14.00	22.25	24.00		23.00		20.00		17.00		18.50		16.50	22.25	24.00		22.50		19.50	100
		40	5200	22.02	24.00		21.00		20.00		17.00		14.00	22.02	24.00		23.00		20.00		17.00		18.50		16.50	22.02	24.00		22.50		19.50	
		44	5220	22.04	24.00		21.00		20.00		17.00		14.00	22.04	24.00		23.00		20.00		17.00		18.50		16.50	22.04	24.00		22.50		19.50	
		48	5240	21.56	23.50		21.00		20.00		17.00		14.00	21.56	23.50		23.00		20.00		17.00		18.50		16.50	21.56	23.50		22.50		19.50	
	802.11n-HT40 MCS0	38	5190	20.21	22.00		21.00		20.00		17.00		14.00	20.21	22.00	20.21	22.00		20.00		17.00		18.50		16.50	20.21	22.00	20.21	22.00		19.50	100
		46	5230	22.27	24.00		21.00		20.00		17.00		14.00	22.27	24.00	21.29	23.00		20.00		17.00		18.50		16.50	22.27	24.00	20.90	22.50		19.50	
	802.11ac-VHT20 MCS0	36	5180	22.27	24.00		21.00		20.00		17.00		14.00	22.27	24.00	Not Required	23.00		20.00		17.00		18.50		16.50	22.27	24.00	Not Required	22.50		19.50	100
		40	5200	22.27	24.00		21.00		20.00		17.00		14.00	22.27	24.00		23.00		20.00		17.00		18.50		16.50	22.27	24.00		22.50		19.50	
		44	5220	22.34	24.00		21.00		20.00		17.00		14.00	22.34	24.00		23.00		20.00		17.00		18.50		16.50	22.34	24.00		22.50		19.50	
		48	5240	21.60	23.50		21.00		20.00		17.00		14.00	21.60	23.50		23.00		20.00		17.00		18.50		16.50	21.60	23.50		22.50		19.50	
	802.11ac-VHT40 MCS0	38	5190	20.26	22.00		21.00		20.00		17.00		14.00	20.26	22.00		22.00		20.00		17.00		18.50		16.50	20.26	22.00		22.00		19.50	100
		46	5230	22.30	24.00		21.00		20.00		17.00		14.00	22.30	24.00		23.00		20.00		17.00		18.50		16.50	22.30	24.00		22.50		19.50	
	802.11ac-VHT80 MCS0	42	5210	19.87	21.50	19.36	21.00	18.37	20.00	15.36	17.00	12.36	14.00	19.87	21.50		21.50	18.37	20.00	15.36	17.00	16.87	18.50	14.85	16.50	19.87	21.50		21.50	17.93	19.50	100
	802.11ax-HE20 MCS0	36	5180	22.28	24.00	Not Required	21.00	Not Required	20.00	Not Required	17.00	Not Required	14.00	22.28	24.00		23.00	Not Required	20.00	Not Required	17.00	Not Required	18.50	Not Required	16.50	22.28	24.00		22.50	Not Required	19.50	100
		40	5200	22.30	24.00		21.00		20.00		17.00		14.00	22.30	24.00		23.00		20.00		17.00		18.50		16.50	22.30	24.00		22.50		19.50	
		44	5220	22.36	24.00		21.00		20.00		17.00		14.00	22.36	24.00		23.00		20.00		17.00		18.50		16.50	22.36	24.00		22.50		19.50	
		48	5240	21.68	23.50		21.00		20.00		17.00		14.00	21.68	23.50		23.00		20.00		17.00		18.50		16.50	21.68	23.50		22.50		19.50	
	802.11ax-HE40 MCS0	38	5190	20.30	22.00		21.00		20.00		17.00		14.00	20.30	22.00		22.00		20.00		17.00		18.50		16.50	20.30	22.00		22.00		19.50	100
		46	5230	22.33	24.00		21.00		20.00		17.00		14.00	22.33	24.00		23.00		20.00		17.00		18.50		16.50	22.33	24.00		22.50		19.50	
	802.11ax-HE80 MCS0	42	5210	19.89	21.50		21.00		20.00		17.00		14.00	19.89	21.50		21.50		20.00		17.00		18.50		16.50	19.89	21.50		21.50		19.50	100

Ant 5+4 Full Power						Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Extremity Standalone&DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	21.06	22.50	Not Required	21.50	Not Required	20.50	Not Required	17.50	Not Required	14.50	21.06	22.50	Not Required	22.50	Not Required	20.50	Not Required	17.50	21.06	22.50	Not Required	21.00	Not Required	18.00	98.97
		56	5280	21.18	23.00		21.50		20.50		17.50		14.50	21.18	23.00		23.00		20.50		17.50	21.18	23.00		21.00		18.00	
		60	5300	21.12	23.00		21.50		20.50		17.50		14.50	21.12	23.00		23.00		20.50		17.50	21.12	23.00		21.00		18.00	
		64	5320	21.19	23.00		21.50		20.50		17.50		14.50	21.19	23.00		23.00		20.50		17.50	21.19	23.00		21.00		18.00	
	802.11n-HT20 MCS0	52	5260	22.44	24.00		21.50		20.50		17.50		14.50	22.44	24.00		23.50		20.50		17.50	22.44	24.00		21.00		18.00	100
		56	5280	22.44	24.00		21.50		20.50		17.50		14.50	22.44	24.00		23.50		20.50		17.50	22.44	24.00		21.00		18.00	
		60	5300	22.49	24.00		21.50		20.50		17.50		14.50	22.49	24.00		23.50		20.50		17.50	22.49	24.00		21.00		18.00	
		64	5320	22.00	23.50		21.50		20.50		17.50		14.50	22.53	24.00		23.50		20.50		17.50	22.53	24.00		21.00		18.00	
	802.11n-HT40 MCS0	54	5270	22.53	24.50		21.50		20.50		17.50		14.50	22.53	24.50	21.67	23.50		20.50		17.50	22.53	24.50		21.00		18.00	100
		62	5310	21.50	23.50		21.50		20.50		17.50		14.50	21.50	23.50	21.50	23.50		20.50		17.50	21.50	23.50		21.00		18.00	
	802.11ac-VHT20 MCS0	52	5260	22.52	24.50		21.50		20.50		17.50		14.50	22.52	24.50	Not Required	23.50		20.50		17.50	22.52	24.50		21.00		18.00	100
		56	5280	22.53	24.50		21.50		20.50		17.50		14.50	22.53	24.50		23.50		20.50		17.50	22.53	24.50		21.00		18.00	
		60	5300	22.54	24.50		21.50		20.50		17.50		14.50	22.54	24.50		23.50		20.50		17.50	22.54	24.50		21.00		18.00	
		64	5320	22.08	24.00		21.50		20.50		17.50		14.50	22.08	24.00		23.50		20.50		17.50	22.08	24.00		21.00		18.00	
	802.11ac-VHT40 MCS0	54	5270	22.55	24.50		21.50		20.50		17.50		14.50	22.55	24.50		23.50		20.50		17.50	22.55	24.50		21.00		18.00	100
		62	5310	21.56	23.50		21.50		20.50		17.50		14.50	21.56	23.50		23.50		20.50		17.50	21.56	23.50		21.00		18.00	
	802.11ac-VHT80 MCS0	58	5290	20.67	22.50	19.60	21.50	18.59	20.50	15.57	17.50	12.67	14.50	20.67	22.50		22.50	18.59	20.50	15.57	17.50	20.67	22.50	19.13	21.00	16.18	18.00	100
	802.11ac-VHT160	50	5250	19.59	21.50	Not Required	21.50	Not Required	20.50	Not Required	17.50	Not Required	14.50	19.59	21.50		21.50	Not Required	20.50	Not Required	17.50	19.59	21.50	Not Required	21.00	Not Required	18.00	100
	802.11ax-HE20 MCS0	52	5260	22.55	24.50		21.50		20.50		17.50		14.50	22.55	24.50		23.50		20.50		17.50	22.55	24.50		21.00		18.00	100
		56	5280	22.59	24.50		21.50		20.50		17.50		14.50	22.59	24.50		23.50		20.50		17.50	22.59	24.50		21.00		18.00	
		60	5300	22.55	24.50		21.50		20.50		17.50		14.50	22.55	24.50		23.50		20.50		17.50	22.55	24.50		21.00		18.00	
		64	5320	22.14	24.00		21.50		20.50		17.50		14.50	22.14	24.00		23.50		20.50		17.50	22.14	24.00		21.00		18.00	
	802.11ax-HE40 MCS0	54	5270	22.57	24.50		21.50		20.50		17.50		14.50	22.57	24.50		23.50		20.50		17.50	22.57	24.50		21.00		18.00	100
		62	5310	21.60	23.50		21.50		20.50		17.50		14.50	21.60	23.50		23.50		20.50		17.50	21.60	23.50		21.00		18.00	
	802.11ax-HE80 MCS0	58	5290	20.71	22.50		21.50		20.50		17.50		14.50	20.71	22.50		22.50		20.50		17.50	20.71	22.50		21.00		18.00	100
	802.11ax-HE160 MCS0	50	5250	19.61	21.50		21.50		20.50		17.50		14.50	19.61	21.50		21.50		20.50		17.50	19.61	21.50		21.00		18.00	100

Ant 5+4 Full Power						Head Standalone		Head DBS only		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Extremity Standalone		Extremity DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	20.84	22.50	Not Required	18.00	Not Required	17.00	Not Required	14.00	Not Required	11.00	Not Required	22.50	Not Required	21.00	Not Required	18.00	Not Required	15.00	20.84	22.50	Not Required	22.50	Not Required	19.00	Not Required	16.00	98.97
		116	5580	20.58	22.50		18.00		17.00		14.00		11.00		22.00		21.00		18.00		15.00	20.58	22.00		22.00		19.00		16.00	
		124	5620	20.67	22.00		18.00		17.00		14.00		11.00		22.00		21.00		18.00		15.00	20.67	22.00		22.00		19.00		16.00	
		132	5660	20.84	22.50		18.00		17.00		14.00		11.00		22.50		21.00		18.00		15.00	20.84	22.50		22.50		19.00		16.00	
		140	5700	20.93	22.50		18.00		17.00		14.00		11.00		22.50		21.00		18.00		15.00	20.93	22.50		22.50		19.00		16.00	
		144	5720	20.88	22.50		18.00		17.00		14.00		11.00		22.50		21.00		18.00		15.00	20.88	22.50		22.50		19.00		16.00	
	802.11n-HT20 MCS0	100	5500	21.47	23.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	21.47	23.00		22.50		19.00		16.00	100
		116	5580	22.26	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.26	24.00		22.50		19.00		16.00	
		124	5620	22.25	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.25	24.00		22.50		19.00		16.00	
		132	5660	22.20	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.20	24.00		22.50		19.00		16.00	
		140	5700	21.14	23.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	21.14	23.00		22.50		19.00		16.00	
		144	5720	21.76	23.50		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	21.76	23.50		22.50		19.00		16.00	
	802.11n-HT40 MCS0	102	5510	19.74	21.50		18.00		17.00		14.00		11.00		21.00		21.00		18.00		15.00	19.74	21.00		21.00		19.00		16.00	100
		110	5550	22.38	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.19	23.50		22.50		19.00		16.00	
		126	5630	22.41	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.41	24.00		22.50		19.00		16.00	
		134	5670	21.70	23.50		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	21.70	23.50		22.50		19.00		16.00	
		142	5710	22.49	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.49	24.00		22.50		19.00		16.00	
	802.11ac-VHT20 MCS0	100	5500	21.51	23.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	21.51	23.00		22.50		19.00		16.00	100
		116	5580	22.30	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.30	24.00		22.50		19.00		16.00	
		124	5620	22.26	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.26	24.00		22.50		19.00		16.00	
		132	5660	22.23	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.23	24.00		22.50		19.00		16.00	
		140	5700	21.21	23.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	21.21	23.00		22.50		19.00		16.00	
		144	5720	21.82	23.50		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	21.82	23.50		22.50		19.00		16.00	
	802.11ac-VHT40 MCS0	102	5510	19.76	21.00		18.00		17.00		14.00		11.00		21.00		21.00		18.00		15.00	19.76	21.00		21.00		19.00		16.00	100
		110	5550	22.42	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.42	24.00		22.50		19.00		16.00	
		126	5630	22.45	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.45	24.00		22.50		19.00		16.00	
		134	5670	21.75	23.50		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	21.75	23.50		22.50		19.00		16.00	
		142	5710	22.53	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.53	24.00		22.50		19.00		16.00	
	802.11ac-VHT80 MCS0	106	5530	20.20	22.00	16.38	18.00	15.41	17.00	12.26	14.00	9.35	11.00	21.42	23.00	19.41	21.00	16.36	18.00	13.42	15.00	20.20	22.00	20.20	22.00	17.36	19.00	14.39	16.00	100
		122	5610	22.44	24.00	16.37	18.00	15.38	17.00	12.27	14.00	9.32	11.00	21.40	23.00	19.39	21.00	16.42	18.00	13.41	15.00	22.44	24.00	20.94	22.50	17.42	19.00	14.44	16.00	
		138	5690	22.48	24.00	16.48	18.00	15.44	17.00	12.39	14.00	9.36	11.00	21.56	23.00	19.41	21.00	16.48	18.00	13.42	15.00	22.48	24.00	21.00	22.50	17.48	19.00	14.50	16.00	
	802.11ac-VHT160	114	5570	19.67	21.50	Not Required	18.00	Not Required	17.00	Not Required	14.00	Not Required	11.00	Not Required	21.50	Not Required	21.00	Not Required	18.00	Not Required	15.00	19.67	21.50	Not Required	21.50	Not Required	19.00	Not Required	16.00	100
	802.11ax-HE20 MCS0	100	5500	21.59	23.50		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	21.59	23.50		22.50		19.00		16.00	100
		116	5580	22.34	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.34	24.00		22.50		19.00		16.00	
		124	5620	22.35	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.35	24.00		22.50		19.00		16.00	
		132	5660	22.35	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.35	24.00		22.50		19.00		16.00	
		140	5700	21.26	23.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	21.26	23.00		22.50		19.00		16.00	
		144	5720	21.91	23.50		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	21.91	23.50		22.50		19.00		16.00	
	802.11ax-HE40 MCS0	102	5510	19.84	21.00		18.00		17.00		14.00		11.00		21.00		21.00		18.00		15.00	19.84	21.00		21.00		19.00		16.00	100
		110	5550	22.45	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.45	24.00		22.50		19.00		16.00	
		126	5630	22.47	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.47	24.00		22.50		19.00		16.00	
		134	5670	21.79	23.50		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	21.79	23.50		22.50		19.00		16.00	
		142	5710	22.55	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.55	24.00		22.50		19.00		16.00	
	802.11ax-HE80 MCS0	106	5530	20.23	22.00		18.00		17.00		14.00		11.00		22.00		21.00		18.00		15.00	20.23	22.00		22.00		19.00		16.00	100
		122	5610	22.47	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.47	24.00		22.50		19.00		16.00	
		138	5690	22.51	24.00		18.00		17.00		14.00		11.00		23.00		21.00		18.00		15.00	22.51	24.00		22.50		19.00		16.00	
	802.11ax-HE160 MCS0	114	5570	19.72	21.50		18.00		17.00		14.00		11.00		21.50		21.00		18.00		15.00	19.72	21.50		21.50		19.00		16.00	100

Ant 5+4 Full Power						Head non DBS		Head DBS		Head non DBS		Head DBS		Body-worn Standalone		Body-worn DBS only		Body-worn non DBS		Body-worn DBS		Hotspot non DBS		Hotspot DBS		Extremity Standalone		Extremity DBS only		Extremity non DBS		Extremity DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	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	22.52	23.50	Not Required	17.50	Not Required	16.50	Not Required	13.50	Not Required	10.50	Not Required	22.00	Not Required	20.50	Not Required	17.50	Not Required	14.50	Not Required	16.50	Not Required	14.50	22.52	23.50	Not Required	21.50	Not Required	19.00	Not Required	16.00	98.97
		157	5785	22.24	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.24	23.50		21.50		19.00		16.00	
		165	5825	22.31	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.31	23.50		21.50		19.00		16.00	
	802.11n-HT20 MCS0	149	5745	22.31	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.31	23.50		21.50		19.00		16.00	100
		157	5785	22.02	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.02	23.50		21.50		19.00		16.00	
		165	5825	22.13	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.13	23.50		21.50		19.00		16.00	
	802.11n-HT40 MCS0	151	5755	22.22	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.22	23.50		21.50		19.00		16.00	100
		159	5795	22.14	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.14	23.50		21.50		19.00		16.00	
	802.11ac-VHT20 MCS0	149	5745	22.32	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.32	23.50		21.50		19.00		16.00	100
		157	5785	22.06	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.06	23.50		21.50		19.00		16.00	
		165	5825	22.18	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.18	23.50		21.50		19.00		16.00	
	802.11ac-VHT40 MCS0	151	5755	22.28	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.28	23.50		21.50		19.00		16.00	100
		159	5795	22.17	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.17	23.50		21.50		19.00		16.00	
	802.11ac-VHT80 MCS0	155	5775	22.21	23.50	16.25	17.50	15.27	16.50	12.16	13.50	9.24	10.50	20.52	22.00	19.22	20.50	16.25	17.50	13.10	14.50	15.25	16.50	13.10	14.50	22.21	23.50	20.26	21.50	17.54	19.00	14.60	16.00	100
	802.11ax-HE20 MCS0	149	5745	22.41	23.50	Not Required	17.50	Not Required	16.50	Not Required	13.50	Not Required	10.50	Not Required	22.00	Not Required	20.50	Not Required	17.50	Not Required	14.50	Not Required	16.50	Not Required	14.50	22.41	23.50	Not Required	21.50	Not Required	19.00	Not Required	16.00	100
		157	5785	22.09	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.09	23.50		21.50		19.00		16.00	
		165	5825	22.22	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.22	23.50		21.50		19.00		16.00	
	802.11ax-HE40 MCS0	151	5755	22.30	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.30	23.50		21.50		19.00		16.00	100
		159	5795	22.22	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.22	23.50		21.50		19.00		16.00	
	802.11ax-HE80 MCS0	155	5775	22.24	23.50		17.50		16.50		13.50		10.50		22.00		20.50		17.50		14.50		16.50		14.50	22.24	23.50		21.50		19.00		16.00	100

BR / EDR Ant 4

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit (MHz)
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	16.58	16.00	16.39	17.50
	CH 39	2441	17.51	17.41	17.38	18.50
	CH 78	2480	16.13	16.14	16.03	17.50

BR / EDR Ant 6

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit (MHz)
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	16.48	16.41	16.36	17.50
	CH 39	2441	16.24	16.20	16.15	17.50
	CH 78	2480	14.52	14.12	14.37	15.50

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit (MHz)
LE	CH 00	2402	7.71	8.50
	CH 19	2440	8.15	8.50
	CH 39	2480	6.56	8.00

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit (MHz)
LE	CH 00	2402	8.15	8.50
	CH 19	2440	7.00	8.50
	CH 39	2480	5.86	7.50

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit (MHz)
LE	CH 00	2402	7.61	8.50
	CH 19	2440	8.28	8.50
	CH 39	2480	6.70	8.00

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit (MHz)
LE	CH 00	2402	8.05	8.50
	CH 19	2440	6.98	8.50
	CH 39	2480	5.90	7.50

BR / EDR Ant 4 For Head Simultaneous

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit (MHz)
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	7.13	7.01	6.91	8.50
	CH 39	2441	7.91	7.84	7.78	8.50
	CH 78	2480	6.56	6.40	6.32	7.50

BR / EDR Ant 6 For Head Simultaneous

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit (MHz)
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	7.43	7.34	7.20	8.50
	CH 39	2441	6.70	6.61	6.61	7.50
	CH 78	2480	5.09	4.98	4.89	6.50