

							(dBm)	
90	QPSK	1	1	21.32	21.37	21.26	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.34	21.36	21.24	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.29	21.29	21.25	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.36	21.30	21.18	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.34	21.37	21.18	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.31	21.37	21.20	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.35	21.27	21.21	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.30	21.31	21.27	23.0	0.0

Part27Q n78 PC2 Ant 2 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.65		23.8	0
100	PI/2 BPSK	1	137		22.53			
100	PI/2 BPSK	1	271		22.65			
100	PI/2 BPSK	135	0		22.64		23.8	0
100	PI/2 BPSK	135	69		22.54		23.8	0
100	PI/2 BPSK	135	138		22.67		23.8	0
100	PI/2 BPSK	270	0		22.62			
100	QPSK	1	1		22.70		23.8	0
100	QPSK	1	137		22.59			
100	QPSK	1	271		22.68			
100	QPSK	135	0		21.68		23.5	0.3
100	QPSK	135	69		22.65		23.8	0
100	QPSK	135	138		21.67		23.5	0.3
100	QPSK	270	0		21.69			
100	16QAM	1	1		22.59		23.5	0.3
100	64QAM	1	1		21.16		22.0	1.8
100	256QAM	1	1		19.31		20.0	3.8
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.38	22.54	22.34	23.8	0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		

80	QPSK	1	1	22.42	22.53	22.36	23.8	0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.42	22.54	22.35	23.8	0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.34	22.63	22.35	23.8	0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.39	22.60	22.29	23.8	0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.35	22.61	22.34	23.8	0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.41	22.62	22.30	23.8	0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.36	22.57	22.30	23.8	0

n38 Ant 3 DSI0								
BW [MHz]	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	21.1	0.0
40	PI/2 BPSK	1	1	19.54	19.71	19.63		
40	PI/2 BPSK	1	53	19.31	19.55	19.36		
40	PI/2 BPSK	1	104	19.19	19.41	19.27	21.1	0.0
40	PI/2 BPSK	50	0	19.27	19.45	19.17		
40	PI/2 BPSK	50	28	19.49	19.70	19.44		
40	PI/2 BPSK	50	56	19.22	19.27	19.25	21.1	0.0
40	PI/2 BPSK	100	0	19.32	19.47	19.18		
40	QPSK	1	1	19.63	19.74	19.56		
40	QPSK	1	53	19.50	19.63	19.42	21.1	0.0
40	QPSK	1	104	19.52	19.64	19.51		
40	QPSK	50	0	19.14	19.37	19.11		
40	QPSK	50	28	19.48	19.56	19.25	21.1	0.0
40	QPSK	50	56	19.36	19.40	19.22		
40	QPSK	100	0	19.48	19.58	19.53		
40	16QAM	1	1	19.72	19.68	19.71	21.1	0.0
40	64QAM	1	1	19.60	19.47	19.60	21.1	0.0
40	256QAM	1	1	17.69	17.84	17.61	19.5	1.6
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.56	19.68	19.50	21.1	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.49	19.66	19.49	21.1	0.0

n41 Ant 3 DSI0

BW [MHz]	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	21.1	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.63	19.81	19.68		
100	PI/2 BPSK	1	137	19.46	19.63	19.47	21.1	0.0
100	PI/2 BPSK	1	271	19.32	19.51	19.35		
100	PI/2 BPSK	135	0	19.37	19.55	19.31		
100	PI/2 BPSK	135	69	19.62	19.82	19.58	21.1	0.0
100	PI/2 BPSK	135	138	19.18	19.35	19.17	21.1	0.0
100	PI/2 BPSK	270	0	19.38	19.56	19.32		
100	QPSK	1	1	19.70	19.85	19.69		
100	QPSK	1	137	19.56	19.75	19.54	21.1	0.0
100	QPSK	1	271	19.59	19.78	19.60		
100	QPSK	135	0	19.21	19.15	19.25		
100	QPSK	135	69	19.62	19.68	19.39	21.1	0.0
100	QPSK	135	138	19.51	19.49	19.27	21.1	0.0
100	QPSK	270	0	19.61	19.65	19.62		
100	16QAM	1	1	19.83	19.83	19.82		
100	64QAM	1	1	19.69	19.59	19.69	21.1	0.0
100	256QAM	1	1	17.81	17.98	17.73	19.5	1.6
Channel				508200	518598	528996	21.1	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.49	19.66	19.53		
Channel				507204	518598	529998	21.1	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.45	19.68	19.48		
Channel				506202	518598	531000	21.1	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.46	19.64	19.50		
Channel				505200	518598	531996	21.1	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.55	19.72	19.46		
Channel				504204	518598	532998	21.1	0.0
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.54	19.73	19.51		
Channel				503202	518598	534000	21.1	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.45	19.64	19.45		
Channel				502200	518598	534996	21.1	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.53	19.73	19.49		
Channel				501204	518598	535998	21.1	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.53	19.73	19.49		

Part270 n77 PC2 Ant 3 DSI0

BW [MHz]	Modulation	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	20.6	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.08	19.22	19.02		
100	PI/2 BPSK	1	137	18.78	19.08	18.94	20.6	0.0
100	PI/2 BPSK	1	271	19.20	19.16	19.15		
100	PI/2 BPSK	135	0	19.04	19.26	19.05		
100	PI/2 BPSK	135	69	18.79	19.10	18.90	20.6	0.0
100	PI/2 BPSK	135	138	19.23	19.16	19.11		
100	PI/2 BPSK	270	0	19.07	19.20	19.10		
100	QPSK	1	1	18.85	19.38	18.91	20.6	0.0
100	QPSK	1	137	19.27	19.14	19.13		
100	QPSK	1	271	19.09	19.16	19.08		
100	QPSK	135	0	18.85	19.03	18.88	20.6	0.0
100	QPSK	135	69	19.20	19.27	19.08		
100	QPSK	135	138	19.09	19.24	19.06		
100	QPSK	270	0	19.02	19.24	19.04	20.6	0.0
100	16QAM	1	1	19.00	19.20	19.02		
100	64QAM	1	1	18.79	19.01	18.92		
100	256QAM	1	1	19.21	19.13	19.07	20.0	0.6
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.83	19.03	18.89	20.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.83	19.10	18.94	20.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.79	19.05	18.93	20.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.79	19.08	18.86	20.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.86	19.11	18.87	20.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.81	19.10	18.94	20.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.81	19.03	18.88	20.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.82	19.08	18.86	20.6	0.0

Part27Q n77 PC2 Ant 3 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			

Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.25		20.6	0.0
100	PI/2 BPSK	1	137		19.06			
100	PI/2 BPSK	1	271		19.12			
100	PI/2 BPSK	135	0		19.24		20.6	0.0
100	PI/2 BPSK	135	69		19.09		20.6	0.0
100	PI/2 BPSK	135	138		19.17		20.6	0.0
100	PI/2 BPSK	270	0		19.24			
100	QPSK	1	1		19.27		20.6	0.0
100	QPSK	1	137		19.21			
100	QPSK	1	271		19.17			
100	QPSK	135	0		19.11		20.6	0.0
100	QPSK	135	69		19.21		20.6	0.0
100	QPSK	135	138		19.19		20.6	0.0
100	QPSK	270	0		19.24			
100	16QAM	1	1		19.05		20.6	0.0
100	64QAM	1	1		19.13		20.6	0.0
100	256QAM	1	1		18.95		20.0	0.6
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.80	19.05	18.95	20.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.84	19.09	18.87	20.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.82	19.02	18.93	20.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.82	19.10	18.88	20.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.82	19.04	18.92	20.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.87	19.08	18.87	20.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.81	19.09	18.87	20.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.85	19.07	18.93	20.6	0.0

Part270 n78 PC2 Ant 3 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.17		20.6	0.0
100	PI/2 BPSK	1	137		19.08			
100	PI/2 BPSK	1	271		19.20			
100	PI/2 BPSK	135	0		19.21		20.6	0.0

100	PI/2 BPSK	135	69		19.01		20.6	0.0
100	PI/2 BPSK	135	138		19.18		20.6	0.0
100	PI/2 BPSK	270	0		19.20			
100	QPSK	1	1		19.27		20.6	0.0
100	QPSK	1	137		19.20			
100	QPSK	1	271		19.20			
100	QPSK	135	0		19.03		20.6	0.0
100	QPSK	135	69		19.25		20.6	0.0
100	QPSK	135	138		19.23		20.6	0.0
100	QPSK	270	0		19.18			
100	16QAM	1	1		19.04		20.6	0.0
100	64QAM	1	1		19.16		20.6	0.0
100	256QAM	1	1		19.19		20.0	0.6
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.85	19.02	18.91	20.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.83	19.07	18.92	20.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.77	19.10	18.89	20.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.80	19.02	18.91	20.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.79	19.08	18.85	20.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.80	19.04	18.92	20.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.77	19.04	18.95	20.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.82	19.05	18.86	20.6	0.0

Part27Q n78 PC2 Ant 3 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.17		20.6	0.0
100	PI/2 BPSK	1	137		19.10			
100	PI/2 BPSK	1	271		19.13			
100	PI/2 BPSK	135	0		19.19		20.6	0.0
100	PI/2 BPSK	135	69		19.03		20.6	0.0
100	PI/2 BPSK	135	138		19.19		20.6	0.0
100	PI/2 BPSK	270	0		19.25			
100	QPSK	1	1		19.26		20.6	0.0
100	QPSK	1	137		19.14			

100	QPSK	1	271		19.25			
100	QPSK	135	0		19.03		20.6	0.0
100	QPSK	135	69		19.21		20.6	0.0
100	QPSK	135	138		19.18		20.6	0.0
100	QPSK	270	0		19.17			
100	16QAM	1	1		19.02		20.6	0.0
100	64QAM	1	1		19.14		20.6	0.0
100	256QAM	1	1		18.44		20.0	0.6
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.86	19.03	18.86	20.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.81	19.03	18.89	20.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.81	19.06	18.86	20.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.87	19.01	18.91	20.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.78	19.07	18.93	20.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.85	19.06	18.86	20.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.83	19.04	18.91	20.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.80	19.04	18.88	20.6	0.0

n41 Ant 0 DSI0								
BW [MHz]	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	24.0	0.0
100	PI/2 BPSK	1	1	22.37	22.51	22.42		
100	PI/2 BPSK	1	137	22.20	22.37	22.21		
100	PI/2 BPSK	1	271	22.06	22.25	22.09	23.5	0.5
100	PI/2 BPSK	135	0	22.11	22.29	22.05		
100	PI/2 BPSK	135	69	22.36	22.56	22.32		
100	PI/2 BPSK	135	138	21.92	22.09	21.91	23.5	0.5
100	PI/2 BPSK	270	0	22.12	22.30	22.06		
100	QPSK	1	1	22.44	22.59	22.43		
100	QPSK	1	137	22.30	22.49	22.28	24.0	0.0
100	QPSK	1	271	22.33	22.52	22.34		
100	QPSK	135	0	21.74	21.89	21.67		
100	QPSK	135	69	22.36	22.42	22.13	24.0	0.0
100	QPSK	135	138	21.25	21.23	21.01	23.0	1.0
100	QPSK	270	0	21.43	21.59	21.41		

100	16QAM	1	1	21.57	21.77	21.56	23.0	1.0
100	64QAM	1	1	19.69	19.89	19.69	21.5	2.5
100	256QAM	1	1	17.81	17.98	17.73	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.31	22.55	22.30	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.33	22.57	22.37	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	22.34	22.57	22.30	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	22.36	22.55	22.30	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	22.30	22.57	22.29	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	22.33	22.56	22.33	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	22.33	22.50	22.33	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	22.35	22.53	22.29	24.0	0.0

n41 Ant 5 DSI0								
BW [MHz]	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	21.3	0.0
100	PI/2 BPSK	1	1	20.29	20.51	20.34		
100	PI/2 BPSK	1	137	20.12	20.29	20.13		
100	PI/2 BPSK	1	271	20.11	20.17	20.01	20.8	0.5
100	PI/2 BPSK	135	0	20.03	20.21	19.97		
100	PI/2 BPSK	135	69	20.28	20.48	20.24		
100	PI/2 BPSK	135	138	19.84	20.01	19.83	21.3	0.0
100	PI/2 BPSK	270	0	20.04	20.22	19.98		
100	QPSK	1	1	20.36	20.55	20.35		
100	QPSK	1	137	20.22	20.41	20.20	21.0	0.3
100	QPSK	1	271	20.25	20.44	20.26		
100	QPSK	135	0	19.66	19.81	19.59		
100	QPSK	135	69	20.28	20.34	20.05	21.0	0.3
100	QPSK	135	138	19.85	19.83	19.61		
100	QPSK	270	0	19.43	19.59	19.41		
100	16QAM	1	1	20.17	20.37	20.16	21.0	0.3
100	64QAM	1	1	18.99	19.19	18.99	19.5	1.8
100	256QAM	1	1	17.11	17.28	17.03	17.5	3.8
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		

90	QPSK	1	1	20.23	20.47	20.22	21.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.25	20.49	20.29	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	20.26	20.49	20.22	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	20.28	20.47	20.22	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	20.22	20.49	20.21	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	20.25	20.48	20.25	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	20.25	20.42	20.25	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	20.27	20.45	20.21	21.3	0.0

Part270 n77 Ant4 DSI0

BW [MHz]	Modulation	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	24.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.14	23.31	23.22	24.0	0.0
100	PI/2 BPSK	1	137	23.14	23.20	23.12		
100	PI/2 BPSK	1	271	23.13	23.20	23.03		
100	PI/2 BPSK	135	0	22.58	22.65	22.55	23.5	0.5
100	PI/2 BPSK	135	69	23.13	23.29	23.09	24.0	0.0
100	PI/2 BPSK	135	138	22.54	22.57	22.44	23.5	0.5
100	PI/2 BPSK	270	0	22.55	22.67	22.51		
100	QPSK	1	1	23.23	23.33	23.16	24.0	0.0
100	QPSK	1	137	23.11	23.32	23.19		
100	QPSK	1	271	23.25	23.30	23.17		
100	QPSK	135	0	22.18	22.43	22.31	23.0	1.0
100	QPSK	135	69	23.02	23.09	22.96	24.0	0.0
100	QPSK	135	138	21.60	21.72	21.60	23.0	1.0
100	QPSK	270	0	22.58	22.60	22.53		
100	16QAM	1	1	23.08	23.26	23.10	24.0	0.0
100	64QAM	1	1	23.00	23.13	23.02	24.0	0.0
100	256QAM	1	1	21.19	21.43	21.26	22.0	2.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.21	23.32	23.11	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	23.18	23.28	23.13	24.0	0.0
Channel				649000	656000	663000	Tune-up	MPR

Frequency (MHz)				3735	3840	3945	limit (dBm)	(dB)
70	QPSK	1	1	23.25	23.30	23.19	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	23.21	23.32	23.18	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	23.28	23.32	23.19	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.20	23.31	23.09	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	23.31	23.18	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	23.16	23.32	23.21	24.0	0.0

Part270 n77 PC2 Ant4 DSI0

BW [MHz]	Modulation	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	24.9	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.47	23.60	23.49	24.9	0.0
100	PI/2 BPSK	1	137	23.47	23.48	23.34		
100	PI/2 BPSK	1	271	23.41	23.42	23.30	24.0	0.0
100	PI/2 BPSK	135	0	22.85	22.88	22.81		
100	PI/2 BPSK	135	69	23.36	23.58	23.32	24.9	0.0
100	PI/2 BPSK	135	138	22.87	22.85	22.73		
100	PI/2 BPSK	270	0	22.82	22.94	22.73	24.0	0.0
100	QPSK	1	1	23.56	23.66	23.40		
100	QPSK	1	137	23.41	23.64	23.48	24.9	0.0
100	QPSK	1	271	23.51	23.53	23.40		
100	QPSK	135	0	22.42	22.64	22.62	24.0	0.0
100	QPSK	135	69	23.28	23.32	23.21		
100	QPSK	135	138	22.11	22.19	22.14	24.0	0.0
100	QPSK	270	0	22.86	22.87	22.75		
100	16QAM	1	1	23.35	23.51	23.43	24.9	0.0
100	64QAM	1	1	22.15	22.20	22.13	24.0	0.9
100	256QAM	1	1	21.19	21.43	21.26	22.5	2.4
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.23	23.24	23.08	24.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.21	23.26	22.98	24.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.18	23.26	23.00	24.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		

60	QPSK	1	1	23.22	23.34	23.00	24.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.22	23.32	23.00	24.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.17	23.30	23.00	24.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.23	23.26	23.07	24.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.23	23.25	23.08	24.9	0.0

Part27Q n77 Ant4 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.02		24.0	0.0
100	PI/2 BPSK	1	137		22.98			
100	PI/2 BPSK	1	271		23.05			
100	PI/2 BPSK	135	0		22.92		24.0	0.0
100	PI/2 BPSK	135	69		22.98		24.0	0.0
100	PI/2 BPSK	135	138		22.96		24.0	0.0
100	PI/2 BPSK	270	0		22.99			
100	QPSK	1	1		23.09		24.0	0.0
100	QPSK	1	137		23.00			
100	QPSK	1	271		23.05			
100	QPSK	135	0		22.84		24.0	0.0
100	QPSK	135	69		22.91		24.0	0.0
100	QPSK	135	138		22.87		24.0	0.0
100	QPSK	270	0		22.87			
100	16QAM	1	1		22.88		24.0	0.0
100	64QAM	1	1		22.83		24.0	0.0
100	256QAM	1	1		21.05		22.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.95	23.00	22.93	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.88	22.97	22.96	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.92	22.98	22.90	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.89	23.04	22.88	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.89	23.03	22.90	24.0	0.0
Channel				631334	633334	635334	Tune-up	MPR

Frequency (MHz)				3470.01	3500.01	3530.01	limit (dBm)	(dB)
40	QPSK	1	1	22.84	23.04	22.96	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.89	22.96	22.96	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.89	23.02	22.90	24.0	0.0

Part27Q n77 PC2 Ant4 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		24.9	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.48		24.9	0.0
100	PI/2 BPSK	1	137		23.46			
100	PI/2 BPSK	1	271		23.45			
100	PI/2 BPSK	135	0		22.92		24.9	0.0
100	PI/2 BPSK	135	69		23.43		24.9	0.0
100	PI/2 BPSK	135	138		22.76		24.0	0.0
100	PI/2 BPSK	270	0		22.75			
100	QPSK	1	1		23.53		24.9	0.0
100	QPSK	1	137		23.51			
100	QPSK	1	271		23.43			
100	QPSK	135	0		22.54		24.0	0.0
100	QPSK	135	69		23.48		24.9	0.0
100	QPSK	135	138		22.40		24.0	0.0
100	QPSK	270	0		22.45			
100	16QAM	1	1		22.44		24.0	0.0
100	64QAM	1	1		23.14		24.5	0.4
100	256QAM	1	1		21.02		22.5	2.4
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.39	23.41	23.31	24.9	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.34	23.41	23.37	24.9	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.38	23.41	23.41	24.9	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.41	23.40	23.37	24.9	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.32	23.49	23.35	24.9	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.33	23.40	23.43	24.9	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		

30	QPSK	1	1	23.38	23.45	23.42	24.9	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.42	23.48	23.31	24.9	0.0

Part270 n78 Ant4 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000		24.0	0.0
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.20		24.0	0.0
100	PI/2 BPSK	1	137		23.22			
100	PI/2 BPSK	1	271		23.27			
100	PI/2 BPSK	135	0		23.07		24.0	0.0
100	PI/2 BPSK	135	69		23.18		24.0	0.0
100	PI/2 BPSK	135	138		23.15		24.0	0.0
100	PI/2 BPSK	270	0		23.17			
100	QPSK	1	1		23.28		24.0	0.0
100	QPSK	1	137		23.15			
100	QPSK	1	271		23.21			
100	QPSK	135	0		23.05		24.0	0.0
100	QPSK	135	69		23.16		24.0	0.0
100	QPSK	135	138		23.13		24.0	0.0
100	QPSK	270	0		23.01			
100	16QAM	1	1		23.12		24.0	0.0
100	64QAM	1	1		23.02		24.0	0.0
100	256QAM	1	1		21.21		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	23.15	23.19	23.16	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	23.14	23.18	23.04	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.04	23.18	23.14	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	23.13	23.18	23.07	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	23.12	23.15	23.15	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.15	23.08	23.07	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	23.13	23.13	23.15	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	23.11	23.13	23.10	24.0	0.0

Part27O n78 PC2 Ant4 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000		24.9	0.0
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.37			
100	PI/2 BPSK	1	137		23.27		24.9	0.0
100	PI/2 BPSK	1	271		23.25			
100	PI/2 BPSK	135	0		23.26			
100	PI/2 BPSK	135	69		23.27		24.9	0.0
100	PI/2 BPSK	135	138		23.29			
100	PI/2 BPSK	270	0		23.17			
100	QPSK	1	1		23.39		24.9	0.0
100	QPSK	1	137		23.31			
100	QPSK	1	271		23.21			
100	QPSK	135	0		23.35		24.9	0.0
100	QPSK	135	69		23.26		24.9	0.0
100	QPSK	135	138		23.20		24.9	0.0
100	QPSK	270	0		23.30			
100	16QAM	1	1		23.23			
100	64QAM	1	1		23.69		24.5	0.4
100	256QAM	1	1		21.50		22.5	2.4
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.21	23.30	23.18	24.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.14	23.20	23.16	24.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.12	23.24	23.06	24.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.15	23.29	23.15	24.9	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	23.23	23.07	24.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.19	23.25	23.08	24.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.10	23.29	23.16	24.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.21	23.23	23.13	24.9	0.0

Part27Q n78 Ant4 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
----------	------------	---------	-----------	-----------------------	--------------------------	------------------------	---------------------	----------

Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.55		24.0	0.0
100	PI/2 BPSK	1	137		22.53			
100	PI/2 BPSK	1	271		22.62			
100	PI/2 BPSK	135	0		22.39		24.0	0.0
100	PI/2 BPSK	135	69		22.48		24.0	0.0
100	PI/2 BPSK	135	138		22.53		24.0	0.0
100	PI/2 BPSK	270	0		22.46			
100	QPSK	1	1		22.82		24.0	0.0
100	QPSK	1	137		22.57			
100	QPSK	1	271		22.61			
100	QPSK	135	0		22.31		24.0	0.0
100	QPSK	135	69		22.41		24.0	0.0
100	QPSK	135	138		22.21		24.0	0.0
100	QPSK	270	0		22.25			
100	16QAM	1	1		22.38		24.0	0.0
100	64QAM	1	1		22.38		24.0	0.0
100	256QAM	1	1		20.60		22.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.67	22.73	22.71	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.65	22.68	22.66	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.65	22.63	22.70	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.61	22.73	22.59	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.56	22.62	22.61	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.62	22.63	22.70	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.63	22.72	22.60	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.65	22.72	22.70	24.0	0.0

Part27Q n78 PC2 Ant4 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.28		24.9	0.0
100	PI/2 BPSK	1	137		23.30			
100	PI/2 BPSK	1	271		23.24			

100	PI/2 BPSK	135	0		23.32		24.9	0.0
100	PI/2 BPSK	135	69		23.21		24.9	0.0
100	PI/2 BPSK	135	138		23.27		24.9	0.0
100	PI/2 BPSK	270	0		23.25			
100	QPSK	1	1		23.44		24.9	0.0
100	QPSK	1	137		23.24			
100	QPSK	1	271		23.19			
100	QPSK	135	0		23.32		24.9	0.0
100	QPSK	135	69		23.28		24.9	0.0
100	QPSK	135	138		23.30		24.9	0.0
100	QPSK	270	0		23.24			
100	16QAM	1	1		23.27		24.9	0.0
100	64QAM	1	1		22.55		24.5	0.4
100	256QAM	1	1		20.95		22.5	2.4
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.35	23.43	23.31	24.9	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.24	23.29	23.25	24.9	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.22	23.38	23.22	24.9	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.27	23.38	23.17	24.9	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.24	23.33	23.20	24.9	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.19	23.27	23.17	24.9	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.24	23.29	23.20	24.9	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.26	23.34	23.26	24.9	0.0

n41 Ant6 DSI0								
BW [MHz]	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	20.50	20.72	20.55	21.8	0.0
100	PI/2 BPSK	1	137	20.33	20.50	20.34		
100	PI/2 BPSK	1	271	20.19	20.38	20.22		
100	PI/2 BPSK	135	0	20.24	20.42	20.18	21.8	0.0
100	PI/2 BPSK	135	69	20.49	20.69	20.45	21.8	0.0
100	PI/2 BPSK	135	138	20.05	20.22	20.04	21.8	0.0
100	PI/2 BPSK	270	0	20.25	20.43	20.19		
100	QPSK	1	1	20.67	20.81	20.66	21.8	0.0

100	QPSK	1	137	20.43	20.62	20.41		
100	QPSK	1	271	20.46	20.65	20.47		
100	QPSK	135	0	19.87	20.02	19.80	21.8	0.0
100	QPSK	135	69	20.49	20.65	20.26	21.8	0.0
100	QPSK	135	138	19.85	19.83	19.61	21.8	0.0
100	QPSK	270	0	19.43	19.59	19.41		
100	16QAM	1	1	20.17	20.37	20.16	21.8	0.0
100	64QAM	1	1	18.99	19.19	18.99	21.8	0.0
100	256QAM	1	1	17.11	17.28	17.03	21.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.38	20.66	20.30	21.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.35	20.64	20.43	21.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.40	20.66	20.29	21.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.33	20.66	20.38	21.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.42	20.71	20.44	21.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.29	20.59	20.43	21.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.45	20.63	20.41	21.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.32	20.55	20.36	21.8	0.0

Part270 n77 Ant6 DSI0

BW [MHz]	Modulation	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	20.5	0.0
100	PI/2 BPSK	1	1	19.14	19.31	19.22		
100	PI/2 BPSK	1	137	19.14	19.20	19.12		
100	PI/2 BPSK	1	271	19.13	19.20	19.03	20.5	0.0
100	PI/2 BPSK	135	0	18.58	18.65	18.55		
100	PI/2 BPSK	135	69	19.13	19.29	19.09		
100	PI/2 BPSK	135	138	18.84	18.87	19.14	20.5	0.0
100	PI/2 BPSK	270	0	18.55	18.67	18.51		
100	QPSK	1	1	19.23	19.51	19.16		
100	QPSK	1	137	19.11	19.32	19.19	20.5	0.0
100	QPSK	1	271	19.25	19.30	19.17		
100	QPSK	135	0	19.23	19.33	19.16		
100	QPSK	135	69	19.11	19.32	19.19	20.5	0.0
100	QPSK	135	138	19.25	19.30	19.17	20.5	0.0

100	QPSK	270	0	19.14	19.31	19.22		
100	16QAM	1	1	19.14	19.20	19.12	20.5	0.0
100	64QAM	1	1	19.13	19.20	19.03	20.5	0.0
100	256QAM	1	1	19.13	19.29	19.09	20.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.31	19.34	19.29	20.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.27	19.28	19.27	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.26	19.31	19.26	20.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.20	19.32	19.27	20.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.28	19.26	19.30	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.34	19.23	19.32	20.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.19	19.26	19.29	20.5	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	19.34	19.32	20.5	0.0

Part27Q n77 Ant6 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		20.5	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.36		20.5	0.0
100	PI/2 BPSK	1	137		19.21			
100	PI/2 BPSK	1	271		19.27			
100	PI/2 BPSK	135	0		18.67		20.5	0.0
100	PI/2 BPSK	135	69		19.38		20.5	0.0
100	PI/2 BPSK	135	138		18.90		20.5	0.0
100	PI/2 BPSK	270	0		18.67			
100	QPSK	1	1		19.54		20.5	0.0
100	QPSK	1	137		19.43			
100	QPSK	1	271		19.37			
100	QPSK	135	0		19.29		20.5	0.0
100	QPSK	135	69		19.39		20.5	0.0
100	QPSK	135	138		19.37		20.5	0.0
100	QPSK	270	0		19.37			
100	16QAM	1	1		19.25		20.5	0.0
100	64QAM	1	1		19.20		20.5	0.0
100	256QAM	1	1		19.42		20.5	0.0
Channel				633000	633334	633668	Tune-up	MPR

Frequency (MHz)				3495	3500.01	3505.02	limit (dBm)	(dB)
90	QPSK	1	1	19.16	19.42	19.10	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.16	19.38	19.01	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.15	19.46	19.11	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.16	19.40	19.06	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.18	19.43	19.04	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.15	19.37	19.02	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.13	19.42	19.11	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.11	19.37	19.07	20.5	0.0

Part270 n78 Ant6 DSI0

BW [MHz]	Modulation	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	20.5	0.0
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.13			
100	PI/2 BPSK	1	137		19.05		20.5	0.0
100	PI/2 BPSK	1	271		19.10			
100	PI/2 BPSK	135	0		18.51			
100	PI/2 BPSK	135	69		19.21		20.5	0.0
100	PI/2 BPSK	135	138		18.74		20.5	0.0
100	PI/2 BPSK	270	0		18.76			
100	QPSK	1	1		19.47			
100	QPSK	1	137		19.19		20.5	0.0
100	QPSK	1	271		19.16			
100	QPSK	135	0		19.05			
100	QPSK	135	69		19.19		20.5	0.0
100	QPSK	135	138		19.14		20.5	0.0
100	QPSK	270	0		19.20			
100	16QAM	1	1		19.04			
100	64QAM	1	1		18.99		20.5	0.0
100	256QAM	1	1		19.25		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.13	19.44	19.03	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		

80	QPSK	1	1	19.12	19.38	19.01	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.17	19.39	19.10	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.18	19.42	19.10	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.12	19.45	19.02	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.16	19.37	19.10	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.12	19.40	19.04	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.12	19.41	19.08	20.5	0.0

Part27Q n78 Ant6 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		20.5	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.12		20.5	0.0
100	PI/2 BPSK	1	137		19.06			
100	PI/2 BPSK	1	271		19.13			
100	PI/2 BPSK	135	0		18.52		20.5	0.0
100	PI/2 BPSK	135	69		19.22		20.5	0.0
100	PI/2 BPSK	135	138		18.70		20.5	0.0
100	PI/2 BPSK	270	0		18.94			
100	QPSK	1	1		19.37		20.5	0.0
100	QPSK	1	137		19.20			
100	QPSK	1	271		19.15			
100	QPSK	135	0		19.11		20.5	0.0
100	QPSK	135	69		19.24		20.5	0.0
100	QPSK	135	138		19.16		20.5	0.0
100	QPSK	270	0		19.21			
100	16QAM	1	1		19.05		20.5	0.0
100	64QAM	1	1		19.04		20.5	0.0
100	256QAM	1	1		19.26		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.04	19.32	18.95	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.04	19.28	19.04	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.03	19.34	19.00	20.5	0.0
Channel				632000	633334	634668	Tune-up	MPR

Frequency (MHz)				3480	3500.01	3520.02	limit (dBm)	(dB)
60	QPSK	1	1	19.10	19.35	19.00	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.05	19.28	19.01	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.10	19.27	19.00	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.09	19.33	18.95	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.04	19.29	18.96	20.5	0.0

n5 Ant1 DSI0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	23.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.84	22.04	21.95		
20	PI/2 BPSK	1	53	21.76	21.86	21.62	22.5	0.5
20	PI/2 BPSK	1	104	21.59	21.74	21.71		
20	PI/2 BPSK	50	0	21.22	21.31	21.23		
20	PI/2 BPSK	50	28	21.65	21.72	21.67	22.5	0.5
20	PI/2 BPSK	50	56	21.05	21.23	20.95		
20	PI/2 BPSK	100	0	21.29	21.42	21.15		
20	QPSK	1	1	21.99	22.09	21.88	23.0	0.0
20	QPSK	1	53	21.79	21.89	21.80		
20	QPSK	1	104	21.47	21.77	21.62		
20	QPSK	50	0	20.73	20.82	20.70	22.0	1.0
20	QPSK	50	28	21.63	21.98	21.65		
20	QPSK	50	56	20.47	20.67	20.59		
20	QPSK	100	0	20.64	20.91	20.65	22.0	1.0
20	16QAM	1	1	20.74	20.76	20.57		
20	64QAM	1	1	19.07	19.47	19.09		
20	256QAM	1	1	17.15	17.51	17.18	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.80	22.00	21.81	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.84	22.02	21.61	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.85	21.92	21.74	23.0	0.0

n26 Ant1 DSI0								
BW [MHz]	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	21.85	21.87	21.74	23.0	0.0
20	PI/2 BPSK	1	53	21.79	21.97	21.94		
20	PI/2 BPSK	1	104	21.74	21.80	21.69		
20	PI/2 BPSK	50	0	21.30	21.49	21.37	22.5	0.5
20	PI/2 BPSK	50	28	21.93	22.04	22.05	23.0	0.0
20	PI/2 BPSK	50	56	21.37	21.41	21.36	22.5	0.5
20	PI/2 BPSK	100	0	21.43	21.48	21.45		
20	QPSK	1	1	21.97	22.11	21.90	23.0	0.0
20	QPSK	1	53	22.03	22.09	21.99		
20	QPSK	1	104	21.90	21.98	21.81		
20	QPSK	50	0	20.96	20.96	20.78	22.0	1.0
20	QPSK	50	28	21.83	22.03	22.01	23.0	0.0
20	QPSK	50	56	20.90	20.98	20.82	22.0	1.0
20	QPSK	100	0	20.95	20.97	20.75		
20	16QAM	1	1	20.82	20.86	20.78	22.0	1.0
20	64QAM	1	1	19.74	19.86	19.88	20.5	2.5
20	256QAM	1	1	17.29	17.34	17.32	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.78	21.93	21.88	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.74	21.89	21.91	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.70	21.97	21.74	23.0	0.0

n71 Ant1 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.86	22.17	22.02	23.0	0.0
20	PI/2 BPSK	1	53	21.84	22.08	21.87		
20	PI/2 BPSK	1	104	21.88	21.95	21.76		
20	PI/2 BPSK	50	0	21.32	21.66	21.30	22.5	0.5
20	PI/2 BPSK	50	28	21.72	22.08	21.85	23.0	0.0
20	PI/2 BPSK	50	56	21.23	21.52	21.17	22.5	0.5
20	PI/2 BPSK	100	0	21.42	21.62	21.38		
20	QPSK	1	1	22.01	22.37	22.00	23.0	0.0
20	QPSK	1	53	21.94	22.04	21.94		
20	QPSK	1	104	21.77	22.11	21.82		
20	QPSK	50	0	20.85	21.09	20.80	22.0	1.0
20	QPSK	50	28	21.85	22.07	21.84	23.0	0.0
20	QPSK	50	56	20.80	20.97	20.63	22.0	1.0
20	QPSK	100	0	20.84	20.92	20.89		
20	16QAM	1	1	20.60	20.92	20.75	22.0	1.0
20	64QAM	1	1	19.36	19.41	19.35	20.5	2.5
20	256QAM	1	1	17.11	17.33	17.31	18.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		

15	QPSK	1	1	21.93	22.05	21.98	23.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	21.95	22.12	21.79	23.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	21.81	22.14	21.96	23.0	0.0

Reduced Power Mode for DSI 1

n5 Ant 0 DSI1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.01	23.21	23.02		
20	PI/2 BPSK	1	53	22.82	23.02	22.85	23.5	0.5
20	PI/2 BPSK	1	104	22.64	22.88	22.71		
20	PI/2 BPSK	50	0	22.27	22.50	22.32		
20	PI/2 BPSK	50	28	22.79	22.96	22.76	24.0	0.0
20	PI/2 BPSK	50	56	22.17	22.33	22.10		
20	PI/2 BPSK	100	0	22.31	22.49	22.26		
20	QPSK	1	1	23.08	23.27	23.06	23.5	0.5
20	QPSK	1	53	22.91	23.12	22.96		
20	QPSK	1	104	22.69	22.93	22.71		
20	QPSK	50	0	21.83	21.99	21.79	24.0	1.0
20	QPSK	50	28	22.76	22.99	22.84		
20	QPSK	50	56	21.71	21.87	21.72		
20	QPSK	100	0	21.69	21.94	21.75	23.0	1.0
20	16QAM	1	1	21.77	21.93	21.71		
20	64QAM	1	1	20.28	20.51	20.31		
20	256QAM	1	1	18.33	18.51	18.32	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.91	23.03	22.82	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.85	23.10	22.85	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	22.90	23.10	22.89	24.0	0.0

n26 Ant 0 DSI1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.63	22.88	22.67		
20	PI/2 BPSK	1	53	22.67	22.82	22.58	23.5	0.5
20	PI/2 BPSK	1	104	22.57	22.78	22.57		
20	PI/2 BPSK	50	0	22.15	22.31	22.14		
20	PI/2 BPSK	50	28	22.56	22.79	22.59	24.0	0.0
20	PI/2 BPSK	50	56	21.98	22.16	21.98		

20	PI/2 BPSK	100	0	22.03	22.24	22.01		
20	QPSK	1	1	22.75	22.95	22.72	24.0	0.0
20	QPSK	1	53	22.67	22.88	22.72		
20	QPSK	1	104	22.62	22.84	22.61		
20	QPSK	50	0	21.65	21.82	21.61	23.0	1.0
20	QPSK	50	28	22.54	22.78	22.57	24.0	0.0
20	QPSK	50	56	21.46	21.68	21.50	23.0	1.0
20	QPSK	100	0	21.62	21.78	21.63		
20	16QAM	1	1	21.44	21.68	21.47	23.0	1.0
20	64QAM	1	1	19.97	20.21	19.97	21.5	2.5
20	256QAM	1	1	18.01	18.21	18.02	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.56	22.75	22.47	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.57	22.76	22.53	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	22.55	22.74	22.50	24.0	0.0

n71 Ant 0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.98	23.15	22.97	24.0	0.0
20	PI/2 BPSK	1	53	22.88	23.06	22.91		
20	PI/2 BPSK	1	104	22.83	22.99	22.79		
20	PI/2 BPSK	50	0	22.45	22.61	22.42	23.5	0.5
20	PI/2 BPSK	50	28	22.79	23.02	22.86	24.0	0.0
20	PI/2 BPSK	50	56	22.29	22.44	22.22	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.57	22.35		
20	QPSK	1	1	23.12	23.34	23.10	24.0	0.0
20	QPSK	1	53	22.95	23.15	22.99		
20	QPSK	1	104	22.84	23.05	22.84		
20	QPSK	50	0	21.91	22.13	21.93	23.0	1.0
20	QPSK	50	28	22.82	23.07	22.83	24.0	0.0
20	QPSK	50	56	21.74	21.94	21.76	23.0	1.0
20	QPSK	100	0	21.79	22.02	21.84		
20	16QAM	1	1	21.72	21.96	21.75	23.0	1.0
20	64QAM	1	1	20.33	20.48	20.33	21.5	2.5
20	256QAM	1	1	18.23	18.46	18.24	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.94	23.16	22.91	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.91	23.18	22.92	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.92	23.09	22.85	24.0	0.0

n2 Ant 2 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	21.8	0.0
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.83	20.98	20.83		
20	PI/2 BPSK	1	53	20.74	20.95	20.70	21.8	0.0
20	PI/2 BPSK	1	104	20.77	20.98	20.77		
20	PI/2 BPSK	50	0	20.87	21.01	20.84		
20	PI/2 BPSK	50	28	20.80	20.92	20.79	21.8	0.0
20	PI/2 BPSK	50	56	20.28	20.45	20.28	21.8	0.0
20	PI/2 BPSK	100	0	20.26	20.43	20.29		
20	QPSK	1	1	20.85	21.08	20.81		
20	QPSK	1	53	20.82	20.97	20.72	21.8	0.0
20	QPSK	1	104	20.85	21.06	20.80		
20	QPSK	50	0	20.23	20.47	20.25		
20	QPSK	50	28	20.79	20.99	20.84	21.8	0.0
20	QPSK	50	56	20.55	20.77	20.59	21.8	0.0
20	QPSK	100	0	20.58	20.78	20.62		
20	16QAM	1	1	20.89	20.91	20.90		
20	64QAM	1	1	19.66	19.97	19.76	21.5	0.3
20	256QAM	1	1	17.68	17.94	17.65	19.5	2.3
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.67	20.87	20.59	21.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.64	20.88	20.59	21.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.62	20.86	20.61	21.8	0.0

n66 Ant 2 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	22.5	0.0
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.32	21.49	21.33		
40	PI/2 BPSK	1	108	21.17	21.42	21.19	22.5	0.0
40	PI/2 BPSK	1	214	21.23	21.48	21.25		
40	PI/2 BPSK	108	0	21.31	21.48	21.30		
40	PI/2 BPSK	108	54	21.27	21.42	21.24	22.5	0.0
40	PI/2 BPSK	108	108	20.76	20.96	20.80	22.5	0.0
40	PI/2 BPSK	216	0	20.71	20.93	20.75		
40	QPSK	1	1	21.34	21.51	21.29		
40	QPSK	1	108	21.29	21.45	21.23	22.5	0.0
40	QPSK	1	214	21.33	21.49	21.31		
40	QPSK	108	0	20.71	20.92	20.73		
40	QPSK	108	54	21.28	21.47	21.28	22.5	0.0
40	QPSK	108	108	21.06	21.28	21.09	22.5	0.0
40	QPSK	216	0	21.02	21.23	21.05		
40	16QAM	1	1	21.33	21.37	21.39		
40	64QAM	1	1	19.88	20.12	19.95	21.5	1.0

40	256QAM	1	1	17.90	18.11	17.88	19.5	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.15	21.35	21.11	22.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.10	21.32	21.09	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	21.14	21.32	21.07	22.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.15	21.33	21.06	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	21.12	21.26	21.05	22.5	0.0

n7 Ant 3 DSI1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.82	19.03	18.81	20.2	0.0
40	PI/2 BPSK	1	108	18.84	19.01	18.82		
40	PI/2 BPSK	1	214	18.81	18.88	18.69		
40	PI/2 BPSK	108	0	18.85	19.07	18.86	20.2	0.0
40	PI/2 BPSK	108	54	18.93	19.04	18.77	20.2	0.0
40	PI/2 BPSK	108	108	18.73	18.95	18.74	20.2	0.0
40	PI/2 BPSK	216	0	18.79	19.01	18.86		
40	QPSK	1	1	18.87	19.23	18.76	20.2	0.0
40	QPSK	1	108	18.80	18.92	18.70		
40	QPSK	1	214	18.84	19.06	18.84		
40	QPSK	108	0	18.84	19.06	18.84	20.2	0.0
40	QPSK	108	54	18.75	19.21	18.72	20.2	0.0
40	QPSK	108	108	18.84	18.99	18.88	20.2	0.0
40	QPSK	216	0	18.90	19.02	18.78		
40	16QAM	1	1	18.77	19.02	18.81	20.2	0.0
40	64QAM	1	1	18.91	19.07	18.81	20.2	0.0
40	256QAM	1	1	18.79	18.89	18.75	20.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.65	19.03	18.54	20.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.71	19.04	18.56	20.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.67	19.05	18.58	20.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.62	19.07	18.51	20.2	0.0

Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.64	19.08	18.60	20.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.71	19.01	18.55	20.2	0.0

Part270 n77 Ant 2 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930	23.0	0.0
100	PI/2 BPSK	1	1	21.26	21.29	21.31		
100	PI/2 BPSK	1	137	21.21	21.33	21.19		
100	PI/2 BPSK	1	271	21.36	21.42	21.25		
100	PI/2 BPSK	135	0	20.72	20.92	20.75	22.0	1.0
100	PI/2 BPSK	135	69	21.22	21.29	21.10	23.0	0.0
100	PI/2 BPSK	135	138	21.29	21.23	21.18	22.0	1.0
100	PI/2 BPSK	270	0	21.46	21.50	21.40		
100	QPSK	1	1	21.42	21.63	21.50	23.0	0.0
100	QPSK	1	137	21.41	21.34	21.39		
100	QPSK	1	271	21.49	21.55	21.43		
100	QPSK	135	0	21.18	21.35	21.20	23.0	0.0
100	QPSK	135	69	21.36	21.43	21.42	23.0	0.0
100	QPSK	135	138	21.19	21.34	21.23	23.0	0.0
100	QPSK	270	0	21.37	21.38	21.37		
100	16QAM	1	1	21.26	21.50	21.37	23.0	0.0
100	64QAM	1	1	21.51	21.48	21.56	23.0	0.0
100	256QAM	1	1	19.85	19.90	19.93	21.0	2.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.34	21.53	21.42	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	21.32	21.49	21.39	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.32	21.55	21.36	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	21.30	21.55	21.41	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	21.30	21.49	21.44	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.30	21.51	21.41	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	21.34	21.54	21.43	23.0	0.0
Channel				647334	656000	664668	Tune-up	MPR

Frequency (MHz)				3710.01	3840	3970.02	limit (dBm)	(dB)
20	QPSK	1	1	21.31	21.55	21.37	23.0	0.0

Part27Q n77 Ant 2 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		23.0	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.18			
100	PI/2 BPSK	1	137		21.23		22.0	1.0
100	PI/2 BPSK	1	271		21.30			
100	PI/2 BPSK	135	0		20.78			
100	PI/2 BPSK	135	69		21.15		23.0	0.0
100	PI/2 BPSK	135	138		21.14			
100	PI/2 BPSK	270	0		21.45			
100	QPSK	1	1		21.55		22.0	1.0
100	QPSK	1	137		21.23			
100	QPSK	1	271		21.46			
100	QPSK	135	0		21.24		23.0	0.0
100	QPSK	135	69		21.36			
100	QPSK	135	138		21.19			
100	QPSK	270	0		21.31		23.0	0.0
100	16QAM	1	1		21.39			
100	64QAM	1	1		21.37			
100	256QAM	1	1		19.77		21.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.23	21.48	21.27	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.19	21.44	21.32	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.17	21.44	21.28	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.27	21.43	21.34	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.20	21.41	21.29	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.18	21.39	21.29	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.23	21.39	21.34	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.24	21.48	21.26	23.0	0.0

Part27O n78 Ant 2 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000	23.0	0.0
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1	21.04	21.11	21.10		
100	PI/2 BPSK	1	137	21.20	21.13	21.24	22.0	1.0
100	PI/2 BPSK	1	271	21.20	21.20	21.03		
100	PI/2 BPSK	135	0	20.51	20.70	20.60		
100	PI/2 BPSK	135	69	21.05	21.04	21.11	23.0	0.0
100	PI/2 BPSK	135	138	21.05	21.01	20.95		
100	PI/2 BPSK	270	0	21.26	21.26	21.17		
100	QPSK	1	1	21.23	21.48	21.30	23.0	0.0
100	QPSK	1	137	21.17	21.10	21.19		
100	QPSK	1	271	21.32	21.32	21.23		
100	QPSK	135	0	21.01	21.17	21.24	23.0	0.0
100	QPSK	135	69	21.11	21.25	21.21		
100	QPSK	135	138	21.01	21.09	21.15		
100	QPSK	270	0	21.20	21.26	21.22	23.0	0.0
100	16QAM	1	1	21.02	21.34	21.15		
100	64QAM	1	1	21.27	21.27	21.34		
100	256QAM	1	1	19.61	19.74	19.69	21.0	2.0
Channel				649668	650000	650334	23.0	0.0
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.20	21.40	21.32		
Channel				649334	650000	650668	23.0	0.0
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.26	21.42	21.32		
Channel				649000	650000	651000	23.0	0.0
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.27	21.42	21.32		
Channel				648668	650000	651334	23.0	0.0
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.22	21.46	21.26		
Channel				648334	650000	651668	23.0	0.0
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.22	21.42	21.31		
Channel				648000	650000	652000	23.0	0.0
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.24	21.46	21.25		
Channel				647668	650000	652334	23.0	0.0
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.26	21.39	21.32		
Channel				647334	650000	652668	23.0	0.0
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.20	21.41	21.35		

Part27Q n78 Ant 2 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			

Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.01		23.0	0.0
100	PI/2 BPSK	1	137		21.12			
100	PI/2 BPSK	1	271		21.13			
100	PI/2 BPSK	135	0		20.60		22.0	1.0
100	PI/2 BPSK	135	69		21.19		23.0	0.0
100	PI/2 BPSK	135	138		20.88		22.0	1.0
100	PI/2 BPSK	270	0		21.12			
100	QPSK	1	1		21.39		23.0	0.0
100	QPSK	1	137		21.21			
100	QPSK	1	271		21.22			
100	QPSK	135	0		21.07		23.0	0.0
100	QPSK	135	69		21.25		23.0	0.0
100	QPSK	135	138		21.24		23.0	0.0
100	QPSK	270	0		21.11			
100	16QAM	1	1		21.28		23.0	0.0
100	64QAM	1	1		21.18		23.0	0.0
100	256QAM	1	1		19.62		21.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.32	21.37	21.26	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.34	21.36	21.24	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.29	21.29	21.25	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.36	21.30	21.18	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.34	21.37	21.18	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.31	21.37	21.20	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.35	21.27	21.21	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.30	21.31	21.27	23.0	0.0

n38 Ant 3 DSI1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.42	19.66	19.54	21.2	0.0
40	PI/2 BPSK	1	53	19.34	19.55	19.42		
40	PI/2 BPSK	1	104	19.49	19.64	19.41		
40	PI/2 BPSK	50	0	19.44	19.60	19.54	21.2	0.0

40	PI/2 BPSK	50	28	19.37	19.65	19.43	21.2	0.0
40	PI/2 BPSK	50	56	19.56	19.65	19.52	21.2	0.0
40	PI/2 BPSK	100	0	19.37	19.63	19.46		
40	QPSK	1	1	19.45	19.75	19.40	21.2	0.0
40	QPSK	1	53	19.53	19.62	19.44		
40	QPSK	1	104	19.44	19.62	19.56		
40	QPSK	50	0	19.37	19.53	19.39	21.2	0.0
40	QPSK	50	28	19.58	19.64	19.46	21.2	0.0
40	QPSK	50	56	19.40	19.58	19.49	21.2	0.0
40	QPSK	100	0	19.40	19.62	19.40		
40	16QAM	1	1	19.45	19.65	19.53	21.2	0.0
40	64QAM	1	1	19.49	19.73	19.48	21.2	0.0
40	256QAM	1	1	17.64	17.80	17.53	19.5	1.7
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.45	19.69	19.40	21.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.42	19.74	19.45	21.2	0.0

n41 Ant 3 DSI1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.59	19.88	19.72	21.2	0.0
100	PI/2 BPSK	1	137	19.58	19.74	19.62		
100	PI/2 BPSK	1	271	19.71	19.82	19.66		
100	PI/2 BPSK	135	0	19.64	19.79	19.71	21.2	0.0
100	PI/2 BPSK	135	69	19.61	19.84	19.63	21.2	0.0
100	PI/2 BPSK	135	138	19.73	19.89	19.69	21.2	0.0
100	PI/2 BPSK	270	0	19.60	19.81	19.71		
100	QPSK	1	1	19.65	19.90	19.64	21.2	0.0
100	QPSK	1	137	19.73	19.87	19.65		
100	QPSK	1	271	19.64	19.81	19.75		
100	QPSK	135	0	19.61	19.77	19.56	21.2	0.0
100	QPSK	135	69	19.76	19.86	19.64	21.2	0.0
100	QPSK	135	138	19.60	19.80	19.72	21.2	0.0
100	QPSK	270	0	19.59	19.82	19.57		
100	16QAM	1	1	19.63	19.82	19.78	21.2	0.0
100	64QAM	1	1	19.69	19.89	19.69	21.2	0.0
100	256QAM	1	1	17.81	17.98	17.73	19.5	1.7
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.46	19.72	19.41	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	19.40	19.73	19.45	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	19.41	19.69	19.49	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	19.42	19.71	19.39	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	19.44	19.69	19.48	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	19.50	19.70	19.41	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	19.43	19.72	19.40	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	19.49	19.65	19.45	21.2	0.0

Part270 n77 Ant 3 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.07	19.36	19.20	20.6	0.0
100	PI/2 BPSK	1	137	19.06	19.22	19.10		
100	PI/2 BPSK	1	271	19.19	19.30	19.14		
100	PI/2 BPSK	135	0	19.12	19.27	19.19	20.6	0.0
100	PI/2 BPSK	135	69	19.09	19.32	19.11	20.6	0.0
100	PI/2 BPSK	135	138	19.21	19.37	19.17	20.6	0.0
100	PI/2 BPSK	270	0	19.08	19.29	19.19		
100	QPSK	1	1	19.13	19.38	19.12	20.6	0.0
100	QPSK	1	137	19.21	19.35	19.13		
100	QPSK	1	271	19.12	19.29	19.23		
100	QPSK	135	0	19.09	19.25	19.04	20.6	0.0
100	QPSK	135	69	19.24	19.34	19.12	20.6	0.0
100	QPSK	135	138	19.08	19.28	19.20	20.6	0.0
100	QPSK	270	0	19.07	19.30	19.05		
100	16QAM	1	1	19.11	19.30	19.26	20.6	0.0
100	64QAM	1	1	19.12	19.27	19.19	20.6	0.0
100	256QAM	1	1	19.12	19.27	19.19	20.0	0.6
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.00	19.25	19.00	20.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.06	19.32	18.97	20.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.99	19.24	19.06	20.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.07	19.33	19.01	20.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.08	19.26	19.05	20.6	0.0
Channel				648000	656000	664000	Tune-up	MPR

Frequency (MHz)				3720	3840	3960	limit (dBm)	(dB)
40	QPSK	1	1	19.02	19.31	19.01	20.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.99	19.28	18.97	20.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.01	19.28	19.07	20.6	0.0

Part27Q n77 Ant 3 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.20		20.6	0.0
100	PI/2 BPSK	1	137		19.06			
100	PI/2 BPSK	1	271		19.14			
100	PI/2 BPSK	135	0		19.11		20.6	0.0
100	PI/2 BPSK	135	69		19.16		20.6	0.0
100	PI/2 BPSK	135	138		19.21		20.6	0.0
100	PI/2 BPSK	270	0		19.13			
100	QPSK	1	1		19.22		20.6	0.0
100	QPSK	1	137		19.19			
100	QPSK	1	271		19.13			
100	QPSK	135	0		19.09		20.6	0.0
100	QPSK	135	69		19.18		20.6	0.0
100	QPSK	135	138		19.12		20.6	0.0
100	QPSK	270	0		19.14			
100	16QAM	1	1		19.14		20.6	0.0
100	64QAM	1	1		19.11		20.6	0.0
100	256QAM	1	1		19.11		20.0	0.6
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.99	19.21	19.01	20.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.03	19.20	18.95	20.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.97	19.21	18.98	20.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.96	19.15	18.92	20.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.98	19.17	18.87	20.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.89	19.19	18.96	20.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		

30	QPSK	1	1	18.95	19.15	18.90	20.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.96	19.14	18.88	20.6	0.0

Part270 n78 PC2 Ant 3 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000		20.6	0.0
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.20		20.6	0.0
100	PI/2 BPSK	1	137		19.04			
100	PI/2 BPSK	1	271		19.09			
100	PI/2 BPSK	135	0		19.11		20.6	0.0
100	PI/2 BPSK	135	69		19.17		20.6	0.0
100	PI/2 BPSK	135	138		19.14		20.6	0.0
100	PI/2 BPSK	270	0		19.08			
100	QPSK	1	1		19.28		20.6	0.0
100	QPSK	1	137		19.19			
100	QPSK	1	271		19.12			
100	QPSK	135	0		19.07		20.6	0.0
100	QPSK	135	69		19.18		20.6	0.0
100	QPSK	135	138		19.09		20.6	0.0
100	QPSK	270	0		19.13			
100	16QAM	1	1		19.08		20.6	0.0
100	64QAM	1	1		19.09		20.6	0.0
100	256QAM	1	1		19.07		20.0	0.6
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.13	19.15	18.95	20.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.20	19.22	18.92	20.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.14	19.16	18.92	20.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.20	19.13	18.95	20.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.18	19.16	18.93	20.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.16	19.14	18.87	20.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.12	19.19	18.95	20.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.17	19.19	18.88	20.6	0.0

Part27Q n78 Ant 3 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		20.6	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.13			
100	PI/2 BPSK	1	137		19.04		20.6	0.0
100	PI/2 BPSK	1	271		19.08			
100	PI/2 BPSK	135	0		19.09			
100	PI/2 BPSK	135	69		19.07		20.6	0.0
100	PI/2 BPSK	135	138		19.20		20.6	0.0
100	PI/2 BPSK	270	0		19.10			
100	QPSK	1	1		19.22			
100	QPSK	1	137		19.19		20.6	0.0
100	QPSK	1	271		19.06			
100	QPSK	135	0		19.08			
100	QPSK	135	69		19.15		20.6	0.0
100	QPSK	135	138		19.03		20.6	0.0
100	QPSK	270	0		19.06			
100	16QAM	1	1		19.07			
100	64QAM	1	1		19.06		20.6	0.0
100	256QAM	1	1		19.02		20.0	0.6
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.13	19.18	18.88		
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.15	19.19	18.92		
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.18	19.18	18.89		
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.16	19.18	18.90		
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.18	19.17	18.91		
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.15	19.19	18.91		
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.16	19.13	18.95		
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.17	19.13	18.91		

n41 Ant 0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
----------	------------	---------	-----------	-----------------------	--------------------------	------------------------	---------------------	----------

Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.37	22.51	22.42	24.0	0.0
100	PI/2 BPSK	1	137	22.20	22.37	22.21		
100	PI/2 BPSK	1	271	22.06	22.25	22.09		
100	PI/2 BPSK	135	0	22.11	22.29	22.05	23.5	0.5
100	PI/2 BPSK	135	69	22.36	22.56	22.32	24.0	0.0
100	PI/2 BPSK	135	138	21.92	22.09	21.91	23.5	0.5
100	PI/2 BPSK	270	0	22.12	22.30	22.06		
100	QPSK	1	1	22.44	22.59	22.43	24.0	0.0
100	QPSK	1	137	22.30	22.49	22.28		
100	QPSK	1	271	22.33	22.52	22.34		
100	QPSK	135	0	21.74	21.89	21.67	23.0	1.0
100	QPSK	135	69	22.36	22.42	22.13	24.0	0.0
100	QPSK	135	138	21.25	21.23	21.01	23.0	1.0
100	QPSK	270	0	21.43	21.59	21.41		
100	16QAM	1	1	21.57	21.77	21.56	23.0	1.0
100	64QAM	1	1	19.69	19.89	19.69	21.5	2.5
100	256QAM	1	1	17.81	17.98	17.73	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.31	22.55	22.30	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.33	22.57	22.37	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	22.34	22.57	22.30	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	22.36	22.55	22.30	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	22.30	22.57	22.29	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	22.33	22.56	22.33	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	22.33	22.50	22.33	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	22.35	22.53	22.29	24.0	0.0

n41 Ant 5 DSI1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640	22.0	0.0
100	PI/2 BPSK	1	1	20.97	21.19	21.02		
100	PI/2 BPSK	1	137	20.80	20.97	20.81		
100	PI/2 BPSK	1	271	20.66	20.85	20.69		

100	PI/2 BPSK	135	0	20.71	20.89	20.65	21.5	0.5
100	PI/2 BPSK	135	69	20.96	21.16	20.92	22.0	0.0
100	PI/2 BPSK	135	138	20.52	20.69	20.51	21.5	0.5
100	PI/2 BPSK	270	0	20.72	20.90	20.66		
100	QPSK	1	1	21.04	21.23	21.03	22.0	0.0
100	QPSK	1	137	20.90	21.09	20.88		
100	QPSK	1	271	20.93	21.12	20.94		
100	QPSK	135	0	20.34	20.49	20.27	21.0	1.0
100	QPSK	135	69	20.96	21.02	20.73	22.0	0.0
100	QPSK	135	138	19.85	19.83	19.61	21.0	1.0
100	QPSK	270	0	19.43	19.59	19.41		
100	16QAM	1	1	20.17	20.37	20.16	21.0	1.0
100	64QAM	1	1	18.99	19.19	18.99	19.5	2.5
100	256QAM	1	1	17.11	17.28	17.03	17.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.91	21.15	20.90	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.93	21.17	20.97	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.94	21.17	20.90	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.96	21.15	20.90	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.90	21.17	20.89	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.93	21.16	20.93	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.93	21.10	20.93	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.95	21.13	20.89	22.0	0.0

Part270 n77 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	23.2	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.91	22.08	21.99		
100	PI/2 BPSK	1	137	21.91	21.97	21.89	23.2	0.0
100	PI/2 BPSK	1	271	21.90	21.97	21.80		
100	PI/2 BPSK	135	0	21.35	21.42	21.32	23.2	0.0
100	PI/2 BPSK	135	69	21.90	22.06	21.86	23.2	0.0
100	PI/2 BPSK	135	138	21.31	21.34	21.21	23.2	0.0
100	PI/2 BPSK	270	0	21.32	21.44	21.28		
100	QPSK	1	1	22.00	22.10	21.93	23.2	0.0

100	QPSK	1	137	21.88	22.09	21.96		
100	QPSK	1	271	22.02	22.07	21.94		
100	QPSK	135	0	21.45	21.42	21.38	23.2	0.0
100	QPSK	135	69	21.79	21.86	21.73	23.2	0.0
100	QPSK	135	138	21.47	21.49	21.37		
100	QPSK	270	0	21.35	21.37	21.30	23.2	0.0
100	16QAM	1	1	21.85	22.03	21.87	23.2	0.0
100	64QAM	1	1	21.77	21.90	21.79	23.2	0.0
100	256QAM	1	1	21.19	21.43	21.26	22.0	1.2
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.84	21.93	21.69	23.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.78	21.89	21.76	23.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.83	21.87	21.75	23.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.84	21.94	21.71	23.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.82	21.95	21.75	23.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.78	21.95	21.70	23.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.78	21.89	21.75	23.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.80	21.93	21.69	23.2	0.0

Part27Q n77 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		23.2	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.90		23.2	0.0
100	PI/2 BPSK	1	137		21.86			
100	PI/2 BPSK	1	271		21.93			
100	PI/2 BPSK	135	0		21.80		23.2	0.0
100	PI/2 BPSK	135	69		21.86		23.2	0.0
100	PI/2 BPSK	135	138		21.84		23.2	0.0
100	PI/2 BPSK	270	0		21.87			
100	QPSK	1	1		21.97		23.2	0.0
100	QPSK	1	137		21.88			
100	QPSK	1	271		21.93			
100	QPSK	135	0		21.72		23.2	0.0
100	QPSK	135	69		21.79		23.2	0.0
100	QPSK	135	138		21.75		23.2	0.0

100	QPSK	270	0		21.75			
100	16QAM	1	1		21.76		23.2	0.0
100	64QAM	1	1		21.71		23.2	0.0
100	256QAM	1	1		21.05		22.0	1.2
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.75	21.79	21.70	23.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.75	21.79	21.69	23.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.74	21.79	21.66	23.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.67	21.75	21.65	23.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.74	21.74	21.67	23.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.74	21.77	21.69	23.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.71	21.76	21.65	23.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.72	21.76	21.74	23.2	0.0

Part270 n78 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000		23.2	0.0
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.81		23.2	0.0
100	PI/2 BPSK	1	137		21.70			
100	PI/2 BPSK	1	271		21.75			
100	PI/2 BPSK	135	0		21.38		23.2	0.0
100	PI/2 BPSK	135	69		21.67		23.2	0.0
100	PI/2 BPSK	135	138		21.38		23.2	0.0
100	PI/2 BPSK	270	0		21.49			
100	QPSK	1	1		21.83		23.2	0.0
100	QPSK	1	137		21.81			
100	QPSK	1	271		21.79			
100	QPSK	135	0		21.45		23.2	0.0
100	QPSK	135	69		21.58		23.2	0.0
100	QPSK	135	138		21.28		23.2	0.0
100	QPSK	270	0		21.22			
100	16QAM	1	1		21.77		23.2	0.0
100	64QAM	1	1		21.68		23.2	0.0
100	256QAM	1	1		21.18		22.0	1.2
Channel				649668	650000	650334	Tune-up	MPR

Frequency (MHz)				3745.02	3750	3755.01	limit (dBm)	(dB)
90	QPSK	1	1	21.59	21.64	21.43	23.2	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	21.70	21.41	23.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.65	21.67	21.49	23.2	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	21.65	21.47	23.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.65	21.64	21.42	23.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.58	21.71	21.43	23.2	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	21.66	21.42	23.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.56	21.68	21.46	23.2	0.0

Part27Q n78 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.75		23.2	0.0
100	PI/2 BPSK	1	137		21.66			
100	PI/2 BPSK	1	271		21.60			
100	PI/2 BPSK	135	0		21.28		23.2	0.0
100	PI/2 BPSK	135	69		21.62		23.2	0.0
100	PI/2 BPSK	135	138		21.45		23.2	0.0
100	PI/2 BPSK	270	0		21.32			
100	QPSK	1	1		21.76			
100	QPSK	1	137		21.70		23.2	0.0
100	QPSK	1	271		21.67			
100	QPSK	135	0		21.45			
100	QPSK	135	69		21.50		23.2	0.0
100	QPSK	135	138		21.25		23.2	0.0
100	QPSK	270	0		21.45			
100	16QAM	1	1		21.63			
100	64QAM	1	1		21.53		23.2	0.0
100	256QAM	1	1		21.00		22.0	1.2
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.56	21.69	21.59	23.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		

80	QPSK	1	1	21.50	21.69	21.55	23.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.54	21.66	21.51	23.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.55	21.65	21.51	23.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.49	21.62	21.59	23.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.57	21.64	21.52	23.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.56	21.65	21.56	23.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.58	21.66	21.57	23.2	0.0

n41 Ant6 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	21.7	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.45	20.67	20.50	21.7	0.0
100	PI/2 BPSK	1	137	20.28	20.45	20.29		
100	PI/2 BPSK	1	271	20.14	20.33	20.17		
100	PI/2 BPSK	135	0	20.19	20.37	20.13	21.7	0.0
100	PI/2 BPSK	135	69	20.44	20.64	20.40	21.7	0.0
100	PI/2 BPSK	135	138	20.00	20.17	19.99	21.7	0.0
100	PI/2 BPSK	270	0	20.20	20.38	20.14		
100	QPSK	1	1	20.62	20.81	20.61		
100	QPSK	1	137	20.38	20.57	20.36	21.7	0.0
100	QPSK	1	271	20.41	20.60	20.42		
100	QPSK	135	0	20.20	20.38	20.14		
100	QPSK	135	69	20.44	20.60	20.21	21.7	0.0
100	QPSK	135	138	20.38	20.57	20.36	21.7	0.0
100	QPSK	270	0	19.43	19.59	19.41		
100	16QAM	1	1	20.17	20.37	20.16		
100	64QAM	1	1	18.99	19.19	18.99	21.7	0.0
100	256QAM	1	1	17.11	17.28	17.03	21.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.45	20.62	20.43	21.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.40	20.61	20.43	21.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.42	20.65	20.39	21.7	0.0
Channel				505200	518598	531996	Tune-up	MPR

Frequency (MHz)				2526	2592.99	2659.98	limit (dBm)	(dB)
60	QPSK	1	1	20.38	20.66	20.36	21.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.38	20.59	20.41	21.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.38	20.57	20.41	21.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.40	20.59	20.39	21.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.45	20.65	20.42	21.7	0.0

Part270 n77 Ant6 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	20.7	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.32	19.41	19.40		
100	PI/2 BPSK	1	137	19.32	19.38	19.30	20.7	0.0
100	PI/2 BPSK	1	271	19.31	19.38	19.21		
100	PI/2 BPSK	135	0	18.76	18.83	18.73		
100	PI/2 BPSK	135	69	19.31	19.47	19.27	20.7	0.0
100	PI/2 BPSK	135	138	19.29	19.50	19.37		
100	PI/2 BPSK	270	0	19.43	19.48	19.35		
100	QPSK	1	1	19.41	19.51	19.34	20.7	0.0
100	QPSK	1	137	19.29	19.50	19.37		
100	QPSK	1	271	19.43	19.48	19.35		
100	QPSK	135	0	19.26	19.44	19.28	20.7	0.0
100	QPSK	135	69	19.26	19.45	19.28		
100	QPSK	135	138	19.18	19.31	19.20		
100	QPSK	270	0	18.76	18.78	18.71	20.7	0.0
100	16QAM	1	1	19.26	19.44	19.28		
100	64QAM	1	1	19.18	19.31	19.20		
100	256QAM	1	1	18.87	19.11	18.94	20.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.22	19.32	19.14	20.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.27	19.39	19.22	20.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.27	19.35	19.19	20.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.27	19.36	19.15	20.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		

50	QPSK	1	1	19.26	19.32	19.16	20.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.29	19.36	19.20	20.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.23	19.39	19.24	20.7	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	19.32	19.14	20.7	0.0

Part27Q n77 Ant6 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		20.7	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.47		20.7	0.0
100	PI/2 BPSK	1	137		19.43			
100	PI/2 BPSK	1	271		19.50			
100	PI/2 BPSK	135	0		19.37		20.7	0.0
100	PI/2 BPSK	135	69		19.43		20.7	0.0
100	PI/2 BPSK	135	138		19.41		20.7	0.0
100	PI/2 BPSK	270	0		19.44			
100	QPSK	1	1		19.54		20.7	0.0
100	QPSK	1	137		19.45			
100	QPSK	1	271		19.50			
100	QPSK	135	0		19.29		20.7	0.0
100	QPSK	135	69		19.36		20.7	0.0
100	QPSK	135	138		19.32		20.7	0.0
100	QPSK	270	0		19.32			
100	16QAM	1	1		19.33		20.7	0.0
100	64QAM	1	1		19.28		20.7	0.0
100	256QAM	1	1		19.50		20.7	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.12	19.13	18.97	20.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.02	19.21	19.03	20.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.05	19.14	19.01	20.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.06	19.18	19.00	20.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.03	19.18	18.99	20.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.05	19.22	19.00	20.7	0.0
Channel				631000	633334	635668	Tune-up	MPR

Frequency (MHz)				3465	3500.01	3535.02	limit (dBm)	(dB)
30	QPSK	1	1	19.06	19.21	19.02	20.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.09	19.19	18.97	20.7	0.0

Part270 n78 Ant6 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000	20.7	0.0
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.34			
100	PI/2 BPSK	1	137		19.26		20.7	0.0
100	PI/2 BPSK	1	271		19.38			
100	PI/2 BPSK	135	0		19.26			
100	PI/2 BPSK	135	69		19.24		20.7	0.0
100	PI/2 BPSK	135	138		19.23		20.7	0.0
100	PI/2 BPSK	270	0		19.29			
100	QPSK	1	1		19.39			
100	QPSK	1	137		19.26		20.7	0.0
100	QPSK	1	271		19.35			
100	QPSK	135	0		19.11			
100	QPSK	135	69		19.22		20.7	0.0
100	QPSK	135	138		19.17		20.7	0.0
100	QPSK	270	0		19.13			
100	16QAM	1	1		19.15			
100	64QAM	1	1		19.15		20.7	0.0
100	256QAM	1	1		19.30		20.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.93	18.95	18.84		
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.97	19.03	18.77		
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.02	18.99	18.83		
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.97	18.93	18.81		
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.96	19.03	18.87		
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.01	18.98	18.82		
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.96	18.96	18.84		
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		

20	QPSK	1	1	18.99	18.97	18.78	20.7	0.0
----	------	---	---	-------	-------	-------	------	-----

Part27Q n78 Ant6 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		20.7	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.30		20.7	0.0
100	PI/2 BPSK	1	137		19.29			
100	PI/2 BPSK	1	271		19.35			
100	PI/2 BPSK	135	0		19.25		20.7	0.0
100	PI/2 BPSK	135	69		19.26		20.7	0.0
100	PI/2 BPSK	135	138		19.27		20.7	0.0
100	PI/2 BPSK	270	0		19.29			
100	QPSK	1	1		19.40		20.7	0.0
100	QPSK	1	137		19.26			
100	QPSK	1	271		19.36			
100	QPSK	135	0		19.10		20.7	0.0
100	QPSK	135	69		19.26		20.7	0.0
100	QPSK	135	138		19.19		20.7	0.0
100	QPSK	270	0		19.17			
100	16QAM	1	1		19.20		20.7	0.0
100	64QAM	1	1		19.15		20.7	0.0
100	256QAM	1	1		19.31		20.7	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.96	19.01	18.84	20.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.01	19.01	18.79	20.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.98	18.98	18.81	20.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.92	19.01	18.82	20.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.99	19.01	18.78	20.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.98	18.99	18.85	20.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.95	19.02	18.79	20.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.98	18.97	18.85	20.7	0.0

n5 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	23.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.84	22.04	21.95		
20	PI/2 BPSK	1	53	21.76	21.86	21.62	22.5	0.5
20	PI/2 BPSK	1	104	21.59	21.74	21.71		
20	PI/2 BPSK	50	0	21.22	21.31	21.23		
20	PI/2 BPSK	50	28	21.65	21.72	21.67	22.5	0.5
20	PI/2 BPSK	50	56	21.05	21.23	20.95		
20	PI/2 BPSK	100	0	21.29	21.42	21.15		
20	QPSK	1	1	21.99	22.09	21.88	23.0	0.0
20	QPSK	1	53	21.79	21.89	21.80		
20	QPSK	1	104	21.47	21.77	21.62		
20	QPSK	50	0	20.73	20.82	20.70	22.0	1.0
20	QPSK	50	28	21.63	21.98	21.65		
20	QPSK	50	56	20.47	20.67	20.59		
20	QPSK	100	0	20.64	20.91	20.65	22.0	1.0
20	16QAM	1	1	20.74	20.76	20.57		
20	64QAM	1	1	19.07	19.47	19.09		
20	256QAM	1	1	17.15	17.51	17.18	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.80	22.00	21.81	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.84	22.02	21.61	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.85	21.92	21.74	23.0	0.0

n26 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	23.0	0.0
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.85	21.87	21.74		
20	PI/2 BPSK	1	53	21.79	21.97	21.94	22.5	0.5
20	PI/2 BPSK	1	104	21.74	21.80	21.69		
20	PI/2 BPSK	50	0	21.30	21.49	21.37		
20	PI/2 BPSK	50	28	21.93	22.04	22.05	22.5	0.5
20	PI/2 BPSK	50	56	21.37	21.41	21.36		
20	PI/2 BPSK	100	0	21.43	21.48	21.45		
20	QPSK	1	1	21.97	22.11	21.90	23.0	0.0
20	QPSK	1	53	22.03	22.09	21.99		
20	QPSK	1	104	21.90	21.98	21.81		
20	QPSK	50	0	20.96	20.96	20.78	22.0	1.0
20	QPSK	50	28	21.83	22.03	22.01		
20	QPSK	50	56	20.90	20.98	20.82		
20	QPSK	100	0	20.95	20.97	20.75	22.0	1.0
20	16QAM	1	1	20.82	20.86	20.78		
20	64QAM	1	1	19.74	19.86	19.88		

20	256QAM	1	1	17.29	17.34	17.32	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.78	21.93	21.88	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.74	21.89	21.91	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.70	21.97	21.74	23.0	0.0

n71 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600	23.0	0.0
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.86	22.17	22.02		
20	PI/2 BPSK	1	53	21.84	22.08	21.87	22.5	0.5
20	PI/2 BPSK	1	104	21.88	21.95	21.76		
20	PI/2 BPSK	50	0	21.32	21.66	21.30		
20	PI/2 BPSK	50	28	21.72	22.08	21.85	22.5	0.5
20	PI/2 BPSK	50	56	21.23	21.52	21.17		
20	PI/2 BPSK	100	0	21.42	21.62	21.38		
20	QPSK	1	1	22.01	22.37	22.00	23.0	0.0
20	QPSK	1	53	21.94	22.04	21.94		
20	QPSK	1	104	21.77	22.11	21.82		
20	QPSK	50	0	20.85	21.09	20.80	22.0	1.0
20	QPSK	50	28	21.85	22.07	21.84		
20	QPSK	50	56	20.80	20.97	20.63		
20	QPSK	100	0	20.84	20.92	20.89	22.0	1.0
20	16QAM	1	1	20.60	20.92	20.75		
20	64QAM	1	1	19.36	19.41	19.35		
20	256QAM	1	1	17.11	17.33	17.31	18.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	21.93	22.05	21.98	23.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	21.95	22.12	21.79	23.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	21.81	22.14	21.96	23.0	0.0

Reduced Power Mode for DSI 2

n5 Ant 0 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				166800	167300	167800	23.2	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.82	22.04	21.90		
20	PI/2 BPSK	1	53	21.85	22.00	21.82	23.2	0.0

20	PI/2 BPSK	1	104	21.80	22.02	21.77		
20	PI/2 BPSK	50	0	21.82	22.07	21.83	23.2	0.0
20	PI/2 BPSK	50	28	21.85	22.05	21.76	23.2	0.0
20	PI/2 BPSK	50	56	21.78	21.95	21.81	23.2	0.0
20	PI/2 BPSK	100	0	21.83	22.04	21.89		
20	QPSK	1	1	21.86	22.08	21.78		
20	QPSK	1	53	21.73	21.97	21.78	23.2	0.0
20	QPSK	1	104	21.81	22.03	21.83		
20	QPSK	50	0	21.83	21.98	21.78		
20	QPSK	50	28	21.81	22.00	21.77	23.2	0.0
20	QPSK	50	56	21.42	21.64	21.48	23.0	0.2
20	QPSK	100	0	21.52	21.70	21.57		
20	16QAM	1	1	21.39	21.64	21.46		
20	64QAM	1	1	19.92	20.17	19.95	21.5	1.7
20	256QAM	1	1	18.00	18.12	18.00	19.5	3.7
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.81	21.94	21.73	23.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.75	21.98	21.78	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	21.73	22.02	21.73	23.2	0.0

n26 Ant 0 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				164800	166300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.82	22.04	21.83		
20	PI/2 BPSK	1	53	21.82	22.00	21.74	23.2	0.0
20	PI/2 BPSK	1	104	21.75	21.95	21.79		
20	PI/2 BPSK	50	0	21.79	22.07	21.90		
20	PI/2 BPSK	50	28	21.88	21.98	21.82	23.2	0.0
20	PI/2 BPSK	50	56	21.78	21.96	21.78	23.2	0.0
20	PI/2 BPSK	100	0	21.78	22.01	21.85		
20	QPSK	1	1	21.87	22.12	21.74		
20	QPSK	1	53	21.80	22.09	21.83	23.2	0.0
20	QPSK	1	104	21.85	22.04	21.86		
20	QPSK	50	0	21.91	22.00	21.82		
20	QPSK	50	28	21.73	22.11	21.75	23.2	0.0
20	QPSK	50	56	21.46	21.68	21.50	23.0	0.2
20	QPSK	100	0	21.62	21.78	21.63		
20	16QAM	1	1	21.44	21.68	21.47		
20	64QAM	1	1	19.97	20.21	19.97	21.5	1.7
20	256QAM	1	1	18.01	18.21	18.02	19.5	3.7
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.76	22.01	21.80	23.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.75	22.03	21.77	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	21.79	22.00	21.80	23.2	0.0

n71 Ant 0 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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.60	21.77	21.63	22.7	0.0
20	PI/2 BPSK	1	53	21.39	21.64	21.44		
20	PI/2 BPSK	1	104	21.23	21.45	21.34		
20	PI/2 BPSK	50	0	21.57	21.79	21.66	22.7	0.0
20	PI/2 BPSK	50	28	21.38	21.65	21.46	22.7	0.0
20	PI/2 BPSK	50	56	21.21	21.45	21.26	22.7	0.0
20	PI/2 BPSK	100	0	21.57	21.80	21.66		
20	QPSK	1	1	21.62	21.84	21.62		
20	QPSK	1	53	21.40	21.64	21.49	22.7	0.0
20	QPSK	1	104	21.25	21.50	21.28		
20	QPSK	50	0	21.37	21.67	21.47		
20	QPSK	50	28	21.20	21.80	21.33	22.7	0.0
20	QPSK	50	56	21.59	21.79	21.63	22.7	0.0
20	QPSK	100	0	21.38	21.58	21.46		
20	16QAM	1	1	21.23	21.49	21.29		
20	64QAM	1	1	20.28	20.51	20.31	21.5	1.2
20	256QAM	1	1	18.33	18.51	18.32	19.5	3.2
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	21.24	21.48	21.28	22.7	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	21.25	21.44	21.34	22.7	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	21.28	21.49	21.27	22.7	0.0

n2 Ant 2 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	19.6	0.0
20	PI/2 BPSK	1	1	18.10	18.31	18.15		
20	PI/2 BPSK	1	53	18.08	18.23	18.08		
20	PI/2 BPSK	1	104	18.07	18.17	18.04	19.6	0.0
20	PI/2 BPSK	50	0	18.10	18.31	18.21		
20	PI/2 BPSK	50	28	18.03	18.26	18.12		
20	PI/2 BPSK	50	56	18.02	18.22	18.02	19.6	0.0
20	PI/2 BPSK	100	0	18.04	18.31	18.12		
20	QPSK	1	1	18.32	18.33	18.26		
20	QPSK	1	53	18.07	18.17	18.05	19.6	0.0
20	QPSK	1	104	18.04	18.29	18.18		
20	QPSK	50	0	18.08	18.25	18.09		

20	QPSK	50	28	18.00	18.29	18.02	19.6	0.0
20	QPSK	50	56	18.11	18.22	18.12	19.6	0.0
20	QPSK	100	0	18.11	18.32	18.19		
20	16QAM	1	1	18.08	18.24	18.10	19.6	0.0
20	64QAM	1	1	18.01	18.17	18.06	19.6	0.0
20	256QAM	1	1	17.93	18.12	17.97	19.5	0.1
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.08	18.29	18.21	19.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.11	18.27	18.05	19.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.98	18.21	18.03	19.6	0.0

n66 Ant 2 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	19.9	0.0
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.62	18.74	18.68		
40	PI/2 BPSK	1	108	18.51	18.69	18.47	19.9	0.0
40	PI/2 BPSK	1	214	18.56	18.77	18.51		
40	PI/2 BPSK	108	0	18.63	18.74	18.59	19.9	0.0
40	PI/2 BPSK	108	54	18.48	18.72	18.46	19.9	0.0
40	PI/2 BPSK	108	108	18.51	18.77	18.53	19.9	0.0
40	PI/2 BPSK	216	0	18.65	18.76	18.66		
40	QPSK	1	1	18.47	18.90	18.46	19.9	0.0
40	QPSK	1	108	18.55	18.73	18.57		
40	QPSK	1	214	18.64	18.74	18.62		
40	QPSK	108	0	18.50	18.68	18.52	19.9	0.0
40	QPSK	108	54	18.54	18.89	18.57	19.9	0.0
40	QPSK	108	108	18.58	18.84	18.68	19.9	0.0
40	QPSK	216	0	18.58	18.83	18.61		
40	16QAM	1	1	18.42	18.74	18.53	19.9	0.0
40	64QAM	1	1	18.55	18.80	18.53	19.9	0.0
40	256QAM	1	1	17.90	18.11	17.88	19.5	0.4
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.58	18.79	18.64	19.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.48	18.70	18.46	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	18.54	18.81	18.50	19.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.67	18.81	18.63	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	18.51	18.74	18.54	19.5	0.0
---	------	---	---	-------	-------	-------	------	-----

n7 Ant 3 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	16.5	0.0
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.27	15.48	15.26		
40	PI/2 BPSK	1	108	15.29	15.46	15.27	16.5	0.0
40	PI/2 BPSK	1	214	15.26	15.33	15.14		
40	PI/2 BPSK	108	0	15.30	15.52	15.31		
40	PI/2 BPSK	108	54	15.38	15.49	15.22	16.5	0.0
40	PI/2 BPSK	108	108	15.18	15.40	15.19		
40	PI/2 BPSK	216	0	15.24	15.46	15.31		
40	QPSK	1	1	15.32	15.68	15.21	16.5	0.0
40	QPSK	1	108	15.25	15.37	15.15		
40	QPSK	1	214	15.29	15.51	15.29		
40	QPSK	108	0	15.29	15.51	15.29	16.5	0.0
40	QPSK	108	54	15.20	15.66	15.17		
40	QPSK	108	108	15.29	15.44	15.33		
40	QPSK	216	0	15.35	15.47	15.23	16.5	0.0
40	16QAM	1	1	15.22	15.47	15.26		
40	64QAM	1	1	15.36	15.52	15.26		
40	256QAM	1	1	15.24	15.34	15.20	16.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.32	15.49	15.26		
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.21	15.33	15.21		
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.29	15.43	15.32		
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.27	15.50	15.32		
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.35	15.53	15.29		
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.22	15.37	15.14		

Part270 n77 PC2&PC3 Ant 2 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	17.1	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.66	15.71	15.65		
100	PI/2 BPSK	1	137	15.59	15.60	15.58	17.1	0.0
100	PI/2 BPSK	1	271	15.56	15.77	15.52		

100	PI/2 BPSK	135	0	15.66	15.74	15.73	17.1	0.0
100	PI/2 BPSK	135	69	15.56	15.61	15.60	17.1	0.0
100	PI/2 BPSK	135	138	15.60	15.73	15.57	17.1	0.0
100	PI/2 BPSK	270	0	15.58	15.73	15.67		
100	QPSK	1	1	15.57	15.78	15.55	17.1	0.0
100	QPSK	1	137	15.54	15.74	15.55		
100	QPSK	1	271	15.60	15.76	15.65		
100	QPSK	135	0	15.50	15.69	15.59	17.1	0.0
100	QPSK	135	69	15.55	15.74	15.53	17.1	0.0
100	QPSK	135	138	15.61	15.70	15.67	17.1	0.0
100	QPSK	270	0	15.54	15.69	15.59		
100	16QAM	1	1	15.60	15.75	15.73	17.1	0.0
100	64QAM	1	1	15.52	15.66	15.54	17.1	0.0
100	256QAM	1	1	15.60	15.73	15.57	17.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.56	15.70	15.69	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	15.56	15.70	15.69	17.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.56	15.70	15.69	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	15.54	15.63	15.55	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	15.50	15.63	15.59	17.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.60	15.66	15.56	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	15.60	15.59	15.54	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	15.55	15.63	15.57	17.1	0.0

Part27Q n77 PC2&PC3 Ant 2 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					633334		17.1	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.58		17.1	0.0
100	PI/2 BPSK	1	137		15.42			
100	PI/2 BPSK	1	271		15.61			
100	PI/2 BPSK	135	0		15.63		17.1	0.0
100	PI/2 BPSK	135	69		15.54		17.1	0.0
100	PI/2 BPSK	135	138		15.65		17.1	0.0
100	PI/2 BPSK	270	0		15.58			
100	QPSK	1	1		15.70		17.1	0.0

100	QPSK	1	137		15.61			
100	QPSK	1	271		15.64			
100	QPSK	135	0		15.47		17.1	0.0
100	QPSK	135	69		15.69		17.1	0.0
100	QPSK	135	138		15.56		17.1	0.0
100	QPSK	270	0		15.53			
100	16QAM	1	1		15.64		17.1	0.0
100	64QAM	1	1		15.57		17.1	0.0
100	256QAM	1	1		15.64		17.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.56	15.60	15.61	17.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.57	15.60	15.60	17.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.60	15.60	15.60	17.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.53	15.64	15.57	17.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.54	15.62	15.52	17.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.55	15.59	15.60	17.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.51	15.63	15.57	17.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.51	15.60	15.60	17.1	0.0

Part270 n78 PC2&PC3 Ant 2 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		17.1	0.0
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.61		17.1	0.0
100	PI/2 BPSK	1	137		15.52			
100	PI/2 BPSK	1	271		15.63			
100	PI/2 BPSK	135	0		15.68		17.1	0.0
100	PI/2 BPSK	135	69		15.58		17.1	0.0
100	PI/2 BPSK	135	138		15.72		17.1	0.0
100	PI/2 BPSK	270	0		15.63			
100	QPSK	1	1		15.74		17.1	0.0
100	QPSK	1	137		15.72			
100	QPSK	1	271		15.63			
100	QPSK	135	0		15.52		17.1	0.0
100	QPSK	135	69		15.73		17.1	0.0
100	QPSK	135	138		15.64		17.1	0.0

100	QPSK	270	0		15.53			
100	16QAM	1	1		15.67		17.1	0.0
100	64QAM	1	1		15.55		17.1	0.0
100	256QAM	1	1		15.70		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	15.57	15.67	15.52	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	15.57	15.62	15.52	17.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.56	15.66	15.51	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	15.60	15.64	15.59	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	15.54	15.64	15.57	17.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.58	15.60	15.53	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	15.56	15.68	15.56	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	15.57	15.65	15.61	17.1	0.0

Part27Q n78 PC2&PC3 Ant 2 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					633334		17.1	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.58		17.1	0.0
100	PI/2 BPSK	1	137		15.42			
100	PI/2 BPSK	1	271		15.50			
100	PI/2 BPSK	135	0		15.49		17.1	0.0
100	PI/2 BPSK	135	69		15.33		17.1	0.0
100	PI/2 BPSK	135	138		15.48		17.1	0.0
100	PI/2 BPSK	270	0		15.47			
100	QPSK	1	1		15.62		17.1	0.0
100	QPSK	1	137		15.53			
100	QPSK	1	271		15.40			
100	QPSK	135	0		15.39		17.1	0.0
100	QPSK	135	69		15.54		17.1	0.0
100	QPSK	135	138		15.47		17.1	0.0
100	QPSK	270	0		15.44			
100	16QAM	1	1		15.50		17.1	0.0
100	64QAM	1	1		15.37		17.1	0.0
100	256QAM	1	1		15.47		17.1	0.0
Channel				633000	633334	633668	Tune-up	MPR

Frequency (MHz)				3495	3500.01	3505.02	limit (dBm)	(dB)
90	QPSK	1	1	15.53	15.61	15.55	17.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.57	15.56	15.55	17.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.58	15.59	15.56	17.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.51	15.54	15.59	17.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.56	15.56	15.53	17.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.58	15.54	15.53	17.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.57	15.56	15.59	17.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.52	15.52	15.52	17.1	0.0

n38 Ant 3 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	16.4	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.07	15.22	15.09		
40	PI/2 BPSK	1	53	15.03	15.22	14.97	16.4	0.0
40	PI/2 BPSK	1	104	15.13	15.21	15.07		
40	PI/2 BPSK	50	0	15.05	15.23	15.16		
40	PI/2 BPSK	50	28	14.97	15.15	15.01	16.4	0.0
40	PI/2 BPSK	50	56	15.14	15.20	15.06		
40	PI/2 BPSK	100	0	15.05	15.25	15.12		
40	QPSK	1	1	15.05	15.27	14.98	16.4	0.0
40	QPSK	1	53	15.19	15.23	15.05		
40	QPSK	1	104	15.05	15.20	15.08		
40	QPSK	50	0	14.98	15.20	15.00	16.4	0.0
40	QPSK	50	28	15.13	15.22	15.07		
40	QPSK	50	56	15.00	15.21	15.16		
40	QPSK	100	0	15.05	15.16	14.96	16.4	0.0
40	16QAM	1	1	15.03	15.19	15.16		
40	64QAM	1	1	15.06	15.22	14.98		
40	256QAM	1	1	15.11	15.19	15.06	16.4	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.01	15.20	15.03	16.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		

20	QPSK	1	1	15.03	15.23	15.02	16.4	0.0
----	------	---	---	-------	-------	-------	------	-----

n41 Ant 3 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	16.4	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.99	15.28	15.12		
100	PI/2 BPSK	1	137	14.98	15.14	15.02	16.4	0.0
100	PI/2 BPSK	1	271	15.11	15.22	15.06		
100	PI/2 BPSK	135	0	15.04	15.19	15.11		
100	PI/2 BPSK	135	69	15.01	15.24	15.03	16.4	0.0
100	PI/2 BPSK	135	138	15.13	15.29	15.09		
100	PI/2 BPSK	270	0	15.00	15.21	15.11		
100	QPSK	1	1	15.05	15.30	15.04	16.4	0.0
100	QPSK	1	137	15.13	15.27	15.05		
100	QPSK	1	271	15.04	15.21	15.15		
100	QPSK	135	0	15.01	15.17	14.96	16.4	0.0
100	QPSK	135	69	15.16	15.26	15.04		
100	QPSK	135	138	15.00	15.20	15.12		
100	QPSK	270	0	14.99	15.22	14.97	16.4	0.0
100	16QAM	1	1	15.03	15.22	15.18		
100	64QAM	1	1	14.98	15.20	14.98		
100	256QAM	1	1	15.10	15.29	15.03	16.4	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.04	15.23	15.01	16.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.03	15.19	14.99	16.4	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.03	15.21	15.00	16.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.97	15.15	14.96	16.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.03	15.20	15.04	16.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.98	15.21	15.00	16.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.98	15.22	14.99	16.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.99	15.22	15.00	16.4	0.0

Part270 n77 PC2&PC3 Ant 3 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up	MPR

				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	limit (dBm)	(dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.37	17.47	17.29		
100	PI/2 BPSK	1	137	17.37	17.09	17.36	18.9	0.0
100	PI/2 BPSK	1	271	17.23	17.19	17.37		
100	PI/2 BPSK	135	0	17.41	17.51	17.32		
100	PI/2 BPSK	135	69	17.40	17.08	17.41	18.9	0.0
100	PI/2 BPSK	135	138	17.24	17.18	17.35	18.9	0.0
100	PI/2 BPSK	270	0	17.35	17.54	17.26		
100	QPSK	1	1	17.39	17.85	17.39		
100	QPSK	1	137	17.25	17.16	17.35	18.9	0.0
100	QPSK	1	271	17.41	17.56	17.25		
100	QPSK	135	0	17.37	17.03	17.38		
100	QPSK	135	69	17.26	17.55	17.36	18.9	0.0
100	QPSK	135	138	17.37	17.40	17.26	18.9	0.0
100	QPSK	270	0	17.32	17.40	17.33		
100	16QAM	1	1	17.37	17.51	17.26		
100	64QAM	1	1	17.37	17.01	17.33	18.9	0.0
100	256QAM	1	1	17.20	17.17	17.33	18.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.36	17.06	17.35	18.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.36	17.01	17.37	18.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.37	17.10	17.34	18.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.32	17.08	17.34	18.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.37	17.11	17.33	18.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.34	17.08	17.35	18.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.40	17.07	17.32	18.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.41	17.06	17.37	18.9	0.0

Part27Q n77 PC2&PC3 Ant 3 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.54		18.9	0.0

100	PI/2 BPSK	1	137		17.07			
100	PI/2 BPSK	1	271		17.21			
100	PI/2 BPSK	135	0		17.51		18.9	0.0
100	PI/2 BPSK	135	69		17.04		18.9	0.0
100	PI/2 BPSK	135	138		17.17		18.9	0.0
100	PI/2 BPSK	270	0		17.49			
100	QPSK	1	1		17.82		18.9	0.0
100	QPSK	1	137		17.21			
100	QPSK	1	271		17.49			
100	QPSK	135	0		17.07		18.9	0.0
100	QPSK	135	69		17.59		18.9	0.0
100	QPSK	135	138		17.55		18.9	0.0
100	QPSK	270	0		17.04			
100	16QAM	1	1		17.55		18.9	0.0
100	64QAM	1	1		17.10		18.9	0.0
100	256QAM	1	1		17.12		18.9	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.38	17.06	17.41	18.9	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.32	17.04	17.34	18.9	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.36	17.07	17.35	18.9	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.39	17.04	17.39	18.9	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.39	17.03	17.33	18.9	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.33	17.05	17.32	18.9	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.32	17.08	17.31	18.9	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.37	17.02	17.40	18.9	0.0

Part270 n78 PC2&PC3 Ant 3 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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.55		18.9	0.0
100	PI/2 BPSK	1	137		17.11			
100	PI/2 BPSK	1	271		17.21			
100	PI/2 BPSK	135	0		17.57		18.9	0.0
100	PI/2 BPSK	135	69		17.03		18.9	0.0
100	PI/2 BPSK	135	138		17.18		18.9	0.0

100	PI/2 BPSK	270	0		17.56			
100	QPSK	1	1		17.60			
100	QPSK	1	137		17.20		18.9	0.0
100	QPSK	1	271		17.57			
100	QPSK	135	0		17.04		18.9	0.0
100	QPSK	135	69		17.51		18.9	0.0
100	QPSK	135	138		17.50			
100	QPSK	270	0		17.08		18.9	0.0
100	16QAM	1	1		17.48		18.9	0.0
100	64QAM	1	1		17.01		18.9	0.0
100	256QAM	1	1		17.13		18.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.40	17.05	17.41	18.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.34	17.09	17.33	18.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.38	17.03	17.37	18.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.32	17.05	17.39	18.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.37	17.07	17.32	18.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.35	17.01	17.37	18.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.34	17.07	17.34	18.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.40	17.07	17.36	18.9	0.0

Part27Q n78 PC2&PC3 Ant 3 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					633334		18.9	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.49		18.9	0.0
100	PI/2 BPSK	1	137		17.09			
100	PI/2 BPSK	1	271		17.16		18.9	0.0
100	PI/2 BPSK	135	0		17.52			
100	PI/2 BPSK	135	69		17.09		18.9	0.0
100	PI/2 BPSK	135	138		17.19			
100	PI/2 BPSK	270	0		17.49		18.9	0.0
100	QPSK	1	1		17.57			
100	QPSK	1	137		17.16		18.9	0.0
100	QPSK	1	271		17.56			
100	QPSK	135	0		17.10		18.9	0.0

100	QPSK	135	69		17.50		18.9	0.0
100	QPSK	135	138		17.44		18.9	0.0
100	QPSK	270	0		17.09		18.9	0.0
100	16QAM	1	1		17.55		18.9	0.0
100	64QAM	1	1		17.05		18.9	0.0
100	256QAM	1	1		17.16		18.9	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.39	17.06	17.37	18.9	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.36	17.10	17.36	18.9	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.31	17.10	17.40	18.9	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.37	17.09	17.38	18.9	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.34	17.05	17.39	18.9	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.41	17.05	17.39	18.9	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.35	17.04	17.34	18.9	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.37	17.04	17.34	18.9	0.0

n41 Ant 0 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	17.0	0.0
100	PI/2 BPSK	1	1	15.35	15.48	15.40		
100	PI/2 BPSK	1	137	15.22	15.42	15.18		
100	PI/2 BPSK	1	271	15.11	15.29	15.07	17.0	0.0
100	PI/2 BPSK	135	0	15.38	15.54	15.38		
100	PI/2 BPSK	135	69	15.20	15.38	15.18		
100	PI/2 BPSK	135	138	15.09	15.21	15.05	17.0	0.0
100	PI/2 BPSK	270	0	15.40	15.56	15.41		
100	QPSK	1	1	15.18	15.72	15.17		
100	QPSK	1	137	15.01	15.23	15.09	17.0	0.0
100	QPSK	1	271	15.36	15.49	15.45		
100	QPSK	135	0	15.18	15.34	15.18		
100	QPSK	135	69	15.10	15.70	15.10	17.0	0.0
100	QPSK	135	138	15.38	15.52	15.44		
100	QPSK	270	0	15.19	15.38	15.25		
100	16QAM	1	1	15.39	15.46	15.43	17.0	0.0
100	64QAM	1	1	15.18	15.40	15.21	17.0	0.0

100	256QAM	1	1	15.03	15.25	15.10	17.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.22	15.37	15.22	17.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.16	15.32	15.24	17.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.19	15.37	15.19	17.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.16	15.32	15.18	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.15	15.39	15.19	17.0	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	15.35	15.23	17.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.23	15.38	15.18	17.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.22	15.41	15.18	17.0	0.0

n41 Ant 5 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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.97	21.19	21.02	22.0	0.0
100	PI/2 BPSK	1	137	20.80	20.97	20.81		
100	PI/2 BPSK	1	271	20.66	20.85	20.69		
100	PI/2 BPSK	135	0	20.71	20.89	20.65	21.5	0.5
100	PI/2 BPSK	135	69	20.96	21.16	20.92	22.0	0.0
100	PI/2 BPSK	135	138	20.52	20.69	20.51	21.5	0.5
100	PI/2 BPSK	270	0	20.72	20.90	20.66		
100	QPSK	1	1	21.04	21.23	21.03	22.0	0.0
100	QPSK	1	137	20.90	21.09	20.88		
100	QPSK	1	271	20.93	21.12	20.94		
100	QPSK	135	0	20.34	20.49	20.27	21.0	1.0
100	QPSK	135	69	20.96	21.02	20.73	22.0	0.0
100	QPSK	135	138	19.85	19.83	19.61	21.0	1.0
100	QPSK	270	0	19.43	19.59	19.41		
100	16QAM	1	1	20.17	20.37	20.16	21.0	1.0
100	64QAM	1	1	18.99	19.19	18.99	19.5	2.5
100	256QAM	1	1	17.11	17.28	17.03	17.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.91	21.15	20.90	22.0	0.0

Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.93	21.17	20.97	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.94	21.17	20.90	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.96	21.15	20.90	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.90	21.17	20.89	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.93	21.16	20.93	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.93	21.10	20.93	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.95	21.13	20.89	22.0	0.0

Part270 n77 PC2 Ant 4 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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.99	15.15	15.05	16.2	0.0
100	PI/2 BPSK	1	137	14.98	15.06	14.86		
100	PI/2 BPSK	1	271	14.98	14.91	14.87		
100	PI/2 BPSK	135	0	15.03	15.11	15.02	16.2	0.0
100	PI/2 BPSK	135	69	15.00	15.03	14.85	16.2	0.0
100	PI/2 BPSK	135	138	14.92	14.90	14.86	16.2	0.0
100	PI/2 BPSK	270	0	14.97	15.10	15.02		
100	QPSK	1	1	14.96	15.20	14.88	16.2	0.0
100	QPSK	1	137	14.98	14.99	14.84		
100	QPSK	1	271	14.97	15.11	15.02		
100	QPSK	135	0	15.02	14.99	14.88	16.2	0.0
100	QPSK	135	69	14.99	15.16	14.80	16.2	0.0
100	QPSK	135	138	14.98	15.10	14.98	16.2	0.0
100	QPSK	270	0	15.02	15.06	14.84		
100	16QAM	1	1	15.00	15.10	15.05	16.2	0.0
100	64QAM	1	1	15.00	15.03	14.90	16.2	0.0
100	256QAM	1	1	14.98	14.94	14.79	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	14.92	14.91	14.86	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	14.91	14.90	14.81	16.2	0.0
Channel				649000	656000	663000	Tune-up	MPR

Frequency (MHz)				3735	3840	3945	limit (dBm)	(dB)
70	QPSK	1	1	14.96	14.90	14.84	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	14.98	14.93	14.81	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	14.91	14.96	14.85	16.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.93	15.00	14.84	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	14.95	14.91	14.86	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	14.93	15.00	14.79	16.2	0.0

Part27Q n77 PC2 Ant 4 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					633334		16.2	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.12		16.2	0.0
100	PI/2 BPSK	1	137		15.05			
100	PI/2 BPSK	1	271		14.95		16.2	0.0
100	PI/2 BPSK	135	0		15.08			
100	PI/2 BPSK	135	69		15.06		16.2	0.0
100	PI/2 BPSK	135	138		14.99			
100	PI/2 BPSK	270	0		15.17		16.2	0.0
100	QPSK	1	1		15.23			
100	QPSK	1	137		15.00		16.2	0.0
100	QPSK	1	271		15.10			
100	QPSK	135	0		14.96		16.2	0.0
100	QPSK	135	69		15.22			
100	QPSK	135	138		15.13		16.2	0.0
100	QPSK	270	0		15.00			
100	16QAM	1	1		15.10		16.2	0.0
100	64QAM	1	1		14.99			
100	256QAM	1	1		14.93		16.2	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	14.92	14.92	14.78		
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.95	14.93	14.79	16.2	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	14.97	14.97	14.80		
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		

60	QPSK	1	1	14.98	14.98	14.79	16.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.90	14.94	14.83	16.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.95	14.92	14.82	16.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.91	14.94	14.80	16.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.96	14.97	14.83	16.2	0.0

Part270 n78 PC2 Ant 4 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		16.2	0.0
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.09		16.2	0.0
100	PI/2 BPSK	1	137		15.04			
100	PI/2 BPSK	1	271		14.99			
100	PI/2 BPSK	135	0		15.08		16.2	0.0
100	PI/2 BPSK	135	69		15.02		16.2	0.0
100	PI/2 BPSK	135	138		14.99		16.2	0.0
100	PI/2 BPSK	270	0		15.14			
100	QPSK	1	1		15.16		16.2	0.0
100	QPSK	1	137		15.00			
100	QPSK	1	271		14.99			
100	QPSK	135	0		15.01		16.2	0.0
100	QPSK	135	69		15.10		16.2	0.0
100	QPSK	135	138		14.91		16.2	0.0
100	QPSK	270	0		15.13			
100	16QAM	1	1		15.15		16.2	0.0
100	64QAM	1	1		15.02		16.2	0.0
100	256QAM	1	1		14.97		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	14.94	14.91	14.83	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	14.90	14.96	14.78	16.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.92	14.96	14.86	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	14.91	14.98	14.83	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	14.94	14.93	14.88	16.2	0.0
Channel				648000	650000	652000	Tune-up	MPR

Frequency (MHz)				3720	3750	3780	limit (dBm)	(dB)
40	QPSK	1	1	14.92	14.96	14.81	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	14.94	14.95	14.85	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	14.93	14.96	14.80	16.2	0.0

Part27Q n78 PC2 Ant 4 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					633334		16.2	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.10		16.2	0.0
100	PI/2 BPSK	1	137		15.02			
100	PI/2 BPSK	1	271		14.90			
100	PI/2 BPSK	135	0		15.10		16.2	0.0
100	PI/2 BPSK	135	69		15.05		16.2	0.0
100	PI/2 BPSK	135	138		14.96		16.2	0.0
100	PI/2 BPSK	270	0		15.12			
100	QPSK	1	1		15.14		16.2	0.0
100	QPSK	1	137		14.99			
100	QPSK	1	271		15.10			
100	QPSK	135	0		15.05		16.2	0.0
100	QPSK	135	69		15.12		16.2	0.0
100	QPSK	135	138		15.10		16.2	0.0
100	QPSK	270	0		15.11			
100	16QAM	1	1		15.08		16.2	0.0
100	64QAM	1	1		15.00		16.2	0.0
100	256QAM	1	1		14.90		16.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.98	14.99	14.84	16.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.93	14.98	14.84	16.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.94	14.94	14.84	16.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.93	14.93	14.84	16.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.91	14.94	14.80	16.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.90	14.91	14.84	16.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		

30	QPSK	1	1	14.95	14.90	14.81	16.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.98	14.92	14.80	16.2	0.0

n41 Ant 6 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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.97	21.19	21.02	22.0	0.0
100	PI/2 BPSK	1	137	20.80	20.97	20.81		
100	PI/2 BPSK	1	271	20.66	20.85	20.69		
100	PI/2 BPSK	135	0	20.71	20.89	20.65	22.0	0.0
100	PI/2 BPSK	135	69	20.96	21.16	20.92	22.0	0.0
100	PI/2 BPSK	135	138	20.52	20.69	20.51	22.0	0.0
100	PI/2 BPSK	270	0	20.72	20.90	20.66		
100	QPSK	1	1	21.14	21.28	21.13	22.0	0.0
100	QPSK	1	137	20.90	21.09	20.88		
100	QPSK	1	271	20.93	21.12	20.94		
100	QPSK	135	0	20.34	20.49	20.27	22.0	0.0
100	QPSK	135	69	20.96	21.12	20.73	22.0	0.0
100	QPSK	135	138	19.85	19.83	19.61	22.0	0.0
100	QPSK	270	0	19.43	19.59	19.41		
100	16QAM	1	1	20.17	20.37	20.16	22.0	0.0
100	64QAM	1	1	18.99	19.19	18.99	22.0	0.0
100	256QAM	1	1	17.11	17.28	17.03	22.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.91	21.15	20.90	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.93	21.17	20.97	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.94	21.17	20.90	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.96	21.15	20.90	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.90	21.17	20.89	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.93	21.16	20.93	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.93	21.10	20.93	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.95	21.13	20.89	22.0	0.0

Part270 n77 Ant 6 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	24.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.14	23.31	23.22		
100	PI/2 BPSK	1	137	23.14	23.20	23.12	24.0	0.0
100	PI/2 BPSK	1	271	23.13	23.20	23.03		
100	PI/2 BPSK	135	0	22.58	22.65	22.55		
100	PI/2 BPSK	135	69	23.13	23.29	23.09	23.5	0.5
100	PI/2 BPSK	135	138	22.54	22.57	22.44	24.0	0.0
100	PI/2 BPSK	270	0	22.55	22.67	22.51		
100	QPSK	1	1	23.23	23.33	23.16		
100	QPSK	1	137	23.11	23.32	23.19	23.0	1.0
100	QPSK	1	271	23.25	23.30	23.17		
100	QPSK	135	0	22.18	22.43	22.31		
100	QPSK	135	69	23.02	23.09	22.96	24.0	0.0
100	QPSK	135	138	21.60	21.72	21.60	23.0	1.0
100	QPSK	270	0	22.58	22.60	22.53		
100	16QAM	1	1	23.08	23.26	23.10		
100	64QAM	1	1	23.00	23.13	23.02	24.0	0.0
100	256QAM	1	1	21.19	21.43	21.26	22.0	2.0
Channel				649668	656000	662334	24.0	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.21	23.32	23.11		
Channel				649334	656000	662668	24.0	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.18	23.28	23.13		
Channel				649000	656000	663000	24.0	0.0
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.25	23.35	23.19		
Channel				648668	656000	663334	24.0	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.21	23.32	23.18		
Channel				648334	656000	663668	24.0	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.28	23.32	23.19		
Channel				648000	656000	664000	24.0	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.20	23.36	23.09		
Channel				647668	656000	664334	24.0	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.24	23.34	23.18		
Channel				647334	656000	664668	24.0	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.16	23.32	23.21		

Part270 n77 PC2 Ant 6 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	23.91	24.04	23.92	25.4	0.0
100	PI/2 BPSK	1	137	24.00	24.00	23.86		
100	PI/2 BPSK	1	271	23.92	23.95	23.74		
100	PI/2 BPSK	135	0	23.97	24.02	24.01	25.4	0.0
100	PI/2 BPSK	135	69	23.98	23.99	23.85	25.4	0.0
100	PI/2 BPSK	135	138	23.84	23.91	23.77	25.4	0.0
100	PI/2 BPSK	270	0	23.96	24.03	23.92		
100	QPSK	1	1	23.97	24.08	23.79	25.4	0.0
100	QPSK	1	137	23.93	23.88	23.81		
100	QPSK	1	271	23.98	24.01	23.95		
100	QPSK	135	0	23.91	23.99	23.85	25.4	0.0
100	QPSK	135	69	23.90	24.05	23.78	25.4	0.0
100	QPSK	135	138	23.98	24.03	24.01	25.4	0.0
100	QPSK	270	0	23.98	24.01	23.78		
100	16QAM	1	1	23.91	23.94	23.77	25.4	0.0
100	64QAM	1	1	22.15	22.20	22.13	24.0	1.4
100	256QAM	1	1	21.19	21.43	21.26	22.5	2.9
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.92	23.92	23.76	25.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.88	23.92	23.77	25.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.91	23.93	23.80	25.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.91	23.94	23.73	25.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.93	23.86	23.81	25.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.92	23.91	23.77	25.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.89	23.87	23.80	25.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.90	23.90	23.76	25.4	0.0

Part27Q n77 Ant 6 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					633334			
Frequency (MHz)					3500.01		24.0	0.0
100	PI/2 BPSK	1	1		23.02			
100	PI/2 BPSK	1	137		22.98			
100	PI/2 BPSK	1	271		23.05			

100	PI/2 BPSK	135	0		22.92		24.0	0.0
100	PI/2 BPSK	135	69		22.98		24.0	0.0
100	PI/2 BPSK	135	138		22.96		24.0	0.0
100	PI/2 BPSK	270	0		22.99			
100	QPSK	1	1		23.09		24.0	0.0
100	QPSK	1	137		23.00			
100	QPSK	1	271		23.05			
100	QPSK	135	0		22.84		24.0	0.0
100	QPSK	135	69		22.91		24.0	0.0
100	QPSK	135	138		22.87		24.0	0.0
100	QPSK	270	0		22.87			
100	16QAM	1	1		22.88		24.0	0.0
100	64QAM	1	1		22.83		24.0	0.0
100	256QAM	1	1		21.05		22.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.95	23.00	22.93	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.88	22.97	22.96	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.92	22.98	22.90	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.89	23.04	22.88	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.89	23.03	22.90	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.84	23.04	22.96	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.89	22.96	22.96	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.89	23.02	22.90	24.0	0.0

Part27Q n77 PC2 Ant 6 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					633334		25.4	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.05		25.4	0.0
100	PI/2 BPSK	1	137		23.99			
100	PI/2 BPSK	1	271		23.92			
100	PI/2 BPSK	135	0		24.08		25.4	0.0
100	PI/2 BPSK	135	69		23.93		25.4	0.0
100	PI/2 BPSK	135	138		23.95		25.4	0.0
100	PI/2 BPSK	270	0		24.13			
100	QPSK	1	1		24.14		25.4	0.0

100	QPSK	1	137		23.89			
100	QPSK	1	271		24.05			
100	QPSK	135	0		23.99		25.4	0.0
100	QPSK	135	69		24.03		25.4	0.0
100	QPSK	135	138		24.01		25.4	0.0
100	QPSK	270	0		23.91			
100	16QAM	1	1		23.94		25.4	0.0
100	64QAM	1	1		23.14		24.0	1.4
100	256QAM	1	1		21.02		22.5	2.9
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.91	23.91	23.77	25.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.93	23.89	23.74	25.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.84	23.85	23.76	25.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.91	23.87	23.73	25.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.92	23.91	23.77	25.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.90	23.91	23.82	25.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.87	23.90	23.75	25.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.93	23.89	23.75	25.4	0.0

Part270 n78 Ant 6 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	24.0	0.0
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.20		24.0	0.0
100	PI/2 BPSK	1	137		23.22			
100	PI/2 BPSK	1	271		23.27			
100	PI/2 BPSK	135	0		23.07		24.0	0.0
100	PI/2 BPSK	135	69		23.18		24.0	0.0
100	PI/2 BPSK	135	138		23.15		24.0	0.0
100	PI/2 BPSK	270	0		23.17			
100	QPSK	1	1		23.28		24.0	0.0
100	QPSK	1	137		23.15			
100	QPSK	1	271		23.21			
100	QPSK	135	0		23.05		24.0	0.0
100	QPSK	135	69		23.16		24.0	0.0
100	QPSK	135	138		23.13		24.0	0.0

100	QPSK	270	0		23.01			
100	16QAM	1	1		23.12		24.0	0.0
100	64QAM	1	1		23.02		24.0	0.0
100	256QAM	1	1		21.21		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	23.15	23.19	23.16	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	23.14	23.18	23.04	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.04	23.18	23.14	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	23.13	23.18	23.07	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	23.12	23.15	23.15	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.15	23.08	23.07	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	23.13	23.13	23.15	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	23.11	23.13	23.10	24.0	0.0

Part270 n78 PC2 Ant 6 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		25.4	0.0
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.00		25.4	0.0
100	PI/2 BPSK	1	137		23.93			
100	PI/2 BPSK	1	271		23.94			
100	PI/2 BPSK	135	0		24.00		25.4	0.0
100	PI/2 BPSK	135	69		23.93		25.4	0.0
100	PI/2 BPSK	135	138		23.87		25.4	0.0
100	PI/2 BPSK	270	0		24.00			
100	QPSK	1	1		24.01		25.4	0.0
100	QPSK	1	137		23.92			
100	QPSK	1	271		24.00			
100	QPSK	135	0		23.92		25.4	0.0
100	QPSK	135	69		23.98		25.4	0.0
100	QPSK	135	138		23.90		25.4	0.0
100	QPSK	270	0		23.95			
100	16QAM	1	1		23.86		25.4	0.0
100	64QAM	1	1		23.69		24.0	1.4
100	256QAM	1	1		21.50		22.5	2.9
Channel				649668	650000	650334	Tune-up	MPR

Frequency (MHz)				3745.02	3750	3755.01	limit (dBm)	(dB)
90	QPSK	1	1	23.86	23.89	23.77	25.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.84	23.95	23.83	25.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.88	23.90	23.78	25.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.92	23.86	23.82	25.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.94	23.95	23.83	25.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.89	23.90	23.75	25.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.91	23.87	23.78	25.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.85	23.88	23.78	25.4	0.0

Part27Q n78 Ant 6 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					633334		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.55		24.0	0.0
100	PI/2 BPSK	1	137		22.53			
100	PI/2 BPSK	1	271		22.62			
100	PI/2 BPSK	135	0		22.39		24.0	0.0
100	PI/2 BPSK	135	69		22.48		24.0	0.0
100	PI/2 BPSK	135	138		22.53		24.0	0.0
100	PI/2 BPSK	270	0		22.46			
100	QPSK	1	1		22.82		24.0	0.0
100	QPSK	1	137		22.57			
100	QPSK	1	271		22.61			
100	QPSK	135	0		22.31		24.0	0.0
100	QPSK	135	69		22.41		24.0	0.0
100	QPSK	135	138		22.21		24.0	0.0
100	QPSK	270	0		22.25			
100	16QAM	1	1		22.38		24.0	0.0
100	64QAM	1	1		22.38		24.0	0.0
100	256QAM	1	1		20.60		22.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.67	22.73	22.71	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		

80	QPSK	1	1	22.65	22.68	22.66	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.65	22.63	22.70	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.61	22.73	22.59	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.56	22.62	22.61	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.62	22.63	22.70	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.63	22.72	22.60	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.65	22.72	22.70	24.0	0.0

Part27Q n78 PC2 Ant 6 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					633334		25.4	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.00		25.4	0.0
100	PI/2 BPSK	1	137		23.96			
100	PI/2 BPSK	1	271		23.95			
100	PI/2 BPSK	135	0		24.00		25.4	0.0
100	PI/2 BPSK	135	69		23.95		25.4	0.0
100	PI/2 BPSK	135	138		23.86		25.4	0.0
100	PI/2 BPSK	270	0		24.00			
100	QPSK	1	1		24.02		25.4	0.0
100	QPSK	1	137		23.90			
100	QPSK	1	271		24.00			
100	QPSK	135	0		23.97		25.4	0.0
100	QPSK	135	69		23.98		25.4	0.0
100	QPSK	135	138		23.90		25.4	0.0
100	QPSK	270	0		23.92			
100	16QAM	1	1		23.95		25.4	0.0
100	64QAM	1	1		22.55		24.0	1.4
100	256QAM	1	1		20.95		22.5	2.9
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.88	23.86	23.80	25.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.90	23.91	23.79	25.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.90	23.92	23.82	25.4	0.0
Channel				632000	633334	634668	Tune-up	MPR

Frequency (MHz)				3480	3500.01	3520.02	limit (dBm)	(dB)
60	QPSK	1	1	23.92	23.87	23.82	25.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.85	23.93	23.74	25.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.93	23.90	23.82	25.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.93	23.86	23.81	25.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.94	23.86	23.80	25.4	0.0

n5 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				166800	167300	167800	23.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.84	22.04	21.95		
20	PI/2 BPSK	1	53	21.76	21.86	21.62	22.5	0.5
20	PI/2 BPSK	1	104	21.59	21.74	21.71		
20	PI/2 BPSK	50	0	21.22	21.31	21.23		
20	PI/2 BPSK	50	28	21.65	21.72	21.67	22.5	0.5
20	PI/2 BPSK	50	56	21.05	21.23	20.95		
20	PI/2 BPSK	100	0	21.29	21.42	21.15		
20	QPSK	1	1	21.99	22.09	21.88	23.0	0.0
20	QPSK	1	53	21.79	21.89	21.80		
20	QPSK	1	104	21.47	21.77	21.62		
20	QPSK	50	0	20.73	20.82	20.70	22.0	1.0
20	QPSK	50	28	21.63	21.98	21.65		
20	QPSK	50	56	20.47	20.67	20.59		
20	QPSK	100	0	20.64	20.91	20.65	22.0	1.0
20	16QAM	1	1	20.74	20.76	20.57		
20	64QAM	1	1	19.07	19.47	19.09		
20	256QAM	1	1	17.15	17.51	17.18	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.80	22.00	21.81	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.84	22.02	21.61	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.85	21.92	21.74	23.0	0.0

n26 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.85	21.87	21.74	23.0	0.0
20	PI/2 BPSK	1	53	21.79	21.97	21.94		
20	PI/2 BPSK	1	104	21.74	21.80	21.69		
20	PI/2 BPSK	50	0	21.30	21.49	21.37	22.5	0.5
20	PI/2 BPSK	50	28	21.93	22.04	22.05	23.0	0.0
20	PI/2 BPSK	50	56	21.37	21.41	21.36	22.5	0.5
20	PI/2 BPSK	100	0	21.43	21.48	21.45		
20	QPSK	1	1	21.97	22.11	21.90	23.0	0.0
20	QPSK	1	53	22.03	22.09	21.99		
20	QPSK	1	104	21.90	21.98	21.81		
20	QPSK	50	0	20.96	20.96	20.78	22.0	1.0
20	QPSK	50	28	21.83	22.03	22.01	23.0	0.0
20	QPSK	50	56	20.90	20.98	20.82	22.0	1.0
20	QPSK	100	0	20.95	20.97	20.75		
20	16QAM	1	1	20.82	20.86	20.78	22.0	1.0
20	64QAM	1	1	19.74	19.86	19.88	20.5	2.5
20	256QAM	1	1	17.29	17.34	17.32	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.78	21.93	21.88	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.74	21.89	21.91	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.70	21.97	21.74	23.0	0.0

n71 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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.86	22.17	22.02	23.0	0.0
20	PI/2 BPSK	1	53	21.84	22.08	21.87		
20	PI/2 BPSK	1	104	21.88	21.95	21.76		
20	PI/2 BPSK	50	0	21.32	21.66	21.30	22.5	0.5
20	PI/2 BPSK	50	28	21.72	22.08	21.85	23.0	0.0
20	PI/2 BPSK	50	56	21.23	21.52	21.17	22.5	0.5
20	PI/2 BPSK	100	0	21.42	21.62	21.38		
20	QPSK	1	1	22.01	22.37	22.00	23.0	0.0
20	QPSK	1	53	21.94	22.04	21.94		
20	QPSK	1	104	21.77	22.11	21.82		
20	QPSK	50	0	20.85	21.09	20.80	22.0	1.0
20	QPSK	50	28	21.85	22.07	21.84	23.0	0.0
20	QPSK	50	56	20.80	20.97	20.63	22.0	1.0
20	QPSK	100	0	20.84	20.92	20.89		
20	16QAM	1	1	20.60	20.92	20.75	22.0	1.0
20	64QAM	1	1	19.36	19.41	19.35	20.5	2.5
20	256QAM	1	1	17.11	17.33	17.31	18.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		

15	QPSK	1	1	21.93	22.05	21.98	23.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	21.95	22.12	21.79	23.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	21.81	22.14	21.96	23.0	0.0

Reduced Power Mode for DSI 4

n5 Ant 0 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.01	23.21	23.02		
20	PI/2 BPSK	1	53	22.82	23.02	22.85	24.0	0.0
20	PI/2 BPSK	1	104	22.64	22.88	22.71		
20	PI/2 BPSK	50	0	22.27	22.50	22.32		
20	PI/2 BPSK	50	28	22.79	22.96	22.76	24.0	0.0
20	PI/2 BPSK	50	56	22.17	22.33	22.10	23.5	0.5
20	PI/2 BPSK	100	0	22.31	22.49	22.26		
20	QPSK	1	1	23.08	23.27	23.06		
20	QPSK	1	53	22.91	23.12	22.96	24.0	0.0
20	QPSK	1	104	22.69	22.93	22.71		
20	QPSK	50	0	21.83	21.99	21.79		
20	QPSK	50	28	22.76	22.99	22.84	24.0	0.0
20	QPSK	50	56	21.71	21.87	21.72	23.0	1.0
20	QPSK	100	0	21.69	21.94	21.75		
20	16QAM	1	1	21.77	21.93	21.71		
20	64QAM	1	1	20.28	20.51	20.31	21.5	2.5
20	256QAM	1	1	18.33	18.51	18.32	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.91	23.03	22.82	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.85	23.10	22.85	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	22.90	23.10	22.89	24.0	0.0

n26 Ant 0 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.63	22.88	22.67		
20	PI/2 BPSK	1	53	22.67	22.82	22.58	24.0	0.0
20	PI/2 BPSK	1	104	22.57	22.78	22.57		
20	PI/2 BPSK	50	0	22.15	22.31	22.14		
20	PI/2 BPSK	50	28	22.56	22.79	22.59	24.0	0.0
20	PI/2 BPSK	50	56	21.98	22.16	21.98	23.5	0.5

20	PI/2 BPSK	100	0	22.03	22.24	22.01		
20	QPSK	1	1	22.75	22.95	22.72	24.0	0.0
20	QPSK	1	53	22.67	22.88	22.72		
20	QPSK	1	104	22.62	22.84	22.61		
20	QPSK	50	0	21.65	21.82	21.61	23.0	1.0
20	QPSK	50	28	22.54	22.78	22.57	24.0	0.0
20	QPSK	50	56	21.46	21.68	21.50	23.0	1.0
20	QPSK	100	0	21.62	21.78	21.63		
20	16QAM	1	1	21.44	21.68	21.47	23.0	1.0
20	64QAM	1	1	19.97	20.21	19.97	21.5	2.5
20	256QAM	1	1	18.01	18.21	18.02	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.56	22.75	22.47	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.57	22.76	22.53	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	22.55	22.74	22.50	24.0	0.0

n71 Ant 0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.98	23.15	22.97	24.0	0.0
20	PI/2 BPSK	1	53	22.88	23.06	22.91		
20	PI/2 BPSK	1	104	22.83	22.99	22.79		
20	PI/2 BPSK	50	0	22.45	22.61	22.42	23.5	0.5
20	PI/2 BPSK	50	28	22.79	23.02	22.86	24.0	0.0
20	PI/2 BPSK	50	56	22.29	22.44	22.22	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.57	22.35		
20	QPSK	1	1	23.12	23.34	23.10	24.0	0.0
20	QPSK	1	53	22.95	23.15	22.99		
20	QPSK	1	104	22.84	23.05	22.84		
20	QPSK	50	0	21.91	22.13	21.93	23.0	1.0
20	QPSK	50	28	22.82	23.07	22.83	24.0	0.0
20	QPSK	50	56	21.74	21.94	21.76	23.0	1.0
20	QPSK	100	0	21.79	22.02	21.84		
20	16QAM	1	1	21.72	21.96	21.75	23.0	1.0
20	64QAM	1	1	20.33	20.48	20.33	21.5	2.5
20	256QAM	1	1	18.23	18.46	18.24	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.94	23.16	22.91	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.91	23.18	22.92	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.92	23.09	22.85	24.0	0.0

n2 Ant 2 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.94	19.18	19.01		
20	PI/2 BPSK	1	53	18.91	19.12	18.92	20.4	0.0
20	PI/2 BPSK	1	104	18.87	19.06	18.88		
20	PI/2 BPSK	50	0	18.82	18.56	18.89		
20	PI/2 BPSK	50	28	18.90	19.05	18.85	20.4	0.0
20	PI/2 BPSK	50	56	18.64	18.51	18.84	20.4	0.0
20	PI/2 BPSK	100	0	18.53	18.53	18.68		
20	QPSK	1	1	18.98	19.28	19.00		
20	QPSK	1	53	19.01	19.17	18.94	20.4	0.0
20	QPSK	1	104	18.85	19.09	18.85		
20	QPSK	50	0	18.51	18.67	18.44		
20	QPSK	50	28	19.09	19.25	19.01	20.4	0.0
20	QPSK	50	56	18.47	18.62	18.41	20.4	0.0
20	QPSK	100	0	18.48	18.70	18.50		
20	16QAM	1	1	18.65	18.53	18.64		
20	64QAM	1	1	19.26	19.17	19.17	20.4	0.0
20	256QAM	1	1	17.93	18.12	17.97	19.5	0.9
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.82	19.04	18.76	20.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.82	19.10	18.82	20.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.75	19.09	18.78	20.4	0.0

n66 Ant 2 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.72	19.89	19.73	21.1	0.0
40	PI/2 BPSK	1	108	19.57	19.82	19.59		
40	PI/2 BPSK	1	214	19.63	19.88	19.65		
40	PI/2 BPSK	108	0	19.11	19.28	19.34	21.1	0.0
40	PI/2 BPSK	108	54	19.67	19.82	19.64	21.1	0.0
40	PI/2 BPSK	108	108	19.16	19.36	19.20	21.1	0.0
40	PI/2 BPSK	216	0	19.11	19.33	19.15		
40	QPSK	1	1	19.74	19.91	19.69		
40	QPSK	1	108	19.69	19.85	19.63	21.1	0.0
40	QPSK	1	214	19.73	19.89	19.71		
40	QPSK	108	0	19.61	19.82	19.63		
40	QPSK	108	54	19.68	19.87	19.68	21.1	0.0
40	QPSK	108	108	19.56	19.78	19.59	21.1	0.0
40	QPSK	216	0	19.52	19.73	19.55		
40	16QAM	1	1	19.33	19.57	19.39		
40	64QAM	1	1	19.38	19.62	19.45	21.1	0.0

40	256QAM	1	1	17.90	18.11	17.88	19.5	1.6
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.55	19.75	19.51	21.1	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.50	19.72	19.49	21.1	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.54	19.72	19.47	21.1	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.55	19.73	19.46	21.1	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.52	19.66	19.45	21.1	0.0

Part270 n77 Ant 2 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	21.6	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.86	19.89	19.91	21.6	0.0
100	PI/2 BPSK	1	137	19.81	19.93	19.79		
100	PI/2 BPSK	1	271	19.96	20.02	19.85		
100	PI/2 BPSK	135	0	20.06	20.10	20.00	21.6	0.0
100	PI/2 BPSK	135	69	19.82	19.89	19.70	21.6	0.0
100	PI/2 BPSK	135	138	19.89	19.83	19.78	21.6	0.0
100	PI/2 BPSK	270	0	20.06	20.10	20.00		
100	QPSK	1	1	20.02	20.23	20.10	21.6	0.0
100	QPSK	1	137	20.01	19.94	19.99		
100	QPSK	1	271	20.09	20.15	20.03		
100	QPSK	135	0	19.78	19.95	19.80	21.6	0.0
100	QPSK	135	69	19.96	20.03	20.02	21.6	0.0
100	QPSK	135	138	19.79	19.94	19.83	21.6	0.0
100	QPSK	270	0	19.97	19.98	19.97		
100	16QAM	1	1	19.86	20.10	19.97	21.6	0.0
100	64QAM	1	1	20.11	20.08	20.16	21.6	0.0
100	256QAM	1	1	19.85	19.90	19.93	21.0	0.6
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.90	20.09	20.03	21.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.95	20.12	20.04	21.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.96	20.15	19.98	21.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.96	20.16	19.98	21.6	0.0

Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.92	20.13	20.03	21.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.87	20.10	20.02	21.6	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	20.15	20.00	21.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.96	20.09	19.95	21.6	0.0

Part27Q n77 Ant 2 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.83		21.6	0.0
100	PI/2 BPSK	1	137		19.78			
100	PI/2 BPSK	1	271		19.85			
100	PI/2 BPSK	135	0		19.89		21.6	0.0
100	PI/2 BPSK	135	69		19.73		21.6	0.0
100	PI/2 BPSK	135	138		19.79		21.6	0.0
100	PI/2 BPSK	270	0		20.04			
100	QPSK	1	1		20.19		21.6	0.0
100	QPSK	1	137		19.82			
100	QPSK	1	271		20.02			
100	QPSK	135	0		19.87		21.6	0.0
100	QPSK	135	69		19.97		21.6	0.0
100	QPSK	135	138		19.81		21.6	0.0
100	QPSK	270	0		19.91			
100	16QAM	1	1		19.98		21.6	0.0
100	64QAM	1	1		19.95		21.6	0.0
100	256QAM	1	1		19.77		21.0	0.6
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.75	20.02	19.81	21.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.74	19.96	19.80	21.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.70	19.97	19.80	21.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.76	20.02	19.78	21.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.73	19.94	19.80	21.6	0.0
Channel				631334	633334	635334	Tune-up	MPR

Frequency (MHz)				3470.01	3500.01	3530.01	limit (dBm)	(dB)
40	QPSK	1	1	19.75	19.96	19.74	21.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.78	19.94	19.81	21.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.70	19.97	19.82	21.6	0.0

Part270 n78 Ant 2 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1	19.71	19.75	19.86	21.6	0.0
100	PI/2 BPSK	1	137	19.76	19.81	19.72		
100	PI/2 BPSK	1	271	19.88	19.96	19.72		
100	PI/2 BPSK	135	0	20.00	20.05	19.91	21.6	0.0
100	PI/2 BPSK	135	69	19.68	19.76	19.64	21.6	0.0
100	PI/2 BPSK	135	138	19.82	19.72	19.70	21.6	0.0
100	PI/2 BPSK	270	0	19.93	20.03	19.90		
100	QPSK	1	1	19.96	20.18	20.02	21.6	0.0
100	QPSK	1	137	19.95	19.82	19.88		
100	QPSK	1	271	19.96	20.04	19.96		
100	QPSK	135	0	19.66	19.82	19.74	21.6	0.0
100	QPSK	135	69	19.83	19.91	19.61	21.6	0.0
100	QPSK	135	138	19.70	19.83	19.73	21.6	0.0
100	QPSK	270	0	19.87	19.88	19.86		
100	16QAM	1	1	19.79	20.02	19.85	21.6	0.0
100	64QAM	1	1	19.99	20.01	20.10	21.6	0.0
100	256QAM	1	1	19.78	19.76	19.81	21.0	0.6
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.79	20.02	19.86	21.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.82	20.00	19.89	21.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.81	19.99	19.85	21.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.78	20.05	19.85	21.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.78	19.99	19.90	21.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.78	20.00	19.89	21.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		

30	QPSK	1	1	19.80	20.02	19.90	21.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.86	20.00	19.84	21.6	0.0

Part27Q n78 Ant 2 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.87		21.6	0.0
100	PI/2 BPSK	1	137		19.65			
100	PI/2 BPSK	1	271		19.79			
100	PI/2 BPSK	135	0		19.85		21.6	0.0
100	PI/2 BPSK	135	69		19.63		21.6	0.0
100	PI/2 BPSK	135	138		19.74		21.6	0.0
100	PI/2 BPSK	270	0		19.92			
100	QPSK	1	1		20.12		21.6	0.0
100	QPSK	1	137		19.66			
100	QPSK	1	271		19.93			
100	QPSK	135	0		19.63		21.6	0.0
100	QPSK	135	69		19.79		21.6	0.0
100	QPSK	135	138		19.70		21.6	0.0
100	QPSK	270	0		19.76			
100	16QAM	1	1		19.89		21.6	0.0
100	64QAM	1	1		19.83		21.6	0.0
100	256QAM	1	1		19.61		21.0	0.6
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.77	20.01	19.83	21.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.83	20.04	19.85	21.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.83	20.02	19.86	21.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.77	20.07	19.86	21.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.79	20.07	19.84	21.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.78	20.02	19.82	21.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.80	20.08	19.89	21.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.78	20.02	19.86	21.6	0.0

n7 Ant 3 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	18.8	0.0
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.45	17.60	17.53		
40	PI/2 BPSK	1	108	17.53	17.71	17.46	18.8	0.0
40	PI/2 BPSK	1	214	17.40	17.46	17.40		
40	PI/2 BPSK	108	0	17.43	17.78	17.60		
40	PI/2 BPSK	108	54	17.54	17.63	17.50	18.8	0.0
40	PI/2 BPSK	108	108	17.40	17.64	17.46	18.8	0.0
40	PI/2 BPSK	216	0	17.53	17.74	17.60		
40	QPSK	1	1	17.56	17.90	17.42		
40	QPSK	1	108	17.47	17.57	17.40	18.8	0.0
40	QPSK	1	214	17.56	17.70	17.50		
40	QPSK	108	0	17.56	17.68	17.48		
40	QPSK	108	54	17.40	17.88	17.37	18.8	0.0
40	QPSK	108	108	17.45	17.56	17.62	18.8	0.0
40	QPSK	216	0	17.53	17.74	17.38		
40	16QAM	1	1	17.48	17.75	17.51		
40	64QAM	1	1	17.48	17.66	17.48	18.8	0.0
40	256QAM	1	1	17.49	17.46	17.47	18.8	0.0
Channel				503000	507000	511000	18.8	0.0
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.53	17.77	17.39		
Channel				502500	507000	511500	18.8	0.0
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.48	17.81	17.45		
Channel				502000	507000	512000	18.8	0.0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.51	17.87	17.34		
Channel				501500	507000	512500	18.8	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.49	17.79	17.40		
Channel				501000	507000	513000	18.8	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.54	17.80	17.27		
Channel				500500	507000	513500	18.8	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.57	17.77	17.39		

n38 Ant 3 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	19.8	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.94	18.15	18.13		
40	PI/2 BPSK	1	53	17.96	18.17	17.85	19.8	0.0
40	PI/2 BPSK	1	104	18.10	18.22	18.10		
40	PI/2 BPSK	50	0	18.12	17.99	18.15		

40	PI/2 BPSK	50	28	18.08	18.27	18.04	19.8	0.0
40	PI/2 BPSK	50	56	18.21	18.27	18.06	19.8	0.0
40	PI/2 BPSK	100	0	18.12	18.19	18.13		
40	QPSK	1	1	18.20	18.41	18.17	19.8	0.0
40	QPSK	1	53	18.24	18.18	18.01		
40	QPSK	1	104	17.92	18.23	18.09		
40	QPSK	50	0	18.09	18.07	17.94	19.8	0.0
40	QPSK	50	28	18.04	18.23	17.96	19.8	0.0
40	QPSK	50	56	17.90	18.18	18.06	19.8	0.0
40	QPSK	100	0	18.01	18.32	17.86		
40	16QAM	1	1	18.02	18.21	18.22	19.8	0.0
40	64QAM	1	1	18.21	18.28	18.18	19.8	0.0
40	256QAM	1	1	17.57	17.77	17.65	19.5	0.3
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.14	18.34	18.02	19.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.97	18.27	17.98	19.8	0.0

n41 Ant 3 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.18	18.35	18.27	19.8	0.0
100	PI/2 BPSK	1	137	18.09	18.29	18.10		
100	PI/2 BPSK	1	271	18.17	18.41	18.22		
100	PI/2 BPSK	135	0	18.29	18.24	18.35	19.8	0.0
100	PI/2 BPSK	135	69	18.15	18.40	18.17	19.8	0.0
100	PI/2 BPSK	135	138	18.34	18.50	18.22	19.8	0.0
100	PI/2 BPSK	270	0	18.20	18.26	18.27		
100	QPSK	1	1	18.38	18.54	18.31	19.8	0.0
100	QPSK	1	137	18.35	18.38	18.15		
100	QPSK	1	271	18.09	18.37	18.28		
100	QPSK	135	0	18.24	18.28	18.13	19.8	0.0
100	QPSK	135	69	18.27	18.33	18.12	19.8	0.0
100	QPSK	135	138	18.13	18.32	18.20	19.8	0.0
100	QPSK	270	0	18.17	18.45	18.05		
100	16QAM	1	1	18.09	18.36	18.43	19.8	0.0
100	64QAM	1	1	18.32	18.43	18.31	19.5	0.3
100	256QAM	1	1	17.81	17.98	17.73	19.5	0.3
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.41	18.44	18.27	19.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.28	18.52	18.33	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	18.43	18.51	18.23	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	18.36	18.50	18.20	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	18.28	18.48	18.32	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	18.33	18.43	18.24	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	18.27	18.44	18.19	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	18.42	18.48	18.26	19.8	0.0

Part270 n77 Ant 3 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	19.2	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.68	17.98	17.83	19.2	0.0
100	PI/2 BPSK	1	137	17.69	17.83	17.68		
100	PI/2 BPSK	1	271	17.83	17.90	17.78		
100	PI/2 BPSK	135	0	17.74	17.83	17.77	19.2	0.0
100	PI/2 BPSK	135	69	17.73	17.97	17.73	19.2	0.0
100	PI/2 BPSK	135	138	17.83	17.97	17.82	19.2	0.0
100	PI/2 BPSK	270	0	17.70	17.85	17.82		
100	QPSK	1	1	17.75	18.00	17.74	19.2	0.0
100	QPSK	1	137	17.77	17.95	17.72		
100	QPSK	1	271	17.72	17.85	17.82		
100	QPSK	135	0	17.71	17.86	17.64	19.2	0.0
100	QPSK	135	69	17.86	17.91	17.67	19.2	0.0
100	QPSK	135	138	17.68	17.87	17.80	19.2	0.0
100	QPSK	270	0	17.66	17.88	17.61		
100	16QAM	1	1	17.72	17.90	17.90	19.2	0.0
100	64QAM	1	1	17.76	17.91	17.84	19.2	0.0
100	256QAM	1	1	17.72	17.89	17.83	19.2	0.0
Channel				649668	656000	662334	19.2	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.60	17.83	17.57	19.2	0.0
Channel				649334	656000	662668	19.2	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.56	17.75	17.57	19.2	0.0
Channel				649000	656000	663000	19.2	0.0
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.56	17.80	17.54	19.2	0.0
Channel				648668	656000	663334	19.2	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.56	17.77	17.49	19.2	0.0
Channel				648334	656000	663668	19.2	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.53	17.76	17.52	19.2	0.0
Channel				648000	656000	664000	Tune-up	MPR

Frequency (MHz)				3720	3840	3960	limit (dBm)	(dB)
40	QPSK	1	1	17.55	17.85	17.51	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	17.58	17.81	17.50	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	17.60	17.80	17.59	19.2	0.0

Part27Q n77 Ant 3 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		19.2	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.84		19.2	0.0
100	PI/2 BPSK	1	137		17.75			
100	PI/2 BPSK	1	271		17.78			
100	PI/2 BPSK	135	0		17.72		19.2	0.0
100	PI/2 BPSK	135	69		17.90		19.2	0.0
100	PI/2 BPSK	135	138		17.85		19.2	0.0
100	PI/2 BPSK	270	0		17.70			
100	QPSK	1	1		17.98		19.2	0.0
100	QPSK	1	137		17.84			
100	QPSK	1	271		17.78			
100	QPSK	135	0		17.77		19.2	0.0
100	QPSK	135	69		17.83		19.2	0.0
100	QPSK	135	138		17.77		19.2	0.0
100	QPSK	270	0		17.75			
100	16QAM	1	1		17.83		19.2	0.0
100	64QAM	1	1		17.78		19.2	0.0
100	256QAM	1	1		17.78		19.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.61	17.89	17.65	19.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.63	17.86	17.69	19.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.69	17.88	17.65	19.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.68	17.87	17.61	19.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.61	17.88	17.60	19.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.66	17.90	17.65	19.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		

30	QPSK	1	1	17.61	17.90	17.66	19.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.67	17.87	17.64	19.2	0.0

Part270 n78 PC2 Ant 3 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000		19.2	0.0
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.91		19.2	0.0
100	PI/2 BPSK	1	137		17.73			
100	PI/2 BPSK	1	271		17.75			
100	PI/2 BPSK	135	0		17.70		19.2	0.0
100	PI/2 BPSK	135	69		17.89		19.2	0.0
100	PI/2 BPSK	135	138		17.81		19.2	0.0
100	PI/2 BPSK	270	0		17.76			
100	QPSK	1	1		17.92		19.2	0.0
100	QPSK	1	137		17.79			
100	QPSK	1	271		17.70			
100	QPSK	135	0		17.74		19.2	0.0
100	QPSK	135	69		17.77		19.2	0.0
100	QPSK	135	138		17.74		19.2	0.0
100	QPSK	270	0		17.77			
100	16QAM	1	1		17.83		19.2	0.0
100	64QAM	1	1		17.82		19.2	0.0
100	256QAM	1	1		17.79		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	17.57	17.75	17.70	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	17.64	17.78	17.70	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	17.77	17.75	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	17.64	17.78	17.76	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	17.63	17.75	17.73	19.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.56	17.77	17.73	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	17.59	17.78	17.70	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	17.61	17.76	17.74	19.2	0.0

Part27Q n78 Ant 3 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		19.2	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.76		19.2	0.0
100	PI/2 BPSK	1	137		17.60			
100	PI/2 BPSK	1	271		17.68			
100	PI/2 BPSK	135	0		17.64		19.2	0.0
100	PI/2 BPSK	135	69		17.83		19.2	0.0
100	PI/2 BPSK	135	138		17.71		19.2	0.0
100	PI/2 BPSK	270	0		17.54			
100	QPSK	1	1		17.85		19.2	0.0
100	QPSK	1	137		17.75			
100	QPSK	1	271		17.67			
100	QPSK	135	0		17.68		19.2	0.0
100	QPSK	135	69		17.70		19.2	0.0
100	QPSK	135	138		17.64		19.2	0.0
100	QPSK	270	0		17.64			
100	16QAM	1	1		17.70		19.2	0.0
100	64QAM	1	1		17.71		19.2	0.0
100	256QAM	1	1		17.69		19.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.61	17.81	17.74	19.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.62	17.80	17.67	19.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.55	17.72	17.73	19.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.61	17.80	17.70	19.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.63	17.76	17.71	19.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.55	17.77	17.75	19.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.55	17.73	17.71	19.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.60	17.81	17.69	19.2	0.0

n41 Ant 0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
----------	------------	---------	-----------	-----------------------	--------------------------	------------------------	---------------------	----------

Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.37	22.51	22.42	24.0	0.0
100	PI/2 BPSK	1	137	22.20	22.37	22.21		
100	PI/2 BPSK	1	271	22.06	22.25	22.09		
100	PI/2 BPSK	135	0	22.11	22.29	22.05	23.5	0.5
100	PI/2 BPSK	135	69	22.36	22.56	22.32	24.0	0.0
100	PI/2 BPSK	135	138	21.92	22.09	21.91	23.5	0.5
100	PI/2 BPSK	270	0	22.12	22.30	22.06		
100	QPSK	1	1	22.44	22.59	22.43		
100	QPSK	1	137	22.30	22.49	22.28	24.0	0.0
100	QPSK	1	271	22.33	22.52	22.34		
100	QPSK	135	0	21.74	21.89	21.67		
100	QPSK	135	69	22.36	22.42	22.13	24.0	0.0
100	QPSK	135	138	21.25	21.23	21.01	23.0	1.0
100	QPSK	270	0	21.43	21.59	21.41		
100	16QAM	1	1	21.57	21.77	21.56		
100	64QAM	1	1	19.69	19.89	19.69	21.5	2.5
100	256QAM	1	1	17.81	17.98	17.73	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.31	22.55	22.30	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.33	22.57	22.37	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	22.34	22.57	22.30	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	22.36	22.55	22.30	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	22.30	22.57	22.29	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	22.33	22.56	22.33	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	22.33	22.50	22.33	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	22.35	22.53	22.29	24.0	0.0

n41 Ant 5 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640	20.7	0.0
100	PI/2 BPSK	1	1	19.66	19.87	19.87		
100	PI/2 BPSK	1	137	19.65	19.72	19.65		
100	PI/2 BPSK	1	271	19.45	19.63	19.49		

100	PI/2 BPSK	135	0	19.53	19.62	19.32	20.7	0.0
100	PI/2 BPSK	135	69	19.72	19.91	19.75	20.7	0.0
100	PI/2 BPSK	135	138	19.27	19.37	19.21	20.7	0.0
100	PI/2 BPSK	270	0	19.38	19.69	19.35		
100	QPSK	1	1	19.71	19.98	19.84	20.7	0.0
100	QPSK	1	137	19.69	19.79	19.57		
100	QPSK	1	271	19.64	19.84	19.78		
100	QPSK	135	0	19.17	19.22	18.94	20.7	0.0
100	QPSK	135	69	19.71	19.77	19.55	20.7	0.0
100	QPSK	135	138	19.45	19.63	19.49	20.7	0.0
100	QPSK	270	0	19.53	19.62	19.32		
100	16QAM	1	1	18.87	19.03	19.01	20.7	0.0
100	64QAM	1	1	18.99	19.19	18.99	19.5	1.2
100	256QAM	1	1	17.11	17.28	17.03	17.5	3.2
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.51	19.81	19.64	20.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.50	19.78	19.65	20.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.48	19.76	19.68	20.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.51	19.79	19.67	20.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.51	19.78	19.64	20.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.53	19.73	19.66	20.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.56	19.82	19.66	20.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.47	19.78	19.65	20.7	0.0

Part270 n77 Ant 4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	21.8	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.91	21.04	20.99		
100	PI/2 BPSK	1	137	20.91	20.97	20.89	21.8	0.0
100	PI/2 BPSK	1	271	20.90	20.97	20.80		
100	PI/2 BPSK	135	0	20.35	20.42	20.32	21.8	0.0
100	PI/2 BPSK	135	69	20.90	21.06	20.86	21.8	0.0
100	PI/2 BPSK	135	138	20.31	20.34	20.21	21.8	0.0
100	PI/2 BPSK	270	0	20.32	20.44	20.28		
100	QPSK	1	1	21.00	21.15	20.93	21.8	0.0

100	QPSK	1	137	20.88	21.09	20.96		
100	QPSK	1	271	21.02	21.07	20.94		
100	QPSK	135	0	19.95	20.20	20.08	21.8	0.0
100	QPSK	135	69	20.79	20.86	20.73	21.8	0.0
100	QPSK	135	138	20.37	20.49	20.37		
100	QPSK	270	0	20.35	20.37	20.30	21.8	0.0
100	16QAM	1	1	20.85	21.03	20.87	21.8	0.0
100	64QAM	1	1	20.77	20.90	20.79	21.8	0.0
100	256QAM	1	1	20.19	20.43	20.26	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	20.94	20.91	20.65	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	20.88	20.91	20.66	21.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.80	21.06	20.73	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	20.96	20.98	20.69	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	20.79	20.97	20.71	21.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.85	20.88	20.79	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	20.85	20.97	20.76	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	20.89	20.94	20.72	21.8	0.0

Part27Q n77 Ant 4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.90		21.8	0.0
100	PI/2 BPSK	1	137		20.86			
100	PI/2 BPSK	1	271		20.93			
100	PI/2 BPSK	135	0		20.80		21.8	0.0
100	PI/2 BPSK	135	69		20.86		21.8	0.0
100	PI/2 BPSK	135	138		20.84		21.8	0.0
100	PI/2 BPSK	270	0		20.87			
100	QPSK	1	1		21.09		21.8	0.0
100	QPSK	1	137		20.88			
100	QPSK	1	271		20.93			
100	QPSK	135	0		20.72		21.8	0.0
100	QPSK	135	69		20.79		21.8	0.0
100	QPSK	135	138		20.75		21.8	0.0

100	QPSK	270	0		20.75			
100	16QAM	1	1		20.76		21.8	0.0
100	64QAM	1	1		20.71		21.8	0.0
100	256QAM	1	1		20.05		21.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.83	21.07	20.75	21.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.85	20.99	20.81	21.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.94	20.94	20.68	21.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.84	20.90	20.65	21.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.96	21.02	20.83	21.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.80	20.99	20.83	21.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.83	20.98	20.70	21.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.99	20.89	20.76	21.8	0.0

Part270 n78 Ant 4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000		21.8	0.0
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.81		21.8	0.0
100	PI/2 BPSK	1	137		20.70			
100	PI/2 BPSK	1	271		20.75			
100	PI/2 BPSK	135	0		20.18		21.8	0.0
100	PI/2 BPSK	135	69		20.67		21.8	0.0
100	PI/2 BPSK	135	138		20.08		21.8	0.0
100	PI/2 BPSK	270	0		20.19			
100	QPSK	1	1		20.83		21.8	0.0
100	QPSK	1	137		20.81			
100	QPSK	1	271		20.79			
100	QPSK	135	0		19.91		21.8	0.0
100	QPSK	135	69		20.58		21.8	0.0
100	QPSK	135	138		20.28		21.8	0.0
100	QPSK	270	0		20.12			
100	16QAM	1	1		20.77		21.8	0.0
100	64QAM	1	1		20.68		21.8	0.0
100	256QAM	1	1		20.18		21.8	0.0
Channel				649668	650000	650334	Tune-up	MPR

Frequency (MHz)				3745.02	3750	3755.01	limit (dBm)	(dB)
90	QPSK	1	1	20.58	20.75	20.58	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	20.70	20.59	20.48	21.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.55	20.79	20.57	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	20.58	20.65	20.44	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	20.71	20.77	20.41	21.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.66	20.69	20.57	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	20.70	20.79	20.48	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	20.70	20.66	20.56	21.8	0.0

Part27Q n78 Ant 4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		21.8	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.77		21.8	0.0
100	PI/2 BPSK	1	137		20.77			
100	PI/2 BPSK	1	271		20.69			
100	PI/2 BPSK	135	0		20.16		21.8	0.0
100	PI/2 BPSK	135	69		20.64		21.8	0.0
100	PI/2 BPSK	135	138		20.01		21.8	0.0
100	PI/2 BPSK	270	0		19.99			
100	QPSK	1	1		20.82			
100	QPSK	1	137		20.65		21.8	0.0
100	QPSK	1	271		20.80			
100	QPSK	135	0		19.93			
100	QPSK	135	69		20.56		21.8	0.0
100	QPSK	135	138		20.22		21.8	0.0
100	QPSK	270	0		20.14			
100	16QAM	1	1		20.60			
100	64QAM	1	1		20.59		21.8	0.0
100	256QAM	1	1		20.02		21.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.69	20.80	20.60	21.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		

80	QPSK	1	1	20.58	20.79	20.72	21.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.62	20.73	20.69	21.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.70	20.66	20.72	21.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.58	20.62	20.67	21.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.61	20.79	20.69	21.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.55	20.73	20.65	21.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.63	20.68	20.55	21.8	0.0

n41 Ant 6 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	20.3	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.05	19.27	19.10	20.3	0.0
100	PI/2 BPSK	1	137	18.88	19.05	18.89		
100	PI/2 BPSK	1	271	18.74	18.93	18.77		
100	PI/2 BPSK	135	0	18.79	18.97	18.73	20.3	0.0
100	PI/2 BPSK	135	69	19.04	19.24	19.00	20.3	0.0
100	PI/2 BPSK	135	138	18.60	18.77	18.59	20.3	0.0
100	PI/2 BPSK	270	0	18.80	18.98	18.74		
100	QPSK	1	1	19.34	19.52	19.21	20.3	0.0
100	QPSK	1	137	18.98	19.17	18.96		
100	QPSK	1	271	19.01	19.20	19.02		
100	QPSK	135	0	18.80	18.98	18.74	20.3	0.0
100	QPSK	135	69	19.04	19.20	18.81	20.3	0.0
100	QPSK	135	138	18.98	19.17	18.96	20.3	0.0
100	QPSK	270	0	18.03	18.19	18.01		
100	16QAM	1	1	18.77	18.97	18.76	20.3	0.0
100	64QAM	1	1	18.99	19.19	18.99	20.3	0.0
100	256QAM	1	1	17.11	17.28	17.03	20.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.25	19.46	19.12	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	19.19	19.39	19.12	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	19.28	19.37	19.15	20.3	0.0
Channel				505200	518598	531996	Tune-up	MPR

Frequency (MHz)				2526	2592.99	2659.98	limit (dBm)	(dB)
60	QPSK	1	1	19.23	19.40	19.15	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	19.22	19.42	19.08	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	19.23	19.40	19.11	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	19.24	19.43	19.08	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	19.26	19.38	19.07	20.3	0.0

Part270 n77 Ant 6 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	19.3	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.93	17.97	18.00		
100	PI/2 BPSK	1	137	17.93	18.02	17.86	19.3	0.0
100	PI/2 BPSK	1	271	17.86	17.98	17.83		
100	PI/2 BPSK	135	0	17.41	17.48	17.35		
100	PI/2 BPSK	135	69	17.95	18.06	17.89	19.3	0.0
100	PI/2 BPSK	135	138	17.90	18.09	17.93	19.3	0.0
100	PI/2 BPSK	270	0	18.06	18.09	17.96		
100	QPSK	1	1	17.99	18.10	17.97		
100	QPSK	1	137	17.93	18.14	18.02	19.3	0.0
100	QPSK	1	271	18.08	18.13	17.93		
100	QPSK	135	0	17.91	18.07	17.88		
100	QPSK	135	69	17.84	18.04	17.87	19.3	0.0
100	QPSK	135	138	17.79	17.90	17.78	19.3	0.0
100	QPSK	270	0	17.65	17.89	17.66		
100	16QAM	1	1	17.88	18.02	17.91		
100	64QAM	1	1	17.82	17.87	17.81	19.3	0.0
100	256QAM	1	1	17.48	17.70	17.50	19.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.80	17.91	17.74	19.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.79	17.94	17.77	19.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.80	17.89	17.74	19.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.80	17.90	17.82	19.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		

50	QPSK	1	1	17.82	17.93	17.79	19.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.81	17.91	17.76	19.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.80	17.91	17.81	19.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.83	17.93	17.77	19.3	0.0

Part27Q n77 Ant 6 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		19.3	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.79		19.3	0.0
100	PI/2 BPSK	1	137		17.81			
100	PI/2 BPSK	1	271		17.73			
100	PI/2 BPSK	135	0		17.32		19.3	0.0
100	PI/2 BPSK	135	69		17.88		19.3	0.0
100	PI/2 BPSK	135	138		17.89		19.3	0.0
100	PI/2 BPSK	270	0		17.89			
100	QPSK	1	1		17.95		19.3	0.0
100	QPSK	1	137		17.92			
100	QPSK	1	271		17.90			
100	QPSK	135	0		17.90		19.3	0.0
100	QPSK	135	69		17.79		19.3	0.0
100	QPSK	135	138		17.66		19.3	0.0
100	QPSK	270	0		17.73			
100	16QAM	1	1		17.79		19.3	0.0
100	64QAM	1	1		17.65		19.3	0.0
100	256QAM	1	1		17.52		19.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.79	17.92	17.74	19.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.75	17.92	17.74	19.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.77	17.91	17.79	19.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.82	17.88	17.74	19.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.74	17.90	17.76	19.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.76	17.92	17.81	19.3	0.0
Channel				631000	633334	635668	Tune-up	MPR

Frequency (MHz)				3465	3500.01	3535.02	limit (dBm)	(dB)
30	QPSK	1	1	17.77	17.89	17.75	19.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.76	17.94	17.81	19.3	0.0

Part270 n78 Ant 6 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000	19.3	0.0
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.59			
100	PI/2 BPSK	1	137		17.60		19.3	0.0
100	PI/2 BPSK	1	271		17.51			
100	PI/2 BPSK	135	0		17.68			
100	PI/2 BPSK	135	69		17.71		19.3	0.0
100	PI/2 BPSK	135	138		17.68		19.3	0.0
100	PI/2 BPSK	270	0		17.70			
100	QPSK	1	1		17.76			
100	QPSK	1	137		17.75		19.3	0.0
100	QPSK	1	271		17.69			
100	QPSK	135	0		17.73			
100	QPSK	135	69		17.60		19.3	0.0
100	QPSK	135	138		17.47		19.3	0.0
100	QPSK	270	0		17.56			
100	16QAM	1	1		17.60		19.3	0.0
100	64QAM	1	1		17.41		19.3	0.0
100	256QAM	1	1		17.33		19.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.64	17.68	17.56		
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.61	17.71	17.55		
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.55	17.68	17.50		
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.61	17.71	17.54		
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.61	17.71	17.52		
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.61	17.71	17.55		
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.55	17.70	17.57		
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		

20	QPSK	1	1	17.56	17.67	17.58	19.3	0.0
----	------	---	---	-------	-------	-------	------	-----

Part27Q n78 Ant 6 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		19.3	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.58		19.3	0.0
100	PI/2 BPSK	1	137		17.58			
100	PI/2 BPSK	1	271		17.54			
100	PI/2 BPSK	135	0		17.68		19.3	0.0
100	PI/2 BPSK	135	69		17.65		19.3	0.0
100	PI/2 BPSK	135	138		17.67		19.3	0.0
100	PI/2 BPSK	270	0		17.72			
100	QPSK	1	1		17.79		19.3	0.0
100	QPSK	1	137		17.76			
100	QPSK	1	271		17.69			
100	QPSK	135	0		17.66		19.3	0.0
100	QPSK	135	69		17.58		19.3	0.0
100	QPSK	135	138		17.46		19.3	0.0
100	QPSK	270	0		17.57			
100	16QAM	1	1		17.60		19.3	0.0
100	64QAM	1	1		17.47		19.3	0.0
100	256QAM	1	1		17.31		19.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.57	17.74	17.58	19.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.63	17.73	17.56	19.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.55	17.72	17.53	19.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.56	17.72	17.54	19.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.56	17.68	17.51	19.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.55	17.71	17.56	19.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.57	17.76	17.57	19.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.58	17.68	17.54	19.3	0.0

n5 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	23.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.84	22.04	21.95		
20	PI/2 BPSK	1	53	21.76	21.86	21.62	22.5	0.5
20	PI/2 BPSK	1	104	21.59	21.74	21.71		
20	PI/2 BPSK	50	0	21.22	21.31	21.23		
20	PI/2 BPSK	50	28	21.65	21.72	21.67	22.5	0.5
20	PI/2 BPSK	50	56	21.05	21.23	20.95		
20	PI/2 BPSK	100	0	21.29	21.42	21.15		
20	QPSK	1	1	21.99	22.09	21.88	23.0	0.0
20	QPSK	1	53	21.79	21.89	21.80		
20	QPSK	1	104	21.47	21.77	21.62		
20	QPSK	50	0	20.73	20.82	20.70	22.0	1.0
20	QPSK	50	28	21.63	21.98	21.65		
20	QPSK	50	56	20.47	20.67	20.59		
20	QPSK	100	0	20.64	20.91	20.65	22.0	1.0
20	16QAM	1	1	20.74	20.76	20.57		
20	64QAM	1	1	19.07	19.47	19.09		
20	256QAM	1	1	17.15	17.51	17.18	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.80	22.00	21.81	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.84	22.02	21.61	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.85	21.92	21.74	23.0	0.0

n26 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	23.0	0.0
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.85	21.87	21.74		
20	PI/2 BPSK	1	53	21.79	21.97	21.94	22.5	0.5
20	PI/2 BPSK	1	104	21.74	21.80	21.69		
20	PI/2 BPSK	50	0	21.30	21.49	21.37		
20	PI/2 BPSK	50	28	21.93	22.04	22.05	22.5	0.5
20	PI/2 BPSK	50	56	21.37	21.41	21.36		
20	PI/2 BPSK	100	0	21.43	21.48	21.45		
20	QPSK	1	1	21.97	22.11	21.90	23.0	0.0
20	QPSK	1	53	22.03	22.09	21.99		
20	QPSK	1	104	21.90	21.98	21.81		
20	QPSK	50	0	20.96	20.96	20.78	22.0	1.0
20	QPSK	50	28	21.83	22.03	22.01		
20	QPSK	50	56	20.90	20.98	20.82		
20	QPSK	100	0	20.95	20.97	20.75	22.0	1.0
20	16QAM	1	1	20.82	20.86	20.78		
20	64QAM	1	1	19.74	19.86	19.88		

20	256QAM	1	1	17.29	17.34	17.32	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.78	21.93	21.88	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.74	21.89	21.91	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.70	21.97	21.74	23.0	0.0

n71 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600	23.0	0.0
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.86	22.17	22.02		
20	PI/2 BPSK	1	53	21.84	22.08	21.87	22.5	0.5
20	PI/2 BPSK	1	104	21.88	21.95	21.76		
20	PI/2 BPSK	50	0	21.32	21.66	21.30		
20	PI/2 BPSK	50	28	21.72	22.08	21.85	22.5	0.5
20	PI/2 BPSK	50	56	21.23	21.52	21.17		
20	PI/2 BPSK	100	0	21.42	21.62	21.38		
20	QPSK	1	1	22.01	22.37	22.00	23.0	0.0
20	QPSK	1	53	21.94	22.04	21.94		
20	QPSK	1	104	21.77	22.11	21.82		
20	QPSK	50	0	20.85	21.09	20.80	22.0	1.0
20	QPSK	50	28	21.85	22.07	21.84		
20	QPSK	50	56	20.80	20.97	20.63		
20	QPSK	100	0	20.84	20.92	20.89	22.0	1.0
20	16QAM	1	1	20.60	20.92	20.75		
20	64QAM	1	1	19.36	19.41	19.35		
20	256QAM	1	1	17.11	17.33	17.31	18.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	21.93	22.05	21.98	23.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	21.95	22.12	21.79	23.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	21.81	22.14	21.96	23.0	0.0

Reduced Power Mode for DSI 5

n5 Ant 0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.01	23.21	23.02		
20	PI/2 BPSK	1	53	22.82	23.02	22.85	24.0	0.0

20	PI/2 BPSK	1	104	22.64	22.88	22.71		
20	PI/2 BPSK	50	0	22.27	22.50	22.32	23.5	0.5
20	PI/2 BPSK	50	28	22.79	22.96	22.76	24.0	0.0
20	PI/2 BPSK	50	56	22.17	22.33	22.10	23.5	0.5
20	PI/2 BPSK	100	0	22.31	22.49	22.26		
20	QPSK	1	1	23.08	23.27	23.06	24.0	0.0
20	QPSK	1	53	22.91	23.12	22.96		
20	QPSK	1	104	22.69	22.93	22.71		
20	QPSK	50	0	21.83	21.99	21.79	23.0	1.0
20	QPSK	50	28	22.76	22.99	22.84	24.0	0.0
20	QPSK	50	56	21.71	21.87	21.72	23.0	1.0
20	QPSK	100	0	21.69	21.94	21.75		
20	16QAM	1	1	21.77	21.93	21.71	23.0	1.0
20	64QAM	1	1	20.28	20.51	20.31	21.5	2.5
20	256QAM	1	1	18.33	18.51	18.32	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.91	23.03	22.82	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.85	23.10	22.85	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	22.90	23.10	22.89	24.0	0.0

n26 Ant 0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.63	22.88	22.67		
20	PI/2 BPSK	1	53	22.67	22.82	22.58	23.5	0.5
20	PI/2 BPSK	1	104	22.57	22.78	22.57		
20	PI/2 BPSK	50	0	22.15	22.31	22.14		
20	PI/2 BPSK	50	28	22.56	22.79	22.59	24.0	0.0
20	PI/2 BPSK	50	56	21.98	22.16	21.98	23.5	0.5
20	PI/2 BPSK	100	0	22.03	22.24	22.01		
20	QPSK	1	1	22.75	22.95	22.72	24.0	0.0
20	QPSK	1	53	22.67	22.88	22.72		
20	QPSK	1	104	22.62	22.84	22.61		
20	QPSK	50	0	21.65	21.82	21.61	23.0	1.0
20	QPSK	50	28	22.54	22.78	22.57	24.0	0.0
20	QPSK	50	56	21.46	21.68	21.50	23.0	1.0
20	QPSK	100	0	21.62	21.78	21.63		
20	16QAM	1	1	21.44	21.68	21.47	23.0	1.0
20	64QAM	1	1	19.97	20.21	19.97	21.5	2.5
20	256QAM	1	1	18.01	18.21	18.02	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.56	22.75	22.47	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.57	22.76	22.53	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	22.55	22.74	22.50	24.0	0.0

n71 Ant 0 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				134600	136100	137600		
Frequency (MHz)				673	680.5	688	24.0	0.0
20	PI/2 BPSK	1	1	22.98	23.15	22.97		
20	PI/2 BPSK	1	53	22.88	23.06	22.91		
20	PI/2 BPSK	1	104	22.83	22.99	22.79	23.5	0.5
20	PI/2 BPSK	50	0	22.45	22.61	22.42		
20	PI/2 BPSK	50	28	22.79	23.02	22.86		
20	PI/2 BPSK	50	56	22.29	22.44	22.22	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.57	22.35		
20	QPSK	1	1	23.12	23.34	23.10		
20	QPSK	1	53	22.95	23.15	22.99	24.0	0.0
20	QPSK	1	104	22.84	23.05	22.84		
20	QPSK	50	0	21.91	22.13	21.93		
20	QPSK	50	28	22.82	23.07	22.83	23.0	1.0
20	QPSK	50	56	21.74	21.94	21.76		
20	QPSK	100	0	21.79	22.02	21.84		
20	16QAM	1	1	21.72	21.96	21.75	23.0	1.0
20	64QAM	1	1	20.33	20.48	20.33	21.5	2.5
20	256QAM	1	1	18.23	18.46	18.24	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.94	23.16	22.91	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.91	23.18	22.92	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.92	23.09	22.85	24.0	0.0

n2 Ant 2 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	21.7	0.0
20	PI/2 BPSK	1	1	20.83	20.98	20.83		
20	PI/2 BPSK	1	53	20.74	20.95	20.70		
20	PI/2 BPSK	1	104	20.77	20.98	20.77	21.7	0.0
20	PI/2 BPSK	50	0	20.87	21.01	20.84		
20	PI/2 BPSK	50	28	20.80	20.92	20.79		
20	PI/2 BPSK	50	56	20.28	20.45	20.28	21.7	0.0
20	PI/2 BPSK	100	0	20.26	20.43	20.29		
20	QPSK	1	1	20.85	21.08	20.81		
20	QPSK	1	53	20.82	20.97	20.72	21.7	0.0
20	QPSK	1	104	20.85	21.06	20.80		
20	QPSK	50	0	20.23	20.47	20.25		

20	QPSK	50	28	20.79	20.99	20.84	21.7	0.0
20	QPSK	50	56	20.55	20.77	20.59	21.7	0.0
20	QPSK	100	0	20.58	20.78	20.62		
20	16QAM	1	1	20.89	20.91	20.90	21.7	0.0
20	64QAM	1	1	19.66	19.97	19.76	21.5	0.2
20	256QAM	1	1	17.68	17.94	17.65	19.5	2.2
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.67	20.87	20.59	21.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.64	20.88	20.59	21.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.62	20.86	20.61	21.7	0.0

n66 Ant 2 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	22.1	0.0
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.72	20.89	20.73		
40	PI/2 BPSK	1	108	20.57	20.82	20.59	22.1	0.0
40	PI/2 BPSK	1	214	20.63	20.88	20.65		
40	PI/2 BPSK	108	0	20.11	20.28	20.34		
40	PI/2 BPSK	108	54	20.67	20.82	20.64	22.1	0.0
40	PI/2 BPSK	108	108	20.16	20.36	20.20		
40	PI/2 BPSK	216	0	20.11	20.33	20.15		
40	QPSK	1	1	20.74	20.91	20.69	22.1	0.0
40	QPSK	1	108	20.69	20.85	20.63		
40	QPSK	1	214	20.73	20.89	20.71		
40	QPSK	108	0	20.61	20.82	20.63	22.1	0.0
40	QPSK	108	54	20.68	20.87	20.68	22.1	0.0
40	QPSK	108	108	20.56	20.78	20.59	22.1	0.0
40	QPSK	216	0	20.52	20.73	20.55		
40	16QAM	1	1	20.33	20.57	20.39		
40	64QAM	1	1	20.38	20.62	20.45	21.5	0.6
40	256QAM	1	1	17.90	18.11	17.88	19.5	2.6
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.55	20.75	20.51	22.1	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.50	20.72	20.49	22.1	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.54	20.72	20.47	22.1	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.55	20.73	20.46	22.1	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		

5	QPSK	1	1	20.52	20.66	20.45	22.1	0.0
---	------	---	---	-------	-------	-------	------	-----

Part270 n77 Ant 2 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	21.8	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.27	20.35	20.28	21.8	0.0
100	PI/2 BPSK	1	137	20.33	20.36	20.14		
100	PI/2 BPSK	1	271	20.37	20.49	20.25		
100	PI/2 BPSK	135	0	20.48	20.64	20.46	21.8	0.0
100	PI/2 BPSK	135	69	20.26	20.29	20.17	21.8	0.0
100	PI/2 BPSK	135	138	20.43	20.24	20.15	21.8	0.0
100	PI/2 BPSK	270	0	20.42	20.61	20.48		
100	QPSK	1	1	20.43	20.68	20.57	21.8	0.0
100	QPSK	1	137	20.49	20.29	20.42		
100	QPSK	1	271	20.52	20.51	20.58		
100	QPSK	135	0	20.21	20.45	20.19	21.8	0.0
100	QPSK	135	69	20.45	20.56	20.52	21.8	0.0
100	QPSK	135	138	20.14	20.40	20.29	21.8	0.0
100	QPSK	270	0	20.35	20.47	20.36		
100	16QAM	1	1	20.23	20.59	20.43	21.8	0.0
100	64QAM	1	1	20.60	20.44	20.37	21.8	0.0
100	256QAM	1	1	20.27	20.27	20.38	21.0	0.8
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.35	20.44	20.51	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	20.30	20.61	20.37	21.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.34	20.61	20.50	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	20.36	20.61	20.51	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	20.26	20.59	20.44	21.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.37	20.51	20.50	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	20.30	20.52	20.49	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	20.27	20.49	20.46	21.8	0.0

Part27Q n77 Ant 2 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		21.8	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.03		21.8	0.0
100	PI/2 BPSK	1	137		20.09			
100	PI/2 BPSK	1	271		20.05			
100	PI/2 BPSK	135	0		20.18		21.8	0.0
100	PI/2 BPSK	135	69		19.94		21.8	0.0
100	PI/2 BPSK	135	138		20.00		21.8	0.0
100	PI/2 BPSK	270	0		20.20			
100	QPSK	1	1		20.40		21.8	0.0
100	QPSK	1	137		20.09			
100	QPSK	1	271		20.33			
100	QPSK	135	0		20.14		21.8	0.0
100	QPSK	135	69		20.25		21.8	0.0
100	QPSK	135	138		20.09		21.8	0.0
100	QPSK	270	0		20.15			
100	16QAM	1	1		20.31		21.8	0.0
100	64QAM	1	1		20.20		21.8	0.0
100	256QAM	1	1		20.06		21.0	0.8
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.17	20.30	20.21	21.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.15	20.37	20.31	21.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.22	20.28	20.20	21.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.20	20.26	20.25	21.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.30	20.30	20.23	21.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.15	20.33	20.20	21.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.25	20.25	20.24	21.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.25	20.38	20.34	21.8	0.0

Part27O n78 Ant 2 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	19.95	19.96	20.20	21.8	0.0
100	PI/2 BPSK	1	137	20.01	20.03	19.96		
100	PI/2 BPSK	1	271	20.16	20.21	19.89		
100	PI/2 BPSK	135	0	20.22	20.36	20.23	21.8	0.0
100	PI/2 BPSK	135	69	19.92	19.99	19.97	21.8	0.0
100	PI/2 BPSK	135	138	20.16	19.98	19.95	21.8	0.0
100	PI/2 BPSK	270	0	20.25	20.34	20.07		
100	QPSK	1	1	20.14	20.43	20.22		
100	QPSK	1	137	20.20	20.06	20.07	21.8	0.0
100	QPSK	1	271	20.22	20.28	20.22		
100	QPSK	135	0	19.87	20.05	20.04		
100	QPSK	135	69	20.14	20.20	19.96	21.8	0.0
100	QPSK	135	138	19.93	20.11	19.90	21.8	0.0
100	QPSK	270	0	20.13	20.21	20.19		
100	16QAM	1	1	20.09	20.30	20.04		
100	64QAM	1	1	20.23	20.23	20.31	21.8	0.0
100	256QAM	1	1	20.03	19.91	20.06	21.0	0.8
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.02	20.30	20.14	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	20.16	20.40	20.20	21.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.02	20.32	20.14	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	20.16	20.41	20.16	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	20.01	20.42	20.16	21.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.03	20.40	20.21	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	20.13	20.29	20.09	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	20.05	20.33	20.07	21.8	0.0

Part27Q n78 Ant 2 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.90		21.8	0.0
100	PI/2 BPSK	1	137		19.95			
100	PI/2 BPSK	1	271		20.05			
100	PI/2 BPSK	135	0		20.33		21.8	0.0

100	PI/2 BPSK	135	69		19.82		21.8	0.0
100	PI/2 BPSK	135	138		19.90		21.8	0.0
100	PI/2 BPSK	270	0		20.31			
100	QPSK	1	1		20.35		21.8	0.0
100	QPSK	1	137		20.02			
100	QPSK	1	271		20.23			
100	QPSK	135	0		19.98		21.8	0.0
100	QPSK	135	69		20.12		21.8	0.0
100	QPSK	135	138		20.07		21.8	0.0
100	QPSK	270	0		20.09			
100	16QAM	1	1		20.20		21.8	0.0
100	64QAM	1	1		20.15		21.8	0.0
100	256QAM	1	1		19.86		21.0	0.8
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.07	20.19	20.05	21.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.92	20.22	20.14	21.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.95	20.34	20.04	21.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.03	20.34	20.10	21.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.06	20.28	20.10	21.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.95	20.28	20.12	21.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.02	20.34	20.16	21.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.03	20.33	20.00	21.8	0.0

n7 Ant 3 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	18.14	18.27	18.23	19.5	0.0
40	PI/2 BPSK	1	108	18.23	18.41	18.16		
40	PI/2 BPSK	1	214	18.13	18.15	18.06		
40	PI/2 BPSK	108	0	18.10	18.50	18.30	19.5	0.0
40	PI/2 BPSK	108	54	18.28	18.28	18.24	19.5	0.0
40	PI/2 BPSK	108	108	18.07	18.35	18.20	19.5	0.0
40	PI/2 BPSK	216	0	18.21	18.42	18.34		
40	QPSK	1	1	18.36	18.64	18.44	19.5	0.0
40	QPSK	1	108	18.18	18.30	18.10		

40	QPSK	1	214	18.27	18.44	18.24		
40	QPSK	108	0	18.30	18.34	18.13	19.5	0.0
40	QPSK	108	54	18.09	18.60	18.05	19.5	0.0
40	QPSK	108	108	18.19	18.25	18.35	19.5	0.0
40	QPSK	216	0	18.18	18.39	18.11		
40	16QAM	1	1	18.16	18.47	18.24	19.5	0.0
40	64QAM	1	1	18.18	18.39	18.19	19.5	0.0
40	256QAM	1	1	18.19	18.18	18.22	19.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.16	18.49	18.26	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	18.26	18.47	18.20	19.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.34	18.42	18.22	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	18.24	18.46	18.23	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.41	18.46	18.27	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	18.37	18.44	18.20	19.5	0.0

n38 Ant 3 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	19.1	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.61	17.69	17.82		
40	PI/2 BPSK	1	53	17.56	17.71	17.47	19.1	0.0
40	PI/2 BPSK	1	104	17.47	17.80	17.49		
40	PI/2 BPSK	50	0	17.71	17.70	17.87		
40	PI/2 BPSK	50	28	17.55	17.91	17.53	19.1	0.0
40	PI/2 BPSK	50	56	17.71	17.86	17.49	19.1	0.0
40	PI/2 BPSK	100	0	17.50	17.84	17.64		
40	QPSK	1	1	17.65	17.97	17.73		
40	QPSK	1	53	17.84	17.70	17.56	19.1	0.0
40	QPSK	1	104	17.42	17.77	17.81		
40	QPSK	50	0	17.50	17.81	17.57		
40	QPSK	50	28	17.64	17.83	17.54	19.1	0.0
40	QPSK	50	56	17.48	17.63	17.52	19.1	0.0
40	QPSK	100	0	17.48	17.81	17.56		
40	16QAM	1	1	17.57	17.87	17.81		
40	64QAM	1	1	17.80	17.87	17.77	19.1	0.0
40	256QAM	1	1	17.57	17.77	17.65	19.1	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.67	17.89	17.53	19.1	0.0

Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.72	17.89	17.64	19.1	0.0

n41 Ant 3 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	19.1	0.0
100	PI/2 BPSK	1	1	17.77	17.93	17.89		
100	PI/2 BPSK	1	137	17.73	17.84	17.65		
100	PI/2 BPSK	1	271	17.65	17.93	17.68	19.1	0.0
100	PI/2 BPSK	135	0	17.93	17.75	18.00		
100	PI/2 BPSK	135	69	17.70	18.01	17.77		
100	PI/2 BPSK	135	138	17.83	18.01	17.67	19.1	0.0
100	PI/2 BPSK	270	0	17.66	17.90	17.84		
100	QPSK	1	1	17.89	18.16	17.81		
100	QPSK	1	137	17.94	17.91	17.76	19.1	0.0
100	QPSK	1	271	17.60	17.92	17.92		
100	QPSK	135	0	17.71	17.91	17.69		
100	QPSK	135	69	17.78	17.97	17.61	19.1	0.0
100	QPSK	135	138	17.65	17.83	17.75		
100	QPSK	270	0	17.72	17.93	17.64		
100	16QAM	1	1	17.63	17.98	18.06	19.1	0.0
100	64QAM	1	1	17.95	17.99	17.95	19.1	0.0
100	256QAM	1	1	17.33	17.52	17.20	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	17.80	17.91	17.66	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	17.74	18.07	17.58	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	17.82	17.93	17.76	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	17.74	18.03	17.65	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	17.74	17.94	17.65	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	17.83	18.08	17.59	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	17.81	18.06	17.61	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	17.67	18.03	17.60	19.1	0.0

Part270 n77 Ant 3 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	18.6	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.01	17.24	17.15		
100	PI/2 BPSK	1	137	17.06	17.10	17.09	18.6	0.0
100	PI/2 BPSK	1	271	17.11	17.32	17.03		
100	PI/2 BPSK	135	0	17.01	17.26	17.03		
100	PI/2 BPSK	135	69	17.01	17.37	16.97	18.6	0.0
100	PI/2 BPSK	135	138	17.15	17.24	17.21		
100	PI/2 BPSK	270	0	16.95	17.16	17.18		
100	QPSK	1	1	17.13	17.38	17.06	18.6	0.0
100	QPSK	1	137	17.05	17.27	16.98		
100	QPSK	1	271	17.14	17.24	17.17		
100	QPSK	135	0	17.10	17.11	16.88	18.6	0.0
100	QPSK	135	69	17.11	17.28	17.05		
100	QPSK	135	138	16.99	17.24	17.16		
100	QPSK	270	0	17.04	17.19	16.92	18.6	0.0
100	16QAM	1	1	17.00	17.15	17.21		
100	64QAM	1	1	17.16	17.31	17.10		
100	256QAM	1	1	17.04	17.23	17.24	18.6	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.01	17.25	16.96	18.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.98	17.15	16.93	18.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.94	17.09	16.91	18.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.95	17.17	16.85	18.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.90	17.19	16.90	18.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.96	17.12	16.87	18.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.89	17.25	16.85	18.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.85	17.21	16.94	18.6	0.0

Part27Q n77 Ant 3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			

Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.25		18.6	0.0
100	PI/2 BPSK	1	137		17.16			
100	PI/2 BPSK	1	271		17.06			
100	PI/2 BPSK	135	0		17.05		18.6	0.0
100	PI/2 BPSK	135	69		17.15		18.6	0.0
100	PI/2 BPSK	135	138		17.18		18.6	0.0
100	PI/2 BPSK	270	0		17.06			
100	QPSK	1	1		17.31			
100	QPSK	1	137		17.10		18.6	0.0
100	QPSK	1	271		17.18			
100	QPSK	135	0		17.08			
100	QPSK	135	69		17.18		18.6	0.0
100	QPSK	135	138		17.08		18.6	0.0
100	QPSK	270	0		17.00			
100	16QAM	1	1		17.21			
100	64QAM	1	1		17.15		18.6	0.0
100	256QAM	1	1		17.07		18.6	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.95	17.16	17.00	18.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.90	17.15	17.01	18.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.86	17.23	16.95	18.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.00	17.16	17.01	18.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.00	17.22	16.95	18.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.88	17.27	16.90	18.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.99	17.19	16.92	18.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.86	17.26	16.97	18.6	0.0

Part270 n78 PC2 Ant 3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.21		18.6	0.0
100	PI/2 BPSK	1	137		17.08			
100	PI/2 BPSK	1	271		17.05			
100	PI/2 BPSK	135	0		17.06		18.6	0.0

100	PI/2 BPSK	135	69		17.32		18.6	0.0
100	PI/2 BPSK	135	138		17.12		18.6	0.0
100	PI/2 BPSK	270	0		17.19			
100	QPSK	1	1		17.33		18.6	0.0
100	QPSK	1	137		17.09			
100	QPSK	1	271		17.13			
100	QPSK	135	0		16.98		18.6	0.0
100	QPSK	135	69		17.17		18.6	0.0
100	QPSK	135	138		17.05		18.6	0.0
100	QPSK	270	0		17.07			
100	16QAM	1	1		17.12		18.6	0.0
100	64QAM	1	1		17.08		18.6	0.0
100	256QAM	1	1		17.14		18.6	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.92	16.99	17.05	18.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.89	16.99	16.98	18.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.84	17.01	17.08	18.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.88	17.13	17.10	18.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.85	17.18	17.07	18.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.00	17.04	16.99	18.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.00	17.12	17.00	18.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.87	17.10	16.95	18.6	0.0

Part27Q n78 Ant 3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.17		18.6	0.0
100	PI/2 BPSK	1	137		17.03			
100	PI/2 BPSK	1	271		16.92			
100	PI/2 BPSK	135	0		16.89		18.6	0.0
100	PI/2 BPSK	135	69		17.13		18.6	0.0
100	PI/2 BPSK	135	138		17.05		18.6	0.0
100	PI/2 BPSK	270	0		16.91			
100	QPSK	1	1		17.23		18.6	0.0
100	QPSK	1	137		17.11			

100	QPSK	1	271		17.10			
100	QPSK	135	0		17.11		18.6	0.0
100	QPSK	135	69		16.96		18.6	0.0
100	QPSK	135	138		17.04		18.6	0.0
100	QPSK	270	0		16.94			
100	16QAM	1	1		17.00		18.6	0.0
100	64QAM	1	1		17.08		18.6	0.0
100	256QAM	1	1		16.94		18.6	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.01	17.04	16.97	18.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.87	17.17	17.06	18.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.00	17.09	17.02	18.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.86	17.07	17.02	18.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.83	17.05	17.03	18.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.84	17.12	16.96	18.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.98	17.03	17.06	18.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.88	17.07	17.05	18.6	0.0

n41 Ant 0 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	22.37	22.51	22.42	24.0	0.0
100	PI/2 BPSK	1	137	22.20	22.37	22.21		
100	PI/2 BPSK	1	271	22.06	22.25	22.09		
100	PI/2 BPSK	135	0	22.11	22.29	22.05	23.5	0.5
100	PI/2 BPSK	135	69	22.36	22.56	22.32	24.0	0.0
100	PI/2 BPSK	135	138	21.92	22.09	21.91	23.5	0.5
100	PI/2 BPSK	270	0	22.12	22.30	22.06		
100	QPSK	1	1	22.44	22.59	22.43	24.0	0.0
100	QPSK	1	137	22.30	22.49	22.28		
100	QPSK	1	271	22.33	22.52	22.34		
100	QPSK	135	0	21.74	21.89	21.67	23.0	1.0
100	QPSK	135	69	22.36	22.42	22.13	24.0	0.0
100	QPSK	135	138	21.25	21.23	21.01	23.0	1.0
100	QPSK	270	0	21.43	21.59	21.41		

100	16QAM	1	1	21.57	21.77	21.56	23.0	1.0
100	64QAM	1	1	19.69	19.89	19.69	21.5	2.5
100	256QAM	1	1	17.81	17.98	17.73	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.31	22.55	22.30	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.33	22.57	22.37	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	22.34	22.57	22.30	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	22.36	22.55	22.30	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	22.30	22.57	22.29	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	22.33	22.56	22.33	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	22.33	22.50	22.33	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	22.35	22.53	22.29	24.0	0.0

n41 Ant 5 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	19.3	0.0
100	PI/2 BPSK	1	1	18.15	18.37	18.34		
100	PI/2 BPSK	1	137	18.13	18.20	18.13		
100	PI/2 BPSK	1	271	17.96	18.12	17.95	19.3	0.0
100	PI/2 BPSK	135	0	18.04	18.11	17.82		
100	PI/2 BPSK	135	69	18.19	18.41	18.22		
100	PI/2 BPSK	135	138	17.72	17.91	17.75	19.3	0.0
100	PI/2 BPSK	270	0	17.91	18.21	17.85		
100	QPSK	1	1	18.20	18.46	18.32		
100	QPSK	1	137	18.15	18.31	18.12	19.3	0.0
100	QPSK	1	271	18.11	18.34	18.32		
100	QPSK	135	0	17.72	17.67	17.39		
100	QPSK	135	69	18.23	18.31	18.08	19.3	0.0
100	QPSK	135	138	17.98	18.17	18.00		
100	QPSK	270	0	18.03	18.08	17.84		
100	16QAM	1	1	18.01	18.08	18.06	19.3	0.0
100	64QAM	1	1	18.04	18.11	18.07	19.3	0.0
100	256QAM	1	1	17.11	17.28	17.03	17.5	1.8
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		

							(dBm)	
90	QPSK	1	1	17.97	18.28	18.15	19.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.03	18.31	18.08	19.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.98	18.30	18.12	19.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.00	18.27	18.15	19.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.00	18.28	18.15	19.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.96	18.28	18.10	19.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.05	18.26	18.15	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.05	18.23	18.13	19.3	0.0

Part270 n77 Ant 4 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	21.91	22.08	21.99	22.9	0.0
100	PI/2 BPSK	1	137	21.91	21.97	21.89		
100	PI/2 BPSK	1	271	21.90	21.97	21.80		
100	PI/2 BPSK	135	0	21.35	21.42	21.32	22.9	0.0
100	PI/2 BPSK	135	69	21.90	22.06	21.86	22.9	0.0
100	PI/2 BPSK	135	138	21.31	21.34	21.21	22.9	0.0
100	PI/2 BPSK	270	0	21.32	21.44	21.28		
100	QPSK	1	1	22.00	22.10	21.93	22.9	0.0
100	QPSK	1	137	21.88	22.09	21.96		
100	QPSK	1	271	22.02	22.07	21.94		
100	QPSK	135	0	20.95	21.20	21.08	22.9	0.0
100	QPSK	135	69	21.79	21.86	21.73	22.9	0.0
100	QPSK	135	138	21.37	21.49	21.37	22.9	0.0
100	QPSK	270	0	21.35	21.37	21.30		
100	16QAM	1	1	21.85	22.03	21.87	22.9	0.0
100	64QAM	1	1	21.77	21.90	21.79	22.9	0.0
100	256QAM	1	1	21.19	21.43	21.26	22.5	0.4
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.84	21.93	21.69	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	21.78	21.89	21.76	22.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.83	21.87	21.75	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	21.84	21.94	21.71	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	21.82	21.95	21.75	22.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.78	21.95	21.70	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	21.78	21.89	21.75	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	21.80	21.93	21.69	22.9	0.0

Part27Q n77 Ant 4 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		22.9	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.90		22.9	0.0
100	PI/2 BPSK	1	137		21.86			
100	PI/2 BPSK	1	271		21.93			
100	PI/2 BPSK	135	0		21.80		22.9	0.0
100	PI/2 BPSK	135	69		21.86		22.9	0.0
100	PI/2 BPSK	135	138		21.84		22.9	0.0
100	PI/2 BPSK	270	0		21.87			
100	QPSK	1	1		21.97		22.9	0.0
100	QPSK	1	137		21.88			
100	QPSK	1	271		21.93			
100	QPSK	135	0		21.72		22.9	0.0
100	QPSK	135	69		21.79		22.9	0.0
100	QPSK	135	138		21.75		22.9	0.0
100	QPSK	270	0		21.75			
100	16QAM	1	1		21.76		22.9	0.0
100	64QAM	1	1		21.71		22.9	0.0
100	256QAM	1	1		21.05		22.5	0.4
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.75	21.79	21.70	22.9	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.75	21.79	21.69	22.9	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.74	21.79	21.66	22.9	0.0

Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.67	21.75	21.65	22.9	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.74	21.74	21.67	22.9	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.74	21.77	21.69	22.9	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.71	21.76	21.65	22.9	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.72	21.76	21.74	22.9	0.0

Part270 n78 Ant 4 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		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.81		22.9	0.0
100	PI/2 BPSK	1	137		21.70			
100	PI/2 BPSK	1	271		21.75			
100	PI/2 BPSK	135	0		21.18		22.9	0.0
100	PI/2 BPSK	135	69		21.67		22.9	0.0
100	PI/2 BPSK	135	138		21.08		22.9	0.0
100	PI/2 BPSK	270	0		21.19			
100	QPSK	1	1		21.83			
100	QPSK	1	137		21.81		22.9	0.0
100	QPSK	1	271		21.79			
100	QPSK	135	0		20.91			
100	QPSK	135	69		21.58		22.9	0.0
100	QPSK	135	138		21.28		22.9	0.0
100	QPSK	270	0		21.12			
100	16QAM	1	1		21.77			
100	64QAM	1	1		21.68		22.9	0.0
100	256QAM	1	1		21.18		22.5	0.4
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.59	21.64	21.43	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	21.56	21.70	21.41	22.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.65	21.67	21.49	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	21.60	21.65	21.47	22.9	0.0
Channel				648334	650000	651668	Tune-up	MPR

Frequency (MHz)				3725.01	3750	3775.02	limit (dBm)	(dB)
50	QPSK	1	1	21.65	21.64	21.42	22.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.58	21.71	21.43	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	21.56	21.66	21.42	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	21.56	21.68	21.46	22.9	0.0

Part27Q n78 Ant 4 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.75		22.9	0.0
100	PI/2 BPSK	1	137		21.66			
100	PI/2 BPSK	1	271		21.60			
100	PI/2 BPSK	135	0		21.08		22.9	0.0
100	PI/2 BPSK	135	69		21.62		22.9	0.0
100	PI/2 BPSK	135	138		20.98		22.9	0.0
100	PI/2 BPSK	270	0		21.02			
100	QPSK	1	1		21.76		22.9	0.0
100	QPSK	1	137		21.70			
100	QPSK	1	271		21.67			
100	QPSK	135	0		21.22		22.9	0.0
100	QPSK	135	69		21.50		22.9	0.0
100	QPSK	135	138		21.43		22.9	0.0
100	QPSK	270	0		21.05			
100	16QAM	1	1		21.63		22.9	0.0
100	64QAM	1	1		21.53		22.9	0.0
100	256QAM	1	1		21.00		22.8	0.1
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.56	21.69	21.59	22.9	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.50	21.69	21.55	22.9	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.54	21.66	21.51	22.9	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.55	21.65	21.51	22.9	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.49	21.62	21.59	22.9	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		

40	QPSK	1	1	21.57	21.64	21.52	22.9	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.56	21.65	21.56	22.9	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.58	21.66	21.57	22.9	0.0

n41 Ant 6 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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.60	18.73	18.75	19.8	0.0
100	PI/2 BPSK	1	137	18.38	18.56	18.44		
100	PI/2 BPSK	1	271	18.20	18.55	18.39		
100	PI/2 BPSK	135	0	18.42	18.61	18.34	19.8	0.0
100	PI/2 BPSK	135	69	18.54	18.77	18.63	19.8	0.0
100	PI/2 BPSK	135	138	18.21	18.23	18.14	19.8	0.0
100	PI/2 BPSK	270	0	18.43	18.61	18.32		
100	QPSK	1	1	18.96	19.15	18.86	19.8	0.0
100	QPSK	1	137	18.60	18.68	18.54		
100	QPSK	1	271	18.46	18.69	18.50		
100	QPSK	135	0	18.25	18.47	18.37	19.8	0.0
100	QPSK	135	69	18.50	18.79	18.44	19.8	0.0
100	QPSK	135	138	18.61	18.71	18.61	19.8	0.0
100	QPSK	270	0	17.53	17.71	17.58		
100	16QAM	1	1	18.34	18.54	18.26	19.8	0.0
100	64QAM	1	1	18.63	18.76	18.59	19.8	0.0
100	256QAM	1	1	17.11	17.28	17.03	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	18.78	18.94	18.70	19.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.84	19.05	18.75	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	18.72	19.02	18.60	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	18.76	19.03	18.57	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	18.74	18.99	18.58	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	18.87	18.99	18.64	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	18.75	19.01	18.74	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	18.81	18.95	18.73	19.8	0.0

Part270 n77 Ant 6 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	18.5	0.0
100	PI/2 BPSK	1	1	17.23	17.21	17.35		
100	PI/2 BPSK	1	137	17.32	17.22	17.15		
100	PI/2 BPSK	1	271	17.14	17.28	17.04	18.5	0.0
100	PI/2 BPSK	135	0	16.68	16.71	16.70		
100	PI/2 BPSK	135	69	17.15	17.46	17.10		
100	PI/2 BPSK	135	138	17.28	17.47	17.16	18.5	0.0
100	PI/2 BPSK	270	0	17.35	17.48	17.19		
100	QPSK	1	1	17.27	17.39	17.35		
100	QPSK	1	137	17.24	17.46	17.40	18.5	0.0
100	QPSK	1	271	17.28	17.33	17.21		
100	QPSK	135	0	17.27	17.46	17.18		
100	QPSK	135	69	17.11	17.37	17.25	18.5	0.0
100	QPSK	135	138	17.18	17.29	17.04		
100	QPSK	270	0	17.04	17.22	16.87		
100	16QAM	1	1	17.24	17.30	17.23	18.5	0.0
100	64QAM	1	1	17.13	17.19	17.06	18.5	0.0
100	256QAM	1	1	16.87	16.95	16.81	18.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.01	17.31	16.97	18.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.15	17.22	16.95	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.17	17.19	17.09	18.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.05	17.20	16.97	18.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.11	17.12	16.98	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.13	17.23	17.12	18.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.14	17.18	16.97	18.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.04	17.30	17.02	18.5	0.0

Part27Q n77 Ant 6 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334		18.5	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.14		18.5	0.0
100	PI/2 BPSK	1	137		17.18			
100	PI/2 BPSK	1	271		16.96			
100	PI/2 BPSK	135	0		16.63		18.5	0.0
100	PI/2 BPSK	135	69		17.10		18.5	0.0
100	PI/2 BPSK	135	138		17.15		18.5	0.0
100	PI/2 BPSK	270	0		17.19			
100	QPSK	1	1		17.29		18.5	0.0
100	QPSK	1	137		17.27			
100	QPSK	1	271		17.24			
100	QPSK	135	0		17.12		18.5	0.0
100	QPSK	135	69		17.11		18.5	0.0
100	QPSK	135	138		16.96		18.5	0.0
100	QPSK	270	0		17.11			
100	16QAM	1	1		17.15		18.5	0.0
100	64QAM	1	1		17.02		18.5	0.0
100	256QAM	1	1		16.86		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.04	17.13	17.04	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.01	17.18	16.98	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.18	17.17	16.94	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.06	17.26	17.09	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.03	17.14	16.98	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.14	17.25	16.99	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.02	17.19	17.12	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.11	17.22	16.96	18.5	0.0

Part27O n78 Ant 6 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		16.90		18.5	0.0
100	PI/2 BPSK	1	137		16.80			
100	PI/2 BPSK	1	271		16.89			
100	PI/2 BPSK	135	0		16.94		18.5	0.0
100	PI/2 BPSK	135	69		17.01		18.5	0.0
100	PI/2 BPSK	135	138		17.03		18.5	0.0
100	PI/2 BPSK	270	0		16.98			
100	QPSK	1	1		17.15			
100	QPSK	1	137		17.08		18.5	0.0
100	QPSK	1	271		16.91			
100	QPSK	135	0		17.10			
100	QPSK	135	69		16.90		18.5	0.0
100	QPSK	135	138		16.75		18.5	0.0
100	QPSK	270	0		16.89			
100	16QAM	1	1		16.94			
100	64QAM	1	1		16.72		18.5	0.0
100	256QAM	1	1		16.65		18.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.95	16.99	16.76	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.02	17.03	16.85	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.87	17.08	16.78	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.96	16.88	16.87	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.00	16.94	16.79	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.86	17.00	16.87	18.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.87	17.02	16.89	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.93	16.98	16.90	18.5	0.0

Part27Q n78 Ant 6 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.87		18.5	0.0
100	PI/2 BPSK	1	137		16.88			
100	PI/2 BPSK	1	271		16.84			
100	PI/2 BPSK	135	0		17.00		18.5	0.0

100	PI/2 BPSK	135	69		16.96		18.5	0.0
100	PI/2 BPSK	135	138		16.97		18.5	0.0
100	PI/2 BPSK	270	0		17.09			
100	QPSK	1	1		17.12		18.5	0.0
100	QPSK	1	137		17.02			
100	QPSK	1	271		16.95			
100	QPSK	135	0		16.92		18.5	0.0
100	QPSK	135	69		16.85		18.5	0.0
100	QPSK	135	138		16.76		18.5	0.0
100	QPSK	270	0		16.81			
100	16QAM	1	1		16.87		18.5	0.0
100	64QAM	1	1		16.80		18.5	0.0
100	256QAM	1	1		16.54		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.82	17.10	16.94	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.91	17.06	16.96	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.88	17.02	16.87	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.80	17.05	16.89	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.97	16.98	16.95	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.86	17.11	16.84	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.94	16.99	16.78	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.90	16.97	16.94	18.5	0.0

n5 Ant1 DSI5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.84	22.04	21.95	23.0	0.0
20	PI/2 BPSK	1	53	21.76	21.86	21.62		
20	PI/2 BPSK	1	104	21.59	21.74	21.71		
20	PI/2 BPSK	50	0	21.22	21.31	21.23	22.5	0.5
20	PI/2 BPSK	50	28	21.65	21.72	21.67	23.0	0.0
20	PI/2 BPSK	50	56	21.05	21.23	20.95	22.5	0.5
20	PI/2 BPSK	100	0	21.29	21.42	21.15		
20	QPSK	1	1	21.99	22.09	21.88	23.0	0.0
20	QPSK	1	53	21.79	21.89	21.80		

20	QPSK	1	104	21.47	21.77	21.62		
20	QPSK	50	0	20.73	20.82	20.70	22.0	1.0
20	QPSK	50	28	21.63	21.98	21.65	23.0	0.0
20	QPSK	50	56	20.47	20.67	20.59	22.0	1.0
20	QPSK	100	0	20.64	20.91	20.65		
20	16QAM	1	1	20.74	20.76	20.57	22.0	1.0
20	64QAM	1	1	19.07	19.47	19.09	20.5	2.5
20	256QAM	1	1	17.15	17.51	17.18	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.80	22.00	21.81	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.84	22.02	21.61	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.85	21.92	21.74	23.0	0.0

n26 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				164800	166300	167800	23.0	0.0
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.85	21.87	21.74		
20	PI/2 BPSK	1	53	21.79	21.97	21.94	22.5	0.5
20	PI/2 BPSK	1	104	21.74	21.80	21.69		
20	PI/2 BPSK	50	0	21.30	21.49	21.37		
20	PI/2 BPSK	50	28	21.93	22.04	22.05	23.0	0.0
20	PI/2 BPSK	50	56	21.37	21.41	21.36	22.5	0.5
20	PI/2 BPSK	100	0	21.43	21.48	21.45		
20	QPSK	1	1	21.97	22.11	21.90	23.0	0.0
20	QPSK	1	53	22.03	22.09	21.99		
20	QPSK	1	104	21.90	21.98	21.81		
20	QPSK	50	0	20.96	20.96	20.78	22.0	1.0
20	QPSK	50	28	21.83	22.03	22.01	23.0	0.0
20	QPSK	50	56	20.90	20.98	20.82	22.0	1.0
20	QPSK	100	0	20.95	20.97	20.75		
20	16QAM	1	1	20.82	20.86	20.78	22.0	1.0
20	64QAM	1	1	19.74	19.86	19.88	20.5	2.5
20	256QAM	1	1	17.29	17.34	17.32	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.78	21.93	21.88	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.74	21.89	21.91	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.70	21.97	21.74	23.0	0.0

n71 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600	23.0	0.0
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.86	22.17	22.02		
20	PI/2 BPSK	1	53	21.84	22.08	21.87	22.5	0.5
20	PI/2 BPSK	1	104	21.88	21.95	21.76		
20	PI/2 BPSK	50	0	21.32	21.66	21.30		
20	PI/2 BPSK	50	28	21.72	22.08	21.85	22.5	0.0
20	PI/2 BPSK	50	56	21.23	21.52	21.17		
20	PI/2 BPSK	100	0	21.42	21.62	21.38		
20	QPSK	1	1	22.01	22.37	22.00	23.0	0.0
20	QPSK	1	53	21.94	22.04	21.94		
20	QPSK	1	104	21.77	22.11	21.82		
20	QPSK	50	0	20.85	21.09	20.80	22.0	1.0
20	QPSK	50	28	21.85	22.07	21.84		
20	QPSK	50	56	20.80	20.97	20.63		
20	QPSK	100	0	20.84	20.92	20.89	22.0	1.0
20	16QAM	1	1	20.60	20.92	20.75		
20	64QAM	1	1	19.36	19.41	19.35		
20	256QAM	1	1	17.11	17.33	17.31	18.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	21.93	22.05	21.98	23.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	21.95	22.12	21.79	23.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	21.81	22.14	21.96	23.0	0.0

<WLAN Conducted Power>

General Note:

1. The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default power measurement procedures. For “Not required”, SAR Test reduction was applied from KDB 248227 guidance, Sec. 2.1, b), 1) when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration. Additional output power measurements were not necessary.
2. Per KDB 248227 D01v02r02, SAR test reduction is determined according to 802.11 transmission mode configurations and certain exposure conditions with multiple test positions. In the 2.4 GHz band, separate SAR procedures are applied to DSSS and OFDM configurations to simplify DSSS test requirements. For OFDM, in both 2.4 and 5 GHz bands, an initial test configuration must be determined for each standalone and aggregated frequency band, according to the transmission mode configuration with the highest maximum output power specified for production units to perform SAR measurements. If the same highest maximum output power applies to different combinations of channel bandwidths, modulations and data rates, additional procedures are applied to determine which test configurations require SAR measurement. When applicable, an initial test position may be applied to reduce the number of SAR measurements required for next to the ear, UMPC mini-tablet or hotspot mode configurations with multiple test positions.
3. For 2.4 GHz 802.11b DSSS, either the initial test position procedure for multiple exposure test positions or the DSSS procedure for fixed exposure position is applied; these are mutually exclusive. For 2.4 GHz and 5 GHz OFDM configurations, the initial test configuration is applied to measure SAR using either the initial test position procedure for multiple exposure test position configurations or the initial test configuration procedures for fixed exposure test conditions. Based on the reported SAR of the measured configurations and maximum output power of the transmission mode configurations that are not included in the initial test configuration, the subsequent test configuration and initial test position procedures are applied to determine if SAR measurements are required for the remaining OFDM transmission configurations. In general, the number of test channels that require SAR measurement is minimized based on maximum output power measured for the test sample(s).
4. For OFDM transmission configurations in the 2.4 GHz and 5 GHz bands, When the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel for each frequency band.
5. DSSS and OFDM configurations are considered separately according to the required SAR procedures. SAR is measured in the initial test position using the 802.11 transmission mode configuration required by the DSSS procedure or initial test configuration and subsequent test configuration(s) according to the OFDM procedures.18 The initial test position procedure is described in the following:
 - a. When the reported SAR of the initial test position is ≤ 0.4 W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and 802.11 transmission mode combinations within the frequency band or aggregated band.
 - b. When the reported SAR of the test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position on the highest maximum output power channel, until the report SAR is ≤ 0.8 W/kg or all required test position are tested.
 - c. For all positions/configurations, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.
6. 802.11 ax supports both full tone size mode and partial tone size mode, after verification on partial tone size mode that partial size tone mode power will not be higher than full tone size mode, therefore, full tone mode power was chosen to be measured in this report.
7. For WLAN2.4GHz/5GHz SISO & MIMO(CDD) &TX Beamforming mode of 802.11ax, and WLAN SISO & TX Beamforming mode is not higher than WLAN MIMO(CDD) mode, so conducted power of WLAN2.4GHz/5GHz SISO &Tx Beamforming mode is not required.
8. SISO and MIMO all supported by WLAN2.4GHz/WLAN5GHz, for SISO mode power is less than per chain power of MIMO mode. For WLAN SISO & MIMO mode, the whole testing has assessed only MIMO mode by referring to their higher conducted power, so only chose MIMO mode to perform SAR testing. However, in order to do SISO simultaneous transmission, we tested the WLAN 2.4GHz SISO antenna 9.
9. For the conducted power measurement is MIMO chains transmitting simultaneously and measured the separately conducted power for both chains and then based on the conducted power of two antennas respectively to calculate sum of the power for MIMO mode.



<WLAN2.4GHz>

2.4GHz WLAN				Ant 7 Default		Ant 9 Default		Ant 7+9 Default			Ant 7 Head Standalone Non DBS		Ant 9 Head Standalone Non DBS		Ant 7+9 Head Standalone	
				Body-Worn&Extremity Standalone Non DBS		Body-Worn&Extremity Standalone Non DBS		Body-Worn&Extremity Standalone Non DBS			Body-Worn&Extremity Standalone DBS only		Body-Worn&Extremity Standalone DBS only		Body-Worn&Extremity Standalone DBS only	
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Power Setting	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
	802.11b 1Mbps	1	2412	19.52	21.00	19.55	21.00	22.55	24.00	19.50	15.75	17.50	16.40	18.00	19.10	20.80
		6	2437	19.58	21.00	19.50	21.00	22.55	24.00	19.50	15.79	17.50	16.58	18.00	19.19	20.80
		11	2462	19.60	21.00	19.69	21.50	22.66	24.30	19.50	15.83	17.50	16.60	18.00	19.17	20.80
	802.11g 6Mbps	1	2412	18.53	20.00	18.77	20.50	21.66	23.30	19.00	Not Required	17.50	Not Required	18.00	Not Required	20.80
		6	2437	18.94	20.50	19.02	20.50	21.99	23.50	19.50		17.50		18.00		20.80
		11	2462	17.59	19.00	17.86	19.50	20.74	22.30	18.00		17.50		18.00		20.80
	802.11n-HT20 MCS0	1	2412	17.22	19.00	17.52	19.00	20.38	22.00	18.00		17.50		18.00		20.80
		6	2437	18.10	19.50	18.17	20.00	21.15	22.80	19.00		17.50		18.00		20.80
		11	2462	17.33	19.00	17.53	19.00	20.44	22.00	18.00		17.50		18.00		20.80
	802.11ac-VHT20 MCS0	1	2412	17.28	19.00	17.59	19.00	20.45	22.00	18.00		17.50		18.00		20.80
		6	2437	18.15	19.50	18.27	20.00	21.22	22.80	19.00		17.50		18.00		20.80
		11	2462	17.41	19.00	17.62	19.50	20.53	22.30	18.00		17.50		18.00		20.80
	802.11ax-HE20 MCS0	1	2412	17.34	19.00	17.65	19.50	20.51	22.30	18.00		17.50		18.00		20.80
		6	2437	18.27	20.00	18.30	20.00	21.30	23.00	19.00		17.50		18.00		20.80
		11	2462	17.45	19.00	17.67	19.50	20.57	22.30	18.00		17.50		18.00		20.80

2.4GHz WLAN				Ant 7 Head Standalone DBS only		Ant 9 Head Standalone DBS only		Ant 7+9 Head Standalone DBS only		Ant 7 Head Simultaneous Non DBS		Ant 9 Head Simultaneous Non DBS		Ant 7+9 Head Simultaneous Non DBS		Ant 7 Head Simultaneous DBS	
2.4GHz WLAN	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
	802.11b 1Mbps	1	2412	12.82	14.50	14.00	15.50	16.46	18.00	12.11	13.50	12.33	14.00	15.23	16.80	8.65	10.00
		6	2437	12.92	14.50	14.07	15.50	16.54	18.00	11.83	13.50	12.41	14.00	15.14	16.80	8.69	10.00
		11	2462	12.77	14.50	14.22	15.50	16.57	18.00	12.04	13.50	12.64	14.00	15.36	16.80	8.72	10.00
	802.11g 6Mbps	1	2412	Not Required	14.50	Not Required	15.50	Not Required	18.00	Not Required	13.50	Not Required	14.00	Not Required	16.80	Not Required	10.00
		6	2437		14.50		15.50		18.00		13.50		14.00		16.80		10.00
		11	2462		14.50		15.50		18.00		13.50		14.00		16.80		10.00
	802.11n-HT20 MCS0	1	2412		14.50		15.50		18.00		13.50		14.00		16.80		10.00
		6	2437		14.50		15.50		18.00		13.50		14.00		16.80		10.00
		11	2462		14.50		15.50		18.00		13.50		14.00		16.80		10.00
	802.11ac-VHT20 MCS0	1	2412		14.50		15.50		18.00		13.50		14.00		16.80		10.00
		6	2437		14.50		15.50		18.00		13.50		14.00		16.80		10.00
		11	2462		14.50		15.50		18.00		13.50		14.00		16.80		10.00
	802.11ax-HE20 MCS0	1	2412		14.50		15.50		18.00		13.50		14.00		16.80		10.00
		6	2437		14.50		15.50		18.00		13.50		14.00		16.80		10.00
		11	2462		14.50		15.50		18.00		13.50		14.00		16.80		10.00

2.4GHz WLAN				Ant 9 Head Simultaneous DBS		Ant 7+9 Head Simultaneous DBS		Ant 7 Hotspot Standalone Non DBS		Ant 9 Hotspot Standalone Non DBS		Ant 7+9 Hotspot Standalone Non DBS		Ant 7 Hotspot Standalone DBS only		Ant 9 Hotspot Standalone DBS only	
2.4GHz WLAN	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
	802.11b 1Mbps	1	2412	8.90	10.50	11.79	13.30	17.65	19.00	18.25	20.00	21.07	22.50	14.92	16.50	15.28	17.00
		6	2437	8.99	10.50	11.85	13.30	17.76	19.00	18.28	20.00	21.04	22.50	15.08	16.50	15.55	17.00
		11	2462	9.14	10.50	11.95	13.30	17.78	19.00	18.44	20.00	21.13	22.50	14.89	16.50	15.44	17.00
	802.11g 6Mbps	1	2412	Not Required	10.50	Not Required	13.30	Not Required	19.00	Not Required	20.00	Not Required	22.50	Not Required	16.50	Not Required	17.00
		6	2437		10.50		13.30		19.00		20.00		22.50		16.50		17.00
		11	2462		10.50		13.30		19.00		19.50		22.30		16.50		17.00
	802.11n-HT20 MCS0	1	2412		10.50		13.30		19.00		19.00		22.00		16.50		17.00
		6	2437		10.50		13.30		19.00		20.00		22.50		16.50		17.00
		11	2462		10.50		13.30		19.00		19.00		22.00		16.50		17.00
	802.11ac-VHT20 MCS0	1	2412		10.50		13.30		19.00		20.00		22.50		16.50		17.00
		6	2437		10.50		13.30		19.00		20.00		22.50		16.50		17.00
		11	2462		10.50		13.30		19.00		19.50		22.30		16.50		17.00
	802.11ax-HE20 MCS0	1	2412		10.50		13.30		19.00		19.50		22.30		16.50		17.00
		6	2437		10.50		13.30		19.00		20.00		22.50		16.50		17.00
		11	2462		10.50		13.30		19.00		19.50		22.30		16.50		17.00

2.4GHz WLAN				Ant 7+9 Hotspot Standalone DBS only		Ant 7 Hotspot Non DBS Simultaneous Body-Worn&Extremity Non DBS Simultaneous		Ant 9 Hotspot Non DBS Simultaneous Body-Worn&Extremity Non DBS Simultaneous		Ant 7+9 Hotspot Non DBS Simultaneous Body-Worn&Extremity Non DBS Simultaneous		Ant 7 Hotspot DBS Simultaneous Body-Worn&Extremity DBS Simultaneous		Ant 9 Hotspot DBS Simultaneous Body-Worn&Extremity DBS Simultaneous		Ant 7+9 Hotspot DBS Simultaneous Body-Worn&Extremity DBS Simultaneous		Duty Cycle %
2.4GHz WLAN	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	98.35
	802.11b 1Mbps	1	2412	18.11	19.80	13.31	15.00	14.38	16.00	16.89	18.50	10.98	12.50	11.28	13.00	14.14	15.80	
		6	2437	18.33	19.80	13.36	15.00	14.49	16.00	16.97	18.50	10.89	12.50	11.39	13.00	14.16	15.80	
		11	2462	18.18	19.80	13.38	15.00	14.74	16.00	17.12	18.50	10.91	12.50	11.59	13.00	14.27	15.80	99.11
	802.11g 6Mbps	1	2412	Not Required	19.80	Not Required	15.00	Not Required	16.00	Not Required	18.50	Not Required	12.50	Not Required	13.00	Not Required	15.80	
		6	2437		19.80		15.00		16.00		18.50		12.50		13.00		15.80	
		11	2462		19.80		15.00		16.00		18.50		12.50		13.00		15.80	
	802.11n-HT20 MCS0	1	2412		19.80		15.00		16.00		18.50		12.50		13.00		15.80	100.00
		6	2437		19.80		15.00		16.00		18.50		12.50		13.00		15.80	
		11	2462		19.80		15.00		16.00		18.50		12.50		13.00		15.80	
	802.11ac-VHT20 MCS0	1	2412		19.80		15.00		16.00		18.50		12.50		13.00		15.80	100.00
		6	2437		19.80		15.00		16.00		18.50		12.50		13.00		15.80	
		11	2462		19.80		15.00		16.00		18.50		12.50		13.00		15.80	
	802.11ax-HE20 MCS0	1	2412		19.80		15.00		16.00		18.50		12.50		13.00		15.80	100.00
		6	2437		19.80		15.00		16.00		18.50		12.50		13.00		15.80	
		11	2462		19.80		15.00		16.00		18.50		12.50		13.00		15.80	

2.4GHz WLAN				Ant 9 Full Power Body-Worn&Extremity Standalone Non DBS&Standalone Standalone DBS only&Simultaneous Non DBS Hotspot Standalone Non DBS Standalone Standalone DBS only		Ant 9 Head Standalone Non DBS Body-Worn&Extremity Simultaneous DBS		Ant 9 Head Standalone Standalone DBS only		Ant 9 Head Simultaneous Non DBS		Ant 9 Head Simultaneous DBS		Ant 9 Hotspot Simultaneous Non DBS		Ant 9 Hotspot Simultaneous DBS		Duty Cycle %
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
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.55	21.00	16.40	18.00	14.00	15.50	10.05	11.50	8.90	10.50	17.12	18.50	14.00	15.50	98.35
		6	2437	19.50	21.00	16.58	18.00	14.07	15.50	10.11	11.50	8.99	10.50	17.08	18.50	14.06	15.50	
		11	2462	19.69	21.50	16.60	18.00	14.22	15.50	10.14	11.50	9.14	10.50	17.13	18.50	14.29	15.50	
	802.11g 6Mbps	1	2412	18.77	20.50	Not Required	18.00	Not Required	15.50	Not Required	11.50	Not Required	10.50	Not Required	18.50	Not Required	15.50	99.11
		6	2437	19.02	20.50		18.00		15.50		11.50		10.50		18.50		15.50	
		11	2462	17.86	19.50		18.00		15.50		11.50		10.50		18.50		15.50	
	802.11n-HT20 MCS0	1	2412	17.52	19.00	Not Required	18.00	Not Required	15.50	Not Required	11.50	Not Required	10.50	Not Required	18.50	Not Required	15.50	100.00
		6	2437	18.17	20.00		18.00		15.50		11.50		10.50		18.50		15.50	
		11	2462	17.53	19.00		18.00		15.50		11.50		10.50		18.50		15.50	
	802.11ac-VHT20 MCS0	1	2412	17.59	19.00	Not Required	18.00	Not Required	15.50	Not Required	11.50	Not Required	10.50	Not Required	18.50	Not Required	15.50	100.00
		6	2437	18.27	20.00		18.00		15.50		11.50		10.50		18.50		15.50	
		11	2462	17.62	19.50		18.00		15.50		11.50		10.50		18.50		15.50	
	802.11ax-HE20 MCS0	1	2412	17.65	19.50	Not Required	18.00	Not Required	15.50	Not Required	11.50	Not Required	10.50	Not Required	18.50	Not Required	15.50	100%
		6	2437	18.30	20.00		18.00		15.50		11.50		10.50		18.50		15.50	
		11	2462	17.67	19.50		18.00		15.50		11.50		10.50		18.50		15.50	

<WLAN5.2GHz>

5.2GHz WLAN				Ant 8 Default		Ant 10 Default		Ant 8+10 Default		Ant 8 Head Standalone Non DBS		Ant 10 Head Standalone Non DBS		Ant 8+10 Head Standalone Non DBS		Duty Cycle %
				Body-Worn&Extremity Standalone Non DBS		Body-Worn&Extremity Standalone Non DBS		Body-Worn&Extremity Standalone Non DBS		Body-Worn&Extremity Non DBS Simultaneous		Body-Worn&Extremity Non DBS Simultaneous		Body-Worn&Extremity Non DBS Simultaneous		
	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	
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.99	20.50	19.21	21.00	22.11	23.80	Not Required	15.50	Not Required	15.00	Not Required	18.30	99.32
		40	5200	19.46	21.00	19.61	21.50	22.55	24.30		15.50		15.00		18.30	
		44	5220	19.48	21.00	19.56	21.50	22.53	24.30		15.50		15.00		18.30	
		48	5240	19.41	21.00	19.42	21.00	22.42	24.00		15.50		15.00		18.30	
	802.11n-HT20 MCS0	36	5180	18.31	20.00	18.35	20.00	21.34	23.00		15.50		15.00		18.30	100.00
		40	5200	18.22	20.00	18.35	20.00	21.30	23.00		15.50		15.00		18.30	
		44	5220	18.19	20.00	18.24	20.00	21.23	23.00		15.50		15.00		18.30	
		48	5240	18.23	20.00	18.21	20.00	21.23	23.00		15.50		15.00		18.30	
	802.11n-HT40 MCS0	38	5190	17.67	19.50	17.82	19.50	20.76	22.50		15.50		15.00		18.30	100.00
		46	5230	17.44	19.00	17.64	19.50	20.55	22.30		15.50		15.00		18.30	
	802.11ac-VHT20 MCS0	36	5180	18.36	20.00	18.43	20.00	21.41	23.00		15.50		15.00		18.30	100.00
		40	5200	18.29	20.00	18.44	20.00	21.38	23.00		15.50		15.00		18.30	
		44	5220	18.22	20.00	18.29	20.00	21.27	23.00		15.50		15.00		18.30	
		48	5240	18.27	20.00	18.25	20.00	21.27	23.00		15.50		15.00		18.30	
	802.11ac-VHT40 MCS0	38	5190	17.71	19.50	17.90	19.50	20.82	22.50		15.50		15.00		18.30	100.00
		46	5230	17.51	19.00	17.70	19.50	20.62	22.30		15.50		15.00		18.30	
	802.11ac-VHT80 MCS0	42	5210	16.92	18.50	17.20	19.00	20.07	21.80	13.72	15.50	13.62	15.00	16.68	18.30	100.00
	802.11ax-HE20 MCS0	36	5180	18.42	20.00	18.49	20.00	21.47	23.00	Not Required	15.50	Not Required	15.00	Not Required	18.30	100.00
		40	5200	18.36	20.00	18.46	20.00	21.42	23.00		15.50		15.00		18.30	
		44	5220	18.24	20.00	18.32	20.00	21.29	23.00		15.50		15.00		18.30	
		48	5240	18.33	20.00	18.29	20.00	21.32	23.00		15.50		15.00		18.30	
	802.11ax-HE40 MCS0	38	5190	17.75	19.50	17.95	19.50	20.86	22.50		15.50		15.00		18.30	100.00
		46	5230	17.55	19.50	17.73	19.50	20.65	22.50		15.50		15.00		18.30	
	802.11ax-HE80 MCS0	42	5210	16.95	18.50	17.27	19.00	20.12	21.80		15.50		15.00		18.30	100.00

5.2GHz WLAN				Ant 8 Head Standalone DBS only Body-Worn&Extremity DBS Simultaneous		Ant 10 Head Standalone DBS only Body-Worn&Extremity DBS Simultaneous		Ant 8+10 Head Standalone DBS only Body-Worn&Extremity DBS Simultaneous		Ant 8 Head Non DBS Simultaneous		Ant 10 Head Non DBS Simultaneous		Ant 8+10 Head Non DBS Simultaneous		Duty Cycle %
	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	
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	12.00	Not Required	12.00	Not Required	15.00	Not Required	11.50	Not Required	11.50	Not Required	14.50	99.32
		40	5200		12.00		12.00		15.00		11.50		11.50		14.50	
		44	5220		12.00		12.00		15.00		11.50		11.50		14.50	
		48	5240		12.00		12.00		15.00		11.50		11.50		14.50	
	802.11n-HT20 MCS0	36	5180	Not Required	12.00	Not Required	12.00	Not Required	15.00	Not Required	11.50	Not Required	11.50	Not Required	14.50	100.00
		40	5200		12.00		12.00		15.00		11.50		11.50		14.50	
		44	5220		12.00		12.00		15.00		11.50		11.50		14.50	
		48	5240		12.00		12.00		15.00		11.50		11.50		14.50	
	802.11n-HT40 MCS0	38	5190	Not Required	12.00	Not Required	12.00	Not Required	15.00	Not Required	11.50	Not Required	11.50	Not Required	14.50	100.00
		46	5230		12.00		12.00		15.00		11.50		11.50		14.50	
	802.11ac-VHT20 MCS0	36	5180	Not Required	12.00	Not Required	12.00	Not Required	15.00	Not Required	11.50	Not Required	11.50	Not Required	14.50	100.00
		40	5200		12.00		12.00		15.00		11.50		11.50		14.50	
		44	5220		12.00		12.00		15.00		11.50		11.50		14.50	
		48	5240		12.00		12.00		15.00		11.50		11.50		14.50	
	802.11ac-VHT40 MCS0	38	5190	Not Required	12.00	Not Required	12.00	Not Required	15.00	Not Required	11.50	Not Required	11.50	Not Required	14.50	100.00
		46	5230		12.00		12.00		15.00		11.50		11.50		14.50	
	802.11ac-VHT80 MCS0	42	5210	10.61	12.00	10.52	12.00	13.58	15.00	10.01	11.50	9.85	11.50	12.93	14.50	100.00

	802.11ax-HE20 MCS0	36	5180	Not Required	12.00	Not Required	12.00	Not Required	15.00	Not Required	11.50	Not Required	11.50	Not Required	14.50	100.00
		40	5200		12.00		12.00		15.00		11.50		11.50		14.50	
		44	5220		12.00		12.00		15.00		11.50		11.50		14.50	
		48	5240		12.00		12.00		15.00		11.50		11.50		14.50	
	802.11ax-HE40 MCS0	38	5190	Not Required	12.00	Not Required	12.00	Not Required	15.00	Not Required	11.50	Not Required	11.50	Not Required	14.50	100.00
		46	5230		12.00		12.00		15.00		11.50		11.50		14.50	
	802.11ax-HE80 MCS0	42	5210		12.00		12.00		15.00		11.50		11.50		14.50	100.00

5.2GHz WLAN				Ant 8 Head Simultaneous DBS		Ant 10 Head Simultaneous DBS		Ant 8+10 Head Simultaneous DBS		Ant 8 Hotspot Standalone Non DBS		Ant 10 Hotspot Standalone Non DBS		Ant 8+10 Hotspot Standalone Non DBS		Duty Cycle %		
5.2GHz WLAN	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			
	802.11a 6Mbps	36	5180	Not Required	8.00	Not Required	8.50	Not Required	11.30	18.47	20.00	18.65	20.00	21.61	23.00	99.32		
		40	5200		8.00		8.50		11.30	18.40	20.00	18.48	20.00	21.54	23.00			
		44	5220		8.00		8.50		11.30	18.43	20.00	18.46	20.00	21.53	23.00			
		48	5240		8.00		8.50		11.30	18.41	20.00	18.42	20.00	21.55	23.00			
	802.11n-HT20 MCS0	36	5180		8.00	8.50	11.30		Not Required	20.00	Not Required	20.00	Not Required	23.00	100.00			
		40	5200		8.00	8.50	11.30			20.00		20.00		23.00				
		44	5220		8.00	8.50	11.30			20.00		20.00		23.00				
		48	5240		8.00	8.50	11.30			20.00		20.00		23.00				
	802.11n-HT40 MCS0	38	5190		8.00	8.50	11.30		Not Required	19.50	Not Required	19.50	Not Required	22.50	100.00			
		46	5230		8.00	8.50	11.30			19.00		19.50		22.30				
	802.11ac-VHT20 MCS0	36	5180		8.00	8.50	11.30		Not Required	20.00	Not Required	20.00	Not Required	23.00	100.00			
		40	5200		8.00	8.50	11.30			20.00		20.00		23.00				
		44	5220		8.00	8.50	11.30			20.00		20.00		23.00				
		48	5240		8.00	8.50	11.30			20.00		20.00		23.00				
	802.11ac-VHT40 MCS0	38	5190		8.00	8.50	11.30		Not Required	19.50	Not Required	19.50	Not Required	22.50	100.00			
46		5230	8.00		8.50	11.30	19.00			19.50		22.30						
802.11ac-VHT80 MCS0	42	5210	6.53	8.00	6.90	8.50	9.73	11.30	Not Required	18.50	Not Required	19.00	Not Required	21.80	100.00			
802.11ax-HE20 MCS0	36	5180	Not Required	8.00	Not Required	8.50	Not Required	11.30		20.00		20.00		23.00	100.00			
	40	5200		8.00		8.50		11.30		20.00		20.00		23.00				
	44	5220		8.00		8.50		11.30		20.00		20.00		23.00				
	48	5240		8.00		8.50		11.30		20.00		20.00		23.00				
802.11ax-HE40 MCS0	38	5190	Not Required	8.00	Not Required	8.50	Not Required	11.30		19.50		19.50		22.50	100.00			
	46	5230		8.00		8.50		11.30		19.50		19.50		22.50				
802.11ax-HE80 MCS0	42	5210	Not Required	8.00	Not Required	8.50	Not Required	11.30		Not Required		18.50		Not Required	19.00	Not Required	21.80	100.00

5.2GHz WLAN				Ant 8 Hotspot Standalone DBS only		Ant 10 Hotspot Standalone DBS only		Ant 8+10 Hotspot Standalone DBS only		Ant 8 Hotspot Non DBS Simultaneous		Ant 10 Hotspot Non DBS Simultaneous		Ant 8+10 Hotspot Non DBS Simultaneous		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	16.00	Not Required	16.00	Not Required	19.00	Not Required	15.00	Not Required	14.50	Not Required	17.80	99.32
		40	5200		16.00		16.00		19.00		15.00		14.50		17.80	
		44	5220		16.00		16.00		19.00		15.00		14.50		17.80	
		48	5240		16.00		16.00		19.00		15.00		14.50		17.80	
	802.11n-HT20 MCS0	36	5180	Not Required	16.00	Not Required	16.00	Not Required	19.00	Not Required	15.00	Not Required	14.50	Not Required	17.80	100.00
		40	5200		16.00		16.00		19.00		15.00		14.50		17.80	
		44	5220		16.00		16.00		19.00		15.00		14.50		17.80	
		48	5240		16.00		16.00		19.00		15.00		14.50		17.80	
	802.11n-HT40 MCS0	38	5190	Not Required	16.00	Not Required	16.00	Not Required	19.00	Not Required	15.00	Not Required	14.50	Not Required	17.80	100.00
		46	5230		16.00		16.00		19.00		15.00		14.50		17.80	
	802.11ac-VHT20 MCS0	36	5180	Not Required	16.00	Not Required	16.00	Not Required	19.00	Not Required	15.00	Not Required	14.50	Not Required	17.80	100.00
		40	5200		16.00		16.00		19.00		15.00		14.50		17.80	
		44	5220		16.00		16.00		19.00		15.00		14.50		17.80	
		48	5240		16.00		16.00		19.00		15.00		14.50		17.80	

	802.11ac-VHT40 MCS0	48	5240		16.00		16.00		19.00		15.00		14.50		17.80	100.00
		38	5190		16.00		16.00		19.00		15.00		14.50		17.80	
		46	5230		16.00		16.00		19.00		15.00		14.50		17.80	
	802.11ac-VHT80 MCS0	42	5210	14.63	16.00	14.51	16.00	17.58	19.00	13.48	15.00	13.13	14.50	16.32	17.80	100.00
	802.11ax-HE20 MCS0	36	5180	Not Required	16.00	Not Required	16.00	Not Required	19.00	Not Required	15.00	Not Required	14.50	Not Required	17.80	100.00
		40	5200		16.00		16.00		19.00		15.00		14.50		17.80	
		44	5220		16.00		16.00		19.00		15.00		14.50		17.80	
		48	5240		16.00		16.00		19.00		15.00		14.50		17.80	
	802.11ax-HE40 MCS0	38	5190	Not Required	16.00	Not Required	16.00	Not Required	19.00	Not Required	15.00	Not Required	14.50	Not Required	17.80	100.00
		46	5230		16.00		16.00		19.00		15.00		14.50		17.80	
	802.11ax-HE80 MCS0	42	5210		16.00		16.00		19.00		15.00		14.50		17.80	100.00

5.2GHz WLAN				Ant 8 Hotspot DBS Simultaneous		Ant 10 Hotspot DBS Simultaneous		Ant 8+10 Hotspot DBS Simultaneous		Ant 8 Body-Worn&Extremity Standalone DBS only		Ant 10 Body-Worn&Extremity Standalone DBS only		Ant 8+10 Body-Worn&Extremity Standalone DBS only		Duty Cycle %						
	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							
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	11.50	Not Required	11.50	Not Required	14.50	Not Required	17.00	Not Required	17.00	Not Required	20.00	99.32						
		40	5200		11.50		11.50		14.50		17.00		17.00		20.00							
		44	5220		11.50		11.50		14.50		17.00		17.00		20.00							
		48	5240		11.50		11.50		14.50		17.00		17.00		20.00							
	802.11n-HT20 MCS0	36	5180		11.50		11.50		14.50		17.00		17.00		20.00	100.00						
		40	5200		11.50		11.50		14.50		17.00		17.00		20.00							
		44	5220		11.50		11.50		14.50		17.00		17.00		20.00							
		48	5240		11.50		11.50		14.50		17.00		17.00		20.00							
	802.11n-HT40 MCS0	38	5190		11.50		11.50		14.50		17.00		17.00		20.00	100.00						
		46	5230		11.50		11.50		14.50		17.00		17.00		20.00							
	802.11ac-VHT20 MCS0	36	5180		11.50		11.50		14.50		17.00		17.00		20.00	100.00						
		40	5200		11.50		11.50		14.50		17.00		17.00		20.00							
		44	5220		11.50		11.50		14.50		17.00		17.00		20.00							
		48	5240		11.50		11.50		14.50		17.00		17.00		20.00							
	802.11ac-VHT40 MCS0	38	5190		11.50		11.50		14.50		17.00		17.00		20.00	100.00						
		46	5230		11.50		11.50		14.50		17.00		17.00		20.00							
	802.11ac-VHT80 MCS0	42	5210		10.13		11.50		9.97		11.50		13.06		14.50	15.65	17.00	15.36	17.00	18.52	20.00	100.00
	802.11ax-HE20 MCS0	36	5180		Not Required		11.50		Not Required		11.50		Not Required		14.50	Not Required	17.00	Not Required	17.00	Not Required	20.00	100.00
		40	5200				11.50				11.50				14.50		17.00		17.00		20.00	
		44	5220				11.50				11.50				14.50		17.00		17.00		20.00	
		48	5240				11.50				11.50				14.50		17.00		17.00		20.00	
	802.11ax-HE40 MCS0	38	5190				11.50				11.50				14.50		17.00		17.00		20.00	100.00
		46	5230				11.50				11.50				14.50		17.00		17.00		20.00	
	802.11ax-HE80 MCS0	42	5210				11.50				11.50				14.50		17.00		17.00		20.00	100.00

<WLAN5.3GHz>

5.3GHz WLAN				Ant 8 Default		Ant 10 Default		Ant 8+10 Default		Ant 8 Head Standalone Non DBS		Ant 10 Head Standalone Non DBS		Ant 8+10 Head Standalone Non DBS		Duty Cycle %
				Body-Worn&Extremity Standalone Non DBS		Body-Worn&Extremity Standalone Non DBS		Body-Worn&Extremity Standalone Non DBS		Body-Worn&Extremity Non DBS Simultaneous		Body-Worn&Extremity Non DBS Simultaneous		Body-Worn&Extremity Non DBS Simultaneous		
	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	
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.64	21.50	19.36	21.00	22.51	24.30		15.50		15.00		18.30	99.32
		56	5280	19.66	21.50	19.38	21.00	22.53	24.30		15.50		15.00		18.30	
		60	5300	19.39	21.00	18.87	20.50	22.15	23.80		15.50		15.00		18.30	
		64	5320	19.81	21.50	19.39	21.00	22.62	24.30		15.50		15.00		18.30	
	802.11n-HT20 MCS0	52	5260	18.12	20.00	17.81	19.50	20.98	22.80	Not Required	15.50	Not Required	15.00	Not Required	18.30	100.00
		56	5280	18.21	20.00	17.68	19.50	20.96	22.80		15.50		15.00		18.30	
		60	5300	18.31	20.00	17.61	19.50	20.98	22.80		15.50		15.00		18.30	
		64	5320	18.22	20.00	17.56	19.50	20.91	22.80		15.50		15.00		18.30	
	802.11n-HT40 MCS0	54	5270	17.81	19.50	17.59	19.50	20.71	22.50	Not Required	15.50	Not Required	15.00	Not Required	18.30	100.00
		62	5310	17.66	19.50	17.49	19.00	20.59	22.30		15.50		15.00		18.30	
	802.11ac-VHT20 MCS0	52	5260	18.20	20.00	17.84	19.50	21.03	22.80		15.50		15.00		18.30	100.00
		56	5280	18.25	20.00	17.76	19.50	21.02	22.80		15.50		15.00		18.30	
		60	5300	18.37	20.00	17.66	19.50	21.04	22.80		15.50		15.00		18.30	
		64	5320	18.31	20.00	17.63	19.50	20.99	22.80		15.50		15.00		18.30	
	802.11ac-VHT40 MCS0	54	5270	17.87	19.50	17.65	19.50	20.77	22.50		15.50		15.00		18.30	100.00
		62	5310	17.74	19.50	17.57	19.50	20.67	22.50		15.50		15.00		18.30	
	802.11ac-VHT80 MCS0	58	5290	17.25	19.00	17.00	18.50	20.14	21.80		15.50		15.00		18.30	100.00
	802.11ac-VHT160 MCS0	50	5250	16.83	18.5	16.76	18.50	19.81	21.50	14.08	15.50	13.56	15.00	16.84	18.30	100
	802.11ax-HE20 MCS0	52	5260	18.24	20.00	17.88	19.50	21.07	22.80	Not Required	15.50	Not Required	15.00	Not Required	18.30	100.00
		56	5280	18.29	20.00	17.81	19.50	21.07	22.80		15.50		15.00		18.30	
		60	5300	18.42	20.00	17.70	19.50	21.09	22.80		15.50		15.00		18.30	
		64	5320	18.33	20.00	17.66	19.50	21.02	22.80		15.50		15.00		18.30	
	802.11ax-HE40 MCS0	54	5270	17.95	19.50	17.69	19.50	20.83	22.50	Not Required	15.50	Not Required	15.00	Not Required	18.30	100.00
		62	5310	17.78	19.50	17.66	19.50	20.73	22.50		15.50		15.00		18.30	
	802.11ax-HE80 MCS0	58	5290	17.33	19.00	17.09	19.00	20.22	22.00		15.50		15.00		18.30	100.00
	802.11ax-HE160 MCS0	50	5250	16.98	18.5	16.83	18.50	19.92	21.5		15.50		15.00		18.30	100

5.3GHz WLAN				Ant 8 Head Standalone DBS only Body-Worn&Extremity DBS Simultaneous		Ant 10 Head Standalone DBS only Body-Worn&Extremity DBS Simultaneous		Ant 8+10 Head Standalone DBS only Body-Worn&Extremity DBS Simultaneous		Ant 8 Head Non DBS Simultaneous		Ant 10 Head Non DBS Simultaneous		Ant 8+10 Head Non DBS Simultaneous		Duty Cycle %
	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	
5.3GHz WLAN	802.11a 6Mbps	52	5260		12.50		12.50		15.50		11.00		11.00		14.00	99.32
		56	5280		12.50		12.50		15.50		11.00		11.00		14.00	
		60	5300		12.50		12.50		15.50		11.00		11.00		14.00	
		64	5320		12.50		12.50		15.50		11.00		11.00		14.00	
	802.11n-HT20 MCS0	52	5260	Not Required	12.50	Not Required	12.50	Not Required	15.50	Not Required	11.00	Not Required	11.00	Not Required	14.00	100.00
		56	5280		12.50		12.50		15.50		11.00		11.00		14.00	
		60	5300		12.50		12.50		15.50		11.00		11.00		14.00	
		64	5320		12.50		12.50		15.50		11.00		11.00		14.00	
	802.11n-HT40 MCS0	54	5270		12.50		12.50		15.50		11.00		11.00		14.00	100.00
		62	5310		12.50		12.50		15.50		11.00		11.00		14.00	
	802.11ac-VHT20 MCS0	52	5260		12.50		12.50		15.50		11.00		11.00		14.00	100.00
		56	5280		12.50		12.50		15.50		11.00		11.00		14.00	
		60	5300		12.50		12.50		15.50		11.00		11.00		14.00	

		64	5320		12.50		12.50		15.50		11.00		11.00		14.00	
	802.11ac-VHT40 MCS0	54	5270		12.50		12.50		15.50		11.00		11.00		14.00	100.00
		62	5310		12.50		12.50		15.50		11.00		11.00		14.00	
		58	5290		12.50		12.50		15.50		11.00		11.00		14.00	
	802.11ac-VHT80 MCS0	58	5290		12.50		12.50		15.50		11.00		11.00		14.00	100.00
	802.11ac-VHT160 MCS0	50	5250	11.02	12.50	10.63	12.50	13.84	15.50	9.65	11.00	9.52	11.00	12.6	14.00	100
	802.11ax-HE20 MCS0	52	5260	Not Required	12.50	Not Required	12.50	Not Required	15.50	Not Required	11.00	Not Required	11.00	Not Required	14.00	100.00
		56	5280		12.50		12.50		15.50		11.00		11.00		14.00	
		60	5300		12.50		12.50		15.50		11.00		11.00		14.00	
		64	5320		12.50		12.50		15.50		11.00		11.00		14.00	
	802.11ax-HE40 MCS0	54	5270	Not Required	12.50	Not Required	12.50	Not Required	15.50	Not Required	11.00	Not Required	11.00	Not Required	14.00	100.00
		62	5310		12.50		12.50		15.50		11.00		11.00		14.00	
	802.11ax-HE80 MCS0	58	5290		12.50		12.50		15.50		11.00		11.00		14.00	100.00
	802.11ax-HE160 MCS0	50	5250		12.50		12.50		15.50		11.00		11.00		14.00	100

5.3GHz WLAN				Ant 8 Head Simultaneous DBS		Ant 10 Head Simultaneous DBS		Ant 8+10 Head Simultaneous DBS		Ant 8 Body-Worn&Extremity Standalone only		Ant 10 Body-Worn&Extremity Standalone only		Ant 8+10 Body-Worn&Extremity Standalone only		Duty Cycle %
	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	
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	7.00	Not Required	7.50	Not Required	10.30	Not Required	17.50	Not Required	17.00	Not Required	20.30	99.32
		56	5280		7.00		7.50		10.30		17.50		17.00		20.30	
		60	5300		7.00		7.50		10.30		17.50		17.00		20.30	
		64	5320		7.00		7.50		10.30		17.50		17.00		20.30	
	802.11n-HT20 MCS0	52	5260		7.00		7.50		10.30		17.50		17.00		20.30	100.00
		56	5280		7.00		7.50		10.30		17.50		17.00		20.30	
		60	5300		7.00		7.50		10.30		17.50		17.00		20.30	
		64	5320		7.00		7.50		10.30		17.50		17.00		20.30	
	802.11n-HT40 MCS0	54	5270		7.00		7.50		10.30		17.50		17.00		20.30	100.00
		62	5310		7.00		7.50		10.30		17.50		17.00		20.30	
	802.11ac-VHT20 MCS0	52	5260		7.00		7.50		10.30		17.50		17.00		20.30	100.00
		56	5280		7.00		7.50		10.30		17.50		17.00		20.30	
		60	5300		7.00		7.50		10.30		17.50		17.00		20.30	
		64	5320		7.00		7.50		10.30		17.50		17.00		20.30	
	802.11ac-VHT40 MCS0	54	5270		7.00		7.50		10.30		17.50		17.00		20.30	100.00
		62	5310		7.00		7.50		10.30		17.50		17.00		20.30	
	802.11ac-VHT80 MCS0	58	5290		7.00		7.50		10.30		17.50		17.00		20.30	100.00
	802.11ac-VHT160 MCS0	50	5250	6.11	7.00	6.42	7.50	9.28	10.30	15.9	17.50	15.42	17.00	18.68	20.30	100
	802.11ax-HE20 MCS0	52	5260	Not Required	7.00	Not Required	7.50	Not Required	10.30	Not Required	17.50	Not Required	17.00	Not Required	20.30	100.00
		56	5280		7.00		7.50		10.30		17.50		17.00		20.30	
		60	5300		7.00		7.50		10.30		17.50		17.00		20.30	
		64	5320		7.00		7.50		10.30		17.50		17.00		20.30	
	802.11ax-HE40 MCS0	54	5270		7.00		7.50		10.30		17.50		17.00		20.30	100.00
		62	5310		7.00		7.50		10.30		17.50		17.00		20.30	
	802.11ax-HE80 MCS0	58	5290		7.00		7.50		10.30		17.50		17.00		20.30	100.00
	802.11ax-HE160 MCS0	50	5250		7.00		7.50		10.30		17.50		17.00		20.30	100

<WLAN5.5GHz>

5.5GHz WLAN				Ant 8 Default		Ant 10 Default		Ant 8+10 Default		Ant 8 Head Standalone Non DBS		Ant 10 Head Standalone Non DBS		Ant 8+10 Head Standalone Non DBS		Duty Cycle %
				Body-Worn&Extremity Standalone Non DBS		Body-Worn&Extremity Standalone Non DBS		Body-Worn&Extremity Standalone Non DBS		Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	19.45	21.00	18.58	20.50	22.05	23.80	15.50	15.50	15.50	15.50	18.30	18.30	99.32
		116	5580	19.52	21.00	18.81	20.50	22.19	23.80							
		124	5620	19.38	21.00	18.72	20.50	22.07	23.80							
		132	5660	19.17	21.00	18.82	20.50	22.01	23.80							
		140	5700	19.10	21.00	18.68	20.50	21.91	23.80							
		144	5720	18.84	20.50	18.08	20.00	21.49	23.30							
	802.11n-HT20 MCS0	100	5500	18.26	20.00	17.31	19.00	20.82	22.50	15.50	15.50	15.50	15.50	18.30	18.30	100.00
		116	5580	18.31	20.00	17.64	19.50	21.00	22.80							
		124	5620	18.39	20.00	18.12	20.00	21.27	23.00							
		132	5660	18.26	20.00	18.17	20.00	21.23	23.00							
		140	5700	18.22	20.00	17.88	19.50	21.06	22.80							
		144	5720	18.41	20.00	18.21	20.00	21.32	23.00							
	802.11n-HT40 MCS0	102	5510	17.80	19.50	16.65	18.50	20.27	22.00	Not Required	15.50	Not Required	15.50	Not Required	18.30	100.00
		110	5550	17.85	19.50	17.14	19.00	20.52	22.30							
		126	5630	17.87	19.50	17.57	19.50	20.73	22.50							
		134	5670	17.64	19.50	17.57	19.50	20.62	22.50							
		142	5710	17.59	19.50	17.01	18.50	20.32	22.00							
	802.11ac-VHT20 MCS0	100	5500	18.30	20.00	17.36	19.00	20.87	22.50	15.50	15.50	15.50	15.50	18.30	18.30	100.00
		116	5580	18.39	20.00	17.72	19.50	21.08	22.80							
		124	5620	18.44	20.00	18.18	20.00	21.32	23.00							
		132	5660	18.34	20.00	18.23	20.00	21.30	23.00							
		140	5700	18.25	20.00	17.96	19.50	21.12	22.80							
		144	5720	18.44	20.00	18.25	20.00	21.36	23.00							
	802.11ac-VHT40 MCS0	102	5510	17.87	19.50	16.73	18.50	20.35	22.00	15.50	15.50	15.50	15.50	18.30	18.30	100.00
		110	5550	17.90	19.50	17.20	19.00	20.57	22.30							
		126	5630	17.90	19.50	17.60	19.50	20.76	22.50							
		134	5670	17.67	19.50	17.64	19.50	20.67	22.50							
		142	5710	17.64	19.50	17.09	19.00	20.38	22.30							
	802.11ac-VHT80 MCS0	106	5530	17.45	19.00	17.00	18.50	20.24	21.80	15.50	15.50	15.50	15.50	18.30	18.30	100.00
		122	5610	17.41	19.00	17.21	19.00	20.32	22.00							
		138	5690	17.27	19.00	17.17	19.00	20.23	22.00							
	802.11ac-VHT160 MCS0	114	5570	16.87	18.50	16.68	18.50	19.79	21.50	14.24	15.50	13.41	15.50	16.86	18.30	100.00
	802.11ax-HE20 MCS0	100	5500	18.37	20.00	17.39	19.00	20.92	22.50	15.50	15.50	15.50	15.50	18.30	18.30	100.00
		116	5580	18.45	20.00	17.74	19.50	21.12	22.80							
		124	5620	18.48	20.00	18.24	20.00	21.37	23.00							
		132	5660	18.41	20.00	18.28	20.00	21.36	23.00							
		140	5700	18.28	20.00	18.03	19.50	21.17	22.80							
		144	5720	18.49	20.00	18.27	20.00	21.39	23.00							
	802.11ax-HE40 MCS0	102	5510	17.96	19.50	16.79	18.50	20.42	22.00	Not Required	15.50	Not Required	15.50	Not Required	18.30	100.00
		110	5550	17.98	19.50	17.23	19.00	20.63	22.30							
		126	5630	17.95	19.50	17.63	19.50	20.80	22.50							
		134	5670	17.76	19.50	17.68	19.50	20.73	22.50							
		142	5710	17.68	19.50	17.18	19.00	20.45	22.30							
	802.11ax-HE80 MCS0	106	5530	17.48	19.00	17.04	18.50	20.28	21.80	15.50	15.50	15.50	15.50	18.30	18.30	100.00
		122	5610	17.44	19.00	17.30	19.00	20.38	22.00							
		138	5690	17.33	19.00	17.20	19.00	20.28	22.00							
	802.11ax-HE160 MCS0	114	5570	16.99	18.50	16.75	18.50	19.88	21.50	15.50	15.50	15.50	15.50	18.30	18.30	100.00

5.5GHz WLAN				Ant 8 Head Standalone DBS only		Ant 10 Head Standalone DBS only		Ant 8+10 Head Standalone DBS only		Ant 8 Head Non DBS Simultaneous		Ant 10 Head Non DBS Simultaneous		Ant 8+10 Head Non DBS Simultaneous		Duty Cycle %
	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	
5.5GHz WLAN	802.11a 6Mbps	100	5500		14.50		14.00		17.30		13.50		12.50		16.00	99.32
		116	5580		14.50		14.00		17.30		13.50		12.50		16.00	
		124	5620		14.50		14.00		17.30		13.50		12.50		16.00	
		132	5660		14.50		14.00		17.30		13.50		12.50		16.00	
		140	5700		14.50		14.00		17.30		13.50		12.50		16.00	
		144	5720		14.50		14.00		17.30		13.50		12.50		16.00	
	802.11n-HT20 MCS0	100	5500		14.50		14.00		17.30		13.50		12.50		16.00	100.00
		116	5580		14.50		14.00		17.30		13.50		12.50		16.00	
		124	5620		14.50		14.00		17.30		13.50		12.50		16.00	
		132	5660		14.50		14.00		17.30		13.50		12.50		16.00	
		140	5700		14.50		14.00		17.30		13.50		12.50		16.00	
		144	5720		14.50		14.00		17.30		13.50		12.50		16.00	
	802.11n-HT40 MCS0	102	5510	Not Required	14.50	Not Required	14.00	Not Required	17.30	Not Required	13.50	Not Required	12.50	Not Required	16.00	100.00
		110	5550		14.50		14.00		17.30		13.50		12.50		16.00	
		126	5630		14.50		14.00		17.30		13.50		12.50		16.00	
		134	5670		14.50		14.00		17.30		13.50		12.50		16.00	
		142	5710		14.50		14.00		17.30		13.50		12.50		16.00	
	802.11ac-VHT20 MCS0	100	5500		14.50		14.00		17.30		13.50		12.50		16.00	100.00
		116	5580		14.50		14.00		17.30		13.50		12.50		16.00	
		124	5620		14.50		14.00		17.30		13.50		12.50		16.00	
		132	5660		14.50		14.00		17.30		13.50		12.50		16.00	
		140	5700		14.50		14.00		17.30		13.50		12.50		16.00	
		144	5720		14.50		14.00		17.30		13.50		12.50		16.00	
	802.11ac-VHT40 MCS0	102	5510		14.50		14.00		17.30		13.50		12.50		16.00	100.00
		110	5550		14.50		14.00		17.30		13.50		12.50		16.00	
		126	5630		14.50		14.00		17.30		13.50		12.50		16.00	
		134	5670		14.50		14.00		17.30		13.50		12.50		16.00	
		142	5710		14.50		14.00		17.30		13.50		12.50		16.00	
	802.11ac-VHT80 MCS0	106	5530		14.50		14.00		17.30		13.50		12.50		16.00	100.00
		122	5610		14.50		14.00		17.30		13.50		12.50		16.00	
138		5690	14.50		14.00		17.30		13.50		12.50		16.00			
802.11ac-VHT160 MCS0	114	5570	13.08	14.50	12.46	14.00	15.79	17.30	11.89	13.50	11.16	12.50	14.55	16.00	100.00	
802.11ax-HE20 MCS0	100	5500		14.50		14.00		17.30		13.50		12.50		16.00	100.00	
	116	5580		14.50		14.00		17.30		13.50		12.50		16.00		
	124	5620		14.50		14.00		17.30		13.50		12.50		16.00		
	132	5660		14.50		14.00		17.30		13.50		12.50		16.00		
	140	5700		14.50		14.00		17.30		13.50		12.50		16.00		
	144	5720		14.50		14.00		17.30		13.50		12.50		16.00		
802.11ax-HE40 MCS0	102	5510	Not Required	14.50	Not Required	14.00	Not Required	17.30	Not Required	13.50	Not Required	12.50	Not Required	16.00	100.00	
	110	5550		14.50		14.00		17.30		13.50		12.50		16.00		
	126	5630		14.50		14.00		17.30		13.50		12.50		16.00		
	134	5670		14.50		14.00		17.30		13.50		12.50		16.00		
	142	5710		14.50		14.00		17.30		13.50		12.50		16.00		
802.11ax-HE80 MCS0	106	5530		14.50		14.00		17.30		13.50		12.50		16.00	100.00	
	122	5610		14.50		14.00		17.30		13.50		12.50		16.00		
	138	5690		14.50		14.00		17.30		13.50		12.50		16.00		
802.11ax-HE160 MCS0	114	5570		14.50		14.00		17.30		13.50		12.50		16.00	100.00	

5.5GHz WLAN				Ant 8 Head DBS Simultaneous		Ant 10 Head DBS Simultaneous		Ant 8+10 Head DBS Simultaneous		Ant 8 Body-Worn&Extremity Standalone DBS only		Ant 10 Body-Worn&Extremity Standalone DBS only		Ant 8+10 Body-Worn&Extremity Standalone DBS only		Duty Cycle %						
	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							
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	10.50	Not Required	10.50	Not Required	13.50	Not Required	17.00	Not Required	16.50	Not Required	19.80	99.32						
		116	5580		10.50		10.50		13.50		17.00		16.50		19.80							
		124	5620		10.50		10.50		13.50		17.00		16.50		19.80							
		132	5660		10.50		10.50		13.50		17.00		16.50		19.80							
		140	5700		10.50		10.50		13.50		17.00		16.50		19.80							
		144	5720		10.50		10.50		13.50		17.00		16.50		19.80							
	802.11n-HT20 MCS0	100	5500		10.50		10.50		13.50		17.00		16.50		19.80	100.00						
		116	5580		10.50		10.50		13.50		17.00		16.50		19.80							
		124	5620		10.50		10.50		13.50		17.00		16.50		19.80							
		132	5660		10.50		10.50		13.50		17.00		16.50		19.80							
		140	5700		10.50		10.50		13.50		17.00		16.50		19.80							
		144	5720		10.50		10.50		13.50		17.00		16.50		19.80							
	802.11n-HT40 MCS0	102	5510		10.50		10.50		13.50		17.00		16.50		19.80	100.00						
		110	5550		10.50		10.50		13.50		17.00		16.50		19.80							
		126	5630		10.50		10.50		13.50		17.00		16.50		19.80							
		134	5670		10.50		10.50		13.50		17.00		16.50		19.80							
		142	5710		10.50		10.50		13.50		17.00		16.50		19.80							
	802.11ac-VHT20 MCS0	100	5500		10.50		10.50		13.50		17.00		16.50		19.80	100.00						
		116	5580		10.50		10.50		13.50		17.00		16.50		19.80							
		124	5620		10.50		10.50		13.50		17.00		16.50		19.80							
		132	5660		10.50		10.50		13.50		17.00		16.50		19.80							
		140	5700		10.50		10.50		13.50		17.00		16.50		19.80							
		144	5720		10.50		10.50		13.50		17.00		16.50		19.80							
	802.11ac-VHT40 MCS0	102	5510		10.50		10.50		13.50		17.00		16.50		19.80	100.00						
		110	5550		10.50		10.50		13.50		17.00		16.50		19.80							
		126	5630		10.50		10.50		13.50		17.00		16.50		19.80							
		134	5670		10.50		10.50		13.50		17.00		16.50		19.80							
		142	5710		10.50		10.50		13.50		17.00		16.50		19.80							
	802.11ac-VHT80 MCS0	106	5530		10.50		10.50		13.50		17.00		16.50		19.80	100.00						
		122	5610		10.50		10.50		13.50		17.00		16.50		19.80							
		138	5690		10.50		10.50		13.50		17.00		16.50		19.80							
	802.11ac-VHT160 MCS0	114	5570		8.75		10.50		9.12		10.50		11.95		13.50	15.51	17.00	14.92	16.50	18.24	19.80	100.00
	802.11ax-HE20 MCS0	100	5500		10.50		10.50		13.50		17.00		16.50		19.80	100.00						
		116	5580		10.50		10.50		13.50		17.00		16.50		19.80							
		124	5620		10.50		10.50		13.50		17.00		16.50		19.80							
		132	5660		10.50		10.50		13.50		17.00		16.50		19.80							
		140	5700		10.50		10.50		13.50		17.00		16.50		19.80							
		144	5720		10.50		10.50		13.50		17.00		16.50		19.80							
	802.11ax-HE40 MCS0	102	5510		Not Required		10.50		Not Required		10.50		Not Required		13.50	Not Required	17.00	Not Required	16.50	Not Required	19.80	100.00
		110	5550		10.50		10.50		13.50		17.00		16.50		19.80							
		126	5630		10.50		10.50		13.50		17.00		16.50		19.80							
		134	5670		10.50		10.50		13.50		17.00		16.50		19.80							
		142	5710		10.50		10.50		13.50		17.00		16.50		19.80							
	802.11ax-HE80 MCS0	106	5530		10.50		10.50		13.50		17.00		16.50		19.80	100.00						
		122	5610		10.50		10.50		13.50		17.00		16.50		19.80							
		138	5690		10.50		10.50		13.50		17.00		16.50		19.80							
802.11ax-HE160 MCS0	114	5570	10.50	10.50	13.50	17.00	16.50	19.80	100.00													

5.5GHz WLAN				Ant 8 Body-Worn&Extremity Non DBS Simultaneous		Ant 10 Body-Worn&Extremity Non DBS Simultaneous		Ant 8+10 Body-Worn&Extremity Non DBS Simultaneous		Ant 8 Body-Worn&Extremity DBS Simultaneous		Ant 10 Body-Worn&Extremity DBS Simultaneous		Ant 8+10 Body-Worn&Extremity DBS Simultaneous		Duty Cycle %
5.5GHz WLAN	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	
	802.11a 6Mbps	100	5500	Not Required	15.50	Not Required	15.00	Not Required	18.30	Not Required	13.00	Not Required	12.00	Not Required	15.50	99.32
		116	5580		15.50		15.00		18.30		13.00		12.00		15.50	
		124	5620		15.50		15.00		18.30		13.00		12.00		15.50	
		132	5660		15.50		15.00		18.30		13.00		12.00		15.50	
		140	5700		15.50		15.00		18.30		13.00		12.00		15.50	
		144	5720		15.50		15.00		18.30		13.00		12.00		15.50	
	802.11n-HT20 MCS0	100	5500		15.50		15.00		18.30		13.00		12.00		15.50	100.00
		116	5580		15.50		15.00		18.30		13.00		12.00		15.50	
		124	5620		15.50		15.00		18.30		13.00		12.00		15.50	
		132	5660		15.50		15.00		18.30		13.00		12.00		15.50	
		140	5700		15.50		15.00		18.30		13.00		12.00		15.50	
		144	5720		15.50		15.00		18.30		13.00		12.00		15.50	
	802.11n-HT40 MCS0	102	5510		15.50		15.00		18.30		13.00		12.00		15.50	100.00
		110	5550		15.50		15.00		18.30		13.00		12.00		15.50	
		126	5630		15.50		15.00		18.30		13.00		12.00		15.50	
		134	5670		15.50		15.00		18.30		13.00		12.00		15.50	
		142	5710		15.50		15.00		18.30		13.00		12.00		15.50	
	802.11ac-VHT20 MCS0	100	5500		15.50		15.00		18.30		13.00		12.00		15.50	100.00
		116	5580		15.50		15.00		18.30		13.00		12.00		15.50	
		124	5620		15.50		15.00		18.30		13.00		12.00		15.50	
		132	5660		15.50		15.00		18.30		13.00		12.00		15.50	
		140	5700		15.50		15.00		18.30		13.00		12.00		15.50	
		144	5720		15.50		15.00		18.30		13.00		12.00		15.50	
	802.11ac-VHT40 MCS0	102	5510		15.50		15.00		18.30		13.00		12.00		15.50	100.00
		110	5550		15.50		15.00		18.30		13.00		12.00		15.50	
		126	5630		15.50		15.00		18.30		13.00		12.00		15.50	
		134	5670		15.50		15.00		18.30		13.00		12.00		15.50	
142		5710	15.50		15.00		18.30		13.00		12.00		15.50			
802.11ac-VHT80 MCS0	106	5530	15.50	15.00	18.30	13.00	12.00	15.50	100.00							
	122	5610	15.50	15.00	18.30	13.00	12.00	15.50								
	138	5690	15.50	15.00	18.30	13.00	12.00	15.50								
802.11ac-VHT160 MCS0	114	5570	14.15	15.50	13.53	15.00	16.86	18.30	11.35	13.00	10.51	12.00	13.96	15.50	100.00	
802.11ax-HE20 MCS0	100	5500	15.50	15.00	18.30	13.00	12.00	15.50	100.00							
	116	5580	15.50	15.00	18.30	13.00	12.00	15.50								
	124	5620	15.50	15.00	18.30	13.00	12.00	15.50								
	132	5660	15.50	15.00	18.30	13.00	12.00	15.50								
	140	5700	15.50	15.00	18.30	13.00	12.00	15.50								
	144	5720	15.50	15.00	18.30	13.00	12.00	15.50								
802.11ax-HE40 MCS0	102	5510	15.50	15.00	18.30	13.00	12.00	15.50	100.00							
	110	5550	15.50	15.00	18.30	13.00	12.00	15.50								
	126	5630	15.50	15.00	18.30	13.00	12.00	15.50								
	134	5670	15.50	15.00	18.30	13.00	12.00	15.50								
	142	5710	15.50	15.00	18.30	13.00	12.00	15.50								
802.11ax-HE80 MCS0	106	5530	15.50	15.00	18.30	13.00	12.00	15.50	100.00							
	122	5610	15.50	15.00	18.30	13.00	12.00	15.50								
	138	5690	15.50	15.00	18.30	13.00	12.00	15.50								
802.11ax-HE160 MCS0	114	5570	15.50	15.00	18.30	13.00	12.00	15.50	100.00							

<WLAN5.8GHz>

5.8GHz WLAN				Ant 8 Default Hotspot Standalone Non DBS		Ant 10 Default Hotspot Standalone Non DBS		Ant 8+10 Default Hotspot Standalone Non DBS		Ant 8 Head Standalone Non DBS Body-Worn&Extremity Standalone DBS only		Ant 10 Head Standalone Non DBS Body-Worn&Extremity Standalone DBS only		Ant 8+10 Head Standalone Non DBS Body-Worn&Extremity Standalone DBS only		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.98	20.50	18.35	20.00	21.69	23.30	Not Required	16.50	Not Required	15.50	Not Required	19.00	99.32
		157	5785	18.79	20.50	17.91	19.50	21.38	23.00		16.50		15.50		19.00	
		165	5825	18.94	20.50	17.96	19.50	21.49	23.00		16.50		15.50		19.00	
	802.11n-HT20 MCS0	149	5745	18.51	20.00	18.20	20.00	21.37	23.00		16.50		15.50		19.00	100.00
		157	5785	18.41	20.00	17.88	19.50	21.16	22.80		16.50		15.50		19.00	
		165	5825	18.39	20.00	18.08	20.00	21.25	23.00		16.50		15.50		19.00	
	802.11n-HT40 MCS0	151	5755	17.54	19.00	16.94	18.50	20.26	21.80		16.50		15.50		19.00	100.00
		159	5795	17.55	19.50	17.14	19.00	20.36	22.30		16.50		15.50		19.00	
	802.11ac-VHT20 MCS0	149	5745	18.54	20.00	18.26	20.00	21.41	23.00		16.50		15.50		19.00	100.00
		157	5785	18.44	20.00	17.96	19.50	21.22	22.80		16.50		15.50		19.00	
		165	5825	18.48	20.00	18.12	20.00	21.31	23.00		16.50		15.50		19.00	
	802.11ac-VHT40 MCS0	151	5755	17.57	19.50	16.98	18.50	20.30	22.00		16.50		15.50		19.00	100.00
		159	5795	17.61	19.50	17.21	19.00	20.42	22.30		16.50		15.50		19.00	
	802.11ac-VHT80 MCS0	155	5775	17.30	19.00	17.02	18.50	20.17	21.80	15.15	16.50	14.22	15.50	17.74	19.00	100.00
	802.11ax-HE20 MCS0	149	5745	18.56	20.50	18.32	20.00	21.45	23.30	Not Required	16.50	Not Required	15.50	Not Required	19.00	100.00
		157	5785	18.47	20.00	18.00	19.50	21.25	22.80		16.50		15.50		19.00	
		165	5825	18.51	20.00	18.16	20.00	21.35	23.00		16.50		15.50		19.00	
	802.11ax-HE40 MCS0	151	5755	17.66	19.50	17.04	18.50	20.37	22.00		16.50		15.50		19.00	100.00
		159	5795	17.68	19.50	17.24	19.00	20.48	22.30		16.50		15.50		19.00	
	802.11ax-HE80 MCS0	155	5775	17.39	19.00	17.06	19.00	20.24	22.00		16.50		15.50		19.00	100.00

5.8GHz WLAN				Ant 8 Head Standalone DBS only&Hotspot Non DBS Simultaneous		Ant 10 Head Standalone DBS only&Hotspot Non DBS Simultaneous		Ant 8 +10 Head DBS only&Hotspot Non DBS Simultaneous		Ant 8 Head Non DBS Simultaneous Body-Worn&Extremity DBS Simultaneous		Ant 10 Head Non DBS Simultaneous Body-Worn&Extremity DBS Simultaneous		Ant 8+10 Head Non DBS Simultaneous Body-Worn&Extremity DBS Simultaneous		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	13.50	Not Required	12.50	Not Required	16.00	Not Required	12.00	Not Required	11.50	Not Required	14.80	99.32
		157	5785		13.50		12.50		16.00		12.00		11.50		14.80	
		165	5825		13.50		12.50		16.00		12.00		11.50		14.80	
	802.11n-HT20 MCS0	149	5745		13.50		12.50		16.00		12.00		11.50		14.80	100.00
		157	5785		13.50		12.50		16.00		12.00		11.50		14.80	
		165	5825		13.50		12.50		16.00		12.00		11.50		14.80	
	802.11n-HT40 MCS0	151	5755		13.50		12.50		16.00		12.00		11.50		14.80	100.00
		159	5795		13.50		12.50		16.00		12.00		11.50		14.80	
	802.11ac-VHT20 MCS0	149	5745		13.50		12.50		16.00		12.00		11.50		14.80	100.00
		157	5785		13.50		12.50		16.00		12.00		11.50		14.80	
		165	5825		13.50		12.50		16.00		12.00		11.50		14.80	
	802.11ac-VHT40 MCS0	151	5755		13.50		12.50		16.00		12.00		11.50		14.80	100.00
		159	5795		13.50		12.50		16.00		12.00		11.50		14.80	
	802.11ac-VHT80 MCS0	155	5775	12.14	13.50	11.27	12.50	14.74	16.00	10.61	12.00	9.84	11.50	13.25	14.80	100.00
	802.11ax-HE20 MCS0	149	5745	Not Required	13.50	Not Required	12.50	Not Required	16.00	Not Required	12.00	Not Required	11.50	Not Required	14.80	100.00
		157	5785		13.50		12.50		16.00		12.00		11.50		14.80	
		165	5825		13.50		12.50		16.00		12.00		11.50		14.80	
	802.11ax-HE40	151	5755		13.50		12.50		16.00		12.00		11.50		14.80	100.00

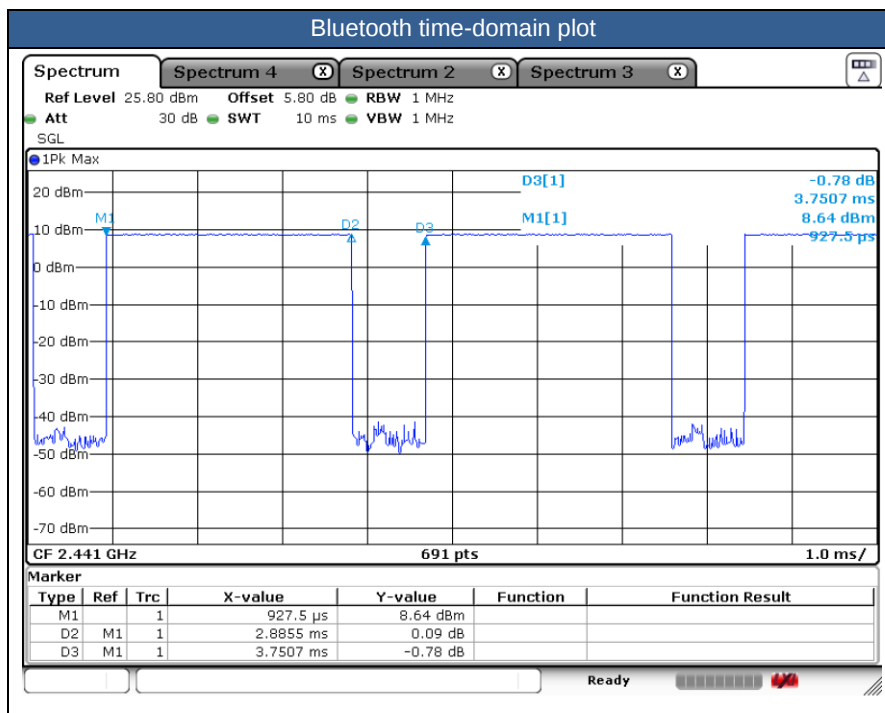
	MCS0	159	5795		13.50		12.50		16.00		12.00		11.50		14.80	
	802.11ax-HE80 MCS0	155	5775		13.50		12.50		16.00		12.00		11.50		14.80	100.00

5.8GHz WLAN				Ant 8 Head DBS Simultaneous		Ant 10 Head DBS Simultaneous		Ant 8+10 Head DBS Simultaneous		Ant 8 Hotspot DBS only Body-Worn&Extr emity Non DBS Simultaneous		Ant 10 Hotspot DBS only Body-Worn&Extr emity Non DBS Simultaneous		Ant 8+10 Hotspot DBS only Body-Worn&Extr emity Non DBS Simultaneous		Ant 8 Hotspot DBS Simultaneous		Ant 10 Hotspot DBS Simultaneous		Ant 8+10 Hotspot DBS Simultaneous		Duty Cycle %
	Mode	Chan nel	Frequen cy (MHz)	Averag e power (dBm)	Tune-Up Limit	Averag e power (dBm)	Tune-Up Limit	Averag e power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-U p Limit	Average power (dBm)	Tune-U p Limit	Average power (dBm)	Tune-U p Limit	Averag e power (dBm)	Tune-Up Limit	Averag e power (dBm)	Tune-Up Limit	Averag e power (dBm)	Tune-Up Limit	
5.8G Hz WLAN	802.11a 6Mbps	149	5745		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	99.32
		157	5785		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	
		165	5825		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	
	802.11n-HT20 MCS0	149	5745		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	100.00
		157	5785		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	
		165	5825		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	
	802.11n-HT40 MCS0	151	5755	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required	16.50	Not Required	16.00	Not Required	19.30	Not Required	12.00	Not Required	12.00	Not Required	15.00	100.00
		159	5795		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	
	802.11ac-VHT20 MCS0	149	5745		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	100.00
		157	5785		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	
		165	5825		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	
	802.11ac-VHT40 MCS0	151	5755		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	100.00
		159	5795		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	
	802.11ac-VHT80 MCS0	155	5775	7.44	9.00	7.84	9.00	10.65	12.00	15.22	16.50	14.33	16.00	17.81	19.30	10.64	12.00	10.82	12.00	13.74	15.00	100.00
	802.11ax-HE20 MCS0	149	5745		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	100.00
		157	5785		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	
		165	5825		Not Required		9.00		Not Required		9.00		Not Required		12.00		Not Required		16.50		Not Required	
	802.11ax-HE40 MCS0	151	5755		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	100.00
		159	5795		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	
	802.11ax-HE80 MCS0	155	5775		9.00		9.00		12.00		16.50		16.00		19.30		12.00		12.00		15.00	100.00

<2.4GHz Bluetooth>

General Note:

1. For 2.4GHz Bluetooth SAR testing was selected 1Mbps, due to its highest average power.
2. The Bluetooth duty cycle are 76.93% as following figure, Bluetooth SAR scaling need further consideration and the theoretical duty cycle is 83.3%, therefore the actual duty cycle will be scaled up to the theoretical value of Bluetooth reported SAR calculation.



Class1

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	9.12	7.03	7.02
	CH 39	2441	9.23	7.09	7.07
	CH 78	2480	9.04	6.96	6.99
Tune-up Limit			11	8.5	8.5

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE_1M	CH 00	2402	9.01	
	CH 19	2440	9.12	
	CH 39	2480	8.90	
Tune-up Limit			11.00	

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			2Mbps	
LE_2M	CH 01	2404	9.11	
	CH 19	2440	9.16	
	CH 38	2478	9.45	
Tune-up Limit			11.00	

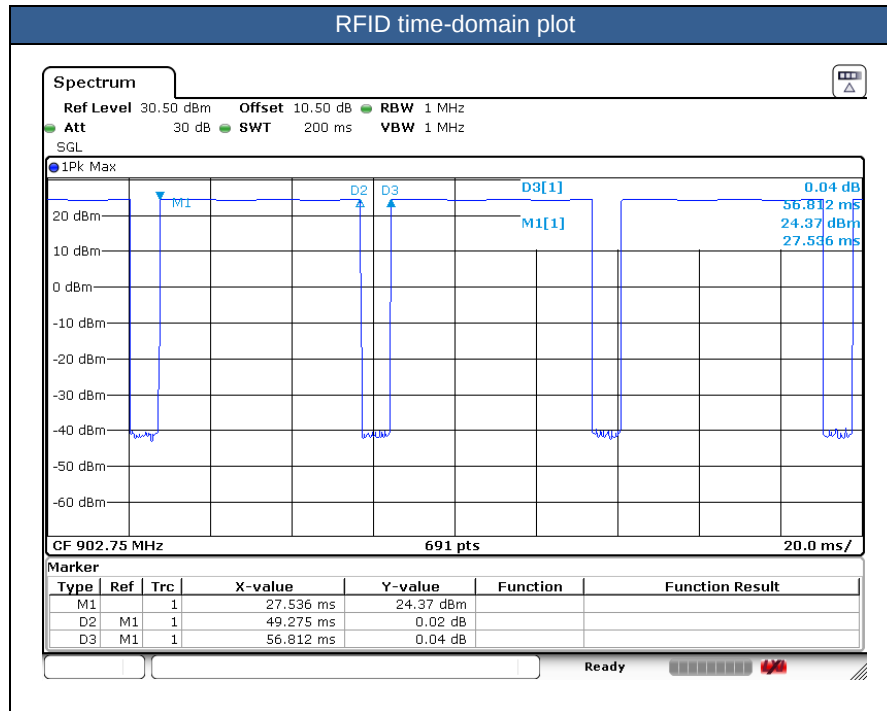
Class2

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	3.21	-0.11	-0.22
	CH 39	2441	3.25	0.49	0.49
	CH 78	2480	3.52	-0.66	-0.37
Tune-up Limit			5	1	1

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
BLE_1M	CH 00	2402	3.02	
	CH 19	2440	3.09	
	CH 39	2480	3.13	
Tune-up Limit			4.00	

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			2Mbps	
LE	CH 01	2404	3.20	
	CH 19	2440	3.18	
	CH 38	2478	3.40	
Tune-up Limit			4.00	

< RFID >



Frequency (MHz)	Average power (dBm)	Tune up
902.75	23.88	25.00
914.75	23.84	25.00
927.25	23.81	25.00