

Full & Default Power Mode

GSM850 Ant0 Default						
GSM850	Burst Average Power (dBm)			Tune-up		Frame-Average Power (dBm)
TX Channel	128	189	251	Limit	128	189
Frequency (MHz)	824.2	834.4	844.6	Limit	824.2	834.4
GSM 1 Tx slot	31.67	31.80	31.88	33.50	22.67	22.80
GPRS 1 Tx slot	31.66	31.78	31.70	33.50	22.66	22.78
GPRS 2 Tx slots	29.60	29.73	29.67	31.00	23.60	23.73
GPRS 3 Tx slots	27.71	27.77	27.68	29.00	23.45	23.42
GPRS 4 Tx slots	26.58	26.64	26.68	27.50	23.58	23.64
EDGE 1 Tx slot	26.07	26.09	26.07	27.00	17.07	17.09
EDGE 2 Tx slots	25.32	25.37	25.37	26.50	16.32	16.37
EDGE 3 Tx slots	22.68	22.63	22.59	24.00	18.40	18.33
EDGE 4 Tx slots	20.02	20.04	19.96	21.00	17.02	16.96

WCDMA V Ant0 Default				
Band	WCDMA V			Tune-up Limit (dBm)
TX Channel	4132	4182	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	825.4	835.4	845.6	
3GPP Rel 99 RMC 12.2Kbps	22.48	22.53	22.41	24.00
3GPP Rel 99 RMC 12.2Kbps	22.47	22.58	22.49	24.00
3GPP Rel 6 HSDPA Subtest-1	21.50	21.50	21.44	23.00
3GPP Rel 6 HSDPA Subtest-2	21.49	21.53	21.49	23.00
3GPP Rel 6 HSDPA Subtest-3	21.54	21.07	20.92	22.50
3GPP Rel 6 HSDPA Subtest-4	20.89	21.07	20.96	22.50
3GPP Rel 6 DCHSDPA Subtest-1	21.50	21.61	21.43	23.00
3GPP Rel 6 DCHSDPA Subtest-2	21.53	21.55	21.45	23.00
3GPP Rel 6 DCHSDPA Subtest-3	20.98	21.17	20.91	22.50
3GPP Rel 6 DCHSDPA Subtest-4	21.00	21.06	20.85	22.50
3GPP Rel 6 HSUPA Subtest-1	21.50	21.53	21.43	23.00
3GPP Rel 6 HSUPA Subtest-2	19.49	19.62	19.55	21.00
3GPP Rel 6 HSUPA Subtest-3	20.43	20.46	20.42	22.00
3GPP Rel 6 HSUPA Subtest-4	19.50	19.67	19.37	21.00
3GPP Rel 6 HSUPA Subtest-5	21.48	21.45	21.49	23.00



Band 5 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	24	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.30	22.40	22.36		
10	QPSK	1	25	22.08	22.29	22.24	23	1
10	QPSK	1	49	22.19	22.29	22.23		
10	QPSK	25	0	21.32	21.43	21.39		
10	QPSK	25	12	21.23	21.34	21.24		
10	QPSK	25	25	21.15	21.24	21.20		
10	QPSK	50	0	21.37	21.39	21.33		
10	QPSK	50	0	21.37	21.39	21.33		

Band 26 for FCC Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20765	20865	20965	24	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.09	22.29	22.16		
15	QPSK	1	37	22.06	22.06	22.00	23	1
15	QPSK	1	74	22.08	22.17	22.01		
15	QPSK	36	0	21.33	21.43	21.30		
15	QPSK	36	20	21.18	21.27	21.20		
15	QPSK	36	39	21.16	21.38	21.27		
15	QPSK	75	0	21.24	21.26	21.17		
15	QPSK	75	0	21.24	21.26	21.17		

GSM1900 Ant1 Default							
GSM1900	Burst Average Power (dbm)			Tune-up	Frame-Average Power (dbm)		
TX Channel	512	661	810	Limit	512	661	810
Frequency (MHz)	1852.2	1850	1850.8	(dbm)	1852.2	1850	1850.8
GSM 1 Tx slot	29.35	29.25	29.22	30.50	20.35	20.25	20.22
GPRS 1 Tx slot	29.26	29.26	29.20	30.50	20.26	20.26	20.20
GPRS 2 Tx slots	27.45	27.55	27.46	28.50	21.45	21.55	21.46
GPRS 3 Tx slots	24.79	24.73	24.68	26.00	20.53	20.47	20.42
GPRS 4 Tx slots	22.86	22.93	22.89	24.00	19.86	19.93	19.89
EDGE 1 Tx slot	24.47	24.56	24.49	25.50	15.47	15.56	15.49
EDGE 2 Tx slots	23.15	23.25	23.17	24.50	17.15	17.25	17.17
EDGE 3 Tx slots	21.17	21.06	21.02	22.00	16.91	16.80	16.76
EDGE 4 Tx slots	19.03	19.00	19.02	20.00	16.03	16.00	16.02

WCDMA II Ant1 Default				
Band	WCDMA II			Tune-up
TX Channel	5262	5400	5538	Limit
Rx Channel	5692	5930	5938	(dbm)
Frequency (MHz)	1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2kops	22.35	22.56	22.40
3GPP Rel 99	RMC 12.2kops	22.37	22.55	22.52
3GPP Rel 6	HSDPA Subtest-1	21.51	21.67	21.38
3GPP Rel 6	HSDPA Subtest-2	21.57	21.49	21.42
3GPP Rel 6	HSDPA Subtest-3	21.15	21.16	20.96
3GPP Rel 6	HSDPA Subtest-4	20.82	20.96	20.88
3GPP Rel 6	DCHSDPA Subtest-1	21.60	21.53	21.36
3GPP Rel 6	DCHSDPA Subtest-2	21.58	21.51	21.38
3GPP Rel 6	DCHSDPA Subtest-3	20.98	21.29	20.92
3GPP Rel 6	DCHSDPA Subtest-4	20.97	21.10	20.93
3GPP Rel 6	HSUPA Subtest-1	21.42	21.60	21.64
3GPP Rel 6	HSUPA Subtest-2	19.42	19.69	19.64
3GPP Rel 6	HSUPA Subtest-3	20.32	20.50	20.35
3GPP Rel 6	HSUPA Subtest-4	19.48	19.57	19.38
3GPP Rel 6	HSUPA Subtest-5	21.42	21.65	21.56

Band 2 Ant1 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18950	19100			
Frequency (MHz)				18650	18900	18950			
20	QPSK	1	0	22.57	22.68	22.64	24	0	
20	QPSK	1	49	22.43	22.59	22.54			
20	QPSK	1	99	22.57	22.60	22.49			
20	QPSK	50	0	21.62	21.79	21.70	23	1	
20	QPSK	50	24	21.43	21.51	21.35			
20	QPSK	50	50	21.44	21.59	21.51			
20	QPSK	100	0	21.65	21.75	21.62			

Band 7 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				20810	20935	20960			
20	QPSK	1	0	22.55	22.66	22.50	24	0	
20	QPSK	1	49	22.26	22.42	22.35			
20	QPSK	1	99	22.47	22.60	22.51			
20	QPSK	50	0	21.59	21.71	21.60	23	1	
20	QPSK	50	24	21.36	21.45	21.34			
20	QPSK	50	50	21.39	21.39	21.27			
20	QPSK	100	0	21.54	21.67	21.51			



Band 38 Ant1 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.83	22.87	22.81		
20	QPSK	1	49	22.57	22.69	22.60	24	0
20	QPSK	1	99	22.45	22.56	22.45		
20	QPSK	50	0	21.57	21.77	21.58		
20	QPSK	50	24	21.48	21.61	21.55	23	1
20	QPSK	50	50	21.61	21.72	21.52		
20	QPSK	100	0	21.53	21.64	21.52		

Band 41 Ant1 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.
Channel				39750	40185	40620	41055	41490
Frequency (MHz)				2506	2549.5	2593	2636.5	2680
20	QPSK	1	0	22.81	22.68	22.90	22.68	22.66
20	QPSK	1	49	22.54	22.53	22.74	22.62	22.65
20	QPSK	1	99	22.50	22.50	22.68	22.61	22.59
20	QPSK	50	0	22.63	22.58	22.77	22.63	22.61
20	QPSK	50	24	22.54	22.61	22.62	22.58	22.53
20	QPSK	50	50	22.52	22.46	22.65	22.69	22.50
20	QPSK	100	0	22.53	22.58	22.72	22.57	22.60



Band 42 FCC Part27Q Ant3 Default								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.79	22.94	22.71	24	0
20	QPSK	1	49	22.63	22.69	22.56		
20	QPSK	1	99	22.86	22.81	22.73		
20	QPSK	50	0	21.82	21.99	21.84	23	1
20	QPSK	50	24	21.81	21.93	21.77		
20	QPSK	50	50	21.60	21.69	21.58		
20	QPSK	100	0	21.77	21.97	21.78		



Band 5 Ant4 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20520	20600	23	0
Frequency (MHz)				820	836.5	844		
10	QPSK	1	0	22.03	22.15	22.13		
10	QPSK	1	25	21.89	22.05	21.89	22	1
10	QPSK	1	49	21.97	22.14	22.01		
10	QPSK	25	0	21.13	21.27	21.18		
10	QPSK	25	12	21.02	21.19	21.20		
10	QPSK	25	25	21.05	21.12	21.08		
10	QPSK	50	0	21.19	21.26	21.14		

Band 26 for FCC Ant4 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20765	20865	20965	23	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.04	22.19	22.15		
15	QPSK	1	37	21.99	22.03	21.88	22	1
15	QPSK	1	74	22.06	22.12	22.07		
15	QPSK	36	0	21.23	21.42	21.38		
15	QPSK	36	20	21.18	21.31	21.08		
15	QPSK	36	39	21.11	21.31	21.22		
15	QPSK	75	0	21.35	21.41	21.37		

Reduced Power Mode for DSI2

GSM850 AHD DSI2							
GSM850	Burst Average Power (dbm)			Tune-up Limit	Frame-Average Power (dbm)		
TX Channel	128	189	251		128	189	251
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6
GSM 1 Tx slot	31.67	31.63	31.55	33.50	22.67	22.60	22.55
GPRS 1 Tx slot	31.66	31.78	31.70	33.50	22.66	22.78	22.70
GPRS 2 Tx slots	29.60	29.73	29.67	31.00	23.60	23.73	23.67
GPRS 3 Tx slots	27.71	27.77	27.68	29.00	23.45	23.51	23.42
GPRS 4 Tx slots	26.58	26.64	26.68	27.50	23.58	23.64	23.68
EDGE 1 Tx slot	26.07	26.09	26.07	27.00	17.07	17.09	17.07
EDGE 2 Tx slots	25.32	25.37	25.37	26.50	19.32	19.37	19.37
EDGE 3 Tx slots	22.66	22.63	22.59	24.00	16.40	16.37	16.33
EDGE 4 Tx slots	20.02	20.04	19.96	21.00	17.02	17.04	16.96

WCDMA V AHD DSI2				
Band		WCDMA V		Tune-up Limit (dBm)
TX Channel		4132	4152	
Rx Channel		4357	4407	4458
Frequency (MHz)		826.4	836.4	846.6
3GPP Rel 99	AMR 12.2Kbps	22.46	22.53	22.41
3GPP Rel 99	AMR 12.2Kbps	22.47	22.55	22.49
3GPP Rel 6	HSDPA Subtest-1	21.50	21.50	21.44
3GPP Rel 6	HSDPA Subtest-2	21.49	21.53	21.49
3GPP Rel 6	HSDPA Subtest-3	21.04	21.07	20.92
3GPP Rel 6	HSDPA Subtest-4	20.89	21.07	20.96
3GPP Rel 8	DCHSDPA Subtest-1	21.50	21.61	21.43
3GPP Rel 8	DCHSDPA Subtest-2	21.53	21.55	21.45
3GPP Rel 8	DCHSDPA Subtest-3	20.96	21.17	20.91
3GPP Rel 8	DCHSDPA Subtest-4	21.00	21.08	20.85
3GPP Rel 6	HSUPA Subtest-1	21.50	21.53	21.43
3GPP Rel 6	HSUPA Subtest-2	19.49	19.62	19.55
3GPP Rel 6	HSUPA Subtest-3	20.43	20.46	20.42
3GPP Rel 6	HSUPA Subtest-4	19.50	19.67	19.37
3GPP Rel 6	HSUPA Subtest-5	21.48	21.45	21.49

Band 5 Ant0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				825	838.5	844		
Frequency (MHz)				22.30	22.40	22.36		
10	QPSK	1	0	22.30	22.40	22.36	24	0
10	QPSK	1	25	22.09	22.29	22.24		
10	QPSK	1	49	22.19	22.29	22.23		
10	QPSK	25	0	21.32	21.43	21.39	23	1
10	QPSK	25	12	21.23	21.34	21.24		
10	QPSK	25	25	21.15	21.24	21.20		
10	QPSK	50	0	21.37	21.39	21.33		

Band 26 for FCC Ant0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				821.5	831.5	841.5		
Frequency (MHz)				22.09	22.29	22.16		
15	QPSK	1	0	22.09	22.29	22.16	24	0
15	QPSK	1	37	22.06	22.06	22.00		
15	QPSK	1	74	22.08	22.17	22.01		
15	QPSK	36	0	21.33	21.43	21.30	23	1
15	QPSK	36	20	21.16	21.27	21.20		
15	QPSK	36	39	21.16	21.38	21.27		
15	QPSK	75	0	21.24	21.26	21.17		

GSM1900 Ant1 DS12							
GSM1900	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)		
TX Channel	512	661	810	Limit	512	661	810
Frequency (MHz)	1852.2	1850	1850.8	(dBm)	1852.2	1850	1850.8
GSM 1 Tx slot	29.35	29.25	29.22	30.50	20.35	20.25	20.22
GPRS 1 Tx slot	29.26	29.26	29.20	30.50	20.26	20.26	20.20
GPRS 2 Tx slots	27.45	27.55	27.46	28.50	21.45	21.55	21.46
GPRS 3 Tx slots	24.79	24.73	24.68	26.00	20.53	20.47	20.42
GPRS 4 Tx slots	22.86	22.93	22.89	24.00	19.86	19.93	19.89
EDGE 1 Tx slot	24.47	24.56	24.49	25.50	15.47	15.56	15.49
EDGE 2 Tx slots	23.15	23.25	23.17	24.50	17.15	17.25	17.17
EDGE 3 Tx slots	21.17	21.06	21.02	22.00	16.91	16.80	16.76
EDGE 4 Tx slots	19.03	19.00	19.02	20.00	16.03	16.00	16.02

WCDMA II Ant1 DS12				
Band	WCDMA II			Tune-up
TX Channel	5262	5400	5538	Limit
Rx Channel	5692	5900	5938	(dBm)
Frequency (MHz)	1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2kops	22.35	22.56	22.40
3GPP Rel 99	RMC 12.2kops	22.37	22.55	22.52
3GPP Rel 6	HSDPA Subtest-1	21.51	21.67	21.38
3GPP Rel 6	HSDPA Subtest-2	21.57	21.49	21.42
3GPP Rel 6	HSDPA Subtest-3	21.15	21.16	20.96
3GPP Rel 6	HSDPA Subtest-4	20.82	20.96	20.88
3GPP Rel 6	DCHSDPA Subtest-1	21.60	21.53	21.36
3GPP Rel 6	DCHSDPA Subtest-2	21.58	21.51	21.38
3GPP Rel 6	DCHSDPA Subtest-3	20.98	21.29	20.92
3GPP Rel 6	DCHSDPA Subtest-4	20.97	21.10	20.93
3GPP Rel 6	HSUPA Subtest-1	21.42	21.60	21.64
3GPP Rel 6	HSUPA Subtest-2	19.42	19.69	19.64
3GPP Rel 6	HSUPA Subtest-3	20.32	20.50	20.35
3GPP Rel 6	HSUPA Subtest-4	19.48	19.57	19.38
3GPP Rel 6	HSUPA Subtest-5	21.42	21.65	21.56



Band 2 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				16700	16900	19100	24	0
Frequency (MHz)				1660	1880	1920		
20	QPSK	1	0	22.57	22.68	22.64		
20	QPSK	1	49	22.43	22.59	22.54	23	1
20	QPSK	1	99	22.57	22.60	22.49		
20	QPSK	50	0	21.62	21.79	21.70		
20	QPSK	50	24	21.43	21.51	21.35		
20	QPSK	50	50	21.44	21.59	21.51		
20	QPSK	100	0	21.65	21.75	21.62		

Band 7 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				20850	21100	21350	24	0
Frequency (MHz)				2080	2095	2090		
20	QPSK	1	0	22.55	22.66	22.50		
20	QPSK	1	49	22.26	22.42	22.35	23	1
20	QPSK	1	99	22.47	22.60	22.51		
20	QPSK	50	0	21.59	21.71	21.60		
20	QPSK	50	24	21.36	21.45	21.34		
20	QPSK	50	50	21.39	21.39	21.27		
20	QPSK	100	0	21.54	21.67	21.51		



Band 38 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				37650	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.83	22.87	22.81		
20	QPSK	1	49	22.57	22.69	22.60	24	0
20	QPSK	1	99	22.45	22.56	22.45		
20	QPSK	50	0	21.57	21.77	21.58		
20	QPSK	50	24	21.48	21.61	21.55	23	1
20	QPSK	50	50	21.61	21.72	21.52		
20	QPSK	100	0	21.53	21.64	21.52		

Band 41 Ant1 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.
Channel				39750	40165	40620	41055	41490
Frequency (MHz)				2506	2549.5	2593	2636.5	2680
20	QPSK	1	0	22.81	22.68	22.90	22.68	22.66
20	QPSK	1	49	22.54	22.53	22.74	22.62	22.65
20	QPSK	1	99	22.50	22.50	22.68	22.61	22.59
20	QPSK	50	0	22.63	22.58	22.77	22.63	22.61
20	QPSK	50	24	22.54	22.61	22.62	22.58	22.53
20	QPSK	50	50	22.52	22.46	22.65	22.69	22.50
20	QPSK	100	0	22.53	22.58	22.72	22.57	22.60



Band 42 FCC Part27Q Ant3 DSI2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power/ High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.60	21.71	21.56	22.7	0
20	QPSK	1	49	21.42	21.54	21.45		
20	QPSK	1	99	21.50	21.59	21.38		
20	QPSK	50	0	21.50	21.53	21.39	22.7	0
20	QPSK	50	24	21.40	21.41	21.41		
20	QPSK	50	50	21.37	21.46	21.39		
20	QPSK	100	0	21.34	21.42	21.28		



Band 5 Ant4 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				20450	20520	20600	21.4	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.02	20.18	19.93		
10	QPSK	1	25	19.72	19.78	19.79	21.4	0
10	QPSK	1	49	19.93	19.97	19.89		
10	QPSK	25	0	19.82	19.97	19.81		
10	QPSK	25	12	19.62	19.80	19.73	21.4	0
10	QPSK	25	25	19.83	19.86	19.89		
10	QPSK	50	0	19.78	19.85	19.74		

Band 26 for FCC Ant4 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				20765	20865	20965	21.4	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.01	20.13	19.94		
15	QPSK	1	37	19.74	19.82	19.88	21.4	0
15	QPSK	1	74	19.88	19.99	19.89		
15	QPSK	36	0	19.88	19.97	19.73		
15	QPSK	36	20	19.67	19.75	19.77	21.4	0
15	QPSK	36	39	19.82	19.81	19.78		
15	QPSK	75	0	19.75	19.88	19.73		

Reduced Power Mode for DSI3

GSM850 And DSI3								
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	123	169	251		123	169	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.67	31.80	31.88	33.50	22.67	22.80	22.88	24.50
GPRS 1 Tx slot	31.66	31.78	31.70	33.50	22.66	22.78	22.70	24.50
GPRS 2 Tx slots	29.60	29.73	29.67	31.00	23.60	23.73	23.67	25.00
GPRS 3 Tx slots	27.71	27.77	27.68	29.00	23.45	23.51	23.42	24.74
GPRS 4 Tx slots	26.58	26.64	26.68	27.50	23.58	23.64	23.68	24.50
EDGE 1 Tx slot	26.07	26.09	26.07	27.00	17.07	17.09	17.07	18.00
EDGE 2 Tx slots	25.32	25.37	25.37	26.50	16.32	16.37	16.37	17.50
EDGE 3 Tx slots	22.66	22.63	22.59	24.00	18.40	18.37	18.33	19.74
EDGE 4 Tx slots	20.02	20.04	19.96	21.00	17.02	17.04	16.96	18.00

WCDMA V And DSI3				
Band	WCDMA V			Tune-up Limit (dBm)
TX Channel	4132	4182	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	825.4	830.4	835.0	
3GPP Rel 99 AMR 12.2Kbps	22.46	22.53	22.41	24.00
3GPP Rel 99 RMC 12.2Kbps	22.47	22.50	22.49	24.00
3GPP Rel 6 HSDPA Subtest-1	21.50	21.50	21.44	23.00
3GPP Rel 6 HSDPA Subtest-2	21.49	21.53	21.49	23.00
3GPP Rel 6 HSDPA Subtest-3	21.04	21.07	20.92	22.50
3GPP Rel 6 HSDPA Subtest-4	20.89	21.07	20.96	22.50
3GPP Rel 6 DC-HSDPA Subtest-1	21.50	21.61	21.43	23.00
3GPP Rel 6 DC-HSDPA Subtest-2	21.53	21.55	21.45	23.00
3GPP Rel 6 DC-HSDPA Subtest-3	20.98	21.17	20.91	22.50
3GPP Rel 6 DC-HSDPA Subtest-4	21.00	21.06	20.85	22.50
3GPP Rel 6 HSUPA Subtest-1	21.50	21.53	21.43	23.00
3GPP Rel 6 HSUPA Subtest-2	19.49	19.62	19.55	21.00
3GPP Rel 6 HSUPA Subtest-3	20.43	20.46	20.42	22.00
3GPP Rel 6 HSUPA Subtest-4	19.50	19.67	19.37	21.00
3GPP Rel 6 HSUPA Subtest-5	21.48	21.45	21.49	23.00



Band 5 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20520	20600	24	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.30	22.40	22.36		
10	QPSK	1	25	22.08	22.29	22.24	23	1
10	QPSK	1	49	22.19	22.29	22.23		
10	QPSK	25	0	21.32	21.43	21.39		
10	QPSK	25	12	21.23	21.34	21.24		
10	QPSK	25	25	21.15	21.24	21.20		
10	QPSK	50	0	21.37	21.39	21.33		

Band 26 for FCC Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20765	20865	20965	24	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.09	22.29	22.16		
15	QPSK	1	37	22.06	22.06	22.00	23	1
15	QPSK	1	74	22.08	22.17	22.01		
15	QPSK	36	0	21.33	21.43	21.30		
15	QPSK	36	20	21.18	21.27	21.20		
15	QPSK	36	39	21.16	21.38	21.27		
15	QPSK	75	0	21.24	21.26	21.17		

GSM1900 Anti DSS

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1852.2	1852.2	1852.2		1852.2	1852.2	1852.2	
GSM 1 Tx slot	29.25	29.25	29.22	30.50	20.35	20.25	20.22	21.50
GPRS 1 Tx slot	29.26	29.26	29.20	30.50	20.28	20.26	20.20	21.50
GPRS 2 Tx slots	27.45	27.55	27.46	28.50	21.45	21.55	21.46	22.50
GPRS 3 Tx slots	24.79	24.73	24.68	26.00	20.53	20.47	20.42	21.74
GPRS 4 Tx slots	22.86	22.93	22.89	24.00	19.86	19.93	19.89	21.00
EDGE 1 Tx slot	24.47	24.56	24.49	25.50	15.47	15.56	15.49	16.50
EDGE 2 Tx slots	23.15	23.25	23.17	24.50	17.15	17.25	17.17	18.50
EDGE 3 Tx slots	21.17	21.06	21.02	22.00	16.91	16.80	16.76	17.74
EDGE 4 Tx slots	19.03	19.00	19.02	20.00	16.03	16.00	16.02	17.00

WCDMA 8 Anti DSS

Band	WCDMA 8			Tune-up Limit (dBm)
	5262	5400	5538	
TX Channel	5262	5400	5538	
Frequency (MHz)	1852.4	1880	1907.6	
3GPP Rel 99	21.13	21.24	21.13	22.30
3GPP Rel 99	RNC 12.2kops	21.15	21.28	22.30
3GPP Rel 6	HSDPA Subtest-1	20.30	20.30	21.30
3GPP Rel 6	HSDPA Subtest-2	20.22	20.31	20.21
3GPP Rel 6	HSDPA Subtest-3	19.90	19.87	19.64
3GPP Rel 6	HSDPA Subtest-4	19.48	19.72	19.66
3GPP Rel 6	DCHSDPA Subtest-1	20.28	20.38	20.12
3GPP Rel 6	DCHSDPA Subtest-2	20.29	20.27	20.05
3GPP Rel 6	DCHSDPA Subtest-3	19.68	20.02	19.65
3GPP Rel 6	DCHSDPA Subtest-4	19.79	19.81	19.70
3GPP Rel 6	HSPA Subtest-1	20.15	20.25	20.29
3GPP Rel 6	HSPA Subtest-2	18.20	18.44	18.36
3GPP Rel 6	HSPA Subtest-3	19.05	19.15	19.12
3GPP Rel 6	HSPA Subtest-4	18.15	18.20	18.16
3GPP Rel 6	HSPA Subtest-5	20.14	20.37	20.34



Band 2 Ant1 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel Frequency (MHz)				18700	18950	19100		
20	QPSK	1	0	20.39	20.41	20.32	21.7	0
20	QPSK	1	49	20.17	20.28	20.28		
20	QPSK	1	99	20.29	20.33	20.27		
20	QPSK	50	0	20.13	20.36	20.19	21.7	0
20	QPSK	50	24	20.21	20.21	20.13		
20	QPSK	50	50	20.12	20.28	20.15		
20	QPSK	100	0	20.17	20.23	20.21		

Band 7 Ant1 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dbm)	MPR (db)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.72	21.74	21.66	22.6	0
20	QPSK	1	49	21.36	21.51	21.44		
20	QPSK	1	99	21.60	21.64	21.51		
20	QPSK	50	0	21.60	21.67	21.54	22.6	0
20	QPSK	50	24	21.41	21.45	21.35		
20	QPSK	50	50	21.38	21.45	21.24		
20	QPSK	100	0	21.53	21.63	21.50		



Band 38 Ant1 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.29	22.36	22.35	22.8	0	
20	QPSK	1	49	22.03	22.25	22.07			
20	QPSK	1	99	22.04	21.96	21.97			
20	QPSK	50	0	21.63	21.75	21.59	22.8	0	
20	QPSK	50	24	21.46	21.61	21.54			
20	QPSK	50	50	21.62	21.69	21.59			
20	QPSK	100	0	21.53	21.68	21.53			

Band 41 Ant1 DSI3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.36	22.06	22.38	22.15	22.27	22.8	0
20	QPSK	1	49	22.05	22.11	22.16	22.09	22.19		
20	QPSK	1	99	22.02	22.00	22.16	22.17	22.08		
20	QPSK	50	0	21.68	21.69	21.85	21.79	21.68	22.8	0
20	QPSK	50	24	21.61	21.69	21.79	21.68	21.64		
20	QPSK	50	50	21.61	21.56	21.75	21.63	21.57		
20	QPSK	100	0	21.70	21.66	21.84	21.69	21.72		



Band 42 FCC Part27Q Ant3 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.38	19.62	19.31	20.4	0
20	QPSK	1	49	19.23	19.29	19.16		
20	QPSK	1	99	19.28	19.30	19.37		
20	QPSK	50	0	19.21	19.34	19.21	20.4	0
20	QPSK	50	24	19.13	19.09	19.19		
20	QPSK	50	50	19.18	19.23	19.17		
20	QPSK	100	0	19.11	19.18	19.14		



Band 5 Ant4 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20520	20600	22.9	0
Frequency (MHz)				829	838.5	844		
10	QPSK	1	0	22.07	22.14	22.13		
10	QPSK	1	25	21.84	22.03	21.91	22	0.9
10	QPSK	1	49	21.99	22.10	21.96		
10	QPSK	25	0	21.22	21.33	21.23		
10	QPSK	25	12	21.03	21.20	21.14	22	0.9
10	QPSK	25	25	21.04	21.14	21.05		
10	QPSK	50	0	21.26	21.30	21.17		

Band 26 for FCC Ant4 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20765	20865	20965	22.9	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.13	22.17	22.11		
15	QPSK	1	37	21.95	22.01	21.92	22	0.9
15	QPSK	1	74	22.06	22.13	22.06		
15	QPSK	36	0	21.22	21.39	21.35		
15	QPSK	36	20	21.15	21.29	21.16	22	0.9
15	QPSK	36	39	21.12	21.26	21.20		
15	QPSK	75	0	21.32	21.38	21.34		

Reduced Power Mode for DS16

GSM850 And DS16						
GSM850	Burst Average Power (dbm)			Tune-up		Frame-Average Power (dbm)
TX Channel	128	189	251	Limit	128	189
Frequency (MHz)	834.2	834.4	834.6	Limit	834.2	834.4
GSM 1 Tx slot	31.67	31.80	31.88	33.50	22.67	22.80
GPRS 1 Tx slot	31.66	31.78	31.70	33.50	22.66	22.78
GPRS 2 Tx slots	29.60	29.73	29.67	31.00	23.60	23.73
GPRS 3 Tx slots	27.71	27.77	27.68	29.00	23.45	23.51
GPRS 4 Tx slots	26.58	26.64	26.68	27.50	23.58	23.64
EDGE 1 Tx slot	26.07	26.09	26.07	27.00	17.07	17.09
EDGE 2 Tx slots	25.32	25.37	25.37	26.50	16.32	16.37
EDGE 3 Tx slots	22.60	22.63	22.59	24.00	18.40	18.37
EDGE 4 Tx slots	20.02	20.04	19.96	21.00	17.02	17.04

WCDMA V And DS16				
Band	WCDMA V			Tune-up
TX Channel	4132	4182	4233	
Rx Channel	4357	4407	4458	Limit
Frequency (MHz)	825.4	835.4	845.6	(dbm)
3GPP Rel 99	22.48	22.53	22.41	24.00
3GPP Rel 99	RMC 12.2Kbps	22.47	22.58	22.49
3GPP Rel 6	HSDPA Subtest-1	21.50	21.50	21.44
3GPP Rel 6	HSDPA Subtest-2	21.49	21.53	21.49
3GPP Rel 6	HSDPA Subtest-3	21.54	21.07	20.92
3GPP Rel 6	HSDPA Subtest-4	20.89	21.07	20.96
3GPP Rel 8	DCHSDPA Subtest-1	21.50	21.61	21.43
3GPP Rel 8	DCHSDPA Subtest-2	21.53	21.55	21.45
3GPP Rel 8	DCHSDPA Subtest-3	20.98	21.17	20.91
3GPP Rel 8	DCHSDPA Subtest-4	21.00	21.06	20.85
3GPP Rel 8	HSUPA Subtest-1	21.50	21.53	21.43
3GPP Rel 8	HSUPA Subtest-2	19.49	19.62	19.55
3GPP Rel 8	HSUPA Subtest-3	20.43	20.46	20.42
3GPP Rel 8	HSUPA Subtest-4	19.50	19.67	19.37
3GPP Rel 8	HSUPA Subtest-5	21.48	21.45	21.49



Band 5 Ant0 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				20450	20525	20600	24	0
Frequency (MHz)				830	835.5	841		
10	QPSK	1	0	22.30	22.40	22.36		
10	QPSK	1	25	22.09	22.29	22.24	23	1
10	QPSK	1	49	22.19	22.29	22.23		
10	QPSK	25	0	21.32	21.43	21.39		
10	QPSK	25	12	21.23	21.34	21.24	23	1
10	QPSK	25	25	21.15	21.24	21.20		
10	QPSK	50	0	21.37	21.39	21.33		

Band 26 for FCC Ant0 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				26766	26865	26965	24	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.09	22.29	22.16		
15	QPSK	1	37	22.06	22.06	22.00	23	1
15	QPSK	1	74	22.08	22.17	22.01		
15	QPSK	36	0	21.33	21.43	21.30		
15	QPSK	36	20	21.16	21.27	21.20	23	1
15	QPSK	36	39	21.16	21.38	21.27		
15	QPSK	75	0	21.24	21.26	21.17		

GSM1900 Ant DS86								
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1850	1850.8		1850.2	1850	1850.8	
GSM 1 Tx slot	29.35	29.25	29.22	30.50	20.35	20.25	20.22	21.50
GPRS 1 Tx slot	29.26	29.26	29.20	30.50	20.26	20.26	20.20	21.50
GPRS 2 Tx slots	27.45	27.55	27.46	28.50	21.45	21.55	21.46	22.50
GPRS 3 Tx slots	24.79	24.73	24.68	26.00	20.53	20.47	20.42	21.74
GPRS 4 Tx slots	22.86	22.93	22.89	24.00	19.86	19.93	19.89	21.00
EDGE 1 Tx slot	24.47	24.56	24.49	25.50	15.47	15.56	15.49	16.50
EDGE 2 Tx slots	23.15	23.25	23.17	24.50	17.15	17.25	17.17	18.50
EDGE 3 Tx slots	21.17	21.06	21.02	22.00	16.91	16.80	16.76	17.74
EDGE 4 Tx slots	19.03	19.00	19.02	20.00	16.03	16.00	16.02	17.00

WCDMA 8 Ant1 DS86					
Band	WCDMA II			Tune-up Limit (dBm)	
TX Channel	5262	5400	5538		
Rx Channel	5692	5830	5938		
Frequency (MHz)	1852.4	1880	1907.6		
3GPP Rel 99	AMR 12.2kops	22.01	22.07	21.95	23.60
3GPP Rel 99	RMC 12.2kops	22.01	22.11	22.05	23.60
3GPP Rel 6	HSDPA Subtest-1	21.15	21.22	20.99	22.80
3GPP Rel 6	HSDPA Subtest-2	21.08	21.10	21.00	22.80
3GPP Rel 6	HSDPA Subtest-3	20.71	20.67	20.44	22.10
3GPP Rel 6	HSDPA Subtest-4	20.49	20.54	20.45	22.10
3GPP Rel 6	DCHSDPA Subtest-1	21.11	21.17	20.92	22.80
3GPP Rel 6	DCHSDPA Subtest-2	21.13	21.05	20.93	22.80
3GPP Rel 6	DCHSDPA Subtest-3	20.57	20.87	20.50	22.10
3GPP Rel 6	DCHSDPA Subtest-4	20.59	20.86	20.52	22.10
3GPP Rel 6	HSUPA Subtest-1	20.97	21.13	21.19	22.80
3GPP Rel 6	HSUPA Subtest-2	19.08	19.24	19.21	20.80
3GPP Rel 6	HSUPA Subtest-3	20.07	20.10	20.12	21.80
3GPP Rel 6	HSUPA Subtest-4	19.04	19.12	18.92	20.80
3GPP Rel 6	HSUPA Subtest-5	20.97	21.16	21.13	22.80

Band 2 Ant1 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18950	19100		
Frequency (MHz)				18650	18900	18950		
20	QPSK	1	0	22.13	22.28	22.11	23.7	0
20	QPSK	1	49	22.05	22.14	22.18		
20	QPSK	1	99	22.10	22.23	22.07		
20	QPSK	50	0	21.67	21.72	21.64	23	0.7
20	QPSK	50	24	21.41	21.58	21.35		
20	QPSK	50	50	21.39	21.55	21.51		
20	QPSK	100	0	21.61	21.71	21.67		

Band 7 Ant1 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				20810	21035	21060		
20	QPSK	1	0	21.72	21.74	21.66	23.3	0
20	QPSK	1	49	21.36	21.51	21.44		
20	QPSK	1	99	21.60	21.64	21.51		
20	QPSK	50	0	21.60	21.67	21.54	23	0.3
20	QPSK	50	24	21.41	21.45	21.35		
20	QPSK	50	50	21.38	21.45	21.24		
20	QPSK	100	0	21.53	21.63	21.50		

Band 38 Ant1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37650	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.83	22.87	22.81	24	0
20	QPSK	1	49	22.57	22.59	22.60		
20	QPSK	1	99	22.45	22.56	22.45		
20	QPSK	50	0	21.57	21.77	21.58	23	1
20	QPSK	50	24	21.48	21.61	21.55		
20	QPSK	50	50	21.61	21.72	21.52		
20	QPSK	100	0	21.53	21.64	21.52		

Band 41 Ant1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40165	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.81	22.68	22.90	22.68	22.66	24	0
20	QPSK	1	49	22.54	22.53	22.74	22.62	22.65		
20	QPSK	1	99	22.50	22.50	22.68	22.61	22.59		
20	QPSK	50	0	22.63	22.58	22.77	22.63	22.61	23	1
20	QPSK	50	24	22.54	22.61	22.62	22.58	22.53		
20	QPSK	50	50	22.52	22.46	22.65	22.69	22.50		
20	QPSK	100	0	22.53	22.58	22.72	22.57	22.60		



Band 42 FCC Part27Q Ant3 DSI6								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.28	22.47	22.29	23.4	0
20	QPSK	1	49	22.15	22.23	22.16		
20	QPSK	1	99	22.22	22.30	22.19		
20	QPSK	50	0	21.84	21.95	21.81	23	0.4
20	QPSK	50	24	21.84	21.85	21.78		
20	QPSK	50	50	21.62	21.66	21.59		
20	QPSK	100	0	21.81	21.93	21.83		



Band 5 Ant4 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20520	20600	23	0
Frequency (MHz)				820	836.5	844		
10	QPSK	1	0	22.03	22.15	22.13		
10	QPSK	1	25	21.89	22.05	21.89	22	1
10	QPSK	1	49	21.97	22.14	22.01		
10	QPSK	25	0	21.13	21.27	21.18		
10	QPSK	25	12	21.02	21.19	21.20		
10	QPSK	25	25	21.05	21.12	21.08		
10	QPSK	50	0	21.19	21.26	21.14		

Band 26 for FCC Ant4 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20765	20865	20965	23	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.04	22.19	22.15		
15	QPSK	1	37	21.99	22.03	21.88	22	1
15	QPSK	1	74	22.06	22.12	22.07		
15	QPSK	36	0	21.23	21.42	21.38		
15	QPSK	36	20	21.18	21.31	21.08		
15	QPSK	36	39	21.11	21.31	21.22		
15	QPSK	75	0	21.35	21.41	21.37		

Reduced Power Mode for DS17

GSM850 AHD DS17							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		
TX Channel	128	189	251		128	189	251
Frequency (MHz)	834.2	834.4	834.6		834.2	834.4	834.6
GSM 1 Tx slot	31.67	31.80	31.88	33.50	22.67	22.80	22.88
GPRS 1 Tx slot	31.66	31.78	31.70	33.50	22.66	22.78	22.70
GPRS 2 Tx slots	29.60	29.73	29.67	31.00	23.60	23.73	23.67
GPRS 3 Tx slots	27.71	27.77	27.68	29.00	23.45	23.51	23.42
GPRS 4 Tx slots	26.58	26.64	26.68	27.50	23.58	23.64	23.68
EDGE 1 Tx slot	26.07	26.09	26.07	27.00	17.07	17.09	17.07
EDGE 2 Tx slots	25.32	25.37	25.37	26.50	16.32	16.37	16.37
EDGE 3 Tx slots	22.86	22.83	22.59	24.00	16.40	16.37	16.33
EDGE 4 Tx slots	20.02	20.04	19.96	21.00	17.02	17.04	16.96

WCDMA V AHD DS17				
Band	WCDMA V			Tune-up Limit (dBm)
TX Channel	4132	4182	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	825.4	835.4	845.6	
3GPP Rel 99 RMC 12.2Kbps	22.46	22.53	22.41	24.00
3GPP Rel 99 RMC 12.2Kbps	22.47	22.50	22.49	24.00
3GPP Rel 6 HSDPA Subtest-1	21.50	21.50	21.44	23.00
3GPP Rel 6 HSDPA Subtest-2	21.49	21.53	21.49	23.00
3GPP Rel 6 HSDPA Subtest-3	21.04	21.07	20.92	22.50
3GPP Rel 6 HSDPA Subtest-4	20.89	21.07	20.90	22.50
3GPP Rel 8 DCHSDPA Subtest-1	21.50	21.61	21.43	23.00
3GPP Rel 8 DCHSDPA Subtest-2	21.53	21.55	21.45	23.00
3GPP Rel 8 DCHSDPA Subtest-3	20.98	21.17	20.91	22.50
3GPP Rel 8 DCHSDPA Subtest-4	21.00	21.06	20.85	22.50
3GPP Rel 6 HSUPA Subtest-1	21.50	21.53	21.43	23.00
3GPP Rel 6 HSUPA Subtest-2	19.49	19.62	19.55	21.00
3GPP Rel 6 HSUPA Subtest-3	20.43	20.46	20.42	22.00
3GPP Rel 6 HSUPA Subtest-4	19.50	19.67	19.37	21.00
3GPP Rel 6 HSUPA Subtest-5	21.48	21.45	21.49	23.00



Band 5 Ant0 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				830	835.5	841		
10	QPSK	1	0	22.30	22.40	22.36		
10	QPSK	1	25	22.09	22.29	22.24	24	0
10	QPSK	1	49	22.19	22.29	22.23	23	1
10	QPSK	25	0	21.32	21.43	21.39		
10	QPSK	25	12	21.23	21.34	21.24		
10	QPSK	25	25	21.15	21.24	21.20		
10	QPSK	50	0	21.37	21.39	21.33		

Band 26 for FCC Ant0 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				26766	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.09	22.29	22.16		
15	QPSK	1	37	22.06	22.06	22.00	24	0
15	QPSK	1	74	22.08	22.17	22.01	23	1
15	QPSK	36	0	21.33	21.43	21.30		
15	QPSK	36	20	21.16	21.27	21.20		
15	QPSK	36	39	21.16	21.38	21.27		
15	QPSK	75	0	21.24	21.26	21.17		

GSM1900 Anti DS17								
TX Channel	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1850	1850.8		1850.2	1850	1850.8	
GSM 1 Tx slot	29.35	29.25	29.22	30.50	20.35	20.25	20.22	21.50
GPRS 1 Tx slot	29.26	29.26	29.20	30.50	20.26	20.26	20.20	21.50
GPRS 2 Tx slots	27.45	27.55	27.46	28.50	21.45	21.55	21.46	22.50
GPRS 3 Tx slots	24.79	24.73	24.68	26.00	20.53	20.47	20.42	21.74
GPRS 4 Tx slots	22.86	22.93	22.89	24.00	19.86	19.93	19.89	21.00
EDGE 1 Tx slot	24.47	24.56	24.49	25.50	15.47	15.56	15.49	16.50
EDGE 2 Tx slots	23.15	23.25	23.17	24.50	17.15	17.25	17.17	18.50
EDGE 3 Tx slots	21.17	21.06	21.02	22.00	16.91	16.80	16.76	17.74
EDGE 4 Tx slots	19.03	19.00	19.02	20.00	16.03	16.00	16.02	17.00

WCDMA 3 Anti DS17				
Band TX Channel	WCDMA II			Tune-up Limit (dBm)
	5262	5400	5538	
Rx Channel	5692	5930	5938	
Frequency (MHz)	1852.4	1880	1907.6	
3GPP Rel 99 AMR 12.2Kbps	19.28	19.48	19.34	21.20
3GPP Rel 99 RMC 12.2Kbps	19.29	19.51	19.39	21.20
3GPP Rel 6 HSDPA Subtest-1	18.41	18.52	18.32	20.20
3GPP Rel 6 HSDPA Subtest-2	18.41	18.40	18.32	20.20
3GPP Rel 6 HSDPA Subtest-3	18.13	18.07	17.79	19.70
3GPP Rel 6 HSDPA Subtest-4	17.77	17.85	17.81	19.70
3GPP Rel 6 DCHSDPA Subtest-1	18.49	18.48	18.27	20.20
3GPP Rel 6 DCHSDPA Subtest-2	18.49	18.44	18.31	20.20
3GPP Rel 6 DCHSDPA Subtest-3	17.89	18.19	17.87	19.70
3GPP Rel 6 DCHSDPA Subtest-4	17.95	17.96	17.89	19.70
3GPP Rel 6 HSUPA Subtest-1	19.27	18.50	18.52	20.20
3GPP Rel 6 HSUPA Subtest-2	18.36	16.52	16.55	18.20
3GPP Rel 6 HSUPA Subtest-3	17.23	17.40	17.24	19.20
3GPP Rel 6 HSUPA Subtest-4	16.41	16.43	16.34	18.20
3GPP Rel 6 HSUPA Subtest-5	16.36	18.58	18.49	20.20



Band 2 Ant1 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1880	1890	1900		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.25	20.59	20.26	21.3	0
20	QPSK	1	49	20.10	20.31	20.11		
20	QPSK	1	99	20.22	20.27	20.34		
20	QPSK	50	0	20.47	20.52	20.38	21.3	0
20	QPSK	50	24	20.35	20.42	20.33		
20	QPSK	50	50	20.43	20.47	20.43		
20	QPSK	100	0	20.32	20.57	20.35		

Band 7 Ant1 DSI7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPE (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2100	2135	2160			
20	QPSK	1	0	21.04	21.11	21.02	22.5	0	
20	QPSK	1	49	20.83	20.88	20.81			
20	QPSK	1	99	20.91	20.90	20.93			
20	QPSK	50	0	20.80	20.92	20.84	22.5	0	
20	QPSK	50	24	20.72	20.75	20.74			
20	QPSK	50	50	20.71	20.89	20.88			
20	QPSK	100	0	20.71	20.91	20.69			



Band 38 Ant1 DSI7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.30	22.38	22.33	22.8	0	
20	QPSK	1	49	22.15	22.21	22.18			
20	QPSK	1	99	22.16	22.27	22.09			
20	QPSK	50	0	21.61	21.68	21.62	22.8	0	
20	QPSK	50	24	21.52	21.60	21.61			
20	QPSK	50	50	21.58	21.66	21.59			
20	QPSK	100	0	21.61	21.65	21.58			

Band 41 Ant1 DSI7										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.36	22.16	22.39	22.24	22.26	22.8	0
20	QPSK	1	49	22.09	22.10	22.13	22.11	22.21		
20	QPSK	1	99	22.04	22.04	22.23	22.16	22.16		
20	QPSK	50	0	22.11	22.14	22.31	22.14	22.16	22.8	0
20	QPSK	50	24	21.91	22.03	22.23	22.16	21.98		
20	QPSK	50	50	22.07	22.07	22.10	21.98	21.98		
20	QPSK	100	0	22.02	22.03	22.23	22.02	22.08		



Band 42 FCC Part27Q Ant3 DSI7								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.45	16.59	16.48	17.5	0
20	QPSK	1	49	16.37	16.38	16.33		
20	QPSK	1	99	16.39	16.47	16.32		
20	QPSK	50	0	16.40	16.45	16.32	17.5	0
20	QPSK	50	24	16.27	16.21	16.25		
20	QPSK	50	50	16.20	16.29	16.36		
20	QPSK	100	0	16.21	16.25	16.19		



Band 5 Ant4 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20520	20600	22.3	0
Frequency (MHz)				829	838.5	844		
10	QPSK	1	0	21.13	21.25	21.02		
10	QPSK	1	25	20.83	21.01	20.85	22	0.3
10	QPSK	1	49	20.95	21.19	21.00		
10	QPSK	25	0	21.00	21.01	21.00		
10	QPSK	25	12	20.85	20.84	20.88		
10	QPSK	25	25	20.88	20.98	20.91		
10	QPSK	50	0	20.78	20.95	20.93		

Band 26 for FCC Ant4 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20765	20865	20965	22.3	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.12	21.21	21.03		
15	QPSK	1	37	20.88	20.92	20.82	22	0.3
15	QPSK	1	74	20.95	21.08	20.99		
15	QPSK	36	0	20.98	21.01	21.00		
15	QPSK	36	20	20.81	20.85	20.87		
15	QPSK	36	39	20.80	20.95	20.93		
15	QPSK	75	0	20.83	20.93	20.86		



Full & Default Power Mode

n5 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MTR (dB)
Channel				166600	167300	167600	24.0	0.0
Frequency (MHz)				824	836.5	839		
20	QPSK	1	1	23.09	23.12	23.07	24.0	0.0
20	QPSK	50	28	22.74	22.89	22.87	24.0	0.0
20	QPSK	100	0	21.84	21.91	21.85	23.0	1.0

n26 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MTR (dB)
Channel				164600	165300	167600	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.92	22.98	22.91	24.0	0.0
20	QPSK	50	28	22.77	22.89	22.88	24.0	0.0
20	QPSK	100	0	21.84	22.01	21.88	23.0	1.0



n7 Ant1 Default								
SW [MHz]	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	24.0	0.0
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.60	22.71	22.82		
40	QPSK	108	54	22.43	22.50	22.45	24.0	0.0
40	QPSK	216	0	21.54	21.57	21.55	23.0	1.0



n38 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low	Middle	High			
Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.			
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	23.21	23.25	23.10	24.0	0.0	
40	QPSK	50	28	22.92	23.08	22.97	24.0	0.0	
40	QPSK	100	0	22.09	22.19	22.07	23.0	1.0	

n41 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				506202	516598	528000			
Frequency (MHz)				2546.01	2552.99	2640			
100	QPSK	1	1	22.87	23.03	22.88	24.0	0.0	
100	QPSK	135	69	22.57	22.66	22.58	24.0	0.0	
100	QPSK	270	0	21.71	21.80	21.71	23.0	1.0	



n5 Ant4 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166900	167300	167600		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.63	22.72	22.63	24.0	0.0
20	QPSK	50	28	22.43	22.48	22.38	24.0	0.0
20	QPSK	100	0	21.46	21.57	21.51	22.0	1.0

n26 Ant4 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				154600	160300	167800		
Frequency (MHz)				773	801.5	839		
20	QPSK	1	1	22.62	22.73	22.70	24.0	0.0
20	QPSK	50	28	22.35	22.49	22.43	24.0	0.0
20	QPSK	100	0	21.53	21.69	21.61	23.0	1.0



Part270 n77 Ant3 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	24.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	22.38	22.54	22.49	24.0	0.0	
100	PI/2 BPSK	1	137	22.35	22.43	22.41			
100	PI/2 BPSK	1	271	22.28	22.40	22.37			
100	PI/2 BPSK	135	0	21.97	22.10	21.93		23.5	
100	PI/2 BPSK	135	69	22.36	22.43	22.46	24.0	0.0	
100	PI/2 BPSK	135	138	21.98	22.16	22.00			
100	PI/2 BPSK	270	0	21.99	22.20	22.12	24.0	0.0	
100	QPSK	1	1	22.49	22.59	22.49			
100	QPSK	1	137	22.41	22.52	22.48			
100	QPSK	1	271	22.35	22.47	22.31			
100	QPSK	135	0	21.51	21.51	21.43	23.0	1.0	
100	QPSK	135	69	22.36	22.54	22.47			
100	QPSK	135	138	21.42	21.55	21.40	23.0	1.0	
100	QPSK	270	0	21.60	21.64	21.48			
100	16QAM	1	1	21.41	21.41	21.37	23.0		
100	64QAM	1	1	19.80	19.89	19.81	21.5		
100	256QAM	1	1	17.75	17.90	17.74	19.5		
Channel				649668	650000	662334	Tune-up limit (dBm)		
Frequency (MHz)				3745.02	3840	3935.01	(dBm)		
90	QPSK	1	1	22.36	22.47	22.35	24.0		
Channel				649334	650000	662668	Tune-up limit (dBm)		
Frequency (MHz)				3740.01	3840	3940.02	(dBm)		
80	QPSK	1	1	22.42	22.47	22.36	24.0		
Channel				649000	650000	663000	Tune-up limit (dBm)		
Frequency (MHz)				3735	3840	3945	(dBm)		
70	QPSK	1	1	22.35	22.49	22.40	24.0		
Channel				648668	650000	663334	Tune-up limit (dBm)		
Frequency (MHz)				3730.02	3840	3950.01	(dBm)		
60	QPSK	1	1	22.42	22.47	22.41	24.0		
Channel				648334	650000	663668	Tune-up limit (dBm)		
Frequency (MHz)				3725.01	3840	3955.02	(dBm)		
50	QPSK	1	1	22.35	22.45	22.36	24.0		
Channel				648000	650000	664000	Tune-up limit (dBm)		
Frequency (MHz)				3720	3840	3960	(dBm)		
40	QPSK	1	1	22.44	22.46	22.38	24.0		
Channel				647668	650000	664334	Tune-up limit (dBm)		
Frequency (MHz)				3715.02	3840	3965.01	(dBm)		
30	QPSK	1	1	22.37	22.50	22.42	24.0		
Channel				647334	650000	664668	Tune-up limit (dBm)		
Frequency (MHz)				3710.01	3840	3970.02	(dBm)		
20	QPSK	1	1	22.35	22.45	22.38	24.0		

Part270 n77 PC2 Ant3 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	25.39	25.52	25.45	27.0	0.0	
100	PI/2 BPSK	1	137	25.36	25.45	25.39			
100	PI/2 BPSK	1	271	25.25	25.37	25.28			
100	PI/2 BPSK	135	0	25.00	25.08	24.88		0.5	
100	PI/2 BPSK	135	69	25.36	25.52	25.36	27.0	0.0	
100	PI/2 BPSK	135	138	24.99	25.14	25.05		0.5	
100	PI/2 BPSK	270	0	25.05	25.21	25.03			
100	QPSK	1	1	25.49	25.59	25.49	27.0	0.0	
100	QPSK	1	137	25.39	25.51	25.45			
100	QPSK	1	271	25.37	25.53	25.39			
100	QPSK	135	0	24.51	24.52	24.40		1.0	
100	QPSK	135	69	25.36	25.56	25.46	26.0	1.0	
100	QPSK	135	138	24.49	24.62	24.40		1.0	
100	QPSK	270	0	24.57	24.67	24.47			
100	16QAM	1	1	24.44	24.46	24.39	26.0	1.0	
100	64QAM	1	1	22.80	22.87	22.81		24.5	
100	256QAM	1	1	20.84	20.85	20.80		22.5	
Channel				649668	650000	662334	Tune-up limit (dbm)		
Frequency (MHz)				3745.02	3840	3935.01	(dbm)		
90	QPSK	1	1	25.39	25.54	25.43	27.0	MPR	
Channel				649334	650000	662668		Tune-up limit (dbm)	
Frequency (MHz)				3740.01	3840	3940.02	(dbm)		
80	QPSK	1	1	25.41	25.53	25.36	27.0	MPR	
Channel				649000	650000	663000		Tune-up limit (dbm)	
Frequency (MHz)				3735	3840	3945	(dbm)		
70	QPSK	1	1	25.41	25.51	25.39	27.0	0.0	
Channel				648668	650000	663334		Tune-up limit (dbm)	
Frequency (MHz)				3730.02	3840	3950.01	(dbm)		
60	QPSK	1	1	25.38	25.53	25.43	27.0	MPR	
Channel				648334	650000	663668		Tune-up limit (dbm)	
Frequency (MHz)				3725.01	3840	3955.02	(dbm)		
50	QPSK	1	1	25.34	25.51	25.42	27.0	MPR	
Channel				648000	650000	664000		Tune-up limit (dbm)	
Frequency (MHz)				3720	3840	3960	(dbm)		
40	QPSK	1	1	25.41	25.45	25.34	27.0	0.0	
Channel				647668	650000	663334		Tune-up limit (dbm)	
Frequency (MHz)				3715.02	3840	3965.01	(dbm)		
30	QPSK	1	1	25.37	25.45	25.39	27.0	MPR	
Channel				647334	650000	664668		Tune-up limit (dbm)	
Frequency (MHz)				3710.01	3840	3970.02	(dbm)		
20	QPSK	1	1	25.44	25.49	25.39	27.0	0.0	



Part270 n78 Ant3 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	Pi/2 BPSK	1	1		22.46				
100	Pi/2 BPSK	1	137		22.37		24.0	0.0	
100	Pi/2 BPSK	1	271		22.33				
100	Pi/2 BPSK	135	0		21.93		23.5	0.5	
100	Pi/2 BPSK	135	69		22.40		24.0	0.0	
100	Pi/2 BPSK	135	138		22.01				
100	Pi/2 BPSK	270	0		22.07		23.5	0.5	
100	QPSK	1	1		22.51				
100	QPSK	1	137		22.40		24.0	0.0	
100	QPSK	1	271		22.40				
100	QPSK	135	0		21.50		23.0	1.0	
100	QPSK	135	69		22.37		24.0	0.0	
100	QPSK	135	138		21.43				
100	QPSK	270	0		21.51		23.0	1.0	
100	16QAM	1	1		21.34		23.0	1.0	
100	64QAM	1	1		19.77		21.5	2.5	
100	256QAM	1	1		17.77		19.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	22.34	22.41	22.24	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	22.26	22.45	22.20	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	22.27	22.41	22.20	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	22.24	22.41	22.27	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	22.26	22.44	22.23	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	22.27	22.44	22.18	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	22.28	22.46	22.24	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	22.24	22.45	22.25	24.0	0.0	

Part270 n78 PC2 Ant3 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	Pi/2 BPSK	1	1		25.38				
100	Pi/2 BPSK	1	137		25.35		27.0	0.0	
100	Pi/2 BPSK	1	271		25.29				
100	Pi/2 BPSK	135	0		24.93		26.5	0.5	
100	Pi/2 BPSK	135	69		25.34		27.0	0.0	
100	Pi/2 BPSK	135	138		25.03				
100	Pi/2 BPSK	270	0		25.12		26.5	0.5	
100	QPSK	1	1		25.54				
100	QPSK	1	137		25.40		27.0	0.0	
100	QPSK	1	271		25.38				
100	QPSK	135	0		24.46		26.0	1.0	
100	QPSK	135	69		25.38		27.0	0.0	
100	QPSK	135	138		24.44				
100	QPSK	270	0		24.54		26.0	1.0	
100	16QAM	1	1		24.38		26.0	1.0	
100	64QAM	1	1		22.83		24.5	2.5	
100	256QAM	1	1		20.72		22.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	25.26	25.48	25.33	27.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	25.23	25.46	25.37	27.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	25.23	25.48	25.31	27.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	25.26	25.43	25.35	27.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	25.27	25.49	25.33	27.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	25.30	25.45	25.35	27.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	25.22	25.42	25.27	27.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	25.23	25.45	25.33	27.0	0.0	

Part270 n77 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.06	20.25	20.21	21.0	0.0
100	PI/2 BPSK	1	137	20.10	20.15	20.04		
100	PI/2 BPSK	1	271	19.95	20.07	20.00		
100	PI/2 BPSK	135	0	19.73	19.73	19.60		
100	PI/2 BPSK	135	69	20.07	20.19	20.15	21.0	0.0
100	PI/2 BPSK	135	138	19.68	19.83	19.71	20.5	0.5
100	PI/2 BPSK	270	0	19.78	19.85	19.76		
100	QPSK	1	1	20.23	20.33	20.16	21.0	0.0
100	QPSK	1	137	20.05	20.23	20.09		
100	QPSK	1	271	20.10	20.17	20.06		
100	QPSK	135	0	19.19	19.23	19.12	20.0	1.0
100	QPSK	135	69	20.08	20.19	20.13	21.0	0.0
100	QPSK	135	138	19.13	19.28	19.15	20.0	1.0
100	QPSK	270	0	19.24	19.34	19.26		
100	16QAM	1	1	19.16	19.17	19.07	20.0	1.0
100	64QAM	1	1	18.34	18.36	18.23	18.5	2.5
100	256QAM	1	1	16.23	16.34	16.20	16.5	4.5
Channel				649668	650000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.13	20.19	20.05	21.0	0.0
Channel				649334	650000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.15	20.24	20.10	21.0	0.0
Channel				649200	650000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.17	20.27	20.01	21.0	0.0
Channel				648668	650000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.17	20.22	20.10	21.0	0.0
Channel				648334	650000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.08	20.25	20.03	21.0	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.18	20.25	20.02	21.0	0.0
Channel				647668	650000	663934	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.12	20.21	20.08	21.0	0.0
Channel				647334	650000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.14	20.25	20.01	21.0	0.0

Part270 n77 PC2 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	21.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.82	20.87	20.88	21.5	0.0
100	PI/2 BPSK	1	137	20.79	20.88	20.78		
100	PI/2 BPSK	1	271	20.70	20.80	20.77		
100	PI/2 BPSK	135	0	20.34	20.50	20.30		
100	PI/2 BPSK	135	69	20.76	20.92	20.61	21.5	0.0
100	PI/2 BPSK	135	138	20.35	20.53	20.47	21.0	0.5
100	PI/2 BPSK	270	0	20.45	20.61	20.42		
100	QPSK	1	1	20.93	20.98	20.84	21.5	0.0
100	QPSK	1	137	20.75	20.93	20.84		
100	QPSK	1	271	20.76	20.88	20.78		
100	QPSK	135	0	19.95	19.99	19.80	20.5	1.0
100	QPSK	135	69	20.77	20.93	20.85	21.5	0.0
100	QPSK	135	138	19.85	19.98	19.88	20.5	1.0
100	QPSK	270	0	19.95	20.02	19.96		
100	16QAM	1	1	19.82	19.82	19.79	20.5	1.0
100	64QAM	1	1	18.23	18.31	18.20	19.0	2.5
100	256QAM	1	1	16.17	16.21	16.11	17.0	4.5
Channel				649566	650000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.83	20.85	20.70	21.5	0.0
Channel				649334	650000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.86	20.92	20.72	21.5	0.0
Channel				649000	650000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.83	20.91	20.71	21.5	0.0
Channel				648668	650000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.84	20.89	20.76	21.5	0.0
Channel				648334	650000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.85	20.85	20.74	21.5	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.79	20.92	20.71	21.5	0.0
Channel				647668	650000	663934	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.81	20.86	20.79	21.5	0.0
Channel				647334	650000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.87	20.89	20.78	21.5	0.0

Part270 n78 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PV2 BPSK	1	1		20.22			
100	PV2 BPSK	1	137		20.18		21.0	0.0
100	PV2 BPSK	1	271		20.15			
100	PV2 BPSK	135	0		19.82		20.5	0.5
100	PV2 BPSK	135	69		20.20		21.0	0.0
100	PV2 BPSK	135	138		19.83			
100	PV2 BPSK	270	0		19.87		20.5	0.5
100	QPSK	1	1		20.27			
100	QPSK	1	137		20.22		21.0	0.0
100	QPSK	1	271		20.15			
100	QPSK	135	0		19.28		20.0	1.0
100	QPSK	135	69		20.18		21.0	0.0
100	QPSK	135	138		19.28			
100	QPSK	270	0		19.32		20.0	1.0
100	16QAM	1	1		19.21		20.0	1.0
100	64QAM	1	1		17.60		18.5	2.5
100	256QAM	1	1		15.55		16.5	4.5
Channel				648668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.08	20.14	20.08	21.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.15	20.19	20.05	21.0	0.0
Channel				649200	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.14	20.17	20.08	21.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.08	20.20	20.14	21.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.13	20.13	20.14	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.15	20.14	20.12	21.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.15	20.20	20.11	21.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.10	20.14	20.11	21.0	0.0

Part270 n78 PC2 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PV2 BPSK	1	1	22.81	22.88	22.84		
100	PV2 BPSK	1	137	22.74	22.88	22.77	24.0	0.0
100	PV2 BPSK	1	271	22.66	22.76	22.76		
100	PV2 BPSK	135	0	22.34	22.46	22.33	23.5	0.5
100	PV2 BPSK	135	69	22.81	22.88	22.77	24.0	0.0
100	PV2 BPSK	135	138	22.37	22.47	22.40		
100	PV2 BPSK	270	0	22.42	22.56	22.51	23.5	0.5
100	QPSK	1	1	22.88	22.97	22.88		
100	QPSK	1	137	22.76	22.92	22.86	24.0	0.0
100	QPSK	1	271	22.77	22.92	22.80		
100	QPSK	135	0	21.90	22.00	21.88	23.0	1.0
100	QPSK	135	69	22.83	22.88	22.85	24.0	0.0
100	QPSK	135	138	21.86	22.02	21.87		
100	QPSK	270	0	21.94	22.07	21.96	23.0	1.0
100	16QAM	1	1	21.82	21.86	21.76	23.0	1.0
100	64QAM	1	1	20.20	20.30	20.20	21.5	2.5
100	256QAM	1	1	18.23	18.25	18.19	19.5	4.5
Channel				648668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	22.81	22.85	22.74	24.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	22.78	22.87	22.82	24.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.75	22.90	22.80	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	22.74	22.87	22.82	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	22.75	22.85	22.77	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.79	22.90	22.75	24.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	22.74	22.92	22.76	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	22.80	22.81	22.82	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.93	20.10	20.10	21.0	0.0
100	PI/2 BPSK	1	137	19.96	20.11	19.97		
100	PI/2 BPSK	1	271	19.90	20.00	19.96		
100	PI/2 BPSK	135	0	19.82	19.85	19.90	20.5	0.5
100	PI/2 BPSK	135	69	19.95	20.12	19.97	21.0	0.0
100	PI/2 BPSK	135	138	19.82	19.88	19.81	20.5	0.5
100	PI/2 BPSK	270	0	19.59	19.77	19.72		
100	QPSK	1	1	20.16	20.19	20.11	21.0	0.0
100	QPSK	1	137	20.03	20.16	20.04		
100	QPSK	1	271	19.95	20.09	19.96		
100	QPSK	135	0	19.11	19.19	18.99	20.0	1.0
100	QPSK	135	69	19.99	20.12	20.07	21.0	0.0
100	QPSK	135	138	19.06	19.14	18.99	20.0	1.0
100	QPSK	270	0	19.12	19.26	19.15		
100	16QAM	1	1	18.98	19.02	18.96	20.0	1.0
100	64QAM	1	1	17.41	17.51	17.46	18.5	2.5
100	256QAM	1	1	15.36	15.40	15.35	16.5	4.5
Channel				648668	656000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.10	20.10	19.98	21.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.06	20.05	20.05	21.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.08	20.11	20.00	21.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR
Frequency (MHz)				3720.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.04	20.11	20.01	21.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.09	20.06	19.99	21.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3950	(dBm)	(dB)
40	QPSK	1	1	20.02	20.14	19.98	21.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3955.01	(dBm)	(dB)
30	QPSK	1	1	20.10	20.11	20.05	21.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.03	20.11	19.99	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	22.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.90	21.04	20.96	22.0	0.0
100	PI/2 BPSK	1	137	20.92	21.03	20.91		
100	PI/2 BPSK	1	271	20.89	21.01	20.89		
100	PI/2 BPSK	135	0	20.57	20.64	20.45	21.5	0.5
100	PI/2 BPSK	135	69	20.99	21.01	20.92	22.0	0.0
100	PI/2 BPSK	135	138	20.57	20.62	20.53	21.5	0.5
100	PI/2 BPSK	270	0	20.59	20.69	20.62		
100	QPSK	1	1	21.05	21.19	21.07	22.0	0.0
100	QPSK	1	137	20.89	21.07	20.98		
100	QPSK	1	271	20.92	21.04	20.90		
100	QPSK	135	0	20.08	20.13	20.01	21.0	1.0
100	QPSK	135	69	20.99	21.09	20.99	22.0	0.0
100	QPSK	135	138	19.98	20.15	19.99	21.0	1.0
100	QPSK	270	0	20.11	20.14	20.10		
100	16QAM	1	1	20.00	20.05	19.89	21.0	1.0
100	64QAM	1	1	18.29	18.40	18.34	19.5	2.5
100	256QAM	1	1	16.38	16.45	16.33	17.5	4.5
Channel				649668	656000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.99	21.12	21.01	22.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.91	21.05	21.02	22.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.95	21.13	20.99	22.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.95	21.09	21.01	22.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.91	21.06	20.92	22.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3950	(dBm)	(dB)
40	QPSK	1	1	20.98	21.05	20.95	22.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3955.01	(dBm)	(dB)
30	QPSK	1	1	20.96	21.05	21.02	22.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.94	21.04	20.93	22.0	0.0



Part270 n78 Ant7 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000			21.0	0.0	
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	20.31			21.0	0.0	
100	PI/2 BPSK	1	137	20.27					
100	PI/2 BPSK	1	271	20.25					
100	PI/2 BPSK	135	0	19.92			20.5	0.5	
100	PI/2 BPSK	135	69	20.31			21.0	0.0	
100	PI/2 BPSK	135	138	19.95			20.5	0.5	
100	PI/2 BPSK	270	0	19.98					
100	QPSK	1	1	20.38			21.0	0.0	
100	QPSK	1	137	20.34					
100	QPSK	1	271	20.30					
100	QPSK	135	0	19.37			20.0	1.0	
100	QPSK	135	69	20.32			21.0	0.0	
100	QPSK	135	138	19.35			20.0	1.0	
100	QPSK	270	0	19.37					
100	16QAM	1	1	19.29			20.0	1.0	
100	64QAM	1	1	17.71			18.5	2.5	
100	256QAM	1	1	15.67			16.5	4.5	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)		
90	QPSK	1	1	20.21	20.31	20.16	21.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)		
80	QPSK	1	1	20.21	20.31	20.18	21.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)		
70	QPSK	1	1	20.23	20.30	20.12	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)		
60	QPSK	1	1	20.26	20.30	20.16	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)		
50	QPSK	1	1	20.17	20.24	20.14	21.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)		
40	QPSK	1	1	20.21	20.31	20.11	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)		
30	QPSK	1	1	20.17	20.29	20.12	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)		
20	QPSK	1	1	20.16	20.27	20.17	21.0	0.0	

Part270 n78 PC2 Ant7 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000			24.0	0.0	
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	23.12			24.0	0.0	
100	PI/2 BPSK	1	137	23.00					
100	PI/2 BPSK	1	271	22.98					
100	PI/2 BPSK	135	0	22.80			23.5	0.5	
100	PI/2 BPSK	135	69	22.99			24.0	0.0	
100	PI/2 BPSK	135	138	22.88			23.5	0.5	
100	PI/2 BPSK	270	0	22.74					
100	QPSK	1	1	23.16			24.0	0.0	
100	QPSK	1	137	23.11					
100	QPSK	1	271	23.02					
100	QPSK	135	0	22.09			23.0	1.0	
100	QPSK	135	69	23.04			24.0	0.0	
100	QPSK	135	138	22.10			23.0	1.0	
100	QPSK	270	0	22.18					
100	16QAM	1	1	22.05			23.0	1.0	
100	64QAM	1	1	20.42			21.5	2.5	
100	256QAM	1	1	18.38			19.5	4.5	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)		
90	QPSK	1	1	22.99	23.09	22.99	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)		
80	QPSK	1	1	22.96	23.02	23.01	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)		
70	QPSK	1	1	22.96	23.10	22.95	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)		
60	QPSK	1	1	22.95	23.05	22.95	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)		
50	QPSK	1	1	22.95	23.01	22.95	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)		
40	QPSK	1	1	22.99	23.01	23.00	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)		
30	QPSK	1	1	22.94	23.02	23.00	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)		
20	QPSK	1	1	22.92	23.09	22.92	24.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.02	20.09	20.04	21.0	0.0
100	PI/2 BPSK	1	137	20.01	20.06	19.97		
100	PI/2 BPSK	1	271	19.85	19.99	19.95		
100	PI/2 BPSK	135	0	19.57	19.72	19.54		
100	PI/2 BPSK	135	69	19.95	20.10	20.01	21.0	0.0
100	PI/2 BPSK	135	138	19.59	19.65	19.59		
100	PI/2 BPSK	270	0	19.65	19.80	19.69	20.5	0.5
100	QPSK	1	1	20.08	20.18	20.03		
100	QPSK	1	137	19.96	20.15	20.06	21.0	0.0
100	QPSK	1	271	20.01	20.11	20.00		
100	QPSK	135	0	19.13	19.19	19.08	20.0	1.0
100	QPSK	135	69	20.02	20.05	20.05		
100	QPSK	135	138	19.03	19.14	19.05	20.0	1.0
100	QPSK	270	0	19.11	19.26	19.14		
100	16QAM	1	1	19.02	19.10	18.95	20.0	1.0
100	64QAM	1	1	17.44	17.43	17.42		
100	256QAM	1	1	15.40	15.42	15.31	18.5	4.5
Channel				648668	650000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	19.93	20.11	19.99	21.0	0.0
Channel				649334	650000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	19.99	20.12	19.98	21.0	0.0
Channel				649000	650000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.00	20.04	20.02	21.0	0.0
Channel				648668	650000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	19.97	20.09	20.00	21.0	0.0
Channel				648334	650000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	19.98	20.04	19.97	21.0	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	19.98	20.10	19.96	21.0	0.0
Channel				647668	650000	663934	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.01	20.05	19.96	21.0	0.0
Channel				647334	650000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.02	20.05	20.01	21.0	0.0

Part270 n77 PC2 Ant8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	21.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.61	20.74	20.69	21.5	0.0
100	PI/2 BPSK	1	137	20.61	20.69	20.58		
100	PI/2 BPSK	1	271	20.49	20.61	20.49		
100	PI/2 BPSK	135	0	20.14	20.30	20.09		
100	PI/2 BPSK	135	69	20.58	20.71	20.57	21.0	0.0
100	PI/2 BPSK	135	138	20.19	20.30	20.24		
100	PI/2 BPSK	270	0	20.25	20.39	20.32	21.0	0.5
100	QPSK	1	1	20.74	20.83	20.70		
100	QPSK	1	137	20.57	20.77	20.67	21.5	0.0
100	QPSK	1	271	20.58	20.68	20.52		
100	QPSK	135	0	19.73	19.72	19.65	20.5	1.0
100	QPSK	135	69	20.62	20.71	20.67		
100	QPSK	135	138	19.65	19.78	19.63	20.5	1.0
100	QPSK	270	0	19.77	19.86	19.75		
100	16QAM	1	1	19.57	19.64	19.59	20.5	1.0
100	64QAM	1	1	17.96	18.12	18.02		
100	256QAM	1	1	15.98	16.04	15.90	17.0	4.5
Channel				648668	650000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.61	20.77	20.60	21.5	0.0
Channel				649334	650000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.68	20.74	20.61	21.5	0.0
Channel				649000	650000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.60	20.70	20.61	21.5	0.0
Channel				648668	650000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.62	20.71	20.62	21.5	0.0
Channel				648334	650000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.59	20.78	20.56	21.5	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.61	20.76	20.62	21.5	0.0
Channel				647668	650000	663934	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.64	20.73	20.59	21.5	0.0
Channel				647334	650000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.59	20.76	20.55	21.5	0.0



Part270 n78 Ant8 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		20.28				
100	PI/2 BPSK	1	137		20.31		21.0	0.0	
100	PI/2 BPSK	1	271		20.19				
100	PI/2 BPSK	135	0		19.87		20.5	0.5	
100	PI/2 BPSK	135	69		20.24		21.0	0.0	
100	PI/2 BPSK	135	138		19.89				
100	PI/2 BPSK	270	0		20.02		20.5	0.5	
100	QPSK	1	1		20.38				
100	QPSK	1	137		20.35		21.0	0.0	
100	QPSK	1	271		20.34				
100	QPSK	135	0		19.38		20.0	1.0	
100	QPSK	135	69		20.29		21.0	0.0	
100	QPSK	135	138		19.41				
100	QPSK	270	0		19.45		20.0	1.0	
100	16QAM	1	1		19.30		20.0	1.0	
100	64QAM	1	1		17.66		18.5	2.5	
100	256QAM	1	1		15.61		16.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	20.24	20.29	20.18	21.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	20.26	20.29	20.14	21.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	20.18	20.21	20.16	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	20.17	20.27	20.17	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	20.17	20.30	20.13	21.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	20.19	20.22	20.19	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	20.25	20.25	20.17	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	20.24	20.26	20.18	21.0	0.0	

Part270 n78 PC2 Ant8 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		21.05				
100	PI/2 BPSK	1	137		20.98		22.5	0.0	
100	PI/2 BPSK	1	271		20.96				
100	PI/2 BPSK	135	0		20.61		22.0	0.5	
100	PI/2 BPSK	135	69		21.07		22.5	0.0	
100	PI/2 BPSK	135	138		20.68				
100	PI/2 BPSK	270	0		20.78		22.0	0.5	
100	QPSK	1	1		21.13				
100	QPSK	1	137		21.03		22.5	0.0	
100	QPSK	1	271		21.10				
100	QPSK	135	0		20.08		21.5	1.0	
100	QPSK	135	69		21.01		22.5	0.0	
100	QPSK	135	138		20.08				
100	QPSK	270	0		20.19		21.5	1.0	
100	16QAM	1	1		20.02		21.5	1.0	
100	64QAM	1	1		18.40		20.0	2.5	
100	256QAM	1	1		16.37		18.0	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	20.91	21.08	20.95	22.5	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	20.95	21.04	20.94	22.5	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	20.90	21.03	20.99	22.5	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	20.94	21.04	20.99	22.5	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	20.89	21.00	20.95	22.5	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	20.97	20.99	20.91	22.5	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	20.98	21.05	20.99	22.5	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	20.92	21.04	20.96	22.5	0.0	

Reduced Power Mode for DSI 2

n5 Ant0 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.09	23.12	23.07	24.0	0.0
20	QPSK	50	28	22.74	22.89	22.87	24.0	0.0
20	QPSK	100	0	21.84	21.91	21.85	23.0	1.0

n26 Ant0 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.62	22.69	22.91	24.0	0.0
20	QPSK	50	28	22.77	22.89	22.88	24.0	0.0
20	QPSK	100	0	21.84	22.01	21.88	23.0	1.0



n7 Ant1 DS12								
SW [MHz]	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	24.0	0.0
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.60	22.71	22.82		
40	QPSK	108	54	22.43	22.50	22.45	24.0	0.0
40	QPSK	216	0	21.54	21.57	21.55	23.0	1.0



n38 Ant1 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	24.0	0.0
Frequency (MHz)				7950.02	7959	7969.98		
40	QPSK	1	1	23.21	23.25	23.10	24.0	0.0
40	QPSK	50	28	22.92	23.08	22.97	24.0	0.0
40	QPSK	100	0	22.09	22.19	22.07	23.0	1.0

n41 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				506202	516598	528000	24.0	0.0
Frequency (MHz)				2646.01	2652.98	2640		
100	QPSK	1	1	22.87	23.03	22.88	24.0	0.0
100	QPSK	135	69	22.57	22.66	22.58	24.0	0.0
100	QPSK	270	0	21.71	21.80	21.71	23.0	1.0



n5 Ant4 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				166500	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	20.65	20.70	20.56	21.9	0.0
20	QPSK	50	28	20.34	20.58	20.41	21.9	0.0
20	QPSK	100	0	20.49	20.55	20.52	21.9	0.0

n26 Ant4 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	QPSK	1	1	20.70	20.77	20.66	21.9	0.0
20	QPSK	50	28	20.40	20.72	20.60	21.9	0.0
20	QPSK	100	0	20.64	20.66	20.56	21.9	0.0

Part270 n77 PC2&PC3 Ant3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000	20.3	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.85	18.94	18.92	20.3	0.0
100	PI/2 BPSK	1	137	18.82	18.84	18.85		
100	PI/2 BPSK	1	271	18.69	18.75	18.69		
100	PI/2 BPSK	135	0	18.71	18.89	18.77		
100	PI/2 BPSK	135	69	18.82	18.99	18.81	20.3	0.0
100	PI/2 BPSK	135	138	18.59	18.76	18.70	20.3	0.0
100	PI/2 BPSK	270	0	18.73	18.89	18.79		
100	QPSK	1	1	19.23	19.34	19.19	20.3	0.0
100	QPSK	1	137	18.80	18.94	18.82		
100	QPSK	1	271	18.75	18.92	18.77		
100	QPSK	135	0	18.69	18.85	18.71	20.3	0.0
100	QPSK	135	69	18.79	19.01	18.91	20.3	0.0
100	QPSK	135	138	18.92	18.97	18.84	20.3	0.0
100	QPSK	270	0	18.64	18.82	18.80		
100	16QAM	1	1	18.69	18.92	18.66	20.3	0.0
100	64QAM	1	1	18.63	18.77	18.74	20.3	0.0
100	256QAM	1	1	18.71	18.75	18.86	20.3	0.0
Channel				649668	650000	652334	20.3	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.87	18.87	18.87	20.3	0.0
Channel				649334	650000	652668	20.3	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.92	18.85	18.87	20.3	0.0
Channel				649000	650000	653000	20.3	0.0
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.93	18.82	18.83	20.3	0.0
Channel				648668	650000	653334	20.3	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.91	18.85	18.81	20.3	0.0
Channel				648334	650000	653668	20.3	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.83	18.85	18.85	20.3	0.0
Channel				648000	650000	654000	20.3	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.93	18.92	18.80	20.3	0.0
Channel				647999	650000	654334	20.3	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.88	18.90	18.85	20.3	0.0
Channel				647334	650000	654668	20.3	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.90	18.90	18.82	20.3	0.0

Part270 n78 PC2&PC3 Ant3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000	20.3	0.0
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		18.95		20.3	0.0
100	PI/2 BPSK	1	137		18.86			
100	PI/2 BPSK	1	271		18.70			
100	PI/2 BPSK	135	0		18.87			
100	PI/2 BPSK	135	69		18.85		20.3	0.0
100	PI/2 BPSK	135	138		18.74		20.3	0.0
100	PI/2 BPSK	270	0		18.84			
100	QPSK	1	1		19.47		20.3	0.0
100	QPSK	1	137		18.93			
100	QPSK	1	271		18.92			
100	QPSK	135	0		18.89		20.3	0.0
100	QPSK	135	69		19.00		20.3	0.0
100	QPSK	135	138		18.93		20.3	0.0
100	QPSK	270	0		18.77			
100	16QAM	1	1		18.91		20.3	0.0
100	64QAM	1	1		18.80		20.3	0.0
100	256QAM	1	1		18.75		20.3	0.0
Channel				649668	650000	650334	20.3	0.0
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.89	18.89	18.86	20.3	0.0
Channel				649334	650000	650668	20.3	0.0
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.90	18.83	18.90	20.3	0.0
Channel				649000	650000	651000	20.3	0.0
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.92	18.82	18.91	20.3	0.0
Channel				648668	650000	651334	20.3	0.0
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.91	18.84	18.82	20.3	0.0
Channel				648334	650000	651668	20.3	0.0
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.83	18.83	18.84	20.3	0.0
Channel				648000	650000	652000	20.3	0.0
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.86	18.82	18.91	20.3	0.0
Channel				647999	650000	652334	20.3	0.0
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.85	18.92	18.85	20.3	0.0
Channel				647334	650000	652668	20.3	0.0
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.91	18.88	18.82	20.3	0.0

Part270 n77 PC2&PC3 Ant5 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.06	20.25	20.21	21.0	0.0
100	PI/2 BPSK	1	137	20.10	20.15	20.04		
100	PI/2 BPSK	1	271	19.95	20.07	20.00		
100	PI/2 BPSK	135	0	19.73	19.73	19.60		
100	PI/2 BPSK	135	69	20.07	20.19	20.15	21.0	0.0
100	PI/2 BPSK	135	138	19.68	19.83	19.71		
100	PI/2 BPSK	270	0	19.78	19.85	19.76		
100	QPSK	1	1	20.23	20.33	20.16		
100	QPSK	1	137	20.05	20.23	20.09	21.0	0.0
100	QPSK	1	271	20.10	20.17	20.06		
100	QPSK	135	0	19.19	19.23	19.12		
100	QPSK	135	69	20.08	20.15	20.13		
100	QPSK	135	138	19.13	19.28	19.15	21.0	0.0
100	QPSK	270	0	19.24	19.34	19.26		
100	16QAM	1	1	19.16	19.17	19.07		
100	64QAM	1	1	18.46	18.59	18.49		
100	256QAM	1	1	16.55	16.61	16.46	17.0	4.0
Channel				649668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.13	20.19	20.05	21.0	0.0
Channel				649334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.15	20.24	20.10	21.0	0.0
Channel				649200	650000	653300	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.17	20.27	20.01	21.0	0.0
Channel				648668	650000	653334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.17	20.22	20.10	21.0	0.0
Channel				648334	650000	653668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.08	20.25	20.03	21.0	0.0
Channel				648000	650000	654000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.18	20.25	20.02	21.0	0.0
Channel				647668	650000	654334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.12	20.21	20.08	21.0	0.0
Channel				647334	650000	654668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.14	20.25	20.01	21.0	0.0

Part270 n78 PC2&PC3 Ant5 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000		
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		17.46		18.6	0.0
100	PI/2 BPSK	1	137		17.40			
100	PI/2 BPSK	1	271		17.28			
100	PI/2 BPSK	135	0		17.31			
100	PI/2 BPSK	135	69		17.45		18.6	0.0
100	PI/2 BPSK	135	138		17.20			
100	PI/2 BPSK	270	0		17.37			
100	QPSK	1	1		17.52			
100	QPSK	1	137		17.38		18.6	0.0
100	QPSK	1	271		17.48			
100	QPSK	135	0		17.38			
100	QPSK	135	69		17.48			
100	QPSK	135	138		17.41		18.6	0.0
100	QPSK	270	0		17.28			
100	16QAM	1	1		17.39			
100	64QAM	1	1		17.28			
100	256QAM	1	1		17.30		18.6	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	17.35	17.47	17.29	18.6	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	17.35	17.38	17.33	18.6	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.44	17.39	17.37	18.6	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	17.42	17.43	17.29	18.6	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	17.38	17.41	17.33	18.6	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.44	17.43	17.35	18.6	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	17.37	17.45	17.28	18.6	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	17.41	17.41	17.36	18.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.93	20.10	20.10	21.0	0.0
100	PI/2 BPSK	1	137	19.96	20.11	19.97		
100	PI/2 BPSK	1	271	19.90	20.00	19.96	20.5	0.5
100	PI/2 BPSK	135	0	19.62	19.66	19.50		
100	PI/2 BPSK	135	69	19.95	20.12	19.97	21.0	0.0
100	PI/2 BPSK	135	138	19.62	19.66	19.61		
100	PI/2 BPSK	270	0	19.59	19.77	19.72	20.5	0.5
100	QPSK	1	1	20.16	20.19	20.11		
100	QPSK	1	137	20.03	20.16	20.04	21.0	0.0
100	QPSK	1	271	19.95	20.09	19.96		
100	QPSK	135	0	19.11	19.19	18.99	20.0	1.0
100	QPSK	135	69	19.99	20.12	20.07		
100	QPSK	135	138	19.06	19.14	18.99	20.0	1.0
100	QPSK	270	0	19.12	19.26	19.15		
100	16QAM	1	1	18.98	19.02	18.96	20.0	1.0
100	64QAM	1	1	17.41	17.51	17.46		
100	256QAM	1	1	15.36	15.40	15.35	16.5	4.5
Channel				648668	650000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.10	20.10	19.98	21.0	0.0
Channel				649334	650000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.06	20.05	20.05	21.0	0.0
Channel				649000	650000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.08	20.11	20.00	21.0	0.0
Channel				648668	650000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.04	20.11	20.01	21.0	0.0
Channel				648334	650000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.09	20.06	19.99	21.0	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.02	20.14	19.98	21.0	0.0
Channel				647668	650000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.10	20.11	20.05	21.0	0.0
Channel				647334	650000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.03	20.11	19.99	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	22.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.90	21.04	20.96	22.0	0.0
100	PI/2 BPSK	1	137	20.92	21.03	20.91		
100	PI/2 BPSK	1	271	20.80	21.01	20.89	21.5	0.5
100	PI/2 BPSK	135	0	20.57	20.64	20.45		
100	PI/2 BPSK	135	69	20.99	21.01	20.92	22.0	0.0
100	PI/2 BPSK	135	138	20.57	20.62	20.53		
100	PI/2 BPSK	270	0	20.59	20.69	20.62	21.5	0.5
100	QPSK	1	1	21.05	21.19	21.07		
100	QPSK	1	137	20.89	21.07	20.96	22.0	0.0
100	QPSK	1	271	20.92	21.04	20.90		
100	QPSK	135	0	20.08	20.13	20.01	21.0	1.0
100	QPSK	135	69	20.99	21.09	20.99		
100	QPSK	135	138	19.98	20.15	19.99	21.0	1.0
100	QPSK	270	0	20.11	20.14	20.10		
100	16QAM	1	1	20.00	20.05	19.89	21.0	1.0
100	64QAM	1	1	18.29	18.40	18.34		
100	256QAM	1	1	16.36	16.45	16.33	17.5	4.5
Channel				648668	650000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.99	21.12	21.01	22.0	0.0
Channel				649334	650000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.91	21.05	21.02	22.0	0.0
Channel				649000	650000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.95	21.13	20.99	22.0	0.0
Channel				648668	650000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.95	21.09	21.01	22.0	0.0
Channel				648334	650000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.91	21.06	20.92	22.0	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.98	21.05	20.96	22.0	0.0
Channel				647668	650000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.95	21.05	21.02	22.0	0.0
Channel				647334	650000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.94	21.04	20.93	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		20.31			
100	PI/2 BPSK	1	137		20.27		21.0	0.0
100	PI/2 BPSK	1	271		20.25			
100	PI/2 BPSK	135	0		19.92		20.5	0.5
100	PI/2 BPSK	135	69		20.31		21.0	0.0
100	PI/2 BPSK	135	138		19.95			
100	PI/2 BPSK	270	0		19.98		20.5	0.5
100	QPSK	1	1		20.38			
100	QPSK	1	137		20.34		21.0	0.0
100	QPSK	1	271		20.30			
100	QPSK	135	0		19.37		20.0	1.0
100	QPSK	135	69		20.35		21.0	0.0
100	QPSK	135	138		19.35			
100	QPSK	270	0		19.37		20.0	1.0
100	16QAM	1	1		19.29		20.0	1.0
100	64QAM	1	1		17.71		18.5	2.5
100	256QAM	1	1		15.67		16.5	4.5
Channel				648668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.21	20.31	20.16	21.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.21	20.31	20.18	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.23	20.30	20.12	21.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.26	20.30	20.16	21.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.17	20.24	20.14	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.21	20.31	20.11	21.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.17	20.29	20.12	21.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.16	20.27	20.17	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		23.12			
100	PI/2 BPSK	1	137		23.00		24.0	0.0
100	PI/2 BPSK	1	271		22.98			
100	PI/2 BPSK	135	0		22.60		23.5	0.5
100	PI/2 BPSK	135	69		22.99		24.0	0.0
100	PI/2 BPSK	135	138		22.68			
100	PI/2 BPSK	270	0		22.74		23.5	0.5
100	QPSK	1	1		23.16			
100	QPSK	1	137		23.11		24.0	0.0
100	QPSK	1	271		23.02			
100	QPSK	135	0		22.09		23.0	1.0
100	QPSK	135	69		23.04		24.0	0.0
100	QPSK	135	138		22.10			
100	QPSK	270	0		22.18		23.0	1.0
100	16QAM	1	1		22.05		23.0	1.0
100	64QAM	1	1		20.42		21.5	2.5
100	256QAM	1	1		18.38		19.5	4.5
Channel				648668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	22.99	23.09	22.99	24.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	22.96	23.02	23.01	24.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.96	23.10	22.95	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	22.98	23.05	22.98	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	22.95	23.01	22.95	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.99	23.01	23.00	24.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	22.94	23.02	23.00	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	22.92	23.09	22.92	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.02	20.09	20.04	21.0	0.0
100	PI/2 BPSK	1	137	20.01	20.06	19.97		
100	PI/2 BPSK	1	271	19.85	19.99	19.95		
100	PI/2 BPSK	135	0	19.57	19.72	19.54		
100	PI/2 BPSK	135	69	19.95	20.10	20.01	21.0	0.0
100	PI/2 BPSK	135	138	19.59	19.65	19.59	20.5	0.5
100	PI/2 BPSK	270	0	19.65	19.80	19.69		
100	QPSK	1	1	20.08	20.18	20.03	21.0	0.0
100	QPSK	1	137	19.96	20.15	20.06		
100	QPSK	1	271	20.01	20.11	20.00		
100	QPSK	135	0	19.13	19.19	19.08		
100	QPSK	135	69	20.02	20.05	20.05	21.0	0.0
100	QPSK	135	138	19.03	19.14	19.05	20.0	1.0
100	QPSK	270	0	19.11	19.26	19.14		
100	16QAM	1	1	19.02	19.10	18.95	20.0	1.0
100	64QAM	1	1	17.44	17.43	17.42	18.5	2.5
100	256QAM	1	1	15.40	15.42	15.31	16.5	4.5
Channel				648668	650000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	19.93	20.11	19.99	21.0	0.0
Channel				649334	650000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	19.99	20.12	19.98	21.0	0.0
Channel				649000	650000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.00	20.04	20.02	21.0	0.0
Channel				648668	650000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	19.97	20.09	20.00	21.0	0.0
Channel				648334	650000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	19.98	20.04	19.97	21.0	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	19.98	20.10	19.96	21.0	0.0
Channel				647668	650000	663334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.01	20.05	19.96	21.0	0.0
Channel				647334	650000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.02	20.05	20.01	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	21.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.61	20.74	20.69	21.5	0.0
100	PI/2 BPSK	1	137	20.61	20.69	20.58		
100	PI/2 BPSK	1	271	20.49	20.61	20.49		
100	PI/2 BPSK	135	0	20.14	20.30	20.09		
100	PI/2 BPSK	135	69	20.58	20.71	20.57	21.5	0.0
100	PI/2 BPSK	135	138	20.19	20.30	20.24	21.0	0.5
100	PI/2 BPSK	270	0	20.25	20.39	20.32		
100	QPSK	1	1	20.74	20.83	20.70	21.5	0.0
100	QPSK	1	137	20.57	20.77	20.67		
100	QPSK	1	271	20.58	20.68	20.52		
100	QPSK	135	0	19.73	19.72	19.65		
100	QPSK	135	69	20.62	20.71	20.67	21.5	0.0
100	QPSK	135	138	19.65	19.79	19.63	20.5	1.0
100	QPSK	270	0	19.77	19.86	19.75		
100	16QAM	1	1	19.57	19.64	19.59	20.5	1.0
100	64QAM	1	1	17.96	18.12	18.02	19.0	2.5
100	256QAM	1	1	15.98	16.04	15.90	17.0	4.5
Channel				648668	650000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.61	20.77	20.60	21.5	0.0
Channel				649334	650000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.68	20.74	20.61	21.5	0.0
Channel				649000	650000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.60	20.70	20.61	21.5	0.0
Channel				648668	650000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.62	20.71	20.62	21.5	0.0
Channel				648334	650000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.59	20.78	20.56	21.5	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.61	20.76	20.62	21.5	0.0
Channel				647668	650000	663334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.64	20.73	20.59	21.5	0.0
Channel				647334	650000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.59	20.76	20.55	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PV2 BPSK	1	1		20.28			
100	PV2 BPSK	1	137		20.31		21.0	0.0
100	PV2 BPSK	1	271		20.19			
100	PV2 BPSK	135	0		19.87		20.5	0.5
100	PV2 BPSK	135	69		20.24		21.0	0.0
100	PV2 BPSK	135	138		19.89			
100	PV2 BPSK	270	0		20.02		20.5	0.5
100	QPSK	1	1		20.38			
100	QPSK	1	137		20.35		21.0	0.0
100	QPSK	1	271		20.34			
100	QPSK	135	0		19.38		20.0	1.0
100	QPSK	135	69		20.29		21.0	0.0
100	QPSK	135	138		19.41			
100	QPSK	270	0		19.45		20.0	1.0
100	16QAM	1	1		19.30		20.0	1.0
100	64QAM	1	1		17.66		18.5	2.5
100	256QAM	1	1		15.61		16.5	4.5
Channel				648668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.24	20.29	20.18	21.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.26	20.29	20.14	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.18	20.21	20.16	21.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.17	20.27	20.17	21.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.17	20.30	20.13	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.19	20.22	20.19	21.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.25	20.25	20.17	21.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.24	20.26	20.18	21.0	0.0

Part270 n78 PC2 Ant8 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	PV2 BPSK	1	1		21.05			
100	PV2 BPSK	1	137		20.98		22.5	0.0
100	PV2 BPSK	1	271		20.96			
100	PV2 BPSK	135	0		20.61		22.0	0.5
100	PV2 BPSK	135	69		21.07		22.5	0.0
100	PV2 BPSK	135	138		20.68			
100	PV2 BPSK	270	0		20.78		22.0	0.5
100	QPSK	1	1		21.13			
100	QPSK	1	137		21.03		22.5	0.0
100	QPSK	1	271		21.10			
100	QPSK	135	0		20.08		21.5	1.0
100	QPSK	135	69		21.01		22.5	0.0
100	QPSK	135	138		20.08			
100	QPSK	270	0		20.19		21.5	1.0
100	16QAM	1	1		20.02		21.5	1.0
100	64QAM	1	1		18.40		20.0	2.5
100	256QAM	1	1		16.37		18.0	4.5
Channel				648668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.91	21.08	20.95	22.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.95	21.04	20.94	22.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.90	21.03	20.99	22.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.94	21.04	20.99	22.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.89	21.00	20.95	22.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.97	20.99	20.91	22.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.98	21.05	20.99	22.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.92	21.04	20.96	22.5	0.0

Reduced Power Mode for DSI3

n5 Ant0 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166000	167300	167600		
Frequency (MHz)				834	838.5	839		
20	QPSK	1	1	23.09	23.12	23.07	24.0	0.0
20	QPSK	50	28	22.74	22.89	22.87	24.0	0.0
20	QPSK	100	0	21.84	21.91	21.85	23.0	1.0

n26 Ant0 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164600	165300	167600		
Frequency (MHz)				824	831.5	835		
20	QPSK	1	1	22.92	22.99	22.91	24.0	0.0
20	QPSK	50	28	22.77	22.89	22.88	24.0	0.0
20	QPSK	100	0	21.84	22.01	21.88	23.0	1.0



n7 Ant1 DS13								
SW [MHz]	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	22.0	0.0
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.70	20.77	20.60		
40	QPSK	108	54	20.66	20.75	20.63	22.0	0.0
40	QPSK	216	0	20.37	20.54	20.27	22.0	0.0

n38 Ant1 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	22.4	0.0
Frequency (MHz)				7950.02	7959	7969.98		
40	QPSK	1	1	21.27	21.45	21.36	22.4	0.0
40	QPSK	50	28	21.31	21.36	21.12	22.4	0.0
40	QPSK	100	0	21.03	21.14	20.97	22.4	0.0

n41 Ant1 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	516598	526000	22.4	0.0
Frequency (MHz)				2546.01	2552.96	2640		
100	QPSK	1	1	21.36	21.43	21.20	22.4	0.0
100	QPSK	135	69	21.23	21.40	21.19	22.4	0.0
100	QPSK	270	0	21.02	21.04	20.93	22.4	0.0

n5 Ant4 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	838.5	839		
20	QPSK	1	1	21.50	21.61	21.49	22.9	0.0
20	QPSK	50	28	21.51	21.52	21.46	22.9	0.0
20	QPSK	100	0	21.35	21.41	21.24	22.9	0.0

n26 Ant4 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	165300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	21.61	21.77	21.65	22.9	0.0
20	QPSK	50	28	21.57	21.59	21.56	22.9	0.0
20	QPSK	100	0	21.44	21.46	21.28	22.9	0.0

Part270 n77 PC2&PC3 Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	19.8	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.68	18.89	18.84	19.8	0.0
100	PI/2 BPSK	1	137	18.78	18.80	18.67		
100	PI/2 BPSK	1	271	18.82	18.69	18.64		
100	PI/2 BPSK	135	0	18.48	18.63	18.60		
100	PI/2 BPSK	135	69	18.58	18.76	18.77	19.8	0.0
100	PI/2 BPSK	135	138	18.60	18.71	18.67		
100	PI/2 BPSK	270	0	18.35	18.53	18.35		
100	QPSK	1	1	18.89	18.92	18.76		
100	QPSK	1	137	18.76	18.87	18.76	19.8	0.0
100	QPSK	1	271	18.74	18.85	18.67		
100	QPSK	135	0	18.67	18.91	18.98		
100	QPSK	135	69	18.59	18.80	18.75		
100	QPSK	135	138	18.69	18.70	18.76	19.8	0.0
100	QPSK	270	0	18.53	18.60	18.52		
100	16QAM	1	1	18.34	18.48	18.43		
100	64QAM	1	1	18.32	18.46	18.36		
100	256QAM	1	1	17.84	17.80	17.72	19.5	0.3
Channel				649668	650000	662334	19.8	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.79	18.77	18.64	19.8	0.0
Channel				649334	650000	662668	19.8	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.61	18.83	18.61	19.8	0.0
Channel				649000	650000	663000	19.8	0.0
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.82	18.88	18.05	19.8	0.0
Channel				648668	650000	663334	19.8	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.77	18.86	18.61	19.8	0.0
Channel				648334	650000	663668	19.8	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.74	18.79	18.62	19.8	0.0
Channel				648000	650000	664000	19.8	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.80	18.78	18.67	19.8	0.0
Channel				647668	650000	664334	19.8	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.82	18.77	18.67	19.8	0.0
Channel				647334	650000	664668	19.8	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.82	18.77	18.72	19.8	0.0

Part270 n78 PC2&PC3 Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	19.8	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.74	18.82	18.74	19.8	0.0
100	PI/2 BPSK	1	137	18.69	18.79	18.69		
100	PI/2 BPSK	1	271	18.60	18.77	18.60		
100	PI/2 BPSK	135	0	18.51	18.73	18.51		
100	PI/2 BPSK	135	69	18.67	18.72	18.67	19.8	0.0
100	PI/2 BPSK	135	138	18.59	18.60	18.59		
100	PI/2 BPSK	270	0	18.41	18.62	18.41		
100	QPSK	1	1	18.69	18.79	18.69		
100	QPSK	1	137	18.79	18.77	18.79	19.8	0.0
100	QPSK	1	271	18.69	18.73	18.69		
100	QPSK	135	0	18.72	18.60	18.72		
100	QPSK	135	69	18.60	18.62	18.60		
100	QPSK	135	138	18.51	18.59	18.51	19.8	0.0
100	QPSK	270	0	18.36	18.26	18.36		
100	16QAM	1	1	18.26	18.26	18.26		
100	64QAM	1	1	18.26	18.26	18.26		
100	256QAM	1	1	17.66	17.66	17.66	19.5	0.3
Channel				649668	650000	662334	19.8	0.0
Frequency (MHz)				3745.02	3840	3755.01		
90	QPSK	1	1	18.67	18.70	18.52	19.8	0.0
Channel				649334	650000	662668	19.8	0.0
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.69	18.65	18.49	19.8	0.0
Channel				649000	650000	663000	19.8	0.0
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.69	18.71	18.53	19.8	0.0
Channel				648668	650000	663334	19.8	0.0
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.63	18.64	18.49	19.8	0.0
Channel				648334	650000	663668	19.8	0.0
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.73	18.71	18.59	19.8	0.0
Channel				648000	650000	664000	19.8	0.0
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.66	18.63	18.59	19.8	0.0
Channel				647668	650000	664334	19.8	0.0
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.69	18.66	18.53	19.8	0.0
Channel				647334	650000	664668	19.8	0.0
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.65	18.65	18.54	19.8	0.0



Part270 n77 Ant5 DSI3								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PV2 BPSK	1	1	20.06	20.20	20.21	21.0	0.0
100	PV2 BPSK	1	137	20.10	20.15	20.04		
100	PV2 BPSK	1	271	19.95	20.07	20.00		
100	PV2 BPSK	135	0	19.73	19.73	19.60	20.5	0.5
100	PV2 BPSK	135	69	20.07	20.10	20.15	21.0	0.0
100	PV2 BPSK	135	138	19.85	19.83	19.71	20.5	0.5
100	PV2 BPSK	270	0	19.78	19.85	19.76	21.0	0.0
100	QPSK	1	1	20.23	20.33	20.16		
100	QPSK	1	137	20.16	20.23	20.09		
100	QPSK	1	271	20.10	20.17	20.05		
100	QPSK	135	0	19.19	19.23	19.12	20.0	1.0
100	QPSK	135	69	20.08	20.19	20.13	21.0	0.0
100	QPSK	135	138	19.13	19.28	19.15	20.0	1.0
100	QPSK	270	0	19.24	19.34	19.25	20.0	1.0
100	16QAM	1	1	19.16	19.17	19.07		
100	64QAM	1	1	17.46	17.59	17.49		
100	256QAM	1	1	15.55	15.61	15.45	16.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	20.13	20.19	20.05	21.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	20.15	20.24	20.10	21.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	20.17	20.27	20.01	21.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	20.17	20.22	20.10	21.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	20.08	20.25	20.03	21.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	20.18	20.25	20.02	21.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	20.12	20.21	20.09	21.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	20.14	20.25	20.01	21.0	0.0

Part270 n77 PC2 Ant5 DSI3								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PV2 BPSK	1	1	20.82	20.87	20.88	21.5	0.0
100	PV2 BPSK	1	137	20.79	20.88	20.78		
100	PV2 BPSK	1	271	20.70	20.80	20.77		
100	PV2 BPSK	135	0	20.34	20.50	20.30	21.0	0.5
100	PV2 BPSK	135	69	20.76	20.92	20.81	21.5	0.0
100	PV2 BPSK	135	138	20.35	20.53	20.47	21.0	0.5
100	PV2 BPSK	270	0	20.45	20.61	20.42	21.5	0.0
100	QPSK	1	1	20.93	20.98	20.84		
100	QPSK	1	137	20.76	20.95	20.64		
100	QPSK	1	271	20.76	20.85	20.75		
100	QPSK	135	0	19.95	19.99	19.90	20.5	1.0
100	QPSK	135	69	20.77	20.93	20.85	21.5	0.0
100	QPSK	135	138	19.85	19.88	19.88	20.5	1.0
100	QPSK	270	0	19.95	20.02	19.95	20.5	1.0
100	16QAM	1	1	19.82	19.82	19.79		
100	64QAM	1	1	18.23	18.31	18.20		
100	256QAM	1	1	16.17	16.21	16.11	17.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	20.83	20.85	20.70	21.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	20.86	20.92	20.72	21.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	20.83	20.91	20.71	21.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	20.84	20.89	20.76	21.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	20.85	20.85	20.74	21.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	20.79	20.92	20.71	21.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	20.81	20.89	20.79	21.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	20.87	20.89	20.78	21.5	0.0

Part270 n78 PC2&PC3 Ant5 DSI3								
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PV2 BPSK	1	1	18.27	18.41	18.37	19.6	0.0
100	PV2 BPSK	1	137	18.26	18.43	18.33		
100	PV2 BPSK	1	271	18.24	18.34	18.25		
100	PV2 BPSK	135	0	18.11	18.31	18.12	19.6	0.0
100	PV2 BPSK	135	69	18.29	18.33	18.29	19.6	0.0
100	PV2 BPSK	135	138	18.22	18.37	18.29	19.6	0.0
100	PV2 BPSK	270	0	17.93	18.12	18.01	19.6	0.0
100	QPSK	1	1	18.39	18.51	18.34		
100	QPSK	1	137	18.34	18.45	18.32		
100	QPSK	1	271	18.25	18.44	18.28		
100	QPSK	135	0	18.26	18.31	18.20	19.6	0.0
100	QPSK	135	69	18.30	18.43	18.41	19.6	0.0
100	QPSK	135	138	18.32	18.28	18.32	19.6	0.0
100	QPSK	270	0	18.07	18.14	18.02	19.6	0.0
100	16QAM	1	1	18.02	18.13	17.92		
100	64QAM	1	1	17.93	18.07	18.00		
100	256QAM	1	1	16.23	16.25	16.19	16.5	0.1
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.35	18.43	18.20	19.6	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.30	18.39	18.26	19.6	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	18.34	18.37	18.27	19.6	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	18.26	18.46	18.29	19.6	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.25	18.31	18.25	19.6	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.34	18.40	18.25	19.6	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.32	18.42	18.22	19.6	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.33	18.37	18.28	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.93	20.10	20.10	21.0	0.0
100	PI/2 BPSK	1	137	19.96	20.11	19.97		
100	PI/2 BPSK	1	271	19.90	20.00	19.96	20.5	0.5
100	PI/2 BPSK	135	0	19.62	19.66	19.50		
100	PI/2 BPSK	135	69	19.95	20.12	19.97	21.0	0.0
100	PI/2 BPSK	135	138	19.62	19.66	19.61		
100	PI/2 BPSK	270	0	19.59	19.77	19.72	20.5	0.5
100	QPSK	1	1	20.16	20.19	20.11		
100	QPSK	1	137	20.03	20.16	20.04	21.0	0.0
100	QPSK	1	271	19.95	20.09	19.96		
100	QPSK	135	0	19.11	19.19	18.99	20.0	1.0
100	QPSK	135	69	19.99	20.12	20.07		
100	QPSK	135	138	19.06	19.14	18.99	20.0	1.0
100	QPSK	270	0	19.12	19.26	19.15		
100	16QAM	1	1	18.98	19.02	18.96	20.0	1.0
100	64QAM	1	1	17.41	17.51	17.46		
100	256QAM	1	1	15.36	15.40	15.35	16.5	4.5
Channel				649668	650000	662334	21.0	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.10	20.10	19.98	21.0	0.0
Channel				649334	650000	662668	21.0	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.06	20.05	20.05	21.0	0.0
Channel				649000	650000	663000	21.0	0.0
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.08	20.11	20.00	21.0	0.0
Channel				648668	650000	663334	21.0	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.04	20.11	20.01	21.0	0.0
Channel				648334	650000	663668	21.0	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.09	20.06	19.99	21.0	0.0
Channel				648000	650000	664000	21.0	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.02	20.14	19.98	21.0	0.0
Channel				647668	650000	664334	21.0	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.10	20.11	20.05	21.0	0.0
Channel				647334	650000	664668	21.0	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.03	20.11	19.99	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	22.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.90	21.04	20.96	22.0	0.0
100	PI/2 BPSK	1	137	20.92	21.03	20.91		
100	PI/2 BPSK	1	271	20.80	21.01	20.89	21.5	0.5
100	PI/2 BPSK	135	0	20.57	20.64	20.45		
100	PI/2 BPSK	135	69	20.99	21.01	20.92	22.0	0.0
100	PI/2 BPSK	135	138	20.57	20.62	20.53		
100	PI/2 BPSK	270	0	20.59	20.69	20.62	21.5	0.5
100	QPSK	1	1	21.05	21.19	21.07		
100	QPSK	1	137	20.89	21.07	20.96	22.0	0.0
100	QPSK	1	271	20.92	21.04	20.90		
100	QPSK	135	0	20.08	20.13	20.01	21.0	1.0
100	QPSK	135	69	20.99	21.09	20.99		
100	QPSK	135	138	19.98	20.15	19.99	21.0	1.0
100	QPSK	270	0	20.11	20.14	20.10		
100	16QAM	1	1	20.00	20.05	19.89	21.0	1.0
100	64QAM	1	1	18.29	18.40	18.34		
100	256QAM	1	1	16.36	16.45	16.33	17.5	4.5
Channel				649668	650000	662334	21.0	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.99	21.12	21.01	22.0	0.0
Channel				649334	650000	662668	21.0	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.91	21.05	21.02	22.0	0.0
Channel				649000	650000	663000	21.0	0.0
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.95	21.13	20.99	22.0	0.0
Channel				648668	650000	663334	21.0	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.95	21.09	21.01	22.0	0.0
Channel				648334	650000	663668	21.0	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.91	21.06	20.92	22.0	0.0
Channel				648000	650000	664000	21.0	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.98	21.05	20.96	22.0	0.0
Channel				647668	650000	664334	21.0	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.95	21.05	21.02	22.0	0.0
Channel				647334	650000	664668	21.0	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.94	21.04	20.93	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PV2 BPSK	1	1		20.31			
100	PV2 BPSK	1	137		20.27		21.0	0.0
100	PV2 BPSK	1	271		20.25			
100	PV2 BPSK	135	0		19.92		20.5	0.5
100	PV2 BPSK	135	69		20.31		21.0	0.0
100	PV2 BPSK	135	138		19.95			
100	PV2 BPSK	270	0		19.98		20.5	0.5
100	QPSK	1	1		20.38			
100	QPSK	1	137		20.34		21.0	0.0
100	QPSK	1	271		20.30			
100	QPSK	135	0		19.37		20.0	1.0
100	QPSK	135	69		20.35		21.0	0.0
100	QPSK	135	138		19.35			
100	QPSK	270	0		19.37		20.0	1.0
100	16QAM	1	1		19.29		20.0	1.0
100	64QAM	1	1		17.71		18.5	2.5
100	256QAM	1	1		15.67		16.5	4.5
Channel				648668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.21	20.31	20.16	21.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.21	20.31	20.18	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.23	20.30	20.12	21.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.26	20.30	20.16	21.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.17	20.24	20.14	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.21	20.31	20.11	21.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.17	20.29	20.12	21.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.16	20.27	20.17	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PV2 BPSK	1	1		20.78			
100	PV2 BPSK	1	137		20.75		22.0	0.0
100	PV2 BPSK	1	271		20.75			
100	PV2 BPSK	135	0		20.72		22.0	0.0
100	PV2 BPSK	135	69		20.79		22.0	0.0
100	PV2 BPSK	135	138		20.71			
100	PV2 BPSK	270	0		20.44		22.0	0.0
100	QPSK	1	1		20.93			
100	QPSK	1	137		20.81		22.0	0.0
100	QPSK	1	271		20.81			
100	QPSK	135	0		20.79		22.0	0.0
100	QPSK	135	69		20.83		22.0	0.0
100	QPSK	135	138		20.69			
100	QPSK	270	0		20.64		22.0	0.0
100	16QAM	1	1		20.39		22.0	0.0
100	64QAM	1	1		19.84		21.5	0.5
100	256QAM	1	1		18.38		19.5	2.5
Channel				648668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.79	20.84	20.74	22.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.79	20.83	20.73	22.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.84	20.88	20.70	22.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.83	20.84	20.68	22.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.75	20.84	20.66	22.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.78	20.82	20.75	22.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.77	20.84	20.69	22.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.76	20.84	20.74	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.02	20.09	20.04	21.0	0.0
100	PI/2 BPSK	1	137	20.01	20.06	19.97		
100	PI/2 BPSK	1	271	19.85	19.99	19.95		
100	PI/2 BPSK	135	0	19.57	19.72	19.54		
100	PI/2 BPSK	135	69	19.95	20.10	20.01	21.0	0.0
100	PI/2 BPSK	135	138	19.59	19.65	19.59		
100	PI/2 BPSK	270	0	19.65	19.80	19.69	20.5	0.5
100	QPSK	1	1	20.08	20.18	20.03		
100	QPSK	1	137	19.96	20.15	20.06	21.0	0.0
100	QPSK	1	271	20.01	20.11	20.00		
100	QPSK	135	0	19.13	19.19	19.08	20.0	1.0
100	QPSK	135	69	20.02	20.05	20.05		
100	QPSK	135	138	19.03	19.14	19.05	20.0	1.0
100	QPSK	270	0	19.11	19.26	19.14		
100	16QAM	1	1	19.02	19.10	18.95	20.0	1.0
100	64QAM	1	1	17.44	17.43	17.42		
100	256QAM	1	1	15.40	15.42	15.31	18.5	4.5
Channel				648668	650000	662334		
Frequency (MHz)				3745.02	3840	3935.01	21.0	0.0
90	QPSK	1	1	19.93	20.11	19.99		
Channel				649334	650000	662668	21.0	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.99	20.12	19.98	21.0	0.0
Channel				649200	650000	663000		
Frequency (MHz)				3735	3840	3945	21.0	0.0
70	QPSK	1	1	20.00	20.04	20.02		
Channel				648668	650000	663334	21.0	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.97	20.09	20.00	21.0	0.0
Channel				648334	650000	663068		
Frequency (MHz)				3725.01	3840	3955.02	21.0	0.0
50	QPSK	1	1	19.98	20.04	19.97		
Channel				648000	650000	664000	21.0	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.98	20.10	19.96	21.0	0.0
Channel				647668	650000	663334		
Frequency (MHz)				3715.02	3840	3965.01	21.0	0.0
30	QPSK	1	1	20.01	20.05	19.96		
Channel				647334	650000	664668	21.0	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.02	20.05	20.01	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	21.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.61	20.74	20.69	21.5	0.0
100	PI/2 BPSK	1	137	20.61	20.69	20.58		
100	PI/2 BPSK	1	271	20.49	20.61	20.49		
100	PI/2 BPSK	135	0	20.14	20.30	20.09		
100	PI/2 BPSK	135	69	20.58	20.71	20.57	21.0	0.5
100	PI/2 BPSK	135	138	20.19	20.30	20.24		
100	PI/2 BPSK	270	0	20.25	20.39	20.32	21.0	0.5
100	QPSK	1	1	20.74	20.83	20.70		
100	QPSK	1	137	20.57	20.77	20.67	21.5	0.0
100	QPSK	1	271	20.58	20.68	20.52		
100	QPSK	135	0	19.73	19.72	19.65	20.5	1.0
100	QPSK	135	69	20.62	20.71	20.67		
100	QPSK	135	138	19.65	19.79	19.63	20.5	1.0
100	QPSK	270	0	19.77	19.86	19.75		
100	16QAM	1	1	19.57	19.64	19.59	20.5	1.0
100	64QAM	1	1	17.96	18.12	18.02		
100	256QAM	1	1	15.98	16.04	15.90	17.0	4.5
Channel				648668	650000	662334		
Frequency (MHz)				3745.02	3840	3935.01	21.5	0.0
90	QPSK	1	1	20.61	20.77	20.60		
Channel				649334	650000	662668	21.5	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.68	20.74	20.61	21.5	0.0
Channel				649000	650000	663000		
Frequency (MHz)				3735	3840	3945	21.5	0.0
70	QPSK	1	1	20.60	20.70	20.61		
Channel				648668	650000	663334	21.5	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.62	20.71	20.62	21.5	0.0
Channel				648334	650000	663068		
Frequency (MHz)				3725.01	3840	3955.02	21.5	0.0
50	QPSK	1	1	20.59	20.78	20.56		
Channel				648000	650000	664000	21.5	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.61	20.76	20.62	21.5	0.0
Channel				647668	650000	663334		
Frequency (MHz)				3715.02	3840	3965.01	21.5	0.0
30	QPSK	1	1	20.64	20.73	20.59		
Channel				647334	650000	664668	21.5	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.59	20.76	20.55	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		20.28			
100	PI/2 BPSK	1	137		20.31		21.0	0.0
100	PI/2 BPSK	1	271		20.19			
100	PI/2 BPSK	135	0		19.87		20.5	0.5
100	PI/2 BPSK	135	69		20.24		21.0	0.0
100	PI/2 BPSK	135	138		19.89			
100	PI/2 BPSK	270	0		20.02		20.5	0.5
100	QPSK	1	1		20.38			
100	QPSK	1	137		20.35		21.0	0.0
100	QPSK	1	271		20.34			
100	QPSK	135	0		19.38		20.0	1.0
100	QPSK	135	69		20.29		21.0	0.0
100	QPSK	135	138		19.41			
100	QPSK	270	0		19.45		20.0	1.0
100	16QAM	1	1		19.30		20.0	1.0
100	64QAM	1	1		17.66		18.5	2.5
100	256QAM	1	1		15.61		16.5	4.5
Channel				648668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.24	20.29	20.18	21.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.26	20.29	20.14	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.18	20.21	20.16	21.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.17	20.27	20.17	21.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.17	20.30	20.13	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.19	20.22	20.19	21.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.25	20.25	20.17	21.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.24	20.26	20.18	21.0	0.0

Part270 n78 PC2 Ant8 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		21.05			
100	PI/2 BPSK	1	137		20.98		22.0	0.0
100	PI/2 BPSK	1	271		20.96			
100	PI/2 BPSK	135	0		20.61		22.0	0.0
100	PI/2 BPSK	135	69		21.07		22.0	0.0
100	PI/2 BPSK	135	138		20.68			
100	PI/2 BPSK	270	0		20.78		22.0	0.0
100	QPSK	1	1		21.13			
100	QPSK	1	137		21.03		22.0	0.0
100	QPSK	1	271		21.10			
100	QPSK	135	0		20.08		21.5	0.5
100	QPSK	135	69		21.01		22.0	0.0
100	QPSK	135	138		20.08			
100	QPSK	270	0		20.19		21.5	0.5
100	16QAM	1	1		20.02		21.5	0.5
100	64QAM	1	1		18.40		20.0	2.0
100	256QAM	1	1		16.37		18.0	4.0
Channel				648668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.91	21.08	20.95	22.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.95	21.04	20.94	22.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.90	21.03	20.99	22.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.94	21.04	20.99	22.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.89	21.00	20.95	22.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.97	20.99	20.91	22.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.98	21.05	20.99	22.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.92	21.04	20.96	22.0	0.0

Reduced Power Mode for DSI4

n5 Ant0 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.09	23.12	23.07		
20	QPSK	50	28	22.74	22.89	22.87	24.0	0.0
20	QPSK	100	0	21.84	21.91	21.85	23.0	1.0

n26 Ant0 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.82	22.99	22.91		
20	QPSK	50	28	22.77	22.89	22.88	24.0	0.0
20	QPSK	100	0	21.84	22.01	21.88	23.0	1.0



n7 Ant1 DSI4								
SW [MHz]	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	24.0	0.0
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.60	22.71	22.82		
40	QPSK	108	54	22.43	22.50	22.45	24.0	0.0
40	QPSK	216	0	21.54	21.57	21.55	23.0	1.0



n38 An1 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power			Power	Tune-up limit (dBm)	MPR (dB)
				Low	Middle	High			
				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.			
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	23.21	23.25	23.10	24.0	0.0	0.0
40	QPSK	50	28	22.92	23.08	22.97	24.0	0.0	0.0
40	QPSK	100	0	22.09	22.19	22.07	23.0	1.0	1.0

n41 Ant1 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				506202	516598	528000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2546.01	2552.99	2640			
100	QPSK	1	1	22.87	23.03	22.88	24.0	0.0	
100	QPSK	135	69	22.57	22.66	22.58	24.0	0.0	
100	QPSK	270	0	21.71	21.80	21.71	23.0	1.0	



n5 Ant4 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.63	22.72	22.63	24.0	0.0
20	QPSK	50	28	22.43	22.48	22.38	24.0	0.0
20	QPSK	100	0	21.46	21.57	21.51	22.0	1.0

n26 Ant4 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				165000	165300	167600		
Frequency (MHz)				834	831.5	839		
20	QPSK	1	1	22.62	22.73	22.70	24.0	0.0
20	QPSK	50	28	22.35	22.49	22.43	24.0	0.0
20	QPSK	100	0	21.53	21.69	21.61	23.0	1.0

Part270 n77 Ant3 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	24.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.38	22.54	22.49	24.0	0.0
100	PI/2 BPSK	1	137	22.35	22.43	22.41		
100	PI/2 BPSK	1	271	22.28	22.40	22.37		
100	PI/2 BPSK	135	0	21.97	22.10	21.83		
100	PI/2 BPSK	135	69	22.36	22.43	22.46	24.0	0.0
100	PI/2 BPSK	135	138	21.98	22.16	22.00	23.5	0.5
100	PI/2 BPSK	270	0	21.99	22.20	22.12		
100	QPSK	1	1	22.49	22.59	22.49	24.0	0.0
100	QPSK	1	137	22.41	22.52	22.46		
100	QPSK	1	271	22.35	22.47	22.31		
100	QPSK	135	0	21.51	21.56	21.43		
100	QPSK	135	69	22.36	22.54	22.47	24.0	0.0
100	QPSK	135	138	21.42	21.55	21.40	23.0	1.0
100	QPSK	270	0	21.60	21.64	21.48		
100	16QAM	1	1	21.81	21.81	21.37	23.0	1.0
100	64QAM	1	1	19.80	19.89	19.81	21.5	2.5
100	256QAM	1	1	17.75	17.90	17.74	19.5	4.5
Channel				649668	656000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	22.36	22.47	22.35	24.0	0.0
Channel				648334	656000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	22.42	22.47	22.36	24.0	0.0
Channel				648000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.35	22.49	22.40	24.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	22.42	22.47	22.41	24.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	22.35	22.45	22.36	24.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	22.44	22.48	22.38	24.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	22.37	22.50	22.42	24.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	22.35	22.45	22.38	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	27.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.39	25.52	25.45	27.0	0.0
100	PI/2 BPSK	1	137	25.36	25.45	25.39		
100	PI/2 BPSK	1	271	25.25	25.37	25.28		
100	PI/2 BPSK	135	0	25.00	25.08	24.88		
100	PI/2 BPSK	135	69	25.38	25.52	25.36	27.0	0.0
100	PI/2 BPSK	135	138	24.99	25.14	25.05	26.5	0.5
100	PI/2 BPSK	270	0	25.05	25.21	25.03		
100	QPSK	1	1	25.49	25.59	25.49	27.0	0.0
100	QPSK	1	137	25.39	25.51	25.45		
100	QPSK	1	271	25.37	25.53	25.39		
100	QPSK	135	0	24.51	24.52	24.40		
100	QPSK	135	69	25.38	25.56	25.46	27.0	0.0
100	QPSK	135	138	24.49	24.62	24.40	26.0	1.0
100	QPSK	270	0	24.57	24.67	24.47		
100	16QAM	1	1	24.44	24.48	24.39	26.0	1.0
100	64QAM	1	1	22.80	22.87	22.81	24.5	2.5
100	256QAM	1	1	20.84	20.85	20.80	22.5	4.5
Channel				649668	656000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	25.39	25.54	25.43	27.0	0.0
Channel				648334	656000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	25.41	25.53	25.36	27.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	25.41	25.51	25.39	27.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	25.38	25.53	25.43	27.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	25.34	25.51	25.42	27.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	25.41	25.45	25.34	27.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	25.37	25.45	25.39	27.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	25.44	25.48	25.39	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				650000				
Frequency (MHz)				3750				
100	PV2 BPSK	1	1	22.46			24.0	0.0
100	PV2 BPSK	1	137	22.37				
100	PV2 BPSK	1	271	22.33				
100	PV2 BPSK	135	0	21.93			23.5	0.5
100	PV2 BPSK	135	69	22.40			24.0	0.0
100	PV2 BPSK	135	138	22.01			23.5	0.5
100	PV2 BPSK	270	0	22.07				
100	QPSK	1	1	22.51			24.0	0.0
100	QPSK	1	137	22.40				
100	QPSK	1	271	22.40				
100	QPSK	135	0	21.50			23.0	1.0
100	QPSK	135	69	22.37			24.0	0.0
100	QPSK	135	138	21.43			23.0	1.0
100	QPSK	270	0	21.51				
100	16QAM	1	1	21.34			23.0	1.0
100	64QAM	1	1	19.77			21.5	2.5
100	256QAM	1	1	17.77			19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3745.02	3750	3755.01	24.0	0.0
90	QPSK	1	1	22.34	22.41	22.24	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3740.01	3750	3760.02	24.0	0.0
80	QPSK	1	1	22.26	22.45	22.20	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3735	3750	3765	24.0	0.0
70	QPSK	1	1	22.27	22.41	22.20	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3730.02	3750	3770.01	24.0	0.0
60	QPSK	1	1	22.24	22.41	22.27	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3725.01	3750	3775.02	24.0	0.0
50	QPSK	1	1	22.26	22.44	22.23	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3720	3750	3780	24.0	0.0
40	QPSK	1	1	22.27	22.44	22.18	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3715.02	3750	3785.01	24.0	0.0
30	QPSK	1	1	22.28	22.46	22.24	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3710.01	3750	3790.02	24.0	0.0
20	QPSK	1	1	22.24	22.45	22.25	24.0	0.0

Part270 n78 PC2 Ant3 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				650000				
Frequency (MHz)				3750				
100	PV2 BPSK	1	1	25.38			27.0	0.0
100	PV2 BPSK	1	137	25.35				
100	PV2 BPSK	1	271	25.29				
100	PV2 BPSK	135	0	24.93			26.5	0.5
100	PV2 BPSK	135	69	25.34			27.0	0.0
100	PV2 BPSK	135	138	25.03			26.5	0.5
100	PV2 BPSK	270	0	25.12				
100	QPSK	1	1	25.54			27.0	0.0
100	QPSK	1	137	25.40				
100	QPSK	1	271	25.38				
100	QPSK	135	0	24.46			26.0	1.0
100	QPSK	135	69	25.38			27.0	0.0
100	QPSK	135	138	24.44			26.0	1.0
100	QPSK	270	0	24.54				
100	16QAM	1	1	24.38			26.0	1.0
100	64QAM	1	1	22.83			24.5	2.5
100	256QAM	1	1	20.72			22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3745.02	3750	3755.01	27.0	0.0
90	QPSK	1	1	25.26	25.48	25.33	27.0	0.0
Channel				648334	650000	650668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3740.01	3750	3760.02	27.0	0.0
80	QPSK	1	1	25.23	25.46	25.37	27.0	0.0
Channel				648000	650000	651000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3735	3750	3765	27.0	0.0
70	QPSK	1	1	25.23	25.48	25.31	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3730.02	3750	3770.01	27.0	0.0
60	QPSK	1	1	25.26	25.43	25.35	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3725.01	3750	3775.02	27.0	0.0
50	QPSK	1	1	25.27	25.49	25.33	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3720	3750	3780	27.0	0.0
40	QPSK	1	1	25.30	25.45	25.35	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3715.02	3750	3785.01	27.0	0.0
30	QPSK	1	1	25.22	25.42	25.27	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3710.01	3750	3790.02	27.0	0.0
20	QPSK	1	1	25.23	25.45	25.33	27.0	0.0

Part270 n77 Ant5 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.06	20.25	20.21	21.0	0.0
100	PI/2 BPSK	1	137	20.10	20.15	20.04		
100	PI/2 BPSK	1	271	19.95	20.07	20.00		
100	PI/2 BPSK	135	0	19.73	19.73	19.80	20.5	0.5
100	PI/2 BPSK	135	69	20.07	20.19	20.15	21.0	0.0
100	PI/2 BPSK	135	138	19.98	19.83	19.71	20.5	0.5
100	PI/2 BPSK	270	0	19.78	19.85	19.76		
100	QPSK	1	1	20.23	20.33	20.16	21.0	0.0
100	QPSK	1	137	20.05	20.23	20.09		
100	QPSK	1	271	20.10	20.17	20.06		
100	QPSK	135	0	19.19	19.23	19.12	20.0	1.0
100	QPSK	135	69	20.08	20.19	20.13	21.0	0.0
100	QPSK	135	138	19.13	19.28	19.15	20.0	1.0
100	QPSK	270	0	19.24	19.34	19.26		
100	16QAM	1	1	19.16	19.17	19.07	20.0	1.0
100	64QAM	1	1	17.46	17.59	17.49	18.5	2.5
100	256QAM	1	1	15.55	15.61	15.46	16.5	4.5
Channel				649668	656000	662334	21.0	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.13	20.19	20.05	21.0	0.0
Channel				648334	656000	662568	21.0	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.15	20.24	20.10	21.0	0.0
Channel				648000	656000	663000	21.0	0.0
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.17	20.27	20.01	21.0	0.0
Channel				648668	656000	663334	21.0	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.17	20.22	20.10	21.0	0.0
Channel				648334	656000	663668	21.0	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.08	20.25	20.03	21.0	0.0
Channel				648000	656000	664000	21.0	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.18	20.25	20.02	21.0	0.0
Channel				647668	656000	664334	21.0	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.12	20.21	20.08	21.0	0.0
Channel				647334	656000	664668	21.0	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.14	20.25	20.01	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	21.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.82	20.87	20.86	21.5	0.0
100	PI/2 BPSK	1	137	20.79	20.88	20.78		
100	PI/2 BPSK	1	271	20.70	20.80	20.77		
100	PI/2 BPSK	135	0	20.34	20.50	20.30	21.0	0.5
100	PI/2 BPSK	135	69	20.76	20.92	20.81	21.5	0.0
100	PI/2 BPSK	135	138	20.35	20.53	20.47	21.0	0.5
100	PI/2 BPSK	270	0	20.45	20.61	20.42		
100	QPSK	1	1	20.93	20.98	20.84	21.5	0.0
100	QPSK	1	137	20.75	20.93	20.84		
100	QPSK	1	271	20.75	20.88	20.78		
100	QPSK	135	0	19.95	19.99	19.80	20.5	1.0
100	QPSK	135	69	20.77	20.93	20.85	21.5	0.0
100	QPSK	135	138	19.85	19.98	19.88	20.5	1.0
100	QPSK	270	0	19.95	20.02	19.96		
100	16QAM	1	1	19.82	19.82	19.79	20.5	1.0
100	64QAM	1	1	18.23	18.31	18.20	19.0	2.5
100	256QAM	1	1	16.17	16.21	16.11	17.0	4.5
Channel				649668	656000	662334	21.5	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.83	20.85	20.70	21.5	0.0
Channel				648334	656000	662568	21.5	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.86	20.92	20.72	21.5	0.0
Channel				649000	656000	663000	21.5	0.0
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.83	20.91	20.71	21.5	0.0
Channel				648668	656000	663334	21.5	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.84	20.88	20.75	21.5	0.0
Channel				648334	656000	663668	21.5	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.85	20.85	20.74	21.5	0.0
Channel				648000	656000	664000	21.5	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.79	20.92	20.71	21.5	0.0
Channel				647668	656000	664334	21.5	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.81	20.86	20.79	21.5	0.0
Channel				647334	656000	664668	21.5	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.87	20.88	20.78	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000			21.0	0.0	
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		20.22				
100	PI/2 BPSK	1	137		20.18				
100	PI/2 BPSK	1	271		20.15				
100	PI/2 BPSK	135	0		19.82		20.5	0.5	
100	PI/2 BPSK	135	69		20.20		21.0	0.0	
100	PI/2 BPSK	135	138		19.83		20.5	0.5	
100	PI/2 BPSK	270	0		19.87				
100	QPSK	1	1		20.27				
100	QPSK	1	137		20.22		21.0	0.0	
100	QPSK	1	271		20.15				
100	QPSK	135	0		19.28		20.0	1.0	
100	QPSK	135	69		20.18		21.0	0.0	
100	QPSK	135	138		19.26		20.0	1.0	
100	QPSK	270	0		19.32				
100	16QAM	1	1		19.21		20.0	1.0	
100	64QAM	1	1		17.60		18.5	2.5	
100	256QAM	1	1		15.59		16.5	4.5	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		20.08	20.14	20.08	21.0	0.0
Channel				648334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		20.15	20.19	20.05	21.0	0.0
Channel				648000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		20.14	20.17	20.08	21.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		20.08	20.20	20.14	21.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		20.13	20.13	20.14	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		20.15	20.14	20.12	21.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		20.15	20.20	20.11	21.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		20.10	20.14	20.11	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	22.81	22.88	22.84	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.88	22.77		
100	PI/2 BPSK	1	271	22.66	22.76	22.76		
100	PI/2 BPSK	135	0	22.34	22.46	22.33	23.5	0.5
100	PI/2 BPSK	135	69	22.81	22.88	22.77	24.0	0.0
100	PI/2 BPSK	135	138	22.37	22.47	22.40	23.5	0.5
100	PI/2 BPSK	270	0	22.42	22.56	22.51	23.5	0.5
100	QPSK	1	1	22.88	22.97	22.88	24.0	0.0
100	QPSK	1	137	22.76	22.92	22.86		
100	QPSK	1	271	22.77	22.92	22.80		
100	QPSK	135	0	21.90	22.00	21.88	23.0	1.0
100	QPSK	135	69	22.83	22.88	22.85	24.0	0.0
100	QPSK	135	138	21.86	22.02	21.87	23.0	1.0
100	QPSK	270	0	21.94	22.07	21.96		
100	16QAM	1	1	21.82	21.86	21.76	23.0	1.0
100	64QAM	1	1	20.20	20.30	20.20	21.5	2.5
100	256QAM	1	1	18.23	18.25	18.19	19.5	4.5
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	22.81	22.85	22.74	24.0	0.0
Channel				648334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	22.78	22.87	22.82	24.0	0.0
Channel				648000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.75	22.90	22.80	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	22.74	22.87	22.82	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	22.75	22.85	22.77	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.79	22.90	22.75	24.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	22.74	22.92	22.76	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	22.80	22.81	22.82	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.93	20.10	20.10	21.0	0.0
100	PI/2 BPSK	1	137	19.96	20.11	19.97		
100	PI/2 BPSK	1	271	19.90	20.00	19.96	20.5	0.5
100	PI/2 BPSK	135	0	19.62	19.66	19.50		
100	PI/2 BPSK	135	69	19.95	20.12	19.97	21.0	0.0
100	PI/2 BPSK	135	138	19.62	19.66	19.61		
100	PI/2 BPSK	270	0	19.59	19.77	19.72	20.5	0.5
100	QPSK	1	1	20.16	20.19	20.11		
100	QPSK	1	137	20.03	20.16	20.04	21.0	0.0
100	QPSK	1	271	19.95	20.09	19.96		
100	QPSK	135	0	19.11	19.19	18.99	20.0	1.0
100	QPSK	135	69	19.99	20.12	20.07		
100	QPSK	135	138	19.06	19.14	18.99	20.0	1.0
100	QPSK	270	0	19.12	19.26	19.15		
100	16QAM	1	1	18.98	19.02	18.96	20.0	1.0
100	64QAM	1	1	17.41	17.51	17.46		
100	256QAM	1	1	15.36	15.40	15.35	16.5	4.5
Channel				648668	650000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.10	20.10	19.98	21.0	0.0
Channel				649334	650000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.06	20.05	20.05	21.0	0.0
Channel				649000	650000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.08	20.11	20.00	21.0	0.0
Channel				648668	650000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.04	20.11	20.01	21.0	0.0
Channel				648334	650000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.09	20.06	19.99	21.0	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.02	20.14	19.98	21.0	0.0
Channel				647668	650000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.10	20.11	20.05	21.0	0.0
Channel				647334	650000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.03	20.11	19.99	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	22.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.90	21.04	20.96	22.0	0.0
100	PI/2 BPSK	1	137	20.92	21.03	20.91		
100	PI/2 BPSK	1	271	20.80	21.01	20.89	21.5	0.5
100	PI/2 BPSK	135	0	20.57	20.64	20.45		
100	PI/2 BPSK	135	69	20.99	21.01	20.92	22.0	0.0
100	PI/2 BPSK	135	138	20.57	20.62	20.53		
100	PI/2 BPSK	270	0	20.59	20.69	20.62	21.5	0.5
100	QPSK	1	1	21.05	21.19	21.07		
100	QPSK	1	137	20.89	21.07	20.96	22.0	0.0
100	QPSK	1	271	20.92	21.04	20.90		
100	QPSK	135	0	20.08	20.13	20.01	21.0	1.0
100	QPSK	135	69	20.99	21.09	20.99		
100	QPSK	135	138	19.98	20.15	19.99	21.0	1.0
100	QPSK	270	0	20.11	20.14	20.10		
100	16QAM	1	1	20.00	20.05	19.89	21.0	1.0
100	64QAM	1	1	18.29	18.40	18.34		
100	256QAM	1	1	16.36	16.45	16.33	17.5	4.5
Channel				648668	650000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.99	21.12	21.01	22.0	0.0
Channel				649334	650000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.91	21.05	21.02	22.0	0.0
Channel				649000	650000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.95	21.13	20.99	22.0	0.0
Channel				648668	650000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.95	21.09	21.01	22.0	0.0
Channel				648334	650000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.91	21.06	20.92	22.0	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.98	21.05	20.96	22.0	0.0
Channel				647668	650000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.95	21.05	21.02	22.0	0.0
Channel				647334	650000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.94	21.04	20.93	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PV2 BPSK	1	1		20.31			
100	PV2 BPSK	1	137		20.27		21.0	0.0
100	PV2 BPSK	1	271		20.25			
100	PV2 BPSK	135	0		19.92		20.5	0.5
100	PV2 BPSK	135	69		20.31		21.0	0.0
100	PV2 BPSK	135	138		19.95			
100	PV2 BPSK	270	0		19.98		20.5	0.5
100	QPSK	1	1		20.38			
100	QPSK	1	137		20.34		21.0	0.0
100	QPSK	1	271		20.30			
100	QPSK	135	0		19.37		20.0	1.0
100	QPSK	135	69		20.35		21.0	0.0
100	QPSK	135	138		19.35			
100	QPSK	270	0		19.37		20.0	1.0
100	16QAM	1	1		19.29		20.0	1.0
100	64QAM	1	1		17.71		18.5	2.5
100	256QAM	1	1		15.67		16.5	4.5
Channel				648668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.21	20.31	20.16	21.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.21	20.31	20.18	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.23	20.30	20.12	21.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.26	20.30	20.16	21.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.17	20.24	20.14	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.21	20.31	20.11	21.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.17	20.29	20.12	21.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.16	20.27	20.17	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PV2 BPSK	1	1		23.12			
100	PV2 BPSK	1	137		23.00		24.0	0.0
100	PV2 BPSK	1	271		22.98			
100	PV2 BPSK	135	0		22.60		23.5	0.5
100	PV2 BPSK	135	69		22.99		24.0	0.0
100	PV2 BPSK	135	138		22.68			
100	PV2 BPSK	270	0		22.74		23.5	0.5
100	QPSK	1	1		23.16			
100	QPSK	1	137		23.11		24.0	0.0
100	QPSK	1	271		23.02			
100	QPSK	135	0		22.09		23.0	1.0
100	QPSK	135	69		23.04		24.0	0.0
100	QPSK	135	138		22.10			
100	QPSK	270	0		22.18		23.0	1.0
100	16QAM	1	1		22.05		23.0	1.0
100	64QAM	1	1		20.42		21.5	2.5
100	256QAM	1	1		18.38		19.5	4.5
Channel				648668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	22.99	23.09	22.99	24.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	22.95	23.02	23.01	24.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.96	23.10	22.95	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	22.98	23.05	22.98	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	22.95	23.01	22.95	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.99	23.01	23.00	24.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	22.94	23.02	23.00	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	22.92	23.09	22.92	24.0	0.0

Part270 n77 Ant8 DS14

BW [MHz]	Modulation	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	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.02	20.09	20.04	21.0	0.0
100	PI/2 BPSK	1	137	20.01	20.06	19.97		
100	PI/2 BPSK	1	271	19.85	19.99	19.95		
100	PI/2 BPSK	135	0	19.57	19.72	19.54		
100	PI/2 BPSK	135	69	19.95	20.10	20.01	21.0	0.0
100	PI/2 BPSK	135	138	19.59	19.65	19.59		
100	PI/2 BPSK	270	0	19.65	19.80	19.69	20.5	0.5
100	QPSK	1	1	20.08	20.18	20.03		
100	QPSK	1	137	19.96	20.15	20.06	21.0	0.0
100	QPSK	1	271	20.01	20.11	20.00		
100	QPSK	135	0	19.13	19.19	19.08	20.0	1.0
100	QPSK	135	69	20.02	20.05	20.05		
100	QPSK	135	138	19.03	19.14	19.05	20.0	1.0
100	QPSK	270	0	19.11	19.26	19.14		
100	16QAM	1	1	19.02	19.10	18.95	20.0	1.0
100	64QAM	1	1	17.44	17.43	17.42		
100	256QAM	1	1	15.40	15.42	15.31	16.5	4.5
Channel				648668	656000	663334		
Frequency (MHz)				3745.02	3840	3935.01	21.0	0.0
90	QPSK	1	1	19.93	20.11	19.99		
Channel				649334	656000	662668	21.0	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.99	20.12	19.98	21.0	0.0
Channel				649000	656000	663000		
Frequency (MHz)				3735	3840	3945	21.0	0.0
70	QPSK	1	1	20.00	20.04	20.02		
Channel				648668	656000	663334	21.0	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.97	20.09	20.00	21.0	0.0
Channel				648334	656000	663968		
Frequency (MHz)				3725.01	3840	3955.02	21.0	0.0
50	QPSK	1	1	19.98	20.04	19.97		
Channel				648000	656000	664000	21.0	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.98	20.10	19.96	21.0	0.0
Channel				647668	656000	664334		
Frequency (MHz)				3715.02	3840	3965.01	21.0	0.0
30	QPSK	1	1	20.01	20.05	19.96		
Channel				647334	656000	664668	21.0	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.02	20.05	20.01	21.0	0.0

Part270 n77 PC2 Ant8 DS14

BW [MHz]	Modulation	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	21.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.61	20.74	20.69	21.5	0.0
100	PI/2 BPSK	1	137	20.61	20.69	20.58		
100	PI/2 BPSK	1	271	20.49	20.61	20.49		
100	PI/2 BPSK	135	0	20.14	20.30	20.09		
100	PI/2 BPSK	135	69	20.58	20.71	20.57	21.5	0.0
100	PI/2 BPSK	135	138	20.19	20.30	20.24		
100	PI/2 BPSK	270	0	20.25	20.39	20.32	21.0	0.5
100	QPSK	1	1	20.74	20.83	20.70		
100	QPSK	1	137	20.57	20.77	20.67	21.5	0.0
100	QPSK	1	271	20.58	20.68	20.52		
100	QPSK	135	0	19.73	19.72	19.65	20.5	1.0
100	QPSK	135	69	20.62	20.71	20.67		
100	QPSK	135	138	19.65	19.78	19.63	20.5	1.0
100	QPSK	270	0	19.77	19.86	19.75		
100	16QAM	1	1	19.57	19.64	19.59	20.5	1.0
100	64QAM	1	1	17.96	18.12	18.02		
100	256QAM	1	1	15.98	16.04	15.90	17.0	4.5
Channel				648668	656000	663334		
Frequency (MHz)				3745.02	3840	3935.01	21.5	0.0
90	QPSK	1	1	20.61	20.77	20.60		
Channel				649334	656000	662668	21.5	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.68	20.74	20.61	21.5	0.0
Channel				649000	656000	663000		
Frequency (MHz)				3735	3840	3945	21.5	0.0
70	QPSK	1	1	20.60	20.70	20.61		
Channel				648668	656000	663334	21.5	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.62	20.71	20.62	21.5	0.0
Channel				648334	656000	663968		
Frequency (MHz)				3725.01	3840	3955.02	21.5	0.0
50	QPSK	1	1	20.59	20.78	20.56		
Channel				648000	656000	664000	21.5	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.61	20.76	20.62	21.5	0.0
Channel				647668	656000	664334		
Frequency (MHz)				3715.02	3840	3965.01	21.5	0.0
30	QPSK	1	1	20.64	20.73	20.59		
Channel				647334	656000	664668	21.5	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.59	20.76	20.55	21.5	0.0

Part270 n78 Ant8 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PV2 BPSK	1	1		20.28			
100	PV2 BPSK	1	137		20.31		21.0	0.0
100	PV2 BPSK	1	271		20.19			
100	PV2 BPSK	135	0		19.87		20.5	0.5
100	PV2 BPSK	135	69		20.24		21.0	0.0
100	PV2 BPSK	135	138		19.89			
100	PV2 BPSK	270	0		20.02		20.5	0.5
100	QPSK	1	1		20.38			
100	QPSK	1	137		20.35		21.0	0.0
100	QPSK	1	271		20.34			
100	QPSK	135	0		19.38		20.0	1.0
100	QPSK	135	69		20.29		21.0	0.0
100	QPSK	135	138		19.41			
100	QPSK	270	0		19.45		20.0	1.0
100	16QAM	1	1		19.30		20.0	1.0
100	64QAM	1	1		17.66		18.5	2.5
100	256QAM	1	1		15.61		16.5	4.5
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.24	20.29	20.18	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.26	20.29	20.14	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.18	20.21	20.16	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.17	20.27	20.17	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.17	20.30	20.13	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.19	20.22	20.19	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.25	20.25	20.17	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.24	20.26	20.18	21.0	0.0

Part270 n78 PC2 Ant8 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PV2 BPSK	1	1		21.05			
100	PV2 BPSK	1	137		20.98		22.5	0.0
100	PV2 BPSK	1	271		20.96			
100	PV2 BPSK	135	0		20.61		22.0	0.5
100	PV2 BPSK	135	69		21.07		22.5	0.0
100	PV2 BPSK	135	138		20.68			
100	PV2 BPSK	270	0		20.78		22.0	0.5
100	QPSK	1	1		21.13			
100	QPSK	1	137		21.03		22.5	0.0
100	QPSK	1	271		21.10			
100	QPSK	135	0		20.08		21.5	1.0
100	QPSK	135	69		21.01		22.5	0.0
100	QPSK	135	138		20.08			
100	QPSK	270	0		20.19		21.5	1.0
100	16QAM	1	1		20.02		21.5	1.0
100	64QAM	1	1		18.40		20.0	2.5
100	256QAM	1	1		16.37		18.0	4.5
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.91	21.08	20.95	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.95	21.04	20.94	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.90	21.03	20.99	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.94	21.04	20.99	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.89	21.00	20.95	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.97	20.99	20.91	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.98	21.05	20.99	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.92	21.04	20.96	22.5	0.0

Reduced Power Mode for DSI6

n5 Ant0 DSI6								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				165800	167300	167800	24.0	0.0
Frequency (MHz)				834	838.5	839		
20	QPSK	1	1	23.09	23.12	23.07	24.0	0.0
20	QPSK	50	28	22.74	22.89	22.87	24.0	0.0
20	QPSK	100	0	21.84	21.91	21.85	23.0	1.0

n26 Ant0 DSI6								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.92	22.99	22.91	24.0	0.0
20	QPSK	50	28	22.77	22.89	22.88	24.0	0.0
20	QPSK	100	0	21.84	22.01	21.88	23.0	1.0



n7 Ant1 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				50000	50700	51000		
Frequency (MHz)				2590	2635	2650		
40	QPSK	1	1	21.59	21.71	21.50	22.6	0.0
40	QPSK	108	54	21.56	21.59	21.54	22.6	0.0
40	QPSK	216	0	21.32	21.35	21.31	22.6	0.0



n38 Ant1 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	23.2	0.0
Frequency (MHz)				7950.02	7959	7969.98		
40	QPSK	1	1	21.97	22.02	21.95	23.2	0.0
40	QPSK	50	28	21.75	21.92	21.77	23.2	0.0
40	QPSK	100	0	21.79	21.85	21.81	23.0	0.2

n41 Ant1 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	516598	526000	23.2	0.0
Frequency (MHz)				2546.01	2552.99	2540		
100	QPSK	1	1	21.95	21.98	21.95	23.2	0.0
100	QPSK	135	69	21.83	21.93	21.83	23.2	0.0
100	QPSK	270	0	21.76	21.78	21.76	23.0	0.2



n5 Ant4 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166900	167300	167600		
Frequency (MHz)				834	838.5	839		
20	QPSK	1	1	22.63	22.72	22.63	24.0	0.0
20	QPSK	50	28	22.43	22.48	22.38	24.0	0.0
20	QPSK	100	0	21.46	21.57	21.51	22.0	1.0

n26 Ant4 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	165300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.62	22.73	22.70	24.0	0.0
20	QPSK	50	28	22.35	22.49	22.43	24.0	0.0
20	QPSK	100	0	21.53	21.69	21.61	23.0	1.0

Part270 n77 PC2 Ant3 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	21.7	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.56	20.68	20.54	21.7	0.0
100	PI/2 BPSK	1	137	20.49	20.62	20.56		
100	PI/2 BPSK	1	271	20.43	20.54	20.44		
100	PI/2 BPSK	135	0	20.33	20.48	20.42		
100	PI/2 BPSK	135	69	20.53	20.64	20.58	21.7	0.0
100	PI/2 BPSK	135	138	20.48	20.54	20.46		
100	PI/2 BPSK	270	0	20.20	20.30	20.23		
100	QPSK	1	1	20.71	20.73	20.66		
100	QPSK	1	137	20.53	20.72	20.59	21.7	0.0
100	QPSK	1	271	20.50	20.61	20.51		
100	QPSK	135	0	20.44	20.59	20.47		
100	QPSK	135	69	20.58	20.64	20.54		
100	QPSK	135	138	20.46	20.53	20.53	21.7	0.0
100	QPSK	270	0	20.40	20.50	20.43		
100	16QAM	1	1	20.41	20.52	20.30		
100	64QAM	1	1	20.45	20.49	20.46		
100	256QAM	1	1	20.43	20.38	20.37	21.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.67	20.55	20.53	21.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.66	20.58	20.57	21.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.61	20.62	20.50	21.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.67	20.61	20.51	21.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.63	20.59	20.57	21.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.64	20.68	20.61	21.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.67	20.60	20.60	21.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.59	20.68	20.53	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				650000			21.7	0.0
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	20.69				
100	PI/2 BPSK	1	137	20.67				
100	PI/2 BPSK	1	271	20.49				
100	PI/2 BPSK	135	0	20.52			21.7	0.0
100	PI/2 BPSK	135	69	20.60			21.7	0.0
100	PI/2 BPSK	135	138	20.49			21.7	0.0
100	PI/2 BPSK	270	0	20.34			21.7	0.0
100	QPSK	1	1	20.72			21.7	0.0
100	QPSK	1	137	20.68				
100	QPSK	1	271	20.63				
100	QPSK	135	0	20.61				
100	QPSK	135	69	20.65				
100	QPSK	135	138	20.51			21.7	0.0
100	QPSK	270	0	20.47			21.7	0.0
100	16QAM	1	1	20.47			21.7	0.0
100	64QAM	1	1	20.47			21.7	0.0
100	256QAM	1	1	20.41			21.7	0.0
Channel				649668	650000	650334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3745.02	3750	3755.01	(dbm)	(db)
90	QPSK	1	1	20.68	20.64	20.48	21.7	0.0
Channel				649334	650000	650668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3740.01	3750	3760.02	(dbm)	(db)
80	QPSK	1	1	20.69	20.55	20.57	21.7	0.0
Channel				649000	650000	651000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3735	3750	3765	(dbm)	(db)
70	QPSK	1	1	20.64	20.59	20.53	21.7	0.0
Channel				648668	650000	651334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3730.02	3750	3770.01	(dbm)	(db)
60	QPSK	1	1	20.72	20.55	20.55	21.7	0.0
Channel				648334	650000	651668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3725.01	3750	3775.02	(dbm)	(db)
50	QPSK	1	1	20.64	20.53	20.48	21.7	0.0
Channel				648000	650000	652000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3720	3750	3780	(dbm)	(db)
40	QPSK	1	1	20.67	20.61	20.57	21.7	0.0
Channel				647668	650000	652334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3715.02	3750	3785.01	(dbm)	(db)
30	QPSK	1	1	20.65	20.62	20.53	21.7	0.0
Channel				647334	650000	652668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3710.01	3750	3790.02	(dbm)	(db)
20	QPSK	1	1	20.70	20.56	20.55	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.06	20.25	20.21	21.0	0.0
100	PI/2 BPSK	1	137	20.10	20.15	20.04		
100	PI/2 BPSK	1	271	19.95	20.07	20.00		
100	PI/2 BPSK	135	0	19.73	19.73	19.80	20.5	0.5
100	PI/2 BPSK	135	69	20.07	20.19	20.15	21.0	0.0
100	PI/2 BPSK	135	138	19.98	19.83	19.71	20.5	0.5
100	PI/2 BPSK	270	0	19.78	19.85	19.76		
100	QPSK	1	1	20.23	20.33	20.16	21.0	0.0
100	QPSK	1	137	20.05	20.23	20.09		
100	QPSK	1	271	20.10	20.17	20.06		
100	QPSK	135	0	19.19	19.23	19.12	20.0	1.0
100	QPSK	135	69	20.06	20.19	20.13	21.0	0.0
100	QPSK	135	138	19.13	19.28	19.15	20.0	1.0
100	QPSK	270	0	19.24	19.34	19.26		
100	16QAM	1	1	19.16	19.17	19.07	20.0	1.0
100	64QAM	1	1	17.46	17.59	17.49	18.5	2.5
100	256QAM	1	1	15.55	15.61	15.46	16.5	4.5
Channel				649668	656000	662334	21.0	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.13	20.19	20.05	21.0	0.0
Channel				648334	656000	662368	21.0	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.15	20.24	20.10	21.0	0.0
Channel				649000	656000	663000	21.0	0.0
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.17	20.27	20.01	21.0	0.0
Channel				648266	656000	663334	21.0	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.17	20.22	20.10	21.0	0.0
Channel				648334	656000	663668	21.0	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.08	20.25	20.03	21.0	0.0
Channel				648000	656000	664000	21.0	0.0
Frequency (MHz)				3720	3840	3950		
40	QPSK	1	1	20.18	20.25	20.02	21.0	0.0
Channel				647668	656000	664334	21.0	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.12	20.21	20.08	21.0	0.0
Channel				647334	656000	664668	21.0	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.14	20.25	20.01	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	21.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.82	20.87	20.88	21.5	0.0
100	PI/2 BPSK	1	137	20.79	20.88	20.78		
100	PI/2 BPSK	1	271	20.70	20.80	20.77		
100	PI/2 BPSK	135	0	20.34	20.50	20.30	21.0	0.5
100	PI/2 BPSK	135	69	20.76	20.92	20.81	21.5	0.0
100	PI/2 BPSK	135	138	20.35	20.53	20.47	21.0	0.5
100	PI/2 BPSK	270	0	20.45	20.61	20.42		
100	QPSK	1	1	20.93	20.98	20.84	21.5	0.0
100	QPSK	1	137	20.75	20.93	20.84		
100	QPSK	1	271	20.76	20.88	20.78		
100	QPSK	135	0	19.95	19.99	19.80	20.5	1.0
100	QPSK	135	69	20.77	20.93	20.85	21.5	0.0
100	QPSK	135	138	19.85	19.98	19.86	20.5	1.0
100	QPSK	270	0	19.95	20.02	19.96		
100	16QAM	1	1	19.82	19.82	19.79	20.5	1.0
100	64QAM	1	1	18.23	18.31	18.20	19.0	2.5
100	256QAM	1	1	16.17	16.21	16.11	17.0	4.5
Channel				649668	656000	662334	21.5	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.83	20.85	20.70	21.5	0.0
Channel				648334	656000	662668	21.5	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.86	20.92	20.72	21.5	0.0
Channel				649000	656000	663000	21.5	0.0
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.83	20.91	20.71	21.5	0.0
Channel				648266	656000	663334	21.5	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.84	20.89	20.76	21.5	0.0
Channel				648334	656000	663668	21.5	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.85	20.85	20.74	21.5	0.0
Channel				648000	656000	664000	21.5	0.0
Frequency (MHz)				3720	3840	3950		
40	QPSK	1	1	20.79	20.92	20.71	21.5	0.0
Channel				647668	656000	664334	21.5	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.81	20.86	20.79	21.5	0.0
Channel				647334	656000	664668	21.5	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.87	20.88	20.78	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000			21.0	0.0	
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		20.22				
100	PI/2 BPSK	1	137		20.18				
100	PI/2 BPSK	1	271		20.15				
100	PI/2 BPSK	135	0		19.82		20.5	0.5	
100	PI/2 BPSK	135	69		20.20		21.0	0.0	
100	PI/2 BPSK	135	138		19.83		20.5	0.5	
100	PI/2 BPSK	270	0		19.87				
100	QPSK	1	1		20.27		21.0	0.0	
100	QPSK	1	137		20.22				
100	QPSK	1	271		20.15				
100	QPSK	135	0		19.28		20.0	1.0	
100	QPSK	135	69		20.16		21.0	0.0	
100	QPSK	135	138		19.26		20.0	1.0	
100	QPSK	270	0		19.32				
100	16QAM	1	1		19.21		20.0	1.0	
100	64QAM	1	1		17.60		18.5	2.5	
100	256QAM	1	1		15.59		16.5	4.5	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		20.08	20.14	20.08	21.0	0.0
Channel				648334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		20.15	20.19	20.05	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		20.14	20.17	20.08	21.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		20.08	20.20	20.14	21.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		20.13	20.13	20.14	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		20.15	20.14	20.12	21.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		20.15	20.20	20.11	21.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		20.10	20.14	20.11	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000			22.5	0.0
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		21.46		22.5	0.0
100	PI/2 BPSK	1	137		21.35			
100	PI/2 BPSK	1	271		21.39			
100	PI/2 BPSK	135	0		21.33		22.5	0.0
100	PI/2 BPSK	135	69		21.37		22.5	0.0
100	PI/2 BPSK	135	138		21.33		22.5	0.0
100	PI/2 BPSK	270	0		21.18			
100	QPSK	1	1		21.53		22.5	0.0
100	QPSK	1	137		21.46			
100	QPSK	1	271		21.41			
100	QPSK	135	0		21.36		22.5	0.0
100	QPSK	135	69		21.45		22.5	0.0
100	QPSK	135	138		21.36		22.5	0.0
100	QPSK	270	0		21.31			
100	16QAM	1	1		21.34		22.5	0.0
100	64QAM	1	1		20.30		21.5	1.0
100	256QAM	1	1		18.25		19.5	3.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.32	21.37	21.33	22.5	0.0
Channel				648334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.32	21.40	21.29	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.38	21.45	21.33	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.38	21.49	21.35	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.38	21.42	21.36	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.42	21.46	21.35	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3765.01		
30	QPSK	1	1	21.41	21.47	21.31	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3780.02		
20	QPSK	1	1	21.40	21.43	21.26	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.83	20.10	20.10	21.0	0.0
100	PI/2 BPSK	1	137	19.96	20.11	19.97		
100	PI/2 BPSK	1	271	19.90	20.00	19.96		
100	PI/2 BPSK	135	0	19.82	19.66	19.50	20.5	0.5
100	PI/2 BPSK	135	69	19.95	20.12	19.97	21.0	0.0
100	PI/2 BPSK	135	138	19.82	19.66	19.61	20.5	0.5
100	PI/2 BPSK	270	0	19.59	19.77	19.72		
100	QPSK	1	1	20.16	20.19	20.11	21.0	0.0
100	QPSK	1	137	20.03	20.18	20.04		
100	QPSK	1	271	19.95	20.09	19.96		
100	QPSK	135	0	19.11	19.19	18.99	20.0	1.0
100	QPSK	135	69	19.99	20.12	20.07	21.0	0.0
100	QPSK	135	138	19.06	18.14	18.99	20.0	1.0
100	QPSK	270	0	19.12	19.26	19.15		
100	16QAM	1	1	18.98	19.02	18.96	20.0	1.0
100	64QAM	1	1	17.41	17.51	17.46	18.5	2.5
100	256QAM	1	1	15.36	15.40	15.35	16.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.10	20.10	19.98	21.0	0.0
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.06	20.05	20.05	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.08	20.11	20.00	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.04	20.11	20.01	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.09	20.06	19.99	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.02	20.14	19.98	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.10	20.11	20.05	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.03	20.11	19.99	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.80	21.04	20.96	22.0	0.0
100	PI/2 BPSK	1	137	20.92	21.03	20.91		
100	PI/2 BPSK	1	271	20.80	21.01	20.89		
100	PI/2 BPSK	135	0	20.57	20.64	20.45	21.5	0.5
100	PI/2 BPSK	135	69	20.99	21.01	20.92	22.0	0.0
100	PI/2 BPSK	135	138	20.57	20.62	20.53	21.5	0.5
100	PI/2 BPSK	270	0	20.59	20.69	20.62		
100	QPSK	1	1	21.05	21.19	21.07	22.0	0.0
100	QPSK	1	137	20.89	21.07	20.98		
100	QPSK	1	271	20.92	21.04	20.90		
100	QPSK	135	0	20.08	20.13	20.01	21.0	1.0
100	QPSK	135	69	20.99	21.09	20.99	22.0	0.0
100	QPSK	135	138	19.98	20.15	19.99	21.0	1.0
100	QPSK	270	0	20.11	20.14	20.10		
100	16QAM	1	1	20.00	20.05	19.89	21.0	1.0
100	64QAM	1	1	18.29	18.40	18.34	19.5	2.5
100	256QAM	1	1	16.36	16.45	16.33	17.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.99	21.12	21.01	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.91	21.05	21.02	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.95	21.13	20.99	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.95	21.09	21.01	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.91	21.06	20.92	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.98	21.05	20.98	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.95	21.05	21.02	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.94	21.04	20.93	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		20.31		21.0	0.0
100	PI/2 BPSK	1	137		20.27			
100	PI/2 BPSK	1	271		20.25			
100	PI/2 BPSK	135	0		19.92		20.5	0.5
100	PI/2 BPSK	135	69		20.31		21.0	0.0
100	PI/2 BPSK	135	138		19.95		20.5	0.5
100	PI/2 BPSK	270	0		19.98			
100	QPSK	1	1		20.38		21.0	0.0
100	QPSK	1	137		20.34			
100	QPSK	1	271		20.30			
100	QPSK	135	0		19.37		20.0	1.0
100	QPSK	135	69		20.32		21.0	0.0
100	QPSK	135	138		19.35		20.0	1.0
100	QPSK	270	0		19.37			
100	16QAM	1	1		19.29		20.0	1.0
100	64QAM	1	1		17.71		18.5	2.5
100	256QAM	1	1		15.67		16.5	4.5
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.21	20.31	20.16	21.0	0.0
Channel				648334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.21	20.31	20.18	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3725	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.23	20.30	20.12	21.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.26	20.30	20.16	21.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.17	20.34	20.14	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.21	20.31	20.11	21.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.17	20.30	20.12	21.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.16	20.27	20.17	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		23.12		24.0	0.0
100	PI/2 BPSK	1	137		23.00			
100	PI/2 BPSK	1	271		22.98			
100	PI/2 BPSK	135	0		22.80		23.5	0.5
100	PI/2 BPSK	135	69		22.99		24.0	0.0
100	PI/2 BPSK	135	138		22.88		23.5	0.5
100	PI/2 BPSK	270	0		22.74			
100	QPSK	1	1		23.16		24.0	0.0
100	QPSK	1	137		23.11			
100	QPSK	1	271		23.02			
100	QPSK	135	0		22.09		23.0	1.0
100	QPSK	135	69		23.04		24.0	0.0
100	QPSK	135	138		22.10		23.0	1.0
100	QPSK	270	0		22.16			
100	16QAM	1	1		22.05		23.0	1.0
100	64QAM	1	1		20.42		21.5	2.5
100	256QAM	1	1		18.38		19.5	4.5
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	22.09	23.09	22.95	24.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	22.96	23.02	23.01	24.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3725	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.96	23.10	22.95	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	22.98	23.05	22.98	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	22.95	23.01	22.95	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.99	23.01	23.00	24.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	22.94	23.02	23.00	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	22.92	23.09	22.92	24.0	0.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.02	20.06	20.04		
100	PI/2 BPSK	1	137	20.01	20.06	19.97		
100	PI/2 BPSK	1	271	19.85	19.99	19.95	20.5	0.5
100	PI/2 BPSK	135	0	19.57	19.72	19.54		
100	PI/2 BPSK	135	69	19.95	20.10	20.01		
100	PI/2 BPSK	135	138	19.59	19.68	19.59		
100	PI/2 BPSK	270	0	19.65	19.80	19.69	21.0	0.0
100	QPSK	1	1	20.08	20.15	20.03		
100	QPSK	1	137	19.96	20.15	20.06		
100	QPSK	1	271	20.01	20.11	20.00		
100	QPSK	135	0	19.13	19.19	19.08	21.0	0.0
100	QPSK	135	69	20.02	20.09	20.05		
100	QPSK	135	138	19.03	19.14	19.05		
100	QPSK	270	0	19.11	19.25	19.14		
100	16QAM	1	1	19.02	19.10	18.95	18.5	2.5
100	64QAM	1	1	17.44	17.43	17.42		
100	256QAM	1	1	15.40	15.42	15.31		
100	256QAM	1	1	15.40	15.42	15.31		
Channel				649668	656000	662334	21.0	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.53	20.11	19.99		
Channel				648334	656000	662668	21.0	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.99	20.12	19.98		
Channel				649000	656000	663000	21.0	0.0
Frequency (MHz)				3725	3840	3945		
70	QPSK	1	1	20.00	20.04	20.02		
Channel				648668	656000	663334	21.0	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.97	20.09	20.00		
Channel				648334	656000	663668	21.0	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.98	20.04	19.97		
Channel				648000	656000	664000	21.0	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.98	20.10	19.96		
Channel				647668	656000	664334	21.0	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.01	20.05	19.96		
Channel				647334	656000	664668	21.0	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.02	20.05	20.01		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	21.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.61	20.74	20.66		
100	PI/2 BPSK	1	137	20.61	20.69	20.58		
100	PI/2 BPSK	1	271	20.49	20.61	20.49	21.0	0.5
100	PI/2 BPSK	135	0	20.14	20.30	20.09		
100	PI/2 BPSK	135	69	20.56	20.71	20.57		
100	PI/2 BPSK	135	138	20.18	20.30	20.24		
100	PI/2 BPSK	270	0	20.25	20.39	20.32	21.5	0.0
100	QPSK	1	1	20.74	20.83	20.70		
100	QPSK	1	137	20.57	20.77	20.67		
100	QPSK	1	271	20.58	20.68	20.52		
100	QPSK	135	0	19.73	19.72	19.65	20.5	1.0
100	QPSK	135	69	20.62	20.71	20.67		
100	QPSK	135	138	19.65	19.79	19.63		
100	QPSK	270	0	19.77	19.86	19.75		
100	16QAM	1	1	19.57	19.64	19.59	19.0	2.5
100	64QAM	1	1	17.96	18.12	18.02		
100	256QAM	1	1	15.98	16.04	15.90		
100	256QAM	1	1	15.98	16.04	15.90		
Channel				649668	656000	662334	21.5	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.61	20.77	20.60		
Channel				649334	656000	662668	21.5	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.68	20.74	20.61		
Channel				649000	656000	663000	21.5	0.0
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.60	20.70	20.61		
Channel				648668	656000	663334	21.5	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.62	20.71	20.62		
Channel				648334	656000	663668	21.5	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.59	20.78	20.56		
Channel				648000	656000	664000	21.5	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.61	20.76	20.62		
Channel				647668	656000	664334	21.5	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.64	20.73	20.59		
Channel				647334	656000	664668	21.5	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.59	20.76	20.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		20.26			
100	PI/2 BPSK	1	137		20.31			
100	PI/2 BPSK	1	271		20.19		21.0	0.0
100	PI/2 BPSK	135	0		19.87		20.5	0.5
100	PI/2 BPSK	135	69		20.24		21.0	0.0
100	PI/2 BPSK	135	138		19.89		20.5	0.5
100	PI/2 BPSK	270	0		20.02			
100	QPSK	1	1		20.36			
100	QPSK	1	137		20.35		21.0	0.0
100	QPSK	1	271		20.34			
100	QPSK	135	0		19.36		20.0	1.0
100	QPSK	135	69		20.29		21.0	0.0
100	QPSK	135	138		19.41		20.0	1.0
100	QPSK	270	0		19.45			
100	16QAM	1	1		19.30		20.0	1.0
100	64QAM	1	1		17.66		18.5	2.5
100	256QAM	1	1		15.61		16.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.24	20.29	20.18	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.26	20.29	20.14	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.18	20.21	20.16	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.17	20.27	20.17	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.17	20.30	20.15	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.19	20.22	20.19	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.25	20.35	20.17	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.24	20.26	20.18	21.0	0.0

Part270 n78 PC2 Ant8 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		21.05			
100	PI/2 BPSK	1	137		20.98		22.5	0.0
100	PI/2 BPSK	1	271		20.96			
100	PI/2 BPSK	135	0		20.81		22.0	0.5
100	PI/2 BPSK	135	69		21.07		22.5	0.0
100	PI/2 BPSK	135	138		20.88		22.0	0.5
100	PI/2 BPSK	270	0		20.78			
100	QPSK	1	1		21.13			
100	QPSK	1	137		21.03		22.5	0.0
100	QPSK	1	271		21.10			
100	QPSK	135	0		20.08		21.5	1.0
100	QPSK	135	69		21.01		22.5	0.0
100	QPSK	135	138		20.08		21.5	1.0
100	QPSK	270	0		20.19			
100	16QAM	1	1		20.02		21.5	1.0
100	64QAM	1	1		18.40		20.0	2.5
100	256QAM	1	1		16.37		18.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.01	21.08	20.95	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.95	21.04	20.94	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.90	21.03	20.99	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.94	21.04	20.99	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.89	21.00	20.95	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.97	20.99	20.91	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.99	21.05	20.99	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.92	21.04	20.96	22.5	0.0

Reduced Power Mode for DSI7

n5 Ant0 DSI7								
BW [MHz]	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	QPSK	1	1	23.09	23.12	23.07	24.0	0.0
20	QPSK	50	28	22.74	22.89	22.87	24.0	0.0
20	QPSK	100	0	21.84	21.91	21.85	23.0	1.0

n26 Ant0 DSI7								
BW [MHz]	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	QPSK	1	1	22.92	22.99	22.91	24.0	0.0
20	QPSK	50	28	22.77	22.89	22.86	24.0	0.0
20	QPSK	100	0	21.84	22.01	21.88	23.0	1.0



n7 Ant1 DSI7								
SW [MHz]	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	20.7	0.0
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.68	19.76	19.63		
40	QPSK	108	54	19.57	19.68	19.51	20.7	0.0
40	QPSK	216	0	19.41	19.59	19.24	20.7	0.0



n38 Ant1 DSI7								
BW [MHz]	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	21.5	0.0
Frequency (MHz)				7950.02	7959	7969.98		
40	QPSK	1	1	20.35	20.44	20.36	21.5	0.0
40	QPSK	50	28	20.32	20.40	20.27	21.5	0.0
40	QPSK	100	0	20.14	20.28	20.10	21.5	0.0

n41 Ant1 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	516598	528000	21.5	0.0
Frequency (MHz)				2546.01	2552.99	2540		
100	QPSK	1	1	20.45	20.48	20.39	21.5	0.0
100	QPSK	135	69	20.27	20.45	20.31	21.5	0.0
100	QPSK	270	0	20.09	20.28	20.05	21.5	0.0

n5 Ant4 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				16600	16750	16760	21.2	0.0
Frequency (MHz)				834	838.5	839		
20	QPSK	1	1	19.92	20.02	19.78	21.2	0.0
20	QPSK	50	28	19.78	19.90	19.74	21.2	0.0
20	QPSK	100	0	19.67	19.71	19.64	21.2	0.0

n26 Ant4 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				16600	16630	16760	21.2	0.0
Frequency (MHz)				834	831.5	839		
20	QPSK	1	1	20.02	20.12	19.88	21.2	0.0
20	QPSK	50	28	19.87	20.06	19.91	21.2	0.0
20	QPSK	100	0	19.73	19.82	19.71	21.2	0.0

Part270 n77 PC2 Ant3 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	660000	662000	16.4	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.51	15.62	15.54	16.4	0.0
100	PI/2 BPSK	1	137	15.52	15.53	15.42		
100	PI/2 BPSK	1	271	15.42	15.55	15.45		
100	PI/2 BPSK	135	0	15.28	15.49	15.35		
100	PI/2 BPSK	135	69	15.44	15.52	15.54	16.4	0.0
100	PI/2 BPSK	135	138	15.41	15.56	15.43		
100	PI/2 BPSK	270	0	15.13	15.22	15.20		
100	QPSK	1	1	15.57	15.68	15.55		
100	QPSK	1	137	15.52	15.59	15.58	16.4	0.0
100	QPSK	1	271	15.44	15.64	15.41		
100	QPSK	135	0	15.49	15.53	15.46		
100	QPSK	135	69	15.55	15.63	15.56		
100	QPSK	135	138	15.42	15.50	15.56	16.4	0.0
100	QPSK	270	0	14.61	15.54	14.61		
100	16QAM	1	1	14.52	14.64	14.55		
100	64QAM	1	1	14.56	14.63	14.58		
100	256QAM	1	1	14.57	14.57	14.54	16.4	0.0
Channel				648668	660000	662334		
Frequency (MHz)				3745.02	3840	3935.01	16.4	0.0
90	QPSK	1	1	15.52	15.55	15.49		
Channel				649334	660000	662668	16.4	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.51	15.55	15.51	16.4	0.0
Channel				649000	660000	663000		
Frequency (MHz)				3735	3840	3945	16.4	0.0
70	QPSK	1	1	15.43	15.60	15.40		
Channel				648668	660000	663334	16.4	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.48	15.66	15.45	16.4	0.0
Channel				648334	660000	663668		
Frequency (MHz)				3725.01	3840	3955.02	16.4	0.0
50	QPSK	1	1	15.49	15.63	15.43		
Channel				648000	660000	664000	16.4	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.46	15.61	15.43	16.4	0.0
Channel				647668	660000	664334		
Frequency (MHz)				3715.02	3840	3965.01	16.4	0.0
30	QPSK	1	1	15.51	15.55	15.49		
Channel				647334	660000	664668	16.4	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.50	15.59	15.40	16.4	0.0

Part270 n78 PC2 Ant3 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	660000	662000	16.4	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.56	15.58	15.58	16.4	0.0
100	PI/2 BPSK	1	137	15.58	15.58	15.58		
100	PI/2 BPSK	1	271	15.59	15.59	15.59		
100	PI/2 BPSK	135	0	15.52	15.52	15.52		
100	PI/2 BPSK	135	69	15.55	15.55	15.55	16.4	0.0
100	PI/2 BPSK	135	138	15.57	15.57	15.57		
100	PI/2 BPSK	270	0	15.21	15.21	15.21		
100	QPSK	1	1	15.71	15.71	15.71		
100	QPSK	1	137	15.55	15.55	15.55	16.4	0.0
100	QPSK	1	271	15.67	15.67	15.67		
100	QPSK	135	0	15.58	15.58	15.58		
100	QPSK	135	69	15.57	15.57	15.57		
100	QPSK	135	138	15.51	15.51	15.51	16.4	0.0
100	QPSK	270	0	15.52	15.52	15.52		
100	16QAM	1	1	14.68	14.68	14.68		
100	64QAM	1	1	14.60	14.60	14.60		
100	256QAM	1	1	14.61	14.61	14.61	16.4	0.0
Channel				648668	660000	662334		
Frequency (MHz)				3745.02	3750	3755.01	16.4	0.0
90	QPSK	1	1	15.47	15.51	15.45		
Channel				649334	660000	662668	16.4	0.0
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.41	15.41	15.43	16.4	0.0
Channel				649000	660000	663000		
Frequency (MHz)				3735	3750	3765	16.4	0.0
70	QPSK	1	1	15.37	15.49	15.45		
Channel				648668	660000	661334	16.4	0.0
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.48	15.49	15.41	16.4	0.0
Channel				648334	660000	661668		
Frequency (MHz)				3725.01	3750	3775.02	16.4	0.0
50	QPSK	1	1	15.44	15.50	15.37		
Channel				648000	660000	662000	16.4	0.0
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.37	15.44	15.40	16.4	0.0
Channel				647668	660000	662334		
Frequency (MHz)				3715.02	3750	3785.01	16.4	0.0
30	QPSK	1	1	15.47	15.47	15.45		
Channel				647334	660000	662668	16.4	0.0
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.38	15.49	15.37	16.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	3750	3750
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.12	19.18	19.21	20.3	0.0
100	PI/2 BPSK	1	137	19.12	19.14	19.05		
100	PI/2 BPSK	1	271	18.96	19.17	19.00		
100	PI/2 BPSK	135	0	18.85	19.06	18.90		
100	PI/2 BPSK	135	69	19.09	19.17	19.15	20.3	0.0
100	PI/2 BPSK	135	138	18.96	19.14	19.07	20.3	0.0
100	PI/2 BPSK	270	0	18.76	18.85	18.81		
100	QPSK	1	1	19.19	19.38	19.25	20.3	0.0
100	QPSK	1	137	19.08	19.24	19.10		
100	QPSK	1	271	19.13	19.18	19.07		
100	QPSK	135	0	19.10	19.11	19.06		
100	QPSK	135	69	19.10	19.21	19.16	20.3	0.0
100	QPSK	135	138	19.12	19.13	19.09	20.3	0.0
100	QPSK	270	0	19.02	19.13	19.11		
100	16QAM	1	1	19.09	19.10	19.05	20.3	0.0
100	64QAM	1	1	18.23	18.31	18.20	19.0	1.3
100	256QAM	1	1	16.17	16.21	16.11	17.0	3.5
Channel				649334	650000	662334	3745.02	3750
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.04	19.24	19.12	20.3	0.0
Channel				649334	650000	662668	3740.01	3750
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.14	19.26	19.19	20.3	0.0
Channel				649000	650000	663000	3735	3750
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.11	19.31	19.13	20.3	0.0
Channel				648668	650000	663334	3730.02	3750
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.07	19.31	19.16	20.3	0.0
Channel				647334	650000	663668	3725.01	3750
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.09	19.29	19.19	20.3	0.0
Channel				648000	650000	664000	3720	3750
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.09	19.21	19.19	20.3	0.0
Channel				647000	650000	664334	3715.02	3750
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.15	19.30	19.10	20.3	0.0
Channel				647334	650000	664668	3710.01	3750
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.07	19.24	19.14	20.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	3750	3750
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1		15.58		16.8	0.0
100	PI/2 BPSK	1	137		15.48			
100	PI/2 BPSK	1	271		15.43			
100	PI/2 BPSK	135	0		15.42			
100	PI/2 BPSK	135	69		15.54		16.8	0.0
100	PI/2 BPSK	135	138		15.49		16.8	0.0
100	PI/2 BPSK	270	0		15.26			
100	QPSK	1	1		15.62		16.8	0.0
100	QPSK	1	137		15.51			
100	QPSK	1	271		15.48			
100	QPSK	135	0		15.43			
100	QPSK	135	69		15.56		16.8	0.0
100	QPSK	135	138		15.49		16.8	0.0
100	QPSK	270	0		15.38			
100	16QAM	1	1		15.14		16.8	0.0
100	64QAM	1	1		15.01		16.8	0.0
100	256QAM	1	1		15.05		16.8	0.0
Channel				648668	650000	660334	3745.02	3750
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.42	15.52	15.45	16.8	0.0
Channel				649334	650000	660668	3740.01	3750
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.47	15.47	15.42	16.8	0.0
Channel				648000	650000	661000	3735	3750
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.42	15.53	15.42	16.8	0.0
Channel				648668	650000	661334	3730.02	3750
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.51	15.46	15.43	16.8	0.0
Channel				647334	650000	661668	3725.01	3750
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.49	15.48	15.40	16.8	0.0
Channel				648000	650000	662000	3720	3750
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.40	15.48	15.41	16.8	0.0
Channel				647000	650000	662334	3715.02	3750
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.47	15.49	15.42	16.8	0.0
Channel				647334	650000	662668	3710.01	3750
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.47	15.54	15.38	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	20.6	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.16	19.24	19.22	20.6	0.0
100	PI/2 BPSK	1	137	19.12	19.20	19.11		
100	PI/2 BPSK	1	271	19.03	19.13	19.11		
100	PI/2 BPSK	135	0	18.93	19.11	18.94	20.6	0.0
100	PI/2 BPSK	135	69	19.10	19.25	19.21	20.6	0.0
100	PI/2 BPSK	135	138	19.09	19.18	19.07	20.6	0.0
100	PI/2 BPSK	270	0	18.75	18.90	18.88	20.6	0.0
100	QPSK	1	1	19.24	19.35	19.26		
100	QPSK	1	137	19.10	19.25	19.20		
100	QPSK	1	271	19.15	19.20	19.09	20.6	0.0
100	QPSK	135	0	19.14	19.20	19.04		
100	QPSK	135	69	19.13	19.27	19.24		
100	QPSK	135	138	19.17	19.12	19.21	20.6	0.0
100	QPSK	270	0	19.10	19.16	19.12	20.6	0.0
100	16QAM	1	1	19.08	19.04	19.02	20.6	0.0
100	64QAM	1	1	18.29	18.40	18.34	19.5	1.1
100	256QAM	1	1	16.36	16.45	16.33	17.5	3.1
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.09	19.30	19.18	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	19.19	19.26	19.20	20.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.18	19.25	19.20	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	19.19	19.21	19.20	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	19.17	19.27	19.17	20.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.12	19.29	19.21	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	19.16	19.24	19.16	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	19.11	19.22	19.23	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000			19.7	0.0
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	18.79			19.7	0.0
100	PI/2 BPSK	1	137	18.73				
100	PI/2 BPSK	1	271	18.73				
100	PI/2 BPSK	135	0	18.66			19.7	0.0
100	PI/2 BPSK	135	69	18.76			19.7	0.0
100	PI/2 BPSK	135	138	18.74			19.7	0.0
100	PI/2 BPSK	270	0	18.53			19.7	0.0
100	QPSK	1	1	18.89				
100	QPSK	1	137	18.86				
100	QPSK	1	271	18.81			19.7	0.0
100	QPSK	135	0	18.81				
100	QPSK	135	69	18.77				
100	QPSK	135	138	18.66			19.7	0.0
100	QPSK	270	0	18.76			19.7	0.0
100	16QAM	1	1	17.90			19.7	0.0
100	64QAM	1	1	17.85			19.7	0.0
100	256QAM	1	1	17.80			19.5	0.2
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.82	18.82	18.63	19.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.73	18.82	18.60	19.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.77	18.80	18.67	19.7	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	18.75	18.60	19.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.82	18.84	18.70	19.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.82	18.76	18.63	19.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.70	18.79	18.61	19.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.76	18.74	18.62	19.7	0.0

Part270 n77 Ant8 DSI7

BW [MHz]	Modulation	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	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.02	20.09	20.04	21.0	0.0
100	PI/2 BPSK	1	137	20.01	20.06	19.97		
100	PI/2 BPSK	1	271	19.85	19.99	19.95		
100	PI/2 BPSK	135	0	19.57	19.72	19.54		
100	PI/2 BPSK	135	69	19.95	20.10	20.01	21.0	0.0
100	PI/2 BPSK	135	138	19.59	19.65	19.59		
100	PI/2 BPSK	270	0	19.65	19.80	19.69	20.5	0.5
100	QPSK	1	1	20.08	20.18	20.03		
100	QPSK	1	137	19.96	20.15	20.06	21.0	0.0
100	QPSK	1	271	20.01	20.11	20.00		
100	QPSK	135	0	19.13	19.19	19.08	20.0	1.0
100	QPSK	135	69	20.02	20.05	20.05		
100	QPSK	135	138	19.03	19.14	19.05	20.0	1.0
100	QPSK	270	0	19.11	19.26	19.14		
100	16QAM	1	1	19.02	19.10	18.95	20.0	1.0
100	64QAM	1	1	17.44	17.43	17.42		
100	256QAM	1	1	15.40	15.42	15.31	16.5	4.5
Channel				648668	656000	662334		
Frequency (MHz)				3745.02	3840	3935.01	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	19.93	20.11	19.99		
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.99	20.12	19.98	21.0	0.0
Channel				649000	656000	663000		
Frequency (MHz)				3735	3840	3945	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	20.00	20.04	20.02		
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.97	20.09	20.00	21.0	0.0
Channel				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	19.98	20.04	19.97		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.98	20.10	19.96	21.0	0.0
Channel				647668	656000	663334		
Frequency (MHz)				3715.02	3840	3965.01	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	20.01	20.05	19.96		
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.02	20.05	20.01	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	21.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.61	20.74	20.69	21.5	0.0
100	PI/2 BPSK	1	137	20.61	20.69	20.58		
100	PI/2 BPSK	1	271	20.49	20.61	20.49		
100	PI/2 BPSK	135	0	20.14	20.30	20.09		
100	PI/2 BPSK	135	69	20.58	20.71	20.57	21.5	0.0
100	PI/2 BPSK	135	138	20.18	20.30	20.24		
100	PI/2 BPSK	270	0	20.25	20.39	20.32	21.0	0.5
100	QPSK	1	1	20.74	20.83	20.70		
100	QPSK	1	137	20.57	20.77	20.67	21.5	0.0
100	QPSK	1	271	20.58	20.68	20.52		
100	QPSK	135	0	19.73	19.72	19.65	20.5	1.0
100	QPSK	135	69	20.62	20.71	20.67		
100	QPSK	135	138	19.65	19.78	19.63	20.5	1.0
100	QPSK	270	0	19.77	19.86	19.75		
100	16QAM	1	1	19.57	19.64	19.59	20.5	1.0
100	64QAM	1	1	17.96	18.12	18.02		
100	256QAM	1	1	15.58	16.04	15.50	17.0	4.5
Channel				648668	656000	662334		
Frequency (MHz)				3745.02	3840	3935.01	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	20.61	20.77	20.60		
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.68	20.74	20.61	21.5	0.0
Channel				649000	656000	663000		
Frequency (MHz)				3735	3840	3945	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	20.60	20.70	20.61		
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.62	20.71	20.62	21.5	0.0
Channel				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	20.59	20.78	20.56		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.61	20.76	20.62	21.5	0.0
Channel				647668	656000	663334		
Frequency (MHz)				3715.02	3840	3965.01	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	20.64	20.73	20.59		
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.59	20.76	20.55	21.5	0.0

Part270 n78 Ant8 DSI7

BW [MHz]	Modulation	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		20.28		21.0	0.0
100	PI/2 BPSK	1	137		20.31			
100	PI/2 BPSK	1	271		20.19		20.5	0.5
100	PI/2 BPSK	135	0		19.87			
100	PI/2 BPSK	135	69		20.24		21.0	0.0
100	PI/2 BPSK	135	138		19.89			
100	PI/2 BPSK	270	0		20.02		20.5	0.5
100	QPSK	1	1		20.38			
100	QPSK	1	137		20.35		21.0	0.0
100	QPSK	1	271		20.34			
100	QPSK	135	0		19.36		20.0	1.0
100	QPSK	135	69		20.29			
100	QPSK	135	138		19.41		20.0	1.0
100	QPSK	270	0		19.45			
100	16QAM	1	1		19.30		20.0	1.0
100	64QAM	1	1		17.66			
100	256QAM	1	1		15.61		18.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.24	20.29	20.18	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.26	20.29	20.14	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.18	20.21	20.16	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.17	20.27	20.17	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.17	20.30	20.13	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.19	20.22	20.19	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.26	20.25	20.17	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.24	20.26	20.18	21.0	0.0

Part270 n78 PC2 Ant8 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPRR (dB)
Channel				650000			Tune-up limit (dBm)	MPRR (dB)
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		20.87		22.3	0.0
100	PI/2 BPSK	1	137		20.80			
100	PI/2 BPSK	1	271		20.81		22.0	0.3
100	PI/2 BPSK	135	0		20.78			
100	PI/2 BPSK	135	69		20.89		22.3	0.0
100	PI/2 BPSK	135	138		20.88			
100	PI/2 BPSK	270	0		20.93		22.0	0.3
100	QPSK	1	1		21.08			
100	QPSK	1	137		20.85		22.3	0.0
100	QPSK	1	271		20.92			
100	QPSK	135	0		20.81		21.5	0.8
100	QPSK	135	69		20.88			
100	QPSK	135	138		20.81		21.5	0.8
100	QPSK	270	0		20.69			
100	16QAM	1	1		20.82		21.5	0.8
100	64QAM	1	1		19.20			
100	256QAM	1	1		17.17		18.0	4.3
Channel				649668	650000	650334	Tune-up limit (dBm)	MPRR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.73	20.86	20.74	22.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPRR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.73	20.94	20.78	22.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPRR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.66	20.85	20.80	22.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPRR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.73	20.89	20.81	22.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPRR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.75	20.86	20.70	22.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPRR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.75	20.84	20.74	22.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPRR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.71	20.94	20.74	22.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPRR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.67	20.86	20.74	22.3	0.0



WLAN/Bluetooth Power

2.4GHz WLAN				Ant 6 Full power&Body worn Standalone Extremity Standalone		Ant 6 Head Standalone		Ant 6 Hotspot 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	
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.62	20.00	18.23	19.50	16.68	18.00	98.65
		6	2437	18.36	20.00	18.19	19.50	16.43	18.00	
		11	2462	18.67	20.00	18.10	19.50	16.71	18.00	
	802.11g 6Mbps	1	2412	18.16	19.50	18.22	19.50		18.00	98.28
		6	2437	18.87	20.00	18.33	19.50		18.00	
		11	2462	18.96	20.00	18.36	19.50		18.00	
	802.11n-HT20 MCS0	1	2412	16.56	18.00		18.00		18.00	98.15
		6	2437	18.31	20.00		19.50		18.00	
		11	2462	18.67	20.00		19.50		18.00	
	802.11n-HT40 MCS0	3	2422	14.80	16.50		16.50		16.50	94.93
		6	2437	17.13	19.00		19.00		18.00	
		9	2452	15.85	17.50		17.50		17.50	

5.2GHz WLAN				Ant 5 Full power&Extremity Standalone		Ant 5 Head Standalone		Ant 5 Body worn Standalone		Ant 5 Extremity Standalone		Ant 5 Hotspot 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	Duty Cycle %	
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.20	20.00		17.00		16.00		18.50		10.00	98.28	
		40	5200	18.68	20.50		17.00		16.00		18.50		10.00		
		44	5220	18.72	20.50		17.00		16.00		18.50		10.00		
	802.11n-HT20 MCS0	48	5240	18.52	20.50		17.00		16.00		18.50		10.00	98.16	
		36	5180	16.03	19.50		17.00		16.00		18.50		10.00		
		40	5200	18.52	20.00		17.00		16.00		18.50		10.00		
	802.11n-HT40 MCS0	44	5220	18.53	20.00		17.00		16.00		18.50		10.00	96.32	
		48	5240	18.37	20.00		17.00		16.00		18.50		10.00		
		38	5190	14.33	15.50	14.25	16.50	14.26	15.50	14.26	15.50		10.00		
	802.11ac-VHT20 MCS0	46	5230	17.38	19.00	15.51	17.00	14.45	16.00	16.90	15.50		10.00	98.16	
		36	5180	18.05	19.50		17.00		16.00			18.50			10.00
		40	5200	18.52	20.00		17.00		16.00			18.50			10.00
	802.11ac-VHT40 MCS0	44	5220	18.52	20.00		17.00		16.00			18.50		10.00	96.32
		48	5240	18.39	20.00		17.00		16.00			18.50		10.00	
		38	5190	14.36	15.50		15.50		15.50			15.50		10.00	
	802.11ac-VHT80 MCS0	46	5230	17.52	19.00		17.00		16.00			18.50		10.00	92.24
		42	5210	13.43	15.00		15.00		15.00			15.00	8.53	10.00	

5.3GHz WLAN				Ant 5 Full power&Extremity Standalone		Ant 5 Head Standalone		Ant 5 Body worn Standalone		Duty Cycle %
	Mode	Channel	Frequency (MHz)	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	18.67	20.50		17.00		16.00	98.28
		56	5280	18.73	20.50		17.00		16.00	
		60	5300	18.81	20.50		17.00		16.00	
	802.11n-HT20 MCS0	64	5320	18.76	20.50		17.00		16.00	98.16
		52	5260	18.44	20.00		17.00		16.00	
		56	5280	18.54	20.00		17.00		16.00	
	802.11n-HT40 MCS0	60	5300	18.73	20.00		17.00		16.00	96.32
		64	5320	18.60	20.00		17.00		16.00	
		54	5270	17.39	19.00	15.47	17.00	14.53	16.00	
	802.11ac-VHT20 MCS0	62	5310	16.31	18.00	15.43	17.00	14.45	16.00	98.16
		52	5260	18.54	20.00		17.00		16.00	
		56	5280	18.53	20.00		17.00		16.00	
	802.11ac-VHT40 MCS0	60	5300	18.71	20.00		17.00		16.00	96.32
		64	5320	18.70	20.00		17.00		16.00	
		54	5270	17.46	19.00		17.00		16.00	
	802.11ac-VHT80 MCS0	62	5310	16.47	18.00		17.00		16.00	92.24
		58	5290	13.38	15.00		15.00		15.00	

5.5GHz WLAN				Ant 5 Full power		Ant 5 Head&Extremity Standalone		Ant 5 Body worn Standalone		Duty Cycle %
	Mode	Channel	Frequency (MHz)	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	18.79	20.90		19.50		18.50	98.28
		116	5580	18.73	20.50		19.50		18.50	
		124	5620	18.56	20.50		19.50		18.50	
		132	5660	18.59	20.50		19.50		18.50	
		140	5700	18.15	20.00		19.50		18.50	
		144	5720	18.52	20.50		19.50		18.50	
	802.11n-HT20 MCS0	100	5500	18.72	20.00		19.50		18.50	98.16
		116	5580	18.53	20.00		19.50		18.50	
		124	5620	18.36	20.00		19.50		18.50	
		132	5660	18.32	20.00		19.50		18.50	
		140	5700	16.00	19.50		19.50		18.50	
		144	5720	18.32	20.00		19.50		18.50	
	802.11n-HT40 MCS0	102	5510	17.68	19.50	17.65	19.50	16.71	18.50	96.32
		110	5550	17.62	19.50	17.60	19.50	16.62	18.50	
		126	5630	17.36	19.00	17.37	19.00	16.52	18.50	
		134	5670	17.36	19.00	17.43	19.00	16.50	18.50	
		142	5710	17.66	19.50	17.59	19.50	16.65	18.50	
		100	5500	18.76	20.00		19.50		18.50	98.16
	802.11ac-VHT20 MCS0	116	5580	18.58	20.00		19.50		18.50	
		124	5620	18.51	20.00		19.50		18.50	
		132	5660	18.38	20.00		19.50		18.50	
		140	5700	17.95	19.50		19.50		18.50	
		144	5720	18.40	20.00		19.50		18.50	
	802.11ac-VHT40 MCS0	102	5510	17.64	19.50		19.50		18.50	96.32
		110	5550	17.82	19.50		19.50		18.50	
		126	5630	17.51	19.50		19.50		18.50	
		134	5670	17.55	19.50		19.50		18.50	
		142	5710	17.69	19.50		19.50		18.50	
		106	5530	16.51	18.00		18.00		18.00	92.24
	802.11ac-VHT80 MCS0	122	5610	16.43	18.00		18.00		18.00	
		138	5690	16.49	18.00		18.00		18.00	

5.8GHz WLAN				Ant 5 Full power		Ant 5 Head&Body worn Standalone		Ant 5 Extremity Standalone		Ant 5 Hotspot 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	
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.51	20.00		18.50		18.00		12.00	98.28
		157	5785	18.58	20.00		18.50		18.00		12.00	
		165	5825	18.45	20.00		18.50		18.00		12.00	
	802.11n-HT20 MCS0	149	5745	18.35	20.00		18.50		18.00		12.00	98.16
		157	5785	18.39	20.00		18.50		18.00		12.00	
		165	5825	18.32	20.00		18.50		18.00		12.00	
	802.11n-HT40 MCS0	151	5755	17.40	19.00	16.97	18.50		18.00		12.00	96.32
		159	5795	17.52	19.00	16.98	18.50		18.00		12.00	
	802.11ac-VHT20 MCS0	149	5745	18.34	20.00		18.50		18.00		12.00	98.16
		157	5785	18.35	20.00		18.50		18.00		12.00	
		165	5825	18.39	20.00		18.50		18.00		12.00	
	802.11ac-VHT40 MCS0	151	5755	17.48	19.00		18.50		18.00		12.00	96.32
159		5795	17.55	19.00		18.50		18.00		12.00		
	802.11ac-VHT80 MCS0	155	5775	16.49	18.00	18.00		16.43	18.00	10.56	12.00	92.24



BT BR/EDR

Ant 6 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.13	10.00	9.92
	CH 39	2441	14.08	9.61	9.60
	CH 78	2480	14.43	10.16	10.43
Tune-up Limit			16	11.5	11.5