

Full&Default Power Mode

GSM850 Default Ant 0									
Burst Average Power (dbm)				Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)	
TX Channel	128	189	251		128	189	251		
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GSM 1 Tx slot	30.98	31.01	30.90	32.00	21.98	22.01	21.90	23.00	
GPRS 1 Tx slot	30.56	30.96	30.89	32.00	21.56	21.96	21.89	23.00	
GPRS 2 Tx slots	29.76	29.63	29.69	31.00	23.76	23.63	23.69	25.00	
GPRS 3 Tx slots	27.57	27.86	27.93	29.00	23.31	23.60	23.67	24.74	
GPRS 4 Tx slots	26.96	27.07	27.23	28.00	23.96	24.07	24.23	25.00	
EDGE 1 Tx slot	25.39	25.45	25.42	27.00	16.39	16.45	16.42	18.00	
EDGE 2 Tx slots	25.43	25.39	25.38	26.00	19.43	19.39	19.38	20.00	
EDGE 3 Tx slots	23.62	23.73	23.68	25.00	19.36	19.47	19.42	20.74	
EDGE 4 Tx slots	21.75	21.71	21.57	23.00	18.75	18.71	18.57	20.00	

WCDMA V Default Ant 0									
Band	WCDMA V			Tune-up Limit (dbm)	WCDMA V				
TX Channel	4132	4182	4233		Ch Delta > 0.5				
Rx Channel	4357	4407	4458						
Frequency (MHz)	826.4	836.4	846.6						
3GPP Rel 99	AMR 12.2Kbps	23.27	23.24	23.17	24.50			0.20	
3GPP Rel 99	RMC 12.2Kbps	23.31	23.37	23.21	24.50				
3GPP Rel 6	HSDPA Subtest-1	22.31	22.34	22.24	23.50			0.10	
3GPP Rel 6	HSDPA Subtest-2	22.35	22.31	22.21	23.50			0.14	
3GPP Rel 6	HSDPA Subtest-3	21.83	21.83	21.75	23.00			0.08	
3GPP Rel 6	HSDPA Subtest-4	21.81	21.92	21.77	23.00			0.15	
3GPP Rel 8	DC-HSDPA Subtest-1	22.31	22.39	22.18	23.50			0.21	
3GPP Rel 8	DC-HSDPA Subtest-2	22.33	22.33	22.24	23.50			0.09	
3GPP Rel 8	DC-HSDPA Subtest-3	21.75	21.88	21.71	23.00			0.17	
3GPP Rel 8	DC-HSDPA Subtest-4	21.75	21.83	21.70	23.00			0.13	
3GPP Rel 6	HSUPA Subtest-1	22.36	22.32	22.25	23.50			0.11	
3GPP Rel 6	HSUPA Subtest-2	20.36	20.41	20.16	21.50			0.25	
3GPP Rel 6	HSUPA Subtest-3	21.32	21.41	21.19	22.50			0.22	
3GPP Rel 6	HSUPA Subtest-4	20.33	20.42	20.21	21.50			0.21	
3GPP Rel 6	HSUPA Subtest-5	22.34	22.36	22.16	23.50			0.20	

GSM1900 Default Ant 2							
GSM1900 Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		
	512	661	810		512	661	810
TX Channel	1852.2	1860	1900.9		1852.2	1860	1900.9
Frequency (MHz)	1852.2	1860	1900.9		1852.2	1860	1900.9
GSM 1 Tx slot	29.27	29.49	29.25	30.50	20.27	20.49	20.25
GPRS 2 Tx slot	29.20	29.46	29.27	30.50	20.20	20.46	20.27
GPRS 3 Tx slots	26.51	26.53	26.49	28.00	20.51	20.53	20.49
GPRS 4 Tx slots	25.03	24.72	24.89	26.00	20.77	20.46	20.63
GPRS 4 Tx slots	23.52	23.17	23.46	25.00	20.52	20.17	20.46
EDGE 1 Tx slot	27.16	27.41	27.31	28.50	18.16	18.41	18.31
EDGE 2 Tx slots	24.11	24.14	24.13	25.50	18.11	18.14	18.13
EDGE 3 Tx slots	22.45	22.49	22.56	24.00	18.19	18.23	18.30
EDGE 4 Tx slots	20.67	20.72	20.79	22.00	17.67	17.72	17.79

WCDMA II Default Ant 2				
Band	WCDMA II			Tune-up Limit (dBm)
TX Channel	9262	9400	9538	
Rx Channel	9562	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.06	23.23	23.12
3GPP Rel 99	RMC 12.2Kbps	23.12	23.26	23.19
3GPP Rel 6	HSDPA Subtest-1	22.16	22.22	22.24
3GPP Rel 6	HSDPA Subtest-2	22.07	22.23	22.20
3GPP Rel 6	HSDPA Subtest-3	21.60	21.73	21.67
3GPP Rel 6	HSDPA Subtest-4	21.60	21.73	21.74
3GPP Rel 8	DC-HSDPA Subtest-1	22.16	22.27	22.22
3GPP Rel 8	DC-HSDPA Subtest-2	22.16	22.29	22.25
3GPP Rel 8	DC-HSDPA Subtest-3	21.59	21.81	21.70
3GPP Rel 8	DC-HSDPA Subtest-4	21.65	21.80	21.72
3GPP Rel 6	HSUPA Subtest-1	22.09	22.26	22.20
3GPP Rel 6	HSUPA Subtest-2	20.11	20.30	20.20
3GPP Rel 6	HSUPA Subtest-3	21.12	21.25	21.15
3GPP Rel 6	HSUPA Subtest-4	20.15	20.23	20.19
3GPP Rel 6	HSUPA Subtest-5	22.10	22.21	22.18

Band 42 Default Ant 3									
BW [MHz]	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	22.14	22.26	22.18			
20	QPSK	1	49	22.05	22.23	22.16		23	0
20	QPSK	1	99	22.09	22.19	22.15			
20	QPSK	50	0	21.14	21.32	21.16			
20	QPSK	50	24	21.00	21.28	21.16		22	1
20	QPSK	50	50	21.13	21.16	21.10			
20	QPSK	100	0	21.09	21.30	21.20			
20	16QAM	1	0	21.08	21.28	21.16			
20	16QAM	1	49	21.01	21.23	21.11		22	1
20	16QAM	1	99	21.13	21.19	21.19			
20	16QAM	50	0	20.10	20.28	20.17			
20	16QAM	50	24	20.03	20.28	20.17		21	2
20	16QAM	50	50	20.18	20.20	20.08			
20	16QAM	100	0	20.13	20.26	20.25			
20	64QAM	1	0	20.03	20.33	20.14			
20	64QAM	1	49	20.02	20.27	20.10		21	2
20	64QAM	1	99	20.08	20.18	20.24			
20	64QAM	50	0	19.14	19.35	19.11			
20	64QAM	50	24	19.05	19.33	19.12		20	3
20	64QAM	50	50	19.15	19.11	19.12			
20	64QAM	100	0	19.09	19.33	19.20			
20	256QAM	1	0	17.14	17.26	17.18			
20	256QAM	1	49	17.05	17.23	17.16		18	5
20	256QAM	1	99	17.09	17.19	17.15			
20	256QAM	50	0	17.04	17.22	17.06			
20	256QAM	50	24	16.90	17.18	17.06		18	5
20	256QAM	50	50	17.03	17.06	17.00			
20	256QAM	100	0	16.99	17.20	17.10			
Channel				42165	42590	43015	Tune-up limit	MPR	
Frequency (MHz)				3457.5	3500	3542.5		(dB)	
15	QPSK	1	0	22.18	22.22	22.11			
15	QPSK	1	37	22.04	22.18	22.12		23	0
15	QPSK	1	74	22.08	22.21	22.11			
15	QPSK	36	0	21.07	21.27	21.18			
15	QPSK	36	20	21.15	21.21	21.17		22	1
15	QPSK	36	39	21.16	21.09	21.03			
15	QPSK	75	0	21.08	21.24	21.21			
15	16QAM	1	0	21.07	21.27	21.08			
15	16QAM	1	37	21.00	21.23	21.11		22	1
15	16QAM	1	74	21.10	21.15	21.23			
15	16QAM	36	0	20.09	20.28	20.19			
15	16QAM	36	20	20.07	20.22	20.16		21	2
15	16QAM	36	39	20.11	20.22	20.12			
15	16QAM	75	0	20.07	20.28	20.24			
15	64QAM	1	0	20.06	20.30	20.06			
15	64QAM	1	37	20.01	20.22	20.14		21	2
15	64QAM	1	74	20.00	20.21	20.25			
15	64QAM	36	0	19.16	19.36	19.09			
15	64QAM	36	20	19.08	19.36	19.07		20	3
15	64QAM	36	39	19.15	19.08	19.09			
15	64QAM	75	0	19.12	19.26	19.20			
15	256QAM	1	0	17.18	17.22	17.11			
15	256QAM	1	37	17.04	17.18	17.12		18	5
15	256QAM	1	74	17.08	17.21	17.11			
15	256QAM	36	0	17.07	17.27	17.18			
15	256QAM	36	20	17.15	17.21	17.17		18	5
15	256QAM	36	39	17.16	17.09	17.03			
15	256QAM	75	0	17.08	17.24	17.21			
Channel				42140	42590	43040	Tune-up limit	MPR	
Frequency (MHz)				3455	3500	3545		(dB)	
10	QPSK	1	0	22.16	22.21	22.19			
10	QPSK	1	25	22.11	22.16	22.20		23	0
10	QPSK	1	49	22.12	22.21	22.15			
10	QPSK	25	0	21.10	21.34	21.17			
10	QPSK	25	12	21.01	21.25	21.09		22	1
10	QPSK	25	25	21.17	21.10	21.10			
10	QPSK	50	0	21.06	21.33	21.17			
10	16QAM	1	0	21.12	21.21	21.19			
10	16QAM	1	25	21.02	21.18	21.14		22	1
10	16QAM	1	49	21.09	21.16	21.21			
10	16QAM	25	0	20.08	20.23	20.18			
10	16QAM	25	12	20.06	20.21	20.10		21	2
10	16QAM	25	25	20.20	20.23	20.08			
10	16QAM	50	0	20.07	20.26	20.21			
10	64QAM	1	0	20.02	20.35	20.11			
10	64QAM	1	25	20.02	20.28	20.04		21	2
10	64QAM	1	49	20.09	20.21	20.28			
10	64QAM	25	0	19.13	19.33	19.14			
10	64QAM	25	12	19.05	19.34	19.12		20	3
10	64QAM	25	25	19.11	19.11	19.12			
10	64QAM	50	0	19.07	19.27	19.16			
10	256QAM	1	0	17.16	17.21	17.19			
10	256QAM	1	25	17.11	17.16	17.20		18	5
10	256QAM	1	49	17.12	17.21	17.15			
10	256QAM	25	0	17.10	17.34	17.17			
10	256QAM	25	12	17.01	17.25	17.09		18	5
10	256QAM	25	25	17.17	17.10	17.10			
10	256QAM	50	0	17.06	17.33	17.17			
Channel				42115	42590	43065	Tune-up limit	MPR	
Frequency (MHz)				3452.5	3500	3547.5		(dB)	
5	QPSK	1	0	22.17	22.24	22.12			
5	QPSK	1	12	22.07	22.24	22.16		23	0
5	QPSK	1	24	22.08	22.22	22.14			
5	QPSK	12	0	21.10	21.30	21.14			
5	QPSK	12	7	21.16	21.31	21.09		22	1
5	QPSK	12	13	21.16	21.19	21.08			
5	QPSK	25	0	21.09	21.31	21.16			
5	16QAM	1	0	21.08	21.26	21.11			
5	16QAM	1	12	21.11	21.21	21.09		22	1
5	16QAM	1	24	21.15	21.18	21.15			
5	16QAM	12	0	20.03	20.30	20.17			
5	16QAM	12	7	20.00	20.21	20.13		21	2
5	16QAM	12	13	20.14	20.17	20.06			
5	16QAM	25	0	20.13	20.24	20.28			
5	64QAM	1	0	20.05	20.26	20.16			
5	64QAM	1	12	20.05	20.31	20.06		21	2
5	64QAM	1	24	20.08	20.15	20.23			
5	64QAM	12	0	19.14	19.31	19.09			
5	64QAM	12	7	19.08	19.31	19.07		20	3
5	64QAM	12	13	19.11	19.09	19.08			
5	64QAM	25	0	19.11	19.31	19.14			
5	256QAM	1	0	17.07	17.14	17.02			
5	256QAM	1	12	16.97	17.14	17.06		18	5
5	256QAM	1	24	16.98	17.12	17.04			
5	256QAM	12	0	17.00	17.20	17.04			
5	256QAM	12	7	17.06	17.21	16.99			
5	256QAM	12	13	17.06	17.09	16.98		18	5
5	256QAM	25	0	16.99	17.21	17.06			

Band 42 Default Ant 4									
BW [MHz]	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	23.35	23.42	23.39			
20	QPSK	1	49	23.28	23.37	23.31	24.5	0	
20	QPSK	1	99	23.24	23.34	23.28			
20	QPSK	50	0	22.31	22.46	22.39			
20	QPSK	50	24	22.32	22.36	22.31	23.5	1	
20	QPSK	50	50	22.23	22.38	22.30			
20	QPSK	100	0	22.40	22.44	22.37			
20	16QAM	1	0	22.36	22.43	22.40			
20	16QAM	1	49	22.31	22.39	22.32	23.5	1	
20	16QAM	1	99	22.29	22.30	22.28			
20	16QAM	50	0	21.31	21.40	21.39			
20	16QAM	50	24	21.28	21.41	21.37			
20	16QAM	50	50	21.23	21.42	21.29	22.5	2	
20	16QAM	100	0	21.38	21.43	21.37			
20	64QAM	1	0	21.32	21.42	21.44			
20	64QAM	1	49	21.31	21.42	21.35	22.5	2	
20	64QAM	1	99	21.28	21.26	21.30			
20	64QAM	50	0	20.33	20.44	20.43			
20	64QAM	50	24	20.38	20.41	20.29	21.5	3	
20	64QAM	50	50	20.20	20.38	20.26			
20	64QAM	100	0	20.42	20.47	20.41			
20	256QAM	1	0	18.35	18.42	18.39			
20	256QAM	1	49	18.28	18.37	18.31	19.5	5	
20	256QAM	1	99	18.24	18.34	18.28			
20	256QAM	50	0	18.31	18.46	18.39			
20	256QAM	50	24	18.32	18.36	18.31	19.5	5	
20	256QAM	50	50	18.23	18.38	18.30			
20	256QAM	100	0	18.40	18.44	18.37			
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	23.23	23.35	23.28			
15	QPSK	1	37	23.10	23.29	23.23	24.5	0	
15	QPSK	1	74	23.15	23.29	23.17			
15	QPSK	36	0	22.22	22.34	22.27			
15	QPSK	36	20	22.24	22.32	22.28	23.5	1	
15	QPSK	36	39	22.11	22.25	22.21			
15	QPSK	75	0	22.29	22.42	22.26			
15	16QAM	1	0	22.27	22.33	22.38			
15	16QAM	1	37	22.28	22.28	22.25	23.5	1	
15	16QAM	1	74	22.22	22.27	22.24			
15	16QAM	36	0	21.24	21.35	21.26			
15	16QAM	36	20	21.14	21.34	21.33	22.5	2	
15	16QAM	36	39	21.16	21.29	21.23			
15	16QAM	75	0	21.35	21.33	21.25			
15	64QAM	1	0	21.23	21.37	21.36			
15	64QAM	1	37	21.20	21.30	21.27	22.5	2	
15	64QAM	1	74	21.14	21.22	21.22			
15	64QAM	36	0	20.19	20.39	20.34			
15	64QAM	36	20	20.35	20.37	20.21	21.5	3	
15	64QAM	36	39	20.08	20.32	20.21			
15	64QAM	75	0	20.36	20.36	20.36			
15	256QAM	1	0	18.23	18.35	18.28			
15	256QAM	1	37	18.19	18.29	18.23	19.5	5	
15	256QAM	1	74	18.15	18.29	18.17			
15	256QAM	36	0	18.22	18.34	18.27			
15	256QAM	36	20	18.24	18.32	18.28	19.5	5	
15	256QAM	36	39	18.11	18.25	18.21			
15	256QAM	75	0	18.29	18.42	18.26			
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	23.27	23.29	23.28			
10	QPSK	1	25	23.14	23.32	23.21	24.5	0	
10	QPSK	1	49	23.11	23.23	23.24			
10	QPSK	25	0	22.27	22.36	22.31			
10	QPSK	25	12	22.24	22.29	22.27	23.5	1	
10	QPSK	25	25	22.10	22.26	22.20			
10	QPSK	50	0	22.36	22.39	22.23			
10	16QAM	1	0	22.23	22.39	22.33			
10	16QAM	1	25	22.18	22.34	22.29	23.5	1	
10	16QAM	1	49	22.20	22.27	22.25			
10	16QAM	25	0	21.22	21.35	21.26			
10	16QAM	25	12	21.21	21.28	21.33	22.5	2	
10	16QAM	25	25	21.19	21.30	21.19			
10	16QAM	50	0	21.26	21.33	21.24			
10	64QAM	1	0	21.29	21.36	21.35			
10	64QAM	1	25	21.27	21.37	21.22	22.5	2	
10	64QAM	1	49	21.16	21.23	21.16			
10	64QAM	25	0	20.21	20.32	20.32			
10	64QAM	25	12	20.35	20.37	20.24	21.5	3	
10	64QAM	25	25	20.07	20.33	20.18			
10	64QAM	50	0	20.39	20.37	20.30			
10	256QAM	1	0	18.27	18.29	18.28			
10	256QAM	1	25	18.14	18.32	18.21	19.5	5	
10	256QAM	1	49	18.11	18.23	18.24			
10	256QAM	25	0	18.27	18.36	18.31			
10	256QAM	25	12	18.24	18.29	18.27	19.5	5	
10	256QAM	25	25	18.10	18.26	18.20			
10	256QAM	50	0	18.36	18.39	18.23			
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	23.24	23.29	23.34			
5	QPSK	1	12	23.14	23.32	23.28	24.5	0	
5	QPSK	1	24	23.17	23.23	23.25			
5	QPSK	12	0	22.23	22.36	22.32			
5	QPSK	12	7	22.26	22.32	22.24	23.5	1	
5	QPSK	12	13	22.10	22.30	22.25			
5	QPSK	25	0	22.37	22.37	22.34			
5	16QAM	1	0	22.27	22.39	22.35			
5	16QAM	1	12	22.18	22.31	22.27	23.5	1	
5	16QAM	1	24	22.21	22.18	22.22			
5	16QAM	12	0	21.24	21.27	21.29			
5	16QAM	12	7	21.20	21.30	21.29	22.5	2	
5	16QAM	12	13	21.12	21.30	21.25			
5	16QAM	25	0	21.26	21.36	21.27			
5	64QAM	1	0	21.19	21.37	21.41			
5	64QAM	1	12	21.27	21.37	21.33	22.5	2	
5	64QAM	1	24	21.25	21.23	21.17			
5	64QAM	12	0	20.31	20.35	20.36			
5	64QAM	12	7	20.35	20.31	20.17	21.5	3	
5	64QAM	12	13	20.14	20.33	20.20			
5	64QAM	25	0	20.30	20.36	20.39			
5	256QAM	1	0	18.24	18.29	18.34			
5	256QAM	1	12	18.14	18.32	18.28	19.5	5	
5	256QAM	1	24	18.17	18.23	18.25			
5	256QAM	12	0	18.23	18.36	18.32			
5	256QAM	12	7	18.26	18.32	18.24	19.5	5	
5	256QAM	12	13	18.10	18.30	18.25			
5	256QAM	25	0	18.37	18.37	18.34			

Reduced Power Mode for DSI 0&1

GSM850 DSI0&DSI1 Ant0									
Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)	
TX Channel	125	189	251		125	189	251		
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GSM 1 Tx slot	30.98	31.01	30.90	32.00	21.98	22.01	21.90	23.00	
GPRS 1 Tx slot	30.56	30.96	30.89	32.00	21.56	21.96	21.89	23.00	
GPRS 2 Tx slots	29.76	29.63	29.69	31.00	23.76	23.63	23.69	25.00	
GPRS 3 Tx slots	27.57	27.86	27.93	29.00	23.31	23.60	23.67	24.74	
GPRS 4 Tx slots	26.96	27.07	27.23	28.00	23.96	24.07	24.23	25.00	
EDGE 1 Tx slot	25.39	25.45	25.42	27.00	16.39	16.45	16.42	18.00	
EDGE 2 Tx slots	25.43	25.39	25.38	26.00	19.43	19.39	19.38	20.00	
EDGE 3 Tx slots	23.62	23.73	23.68	25.00	19.36	19.47	19.42	20.74	
EDGE 4 Tx slots	21.75	21.71	21.57	23.00	18.75	18.71	18.57	20.00	

WCDMA V DSI0&DSI1 Ant0									
Band	WCDMA V			Tune-up Limit (dBm)					
TX Channel	4132	4182	4233						
Rx Channel	4357	4407	4458						
Frequency (MHz)	826.4	836.4	846.6						
3GPP Rel 99	AMR 12.2Kbps	23.27	23.24	23.17	24.50				
3GPP Rel 99	RMC 12.2Kbps	23.31	23.37	23.21	24.50				
3GPP Rel 6	HSDPA Subtest-1	22.31	22.34	22.24	23.50				
3GPP Rel 6	HSDPA Subtest-2	22.35	22.31	22.21	23.50				
3GPP Rel 6	HSDPA Subtest-3	21.83	21.83	21.75	23.00				
3GPP Rel 6	HSDPA Subtest-4	21.81	21.92	21.77	23.00				
3GPP Rel 8	DC-HSDPA Subtest-1	22.31	22.39	22.18	23.50				
3GPP Rel 8	DC-HSDPA Subtest-2	22.33	22.33	22.24	23.50				
3GPP Rel 8	DC-HSDPA Subtest-3	21.75	21.88	21.71	23.00				
3GPP Rel 8	DC-HSDPA Subtest-4	21.75	21.83	21.70	23.00				
3GPP Rel 6	HSUPA Subtest-1	22.36	22.32	22.25	23.50				
3GPP Rel 6	HSUPA Subtest-2	20.36	20.41	20.16	21.50				
3GPP Rel 6	HSUPA Subtest-3	21.32	21.41	21.19	22.50				
3GPP Rel 6	HSUPA Subtest-4	20.33	20.42	20.21	21.50				
3GPP Rel 6	HSUPA Subtest-5	22.34	22.36	22.16	23.50				

GSM1900 DSI0&DSH1 Ant2							
GSM1900 Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		
	512	661	810		512	661	810
TX Channel	1852.2	1852	1900.3		1852.2	1852	1900.3
Frequency (MHz)	28.51	28.50	28.57	29.50	19.51	19.59	19.57
GSM 1 Tx slot	28.51	28.50	28.57	29.50	19.51	19.59	19.57
GPRS 2 Tx slot	28.50	28.56	28.56	29.50	19.50	19.56	19.56
GPRS 3 Tx slot	24.01	24.02	24.03	26.00	18.01	18.02	18.03
GPRS 4 Tx slot	23.29	23.22	23.20	25.00	19.03	18.96	18.94
GPRS 4 Tx slots	22.08	22.14	22.06	24.00	19.08	19.14	19.06
EDGE 1 Tx slot	27.16	27.41	27.31	28.50	18.16	18.41	18.31
EDGE 2 Tx slot	24.11	24.14	24.13	25.50	18.11	18.14	18.13
EDGE 3 Tx slot	22.45	22.49	22.56	24.00	18.19	18.23	18.30
EDGE 4 Tx slot	20.67	20.72	20.79	22.00	17.67	17.72	17.79

WCDMA II DSI0&DSH1 Ant2				
Band	WCDMA II			Tune-up Limit (dBm)
TX Channel	9262	9400	9538	
Rx Channel	9562	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.66	19.88	19.68
3GPP Rel 99	RMC 12.2Kbps	19.64	19.93	19.80
3GPP Rel 6	HSDPA Subtest-1	18.76	18.77	18.93
3GPP Rel 6	HSDPA Subtest-2	18.63	18.76	18.74
3GPP Rel 6	HSDPA Subtest-3	18.18	18.33	18.26
3GPP Rel 6	HSDPA Subtest-4	18.29	18.25	18.45
3GPP Rel 8	DC-HSDPA Subtest-1	18.75	18.89	18.74
3GPP Rel 8	DC-HSDPA Subtest-2	18.76	18.89	18.89
3GPP Rel 8	DC-HSDPA Subtest-3	18.24	18.42	18.24
3GPP Rel 8	DC-HSDPA Subtest-4	18.34	18.36	18.35
3GPP Rel 6	HSUPA Subtest-1	18.76	18.90	18.79
3GPP Rel 6	HSUPA Subtest-2	16.71	16.91	16.84
3GPP Rel 6	HSUPA Subtest-3	17.76	17.85	17.75
3GPP Rel 6	HSUPA Subtest-4	16.77	16.80	16.80
3GPP Rel 6	HSUPA Subtest-5	18.67	18.89	18.72

3	16QAM	1	0	19.79	19.83	19.72	21	0
3	16QAM	1	8	19.78	19.78	19.62		
3	16QAM	1	14	19.65	19.75	19.58		
3	16QAM	8	0	19.79	19.81	19.71	21	0
3	16QAM	8	4	19.76	19.79	19.66		
3	16QAM	8	7	19.71	19.74	19.73		
3	16QAM	15	0	19.67	19.71	19.67	21	0
3	64QAM	1	0	19.73	19.77	19.74		
3	64QAM	1	8	19.72	19.75	19.61		
3	64QAM	1	14	19.78	19.82	19.71	21	0
3	64QAM	8	0	19.74	19.81	19.75		
3	64QAM	8	4	19.79	19.79	19.59		
3	64QAM	8	7	19.67	19.81	19.68	21	0
3	64QAM	15	0	19.71	19.79	19.62		
3	256QAM	1	0	17.68	17.89	17.66	19	2
3	256QAM	1	8	17.63	17.90	17.70		
3	256QAM	1	14	17.73	17.74	17.65		
3	256QAM	8	0	17.69	17.84	17.68	19	2
3	256QAM	8	4	17.81	17.84	17.74		
3	256QAM	8	7	17.82	17.82	17.70		
3	256QAM	15	0	17.75	17.78	17.60	Tune-up Time	MPR (dB)
Channel				131979	132322	132665		
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.82	19.99	19.61	21	0
1.4	QPSK	1	3	19.66	19.89	19.69		
1.4	QPSK	1	5	19.77	19.78	19.72		
1.4	QPSK	3	0	19.82	19.84	19.59	21	0
1.4	QPSK	3	1	19.74	19.81	19.61		
1.4	QPSK	3	3	19.76	19.73	19.66		
1.4	QPSK	6	0	19.72	19.78	19.76	21	0
1.4	16QAM	1	0	19.80	19.80	19.68	21	0
1.4	16QAM	1	3	19.82	19.82	19.62		
1.4	16QAM	1	5	19.63	19.78	19.66		
1.4	16QAM	3	0	19.72	19.86	19.74	21	0
1.4	16QAM	3	1	19.79	19.89	19.58		
1.4	16QAM	3	3	19.74	19.77	19.66		
1.4	16QAM	6	0	19.76	19.75	19.69	21	0
1.4	64QAM	1	0	19.72	19.63	19.69	21	0
1.4	64QAM	1	3	19.69	19.70	19.62		
1.4	64QAM	1	5	19.63	19.80	19.64		
1.4	64QAM	3	0	19.76	19.82	19.73	21	0
1.4	64QAM	3	1	19.86	19.81	19.53		
1.4	64QAM	3	3	19.71	19.75	19.70		
1.4	64QAM	6	0	19.73	19.84	19.57	21	0
1.4	256QAM	1	0	17.73	17.91	17.62	19	2
1.4	256QAM	1	3	17.70	17.84	17.66		
1.4	256QAM	1	5	17.80	17.72	17.58		
1.4	256QAM	3	0	17.73	17.76	17.68	19	2
1.4	256QAM	3	1	17.70	17.72	17.75		
1.4	256QAM	3	3	17.84	17.82	17.69		
1.4	256QAM	6	0	17.81	17.84	17.65	19	2

Band 42 DSI0&DSI1 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990	22	0	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	21.17	21.29	21.14	22	0	
20	QPSK	1	49	21.12	21.26	21.17			
20	QPSK	1	99	21.09	21.20	21.15			
20	QPSK	50	0	21.12	21.22	21.15			
20	QPSK	50	24	21.09	21.19	21.13			
20	QPSK	50	50	21.12	21.15	21.19			
20	QPSK	100	0	21.19	21.21	21.13	22	0	
20	16QAM	1	0	21.14	21.25	21.11			
20	16QAM	1	49	21.18	21.17	21.15			
20	16QAM	1	99	21.16	21.25	21.16			
20	16QAM	50	0	21.18	21.15	21.10			
20	16QAM	50	24	21.18	21.24	21.10			
20	16QAM	50	50	21.21	21.25	21.14	22	0	
20	16QAM	100	0	21.18	21.16	21.10			
20	64QAM	1	0	21.09	21.20	21.18			
20	64QAM	1	49	21.13	21.25	21.16			
20	64QAM	1	99	21.18	21.26	21.11			
20	64QAM	50	0	20.14	20.34	20.19	21	1	
20	64QAM	50	24	20.16	20.26	20.12			
20	64QAM	50	50	20.11	20.23	20.13			
20	64QAM	100	0	20.18	20.34	20.17			
20	256QAM	1	0	18.23	18.25	18.11			
20	256QAM	1	49	18.22	18.34	18.19	19	3	
20	256QAM	1	99	18.20	18.29	18.15			
20	256QAM	50	0	18.17	18.25	18.18			
20	256QAM	50	24	18.21	18.33	18.19			
20	256QAM	50	50	18.21	18.31	18.12			
20	256QAM	100	0	18.21	18.26	18.15			
Channel				42165	42590	43015	22	0	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	21.04	21.15	21.08	22	0	
15	QPSK	1	37	21.05	21.21	21.11			
15	QPSK	1	74	20.94	21.09	21.01			
15	QPSK	36	0	21.01	21.13	21.05			
15	QPSK	36	20	21.05	21.12	21.06			
15	QPSK	36	39	21.02	21.04	21.06	22	0	
15	QPSK	75	0	21.09	21.09	21.01			
15	16QAM	1	0	20.98	21.20	20.98			
15	16QAM	1	37	21.03	21.06	21.04			
15	16QAM	1	74	21.10	21.19	21.08			
15	16QAM	36	0	21.12	21.08	21.01	22	0	
15	16QAM	36	20	21.14	21.15	21.01			
15	16QAM	36	39	21.05	21.09	21.07			
15	16QAM	75	0	21.05	21.09	21.00			
15	64QAM	1	0	20.99	21.06	21.10			
15	64QAM	1	37	21.00	21.14	21.10	22	0	
15	64QAM	1	74	21.14	21.18	20.97			
15	64QAM	36	0	20.04	20.28	20.07			
15	64QAM	36	20	20.00	20.20	20.02			
15	64QAM	36	39	20.03	20.09	20.00			
15	64QAM	75	0	20.04	20.22	20.11	19	3	
15	256QAM	1	0	18.10	18.17	18.06			
15	256QAM	1	37	18.10	18.24	18.14			
15	256QAM	1	74	18.04	18.13	18.09			
15	256QAM	36	0	18.05	18.19	18.06			
15	256QAM	36	20	18.05	18.26	18.07	19	3	
15	256QAM	36	39	18.07	18.17	18.07			
15	256QAM	75	0	18.07	18.17	18.06			
Channel				42140	42590	43040	22	0	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	21.09	21.16	21.00	22	0	
10	QPSK	1	25	21.02	21.20	21.06			
10	QPSK	1	49	21.02	21.10	21.08			
10	QPSK	25	0	21.06	21.15	21.11			
10	QPSK	25	12	20.97	21.08	20.98			
10	QPSK	25	25	20.99	21.10	21.10	22	0	
10	QPSK	50	0	21.13	21.15	21.02			
10	16QAM	1	0	21.04	21.19	21.00			
10	16QAM	1	25	21.04	21.13	21.02			
10	16QAM	1	49	21.11	21.15	21.07			
10	16QAM	25	0	21.03	21.10	20.97	22	0	
10	16QAM	25	12	21.06	21.11	20.98			
10	16QAM	25	25	21.10	21.20	21.00			
10	16QAM	50	0	21.04	21.03	21.04			
10	64QAM	1	0	21.04	21.13	21.13			
10	64QAM	1	25	21.06	21.18	21.05	22	0	
10	64QAM	1	49	21.02	21.20	20.99			
10	64QAM	25	0	19.99	20.19	20.14			
10	64QAM	25	12	20.10	20.12	20.02			
10	64QAM	25	25	19.98	20.18	20.08	21	1	
10	64QAM	50	0	20.10	20.28	20.09			
10	256QAM	1	0	18.19	18.13	17.98			
10	256QAM	1	25	18.09	18.23	18.03			
10	256QAM	1	49	18.07	18.20	18.10			
10	256QAM	25	0	18.08	18.19	18.04	19	3	
10	256QAM	25	12	18.15	18.24	18.05			
10	256QAM	25	25	18.06	18.16	18.06			
10	256QAM	50	0	18.08	18.15	18.08			
Channel				42115	42590	43065	22	0	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	21.08	21.21	21.01	22	0	
5	QPSK	1	12	21.01	21.17	21.03			
5	QPSK	1	24	20.93	21.09	21.07			
5	QPSK	12	0	20.99	21.10	20.99			
5	QPSK	12	7	20.98	21.05	20.99			
5	QPSK	12	13	21.08	21.09	21.09	22	0	
5	QPSK	25	0	21.07	21.11	21.06			
5	16QAM	1	0	21.00	21.15	20.96			
5	16QAM	1	12	21.06	21.01	21.08			
5	16QAM	1	24	21.00	21.20	21.02			
5	16QAM	12	0	21.13	21.00	21.06	22	0	
5	16QAM	12	7	21.12	21.15	20.99			
5	16QAM	12	13	21.07	21.19	21.04			
5	16QAM	25	0	21.10	21.10	20.94			
5	64QAM	1	0	20.95	21.04	21.05			
5	64QAM	1	12	21.01	21.15	21.04	22	0	
5	64QAM	1	24	21.14	21.14	21.06			
5	64QAM	12	0	20.08	20.25	20.11			
5	64QAM	12	7	20.02	20.15	20.08			
5	64QAM	12	13	20.05	20.08	20.07	21	1	
5	64QAM	25	0	20.14	20.28	20.03			
5	256QAM	1	0	18.11	18.09	18.03			
5	256QAM	1	12	18.13	18.18	18.12			
5	256QAM	1	24	18.10	18.13	18.11			
5	256QAM	12	0	18.08	18.21	18.11	19	3	
5	256QAM	12	7	18.12	18.24	18.14			
5	256QAM	12	13	18.10	18.27	17.97			
5	256QAM	25	0	18.17	18.14	18.08			

Band 42 DSI0&DSI1 Ant4								
BW [MHz]	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	19.51	19.40	20.5	0
20	QPSK	1	49	19.33	19.41	19.42		
20	QPSK	1	99	19.36	19.36	19.34		
20	QPSK	50	0	19.40	19.48	19.40		
20	QPSK	50	24	19.36	19.43	19.42	20.5	0
20	QPSK	50	50	19.38	19.47	19.36		
20	QPSK	100	0	19.36	19.42	19.41		
20	16QAM	1	0	19.30	19.38	19.42		
20	16QAM	1	49	19.40	19.43	19.40	20.5	0
20	16QAM	1	99	19.38	19.37	19.37		
20	16QAM	50	0	19.31	19.40	19.44		
20	16QAM	50	24	19.35	19.48	19.41		
20	16QAM	50	50	19.35	19.42	19.44	20.5	0
20	16QAM	100	0	19.33	19.42	19.43		
20	64QAM	1	0	19.39	19.47	19.45		
20	64QAM	1	49	19.35	19.44	19.40		
20	64QAM	1	99	19.32	19.40	19.44	20.5	0
20	64QAM	50	0	19.33	19.41	19.38		
20	64QAM	50	24	19.38	19.37	19.44		
20	64QAM	50	50	19.39	19.36	19.36		
20	256QAM	1	0	19.33	19.39	19.37	19.5	1
20	256QAM	1	49	19.30	19.39	19.35		
20	256QAM	1	99	19.40	19.46	19.40		
20	256QAM	50	0	19.34	19.44	19.40		
20	256QAM	50	24	19.35	19.45	19.36	19.5	1
20	256QAM	50	50	19.35	19.46	19.41		
20	256QAM	100	0	19.32	19.39	19.40		
Channel				42165	42590	43015		
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.24	19.33	19.29	20.5	0
15	QPSK	1	37	19.18	19.27	19.30		
15	QPSK	1	74	19.23	19.22	19.28		
15	QPSK	36	0	19.31	19.32	19.28		
15	QPSK	36	20	19.24	19.31	19.29	20.5	0
15	QPSK	36	39	19.24	19.33	19.32		
15	QPSK	75	0	19.22	19.36	19.29		
15	16QAM	1	0	19.20	19.32	19.29		
15	16QAM	1	37	19.31	19.39	19.25	20.5	0
15	16QAM	1	74	19.34	19.27	19.28		
15	16QAM	36	0	19.20	19.31	19.32		
15	16QAM	36	20	19.25	19.34	19.29		
15	16QAM	36	39	19.22	19.27	19.40	20.5	0
15	16QAM	75	0	19.20	19.29	19.28		
15	64QAM	1	0	19.27	19.40	19.35		
15	64QAM	1	37	19.26	19.39	19.24		
15	64QAM	1	74	19.20	19.29	19.39	20.5	0
15	64QAM	36	0	19.27	19.28	19.32		
15	64QAM	36	20	19.25	19.23	19.33		
15	64QAM	36	39	19.33	19.29	19.28		
15	64QAM	75	0	19.22	19.34	19.23	19.5	1
15	256QAM	1	0	19.22	19.34	19.31		
15	256QAM	1	37	19.24	19.28	19.22		
15	256QAM	1	74	19.28	19.32	19.33		
15	256QAM	36	0	19.18	19.29	19.26	19.5	1
15	256QAM	36	20	19.22	19.30	19.22		
15	256QAM	36	39	19.24	19.33	19.27		
15	256QAM	75	0	19.19	19.28	19.26		
Channel				42140	42590	43040		
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.24	19.35	19.36	20.5	0
10	QPSK	1	25	19.22	19.37	19.27		
10	QPSK	1	49	19.24	19.23	19.26		
10	QPSK	25	0	19.31	19.31	19.24		
10	QPSK	25	12	19.29	19.30	19.35	20.5	0
10	QPSK	25	25	19.32	19.41	19.26		
10	QPSK	50	0	19.26	19.29	19.26		
10	16QAM	1	0	19.24	19.30	19.27		
10	16QAM	1	25	19.35	19.39	19.28	20.5	0
10	16QAM	1	49	19.33	19.30	19.33		
10	16QAM	25	0	19.23	19.32	19.29		
10	16QAM	25	12	19.25	19.39	19.26		
10	16QAM	25	25	19.24	19.32	19.38	20.5	0
10	16QAM	50	0	19.21	19.29	19.36		
10	64QAM	1	0	19.30	19.32	19.38		
10	64QAM	1	25	19.22	19.28	19.35		
10	64QAM	1	49	19.20	19.26	19.30	20.5	0
10	64QAM	25	0	19.22	19.32	19.31		
10	64QAM	25	12	19.26	19.30	19.29		
10	64QAM	25	25	19.28	19.25	19.21		
10	64QAM	50	0	19.19	19.30	19.22	19.5	1
10	256QAM	1	0	19.22	19.24	19.27		
10	256QAM	1	25	19.20	19.31	19.23		
10	256QAM	1	49	19.26	19.32	19.27		
10	256QAM	25	0	19.21	19.33	19.30	19.5	1
10	256QAM	25	12	19.19	19.34	19.23		
10	256QAM	25	25	19.24	19.41	19.28		
10	256QAM	50	0	19.18	19.34	19.32		
Channel				42115	42590	43065		
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.23	19.32	19.34	20.5	0
5	QPSK	1	12	19.23	19.36	19.30		
5	QPSK	1	24	19.26	19.22	19.26		
5	QPSK	12	0	19.24	19.33	19.30		
5	QPSK	12	7	19.23	19.31	19.30	20.5	0
5	QPSK	12	13	19.29	19.32	19.25		
5	QPSK	25	0	19.28	19.29	19.29		
5	16QAM	1	0	19.17	19.33	19.36		
5	16QAM	1	12	19.24	19.34	19.26	20.5	0
5	16QAM	1	24	19.29	19.27	19.28		
5	16QAM	12	0	19.20	19.29	19.40		
5	16QAM	12	7	19.23	19.36	19.32		
5	16QAM	12	13	19.23	19.32	19.32	20.5	0
5	16QAM	25	0	19.28	19.35	19.27		
5	64QAM	1	0	19.32	19.33	19.39		
5	64QAM	1	12	19.24	19.29	19.35		
5	64QAM	1	24	19.21	19.34	19.29	20.5	0
5	64QAM	12	0	19.20	19.33	19.28		
5	64QAM	12	7	19.31	19.26	19.35		
5	64QAM	12	13	19.31	19.21	19.27		
5	64QAM	25	0	19.24	19.33	19.30	19.5	1
5	256QAM	1	0	19.27	19.25	19.22		
5	256QAM	1	12	19.19	19.34	19.29		
5	256QAM	1	24	19.33	19.32	19.28		
5	256QAM	12	0	19.25	19.39	19.34	19.5	1
5	256QAM	12	7	19.27	19.41	19.24		
5	256QAM	12	13	19.27	19.30	19.32		
5	256QAM	25	0	19.18	19.34	19.25		

Band 42 DSI0&DSI1 Ant8 ENDC										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)		
Channel				42190	42590	42990				
Frequency (MHz)				3460	3500	3540				
20	QPSK	1	0	20.01	20.19	19.98		21	0	
20	QPSK	1	49	20.01	20.13	19.99				
20	QPSK	1	99	19.99	20.14	19.98				
20	QPSK	50	0	20.01	20.11	19.98		21	0	
20	QPSK	50	24	20.00	20.02	20.00				
20	QPSK	50	50	19.96	20.09	20.00				
20	QPSK	100	0	20.01	20.04	20.01		21	0	
20	16QAM	1	0	19.90	20.03	20.01				
20	16QAM	1	49	20.00	20.12	20.03				
20	16QAM	1	99	20.00	20.12	19.98		21	0	
20	16QAM	50	0	19.90	20.02	19.98				
20	16QAM	50	24	19.96	20.04	20.01				
20	16QAM	50	50	19.99	20.04	20.02		21	0	
20	16QAM	100	0	19.94	20.08	19.99				
20	64QAM	1	0	19.90	20.09	20.02				
20	64QAM	1	49	19.93	20.09	19.97		21	0	
20	64QAM	1	99	19.92	20.05	20.04				
20	64QAM	50	0	19.02	19.02	19.04				
20	64QAM	50	24	18.98	19.04	19.02		20	1	
20	64QAM	50	50	19.03	19.08	18.98				
20	64QAM	100	0	18.97	19.06	18.97				
20	256QAM	1	0	17.01	17.05	17.04		18	3	
20	256QAM	1	49	16.96	17.11	16.96				
20	256QAM	1	99	17.03	17.02	16.94				
20	256QAM	50	0	16.99	17.11	16.92		18	3	
20	256QAM	50	24	16.99	17.06	16.99				
20	256QAM	50	50	17.03	17.12	17.03				
20	256QAM	100	0	17.06	17.12	17.01				
Channel				42165	42590	43015	Tune-up limit	MPR (dB)		
Frequency (MHz)				3457.5	3500	3542.5				
15	QPSK	1	0	19.92	19.95	19.92		21	0	
15	QPSK	1	37	19.97	20.01	19.85				
15	QPSK	1	74	19.90	20.00	19.86				
15	QPSK	36	0	19.86	19.96	19.88		21	0	
15	QPSK	36	20	19.85	19.98	19.87				
15	QPSK	36	39	19.88	20.04	19.88				
15	QPSK	75	0	19.96	19.90	19.86		21	0	
15	16QAM	1	0	19.85	19.90	19.87				
15	16QAM	1	37	19.92	20.03	19.92				
15	16QAM	1	74	19.94	20.06	19.88		21	0	
15	16QAM	36	0	19.79	19.90	19.91				
15	16QAM	36	20	19.84	19.93	19.90				
15	16QAM	36	39	19.85	19.92	19.92		21	0	
15	16QAM	75	0	19.84	19.96	19.88				
15	64QAM	1	0	19.80	19.99	19.95				
15	64QAM	1	37	19.86	20.00	19.91		21	0	
15	64QAM	1	74	19.86	19.94	19.98				
15	64QAM	36	0	18.91	18.94	18.90				
15	64QAM	36	20	18.88	18.94	18.91		20	1	
15	64QAM	36	39	18.98	18.98	18.90				
15	64QAM	75	0	18.85	18.91	18.83				
15	256QAM	1	0	16.93	17.01	16.92		18	3	
15	256QAM	1	37	16.82	17.01	16.88				
15	256QAM	1	74	16.90	16.92	16.86				
15	256QAM	36	0	16.89	16.98	16.82		18	3	
15	256QAM	36	20	16.84	16.91	16.85				
15	256QAM	36	39	16.97	17.05	16.88				
15	256QAM	75	0	16.98	17.01	16.89				
Channel				42140	42590	43040	Tune-up limit	MPR (dB)		
Frequency (MHz)				3455	3500	3545				
10	QPSK	1	0	19.97	20.00	19.90		21	0	
10	QPSK	1	25	19.90	20.07	19.85				
10	QPSK	1	49	19.89	20.05	19.84				
10	QPSK	25	0	19.88	19.90	19.93		21	0	
10	QPSK	25	12	19.95	19.94	19.92				
10	QPSK	25	25	19.86	19.96	19.93				
10	QPSK	50	0	19.89	19.93	19.90		21	0	
10	16QAM	1	0	19.82	19.96	19.90				
10	16QAM	1	25	19.88	19.97	19.92				
10	16QAM	1	49	19.87	20.07	19.92		21	0	
10	16QAM	25	0	19.76	19.96	19.91				
10	16QAM	25	12	19.89	19.92	19.94				
10	16QAM	25	25	19.93	19.93	19.89		21	0	
10	16QAM	50	0	19.89	20.04	19.86				
10	64QAM	1	0	19.84	20.00	19.88				
10	64QAM	1	25	19.81	19.95	19.82		21	0	
10	64QAM	1	49	19.77	19.97	19.91				
10	64QAM	25	0	18.95	18.89	19.00				
10	64QAM	25	12	18.87	18.88	18.98		20	1	
10	64QAM	25	25	18.88	18.93	18.92				
10	64QAM	50	0	18.92	19.02	18.92				
10	256QAM	1	0	16.93	16.97	16.94		18	3	
10	256QAM	1	25	16.89	16.99	16.83				
10	256QAM	1	49	16.97	16.95	16.81				
10	256QAM	25	0	16.91	16.96	16.83		18	3	
10	256QAM	25	12	16.86	16.90	16.91				
10	256QAM	25	25	16.87	17.01	16.87				
10	256QAM	50	0	16.91	17.06	16.92				
Channel				42115	42590	43065	Tune-up limit	MPR (dB)		
Frequency (MHz)				3452.5	3500	3547.5				
5	QPSK	1	0	19.92	19.96	19.89		21	0	
5	QPSK	1	12	19.95	20.08	19.94				
5	QPSK	1	24	19.90	20.01	19.93				
5	QPSK	12	0	19.90	19.92	19.89		21	0	
5	QPSK	12	7	19.88	19.89	19.95				
5	QPSK	12	13	19.87	19.98	19.91				
5	QPSK	25	0	19.85	19.99	19.89		21	0	
5	16QAM	1	0	19.80	19.94	19.91				
5	16QAM	1	12	19.93	19.96	19.97				
5	16QAM	1	24	19.96	19.97	19.85		21	0	
5	16QAM	12	0	19.86	19.93	19.88				
5	16QAM	12	7	19.89	19.93	19.87				
5	16QAM	12	13	19.95	19.91	19.93		21	0	
5	16QAM	25	0	19.86	19.94	19.93				
5	64QAM	1	0	19.78	20.01	19.93				
5	64QAM	1	12	19.87	20.01	19.84		21	0	
5	64QAM	1	24	19.86	19.94	19.99				
5	64QAM	12	0	18.89	18.91	18.90				
5	64QAM	12	7	18.91	18.97	18.91		20	1	
5	64QAM	12	13	18.93	19.02	18.89				
5	64QAM	25	0	18.92	18.95	18.86				
5	256QAM	1	0	16.87	16.98	16.96		18	3	
5	256QAM	1	12	16.81	17.03	16.82				
5	256QAM	1	24	16.91	16.92	16.79				
5	256QAM	12	0	16.92	17.00	16.78		18	3	
5	256QAM	12	7	16.89	16.95	16.95				
5	256QAM	12	13	16.98	17.03	16.93				
5	256QAM	25	0	16.91	17.07	16.89				

Reduced Power Mode for DSI 2

GSM850 DSI 2 Ant 0									
Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)	
TX Channel	125	189	251		125	189	251		
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GSM 1 Tx slot	30.98	31.01	30.90	32.00	21.98	22.01	21.90	23.00	
GPRS 2 Tx slot	30.56	30.96	30.89	32.00	21.56	21.96	21.89	23.00	
GPRS 3 Tx slots	29.26	29.17	29.20	30.50	23.26	23.17	23.20	24.50	
GPRS 4 Tx slots	27.10	27.41	27.42	28.50	22.84	23.15	23.16	24.24	
GPRS 4 Tx slots	26.52	26.58	26.54	27.50	23.52	23.58	23.54	24.50	
EDGE 1 Tx slot	25.39	25.45	25.42	27.00	16.39	16.45	16.42	18.00	
EDGE 2 Tx slots	25.43	25.39	25.38	26.00	19.43	19.39	19.38	20.00	
EDGE 3 Tx slots	23.62	23.73	23.68	25.00	19.36	19.47	19.42	20.74	
EDGE 4 Tx slots	21.75	21.71	21.57	23.00	18.75	18.71	18.57	20.00	

WCDMA V DSI 2 Ant 0									
Band	WCDMA V			Tune-up Limit (dBm)					
TX Channel	4132	4182	4233						
Rx Channel	4357	4407	4458						
Frequency (MHz)	826.4	836.4	846.6						
3GPP Rel 99	AMR 12.2Kbps	22.25	22.24	22.14	23.50				
3GPP Rel 99	RMC 12.2Kbps	22.21	22.32	22.25	23.50				
3GPP Rel 6	HSDPA Subtest-1	21.28	21.29	21.29	22.50				
3GPP Rel 6	HSDPA Subtest-2	21.33	21.30	21.26	22.50				
3GPP Rel 6	HSDPA Subtest-3	20.83	20.77	20.79	22.00				
3GPP Rel 6	HSDPA Subtest-4	20.79	20.91	20.80	22.00				
3GPP Rel 8	DC-HSDPA Subtest-1	21.29	21.37	21.18	22.50				
3GPP Rel 8	DC-HSDPA Subtest-2	21.37	21.34	21.19	22.50				
3GPP Rel 8	DC-HSDPA Subtest-3	20.80	20.94	20.69	22.00				
3GPP Rel 8	DC-HSDPA Subtest-4	20.79	20.83	20.69	22.00				
3GPP Rel 6	HSUPA Subtest-1	21.31	21.31	21.28	22.50				
3GPP Rel 6	HSUPA Subtest-2	19.41	19.40	19.21	20.50				
3GPP Rel 6	HSUPA Subtest-3	20.29	20.42	20.24	21.50				
3GPP Rel 6	HSUPA Subtest-4	19.35	19.39	19.21	20.50				
3GPP Rel 6	HSUPA Subtest-5	21.32	21.37	21.18	22.50				

GSM1900 DSI 2 Ant 2								
GSM1900 Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1860	1900.8		1850.2	1860	1900.8	
Frequency (MHz)								
GSM 1 Tx slot	25.30	25.44	25.21	27.00	16.30	16.44	16.21	18.00
GPRS 1 Tx slot	25.16	25.50	25.21	27.00	16.16	16.50	16.21	18.00
GPRS 2 Tx slots	22.55	22.51	22.50	24.00	16.55	16.51	16.50	18.00
GPRS 3 Tx slots	21.03	20.72	20.90	22.00	16.77	16.46	16.64	17.74
GPRS 4 Tx slots	19.73	19.75	19.65	21.00	16.73	16.75	16.65	16.00
EDGE 1 Tx slot	23.19	23.43	23.26	24.50	14.19	14.43	14.26	15.50
EDGE 2 Tx slots	20.10	20.08	20.16	21.50	14.10	14.08	14.16	15.50
EDGE 3 Tx slots	18.49	18.53	18.54	20.00	14.23	14.27	14.28	15.74
EDGE 4 Tx slots	16.62	16.68	16.76	18.00	13.62	13.68	13.76	15.00

WCDMA II DSI 2 Ant 2					
Band	WCDMA II			Tune-up Limit (dBm)	
TX Channel	9262	9400	9538		
Rx Channel	9662	9800	9938		
Frequency (MHz)	1852.4	1880	1907.6		
3GPP Rel 99	AMR 12.2Kbps	18.06	18.19	18.14	19.00
3GPP Rel 99	RMC 12.2Kbps	18.13	18.25	18.22	19.00
3GPP Rel 6	HSDPA Subtest-1	17.18	17.25	17.23	18.00
3GPP Rel 6	HSDPA Subtest-2	17.02	17.23	17.19	18.00
3GPP Rel 6	HSDPA Subtest-3	16.64	16.73	16.63	17.50
3GPP Rel 6	HSDPA Subtest-4	16.64	16.76	16.79	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.14	17.32	17.22	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.13	17.31	17.20	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.64	16.87	16.71	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.60	16.82	16.75	17.50
3GPP Rel 6	HSUPA Subtest-1	17.13	17.22	17.24	18.00
3GPP Rel 6	HSUPA Subtest-2	15.14	15.34	15.17	16.00
3GPP Rel 6	HSUPA Subtest-3	16.09	16.26	16.14	17.00
3GPP Rel 6	HSUPA Subtest-4	15.11	15.20	15.18	16.00
3GPP Rel 6	HSUPA Subtest-5	17.06	17.25	17.12	18.00

3	16QAM	1	0	17.81	17.79	17.76	19	0
3	16QAM	1	8	17.86	17.80	17.78		
3	16QAM	1	14	17.84	17.89	17.83		
3	16QAM	8	0	17.77	17.87	17.81	19	0
3	16QAM	8	4	17.78	17.78	17.76		
3	16QAM	8	7	17.87	17.80	17.82		
3	16QAM	15	0	17.75	17.90	17.80	19	0
3	64QAM	1	0	17.78	17.87	17.77		
3	64QAM	1	8	17.84	17.82	17.81		
3	64QAM	1	14	17.75	17.81	17.86	19	0
3	64QAM	8	0	17.87	17.88	17.75		
3	64QAM	8	4	17.81	17.87	17.76		
3	64QAM	8	7	17.81	17.84	17.86	19	0
3	64QAM	15	0	17.78	17.83	17.83		
3	256QAM	1	0	17.85	17.84	17.79	19	0
3	256QAM	1	8	17.86	17.89	17.75		
3	256QAM	1	14	17.87	17.87	17.83		
3	256QAM	8	0	17.76	17.86	17.82	19	0
3	256QAM	8	4	17.78	17.80	17.86		
3	256QAM	8	7	17.81	17.89	17.76		
3	256QAM	15	0	17.80	17.79	17.77	Tune-up Time	MPR (dB)
Channel				131979	132322	132665		
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.78	17.85	17.86	19	0
1.4	QPSK	1	3	17.86	17.88	17.84		
1.4	QPSK	1	5	17.83	17.79	17.78		
1.4	QPSK	3	0	17.77	17.90	17.78	19	0
1.4	QPSK	3	1	17.77	17.82	17.86		
1.4	QPSK	3	3	17.85	17.83	17.80		
1.4	QPSK	6	0	17.83	17.90	17.81	19	0
1.4	16QAM	1	0	17.86	17.88	17.84	19	0
1.4	16QAM	1	3	17.83	17.81	17.84		
1.4	16QAM	1	5	17.82	17.82	17.86		
1.4	16QAM	3	0	17.85	17.83	17.77	19	0
1.4	16QAM	3	1	17.76	17.82	17.78		
1.4	16QAM	3	3	17.77	17.87	17.81		
1.4	16QAM	6	0	17.79	17.86	17.77	19	0
1.4	64QAM	1	0	17.86	17.85	17.77	19	0
1.4	64QAM	1	3	17.76	17.86	17.84		
1.4	64QAM	1	5	17.76	17.89	17.81		
1.4	64QAM	3	0	17.80	17.84	17.78	19	0
1.4	64QAM	3	1	17.81	17.85	17.78		
1.4	64QAM	3	3	17.81	17.78	17.76		
1.4	64QAM	6	0	17.75	17.87	17.78	19	0
1.4	256QAM	1	0	17.84	17.89	17.83	19	0
1.4	256QAM	1	3	17.84	17.86	17.83		
1.4	256QAM	1	5	17.77	17.90	17.85		
1.4	256QAM	3	0	17.83	17.88	17.77	19	0
1.4	256QAM	3	1	17.84	17.87	17.82		
1.4	256QAM	3	3	17.83	17.84	17.83		
1.4	256QAM	6	0	17.83	17.84	17.82	19	0

Band 7 DSI 2 Ant 4									
BW [MHz]	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	17.44	17.48	17.39	18.5	0	
20	QPSK	1	49	17.39	17.35	17.32			
20	QPSK	1	99	17.43	17.36	17.38			
20	QPSK	50	0	17.42	17.46	17.39	18.5	0	
20	QPSK	50	24	17.38	17.37	17.39			
20	QPSK	50	50	17.41	17.45	17.37			
20	QPSK	100	0	17.38	17.45	17.42	18.5	0	
20	16QAM	1	0	17.39	17.35	17.37			
20	16QAM	1	49	17.40	17.36	17.43			
20	16QAM	1	99	17.37	17.45	17.42	18.5	0	
20	16QAM	50	0	17.37	17.39	17.37			
20	16QAM	50	24	17.42	17.37	17.41			
20	16QAM	50	50	17.38	17.40	17.44	18.5	0	
20	16QAM	100	0	17.41	17.42	17.35			
20	64QAM	1	0	17.42	17.34	17.43			
20	64QAM	1	49	17.33	17.39	17.38	18.5	0	
20	64QAM	1	99	17.39	17.36	17.39			
20	64QAM	50	0	17.42	17.43	17.38			
20	64QAM	50	24	17.33	17.41	17.43	18.5	0	
20	64QAM	50	50	17.34	17.38	17.34			
20	64QAM	100	0	17.38	17.39	17.35			
20	256QAM	1	0	17.33	17.42	17.40	18.5	0	
20	256QAM	1	49	17.34	17.41	17.38			
20	256QAM	1	99	17.44	17.43	17.39			
20	256QAM	50	0	17.33	17.35	17.34	18.5	0	
20	256QAM	50	24	17.43	17.42	17.38			
20	256QAM	50	50	17.41	17.36	17.39			
20	256QAM	100	0	17.34	17.36	17.36			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	17.35	17.40	17.37	18.5	0	
15	QPSK	1	37	17.39	17.42	17.35			
15	QPSK	1	74	17.36	17.42	17.34			
15	QPSK	36	0	17.33	17.42	17.34	18.5	0	
15	QPSK	36	20	17.36	17.44	17.37			
15	QPSK	36	39	17.35	17.41	17.32			
15	QPSK	75	0	17.43	17.43	17.33	18.5	0	
15	16QAM	1	0	17.37	17.35	17.36			
15	16QAM	1	37	17.36	17.40	17.32			
15	16QAM	1	74	17.35	17.45	17.42	18.5	0	
15	16QAM	36	0	17.35	17.35	17.37			
15	16QAM	36	20	17.42	17.42	17.35			
15	16QAM	36	39	17.42	17.44	17.34	18.5	0	
15	16QAM	75	0	17.39	17.42	17.43			
15	64QAM	1	0	17.44	17.40	17.32			
15	64QAM	1	37	17.33	17.40	17.37	18.5	0	
15	64QAM	1	74	17.40	17.38	17.42			
15	64QAM	36	0	17.42	17.42	17.44			
15	64QAM	36	20	17.34	17.44	17.41	18.5	0	
15	64QAM	36	39	17.37	17.35	17.40			
15	64QAM	75	0	17.35	17.44	17.43			
15	256QAM	1	0	17.43	17.38	17.42	18.5	0	
15	256QAM	1	37	17.42	17.34	17.37			
15	256QAM	1	74	17.32	17.40	17.36			
15	256QAM	36	0	17.36	17.36	17.40	18.5	0	
15	256QAM	36	20	17.43	17.39	17.37			
15	256QAM	36	39	17.40	17.45	17.34			
15	256QAM	75	0	17.38	17.42	17.36			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	17.38	17.36	17.38	18.5	0	
10	QPSK	1	25	17.33	17.35	17.41			
10	QPSK	1	49	17.33	17.44	17.35			
10	QPSK	25	0	17.44	17.37	17.38	18.5	0	
10	QPSK	25	12	17.35	17.46	17.41			
10	QPSK	25	25	17.42	17.40	17.41			
10	QPSK	50	0	17.42	17.41	17.33	18.5	0	
10	16QAM	1	0	17.39	17.41	17.35			
10	16QAM	1	25	17.35	17.43	17.32			
10	16QAM	1	49	17.40	17.46	17.38	18.5	0	
10	16QAM	25	0	17.33	17.37	17.37			
10	16QAM	25	12	17.32	17.40	17.39			
10	16QAM	25	25	17.34	17.44	17.38	18.5	0	
10	16QAM	50	0	17.38	17.46	17.43			
10	64QAM	1	0	17.32	17.42	17.38			
10	64QAM	1	25	17.38	17.41	17.35	18.5	0	
10	64QAM	1	49	17.40	17.34	17.34			
10	64QAM	25	0	17.43	17.39	17.41			
10	64QAM	25	12	17.43	17.46	17.37	18.5	0	
10	64QAM	25	25	17.43	17.39	17.36			
10	64QAM	50	0	17.37	17.42	17.37			
10	256QAM	1	0	17.38	17.46	17.42	18.5	0	
10	256QAM	1	25	17.34	17.42	17.41			
10	256QAM	1	49	17.34	17.40	17.34			
10	256QAM	25	0	17.36	17.43	17.41	18.5	0	
10	256QAM	25	12	17.36	17.34	17.43			
10	256QAM	25	25	17.43	17.36	17.36			
10	256QAM	50	0	17.41	17.34	17.36			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	17.36	17.39	17.32	18.5	0	
5	QPSK	1	12	17.37	17.37	17.38			
5	QPSK	1	24	17.43	17.41	17.37			
5	QPSK	12	0	17.34	17.45	17.38	18.5	0	
5	QPSK	12	7	17.39	17.40	17.35			
5	QPSK	12	13	17.41	17.40	17.35			
5	QPSK	25	0	17.36	17.37	17.40	18.5	0	
5	16QAM	1	0	17.37	17.40	17.39			
5	16QAM	1	12	17.34	17.42	17.41			
5	16QAM	1	24	17.36	17.45	17.35	18.5	0	
5	16QAM	12	0	17.37	17.42	17.38			
5	16QAM	12	7	17.33	17.34	17.37			
5	16QAM	12	13	17.42	17.46	17.43	18.5	0	
5	16QAM	25	0	17.42	17.38	17.42			
5	64QAM	1	0	17.38	17.42	17.38			
5	64QAM	1	12	17.38	17.35	17.33	18.5	0	
5	64QAM	1	24	17.40	17.44	17.36			
5	64QAM	12	0	17.42	17.44	17.32			
5	64QAM	12	7	17.44	17.40	17.37	18.5	0	
5	64QAM	12	13	17.43	17.44	17.33			
5	64QAM	25	0	17.34	17.42	17.38			
5	256QAM	1	0	17.41	17.37	17.35	18.5	0	
5	256QAM	1	12	17.36	17.35	17.40			
5	256QAM	1	24	17.37	17.40	17.36			
5	256QAM	12	0	17.43	17.37	17.41	18.5	0	
5	256QAM	12	7	17.42	17.37	17.42			
5	256QAM	12	13	17.38	17.36	17.37			
5	256QAM	25	0	17.36	17.45	17.40			

Band 42 DSI 2 Ant 4								
BW [MHz]	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	17.92	17.95	17.93	19	0
20	QPSK	1	49	17.87	17.86	17.81		
20	QPSK	1	99	17.82	17.79	17.86	19	0
20	QPSK	50	0	17.91	17.93	17.87		
20	QPSK	50	24	17.91	17.83	17.90	19	0
20	QPSK	50	50	17.92	17.86	17.85		
20	QPSK	100	0	17.90	17.91	17.89	19	0
20	16QAM	1	0	17.88	17.84	17.89		
20	16QAM	1	49	17.90	17.89	17.90	19	0
20	16QAM	1	99	17.91	17.91	17.89		
20	16QAM	50	0	17.86	17.81	17.83	19	0
20	16QAM	50	24	17.88	17.87	17.89		
20	16QAM	50	50	17.83	17.79	17.79	19	0
20	16QAM	100	0	17.82	17.80	17.81		
20	64QAM	1	0	17.91	17.84	17.84	19	0
20	64QAM	1	49	17.87	17.90	17.80		
20	64QAM	1	99	17.86	17.82	17.82	19	0
20	64QAM	50	0	17.87	17.80	17.87		
20	64QAM	50	24	17.86	17.91	17.87	19	0
20	64QAM	50	50	17.83	17.87	17.90		
20	64QAM	100	0	17.88	17.90	17.89	19	0
20	256QAM	1	0	17.86	17.90	17.85		
20	256QAM	1	49	17.91	17.81	17.80	19	0
20	256QAM	1	99	17.81	17.90	17.86		
20	256QAM	50	0	17.92	17.83	17.81	19	0
20	256QAM	50	24	17.90	17.89	17.83		
20	256QAM	50	50	17.89	17.87	17.86	19	0
20	256QAM	100	0	17.90	17.85	17.83		
Channel				42165	42590	43015		
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.82	17.89	17.85	19	0
15	QPSK	1	37	17.90	17.90	17.80		
15	QPSK	1	74	17.91	17.85	17.87	19	0
15	QPSK	36	0	17.91	17.88	17.87		
15	QPSK	36	20	17.82	17.85	17.84	19	0
15	QPSK	36	39	17.82	17.84	17.84		
15	QPSK	75	0	17.86	17.90	17.81	19	0
15	16QAM	1	0	17.88	17.80	17.79		
15	16QAM	1	37	17.90	17.90	17.84	19	0
15	16QAM	1	74	17.84	17.86	17.83		
15	16QAM	36	0	17.92	17.79	17.90	19	0
15	16QAM	36	20	17.91	17.90	17.87		
15	16QAM	36	39	17.90	17.82	17.89	19	0
15	16QAM	75	0	17.90	17.88	17.85		
15	64QAM	1	0	17.86	17.83	17.80	19	0
15	64QAM	1	37	17.86	17.88	17.86		
15	64QAM	1	74	17.81	17.89	17.79	19	0
15	64QAM	36	0	17.86	17.80	17.89		
15	64QAM	36	20	17.87	17.86	17.84	19	0
15	64QAM	36	39	17.86	17.79	17.81		
15	64QAM	75	0	17.82	17.91	17.90	19	0
15	256QAM	1	0	17.87	17.89	17.81		
15	256QAM	1	37	17.91	17.83	17.87	19	0
15	256QAM	1	74	17.86	17.81	17.83		
15	256QAM	36	0	17.90	17.80	17.83	19	0
15	256QAM	36	20	17.81	17.85	17.88		
15	256QAM	36	39	17.87	17.87	17.79	19	0
15	256QAM	75	0	17.85	17.87	17.83		
Channel				42140	42590	43040		
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.92	17.86	17.82	19	0
10	QPSK	1	25	17.92	17.89	17.89		
10	QPSK	1	49	17.84	17.89	17.90	19	0
10	QPSK	25	0	17.93	17.91	17.85		
10	QPSK	25	12	17.81	17.89	17.83	19	0
10	QPSK	25	25	17.82	17.85	17.83		
10	QPSK	50	0	17.83	17.82	17.84	19	0
10	16QAM	1	0	17.92	17.79	17.88		
10	16QAM	1	25	17.85	17.87	17.80	19	0
10	16QAM	1	49	17.91	17.82	17.79		
10	16QAM	25	0	17.88	17.80	17.84	19	0
10	16QAM	25	12	17.89	17.84	17.90		
10	16QAM	25	25	17.89	17.80	17.90	19	0
10	16QAM	50	0	17.84	17.90	17.86		
10	64QAM	1	0	17.92	17.79	17.89	19	0
10	64QAM	1	25	17.83	17.90	17.85		
10	64QAM	1	49	17.81	17.82	17.91	19	0
10	64QAM	25	0	17.88	17.88	17.86		
10	64QAM	25	12	17.83	17.89	17.84	19	0
10	64QAM	25	25	17.83	17.90	17.85		
10	64QAM	50	0	17.85	17.86	17.83	19	0
10	256QAM	1	0	17.88	17.80	17.84		
10	256QAM	1	25	17.84	17.80	17.83	19	0
10	256QAM	1	49	17.91	17.82	17.91		
10	256QAM	25	0	17.90	17.80	17.87	19	0
10	256QAM	25	12	17.86	17.84	17.88		
10	256QAM	25	25	17.88	17.87	17.91	19	0
10	256QAM	50	0	17.91	17.88	17.90		
Channel				42115	42590	43065		
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.86	17.91	17.81	19	0
5	QPSK	1	12	17.92	17.90	17.83		
5	QPSK	1	24	17.90	17.87	17.83	19	0
5	QPSK	12	0	17.82	17.81	17.86		
5	QPSK	12	7	17.90	17.85	17.88	19	0
5	QPSK	12	13	17.82	17.84	17.81		
5	QPSK	25	0	17.88	17.84	17.91	19	0
5	16QAM	1	0	17.90	17.90	17.91		
5	16QAM	1	12	17.90	17.90	17.83	19	0
5	16QAM	1	24	17.91	17.89	17.82		
5	16QAM	12	0	17.84	17.90	17.84	19	0
5	16QAM	12	7	17.84	17.83	17.86		
5	16QAM	12	13	17.85	17.81	17.90	19	0
5	16QAM	25	0	17.90	17.89	17.82		
5	64QAM	1	0	17.92	17.84	17.80	19	0
5	64QAM	1	12	17.88	17.87	17.81		
5	64QAM	1	24	17.82	17.85	17.84	19	0
5	64QAM	12	0	17.84	17.87	17.81		
5	64QAM	12	7	17.82	17.89	17.86	19	0
5	64QAM	12	13	17.90	17.89	17.79		
5	64QAM	25	0	17.87	17.88	17.84	19	0
5	256QAM	1	0	17.88	17.83	17.91		
5	256QAM	1	12	17.88	17.90	17.86	19	0
5	256QAM	1	24	17.83	17.86	17.85		
5	256QAM	12	0	17.93	17.80	17.83	19	0
5	256QAM	12	7	17.83	17.83	17.86		
5	256QAM	12	13	17.88	17.91	17.80	19	0
5	256QAM	25	0	17.91	17.84	17.90		

Band 7 DSI 2 Ant 6 ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	24.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.86	22.88	22.82	24.5	0	
20	QPSK	1	49	22.79	22.83	22.73			
20	QPSK	1	99	22.74	22.79	22.70			
20	QPSK	50	0	21.81	21.94	21.79	23.5	1	
20	QPSK	50	24	21.79	21.86	21.71			
20	QPSK	50	50	21.74	21.73	21.71			
20	QPSK	100	0	21.88	21.90	21.87	23.5	1	
20	16QAM	1	0	21.82	21.89	21.85			
20	16QAM	1	49	21.79	21.77	21.77			
20	16QAM	1	99	21.71	21.75	21.66	22.5	2	
20	16QAM	50	0	20.80	20.91	20.81			
20	16QAM	50	24	20.73	20.84	20.74			
20	16QAM	50	50	20.74	20.70	20.76	22.5	2	
20	16QAM	100	0	20.87	20.95	20.87			
20	64QAM	1	0	20.82	20.85	20.80			
20	64QAM	1	49	20.76	20.75	20.81	22.5	2	
20	64QAM	1	99	20.76	20.76	20.61			
20	64QAM	50	0	19.84	19.92	19.82			
20	64QAM	50	24	19.81	19.87	19.76	21.5	3	
20	64QAM	50	50	19.73	19.73	19.65			
20	64QAM	100	0	19.92	19.93	19.90			
20	256QAM	1	0	17.86	17.88	17.82	19.5	5	
20	256QAM	1	49	17.79	17.83	17.73			
20	256QAM	1	99	17.74	17.79	17.70			
20	256QAM	50	0	17.81	17.94	17.79	19.5	5	
20	256QAM	50	24	17.79	17.86	17.71			
20	256QAM	50	50	17.74	17.73	17.71			
20	256QAM	100	0	17.88	17.90	17.87	24.5	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	24.5	0	
15	QPSK	1	0	22.83	22.77	22.78			
15	QPSK	1	37	22.76	22.75	22.64	23.5	1	
15	QPSK	1	74	22.62	22.66	22.63			
15	QPSK	36	0	21.74	21.89	21.72			
15	QPSK	36	20	21.75	21.83	21.67	23.5	1	
15	QPSK	36	39	21.71	21.67	21.68			
15	QPSK	75	0	21.80	21.78	21.83			
15	16QAM	1	0	21.76	21.83	21.81	23.5	1	
15	16QAM	1	37	21.65	21.63	21.67			
15	16QAM	1	74	21.61	21.71	21.53			
15	16QAM	36	0	20.74	20.87	20.71	22.5	2	
15	16QAM	36	20	20.62	20.77	20.69			
15	16QAM	36	39	20.70	20.63	20.69			
15	16QAM	75	0	20.73	20.92	20.79	22.5	2	
15	64QAM	1	0	20.74	20.80	20.77			
15	64QAM	1	37	20.74	20.71	20.69			
15	64QAM	1	74	20.72	20.63	20.54	21.5	3	
15	64QAM	36	0	19.70	19.85	19.68			
15	64QAM	36	20	19.79	19.84	19.70			
15	64QAM	36	39	19.62	19.60	19.52	19.5	5	
15	64QAM	75	0	19.85	19.90	19.88			
15	256QAM	1	0	17.83	17.77	17.78			
15	256QAM	1	37	17.76	17.75	17.64	19.5	5	
15	256QAM	1	74	17.62	17.66	17.63			
15	256QAM	36	0	17.74	17.89	17.72			
15	256QAM	36	20	17.75	17.83	17.67	19.5	5	
15	256QAM	36	39	17.71	17.67	17.68			
15	256QAM	75	0	17.80	17.78	17.83			
Channel				20800	21100	21400	24.5	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.83	22.77	22.78	24.5	0	
10	QPSK	1	25	22.76	22.74	22.66			
10	QPSK	1	49	22.66	22.75	22.57			
10	QPSK	25	0	21.77	21.90	21.73	23.5	1	
10	QPSK	25	12	21.65	21.77	21.67			
10	QPSK	25	25	21.66	21.60	21.62			
10	QPSK	50	0	21.77	21.88	21.76	23.5	1	
10	16QAM	1	0	21.68	21.81	21.73			
10	16QAM	1	25	21.71	21.69	21.73			
10	16QAM	1	49	21.62	21.69	21.62	22.5	2	
10	16QAM	25	0	20.75	20.87	20.74			
10	16QAM	25	12	20.61	20.77	20.67			
10	16QAM	25	25	20.64	20.56	20.73	22.5	2	
10	16QAM	50	0	20.78	20.86	20.79			
10	64QAM	1	0	20.72	20.73	20.78			
10	64QAM	1	25	20.70	20.72	20.72	21.5	3	
10	64QAM	1	49	20.73	20.72	20.72			
10	64QAM	25	0	19.74	19.79	19.73			
10	64QAM	25	12	19.79	19.79	19.71	19.5	5	
10	64QAM	25	25	19.66	19.67	19.55			
10	64QAM	50	0	19.82	19.88	19.82			
10	256QAM	1	0	17.83	17.77	17.78	19.5	5	
10	256QAM	1	25	17.78	17.74	17.68			
10	256QAM	1	49	17.66	17.75	17.57			
10	256QAM	25	0	17.77	17.90	17.73	19.5	5	
10	256QAM	25	12	17.65	17.77	17.67			
10	256QAM	25	25	17.66	17.60	17.62			
10	256QAM	50	0	17.77	17.88	17.76	24.5	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	24.5	0	
5	QPSK	1	0	22.77	22.79	22.68			
5	QPSK	1	12	22.72	22.75	22.61	23.5	1	
5	QPSK	1	24	22.60	22.76	22.57			
5	QPSK	12	0	21.73	21.80	21.76			
5	QPSK	12	7	21.70	21.72	21.68	23.5	1	
5	QPSK	12	13	21.68	21.60	21.65			
5	QPSK	25	0	21.74	21.78	21.77			
5	16QAM	1	0	21.70	21.77	21.81	23.5	1	
5	16QAM	1	12	21.76	21.67	21.73			
5	16QAM	1	24	21.62	21.61	21.59			
5	16QAM	12	0	20.71	20.78	20.72	22.5	2	
5	16QAM	12	7	20.68	20.80	20.70			
5	16QAM	12	13	20.70	20.62	20.66			
5	16QAM	25	0	20.76	20.88	20.80	22.5	2	
5	64QAM	1	0	20.80	20.79	20.67			
5	64QAM	1	12	20.66	20.61	20.76			
5	64QAM	1	24	20.63	20.67	20.59	21.5	3	
5	64QAM	12	0	19.80	19.84	19.70			
5	64QAM	12	7	19.77	19.79	19.67			
5	64QAM	12	13	19.67	19.61	19.53	19.5	5	
5	64QAM	25	0	19.88	19.89	19.84			
5	256QAM	1	0	17.77	17.79	17.68			
5	256QAM	1	12	17.72	17.75	17.61	19.5	5	
5	256QAM	1	24	17.60	17.76	17.57			
5	256QAM	12	0	17.73	17.80	17.76			
5	256QAM	12	7	17.70	17.72	17.68	19.5	5	
5	256QAM	12	13	17.68	17.60	17.65			
5	256QAM	25	0	17.74	17.78	17.77			

Band 42 DSI 2 Ant 8 ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	19.56	19.65	19.58	20.5	0	
20	QPSK	1	49	19.50	19.62	19.58			
20	QPSK	1	99	19.53	19.58	19.60			
20	QPSK	50	0	19.52	19.62	19.49	20.5	0	
20	QPSK	50	24	19.52	19.54	19.51			
20	QPSK	50	50	19.57	19.54	19.54			
20	QPSK	100	0	19.53	19.60	19.53	20.5	0	
20	16QAM	1	0	19.59	19.62	19.53			
20	16QAM	1	49	19.60	19.64	19.60			
20	16QAM	1	99	19.56	19.52	19.61	20.5	0	
20	16QAM	50	0	19.52	19.61	19.52			
20	16QAM	50	24	19.49	19.52	19.55			
20	16QAM	50	50	19.55	19.63	19.56	20.5	0	
20	16QAM	100	0	19.49	19.60	19.54			
20	64QAM	1	0	19.60	19.55	19.52			
20	64QAM	1	49	19.59	19.52	19.54	20.5	0	
20	64QAM	1	99	19.53	19.52	19.49			
20	64QAM	50	0	19.51	19.57	19.57			
20	64QAM	50	24	19.58	19.64	19.54	20.5	0	
20	64QAM	50	50	19.53	19.62	19.57			
20	64QAM	100	0	19.54	19.56	19.58			
20	256QAM	1	0	17.36	17.48	17.39	18	2.5	
20	256QAM	1	49	17.24	17.38	17.35			
20	256QAM	1	99	17.26	17.35	17.35			
20	256QAM	50	0	17.30	17.53	17.44	18	2.5	
20	256QAM	50	24	17.29	17.36	17.37			
20	256QAM	50	50	17.30	17.32	17.40			
20	256QAM	100	0	17.41	17.48	17.37			
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5	Tune-up limit	MPR (dB)	
15	QPSK	1	0	19.57	19.58	19.61	20.5	0	
15	QPSK	1	37	19.54	19.62	19.60			
15	QPSK	1	74	19.49	19.53	19.59			
15	QPSK	36	0	19.60	19.59	19.60	20.5	0	
15	QPSK	36	20	19.59	19.59	19.61			
15	QPSK	36	39	19.59	19.61	19.53			
15	QPSK	75	0	19.59	19.52	19.57	20.5	0	
15	16QAM	1	0	19.50	19.62	19.57			
15	16QAM	1	37	19.58	19.59	19.53			
15	16QAM	1	74	19.54	19.62	19.58	20.5	0	
15	16QAM	36	0	19.60	19.54	19.58			
15	16QAM	36	20	19.60	19.61	19.53			
15	16QAM	36	39	19.60	19.64	19.52	20.5	0	
15	16QAM	75	0	19.54	19.63	19.60			
15	64QAM	1	0	19.58	19.62	19.57			
15	64QAM	1	37	19.58	19.59	19.55	20.5	0	
15	64QAM	1	74	19.53	19.58	19.59			
15	64QAM	36	0	19.58	19.59	19.59			
15	64QAM	36	20	19.50	19.58	19.60	20.5	0	
15	64QAM	36	39	19.53	19.53	19.53			
15	64QAM	75	0	19.49	19.57	19.53			
15	256QAM	1	0	17.04	17.15	17.09	18	2.5	
15	256QAM	1	37	17.00	17.11	17.11			
15	256QAM	1	74	16.98	17.05	17.03			
15	256QAM	36	0	16.98	17.20	17.14	18	2.5	
15	256QAM	36	20	16.98	17.08	17.08			
15	256QAM	36	39	17.02	17.03	17.13			
15	256QAM	75	0	17.14	17.23	17.10			
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545	Tune-up limit	MPR (dB)	
10	QPSK	1	0	19.59	19.61	19.50	20.5	0	
10	QPSK	1	25	19.58	19.59	19.58			
10	QPSK	1	49	19.51	19.60	19.58			
10	QPSK	25	0	19.58	19.61	19.56	20.5	0	
10	QPSK	25	12	19.54	19.55	19.56			
10	QPSK	25	25	19.55	19.56	19.51			
10	QPSK	50	0	19.60	19.55	19.60	20.5	0	
10	16QAM	1	0	19.51	19.57	19.50			
10	16QAM	1	25	19.56	19.63	19.49			
10	16QAM	1	49	19.60	19.58	19.58	20.5	0	
10	16QAM	25	0	19.50	19.52	19.59			
10	16QAM	25	12	19.54	19.64	19.61			
10	16QAM	25	25	19.60	19.57	19.56	20.5	0	
10	16QAM	50	0	19.59	19.53	19.60			
10	64QAM	1	0	19.52	19.55	19.52			
10	64QAM	1	25	19.60	19.53	19.56	20.5	0	
10	64QAM	1	49	19.50	19.54	19.51			
10	64QAM	25	0	19.54	19.53	19.61			
10	64QAM	25	12	19.54	19.58	19.50	20.5	0	
10	64QAM	25	25	19.57	19.61	19.52			
10	64QAM	50	0	19.54	19.52	19.59			
10	256QAM	1	0	16.89	17.02	16.89	18	2.5	
10	256QAM	1	25	16.75	16.94	16.93			
10	256QAM	1	49	16.81	16.89	16.86			
10	256QAM	25	0	16.83	17.03	17.00	18	2.5	
10	256QAM	25	12	16.79	16.88	16.83			
10	256QAM	25	25	16.78	16.86	16.90			
10	256QAM	50	0	16.97	16.96	16.84			
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5	Tune-up limit	MPR (dB)	
5	QPSK	1	0	19.50	19.59	19.57	20.5	0	
5	QPSK	1	12	19.49	19.61	19.49			
5	QPSK	1	24	19.54	19.53	19.54			
5	QPSK	12	0	19.55	19.57	19.58	20.5	0	
5	QPSK	12	7	19.53	19.54	19.58			
5	QPSK	12	13	19.58	19.58	19.60			
5	QPSK	25	0	19.51	19.61	19.54	20.5	0	
5	16QAM	1	0	19.50	19.57	19.57			
5	16QAM	1	12	19.53	19.63	19.51			
5	16QAM	1	24	19.53	19.57	19.56	20.5	0	
5	16QAM	12	0	19.54	19.61	19.52			
5	16QAM	12	7	19.58	19.62	19.59			
5	16QAM	12	13	19.51	19.55	19.60	20.5	0	
5	16QAM	25	0	19.53	19.59	19.56			
5	64QAM	1	0	19.56	19.61	19.58			
5	64QAM	1	12	19.58	19.63	19.61	20.5	0	
5	64QAM	1	24	19.53	19.60	19.55			
5	64QAM	12	0	19.53	19.57	19.60			
5	64QAM	12	7	19.58	19.64	19.54	20.5	0	
5	64QAM	12	13	19.59	19.56	19.57			
5	64QAM	25	0	19.52	19.54	19.53			
5	256QAM	1	0	17.07	17.18	17.16	18	2.5	
5	256QAM	1	12	16.97	17.05	17.12			
5	256QAM	1	24	16.99	17.12	17.09			
5	256QAM	12	0	16.99	17.30	17.11	18	2.5	
5	256QAM	12	7	16.99	17.04	17.09			
5	256QAM	12	13	17.00	17.08	17.11			
5	256QAM	25	0	17.08	17.26	17.14			

ReviewerReduced Power Mode for DSI 4

GSM850 DSI 4 Ant 0									
GSM850 Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251			128	189	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		30.00	29.94	29.94	31.00	21.00	20.94	20.94	22.00
GPRS 1 Tx slot		29.51	29.90	29.93	31.00	20.51	20.90	20.93	22.00
GPRS 2 Tx slots		28.46	28.14	28.26	29.00	22.46	22.14	22.26	23.00
GPRS 3 Tx slots		26.61	26.82	26.98	28.00	22.35	22.56	22.72	23.74
GPRS 4 Tx slots		25.94	26.12	26.07	27.00	22.94	23.12	23.07	24.00
EDGE 1 Tx slot		25.39	25.45	25.42	27.00	16.39	16.45	16.42	18.00
EDGE 2 Tx slots		25.43	25.39	25.38	26.00	19.43	19.39	19.38	20.00
EDGE 3 Tx slots		23.62	23.73	23.68	25.00	19.36	19.47	19.42	20.74
EDGE 4 Tx slots		21.75	21.71	21.57	23.00	18.75	18.71	18.57	20.00

WCDMA V DSI 4 Ant 0														
Band		WCDMA V			Tune-up Limit (dBm)									
TX Channel		4132	4182	4233										
Rx Channel		4357	4407	4458										
Frequency (MHz)		826.4	836.4	846.6										
3GPP Rel 99	AMR 12.2Kbps	22.74	22.72	22.71	22.70	24.00								
3GPP Rel 99	RM 12.2Kbps	22.79	22.84	22.88	22.88	24.00								
3GPP Rel 6	HSDPA Subtest-1	21.80	21.89	21.74	23.00									
3GPP Rel 6	HSDPA Subtest-2	21.84	21.82	21.74	23.00									
3GPP Rel 6	HSDPA Subtest-3	21.31	21.29	21.20	22.50									
3GPP Rel 6	HSDPA Subtest-4	21.32	21.47	21.28	22.50									
3GPP Rel 8	DC-HSDPA Subtest-1	21.79	21.91	21.65	23.00									
3GPP Rel 8	DC-HSDPA Subtest-2	21.88	21.85	21.72	23.00									
3GPP Rel 8	DC-HSDPA Subtest-3	21.22	21.43	21.17	22.50									
3GPP Rel 8	DC-HSDPA Subtest-4	21.21	21.30	21.26	22.50									
3GPP Rel 6	HSUPA Subtest-1	21.81	21.87	21.79	23.00									
3GPP Rel 6	HSUPA Subtest-2	19.83	19.89	19.85	21.00									
3GPP Rel 6	HSUPA Subtest-3	20.78	20.88	20.68	22.00									
3GPP Rel 6	HSUPA Subtest-4	19.85	19.97	19.89	21.00									
3GPP Rel 6	HSUPA Subtest-5	21.89	21.85	21.63	23.00									

Band 26 DSI 4 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26705	26865	26995			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.04	23.15	23.09			
15	QPSK	1	37	22.94	23.09	22.98	24.5	0	
15	QPSK	1	74	22.99	23.07	23.06			
15	QPSK	36	0	22.07	22.17	22.04			
15	QPSK	36	20	21.97	22.06	22.00	23.5	1	
15	QPSK	36	39	21.95	22.08	22.01			
15	QPSK	75	0	21.98	22.15	21.93			
15	16QAM	1	0	22.03	22.11	21.98			
15	16QAM	1	37	21.94	21.97	21.90	23.5	1	
15	16QAM	1	74	21.85	21.96	21.95			
15	16QAM	36	0	21.09	21.22	21.01			
15	16QAM	36	20	20.99	21.01	21.01	22.5	2	
15	16QAM	36	39	20.89	21.10	21.04			
15	16QAM	75	0	20.98	21.14	20.93			
15	64QAM	1	0	21.06	21.17	21.01			
15	64QAM	1	37	20.98	20.91	20.89	22.5	2	
15	64QAM	1	74	20.91	20.98	20.96			
15	64QAM	36	0	20.09	20.13	20.07			
15	64QAM	36	20	19.97	20.09	20.01	21.5	3	
15	64QAM	36	39	19.92	20.08	19.98			
15	64QAM	75	0	20.01	20.15	19.98			
15	256QAM	1	0	18.04	18.15	18.09			
15	256QAM	1	37	17.94	18.09	17.98	19.5	5	
15	256QAM	1	74	17.99	18.07	18.06			
15	256QAM	36	0	18.03	18.13	18.00			
15	256QAM	36	20	17.93	18.02	17.96	19.5	5	
15	256QAM	36	39	17.91	18.04	17.97			
15	256QAM	75	0	17.94	18.11	17.89			
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	22.98	23.07	23.05			
10	QPSK	1	25	22.87	22.97	22.89	24.5	0	
10	QPSK	1	49	22.92	22.99	23.05			
10	QPSK	25	0	22.06	22.07	21.97			
10	QPSK	25	12	21.88	21.94	21.95	23.5	1	
10	QPSK	25	25	21.86	21.98	21.99			
10	QPSK	50	0	21.93	22.04	21.93			
10	16QAM	1	0	21.99	22.08	21.94			
10	16QAM	1	25	21.92	21.92	21.88	23.5	1	
10	16QAM	1	49	21.80	21.84	21.86			
10	16QAM	25	0	20.99	21.13	20.95			
10	16QAM	25	12	20.94	20.95	20.95	22.5	2	
10	16QAM	25	25	20.79	21.01	20.96			
10	16QAM	50	0	20.94	21.11	20.92			
10	64QAM	1	0	21.05	21.09	20.92			
10	64QAM	1	25	20.89	20.84	20.83	22.5	2	
10	64QAM	1	49	20.84	20.86	20.86			
10	64QAM	25	0	20.00	20.05	19.95			
10	64QAM	25	12	19.91	20.02	19.90	21.5	3	
10	64QAM	25	25	19.89	20.03	19.93			
10	64QAM	50	0	19.91	20.06	19.95			
10	256QAM	1	0	17.86	18.07	18.05			
10	256QAM	1	25	17.87	17.97	17.89	19.5	5	
10	256QAM	1	49	17.92	17.99	18.05			
10	256QAM	25	0	18.06	18.07	17.97			
10	256QAM	25	12	17.86	17.94	17.95	19.5	5	
10	256QAM	25	25	17.86	17.98	17.99			
10	256QAM	50	0	17.93	18.04	17.83			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	22.97	23.01	22.96			
5	QPSK	1	12	22.88	23.07	22.85	24.5	0	
5	QPSK	1	24	22.91	22.99	23.01			
5	QPSK	12	0	22.05	22.05	21.91			
5	QPSK	12	7	21.84	21.95	21.96	23.5	1	
5	QPSK	12	13	21.83	21.97	21.94			
5	QPSK	25	0	21.95	22.03	21.84			
5	16QAM	1	0	22.01	22.08	21.87			
5	16QAM	1	12	21.91	21.96	21.88	23.5	1	
5	16QAM	1	24	21.78	21.90	21.86			
5	16QAM	12	0	20.97	21.10	20.90			
5	16QAM	12	7	20.91	20.88	20.92	22.5	2	
5	16QAM	12	13	20.84	20.97	21.01			
5	16QAM	25	0	20.98	21.12	20.83			
5	64QAM	1	0	21.01	21.07	20.97			
5	64QAM	1	12	20.85	20.89	20.87	22.5	2	
5	64QAM	1	24	20.06	20.89	20.85			
5	64QAM	12	0	20.05	20.11	20.02			
5	64QAM	12	7	19.85	20.08	19.88	21.5	3	
5	64QAM	12	13	19.91	19.98	19.92			
5	64QAM	25	0	19.98	20.03	19.89			
5	256QAM	1	0	17.97	18.01	17.96			
5	256QAM	1	12	17.87	18.07	17.85	19.5	5	
5	256QAM	1	24	17.91	17.99	18.01			
5	256QAM	12	0	17.95	17.95	17.81			
5	256QAM	12	7	17.74	17.85	17.86	19.5	5	
5	256QAM	12	13	17.73	17.87	17.84			
5	256QAM	25	0	17.85	17.93	17.74			
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	22.97	23.07	23.07			
3	QPSK	1	8	22.91	22.97	22.94	24.5	0	
3	QPSK	1	14	22.87	23.00	23.04			
3	QPSK	8	0	22.05	22.12	21.96			
3	QPSK	8	4	21.93	22.02	21.98	23.5	1	
3	QPSK	8	7	21.89	22.02	21.97			
3	QPSK	15	0	21.88	22.05	21.86			
3	16QAM	1	0	21.99	21.99	21.85			
3	16QAM	1	8	21.87	21.95	21.83	23.5	1	
3	16QAM	1	14	21.78	21.90	21.82			
3	16QAM	8	0	20.97	21.12	20.94			
3	16QAM	8	4	20.97	20.90	20.93	22.5	2	
3	16QAM	8	7	20.80	21.01	20.93			
3	16QAM	15	0	20.86	21.04	20.84			
3	64QAM	1	0	20.94	21.08	20.88			
3	64QAM	1	8	20.88	20.88	20.81	22.5	2	
3	64QAM	1	14	20.89	20.86	20.91			
3	64QAM	8	0	19.99	20.03	20.03			
3	64QAM	8	4	19.94	20.06	19.97	21.5	3	
3	64QAM	8	7	19.84	19.95	19.91			
3	64QAM	15	0	19.95	20.11	19.87			
3	256QAM	1	0	17.97	18.07	18.07			
3	256QAM	1	8	17.91	17.97	17.94	19.5	5	
3	256QAM	1	14	17.87	18.00	18.04			
3	256QAM	8	0	17.65	17.72	17.56			
3	256QAM	8	4	17.53	17.62	17.58	19.5	5	
3	256QAM	8	7	17.79	17.92	17.87			
3	256QAM	15	0	17.76	17.95	17.76			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.01	23.02	23.05			
1.4	QPSK	1	3	22.82	23.01	22.89	24.5	0	
1.4	QPSK	1	5	22.87	23.03	22.95			
1.4	QPSK	3	0	23.00	22.94	22.95			
1.4	QPSK	3	1	22.77	23.38	23.32			
1.4	QPSK	3	3	22.84	22.97	22.87			
1.4	QPSK	6	0	21.96	22.09	21.89	23.5	1	
1.4	16QAM	1	0	21.90	22.03	21.90			
1.4	16QAM	1	3	21.88	21.92	21.78			
1.4	16QAM	1	5	21.81	21.95	21.91	23.5	1	
1.4	16QAM	3	0	21.94	21.97	21.81			
1.4	16QAM	3	1	21.84	21.94	21.88			
1.4	16QAM	3	3	21.79	21.87	21.77			
1.4	16QAM	6	0	20.95	21.04	20.90	22.5	2	
1.4	64QAM	1	0	21.02	21.12	20.91			
1.4	64QAM	1	3	20.96	20.86	20.80			
1.4	64QAM	1	5	20.82	20.96	20.88	22.5	2	
1.4	64QAM	3	0	20.85	20.99	20.82			
1.4	64QAM	3	1	20.95	21.09	20.82			
1.4	64QAM	3	3	20.85	20.84	20.78			
1.4	64QAM	6	0	19.91	20.04	19.96	21.5	3	
1.4	256QAM	1	0	18.01	18.02	18.05			
1.4	256QAM	1	3	17.82	18.01	17.89			
1.4	256QAM	1	5	17.87	18.03	17.95			
1.4	256QAM	3	0	18.00	17.94	17.95	19.5	5	
1.4	256QAM	3	1	17.77	17.89	17.82			
1.4	256QAM	3	3	17.84	17.97	17.87			
1.4	256QAM								

GSM1900 DSI 4 Ant 2							
GSM1900 Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		
	512	661	810		512	661	810
TX Channel	1852.2	1862	1909.3		1852.2	1862	1909.3
Frequency (MHz)	1852.2	1862	1909.3		1852.2	1862	1909.3
GSM 1 Tx slot	27.25	27.49	27.26	28.50	18.25	18.49	18.26
GPRS 1 Tx slot	27.24	27.47	27.27	28.50	18.24	18.47	18.27
GPRS 2 Tx slots	24.12	24.23	24.08	25.50	18.12	18.23	18.08
GPRS 3 Tx slots	22.99	22.75	22.87	24.00	18.73	18.49	18.61
GPRS 4 Tx slots	21.36	21.45	21.40	23.00	18.36	18.45	18.40
EDGE 1 Tx slot	27.16	27.41	27.31	28.50	18.16	18.41	18.31
EDGE 2 Tx slots	24.11	24.14	24.13	25.50	18.11	18.14	18.13
EDGE 3 Tx slots	22.45	22.49	22.56	24.00	18.19	18.23	18.30
EDGE 4 Tx slots	20.67	20.72	20.79	22.00	17.67	17.72	17.79

WCDMA II DSI 4 Ant 2				
Band	WCDMA II			Tune-up Limit (dBm)
TX Channel	9262	9400	9538	
Rx Channel	9562	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.64	18.81	18.74
3GPP Rel 99	RMC 12.2Kbps	18.73	18.91	18.78
3GPP Rel 6	HSDPA Subtest-1	17.81	17.85	17.77
3GPP Rel 6	HSDPA Subtest-2	17.68	17.92	17.86
3GPP Rel 6	HSDPA Subtest-3	17.20	17.31	17.27
3GPP Rel 6	HSDPA Subtest-4	17.19	17.25	17.29
3GPP Rel 8	DC-HSDPA Subtest-1	17.66	17.91	17.82
3GPP Rel 8	DC-HSDPA Subtest-2	17.75	17.95	17.90
3GPP Rel 8	DC-HSDPA Subtest-3	17.26	17.51	17.34
3GPP Rel 8	DC-HSDPA Subtest-4	17.27	17.40	17.25
3GPP Rel 6	HSUPA Subtest-1	17.80	17.78	17.80
3GPP Rel 6	HSUPA Subtest-2	15.81	15.81	15.75
3GPP Rel 6	HSUPA Subtest-3	16.63	16.76	16.76
3GPP Rel 6	HSUPA Subtest-4	15.74	15.81	15.80
3GPP Rel 6	HSUPA Subtest-5	17.74	17.82	17.70

Band 2 DSI 4 Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Median Ch./Freq.	Power High Ch./Freq.	Time (up/down)	APR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	18.41	18.55	18.22	20	0		
20	QPSK	1	8	18.41	18.55	18.22	20	0		
20	QPSK	1	16	18.41	18.55	18.22	20	0		
20	QPSK	50	0	18.43	18.43	18.16	20	0		
20	QPSK	50	8	18.43	18.47	18.18	20	0		
20	QPSK	50	16	18.43	18.47	18.18	20	0		
20	QPSK	100	0	18.41	18.43	18.30	20	0		
20	QPSK	100	8	18.34	18.35	18.28	20	0		
20	QPSK	1	40	18.35	18.39	18.28	20	0		
20	QPSK	1	56	18.33	18.32	18.21	20	0		
20	QPSK	50	0	18.30	18.33	18.28	20	0		
20	QPSK	50	24	18.27	18.41	18.25	20	0		
20	QPSK	50	50	18.29	18.37	18.28	20	0		
20	QPSK	100	0	18.30	18.45	18.27	20	0		
20	QPSK	1	0	18.37	18.37	18.27	20	0		
20	QPSK	1	40	18.28	18.45	18.22	20	0		
20	QPSK	50	0	18.38	18.38	18.21	20	0		
20	QPSK	50	24	18.30	18.40	18.36	20	0		
20	QPSK	50	50	18.30	18.33	18.32	20	0		
20	QPSK	100	0	18.34	18.33	18.24	20	0		
20	QPSK	1	0	17.22	17.30	17.21	19	1		
20	QPSK	1	8	17.28	17.43	17.18	19	1		
20	QPSK	1	16	17.38	17.43	17.25	19	1		
20	QPSK	50	0	17.30	17.44	17.13	19	1		
20	QPSK	50	8	17.22	17.44	17.21	19	1		
20	QPSK	50	16	17.22	17.44	17.21	19	1		
20	QPSK	100	0	17.33	17.46	17.28	19	1		
Channel										
Frequency (MHz)										
15	QPSK	1	0	18.23	18.40	18.09	19	0		
15	QPSK	1	8	18.35	18.31	18.06	19	0		
15	QPSK	1	16	18.24	18.12	18.21	19	0		
15	QPSK	36	0	18.28	18.37	18.01	19	0		
15	QPSK	36	8	18.21	18.33	18.04	19	0		
15	QPSK	36	16	18.28	18.32	18.08	19	0		
15	QPSK	75	0	18.28	18.35	18.17	19	0		
15	QPSK	1	0	18.24	18.35	18.18	19	0		
15	QPSK	1	37	18.23	18.28	18.09	19	0		
15	QPSK	1	74	18.17	18.21	18.06	19	0		
15	QPSK	36	0	18.12	18.32	18.22	19	0		
15	QPSK	36	20	18.08	18.32	18.02	19	0		
15	QPSK	36	36	18.10	18.14	18.14	19	0		
15	QPSK	75	0	18.24	18.32	18.18	19	0		
15	QPSK	1	0	18.30	18.24	18.05	19	0		
15	QPSK	1	37	18.15	18.27	18.14	19	0		
15	QPSK	1	74	18.09	18.22	18.17	19	0		
15	QPSK	36	0	18.24	18.16	18.14	19	0		
15	QPSK	36	20	18.11	18.24	18.23	19	0		
15	QPSK	36	36	18.25	18.26	18.15	19	0		
15	QPSK	75	0	18.25	18.24	18.08	19	0		
15	QPSK	1	0	17.23	17.30	17.16	19	0		
15	QPSK	1	37	17.27	17.38	17.02	19	0		
15	QPSK	1	74	17.24	17.26	17.17	19	0		
15	QPSK	36	0	17.18	17.25	17.03	19	0		
15	QPSK	36	20	17.17	17.24	17.15	19	0		
15	QPSK	36	36	17.16	17.19	17.15	19	0		
15	QPSK	75	0	17.13	17.24	17.16	19	0		
Channel										
Frequency (MHz)										
10	QPSK	1	0	18.22	18.42	18.02	20	0		
10	QPSK	1	8	18.33	18.20	18.04	20	0		
10	QPSK	1	16	18.24	18.12	18.20	20	0		
10	QPSK	25	0	18.29	18.35	18.01	20	0		
10	QPSK	25	8	18.21	18.34	18.12	20	0		
10	QPSK	25	16	18.28	18.33	18.15	20	0		
10	QPSK	50	0	18.27	18.28	18.09	20	0		
10	QPSK	1	0	18.18	18.27	18.18	20	0		
10	QPSK	1	25	18.22	18.28	18.13	20	0		
10	QPSK	1	49	18.18	18.17	18.10	20	0		
10	QPSK	25	0	18.15	18.24	18.23	20	0		
10	QPSK	25	12	18.13	18.33	18.14	20	0		
10	QPSK	25	25	18.17	18.17	18.05	20	0		
10	QPSK	50	0	18.30	18.21	18.14	20	0		
10	QPSK	1	0	17.18	17.24	17.00	19	0		
10	QPSK	1	25	17.27	17.38	17.02	19	0		
10	QPSK	1	49	17.34	17.27	17.13	19	0		
10	QPSK	25	0	17.15	17.25	17.04	19	0		
10	QPSK	25	12	17.18	17.28	17.07	19	0		
10	QPSK	25	25	17.25	17.19	17.24	19	0		
10	QPSK	50	0	17.21	17.34	17.16	19	0		
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.19	18.32	18.06	20	0		
5	QPSK	1	8	18.29	18.17	18.05	20	0		
5	QPSK	1	16	18.28	18.16	18.13	20	0		
5	QPSK	1	24	18.28	18.16	18.13	20	0		
5	QPSK	12	0	18.29	18.34	18.11	20	0		
5	QPSK	12	7	18.23	18.34	18.08	20	0		
5	QPSK	12	13	18.29	18.28	18.11	20	0		
5	QPSK	25	0	18.21	18.33	18.13	20	0		
5	QPSK	25	8	18.21	18.28	18.18	20	0		
5	QPSK	25	16	18.17	18.23	18.09	20	0		
5	QPSK	1	12	18.17	18.23	18.09	20	0		
5	QPSK	1	24	18.13	18.19	18.18	20	0		
5	QPSK	12	0	18.18	18.18	18.18	20	0		
5	QPSK	12	7	18.11	18.31	18.05	20	0		
5	QPSK	12	13	18.11	18.22	18.14	20	0		
5	QPSK	25	0	18.28	18.33	18.18	20	0		
5	QPSK	1	0	18.25	18.18	18.13	20	0		
5	QPSK	1	12	18.17	18.23	18.13	20	0		
5	QPSK	1	24	18.23	18.24	18.17	20	0		
5	QPSK	12	0	18.23	18.24	18.11	20	0		
5	QPSK	12	7	18.20	18.33	18.18	20	0		
5	QPSK	12	13	18.24	18.20	18.09	20	0		
5	QPSK	25	0	18.24	18.15	18.14	20	0		
5	QPSK	1	0	17.15	17.23	17.11	19	0		
5	QPSK	1	12	17.31	17.33	17.04	19	0		
5	QPSK	1	24	17.31	17.32	17.09	19	0		
5	QPSK	12	0	17.18	17.23	17.04	19	0		
5	QPSK	12	7	17.18	17.24	17.08	19	0		
5	QPSK	12	13	17.22	17.27	17.21	19	0		
5	QPSK	25	0	17.18	17.32	17.11	19	0		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	18.23	18.34	18.12	20	0		
1.4	QPSK	1	8	18.29	18.19	18.12	20	0		
1.4	QPSK	1	17	18.26	18.14	18.10	20	0		
1.4	QPSK	3	0	18.31	18.39	18.03	20	0		
1.4	QPSK	3	8	18.24	18.26	18.12	20	0		
1.4	QPSK	6	0	18.26	18.34	18.12	20	0		
1.4	QPSK	1	3	18.27	18.26	18.16	20	0		
1.4	QPSK	1	5	18.14	18.19	18.09	20	0		
1.4	QPSK	3	1	18.11	18.29	18.16	20	0		
1.4	QPSK	3	3	18.17	18.22	18.16	20	0		
1.4	QPSK	6	0	18.28	18.19	18.15	20	0		
1.4	QPSK	1	0	18.22	18.18	18.08	20	0		
1.4	QPSK	3	0	18.21	18.26	18.13	20	0		
1.4	QPSK	3	8	18.13	18.28	18.12	20	0		
1.4	QPSK	1	1	18.18	18.28	18.12	20	0		
1.4	QPSK	3	4	17.28	17.30	17.07	19	1		
1.4	QPSK	1	5	17.29	17.30	17.10	19	1		
1.4	QPSK	3	1	17.17	17.27	17.21	19	1		
1.4	QPSK	3	3	17.16	17.30	17.07	19	1		
1.4	QPSK	3	3	17.21	17.21	17.16	19	1		

Band 66 DSI 4 Ant 2												
RFV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F Freq.	Power Low Modulo Ch. F Freq.	Power High Ch. F Freq.	Power High Modulo Ch. F Freq.	Power High Modulo Ch. F Freq.	Power High Modulo Ch. F Freq.	Power High Modulo Ch. F Freq.	Power High Modulo Ch. F Freq.	Power High Modulo Ch. F Freq.
Channel												
Frequency (MHz)												
20	QPSK	1	0	18.04	18.21	17.85						
20	QPSK	1	40	17.79	18.10	17.91						
20	QPSK	1	80	17.95	18.15	17.94						
20	QPSK	50	0	17.98	18.14	17.84						
20	QPSK	50	24	17.95	18.07	17.90						
20	QPSK	50	50	17.95	18.01	17.92						
20	16QAM	1	0	18.04	18.11	17.91						
20	16QAM	1	40	18.04	18.07	18.00						
20	16QAM	1	80	17.99	18.07	17.90						
20	16QAM	50	0	18.00	18.06	17.96						
20	16QAM	50	24	17.94	18.11	17.97						
20	16QAM	50	50	18.03	17.98	17.95						
20	16QAM	100	0	17.98	18.01	17.92						
20	16QAM	1	0	17.96	18.03	17.97						
20	16QAM	1	40	17.99	18.07	17.91						
20	16QAM	1	80	17.96	18.17	17.89						
20	16QAM	50	0	17.99	18.07	17.95						
20	16QAM	50	24	18.00	18.12	17.99						
20	16QAM	50	50	18.05	18.13	17.94						
20	16QAM	100	0	17.93	18.13	17.85						
20	256QAM	1	0	17.47	17.53	17.42						
20	256QAM	1	40	17.40	17.59	17.46						
20	256QAM	1	80	17.42	17.55	17.48						
20	256QAM	50	0	17.46	17.59	17.46						
20	256QAM	50	24	17.50	17.59	17.42						
20	256QAM	50	50	17.48	17.55	17.41						
20	256QAM	100	0	17.44	17.56	17.52						
Channel												
Frequency (MHz)												
15	QPSK	1	0	17.88	18.04	17.82						
15	QPSK	1	37	17.87	17.96	17.78						
15	QPSK	1	74	17.81	18.05	17.83						
15	QPSK	36	0	17.87	17.99	17.78						
15	QPSK	36	36	17.83	17.90	17.75						
15	QPSK	36	36	17.91	17.95	17.76						
15	QPSK	75	0	17.95	17.96	17.78						
15	16QAM	1	0	17.91	18.08	17.81						
15	16QAM	1	37	17.97	17.95	17.88						
15	16QAM	1	74	17.82	17.98	17.82						
15	16QAM	36	0	17.90	17.99	17.88						
15	16QAM	36	36	17.89	17.92	17.79						
15	16QAM	36	36	17.84	17.96	17.86						
15	16QAM	75	0	17.91	17.95	17.84						
15	16QAM	1	0	17.88	17.93	17.72						
15	16QAM	1	37	17.87	18.03	17.80						
15	16QAM	1	74	17.85	18.00	17.73						
15	16QAM	36	0	17.86	17.99	17.80						
15	16QAM	36	36	17.91	18.06	17.78						
15	16QAM	36	36	17.95	18.03	17.70						
15	16QAM	75	0	17.89	17.96	17.75						
15	256QAM	1	0	17.34	17.46	17.31						
15	256QAM	1	37	17.34	17.47	17.34						
15	256QAM	1	74	17.37	17.45	17.38						
15	256QAM	36	0	17.42	17.50	17.38						
15	256QAM	36	36	17.45	17.49	17.35						
15	256QAM	36	36	17.40	17.41	17.33						
15	256QAM	75	0	17.35	17.49	17.38						
Channel												
Frequency (MHz)												
10	QPSK	1	0	17.92	18.04	17.82						
10	QPSK	1	25	17.85	18.05	17.85						
10	QPSK	1	40	17.87	18.03	17.84						
10	QPSK	25	0	17.91	17.93	17.74						
10	QPSK	25	12	17.86	17.99	17.74						
10	QPSK	25	25	17.89	17.92	17.72						
10	QPSK	50	0	17.91	17.96	17.81						
10	16QAM	1	0	17.94	18.08	17.78						
10	16QAM	1	25	17.94	18.01	17.86						
10	16QAM	1	40	17.86	17.91	17.81						
10	16QAM	25	0	17.99	18.01	17.88						
10	16QAM	25	12	17.86	17.93	17.82						
10	16QAM	25	25	17.91	17.88	17.88						
10	16QAM	50	0	17.91	17.98	17.78						
10	16QAM	1	0	17.90	17.94	17.71						
10	16QAM	1	25	17.91	17.99	17.87						
10	16QAM	1	40	17.87	18.02	17.80						
10	16QAM	25	0	17.88	17.99	17.85						
10	16QAM	25	12	17.82	18.04	17.81						
10	16QAM	25	25	17.89	17.98	17.72						
10	16QAM	50	0	17.80	18.01	17.78						
10	256QAM	1	0	17.35	17.49	17.38						
10	256QAM	1	25	17.34	17.46	17.38						
10	256QAM	1	40	17.31	17.48	17.31						
10	256QAM	25	0	17.33	17.55	17.31						
10	256QAM	25	12	17.42	17.55	17.32						
10	256QAM	25	25	17.42	17.45	17.31						
10	256QAM	50	0	17.41	17.45	17.34						
Channel												
Frequency (MHz)												
5	QPSK	1	0	17.89	18.10	17.75						
5	QPSK	1	12	17.87	18.01	17.85						
5	QPSK	1	24	17.89	18.04	17.83						
5	QPSK	12	0	17.82	18.02	17.78						
5	QPSK	12	7	17.83	17.99	17.77						
5	QPSK	12	13	17.96	17.92	17.78						
5	QPSK	25	0	17.86	17.99	17.86						
5	16QAM	1	0	17.95	18.08	17.79						
5	16QAM	1	12	17.99	18.02	17.82						
5	16QAM	1	24	17.79	17.89	17.73						
5	16QAM	12	0	17.91	18.05	17.80						
5	16QAM	12	7	17.80	17.95	17.78						
5	16QAM	12	13	17.84	17.96	17.77						
5	16QAM	25	0	17.87	18.01	17.88						
5	16QAM	1	0	17.90	18.00	17.80						
5	16QAM	1	12	17.86	17.99	17.89						
5	16QAM	1	24	17.85	18.10	17.83						
5	16QAM	12	0	17.86	17.98	17.88						
5	16QAM	12	7	17.91	18.07	17.74						
5	16QAM	12	13	17.91	18.02	17.75						
5	16QAM	25	0	17.84	17.97	17.73						
5	16QAM	1	0	17.96	17.48	17.40						
5	16QAM	1	12	17.36	17.48	17.37						
5	256QAM	1	24	17.41	17.42	17.29						
5	256QAM	12	0	17.34	17.51	17.40						
5	256QAM	12	7	17.38	17.50	17.30						
5	256QAM	12	13	17.37	17.43	17.35						
5	256QAM	25	0	17.41	17.41	17.38						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	17.84	18.11	17.74						
1.4	QPSK	1	3	17.85	18.00	17.80						
1.4	QPSK	1	5	17.89	18.04	17.88						
1.4	QPSK	3	0	17.87	17.94	17.78						
1.4	QPSK	3	1	17.91	17.94	17.83						
1.4	QPSK	3	3	17.97	18.02	17.77						
1.4	QPSK	6	0	17.80	17.96	17.84						
1.4	16QAM	1	0	17.89	18.02	17.79						
1.4	16QAM	1	3	17.88	17.94	17.81						
1.4	16QAM	1	5	17.91	17.95	17.80						
1.4	16QAM	3	0	17.99	18.02	17.81						
1.4	16QAM	3	1	17.83	17.91	17.80						
1.4	16QAM	3	3	17.88	17.97	17.78						
1.4	16QAM	6	0	17.96	18.00	17.86						
1.4	16QAM	1	0	17.87	18.02	17.78						
1.4	16QAM	1	3	17.87	17.96	17.89						
1.4	16QAM	1	5	17.91	18.00	17.78						
1.4	16QAM	3	0	17.99	18.02	17.81						
1.4	16QAM	3	1	17.83	17.91	17.80						
1.4	16QAM	3	3	17.88	17.97	17.78						
1.4	16QAM	6	0	17.96	18.00	17.86						
1.4	16QAM	1	0	17.87	18.02	17.78						
1.4	16QAM	1	3	17.87	17.96	17.89						
1.4	16QAM	1	5	17.91	18.00	17.78						
1.4	16QAM	3	0	17.99	18.02	17.81						
1.4	16QAM	3	1	17.83	17.91	17.80						
1.4	16QAM	3	3	17.88	17.97	17.78						
1.4	16Q											

Band 42 DSI 4 Ant 2									
BW [MHz]	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	19.97	20.12	19.94			
20	QPSK	1	49	19.97	19.99	19.97	21	0	
20	QPSK	1	99	19.93	19.95	19.96			
20	QPSK	50	0	19.98	20.05	19.93			
20	QPSK	50	24	19.89	19.97	19.98	21	0	
20	QPSK	50	50	19.90	19.96	19.91			
20	QPSK	100	0	19.94	20.05	19.90			
20	16QAM	1	0	19.95	20.00	19.96	21	0	
20	16QAM	1	49	19.96	20.00	19.88			
20	16QAM	1	99	19.97	20.01	19.93			
20	16QAM	50	0	19.91	19.95	19.95	21	0	
20	16QAM	50	24	19.90	19.96	19.99			
20	16QAM	50	50	19.96	20.01	19.98			
20	16QAM	100	0	19.93	19.98	19.97	21	0	
20	64QAM	1	0	19.95	19.99	19.93			
20	64QAM	1	49	19.94	19.99	19.93			
20	64QAM	1	99	19.97	20.00	19.94	21	0	
20	64QAM	50	0	19.93	20.05	19.92			
20	64QAM	50	24	19.97	20.00	19.90			
20	64QAM	50	50	19.90	20.04	19.92	19	2	
20	64QAM	100	0	19.92	19.98	19.91			
20	256QAM	1	0	17.93	18.10	17.90			
20	256QAM	1	49	17.99	18.10	17.91	19	2	
20	256QAM	1	99	18.00	18.09	17.95			
20	256QAM	50	0	17.97	18.14	17.90			
20	256QAM	50	24	17.99	18.08	17.99	19	2	
20	256QAM	50	50	18.03	18.08	17.99			
20	256QAM	100	0	18.03	18.08	17.94			
Channel				42165	42590	43015	Tune-up limit	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	19.91	20.02	19.87			
15	QPSK	1	37	19.90	19.94	19.83	21	0	
15	QPSK	1	74	19.86	19.79	19.85			
15	QPSK	36	0	19.93	19.94	19.82	21	0	
15	QPSK	36	20	19.84	19.92	19.89			
15	QPSK	36	39	19.82	19.90	19.78			
15	QPSK	75	0	19.87	19.95	19.86	21	0	
15	16QAM	1	0	19.89	19.85	19.89			
15	16QAM	1	37	19.90	19.95	19.79			
15	16QAM	1	74	19.84	19.96	19.86	21	0	
15	16QAM	36	0	19.82	19.86	19.87			
15	16QAM	36	20	19.85	19.90	19.83			
15	16QAM	36	39	19.81	19.95	19.87	21	0	
15	16QAM	75	0	19.78	19.88	19.87			
15	64QAM	1	0	19.88	19.88	19.86			
15	64QAM	1	37	19.87	19.86	19.82	21	0	
15	64QAM	1	74	19.91	19.96	19.79			
15	64QAM	36	0	19.86	19.96	19.77			
15	64QAM	36	20	19.92	19.88	19.84	21	0	
15	64QAM	36	39	19.77	19.94	19.85			
15	64QAM	75	0	19.78	19.87	19.77			
15	256QAM	1	0	17.80	17.99	17.84	19	2	
15	256QAM	1	37	17.89	17.99	17.81			
15	256QAM	1	74	17.95	18.02	17.84			
15	256QAM	36	0	17.90	18.03	17.74	19	2	
15	256QAM	36	20	17.87	18.00	17.92			
15	256QAM	36	39	17.89	17.98	17.85			
15	256QAM	75	0	17.92	17.95	17.88	Tune-up limit	MPR (dB)	
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	19.89	19.99	19.83	21	0	
10	QPSK	1	25	19.81	19.93	19.90			
10	QPSK	1	49	19.80	19.87	19.84			
10	QPSK	25	0	19.86	19.93	19.83	21	0	
10	QPSK	25	12	19.80	19.94	19.85			
10	QPSK	25	25	19.78	19.83	19.83			
10	QPSK	50	0	19.85	19.92	19.77	21	0	
10	16QAM	1	0	19.80	19.88	19.82			
10	16QAM	1	25	19.89	19.85	19.80			
10	16QAM	1	49	19.89	19.86	19.87	21	0	
10	16QAM	25	0	19.85	19.79	19.88			
10	16QAM	25	12	19.79	19.86	19.85			
10	16QAM	25	25	19.82	19.89	19.84	21	0	
10	16QAM	50	0	19.88	19.85	19.84			
10	64QAM	1	0	19.81	19.88	19.84			
10	64QAM	1	25	19.85	19.90	19.85	21	0	
10	64QAM	1	49	19.90	19.86	19.80			
10	64QAM	25	0	19.80	19.92	19.81			
10	64QAM	25	12	19.86	19.87	19.83	21	0	
10	64QAM	25	25	19.82	19.99	19.80			
10	64QAM	50	0	19.76	19.86	19.82			
10	256QAM	1	0	17.87	17.96	17.79	19	2	
10	256QAM	1	25	17.86	17.98	17.81			
10	256QAM	1	49	17.86	17.98	17.82			
10	256QAM	25	0	17.87	18.07	17.83	19	2	
10	256QAM	25	12	17.89	18.01	17.91			
10	256QAM	25	25	17.92	17.94	17.83			
10	256QAM	50	0	17.91	17.96	17.78	Tune-up limit	MPR (dB)	
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	19.86	20.05	19.82	21	0	
5	QPSK	1	12	19.90	19.85	19.87			
5	QPSK	1	24	19.84	19.91	19.85			
5	QPSK	12	0	19.90	20.00	19.79	21	0	
5	QPSK	12	7	19.75	19.91	19.83			
5	QPSK	12	13	19.79	19.83	19.81			
5	QPSK	25	0	19.85	19.98	19.80	21	0	
5	16QAM	1	0	19.87	19.86	19.90			
5	16QAM	1	12	19.89	19.95	19.74			
5	16QAM	1	24	19.91	19.95	19.81	21	0	
5	16QAM	12	0	19.78	19.91	19.88			
5	16QAM	12	7	19.77	19.84	19.90			
5	16QAM	12	13	19.81	19.87	19.86	21	0	
5	16QAM	25	0	19.83	19.85	19.90			
5	64QAM	1	0	19.86	19.87	19.82			
5	64QAM	1	12	19.79	19.92	19.85	21	0	
5	64QAM	1	24	19.88	19.96	19.88			
5	64QAM	12	0	19.79	19.93	19.80			
5	64QAM	12	7	19.89	19.96	19.74	21	0	
5	64QAM	12	13	19.77	19.94	19.84			
5	64QAM	25	0	19.77	19.91	19.83			
5	256QAM	1	0	17.87	18.05	17.75	19	2	
5	256QAM	1	12	17.87	18.05	17.81			
5	256QAM	1	24	17.88	17.97	17.87			
5	256QAM	12	0	17.90	18.00	17.83	19	2	
5	256QAM	12	7	17.94	17.97	17.90			
5	256QAM	12	13	17.95	18.00	17.84			
5	256QAM	25	0	17.93	18.01	17.84			

Band 42 DSI 4 Ant 3										
BW [MHz]	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	20.11	20.35	20.20	21	0		
20	QPSK	1	49	20.16	20.28	20.13				
20	QPSK	1	99	20.19	20.27	20.18				
20	QPSK	50	0	20.14	20.30	20.24				
20	QPSK	50	24	20.13	20.23	20.20	21	0		
20	QPSK	50	50	20.09	20.22	20.23				
20	QPSK	100	0	20.12	20.24	20.18				
20	16QAM	1	0	20.09	20.28	20.17				
20	16QAM	1	49	20.08	20.29	20.21	21	0		
20	16QAM	1	99	20.14	20.31	20.17				
20	16QAM	50	0	20.10	20.26	20.23				
20	16QAM	50	24	20.18	20.28	20.18				
20	16QAM	50	50	20.13	20.23	20.19	21	0		
20	16QAM	100	0	20.10	20.32	20.23				
20	64QAM	1	0	20.13	20.24	20.16				
20	64QAM	1	49	20.10	20.23	20.16	21	0		
20	64QAM	1	99	20.17	20.29	20.23				
20	64QAM	50	0	19.09	19.23	19.20				
20	64QAM	50	24	19.08	19.30	19.19	20	1		
20	64QAM	50	50	19.06	19.28	19.25				
20	64QAM	100	0	19.13	19.26	19.17				
20	256QAM	1	0	17.06	17.30	17.16	18	3		
20	256QAM	1	49	17.06	17.25	17.18				
20	256QAM	1	99	17.14	17.28	17.19				
20	256QAM	50	0	17.12	17.28	17.20				
20	256QAM	50	24	17.14	17.32	17.15	18	3		
20	256QAM	50	50	17.08	17.30	17.25				
20	256QAM	100	0	17.09	17.30	17.17				
Channel				42165	42590	43015	Tune-up limit	MPR (dB)		
Frequency (MHz)				3457.5	3500	3542.5				
15	QPSK	1	0	20.02	20.10	20.10	21	0		
15	QPSK	1	37	20.01	20.21	19.99				
15	QPSK	1	74	20.06	20.17	20.10				
15	QPSK	36	0	20.04	20.17	20.11				
15	QPSK	36	20	20.07	20.14	20.06	21	0		
15	QPSK	36	39	19.97	20.11	20.11				
15	QPSK	75	0	19.98	20.16	20.08				
15	16QAM	1	0	20.04	20.16	20.01				
15	16QAM	1	37	20.02	20.23	20.11	21	0		
15	16QAM	1	74	20.01	20.16	20.10				
15	16QAM	36	0	19.98	20.16	20.10				
15	16QAM	36	20	20.12	20.19	20.03	21	0		
15	16QAM	36	39	19.97	20.09	20.05				
15	16QAM	75	0	20.02	20.24	20.12				
15	64QAM	1	0	20.04	20.12	20.03	21	0		
15	64QAM	1	37	20.00	20.11	20.04				
15	64QAM	1	74	20.07	20.21	20.18				
15	64QAM	36	0	18.06	19.14	19.10	20	1		
15	64QAM	36	20	19.04	19.19	19.13				
15	64QAM	36	39	19.00	19.13	19.13				
15	64QAM	75	0	19.01	19.13	19.09				
15	256QAM	1	0	16.95	17.21	17.10	18	3		
15	256QAM	1	37	16.96	17.14	17.05				
15	256QAM	1	74	17.09	17.18	17.13				
15	256QAM	36	0	17.03	17.15	17.09				
15	256QAM	36	20	17.04	17.27	17.01	18	3		
15	256QAM	36	39	17.01	17.24	17.13				
15	256QAM	75	0	17.02	17.24	17.09				
Channel				42140	42590	43040	Tune-up limit	MPR (dB)		
Frequency (MHz)				3455	3500	3545				
10	QPSK	1	0	20.05	20.12	20.11	21	0		
10	QPSK	1	25	20.09	20.16	20.08				
10	QPSK	1	49	20.12	20.17	20.04				
10	QPSK	25	0	20.09	20.18	20.10				
10	QPSK	25	12	19.98	20.13	20.05	21	0		
10	QPSK	25	25	20.01	20.07	20.16				
10	QPSK	50	0	20.07	20.13	20.14				
10	16QAM	1	0	19.99	20.14	20.07				
10	16QAM	1	25	20.00	20.23	20.08	21	0		
10	16QAM	1	49	20.04	20.26	20.09				
10	16QAM	25	0	19.97	20.22	20.18				
10	16QAM	25	12	20.03	20.18	20.12	21	0		
10	16QAM	25	25	19.97	20.18	20.09				
10	16QAM	50	0	19.95	20.20	20.17				
10	64QAM	1	0	20.04	20.17	20.01	21	0		
10	64QAM	1	25	20.05	20.08	20.10				
10	64QAM	1	49	20.10	20.15	20.17				
10	64QAM	25	0	19.00	19.15	19.13				
10	64QAM	25	12	19.03	19.24	19.12	20	1		
10	64QAM	25	25	18.98	19.14	19.17				
10	64QAM	50	0	19.09	19.14	19.05				
10	256QAM	1	0	16.92	17.16	17.05	18	3		
10	256QAM	1	25	16.91	17.12	17.13				
10	256QAM	1	49	16.89	17.22	17.09				
10	256QAM	25	0	17.00	17.17	17.04				
10	256QAM	25	12	17.00	17.21	17.06	18	3		
10	256QAM	25	25	16.98	17.24	17.18				
10	256QAM	50	0	17.02	17.16	17.04				
Channel				42115	42590	43065	Tune-up limit	MPR (dB)		
Frequency (MHz)				3452.5	3500	3547.5				
5	QPSK	1	0	20.02	20.13	20.10	21	0		
5	QPSK	1	12	20.09	20.14	19.99				
5	QPSK	1	24	20.05	20.23	20.11				
5	QPSK	12	0	20.05	20.18	20.10				
5	QPSK	12	7	19.97	20.11	20.08	21	0		
5	QPSK	12	13	20.00	20.09	20.10				
5	QPSK	25	0	20.03	20.13	20.05				
5	16QAM	1	0	19.95	20.23	20.10				
5	16QAM	1	12	19.97	20.17	20.14	21	0		
5	16QAM	1	24	20.00	20.17	20.08				
5	16QAM	12	0	19.99	20.14	20.10				
5	16QAM	12	7	20.08	20.14	20.12	21	0		
5	16QAM	12	13	20.09	20.14	20.09				
5	16QAM	25	0	19.96	20.24	20.12				
5	64QAM	1	0	19.99	20.12	20.09	21	0		
5	64QAM	1	12	19.95	20.07	20.12				
5	64QAM	1	24	20.10	20.15	20.09				
5	64QAM	12	0	18.99	19.10	19.11				
5	64QAM	12	7	19.03	19.19	19.06	20	1		
5	64QAM	12	13	18.96	19.19	19.15				
5	64QAM	25	0	19.05	19.22	19.11				
5	256QAM	1	0	16.96	17.20	17.08	18	3		
5	256QAM	1	12	17.00	17.17	17.05				
5	256QAM	1	24	17.08	17.22	17.11				
5	256QAM	12	0	16.99	17.14	17.11				
5	256QAM	12	7	17.00	17.18	16.99	18	3		
5	256QAM	12	13	17.02	17.17	17.19				
5	256QAM	25	0	17.03	17.15	17.10				

Band 7 DSI 4 Ant 4									
BW [MHz]	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	19.28	19.39	19.19	20.5	0	
20	QPSK	1	49	19.24	19.32	19.21			
20	QPSK	1	99	19.27	19.25	19.28			
20	QPSK	50	0	19.29	19.36	19.17	20.5	0	
20	QPSK	50	24	19.22	19.30	19.21			
20	QPSK	50	50	19.25	19.25	19.29			
20	QPSK	100	0	19.32	19.33	19.27	20.5	0	
20	16QAM	1	0	19.23	19.29	19.25			
20	16QAM	1	49	19.21	19.26	19.19			
20	16QAM	1	99	19.32	19.29	19.28	20.5	0	
20	16QAM	50	0	19.28	19.28	19.28			
20	16QAM	50	24	19.20	19.35	19.26			
20	16QAM	50	50	19.28	19.33	19.21	20.5	0	
20	16QAM	100	0	19.27	19.26	19.18			
20	64QAM	1	0	19.23	19.27	19.25			
20	64QAM	1	49	19.31	19.26	19.25	20.5	0	
20	64QAM	1	99	19.32	19.34	19.28			
20	64QAM	50	0	19.24	19.26	19.19			
20	64QAM	50	24	19.26	19.30	19.28	20.5	0	
20	64QAM	50	50	19.30	19.28	19.29			
20	64QAM	100	0	19.21	19.27	19.22			
20	256QAM	1	0	18.30	18.35	18.15	19.5	1	
20	256QAM	1	49	18.32	18.34	18.20			
20	256QAM	1	99	18.23	18.34	18.17			
20	256QAM	50	0	18.21	18.34	18.21	19.5	1	
20	256QAM	50	24	18.21	18.31	18.23			
20	256QAM	50	50	18.29	18.31	18.22			
20	256QAM	100	0	18.26	18.39	18.15	20.5	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	19.20	19.26	19.10	20.5	0	
15	QPSK	1	37	19.18	19.20	19.09			
15	QPSK	1	74	19.16	19.16	19.24			
15	QPSK	36	0	19.19	19.16	19.10	20.5	0	
15	QPSK	36	20	19.16	19.25	19.12			
15	QPSK	36	39	19.10	19.19	19.15			
15	QPSK	75	0	19.24	19.16	19.11	20.5	0	
15	16QAM	1	0	19.13	19.23	19.13			
15	16QAM	1	37	19.10	19.13	19.08			
15	16QAM	1	74	19.20	19.20	19.16	20.5	0	
15	16QAM	36	0	19.12	19.21	19.15			
15	16QAM	36	20	19.18	19.20	19.13			
15	16QAM	36	39	19.20	19.20	19.09	20.5	0	
15	16QAM	75	0	19.19	19.19	19.06			
15	64QAM	1	0	19.16	19.22	19.18			
15	64QAM	1	37	19.18	19.13	19.13	20.5	0	
15	64QAM	1	74	19.20	19.23	19.18			
15	64QAM	36	0	19.13	19.12	19.03			
15	64QAM	36	20	19.16	19.16	19.23	20.5	0	
15	64QAM	36	39	19.25	19.23	19.24			
15	64QAM	75	0	19.10	19.15	19.09			
15	256QAM	1	0	18.19	18.28	17.99	19.5	1	
15	256QAM	1	37	18.27	18.20	18.07			
15	256QAM	1	74	18.14	18.28	18.06			
15	256QAM	36	0	18.07	18.24	18.15	19.5	1	
15	256QAM	36	20	18.15	18.18	18.16			
15	256QAM	36	39	18.16	18.25	18.06			
15	256QAM	75	0	18.14	18.25	18.10	20.5	0	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	19.14	19.21	19.07	20.5	0	
10	QPSK	1	25	19.11	19.24	19.12			
10	QPSK	1	49	19.11	19.11	19.14			
10	QPSK	25	0	19.16	19.16	19.03	20.5	0	
10	QPSK	25	12	19.17	19.22	19.13			
10	QPSK	25	25	19.15	19.11	19.16			
10	QPSK	50	0	19.16	19.25	19.12	20.5	0	
10	16QAM	1	0	19.16	19.21	19.16			
10	16QAM	1	25	19.14	19.21	19.14			
10	16QAM	1	49	19.19	19.23	19.22	20.5	0	
10	16QAM	25	0	19.15	19.15	19.22			
10	16QAM	25	12	19.14	19.24	19.22			
10	16QAM	25	25	19.17	19.25	19.06	20.5	0	
10	16QAM	50	0	19.15	19.22	19.11			
10	64QAM	1	0	19.07	19.16	19.10			
10	64QAM	1	25	19.17	19.12	19.14	20.5	0	
10	64QAM	1	49	19.25	19.25	19.18			
10	64QAM	25	0	19.18	19.17	19.12			
10	64QAM	25	12	19.15	19.19	19.19	20.5	0	
10	64QAM	25	25	19.17	19.23	19.18			
10	64QAM	50	0	19.10	19.14	19.17			
10	256QAM	1	0	18.20	18.25	18.04	19.5	1	
10	256QAM	1	25	18.27	18.20	18.08			
10	256QAM	1	49	18.14	18.21	18.04			
10	256QAM	25	0	18.05	18.29	18.12	19.5	1	
10	256QAM	25	12	18.15	18.19	18.10			
10	256QAM	25	25	18.20	18.25	18.15			
10	256QAM	50	0	18.16	18.24	18.04	20.5	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	19.11	19.29	19.06	20.5	0	
5	QPSK	1	12	19.10	19.19	19.06			
5	QPSK	1	24	19.13	19.14	19.22			
5	QPSK	12	0	19.14	19.24	19.09	20.5	0	
5	QPSK	12	7	19.18	19.20	19.07			
5	QPSK	12	13	19.14	19.13	19.25			
5	QPSK	25	0	19.19	19.24	19.20	20.5	0	
5	16QAM	1	0	19.15	19.18	19.19			
5	16QAM	1	12	19.16	19.17	19.14			
5	16QAM	1	24	19.16	19.25	19.24	20.5	0	
5	16QAM	12	0	19.22	19.22	19.17			
5	16QAM	12	7	19.21	19.22	19.20			
5	16QAM	12	13	19.16	19.25	19.10	20.5	0	
5	16QAM	25	0	19.14	19.20	19.09			
5	64QAM	1	0	19.14	19.20	19.19			
5	64QAM	1	12	19.22	19.12	19.10	20.5	0	
5	64QAM	1	24	19.25	19.21	19.14			
5	64QAM	12	0	19.19	19.17	19.05			
5	64QAM	12	7	19.16	19.24	19.13	20.5	0	
5	64QAM	12	13	19.25	19.14	19.18			
5	64QAM	25	0	19.15	19.16	19.16			
5	256QAM	1	0	18.17	18.28	18.00	19.5	1	
5	256QAM	1	12	18.20	18.21	18.09			
5	256QAM	1	24	18.09	18.26	18.06			
5	256QAM	12	0	18.12	18.21	18.08	19.5	1	
5	256QAM	12	7	18.08	18.16	18.12			
5	256QAM	12	13	18.18	18.17	18.17			
5	256QAM	25	0	18.21	18.28	18.05			

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BW [MHz]	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)				37850	38000	38150		
				2580	2595	2610		
20	QPSK	1	0	21.71	21.89	21.72	23	0
20	QPSK	1	49	21.71	21.83	21.67		
20	QPSK	1	99	21.78	21.86	21.74		
20	QPSK	50	0	21.70	21.87	21.71	23	0
20	QPSK	50	24	21.73	21.83	21.64		
20	QPSK	50	50	21.84	21.73	21.72		
20	QPSK	100	0	21.78	21.81	21.71	23	0
20	16QAM	1	0	21.76	21.74	21.75		
20	16QAM	1	49	21.75	21.86	21.61		
20	16QAM	1	99	21.82	21.86	21.60	22.5	0.5
20	16QAM	50	0	21.16	21.33	21.23		
20	16QAM	50	24	21.14	21.31	21.12		
20	16QAM	50	50	21.21	21.26	21.10	22.5	0.5
20	16QAM	100	0	21.30	21.29	21.16		
20	64QAM	1	0	21.23	21.34	21.18		
20	64QAM	1	49	21.20	21.37	21.11	21.5	1.5
20	64QAM	1	99	21.24	21.20	21.13		
20	64QAM	50	0	20.19	20.27	20.14		
20	64QAM	50	24	20.20	20.25	20.17	19.5	3.5
20	64QAM	50	50	20.19	20.23	20.11		
20	64QAM	100	0	20.17	20.25	20.12		
20	256QAM	1	0	18.21	18.36	18.16	19.5	3.5
20	256QAM	1	49	18.10	18.23	18.12		
20	256QAM	1	99	18.22	18.29	18.20		
20	256QAM	50	0	18.17	18.24	18.22	19.5	3.5
20	256QAM	50	24	18.25	18.31	18.18		
20	256QAM	50	50	18.12	18.32	18.20		
20	256QAM	100	0	18.12	18.24	18.19		
Channel Frequency (MHz)				37825	38000	38175	Tune-up limit	MPR (dB)
				2577.5	2595	2612.5		
15	QPSK	1	0	21.58	21.77	21.68	23	0
15	QPSK	1	37	21.66	21.68	21.58		
15	QPSK	1	74	21.71	21.71	21.64		
15	QPSK	36	0	21.59	21.76	21.65	23	0
15	QPSK	36	20	21.64	21.70	21.55		
15	QPSK	36	39	21.80	21.66	21.62		
15	QPSK	75	0	21.73	21.73	21.57	23	0
15	16QAM	1	0	21.69	21.65	21.61		
15	16QAM	1	37	21.65	21.81	21.48		
15	16QAM	1	74	21.69	21.72	21.52	22.5	0.5
15	16QAM	36	0	21.09	21.24	21.16		
15	16QAM	36	20	21.05	21.25	21.01		
15	16QAM	36	39	21.15	21.20	20.94	22.5	0.5
15	16QAM	75	0	21.15	21.24	21.04		
15	64QAM	1	0	21.17	21.24	21.08		
15	64QAM	1	37	21.04	21.32	21.05	22.5	0.5
15	64QAM	1	74	21.14	21.38	21.01		
15	64QAM	36	0	20.14	20.12	20.01		
15	64QAM	36	20	20.07	20.11	20.13	21.5	1.5
15	64QAM	36	39	20.12	20.10	20.02		
15	64QAM	75	0	20.08	20.11	20.03		
15	256QAM	1	0	18.05	18.27	18.10	19.5	3.5
15	256QAM	1	37	17.97	18.15	17.97		
15	256QAM	1	74	18.06	18.17	18.09		
15	256QAM	36	0	18.12	18.12	18.08	19.5	3.5
15	256QAM	36	20	18.14	18.16	18.03		
15	256QAM	36	39	18.01	18.27	18.10		
15	256QAM	75	0	18.02	18.20	18.04		
Channel Frequency (MHz)				37800	38000	38200	Tune-up limit	MPR (dB)
				2575	2595	2615		
10	QPSK	1	0	21.66	21.77	21.58	23	0
10	QPSK	1	25	21.66	21.72	21.51		
10	QPSK	1	49	21.71	21.76	21.62		
10	QPSK	25	0	21.61	21.71	21.63	23	0
10	QPSK	25	12	21.58	21.74	21.49		
10	QPSK	25	25	21.76	21.62	21.61		
10	QPSK	50	0	21.67	21.69	21.65	23	0
10	16QAM	1	0	21.63	21.67	21.63		
10	16QAM	1	25	21.69	21.81	21.53		
10	16QAM	1	49	21.75	21.76	21.47	22.5	0.5
10	16QAM	25	0	21.10	21.21	21.08		
10	16QAM	25	12	20.99	21.25	20.97		
10	16QAM	25	25	21.07	21.12	21.04	22.5	0.5
10	16QAM	50	0	21.15	21.18	21.04		
10	64QAM	1	0	21.16	21.24	21.05		
10	64QAM	1	25	21.11	21.27	20.97	22.5	0.5
10	64QAM	1	49	21.14	21.11	21.07		
10	64QAM	25	0	20.12	20.13	20.05		
10	64QAM	25	12	20.16	20.14	20.01	21.5	1.5
10	64QAM	25	25	20.10	20.11	20.00		
10	64QAM	50	0	20.06	20.20	20.06		
10	256QAM	1	0	18.13	18.22	18.07	19.5	3.5
10	256QAM	1	25	17.95	18.12	18.00		
10	256QAM	1	49	18.15	18.17	18.11		
10	256QAM	25	0	18.12	18.12	18.07	19.5	3.5
10	256QAM	25	12	18.16	18.20	18.10		
10	256QAM	25	25	18.08	18.20	18.06		
10	256QAM	50	0	18.05	18.13	18.08		
Channel Frequency (MHz)				37775	38000	38225	Tune-up limit	MPR (dB)
				2672.5	2595	2617.5		
5	QPSK	1	0	21.60	21.77	21.61	23	0
5	QPSK	1	12	21.56	21.73	21.53		
5	QPSK	1	24	21.73	21.73	21.58		
5	QPSK	12	0	21.64	21.76	21.59	23	0
5	QPSK	12	7	21.65	21.75	21.56		
5	QPSK	12	13	21.78	21.68	21.58		
5	QPSK	25	0	21.70	21.68	21.56	23	0
5	16QAM	1	0	21.71	21.65	21.63		
5	16QAM	1	12	21.68	21.80	21.47		
5	16QAM	1	24	21.71	21.73	21.49	22.5	0.5
5	16QAM	12	0	21.06	21.28	21.11		
5	16QAM	12	7	21.06	21.23	21.03		
5	16QAM	12	13	21.12	21.21	21.06	22.5	0.5
5	16QAM	25	0	21.17	21.16	21.10		
5	64QAM	1	0	21.11	21.28	21.12		
5	64QAM	1	12	21.09	21.29	21.02	22.5	0.5
5	64QAM	1	24	21.11	21.25	21.01		
5	64QAM	12	0	20.09	20.20	20.07		
5	64QAM	12	7	20.16	20.13	20.05	21.5	1.5
5	64QAM	12	13	20.11	20.09	20.02		
5	64QAM	25	0	20.07	20.09	20.06		
5	256QAM	1	0	18.05	18.23	18.06	19.5	3.5
5	256QAM	1	12	17.96	18.10	18.04		
5	256QAM	1	24	18.10	18.15	18.16		
5	256QAM	12	0	18.06	18.11	18.14	19.5	3.5
5	256QAM	12	7	18.20	18.17	18.13		
5	256QAM	12	13	18.00	18.20	18.06		
5	256QAM	25	0	17.99	18.19	18.05		

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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 Frequency (MHz)				39750	40185	40620	41055	41490		
				2503.5	2548.3	2593	2638.5	2680		
20	QPSK	1	0	21.96	21.80	22.05	21.77	21.93	23	0
20	QPSK	1	49	21.96	21.87	21.96	21.76	21.85		
20	QPSK	1	99	21.86	21.83	21.91	21.85	21.91		
20	QPSK	50	0	21.86	21.83	21.99	21.77	21.94	23	0
20	QPSK	50	24	21.97	21.86	21.92	21.79	21.93		
20	QPSK	50	50	21.90	21.90	21.89	21.80	21.87		
20	QPSK	100	0	21.95	21.88	21.96	21.79	21.87	23	0
20	16QAM	1	0	21.95	21.89	21.89	21.83	21.88		
20	16QAM	1	49	21.90	21.87	21.99	21.76	21.93		
20	16QAM	1	99	21.91	21.87	21.94	21.76	21.90	22.5	0.5
20	16QAM	50	0	21.47	21.27	21.41	21.27	21.47		
20	16QAM	50	24	21.44	21.25	21.41	21.24	21.45		
20	16QAM	50	50	21.49	21.28	21.33	21.24	21.44	22.5	0
20	16QAM	100	0	21.51	21.34	21.39	21.25	21.38		
20	64QAM	1	0	21.49	21.27	21.44	21.24	21.48		
20	64QAM	1	49	21.44	21.51	21.44	21.34	21.39	21.5	1.5
20	64QAM	1	99	21.47	21.33	21.36	21.26	21.44		
20	64QAM	50	0	20.52	20.35	20.37	20.26	20.46		
20	64QAM	50	24	20.48	20.25	20.39	20.28	20.47	19.5	3.5
20	64QAM	50	50	20.44	20.26	20.37	20.24	20.47		
20	64QAM	100	0	20.47	20.28	20.37	20.22	20.43		
20	256QAM	1	0	18.47	18.33	18.41	18.32	18.38	19.5	3.5
20	256QAM	1	49	18.44	18.26	18.33	18.22	18.39		
20	256QAM	1	99	18.49	18.27	18.40	18.33	18.43		
20	256QAM	50	0	18.44	18.24	18.36	18.29	18.42	19.5	3.5
20	256QAM	50	24	18.44	18.34	18.39	18.31	18.43		
20	256QAM	50	50	18.52	18.25	18.39	18.29	18.46		
20	256QAM	100	0	18.50	18.26	18.36	18.32	18.44		
Channel Frequency (MHz)				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.81	21.73	21.99	21.67	21.79	23	0
15	QPSK	1	37	21.82	21.75	21.87	21.69	21.80		
15	QPSK	1	74	21.75	21.78	21.81	21.79	21.87		
15	QPSK	36	0	21.77	21.78	21.88	21.63	21.78	23	0
15	QPSK	36	20	21.92	21.75	21.85	21.73	21.88		
15	QPSK	36	39	21.84	21.75	21.82	21.68	21.83		
15	QPSK	75	0	21.83	21.75	21.90	21.66	21.80	23	0
15	16QAM	1	0	21.87	21.75	21.85	21.77	21.85		
15	16QAM	1	37	21.79	21.80	21.90	21.69	21.83		
15	16QAM	1	74	21.84	21.79	21.89	21.66	21.85	22.5	0.5
15	16QAM	36	0	21.37	21.20	21.31	21.13	21.41		
15	16QAM	36	20	21.33	21.17	21.36	21.13	21.32		
15	16QAM	36	39	21.42	21.22	21.27	21.14	21.33	22.5	0.5
15	16QAM	75	0	21.43	21.26	21.31	21.16	21.33		
15	64QAM	1	0	21.35	21.15	21.33	21.14	21.35		
15	64QAM	1	37	21.39	21.24	21.30	21.13	21.27	22.5	0.5
15	64QAM	1	74	21.35	21.21	21.23	21.13	21.33		
15	64QAM	36	0	20.39	20.28	20.28	20.13	20.41		
15	64QAM	36	20	20.38	20.12	20.31	20.13	20.33	21.5	1.5
15	64QAM	36	39	20.34	20.11	20.23	20.18	20.42		
15	64QAM	75	0	20.35	20.20	20.28	20.08	20.35		
15	256QAM	1	0	18.36	18.23	18.32	18.26	18.33	19.5	3.5
15	256QAM	1	37	18.32	18.14	18.24	18.09	18.33		
15	256QAM	1	74	18.35	18.11	18.34	18.28	18.35		
15	256QAM	36	0	18.33	18.08	18.24	18.14	18.31	19.5	3.5
15	256QAM	36	20	18.38	18.35	18.35	18.20	18.30		
15	256QAM	36	39	18.38	18.09	18.32	18.22	18.38		
15	256QAM	75	0	18.45	18.12	18.30	18.27	18.28		
Channel Frequency (MHz)				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.90	21.73	21.92	21.68	21.80	23	0
10	QPSK	1	25	21.91	21.78	21.80	21.66	21.72		
10	QPSK	1	49	21.75	21.76	21.85	21.74	21.85		
10	QPSK	25	0	21.77	21.67	21.89	21.66	21.85	23	0
10	QPSK	25	12	21.90	21.71	21.81	21.64	21.85		
10	QPSK	25	25	21.80	21.81	21.82	21.71	21.73		
10	QPSK	50	0	21.81	21.82	21.83	21.72	21.76	23	0
10	16QAM	1	0	21.85	21.75	21.77	21.69	21.78		
10	16QAM	1	25	21.74	21.79	21.90	21.69	21.82		
10	16QAM	1	49	21.77	21.78	21.80	21.61	21.76	22.5	0.5
10	16QAM	25	0	21.42	21.21	21.29	21.16	21.32		
10	16QAM	25	12	21.39	21.13	21.27	21.19	21.31		
10	16QAM	25	25	21.41	21.24	21.21	21.19	21.38	22.5	0.5
10	16QAM	50	0	21.36	21.19	21.26	21.15	21.29		
10	16QAM	50	0	21.41	21.19	21.38	21.12	21.34		
10	64QAM	1	25	21.46	21.19	21.30	21.10	21.26	22.5	0.5
10	64QAM	1	49	21.33	21.21	21.25	21.15	21.30		
10	64QAM	25	0	20.40	20.20	20.32	20.16	20.36		
10	64QAM	25	12	20.32	20.19	20.24	20.24	20.42	21.5	1.5
10	64QAM	25	25	20.34	20.14	20.24	20.19	20.39		
10	64QAM	50	0	20.38	20.16	20.31	20.10	20.36		
10	256QAM	1	0	18.41	18.29	18.32	18.23	18.29	19.5	3.5
10	256QAM	1	25	18.29	18.14	18.23	18.17	18.28		
10	256QAM	1	49	18.45	18.22	18.28	18.28	18.39		
10	256QAM	25	0	18.36	18.13	18.30	18.21	18.35	19.5	3.5
10	256QAM	25	12	18.35	18.29	18.33	18.21	18.37		
10	256QAM	25	25	18.38	18.16	18.31	18.23	18.37		
10	256QAM	50	0	18.44	18.21	18.29	18.19	18.40		
Channel Frequency (MHz)				39675	40148	40602	41093	41565	Tune-up limit	MPR (dB)
				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.88	21.74	22.00	21.67	21.83	23	0
5	QPSK	1	12	21.83	21.72	21.85	21.69	21.72		
5	QPSK	1	24	21.80	21.75	21.77	21.71	21.78		
5	QPSK	12	0	21.77	21.73	21.85	21.62	21.81	23	0
5	QPSK	12	7	21.92	21.76	21.86	21.68	21.77		
5	QPSK	12	13	21.83	21.86	21.82	21.70	21.77		
5	QPSK	25	0	21.87	21.79	21.88	21.66	21.76	23	0
5	16QAM	1	0	21.83	21.76	21.73	21.74	21.75		
5	16QAM	1	12	21.76	21.71	21.89	21.68	21.83		
5	16QAM	1	24	21.87	21.72	21.86	21.64	21.83	22.5	0.5
5	16QAM	12	0	21.41	21.17	21.26	21.15	21.38		
5	16QAM	12	7	21.34	21.14	21.29	21.11	21.39		
5	16QAM	12	13	21.42	21.12	21.20	21.09	21.37	21.5	1.5
5	16QAM	25	0	21.42	21.19	21.26	21.21	21.32		
5	64QAM	1	0	21.39	21.22	21.34	21.14	21.34		
5	64QAM	1	12	21.38	21.24	21.30	21.11	21.26	22.5	0.5
5	64QAM	1	24	21.36	21.23	21.24	21.18	21.38		
5	64QAM	12	0	20.43	20.30	20.27	20.13	20.33		
5	64QAM	12	7	20.33	20.15	20.23	20.14	20.34	21.5	1.5
5	64QAM	12	13	20.33	20.20	20.33	20.16	20.33		
5	64QAM	25	0	20.41	20.17	20.30	20.08	20.31		
5	256QAM	1	0	18.38	18.24	18.25	18.21	18.25	19.5	3.5
5	256QAM	1	12	18.35	18.22	18.25	18.11	18.25		
5	256QAM	1	24	18.41	18.27	18.28	18.24	18.36		
5	256QAM	12	0	18.34	18.11	18.28	18.15	18.33	19.5	3.5
5	256QAM	12	7	18.34	18.19	18.34	18.21	18.38		
5	256QAM	12	13	18.46	18.17	18.32	18.22	18.39		
5	256QAM	25	0	18.36	18.13	18.27	18.26	18.29		

Band 42 DSI 4 Ant 4								
BW [MHz]	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	19.51	19.40	20.5	0
20	QPSK	1	49	19.33	19.41	19.42		
20	QPSK	1	99	19.36	19.36	19.34		
20	QPSK	50	0	19.40	19.48	19.40		
20	QPSK	50	24	19.36	19.43	19.42	20.5	0
20	QPSK	50	50	19.38	19.47	19.36		
20	QPSK	100	0	19.36	19.42	19.41		
20	16QAM	1	0	19.30	19.38	19.42		
20	16QAM	1	49	19.40	19.43	19.40	20.5	0
20	16QAM	1	99	19.38	19.37	19.37		
20	16QAM	50	0	19.31	19.40	19.44		
20	16QAM	50	24	19.35	19.48	19.41		
20	16QAM	50	50	19.35	19.42	19.44	20.5	0
20	16QAM	100	0	19.33	19.42	19.43		
20	64QAM	1	0	19.39	19.47	19.45		
20	64QAM	1	49	19.35	19.44	19.40		
20	64QAM	1	99	19.32	19.40	19.44	20.5	0
20	64QAM	50	0	19.33	19.41	19.38		
20	64QAM	50	24	19.38	19.37	19.44		
20	64QAM	50	50	19.39	19.36	19.36		
20	64QAM	100	0	19.30	19.46	19.35	19.5	1
20	256QAM	1	0	19.33	19.39	19.37		
20	256QAM	1	49	19.30	19.39	19.35		
20	256QAM	1	99	19.40	19.46	19.40		
20	256QAM	50	0	19.34	19.44	19.40	19.5	1
20	256QAM	50	24	19.35	19.45	19.36		
20	256QAM	50	50	19.35	19.46	19.41		
20	256QAM	100	0	19.32	19.39	19.40		
Channel				42165	42590	43015		
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.24	19.33	19.29	20.5	0
15	QPSK	1	37	19.18	19.27	19.30		
15	QPSK	1	74	19.23	19.22	19.28		
15	QPSK	36	0	19.31	19.32	19.28		
15	QPSK	36	20	19.24	19.31	19.29	20.5	0
15	QPSK	36	39	19.24	19.33	19.32		
15	QPSK	75	0	19.22	19.36	19.29		
15	16QAM	1	0	19.20	19.32	19.29		
15	16QAM	1	37	19.31	19.39	19.25	20.5	0
15	16QAM	1	74	19.34	19.27	19.28		
15	16QAM	36	0	19.20	19.31	19.32		
15	16QAM	36	20	19.25	19.34	19.29		
15	16QAM	36	39	19.22	19.27	19.40	20.5	0
15	16QAM	75	0	19.20	19.29	19.28		
15	64QAM	1	0	19.27	19.40	19.35		
15	64QAM	1	37	19.26	19.39	19.24		
15	64QAM	1	74	19.20	19.29	19.39	20.5	0
15	64QAM	36	0	19.27	19.28	19.32		
15	64QAM	36	20	19.25	19.23	19.33		
15	64QAM	36	39	19.33	19.29	19.28		
15	64QAM	75	0	19.22	19.34	19.23	19.5	1
15	256QAM	1	0	19.22	19.34	19.31		
15	256QAM	1	37	19.24	19.28	19.22		
15	256QAM	1	74	19.28	19.32	19.33		
15	256QAM	36	0	19.18	19.29	19.26	19.5	1
15	256QAM	36	20	19.22	19.30	19.22		
15	256QAM	36	39	19.24	19.33	19.27		
15	256QAM	75	0	19.19	19.28	19.26		
Channel				42140	42590	43040		
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.24	19.35	19.36	20.5	0
10	QPSK	1	25	19.22	19.37	19.27		
10	QPSK	1	49	19.24	19.23	19.26		
10	QPSK	25	0	19.31	19.31	19.24		
10	QPSK	25	12	19.29	19.30	19.35	20.5	0
10	QPSK	25	25	19.32	19.41	19.26		
10	QPSK	50	0	19.26	19.29	19.26		
10	16QAM	1	0	19.24	19.30	19.27		
10	16QAM	1	25	19.35	19.39	19.28	20.5	0
10	16QAM	1	49	19.33	19.30	19.33		
10	16QAM	25	0	19.23	19.32	19.29		
10	16QAM	25	12	19.25	19.39	19.26		
10	16QAM	25	25	19.24	19.32	19.38	20.5	0
10	16QAM	50	0	19.21	19.29	19.36		
10	64QAM	1	0	19.30	19.32	19.38		
10	64QAM	1	25	19.22	19.28	19.35		
10	64QAM	1	49	19.20	19.26	19.30	20.5	0
10	64QAM	25	0	19.22	19.32	19.31		
10	64QAM	25	12	19.26	19.30	19.29		
10	64QAM	25	25	19.28	19.25	19.21		
10	64QAM	50	0	19.19	19.30	19.22	19.5	1
10	256QAM	1	0	19.22	19.24	19.27		
10	256QAM	1	25	19.20	19.31	19.23		
10	256QAM	1	49	19.26	19.32	19.27		
10	256QAM	25	0	19.21	19.33	19.30	19.5	1
10	256QAM	25	12	19.19	19.34	19.23		
10	256QAM	25	25	19.24	19.41	19.28		
10	256QAM	50	0	19.18	19.34	19.32		
Channel				42115	42590	43065		
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.23	19.32	19.34	20.5	0
5	QPSK	1	12	19.23	19.36	19.30		
5	QPSK	1	24	19.26	19.22	19.26		
5	QPSK	12	0	19.24	19.33	19.30		
5	QPSK	12	7	19.23	19.31	19.30	20.5	0
5	QPSK	12	13	19.29	19.32	19.25		
5	QPSK	25	0	19.28	19.29	19.29		
5	16QAM	1	0	19.17	19.33	19.36		
5	16QAM	1	12	19.24	19.34	19.26	20.5	0
5	16QAM	1	24	19.29	19.27	19.28		
5	16QAM	12	0	19.20	19.29	19.40		
5	16QAM	12	7	19.23	19.36	19.32		
5	16QAM	12	13	19.23	19.32	19.32	20.5	0
5	16QAM	25	0	19.28	19.35	19.27		
5	64QAM	1	0	19.32	19.33	19.39		
5	64QAM	1	12	19.24	19.29	19.35		
5	64QAM	1	24	19.21	19.34	19.29	20.5	0
5	64QAM	12	0	19.20	19.33	19.28		
5	64QAM	12	7	19.31	19.26	19.35		
5	64QAM	12	13	19.31	19.21	19.27		
5	64QAM	25	0	19.24	19.33	19.30	19.5	1
5	256QAM	1	0	19.27	19.25	19.22		
5	256QAM	1	12	19.19	19.34	19.29		
5	256QAM	1	24	19.33	19.32	19.28		
5	256QAM	12	0	19.25	19.39	19.34	19.5	1
5	256QAM	12	7	19.27	19.41	19.24		
5	256QAM	12	13	19.27	19.30	19.32		
5	256QAM	25	0	19.18	19.34	19.25		

Band 7 DSI 4 Ant 6 ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	24.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.86	22.88	22.82	24.5	0	
20	QPSK	1	49	22.79	22.83	22.73			
20	QPSK	1	99	22.74	22.79	22.70			
20	QPSK	50	0	21.81	21.94	21.79	23.5	1	
20	QPSK	50	24	21.79	21.86	21.71			
20	QPSK	50	50	21.74	21.73	21.71			
20	QPSK	100	0	21.88	21.90	21.87	23.5	1	
20	16QAM	1	0	21.82	21.89	21.85			
20	16QAM	1	49	21.79	21.77	21.77			
20	16QAM	1	99	21.71	21.75	21.66	22.5	2	
20	16QAM	50	0	20.80	20.91	20.81			
20	16QAM	50	24	20.73	20.84	20.74			
20	16QAM	50	50	20.74	20.70	20.76	22.5	2	
20	16QAM	100	0	20.87	20.95	20.87			
20	64QAM	1	0	20.82	20.85	20.80			
20	64QAM	1	49	20.76	20.75	20.81	22.5	2	
20	64QAM	1	99	20.76	20.76	20.61			
20	64QAM	50	0	19.84	19.92	19.82			
20	64QAM	50	24	19.81	19.87	19.76	21.5	3	
20	64QAM	50	50	19.73	19.73	19.65			
20	64QAM	100	0	19.92	19.93	19.90			
20	256QAM	1	0	17.86	17.88	17.82	19.5	5	
20	256QAM	1	49	17.79	17.83	17.73			
20	256QAM	1	99	17.74	17.79	17.70			
20	256QAM	50	0	17.81	17.94	17.79	19.5	5	
20	256QAM	50	24	17.79	17.86	17.71			
20	256QAM	50	50	17.74	17.73	17.71			
20	256QAM	100	0	17.88	17.90	17.87	24.5	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	24.5	0	
15	QPSK	1	0	22.83	22.77	22.78			
15	QPSK	1	37	22.76	22.75	22.64	23.5	1	
15	QPSK	1	74	22.62	22.66	22.63			
15	QPSK	36	0	21.74	21.89	21.72			
15	QPSK	36	20	21.75	21.83	21.67	23.5	1	
15	QPSK	36	39	21.71	21.67	21.68			
15	QPSK	75	0	21.80	21.78	21.83			
15	16QAM	1	0	21.76	21.83	21.81	23.5	1	
15	16QAM	1	37	21.65	21.63	21.67			
15	16QAM	1	74	21.61	21.71	21.53			
15	16QAM	36	0	20.74	20.87	20.71	22.5	2	
15	16QAM	36	20	20.62	20.77	20.69			
15	16QAM	36	39	20.70	20.63	20.69			
15	16QAM	75	0	20.73	20.92	20.79	22.5	2	
15	64QAM	1	0	20.74	20.80	20.77			
15	64QAM	1	37	20.74	20.71	20.69			
15	64QAM	1	74	20.72	20.63	20.54	21.5	3	
15	64QAM	36	0	19.70	19.85	19.68			
15	64QAM	36	20	19.79	19.84	19.70			
15	64QAM	36	39	19.62	19.60	19.52	19.5	5	
15	64QAM	75	0	19.85	19.90	19.88			
15	256QAM	1	0	17.83	17.77	17.78			
15	256QAM	1	37	17.76	17.75	17.64	19.5	5	
15	256QAM	1	74	17.62	17.66	17.63			
15	256QAM	36	0	17.74	17.89	17.72			
15	256QAM	36	20	17.75	17.83	17.67	19.5	5	
15	256QAM	36	39	17.71	17.67	17.68			
15	256QAM	75	0	17.80	17.78	17.83			
Channel				20800	21100	21400	24.5	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.83	22.77	22.78	24.5	0	
10	QPSK	1	25	22.76	22.74	22.66			
10	QPSK	1	49	22.66	22.75	22.57			
10	QPSK	25	0	21.77	21.90	21.73	23.5	1	
10	QPSK	25	12	21.65	21.77	21.67			
10	QPSK	25	25	21.66	21.60	21.62			
10	QPSK	50	0	21.77	21.88	21.76	23.5	1	
10	16QAM	1	0	21.68	21.81	21.73			
10	16QAM	1	25	21.71	21.69	21.73			
10	16QAM	1	49	21.62	21.69	21.62	22.5	2	
10	16QAM	25	0	20.75	20.87	20.74			
10	16QAM	25	12	20.61	20.77	20.67			
10	16QAM	25	25	20.64	20.56	20.73	22.5	2	
10	16QAM	50	0	20.78	20.86	20.79			
10	64QAM	1	0	20.72	20.73	20.78			
10	64QAM	1	25	20.70	20.72	20.72	21.5	3	
10	64QAM	1	49	20.73	20.72	20.72			
10	64QAM	25	0	19.74	19.79	19.73			
10	64QAM	25	12	19.79	19.79	19.71	19.5	5	
10	64QAM	25	25	19.66	19.67	19.55			
10	64QAM	50	0	19.82	19.88	19.82			
10	256QAM	1	0	17.83	17.77	17.78	19.5	5	
10	256QAM	1	25	17.78	17.74	17.68			
10	256QAM	1	49	17.66	17.75	17.57			
10	256QAM	25	0	17.77	17.90	17.73	19.5	5	
10	256QAM	25	12	17.65	17.77	17.67			
10	256QAM	25	25	17.66	17.60	17.62			
10	256QAM	50	0	17.77	17.88	17.76	24.5	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	24.5	0	
5	QPSK	1	0	22.77	22.79	22.68			
5	QPSK	1	12	22.72	22.75	22.61	23.5	1	
5	QPSK	1	24	22.60	22.76	22.57			
5	QPSK	12	0	21.73	21.80	21.76			
5	QPSK	12	7	21.70	21.72	21.68	23.5	1	
5	QPSK	12	13	21.68	21.60	21.65			
5	QPSK	25	0	21.74	21.78	21.77			
5	16QAM	1	0	21.70	21.77	21.81	23.5	1	
5	16QAM	1	12	21.76	21.67	21.73			
5	16QAM	1	24	21.62	21.61	21.59			
5	16QAM	12	0	20.71	20.78	20.72	22.5	2	
5	16QAM	12	7	20.68	20.80	20.70			
5	16QAM	12	13	20.70	20.62	20.66			
5	16QAM	25	0	20.76	20.88	20.80	22.5	2	
5	64QAM	1	0	20.80	20.79	20.67			
5	64QAM	1	12	20.66	20.61	20.76			
5	64QAM	1	24	20.63	20.67	20.59	21.5	3	
5	64QAM	12	0	19.80	19.84	19.70			
5	64QAM	12	7	19.77	19.79	19.67			
5	64QAM	12	13	19.67	19.61	19.53	19.5	5	
5	64QAM	25	0	19.88	19.89	19.84			
5	256QAM	1	0	17.77	17.79	17.68			
5	256QAM	1	12	17.72	17.75	17.61	19.5	5	
5	256QAM	1	24	17.60	17.76	17.57			
5	256QAM	12	0	17.73	17.80	17.76			
5	256QAM	12	7	17.70	17.72	17.68	19.5	5	
5	256QAM	12	13	17.68	17.60	17.65			
5	256QAM	25	0	17.74	17.78	17.77			

Band 38 DSI 4 Ant 6 ENDC												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				37850	38000	38150						
Frequency (MHz)				2580	2595	2610						
20	QPSK	1	0	22.87	22.94	22.91			24.5	0		
20	QPSK	1	49	22.82	22.90	22.86						
20	QPSK	1	99	22.85	22.87	22.85						
20	QPSK	50	0	21.84	21.99	21.96			23.5	1		
20	QPSK	50	24	21.79	21.91	21.81						
20	QPSK	50	50	21.81	21.91	21.80						
20	QPSK	100	0	21.85	21.97	21.90			23.5	1		
20	16QAM	1	0	21.82	21.95	21.94						
20	16QAM	1	49	21.77	21.95	21.89						
20	16QAM	1	99	21.88	21.92	21.90			22.5	2		
20	16QAM	50	0	20.85	21.01	20.92						
20	16QAM	50	24	20.80	20.93	20.86						
20	16QAM	50	50	20.76	20.89	20.83			22.5	2		
20	16QAM	100	0	20.79	21.00	20.94						
20	64QAM	1	0	20.81	20.92	20.92						
20	64QAM	1	49	20.77	21.00	20.95			21.5	3		
20	64QAM	1	99	20.90	20.92	20.88						
20	64QAM	50	0	19.85	19.94	20.02						
20	64QAM	50	24	19.80	19.97	19.77			19.5	5		
20	64QAM	50	50	19.80	19.91	19.86						
20	64QAM	100	0	19.85	20.00	19.92						
20	256QAM	1	0	17.87	17.94	17.91			19.5	5		
20	256QAM	1	49	17.82	17.90	17.86						
20	256QAM	1	99	17.85	17.87	17.85						
20	256QAM	50	0	17.84	17.99	17.96			19.5	5		
20	256QAM	50	24	17.79	17.91	17.81						
20	256QAM	50	50	17.81	17.91	17.80						
20	256QAM	100	0	17.85	17.97	17.90			24.5	0		
Channel				37825	38000	38175						
Frequency (MHz)				2577.5	2595	2612.5						
				22.78 <td>22.85</td> <td>22.87</td> <td></td> <td></td>	22.85	22.87						
15	QPSK	1	0	22.78	22.85	22.87			24.5	0		
15	QPSK	1	37	22.70	22.78	22.85						
15	QPSK	1	74	22.81	22.85	22.81						
15	QPSK	36	0	21.79	21.89	21.87			23.5	1		
15	QPSK	36	20	21.74	21.88	21.78						
15	QPSK	36	39	21.79	21.85	21.69						
15	QPSK	75	0	21.80	21.92	21.86			23.5	1		
15	16QAM	1	0	21.74	21.90	21.89						
15	16QAM	1	37	21.67	21.88	21.85						
15	16QAM	1	74	21.78	21.81	21.79			22.5	2		
15	16QAM	36	0	20.73	20.94	20.89						
15	16QAM	36	20	20.76	20.83	20.84						
15	16QAM	36	39	20.73	20.86	20.76			22.5	2		
15	16QAM	75	0	20.74	20.92	20.88						
15	64QAM	1	0	20.76	20.91	20.88						
15	64QAM	1	37	20.72	20.92	20.89			22.5	2		
15	64QAM	1	74	20.87	20.91	20.84						
15	64QAM	36	0	19.76	19.91	19.95						
15	64QAM	36	20	19.74	19.94	19.74			21.5	3		
15	64QAM	36	39	19.75	19.86	19.75						
15	64QAM	75	0	19.81	19.89	19.89						
15	256QAM	1	0	17.78	17.85	17.87			19.5	5		
15	256QAM	1	37	17.70	17.78	17.85						
15	256QAM	1	74	17.81	17.85	17.81						
15	256QAM	36	0	17.79	17.89	17.87			19.5	5		
15	256QAM	36	20	17.74	17.88	17.78						
15	256QAM	36	39	17.79	17.85	17.69						
15	256QAM	75	0	17.80	17.92	17.86			24.5	0		
Channel				37800	38000	38200						
Frequency (MHz)				2575	2595	2615						
				22.75 <td>22.86</td> <td>22.85</td> <td></td> <td></td>	22.86	22.85						
10	QPSK	1	0	22.75	22.86	22.85			24.5	0		
10	QPSK	1	25	22.79	22.82	22.84						
10	QPSK	1	49	22.82	22.76	22.72						
10	QPSK	25	0	21.73	21.93	21.91			23.5	1		
10	QPSK	25	12	21.76	21.85	21.80						
10	QPSK	25	25	21.79	21.88	21.71						
10	QPSK	50	0	21.72	21.85	21.83			23.5	1		
10	16QAM	1	0	21.79	21.93	21.87						
10	16QAM	1	25	21.75	21.84	21.79						
10	16QAM	1	49	21.83	21.84	21.82			22.5	2		
10	16QAM	25	0	20.84	20.91	20.81						
10	16QAM	25	12	20.76	20.92	20.76						
10	16QAM	25	25	20.67	20.84	20.81			22.5	2		
10	16QAM	50	0	20.71	20.98	20.86						
10	64QAM	1	0	20.68	20.88	20.83						
10	64QAM	1	25	20.69	20.89	20.91			22.5	2		
10	64QAM	1	49	20.88	20.88	20.76						
10	64QAM	25	0	19.83	19.81	19.92						
10	64QAM	25	12	19.77	19.88	19.75			21.5	3		
10	64QAM	25	25	19.69	19.89	19.83						
10	64QAM	50	0	19.75	19.92	19.81						
10	256QAM	1	0	17.75	17.86	17.85			19.5	5		
10	256QAM	1	25	17.79	17.82	17.84						
10	256QAM	1	49	17.82	17.76	17.72						
10	256QAM	25	0	17.73	17.93	17.91			19.5	5		
10	256QAM	25	12	17.76	17.85	17.80						
10	256QAM	25	25	17.79	17.88	17.71						
10	256QAM	50	0	17.72	17.85	17.83			24.5	0		
Channel				37775	38000	38225						
Frequency (MHz)				2572.5	2595	2617.5						
				22.725 <td>22.88</td> <td>22.82</td> <td></td> <td></td>	22.88	22.82						
5	QPSK	1	0	22.81	22.91	22.85			24.5	0		
5	QPSK	1	12	22.73	22.87	22.74						
5	QPSK	1	24	22.75	22.78	22.82						
5	QPSK	12	0	21.79	21.92	21.86			23.5	1		
5	QPSK	12	7	21.76	21.84	21.80						
5	QPSK	12	13	21.78	21.90	21.69						
5	QPSK	25	0	21.78	21.89	21.84			23.5	1		
5	16QAM	1	0	21.80	21.87	21.92						
5	16QAM	1	12	21.89	21.92	21.84						
5	16QAM	1	24	21.80	21.82	21.89			22.5	2		
5	16QAM	12	0	20.73	20.90	20.85						
5	16QAM	12	7	20.72	20.82	20.82						
5	16QAM	12	13	20.75	20.86	20.71			22.5	2		
5	16QAM	25	0	20.70	20.95	20.90						
5	64QAM	1	0	20.78	20.81	20.86						
5	64QAM	1	12	20.73	20.91	20.93			22.5	2		
5	64QAM	1	24	20.78	20.79	20.82						
5	64QAM	12	0	19.77	19.82	19.97						
5	64QAM	12	7	19.67	19.89	19.71			21.5	3		
5	64QAM	12	13	19.69	19.84	19.79						
5	64QAM	25	0	19.80	19.92	19.90						
5	256QAM	1	0	17.73	17.91	17.85			19.5	5		
5	256QAM	1	12	17.75	17.78	17.74						
5	256QAM	1	24	17.75	17.78	17.82						
5	256QAM	12	0	17.79	17.92	17.86			19.5	5		
5	256QAM	12	7	17.76	17.84	17.80						
5	256QAM	12	13	17.78	17.90	17.69						
5	256QAM	25	0	17.78	17.89	17.84						

Band 42 DSI 4 Ant 8 ENDC											
BW	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	18.73	18.92	18.83	20	0			
20	QPSK	1	49	18.76	18.86	18.68					
20	QPSK	1	99	18.74	18.81	18.75					
20	QPSK	50	0	18.80	18.89	18.78					
20	QPSK	50	24	18.77	18.81	18.81	20	0			
20	QPSK	50	50	18.80	18.82	18.83					
20	QPSK	100	0	18.81	18.83	18.78					
20	16QAM	1	0	18.71	18.85	18.79					
20	16QAM	1	49	18.75	18.83	18.81	20	0			
20	16QAM	1	99	18.71	18.86	18.79					
20	16QAM	50	0	18.69	18.89	18.73					
20	16QAM	50	24	18.69	18.83	18.74					
20	16QAM	50	50	18.63	18.77	18.76	20	0			
20	16QAM	100	0	18.70	18.86	18.78					
20	64QAM	1	0	18.69	18.69	18.73					
20	64QAM	1	49	18.74	18.82	18.85	20	0			
20	64QAM	1	99	18.76	18.83	18.83					
20	64QAM	50	0	18.69	18.87	18.62					
20	64QAM	50	24	18.67	18.80	18.71	20	0			
20	64QAM	50	50	18.76	18.84	18.80					
20	64QAM	100	0	18.66	18.76	18.69					
20	256QAM	1	0	16.94	16.99	17.05	18	2			
20	256QAM	1	49	16.92	16.99	17.06					
20	256QAM	1	99	16.90	17.01	17.03					
20	256QAM	50	0	16.90	17.09	17.02					
20	256QAM	50	24	16.97	17.03	17.06	18	2			
20	256QAM	50	50	16.87	17.07	17.05					
20	256QAM	100	0	16.90	17.07	17.04					
Channel				42165	42590	43015	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5					
15	QPSK	1	0	18.62	18.79	18.74	20	0			
15	QPSK	1	37	18.71	18.80	18.54					
15	QPSK	1	74	18.67	18.70	18.66					
15	QPSK	36	0	18.66	18.75	18.65					
15	QPSK	36	20	18.62	18.66	18.67	20	0			
15	QPSK	36	39	18.72	18.68	18.75					
15	QPSK	75	0	18.73	18.71	18.68					
15	16QAM	1	0	18.66	18.75	18.64					
15	16QAM	1	37	18.70	18.75	18.76	20	0			
15	16QAM	1	74	18.60	18.74	18.68					
15	16QAM	36	0	18.54	18.75	18.69					
15	16QAM	36	20	18.59	18.77	18.64	20	0			
15	16QAM	36	39	18.48	18.67	18.60					
15	16QAM	75	0	18.55	18.77	18.64					
15	64QAM	1	0	18.64	18.55	18.66	20	0			
15	64QAM	1	37	18.64	18.71	18.74					
15	64QAM	1	74	18.71	18.71	18.76					
15	64QAM	36	0	18.64	18.74	18.56					
15	64QAM	36	20	18.55	18.74	18.64	20	0			
15	64QAM	36	39	18.65	18.69	18.66					
15	64QAM	75	0	18.58	18.62	18.60					
15	256QAM	1	0	16.85	16.84	16.90	18	2			
15	256QAM	1	37	16.82	16.85	16.93					
15	256QAM	1	74	16.78	16.91	16.95					
15	256QAM	36	0	16.79	16.99	16.90					
15	256QAM	36	20	16.84	16.93	16.92	18	2			
15	256QAM	36	39	16.72	16.98	16.90					
15	256QAM	75	0	16.76	16.92	16.90					
Channel				42140	42590	43040	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3455	3500	3545					
10	QPSK	1	0	18.66	18.83	18.72	20	0			
10	QPSK	1	25	18.63	18.77	18.58					
10	QPSK	1	49	18.67	18.73	18.61					
10	QPSK	25	0	18.67	18.75	18.73					
10	QPSK	25	12	18.72	18.69	18.66	20	0			
10	QPSK	25	25	18.74	18.68	18.77					
10	QPSK	50	0	18.75	18.77	18.66					
10	16QAM	1	0	18.58	18.74	18.75					
10	16QAM	1	25	18.69	18.79	18.69	20	0			
10	16QAM	1	49	18.65	18.76	18.71					
10	16QAM	25	0	18.61	18.78	18.66					
10	16QAM	25	12	18.63	18.78	18.59	20	0			
10	16QAM	25	25	18.57	18.63	18.68					
10	16QAM	50	0	18.58	18.76	18.66					
10	64QAM	1	0	18.60	18.62	18.58	20	0			
10	64QAM	1	25	18.65	18.77	18.78					
10	64QAM	1	49	18.71	18.74	18.69					
10	64QAM	25	0	18.64	18.75	18.49					
10	64QAM	25	12	18.55	18.68	18.56	20	0			
10	64QAM	25	25	18.68	18.80	18.74					
10	64QAM	50	0	18.61	18.62	18.54					
10	256QAM	1	0	16.87	16.87	16.97	18	2			
10	256QAM	1	25	16.82	16.87	16.95					
10	256QAM	1	49	16.82	16.93	16.88					
10	256QAM	25	0	16.85	16.93	16.93					
10	256QAM	25	12	16.91	16.88	16.96	18	2			
10	256QAM	25	25	16.71	16.98	17.01					
10	256QAM	50	0	16.81	17.00	16.93					
Channel				42115	42590	43065	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5					
5	QPSK	1	0	18.57	18.88	18.71	20	0			
5	QPSK	1	12	18.71	18.71	18.56					
5	QPSK	1	24	18.68	18.65	18.68					
5	QPSK	12	0	18.72	18.82	18.70					
5	QPSK	12	7	18.62	18.75	18.77	20	0			
5	QPSK	12	13	18.73	18.68	18.76					
5	QPSK	25	0	18.70	18.74	18.63					
5	16QAM	1	0	18.63	18.70	18.66					
5	16QAM	1	12	18.63	18.76	18.76	20	0			
5	16QAM	1	24	18.63	18.81	18.73					
5	16QAM	12	0	18.55	18.81	18.69					
5	16QAM	12	7	18.57	18.67	18.65	20	0			
5	16QAM	12	13	18.55	18.68	18.69					
5	16QAM	25	0	18.58	18.80	18.68					
5	64QAM	1	0	18.56	18.54	18.60	20	0			
5	64QAM	1	12	18.63	18.69	18.72					
5	64QAM	1	24	18.69	18.71	18.73					
5	64QAM	12	0	18.65	18.74	18.54					
5	64QAM	12	7	18.56	18.73	18.67	20	0			
5	64QAM	12	13	18.71	18.73	18.72					
5	64QAM	25	0	18.60	18.62	18.58					
5	256QAM	1	0	16.83	16.91	16.98	18	2			
5	256QAM	1	12	16.85	16.88	17.01					
5	256QAM	1	24	16.81	16.95	16.92					
5	256QAM	12	0	16.86	16.94	16.96					
5	256QAM	12	7	16.82	16.97	16.93	18	2			
5	256QAM	12	13	16.78	16.92	16.97					
5	256QAM	25	0	16.78	16.93	16.97					

Reduced Power Mode for DSI 6

GSM850 DSI 6 Ant 0									
Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame Average Power (dBm)				Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251		
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GSM 1 Tx slot	29.49	29.56	29.42	30.50	20.49	20.56	20.42	21.50	
GPRS 1 Tx slot	28.98	29.49	29.41	30.50	19.98	20.49	20.41	21.50	
GPRS 2 Tx slots	28.22	28.20	28.20	29.50	22.22	22.20	22.20	23.50	
GPRS 3 Tx slots	26.07	26.43	26.40	27.50	21.81	22.17	22.14	23.24	
GPRS 4 Tx slots	25.51	25.55	25.52	26.50	22.51	22.55	22.52	23.50	
EDGE 1 Tx slot	25.39	25.45	25.42	27.00	16.39	16.45	16.42	18.00	
EDGE 2 Tx slots	25.43	25.39	25.38	26.00	19.43	19.39	19.38	20.00	
EDGE 3 Tx slots	23.62	23.73	23.68	25.00	19.36	19.47	19.42	20.74	
EDGE 4 Tx slots	21.75	21.71	21.57	23.00	18.75	18.71	18.57	20.00	

WCDMA V DSI 6 Ant 0									
Band	WCDMA V			Tune-up Limit (dBm)					
TX Channel	4132	4182	4233						
Rx Channel	4357	4407	4458						
Frequency (MHz)	826.4	836.4	846.6						
3GPP Rel 99	AMR 12.2Kbps	21.25	21.24	21.18	22.50				
3GPP Rel 99	RMC 12.2Kbps	21.41	21.45	21.43	22.50				
3GPP Rel 6	HSDPA Subtest-1	20.25	20.23	20.27	21.50				
3GPP Rel 6	HSDPA Subtest-2	20.36	20.34	20.21	21.50				
3GPP Rel 6	HSDPA Subtest-3	19.84	19.80	19.76	21.00				
3GPP Rel 6	HSDPA Subtest-4	19.74	19.90	19.82	21.00				
3GPP Rel 8	DC-HSDPA Subtest-1	20.26	20.40	20.21	21.50				
3GPP Rel 8	DC-HSDPA Subtest-2	20.37	20.39	20.17	21.50				
3GPP Rel 8	DC-HSDPA Subtest-3	19.79	19.95	19.63	21.00				
3GPP Rel 8	DC-HSDPA Subtest-4	19.78	19.87	19.67	21.00				
3GPP Rel 6	HSUPA Subtest-1	20.37	20.34	20.22	21.50				
3GPP Rel 6	HSUPA Subtest-2	18.36	18.36	18.20	19.50				
3GPP Rel 6	HSUPA Subtest-3	19.29	19.39	19.19	20.50				
3GPP Rel 6	HSUPA Subtest-4	18.39	18.36	18.24	19.50				
3GPP Rel 6	HSUPA Subtest-5	20.29	20.31	20.21	21.50				

Band 12 DSI 6 Ant 0									
BW [MHz]	Modulat ion	RB Size Channel	RB Offset	Power Level Ch / Freq	Power Level Ch / Freq	Power Level Ch / Freq	Tune-up unit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	2147	2150	2138			
10	QPSK	1	25	2141	2139	2137		22.5	0
10	QPSK	1	25	2143	2140	2143			
10	QPSK	25	0	2138	2146	2136			
10	QPSK	25	12	2136	2141	2136		22.5	0
10	QPSK	25	25	2142	2138	2136			
10	QPSK	50	0	2142	2145	2140			
10	16QAM	1	0	2142	2140	2143			
10	16QAM	1	25	2141	2139	2138		22.5	0
10	16QAM	1	49	2135	2142	2140			
10	16QAM	25	0	2146	2143	2144			
10	16QAM	25	12	2141	2148	2144		22.5	0
10	16QAM	25	25	2137	2145	2143			
10	16QAM	50	0	2139	2148	2144			
10	84QAM	1	0	2145	2140	2145			
10	84QAM	1	25	2136	2141	2146		22.5	0
10	84QAM	1	49	2137	2145	2140			
10	84QAM	25	0	2015	2039	2028			
10	84QAM	25	12	2015	2025	2029	2027	21.5	1
10	84QAM	25	25	2026	2030	2010			
10	84QAM	50	0	2026	2033	2015			
10	256QAM	1	0	1835	1845	1831			
10	256QAM	1	25	1813	1831	1831		19.5	3
10	256QAM	1	49	1818	1830	1821			
10	256QAM	25	0	1821	1836	1827			
10	256QAM	25	12	1813	1827	1812		19.5	3
10	256QAM	25	25	1827	1836	1808			
10	256QAM	50	0	1820	1832	1817			
Channel				23035	23095	23105	Tune-up unit	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	2136	2146	2136			
5	QPSK	1	12	2138	2146	2145		22.5	0
5	QPSK	1	24	2143	2140	2144			
5	QPSK	12	0	2145	2148	2145			
5	QPSK	12	7	2143	2140	2134		22.5	0
5	QPSK	12	13	2141	2145	2135			
5	QPSK	25	0	2135	2136	2136			
5	16QAM	1	0	2142	2137	2134			
5	16QAM	1	25	2145	2147	2143		22.5	0
5	16QAM	1	24	2138	2147	2144			
5	16QAM	12	0	2141	2145	2138			
5	16QAM	12	13	2140	2140	2140		22.5	0
5	16QAM	12	13	2144	2142	2145			
5	16QAM	25	0	2138	2143	2143			
5	84QAM	1	0	2137	2137	2140			
5	84QAM	1	12	2143	2142	2135		22.5	0
5	84QAM	1	24	2138	2137	2141			
5	84QAM	12	0	2022	2031	2024			
5	84QAM	12	17	2028	2027	2030		21.5	1
5	84QAM	12	13	2017	2017	1998			
5	84QAM	25	0	2021	2023	2020			
5	256QAM	1	0	1835	1853	1834			
5	256QAM	1	12	1831	1844	1834		19.5	3
5	256QAM	1	24	1827	1839	1825			
5	256QAM	12	0	1831	1844	1842			
5	256QAM	12	7	1832	1841	1820		19.5	3
5	256QAM	12	13	1836	1837	1827			
5	256QAM	25	0	1835	1849	1830			
Channel				23055	23095	23105	Tune-up unit	MPR (dB)	
Frequency (MHz)				703.5	707.5	714.5			
3	QPSK	1	0	2145	2143	2141			
3	QPSK	1	8	2142	2141	2139		22.5	0
3	QPSK	8	0	2141	2144	2140			
3	QPSK	8	4	2142	2136	2138		22.5	0
3	QPSK	8	7	2137	2139	2139			
3	QPSK	15	0	2136	2145	2136			
3	16QAM	1	0	2144	2147	2145			
3	16QAM	1	8	2139	2147	2135		22.5	0
3	16QAM	1	14	2142	2146	2145			
3	16QAM	8	0	2140	2142	2143			
3	16QAM	8	4	2143	2139	2142		22.5	0
3	16QAM	8	7	2142	2144	2139			
3	16QAM	15	0	2145	2141	2136			
3	84QAM	1	0	2145	2145	2135			
3	84QAM	8	0	2139	2142	2145		22.5	0
3	84QAM	1	14	2135	2138	2138			
3	84QAM	8	0	2003	2032	2015			
3	84QAM	8	4	2014	2022	1998		21.5	1
3	84QAM	8	7	2021	2027	2004			
3	84QAM	15	0	2015	2028	2015			
3	256QAM	1	0	1818	1822	1811			
3	256QAM	1	8	1811	1826	1815		19.5	3
3	256QAM	1	14	1807	1823	1805			
3	256QAM	8	0	1821	1841	1827			
3	256QAM	8	4	1821	1841	1828		19.5	3
3	256QAM	8	7	1821	1833	1814			
3	256QAM	15	0	1826	1838	1824			
Channel				23017	23095	23173	Tune-up unit	MPR (dB)	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	2134	2148	2144			
1.4	QPSK	1	0	2140	2146	2138		22.5	0
1.4	QPSK	1	5	2143	2141	2143			
1.4	QPSK	3	1	2136	2140	2136			
1.4	QPSK	3	1	2134	2147	2140			
1.4	QPSK	3	1	2141	2146	2146		22.5	0
1.4	16QAM	1	0	2143	2145	2138			
1.4	16QAM	1	3	2144	2147	2145			
1.4	16QAM	1	5	2138	2144	2140		22.5	0
1.4	16QAM	3	1	2135	2136	2139			
1.4	16QAM	3	1	2141	2148	2138			
1.4	16QAM	3	3	2145	2145	2135		22.5	0
1.4	16QAM	3	3	2135	2137	2135			
1.4	16QAM	6	0	2140	2144	2144		21.5	1
1.4	16QAM	6	0	2142	2146	2146			
1.4	256QAM	1	3	1785	1804	1799		19.5	3
1.4	256QAM	1	5	1783	1797	1786			
1.4	256QAM	3	3	1795	1793	1781			
1.4	256QAM	3	3	1781	1791	1779			
1.4	256QAM	3	3	1781	1792	1783			
1.4	256QAM	6	0	1787	1801	1791		19.5	3

Band 17 DS1 6 Ant 0									
BW (MHz)	Modula- tion	RB Size	RB Offset	Power Low (Ch. Freq.)	Power High (Ch. Freq.)	Power High (Ch. Freq.)	Tune- up (dBm)	MPR (dB)	
Channel				23760	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	2146	2149	2143			
10	QPSK	12	21	2136	2141	2145	22.5	0	
10	QPSK	1	49	2136	2146	2142			
10	QPSK	25	0	2141	2147	2141			
10	QPSK	25	12	2142	2137	2139			
10	QPSK	25	25	2135	2140	2140	22.5	0	
10	QPSK	50	0	2144	2142	2144			
10	16QAM	1	0	2138	2147	2141			
10	16QAM	1	25	2142	2147	2145	22.5	0	
10	16QAM	1	49	2144	2139	2136			
10	16QAM	25	0	2139	2146	2136			
10	16QAM	25	12	2140	2143	2145			
10	16QAM	25	25	2134	2141	2136	22.5	0	
10	16QAM	50	0	2137	2136	2142			
10	16QAM	1	0	2145	2148	2138			
10	16QAM	25	21	2135	2147	2140	22.5	0	
10	64QAM	1	49	2144	2141	2140			
10	64QAM	25	0	2024	2033	2019			
10	64QAM	25	12	2016	2017	2019			
10	64QAM	25	25	2023	2025	2027	21.5	1	
10	64QAM	50	0	2015	2030	2014			
10	256QAM	1	0	1834	1843	1826			
10	256QAM	1	25	1821	1834	1815	19.5	3	
10	256QAM	1	49	1823	1832	1817			
10	256QAM	25	18	1827	1835	1819			
10	256QAM	25	12	1815	1823	1808	19.5	3	
10	256QAM	25	25	1819	1828	1806			
10	256QAM	50	0	1817	1833	1812			
Frequency (MHz)				706	710	715	Line- up (dBm)	MPR (dB)	
5	QPSK	1	0	2134	2144	2139			
5	QPSK	1	12	2143	2141	2143	22.5	0	
5	QPSK	1	24	2134	2147	2136			
5	QPSK	12	0	2135	2144	2138			
5	QPSK	12	12	2138	2147	2135			
5	QPSK	12	13	2144	2139	2139	22.5	0	
5	QPSK	25	0	2139	2143	2137			
5	16QAM	1	0	2138	2142	2143			
5	16QAM	1	12	2137	2147	2140			
5	16QAM	1	24	2134	2148	2137			
5	16QAM	12	0	2142	2146	2143			
5	16QAM	12	13	2137	2136	2146	22.5	0	
5	16QAM	12	13	2140	2144	2137			
5	16QAM	12	0	2141	2147	2134			
5	64QAM	1	0	2136	2141	2146			
5	64QAM	1	12	2145	2137	2143	22.5	0	
5	64QAM	1	24	2137	2140	2142			
5	64QAM	12	0	2019	2019	2015			
5	64QAM	12	7	2006	2014	2003	21.5	1	
5	64QAM	12	13	2016	2020	1999			
5	64QAM	25	0	2011	2021	2008			

Band 26 DSI 6 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.21	22.33	22.27	23.5	0	
15	QPSK	1	37	22.22	22.23	22.25			
15	QPSK	1	74	22.25	22.21	22.26			
15	QPSK	36	0	22.28	22.29	22.18			
15	QPSK	36	20	22.16	22.23	22.20	23.5	0	
15	QPSK	36	39	22.26	22.28	22.21			
15	QPSK	75	0	22.19	22.28	22.26			
15	16QAM	1	0	22.26	22.24	22.27			
15	16QAM	1	37	22.18	22.32	22.20	23.5	0	
15	16QAM	1	74	22.22	22.32	22.27			
15	16QAM	36	0	21.09	21.22	21.01			
15	16QAM	36	20	20.99	21.01	21.01			
15	16QAM	36	39	20.89	21.10	21.04	22.5	1	
15	16QAM	75	0	20.98	21.14	20.93			
15	64QAM	1	0	21.06	21.17	21.01			
15	64QAM	1	37	20.98	20.91	20.89			
15	64QAM	1	74	20.91	20.98	20.96	21.5	2	
15	64QAM	36	0	20.09	20.13	20.07			
15	64QAM	36	20	19.97	20.09	20.01			
15	64QAM	36	39	19.92	20.08	19.98			
15	256QAM	75	0	20.01	20.15	19.98	19.5	4	
15	256QAM	1	0	18.04	18.15	18.09			
15	256QAM	1	37	17.94	18.09	17.98			
15	256QAM	1	74	17.99	18.07	18.06			
15	256QAM	36	0	18.03	18.13	18.09	19.5	4	
15	256QAM	36	20	17.93	18.02	17.96			
15	256QAM	36	39	17.91	18.04	17.97			
15	256QAM	75	0	17.94	18.11	17.89			
Channel				26740	26865	26990	Tune-up limit	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	22.08	22.15	22.14	23.5	0	
10	QPSK	1	25	22.12	22.10	22.12			
10	QPSK	1	49	22.08	22.11	22.07			
10	QPSK	25	0	22.11	22.14	22.12			
10	QPSK	25	12	22.04	22.09	22.05	23.5	0	
10	QPSK	25	25	22.12	22.08	22.09			
10	QPSK	50	0	22.08	22.15	22.14			
10	16QAM	1	0	22.05	22.13	22.07			
10	16QAM	1	25	22.12	22.11	22.07	23.5	0	
10	16QAM	1	49	22.10	22.17	22.07			
10	16QAM	25	0	20.99	21.13	20.95			
10	16QAM	25	12	20.94	20.95	20.95			
10	16QAM	50	0	20.94	21.11	20.92	22.5	1	
10	64QAM	1	0	21.05	21.09	20.92			
10	64QAM	1	25	20.89	20.84	20.83			
10	64QAM	1	49	20.84	20.86	20.86			
10	64QAM	25	0	20.00	20.05	19.95	21.5	2	
10	64QAM	25	12	19.91	20.02	19.90			
10	64QAM	25	25	19.89	20.03	19.93			
10	64QAM	50	0	19.91	20.06	19.95			
10	256QAM	1	0	17.86	18.07	18.05	19.5	4	
10	256QAM	1	25	17.87	17.97	17.89			
10	256QAM	1	49	17.92	17.99	18.05			
10	256QAM	25	0	18.06	18.07	17.97			
10	256QAM	25	12	17.88	17.94	17.95	19.5	4	
10	256QAM	25	25	17.86	17.98	17.99			
10	256QAM	50	0	17.93	18.04	17.83			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	22.12	22.16	22.06	23.5	0	
5	QPSK	1	12	22.09	22.08	22.08			
5	QPSK	1	24	22.07	22.16	22.09			
5	QPSK	12	0	22.12	22.12	22.08			
5	QPSK	12	7	22.09	22.14	22.13	23.5	0	
5	QPSK	12	13	22.11	22.09	22.07			
5	QPSK	25	0	22.09	22.13	22.13			
5	16QAM	1	0	22.05	22.11	22.10			
5	16QAM	1	12	22.08	22.08	22.15	23.5	0	
5	16QAM	1	24	22.04	22.11	22.04			
5	16QAM	12	0	20.97	21.10	20.90			
5	16QAM	12	7	20.91	20.88	20.92			
5	16QAM	12	13	20.84	20.97	21.01	22.5	1	
5	16QAM	25	0	20.98	21.12	20.83			
5	64QAM	1	0	21.01	21.07	20.97			
5	64QAM	1	12	20.85	20.89	20.87			
5	64QAM	1	24	20.96	20.89	20.85	21.5	2	
5	64QAM	12	0	20.06	20.11	20.02			
5	64QAM	12	7	19.85	20.08	19.88			
5	64QAM	12	13	19.91	19.98	19.92			
5	64QAM	25	0	19.98	20.03	19.89	19.5	4	
5	256QAM	1	0	17.97	18.01	17.96			
5	256QAM	1	12	17.85	18.07	17.85			
5	256QAM	1	24	17.91	17.99	18.01			
5	256QAM	12	0	17.95	17.95	17.81	19.5	4	
5	256QAM	12	7	17.74	17.85	17.86			
5	256QAM	12	13	17.73	17.87	17.84			
5	256QAM	25	0	17.85	17.93	17.74			
Channel				26705	26865	27025	Tune-up limit	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	22.10	22.09	22.09	23.5	0	
3	QPSK	1	8	22.06	22.15	22.13			
3	QPSK	1	14	22.07	22.09	22.04			
3	QPSK	8	0	22.07	22.15	22.03			
3	QPSK	8	4	22.07	22.10	22.13	23.5	0	
3	QPSK	8	7	22.08	22.11	22.04			
3	QPSK	15	0	22.12	22.15	22.04			
3	16QAM	1	0	22.12	22.12	22.09	23.5	0	
3	16QAM	1	8	22.11	22.17	22.07			
3	16QAM	1	14	22.04	22.12	22.07			
3	16QAM	8	0	20.97	21.12	20.84			
3	16QAM	8	4	20.97	20.90	20.93	22.5	1	
3	16QAM	8	7	20.80	21.01	20.93			
3	16QAM	15	0	20.86	21.04	20.84			
3	64QAM	1	0	20.94	21.08	20.88			
3	64QAM	1	8	20.88	20.88	20.81	22.5	1	
3	64QAM	1	14	20.89	20.86	20.91			
3	64QAM	8	0	19.99	20.03	20.03			
3	64QAM	8	4	19.94	20.06	19.97			
3	64QAM	8	7	19.84	19.95	19.91	21.5	2	
3	64QAM	15	0	19.95	20.11	19.87			
3	256QAM	1	0	17.97	18.07	18.07			
3	256QAM	1	8	17.91	17.97	17.94			
3	256QAM	1	14	17.87	18.00	18.04	19.5	4	
3	256QAM	8	0	17.65	17.72	17.56			
3	256QAM	8	4	17.53	17.62	17.58			
3	256QAM	8	7	17.79	17.92	17.87			
3	256QAM	15	0	17.76	17.95	17.76	19.5	4	
Channel				26997	26865	27033	Tune-up limit	MPR (dB)	
Frequency (MHz)				814.7	831.5	846.3			
1.4	QPSK	1	0	22.08	22.08	22.12	23.5	0	
1.4	QPSK	1	3	22.15	22.12	22.10			
1.4	QPSK	1	5	22.12	22.11	22.11			
1.4	QPSK	3	0	22.03	22.16	22.12			
1.4	QPSK	3	1	22.05	22.15	22.09	23.5	0	
1.4	QPSK	3	3	22.04	22.07	22.03			
1.4	QPSK	6	0	22.07	22.15	22.14	23.5	0	
1.4	16QAM	1	0	22.13	22.12	22.13			
1.4	16QAM	1	3	22.08	22.08	22.10	23.5	0	
1.4	16QAM	1	5	22.07	22.17	22.07			
1.4	16QAM	3	0	22.02	22.08	22.07			
1.4	16QAM	3	3	22.05	22.15	22.04			
1.4	16QAM	6	0	20.95	21.04	20.90	22.5	1	
1.4	16QAM	6	3	20.92	20.96	20.82			
1.4	16QAM	6	5	20.85	20.88	20.80			
1.4	16QAM	3	3	20.85	20.86	20.82			
1.4	64QAM	1	0	20.95	21.09	20.82	22.5	1	
1.4	64QAM	3	3	20.85	20.84	20.78			
1.4	64QAM	6	0	19.91	20.04	19.96			
1.4	64QAM	6	3	19.01	19.98	19.05			
1.4	256QAM	1	3	17.82	18.01	17.89	19.5	4	
1.4	256QAM	1	5	17.87	18.03	17.95			
1.4	256QAM	3	3	18.00	17.94	17.95			
1.4	256QAM	3	1	17.77	17.89	17.82			
1.4	256QAM	3	1	17.84	17.97	17.87	19.5	4	
1.4	256QAM	3	3	17.98	17.98	17.82			
1.4	256QAM	3	5	17.98	17.98	17.82			
1.4	256QAM	3	7	17.98	17.98	17.82			

GSM1900 DSI 6 Ant 2							
GSM1900 Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		
	512	661	810		512	661	810
TX Channel	1852.2	1862	1900.3		1852.2	1862	1900.3
Frequency (MHz)	24.29	24.41	24.22	25.50	15.29	15.41	15.22
GSM 1 Tx slot	24.29	24.41	24.22	25.50	15.29	15.41	15.22
GPRS 1 Tx slot	24.18	24.49	24.24	25.50	15.18	15.49	15.24
GPRS 2 Tx slots	21.53	21.47	21.54	23.00	15.53	15.47	15.54
GPRS 3 Tx slots	20.04	19.70	19.84	21.00	15.78	15.44	15.58
GPRS 4 Tx slots	18.77	18.83	18.69	20.00	15.77	15.83	15.69
EDGE 1 Tx slot	22.25	22.45	22.28	23.50	13.25	13.45	13.28
EDGE 2 Tx slots	19.10	19.13	19.13	20.50	13.10	13.13	13.13
EDGE 3 Tx slots	17.43	17.49	17.58	19.00	13.17	13.23	13.32
EDGE 4 Tx slots	15.64	15.63	15.74	17.00	12.64	12.63	12.74

WCDMA II DSI 6 Ant 2				
Band	WCDMA II			Tune-up Limit (dBm)
TX Channel	9262	9400	9538	
Rx Channel	9562	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.08	17.22	17.17
3GPP Rel 99	RMC 12.2Kbps	17.16	17.28	17.27
3GPP Rel 6	HSDPA Subtest-1	16.17	16.31	16.18
3GPP Rel 6	HSDPA Subtest-2	16.05	16.20	16.15
3GPP Rel 6	HSDPA Subtest-3	15.60	15.75	15.60
3GPP Rel 6	HSDPA Subtest-4	15.66	15.73	15.74
3GPP Rel 8	DC-HSDPA Subtest-1	16.20	16.36	16.25
3GPP Rel 8	DC-HSDPA Subtest-2	16.09	16.36	16.22
3GPP Rel 8	DC-HSDPA Subtest-3	15.59	15.92	15.70
3GPP Rel 8	DC-HSDPA Subtest-4	15.60	15.85	15.72
3GPP Rel 6	HSUPA Subtest-1	16.08	16.26	16.18
3GPP Rel 6	HSUPA Subtest-2	14.18	14.39	14.18
3GPP Rel 6	HSUPA Subtest-3	15.14	15.21	15.16
3GPP Rel 6	HSUPA Subtest-4	14.16	14.22	14.21
3GPP Rel 6	HSUPA Subtest-5	16.09	16.23	16.15

Band 2 DSI 6 Ant 2												
BW [MHz]	Modulat on	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
				18700	18800	18900	19100					
20	QPSK	1	0	17.59	17.66	17.61	18.5	0				
20	QPSK	1	49	17.52	17.61	17.60						
20	QPSK	1	99	17.61	17.61	17.56						
20	QPSK	50	0	17.50	17.61	17.55	18.5	0				
20	QPSK	50	24	17.52	17.60	17.60						
20	QPSK	50	50	17.51	17.55	17.56						
20	QPSK	100	0	17.56	17.57	17.56	18.5	0				
20	16QAM	1	0	17.52	17.64	17.55						
20	16QAM	1	49	17.51	17.58	17.57						
20	16QAM	1	99	17.61	17.64	17.62	18.5	0				
20	16QAM	50	0	17.60	17.57	17.59						
20	16QAM	50	24	17.58	17.59	17.58						
20	16QAM	50	50	17.59	17.53	17.56	18.5	0				
20	16QAM	100	0	17.52	17.53	17.51						
20	64QAM	1	0	17.53	17.56	17.62						
20	64QAM	1	49	17.61	17.54	17.62	18.5	0				
20	64QAM	1	99	17.54	17.62	17.55						
20	64QAM	50	0	17.55	17.58	17.54						
20	64QAM	50	24	17.56	17.60	17.56	18.5	0				
20	64QAM	50	50	17.57	17.57	17.62						
20	64QAM	100	0	17.54	17.59	17.57						
20	256QAM	1	0	17.56	17.61	17.62	18.5	0				
20	256QAM	1	49	17.55	17.61	17.55						
20	256QAM	1	99	17.52	17.57	17.61						
20	256QAM	50	0	17.59	17.64	17.58	18.5	0				
20	256QAM	50	24	17.62	17.54	17.59						
20	256QAM	50	50	17.50	17.63	17.57						
20	256QAM	100	0	17.53	17.60	17.55	18.5	0				
Channel												
				18675	18800	19025			19125	Turn-up limit	MPR (dB)	
Frequency (MHz)												
15	QPSK	1	0	17.26	17.29	17.26	18.5	0				
15	QPSK	1	37	17.32	17.29	17.34						
15	QPSK	1	74	17.34	17.35	17.36						
15	QPSK	36	0	17.33	17.39	17.26	18.5	0				
15	QPSK	36	20	17.31	17.28	17.30						
15	QPSK	36	39	17.30	17.35	17.30						
15	QPSK	75	0	17.36	17.29	17.31	18.5	0				
15	16QAM	1	0	17.30	17.33	17.34						
15	16QAM	1	37	17.31	17.37	17.35						
15	16QAM	1	74	17.31	17.34	17.32	18.5	0				
15	16QAM	36	0	17.28	17.29	17.33						
15	16QAM	36	20	17.26	17.33	17.25						
15	16QAM	36	39	17.28	17.36	17.26	18.5	0				
15	16QAM	75	0	17.26	17.34	17.36						
15	64QAM	1	0	17.36	17.34	17.27						
15	64QAM	1	37	17.29	17.33	17.26	18.5	0				
15	64QAM	1	74	17.36	17.31	17.28						
15	64QAM	36	0	17.31	17.36	17.37						
15	64QAM	36	20	17.33	17.36	17.34	18.5	0				
15	64QAM	36	39	17.35	17.32	17.36						
15	64QAM	75	0	17.37	17.35	17.31						
15	256QAM	1	0	17.29	17.29	17.32	18.5	0				
15	256QAM	1	37	17.32	17.30	17.31						
15	256QAM	1	74	17.36	17.33	17.29						
15	256QAM	36	0	17.25	17.38	17.32	18.5	0				
15	256QAM	36	20	17.30	17.32	17.33						
15	256QAM	36	39	17.36	17.33	17.37						
15	256QAM	75	0	17.33	17.31	17.34	18.5	0				
Channel												
				18650	18800	19050			19150	Turn-up limit	MPR (dB)	
Frequency (MHz)												
10	QPSK	1	0	17.35	17.37	17.33	18.5	0				
10	QPSK	1	25	17.26	17.38	17.33						
10	QPSK	1	49	17.35	17.36	17.36						
10	QPSK	25	0	17.36	17.35	17.36	18.5	0				
10	QPSK	25	12	17.36	17.30	17.31						
10	QPSK	25	25	17.36	17.36	17.34						
10	QPSK	50	0	17.30	17.37	17.30	18.5	0				
10	16QAM	1	0	17.27	17.35	17.35						
10	16QAM	1	25	17.29	17.35	17.35						
10	16QAM	1	49	17.36	17.32	17.36	18.5	0				
10	16QAM	25	0	17.36	17.37	17.36						
10	16QAM	25	12	17.33	17.28	17.31						
10	16QAM	25	25	17.28	17.34	17.26	18.5	0				
10	16QAM	50	0	17.26	17.34	17.25						
10	64QAM	1	0	17.27	17.32	17.27						
10	64QAM	1	25	17.37	17.29	17.25	18.5	0				
10	64QAM	1	49	17.26	17.38	17.35						
10	64QAM	25	0	17.35	17.37	17.34						
10	64QAM	25	12	17.25	17.33	17.27	18.5	0				
10	64QAM	25	24	17.35	17.39	17.28						
10	64QAM	50	0	17.33	17.31	17.33						
10	256QAM	1	0	17.26	17.29	17.31	18.5	0				
10	256QAM	1	25	17.36	17.35	17.34						
10	256QAM	1	49	17.36	17.37	17.26						
10	256QAM	25	0	17.36	17.29	17.37	18.5	0				
10	256QAM	25	12	17.30	17.30	17.26						
10	256QAM	25	25	17.36	17.37	17.26						
10	256QAM	50	0	17.26	17.37	17.29	18.5	0				
Channel												
				18625	18800	19075			19175	Turn-up limit	MPR (dB)	
Frequency (MHz)												
5	QPSK	1	0	17.28	17.29	17.27	18.5	0				
5	QPSK	1	12	17.35	17.40	17.28						
5	QPSK	1	24	17.30	17.37	17.35						
5	QPSK	12	0	17.25	17.37	17.29	18.5	0				
5	QPSK	12	13	17.30	17.30	17.32						
5	QPSK	25	0	17.30	17.29	17.27						
5	16QAM	1	0	17.31	17.36	17.37	18.5	0				
5	16QAM	1	12	17.30	17.35	17.35						
5	16QAM	1	24	17.25	17.36	17.29						
5	16QAM	12	0	17.33	17.29	17.35	18.5	0				
5	16QAM	12	7	17.35	17.30	17.31						
5	16QAM	12	13	17.36	17.31	17.32						
5	16QAM	25	0	17.32	17.37	17.26	18.5	0				
5	64QAM	1	0	17.35	17.29	17.32						
5	64QAM	1	12	17.26	17.35	17.34						
5	64QAM	1	24	17.36	17.34	17.37	18.5	0				
5	64QAM	12	0	17.32	17.37	17.36						
5	64QAM	12	7	17.36	17.33	17.30						
5	64QAM	25	0	17.37	17.31	17.31	18.5	0				
5	256QAM	1	0	17.30	17.31	17.30						
5	256QAM	1	12	17.31	17.33	17.36						
5	256QAM	25	24	17.27	17.34	17.32	18.5	0				
5	256QAM	12	0	17.34	17.39	17.29						
5	256QAM	12	13	17.31	17.33	17.29						
5	256QAM	12	13	17.36	17.38	17.25	18.5	0				
5	256QAM	25	0	17.32	17.31	17.37						
Channel												
				18615	18800	19085	19185	Turn-up limit	MPR (dB)			
Frequency (MHz)												
3	QPSK	1	0	17.31	17.31	17.33	18.5	0				
3	QPSK	1	8	17.29	17.36	17.26						
3	QPSK	1	14	17.28	17.31	17.27						
3	QPSK	8	0	17.37	17.30	17.30	18.5	0				
3	QPSK	8	4	17.28	17.30	17.32						
3	QPSK	8	7	17.35	17.36	17.25						
3	QPSK	15	0	17.28	17.32	17.36	18.5	0				

Band 4 DSI 6 Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	16.86	16.98	16.87			
20	QPSK	1	49	16.87	16.94	16.93	18	0	
20	QPSK	1	99	16.83	16.95	16.92			
20	QPSK	50	0	16.93	16.95	16.91			
20	QPSK	50	24	16.93	16.88	16.83	18	0	
20	QPSK	50	50	16.90	16.92	16.87			
20	QPSK	100	0	16.87	16.92	16.86			
20	16QAM	1	0	16.91	16.90	16.92	18	0	
20	16QAM	1	49	16.89	16.94	16.87			
20	16QAM	1	99	16.84	16.91	16.92			
20	16QAM	50	0	16.84	16.95	16.90			
20	16QAM	50	24	16.94	16.95	16.86	18	0	
20	16QAM	50	50	16.84	16.94	16.88			
20	16QAM	100	0	16.87	16.89	16.91			
20	64QAM	1	0	16.92	16.88	16.88			
20	64QAM	1	49	16.84	16.91	16.94	18	0	
20	64QAM	1	99	16.93	16.90	16.93			
20	64QAM	50	0	16.86	16.94	16.88			
20	64QAM	50	24	16.92	16.90	16.94	18	0	
20	64QAM	50	50	16.85	16.96	16.84			
20	64QAM	100	0	16.84	16.94	16.92			
20	256QAM	1	0	16.93	16.94	16.89			
20	256QAM	1	49	16.88	16.87	16.90	18	0	
20	256QAM	1	99	16.91	16.87	16.86			
20	256QAM	50	0	16.95	16.87	16.94			
20	256QAM	50	24	16.87	16.91	16.83	18	0	
20	256QAM	50	50	16.93	16.85	16.92			
20	256QAM	100	0	16.84	16.94	16.85			
Channel				20025	20175	20325	Tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	16.93	16.90	16.87			
15	QPSK	1	37	16.85	16.90	16.93	18	0	
15	QPSK	1	74	16.86	16.89	16.92			
15	QPSK	36	0	16.83	16.88	16.84			
15	QPSK	36	20	16.94	16.84	16.87	18	0	
15	QPSK	36	39	16.93	16.97	16.94			
15	QPSK	75	0	16.89	16.92	16.90			
15	16QAM	1	0	16.95	16.94	16.93			
15	16QAM	1	37	16.95	16.95	16.85	18	0	
15	16QAM	1	74	16.85	16.87	16.94			
15	16QAM	36	0	16.93	16.96	16.92			
15	16QAM	36	20	16.87	16.87	16.89	18	0	
15	16QAM	36	39	16.84	16.93	16.89			
15	16QAM	75	0	16.91	16.91	16.86			
15	64QAM	1	0	16.94	16.85	16.83	18	0	
15	64QAM	1	37	16.85	16.91	16.87			
15	64QAM	1	74	16.95	16.87	16.89			
15	64QAM	36	0	16.93	16.90	16.86			
15	64QAM	36	20	16.94	16.89	16.91	18	0	
15	64QAM	36	39	16.93	16.95	16.87			
15	64QAM	75	0	16.91	16.89	16.91			
15	256QAM	1	0	16.90	16.91	16.85			
15	256QAM	1	37	16.88	16.95	16.86	18	0	
15	256QAM	1	74	16.92	16.90	16.90			
15	256QAM	36	0	16.86	16.89	16.94			
15	256QAM	36	20	16.86	16.87	16.86	18	0	
15	256QAM	36	39	16.93	16.91	16.85			
15	256QAM	75	0	16.94	16.85	16.85			
Channel				20000	20175	20350	Tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	16.85	16.87	16.90			
10	QPSK	1	25	16.93	16.87	16.95	18	0	
10	QPSK	1	49	16.88	16.97	16.83			
10	QPSK	25	0	16.90	16.87	16.89			
10	QPSK	25	12	16.88	16.92	16.93	18	0	
10	QPSK	25	25	16.86	16.93	16.83			
10	QPSK	50	0	16.95	16.88	16.95			
10	16QAM	1	0	16.85	16.96	16.92			
10	16QAM	1	25	16.93	16.88	16.88	18	0	
10	16QAM	1	49	16.84	16.94	16.84			
10	16QAM	25	0	16.93	16.86	16.95			
10	16QAM	25	12	16.88	16.87	16.93	18	0	
10	16QAM	25	25	16.85	16.91	16.94			
10	16QAM	50	0	16.84	16.91	16.88			
10	64QAM	1	0	16.84	16.91	16.92			
10	64QAM	1	25	16.92	16.87	16.85	18	0	
10	64QAM	1	49	16.94	16.89	16.92			
10	64QAM	25	0	16.85	16.94	16.88			
10	64QAM	25	12	16.86	16.97	16.86	18	0	
10	64QAM	25	25	16.93	16.94	16.87			
10	64QAM	50	0	16.86	16.94	16.91			
10	256QAM	1	0	16.88	16.85	16.86			
10	256QAM	1	25	16.87	16.87	16.84	18	0	
10	256QAM	1	49	16.84	16.89	16.89			
10	256QAM	25	0	16.85	16.92	16.92			
10	256QAM	25	12	16.92	16.89	16.92	18	0	
10	256QAM	25	25	16.84	16.93	16.87			
10	256QAM	50	0	16.94	16.91	16.87			
Channel				19975	20175	20375	Tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	16.87	16.90	16.90			
5	QPSK	1	12	16.90	16.85	16.91	18	0	
5	QPSK	1	24	16.83	16.93	16.91			
5	QPSK	12	0	16.90	16.88	16.92			
5	QPSK	12	7	16.94	16.86	16.88	18	0	
5	QPSK	12	13	16.87	16.92	16.94			
5	QPSK	25	0	16.90	16.86	16.85			
5	16QAM	1	0	16.93	16.90	16.95			
5	16QAM	1	12	16.84	16.95	16.84	18	0	
5	16QAM	1	24	16.84	16.95	16.88			
5	16QAM	12	0	16.92	16.88	16.88			
5	16QAM	12	7	16.87	16.97	16.89	18	0	
5	16QAM	12	13	16.88	16.89	16.93			
5	64QAM	1	0	16.90	16.96	16.88			
5	64QAM	1	12	16.93	16.95	16.93	18	0	
5	64QAM	1	24	16.86	16.95	16.93			
5	64QAM	12	0	16.87	16.96	16.83	18	0	
5	64QAM	12	13	16.91	16.87	16.95			
5	64QAM	25	0	16.87	16.95	16.92			
5	256QAM	1	0	16.90	16.92	16.84			
5	256QAM	1	12	16.94	16.90	16.90	18	0	
5	256QAM	1	24	16.85	16.96	16.86			
5	256QAM	12	0	16.87	16.91	16.94			
5	256QAM	12	7	16.93	16.87	16.91	18	0	
5	256QAM	12	13	16.87	16.90	16.88			
5	256QAM	25	0	16.84	16.95	16.90			
Channel				19965	20175	20385	Tune-up limit	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	16.95	16.93	16.84			
3	QPSK	1	8	16.94	16.96	16.86	18	0	
3	QPSK	1	14	16.87	16.96	16.94			
3	QPSK	8	0	16.93	16.90	16.91			
3	QPSK	8	4	16.84	16.89	16.94	18	0	
3	QPSK	8	7	16.83	16.96	16.90			
3	QPSK	15	0	16.88	16.93	16.84			

Band 25 DSI 6 Ant 2												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.		Power Middle Ch./Freq.		Power High Ch./Freq.		Tune-up limit (dBm)	MPR (dB)	
				26140	1800	26340	1800	26590	1905			
Channel												
Frequency (MHz)												
20	QPSK	1	0	17.67	17.75	17.72				18.5	0	
20	QPSK	1	49	17.67	17.63	17.63						
20	QPSK	1	99	17.61	17.59	17.59						
20	QPSK	50	0	17.58	17.73	17.66				18.5	0	
20	QPSK	50	24	17.59	17.61	17.56						
20	QPSK	50	50	17.57	17.60	17.65						
20	QPSK	100	0	17.60	17.70	17.67				18.5	0	
20	16QAM	1	0	17.59	17.70	17.64						
20	16QAM	1	49	17.59	17.63	17.55						
20	16QAM	1	99	17.61	17.64	17.62				18.5	0	
20	16QAM	50	0	17.56	17.62	17.56						
20	16QAM	50	24	17.62	17.68	17.64						
20	16QAM	50	50	17.59	17.61	17.64				18.5	0	
20	16QAM	100	0	17.65	17.63	17.62						
20	64QAM	1	0	17.65	17.66	17.63						
20	64QAM	1	49	17.56	17.69	17.55				18.5	0	
20	64QAM	1	99	17.61	17.68	17.65						
20	64QAM	50	0	17.55	17.67	17.57						
20	64QAM	50	24	17.61	17.63	17.60				18.5	0	
20	64QAM	50	50	17.59	17.69	17.64						
20	64QAM	100	0	17.66	17.65	17.63						
20	256QAM	1	0	17.64	17.66	17.65				18.5	0	
20	256QAM	1	49	17.56	17.69	17.60						
20	256QAM	1	99	17.63	17.68	17.58						
20	256QAM	50	0	17.57	17.61	17.60				18.5	0	
20	256QAM	50	24	17.62	17.60	17.64						
20	256QAM	50	50	17.57	17.63	17.58						
20	256QAM	100	0	17.56	17.63	17.67						
Channel												
Frequency (MHz)												
15	QPSK	1	0	17.32	17.31	17.34				18.5	0	
15	QPSK	1	37	17.33	17.33	17.30						
15	QPSK	1	74	17.25	17.31	17.26						
15	QPSK	36	0	17.33	17.29	17.37				18.5	0	
15	QPSK	36	20	17.33	17.33	17.36						
15	QPSK	36	39	17.29	17.30	17.31						
15	QPSK	75	0	17.36	17.29	17.27				18.5	0	
15	16QAM	1	0	17.32	17.39	17.34						
15	16QAM	1	37	17.30	17.34	17.33						
15	16QAM	1	74	17.31	17.33	17.36				18.5	0	
15	16QAM	36	0	17.30	17.38	17.30						
15	16QAM	36	20	17.30	17.29	17.34						
15	16QAM	36	39	17.30	17.38	17.30				18.5	0	
15	16QAM	75	0	17.28	17.31	17.35						
15	64QAM	1	0	17.28	17.30	17.33						
15	64QAM	1	37	17.30	17.37	17.26				18.5	0	
15	64QAM	1	74	17.36	17.32	17.36						
15	64QAM	36	0	17.37	17.29	17.32						
15	64QAM	36	20	17.32	17.32	17.29				18.5	0	
15	64QAM	36	39	17.32	17.37	17.35						
15	64QAM	75	0	17.35	17.38	17.37						
15	256QAM	1	0	17.33	17.37	17.28				18.5	0	
15	256QAM	1	37	17.34	17.29	17.25						
15	256QAM	1	74	17.35	17.37	17.27						
15	256QAM	36	0	17.27	17.39	17.32				18.5	0	
15	256QAM	36	20	17.27	17.34	17.35						
15	256QAM	36	39	17.37	17.37	17.29						
15	256QAM	75	0	17.36	17.38	17.25						
Channel												
Frequency (MHz)												
10	QPSK	1	0	17.28	17.30	17.34				18.5	0	
10	QPSK	1	25	17.25	17.34	17.25						
10	QPSK	1	49	17.33	17.33	17.36						
10	QPSK	25	0	17.34	17.38	17.31				18.5	0	
10	QPSK	25	12	17.32	17.30	17.35						
10	QPSK	25	25	17.29	17.28	17.28						
10	QPSK	50	0	17.26	17.36	17.37				18.5	0	
10	16QAM	1	0	17.28	17.39	17.34						
10	16QAM	1	25	17.26	17.36	17.38						
10	16QAM	1	49	17.34	17.28	17.36				18.5	0	
10	16QAM	25	0	17.36	17.32	17.32						
10	16QAM	25	12	17.30	17.34	17.29						
10	16QAM	25	25	17.26	17.35	17.29				18.5	0	
10	16QAM	50	0	17.30	17.32	17.26						
10	64QAM	1	0	17.36	17.34	17.35						
10	64QAM	1	25	17.35	17.39	17.28				18.5	0	
10	64QAM	1	49	17.31	17.38	17.28						
10	64QAM	25	0	17.32	17.39	17.29						
10	64QAM	25	12	17.35	17.33	17.34				18.5	0	
10	64QAM	25	25	17.31	17.32	17.34						
10	64QAM	50	0	17.25	17.33	17.27						
10	256QAM	1	0	17.35	17.31	17.37				18.5	0	
10	256QAM	1	25	17.29	17.28	17.33						
10	256QAM	1	49	17.31	17.39	17.28						
10	256QAM	25	0	17.36	17.28	17.32				18.5	0	
10	256QAM	25	12	17.32	17.35	17.36						
10	256QAM	25	25	17.28	17.25	17.25						
10	256QAM	50	0	17.25	17.33	17.34						
Channel												
Frequency (MHz)												
5	QPSK	1	0	17.33	17.31	17.35				18.5	0	
5	QPSK	1	12	17.30	17.28	17.31						
5	QPSK	1	24	17.31	17.29	17.28						
5	QPSK	12	0	17.31	17.33	17.27				18.5	0	
5	QPSK	12	7	17.27	17.30	17.31						
5	QPSK	12	13	17.32	17.34	17.30						
5	QPSK	25	0	17.32	17.39	17.33				18.5	0	
5	16QAM	1	0	17.33	17.30	17.27						
5	16QAM	1	12	17.28	17.32	17.36						
5	16QAM	1	24	17.36	17.30	17.32				18.5	0	
5	16QAM	12	0	17.35	17.30	17.28						
5	16QAM	12	7	17.26	17.28	17.36						
5	16QAM	12	13	17.30	17.35	17.31				18.5	0	
5	16QAM	25	0	17.32	17.37	17.35						
5	64QAM	1	0	17.37	17.32	17.26						
5	64QAM	1	12	17.27	17.32	17.34				18.5	0	
5	64QAM	1	24	17.29	17.30	17.26						
5	64QAM	12	0	17.28	17.36	17.26						
5	64QAM	12	7	17.33	17.35	17.34				18.5	0	
5	64QAM	12	13	17.36	17.36	17.33						
5	64QAM	25	0	17.27	17.37	17.29						
5	256QAM	1	0	17.34	17.31	17.29				18.5	0	
5	256QAM	1	12	17.28	17.29	17.30						
5	256QAM	1	24	17.37	17.37	17.28						
5	256QAM	12	0	17.29	17.29	17.37				18.5	0	
5	256QAM	12	7	17.25	17.35	17.25						
5	256QAM	12	13	17.27	17.28	17.26						
5	256QAM	25	0	17.29	17.32	17.34						
Channel												
Frequency (MHz)												
3	QPSK	1	0	17.33	17.36	17.25				18.5	0	
3	QPSK	1	8	17.27	17.30	17.33						
3	QPSK	1	14	17.32	17.37	17.36						
3	QPSK	8	0	17.30	17.34	17.29				18.5	0	
3	QPSK	8	4	17.37	17.39	17.34						
3	QPSK	8	7	17.26	17.30	17.36						
3	QPSK	15	0	17.37	17.40	17.28						

3	16QAM	1	0	17.34	17.35	17.30	18.5	0
3	16QAM	1	8	17.27	17.39	17.28		
3	16QAM	1	14	17.26	17.39	17.25		
3	16QAM	8	0	17.33	17.34	17.36	18.5	0
3	16QAM	8	4	17.36	17.34	17.31		
3	16QAM	8	7	17.31	17.32	17.35		
3	16QAM	15	0	17.27	17.32	17.34	18.5	0
3	64QAM	1	0	17.35	17.32	17.27		
3	64QAM	1	8	17.37	17.32	17.34		
3	64QAM	1	14	17.32	17.31	17.36	18.5	0
3	64QAM	8	0	17.33	17.36	17.29		
3	64QAM	8	4	17.29	17.35	17.27		
3	64QAM	8	7	17.27	17.29	17.28	18.5	0
3	64QAM	15	0	17.31	17.35	17.31		
3	256QAM	1	0	17.26	17.38	17.31		
3	256QAM	1	8	17.35	17.33	17.26	18.5	0
3	256QAM	1	14	17.28	17.30	17.26		
3	256QAM	8	0	17.36	17.30	17.37		
3	256QAM	8	4	17.33	17.34	17.36	18.5	0
3	256QAM	8	7	17.25	17.40	17.25		
3	256QAM	15	0	17.28	17.38	17.35		
Channel				18607	18900	19193	Tune-up limit	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3	18.5	0
1.4	QPSK	1	0	17.32	17.34	17.31		
1.4	QPSK	1	3	17.31	17.32	17.37		
1.4	QPSK	1	5	17.32	17.38	17.28	18.5	0
1.4	QPSK	3	0	17.27	17.35	17.28		
1.4	QPSK	3	1	17.29	17.31	17.27		
1.4	QPSK	3	3	17.36	17.30	17.33	18.5	0
1.4	QPSK	6	0	17.29	17.30	17.26		
1.4	16QAM	1	0	17.30	17.30	17.27		
1.4	16QAM	1	3	17.31	17.29	17.28	18.5	0
1.4	16QAM	1	5	17.35	17.34	17.34		
1.4	16QAM	3	0	17.34	17.39	17.31		
1.4	16QAM	3	1	17.37	17.30	17.33	18.5	0
1.4	16QAM	3	3	17.27	17.35	17.27		
1.4	16QAM	6	0	17.32	17.29	17.37		
1.4	64QAM	1	0	17.35	17.39	17.26	18.5	0
1.4	64QAM	1	3	17.35	17.40	17.26		
1.4	64QAM	1	5	17.30	17.28	17.32		
1.4	64QAM	3	0	17.27	17.33	17.26	18.5	0
1.4	64QAM	3	1	17.29	17.39	17.32		
1.4	64QAM	3	3	17.25	17.34	17.33		
1.4	64QAM	6	0	17.34	17.35	17.35	18.5	0
1.4	256QAM	1	0	17.34	17.33	17.34		
1.4	256QAM	1	3	17.37	17.36	17.31		
1.4	256QAM	1	5	17.30	17.39	17.29	18.5	0
1.4	256QAM	3	0	17.28	17.37	17.34		
1.4	256QAM	3	1	17.30	17.29	17.33		
1.4	256QAM	3	3	17.33	17.37	17.29	18.5	0
1.4	256QAM	6	0	17.29	17.29	17.29		

3	16QAM	1	0	16.83	16.96	16.85	18	0
3	16QAM	1	8	16.85	16.96	16.89		
3	16QAM	1	14	16.90	16.87	16.95		
3	16QAM	8	0	16.94	16.92	16.91	18	0
3	16QAM	8	4	16.92	16.97	16.91		
3	16QAM	8	7	16.90	16.86	16.85		
3	16QAM	15	0	16.90	16.89	16.87	18	0
3	64QAM	1	0	16.92	16.95	16.86		
3	64QAM	1	8	16.86	16.95	16.90		
3	64QAM	1	14	16.92	16.95	16.93	18	0
3	64QAM	8	0	16.88	16.95	16.85		
3	64QAM	8	4	16.88	16.95	16.87		
3	64QAM	8	7	16.86	16.86	16.85	18	0
3	64QAM	15	0	16.85	16.91	16.90		
3	256QAM	1	0	16.91	16.96	16.90		
3	256QAM	1	8	16.91	16.92	16.92	18	0
3	256QAM	1	14	16.83	16.88	16.87		
3	256QAM	8	0	16.84	16.94	16.92		
3	256QAM	8	4	16.88	16.94	16.84	18	0
3	256QAM	8	7	16.83	16.91	16.90		
3	256QAM	15	0	16.84	16.87	16.89		
Channel				19957	20175	20393	Tune-up limit	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3	18	0
1.4	QPSK	1	0	16.91	16.96	16.92		
1.4	QPSK	1	3	16.91	16.97	16.95		
1.4	QPSK	1	5	16.93	16.91	16.91	18	0
1.4	QPSK	3	0	16.94	16.93	16.87		
1.4	QPSK	3	1	16.83	16.96	16.93		
1.4	QPSK	3	3	16.90	16.91	16.84	18	0
1.4	QPSK	6	0	16.94	16.97	16.84		
1.4	16QAM	1	0	16.88	16.93	16.88		
1.4	16QAM	1	3	16.86	16.94	16.88	18	0
1.4	16QAM	1	5	16.89	16.90	16.86		
1.4	16QAM	3	0	16.94	16.87	16.89		
1.4	16QAM	3	1	16.87	16.85	16.92	18	0
1.4	16QAM	3	3	16.84	16.88	16.87		
1.4	16QAM	6	0	16.89	16.89	16.95		
1.4	64QAM	1	0	16.85	16.93	16.89	18	0
1.4	64QAM	1	3	16.90	16.85	16.90		
1.4	64QAM	1	5	16.83	16.97	16.85		
1.4	64QAM	3	0	16.87	16.87	16.90	18	0
1.4	64QAM	3	1	16.90	16.91	16.92		
1.4	64QAM	3	3	16.94	16.95	16.90		
1.4	64QAM	6	0	16.91	16.92	16.93	18	0
1.4	256QAM	1	0	16.84	16.89	16.84		
1.4	256QAM	1	3	16.85	16.92	16.95		
1.4	256QAM	1	5	16.86	16.91	16.85	18	0
1.4	256QAM	3	0	16.92	16.90	16.86		
1.4	256QAM	3	1	16.84	16.89	16.88		
1.4	256QAM	3	3	16.85	16.86	16.92	18	0
1.4	256QAM	6	0	16.84	16.86	16.89		

3	16QAM	1	0	17.25	17.32	17.35	18.5	0
3	16QAM	1	8	17.33	17.35	17.30		
3	16QAM	1	14	17.26	17.39	17.29		
3	16QAM	8	0	17.27	17.28	17.27	18.5	0
3	16QAM	8	4	17.29	17.32	17.29		
3	16QAM	8	7	17.25	17.36	17.33		
3	16QAM	15	0	17.33	17.29	17.27	18.5	0
3	64QAM	1	0	17.34	17.37	17.27		
3	64QAM	1	8	17.29	17.35	17.36		
3	64QAM	1	14	17.29	17.39	17.27	18.5	0
3	64QAM	8	0	17.25	17.33	17.30		
3	64QAM	8	4	17.26	17.34	17.30		
3	64QAM	8	7	17.31	17.29	17.30	18.5	0
3	64QAM	15	0	17.35	17.30	17.25		
3	256QAM	1	0	17.33	17.31	17.34		
3	256QAM	1	8	17.27	17.34	17.28	18.5	0
3	256QAM	1	14	17.26	17.35	17.37		
3	256QAM	8	0	17.33	17.33	17.30		
3	256QAM	8	4	17.35	17.35	17.28	18.5	0
3	256QAM	8	7	17.26	17.36	17.29		
3	256QAM	15	0	17.33	17.31	17.25		
Channel				26047	26340	26683	Tune-up limit	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3	18.5	0
1.4	QPSK	1	0	17.32	17.33	17.27		
1.4	QPSK	1	3	17.34	17.34	17.29		
1.4	QPSK	1	5	17.33	17.33	17.29	18.5	0
1.4	QPSK	3	0	17.34	17.35	17.33		
1.4	QPSK	3	1	17.25	17.31	17.35		
1.4	QPSK	3	3	17.27	17.36	17.29	18.5	0
1.4	QPSK	6	0	17.36	17.33	17.34		
1.4	16QAM	1	0	17.26	17.31	17.31		
1.4	16QAM	1	3	17.33	17.29	17.33	18.5	0
1.4	16QAM	1	5	17.33	17.33	17.27		
1.4	16QAM	3	0	17.34	17.38	17.31		
1.4	16QAM	3	1	17.30	17.32	17.32	18.5	0
1.4	16QAM	3	3	17.33	17.36	17.29		
1.4	16QAM	6	0	17.37	17.31	17.33		
1.4	64QAM	1	0	17.28	17.28	17.27	18.5	0
1.4	64QAM	1	3	17.25	17.32	17.26		
1.4	64QAM	1	5	17.30	17.32	17.28		
1.4	64QAM	3	0	17.32	17.36	17.25	18.5	0
1.4	64QAM	3	1	17.25	17.39	17.32		
1.4	64QAM	3	3	17.35	17.35	17.31		
1.4	64QAM	6	0	17.26	17.38	17.33	18.5	0
1.4	256QAM	1	0	17.36	17.37	17.26	18.5	0
1.4	256QAM	1	3	17.36	17.33	17.29		
1.4	256QAM	1	5	17.33	17.34	17.34		
1.4	256QAM	3	0	17.27	17.33	17.31	18.5	0
1.4	256QAM	3	1	17.27	17.30	17.34		
1.4	256QAM	3	3	17.35	17.29	17.28		
1.4	256QAM	6	0	17.36	17.34	17.32	18.5	0

Band 66 DSI 6 Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				132072	132322	132572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	16.87	17.02	16.92	18		0	
20	QPSK	1	49	16.93	16.85	16.88				
20	QPSK	1	99	16.92	16.93	16.95				
20	QPSK	50	0	16.94	16.97	16.85				
20	QPSK	50	24	16.92	16.92	16.89				
20	QPSK	50	50	16.87	16.87	16.87				
20	QPSK	100	0	16.90	16.93	16.89	18		0	
20	16QAM	1	0	16.92	16.94	16.83				
20	16QAM	1	49	16.92	16.94	16.90				
20	16QAM	1	99	16.89	16.92	16.87				
20	16QAM	50	0	16.91	16.94	16.86				
20	16QAM	50	24	16.88	16.85	16.88				
20	16QAM	50	50	16.94	16.89	16.83	18		0	
20	16QAM	100	0	16.85	16.92	16.86				
20	64QAM	1	0	16.85	16.97	16.84				
20	64QAM	1	49	16.85	16.91	16.90				
20	64QAM	1	99	16.93	16.90	16.91				
20	64QAM	50	0	16.90	16.89	16.92	18		0	
20	64QAM	50	24	16.94	16.96	16.93				
20	64QAM	50	50	16.91	16.88	16.85				
20	64QAM	100	0	16.89	16.96	16.91				
20	256QAM	1	0	16.86	16.92	16.88				
20	256QAM	1	49	16.84	16.93	16.86	18		0	
20	256QAM	1	99	16.88	16.89	16.87				
20	256QAM	50	0	16.92	16.90	16.90				
20	256QAM	50	24	16.94	16.90	16.86				
20	256QAM	50	50	16.95	16.92	16.91				
20	256QAM	100	0	16.91	16.87	16.83	18		0	
Channel				132047	132322	132597				
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit	MPR (dB)		
15	QPSK	1	0	16.83	16.89	16.85	18		0	
15	QPSK	1	37	16.86	16.92	16.89				
15	QPSK	1	74	16.88	16.87	16.87				
15	QPSK	36	0	16.94	16.96	16.90				
15	QPSK	36	20	16.90	16.86	16.89				
15	QPSK	36	39	16.90	16.91	16.83				
15	QPSK	75	0	16.89	16.90	16.90	18		0	
15	16QAM	1	0	16.84	16.87	16.93				
15	16QAM	1	37	16.93	16.93	16.87				
15	16QAM	1	74	16.93	16.88	16.88				
15	16QAM	36	0	16.92	16.94	16.90				
15	16QAM	36	20	16.88	16.95	16.86				
15	16QAM	36	39	16.91	16.92	16.92	18		0	
15	16QAM	75	0	16.93	16.92	16.89				
15	64QAM	1	0	16.83	16.89	16.88				
15	64QAM	1	37	16.91	16.88	16.94				
15	64QAM	1	74	16.89	16.93	16.84				
15	64QAM	36	0	16.93	16.85	16.94				
15	64QAM	36	20	16.85	16.89	16.92	18		0	
15	64QAM	36	39	16.89	16.93	16.86				
15	64QAM	75	0	16.87	16.92	16.87				
15	256QAM	1	0	16.84	16.86	16.88				
15	256QAM	1	37	16.93	16.89	16.84				
15	256QAM	1	74	16.87	16.94	16.91				
15	256QAM	36	0	16.83	16.88	16.92	18		0	
15	256QAM	36	20	16.92	16.89	16.89				
15	256QAM	36	39	16.93	16.87	16.91				
15	256QAM	75	0	16.89	16.97	16.85				
Channel				132022	132322	132622				
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	16.88	16.97	16.92	18		0	
10	QPSK	1	25	16.91	16.91	16.85				
10	QPSK	1	49	16.93	16.90	16.87				
10	QPSK	25	0	16.88	16.91	16.92				
10	QPSK	25	12	16.94	16.85	16.94				
10	QPSK	25	25	16.85	16.93	16.93				
10	QPSK	50	0	16.85	16.96	16.92	18		0	
10	16QAM	1	0	16.94	16.90	16.85				
10	16QAM	1	25	16.90	16.87	16.91				
10	16QAM	1	49	16.85	16.96	16.85				
10	16QAM	25	0	16.87	16.88	16.85				
10	16QAM	25	12	16.91	16.94	16.88				
10	16QAM	25	25	16.93	16.92	16.93	18		0	
10	16QAM	50	0	16.88	16.93	16.87				
10	64QAM	1	0	16.89	16.88	16.89				
10	64QAM	1	25	16.89	16.88	16.88				
10	64QAM	1	49	16.92	16.91	16.84				
10	64QAM	25	0	16.86	16.88	16.89				
10	64QAM	25	12	16.88	16.93	16.87	18		0	
10	64QAM	25	25	16.89	16.94	16.89				
10	64QAM	50	0	16.85	16.88	16.91				
10	256QAM	1	0	16.94	16.93	16.87				
10	256QAM	1	25	16.93	16.88	16.95				
10	256QAM	1	49	16.93	16.95	16.89				
10	256QAM	25	0	16.88	16.93	16.84	18		0	
10	256QAM	25	12	16.86	16.85	16.93				
10	256QAM	25	25	16.93	16.86	16.89				
10	256QAM	50	0	16.94	16.85	16.93				
Channel				131997	132322	132647	Tune-up limit	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	16.85	16.92	16.94	18		0	
5	QPSK	1	12	16.85	16.85	16.87				
5	QPSK	1	24	16.94	16.94	16.92				
5	QPSK	12	0	16.92	16.86	16.85				
5	QPSK	12	7	16.95	16.89	16.92				
5	QPSK	12	13	16.85	16.94	16.91				
5	QPSK	25	0	16.86	16.93	16.85	18		0	
5	16QAM	1	0	16.91	16.86	16.91				
5	16QAM	1	12	16.88	16.85	16.94				
5	16QAM	1	24	16.92	16.97	16.85				
5	16QAM	12	0	16.87	16.97	16.89				
5	16QAM	12	7	16.88	16.92	16.83				
5	16QAM	12	13	16.87	16.85	16.87	18		0	
5	16QAM	25	0	16.90	16.95	16.92				
5	64QAM	1	0	16.89	16.91	16.86				
5	64QAM	1	12	16.93	16.90	16.89				
5	64QAM	1	24	16.90	16.86	16.90				
5	64QAM	12	0	16.84	16.93	16.94				
5	64QAM	12	7	16.84	16.88	16.91	18		0	
5	64QAM	12	13	16.94	16.86	16.83				
5	64QAM	25	0	16.88	16.93	16.84				
5	256QAM	1	0	16.89	16.87	16.93				
5	256QAM	1	12	16.90	16.88	16.83				
5	256QAM	1	24	16.89	16.90	16.86				
5	256QAM	12	0	16.93	16.94	16.87	18		0	
5	256QAM	12	7	16.88	16.91	16.95				
5	256QAM	12	13	16.85	16.86	16.88				
5	256QAM	25	0	16.94	16.90	16.86				
Channel				131987	132322	132657	Tune-up limit	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	16.95	16.89	16.87	18		0	
3	QPSK	1	8	16.94	16.90	16.84				
3	QPSK	1	14	16.84	16.93	16.94				
3	QPSK	8	0	16.84	16.93	16.87				
3	QPSK	8	4	16.91	16.88	16.86				
3	QPSK	8	7	16.92	16.92	16.94				
3	QPSK	15	0	16.92	16.90	16.92	18		0	

3	16QAM	1	0	16.94	16.87	16.85	18	0
3	16QAM	1	8	16.87	16.91	16.89		
3	16QAM	1	14	16.84	16.92	16.94		
3	16QAM	8	0	16.95	16.92	16.84	18	0
3	16QAM	8	4	16.88	16.94	16.94		
3	16QAM	8	7	16.92	16.91	16.90		
3	16QAM	15	0	16.86	16.87	16.92	18	0
3	64QAM	1	0	16.83	16.86	16.88		
3	64QAM	1	8	16.87	16.85	16.90		
3	64QAM	1	14	16.91	16.86	16.93	18	0
3	64QAM	8	0	16.95	16.92	16.87		
3	64QAM	8	4	16.87	16.93	16.94		
3	64QAM	8	7	16.86	16.87	16.94	18	0
3	64QAM	15	0	16.86	16.87	16.87		
3	256QAM	1	0	16.90	16.92	16.92	18	0
3	256QAM	1	8	16.91	16.96	16.89		
3	256QAM	1	14	16.89	16.90	16.83		
3	256QAM	8	0	16.88	16.89	16.87	18	0
3	256QAM	8	4	16.90	16.88	16.93		
3	256QAM	8	7	16.92	16.92	16.91		
3	256QAM	15	0	16.88	16.94	16.85	Tune-up Time	MPR (dB)
Channel				131979	132322	132665		
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.93	16.91	16.88	18	0
1.4	QPSK	1	3	16.88	16.93	16.92		
1.4	QPSK	1	5	16.95	16.85	16.85		
1.4	QPSK	3	0	16.89	16.87	16.88		
1.4	QPSK	3	1	16.89	16.88	16.87		
1.4	QPSK	3	3	16.86	16.88	16.89	18	0
1.4	QPSK	6	0	16.87	16.93	16.88		
1.4	16QAM	1	0	16.90	16.96	16.83		
1.4	16QAM	1	3	16.86	16.88	16.84		
1.4	16QAM	1	5	16.86	16.96	16.92		
1.4	16QAM	3	0	16.85	16.90	16.89	18	0
1.4	16QAM	3	1	16.94	16.96	16.89		
1.4	16QAM	3	3	16.92	16.92	16.86		
1.4	16QAM	6	0	16.92	16.96	16.90		
1.4	64QAM	1	0	16.87	16.90	16.91		
1.4	64QAM	1	3	16.95	16.88	16.94	18	0
1.4	64QAM	1	5	16.87	16.87	16.88		
1.4	64QAM	3	0	16.91	16.96	16.93		
1.4	64QAM	3	1	16.89	16.97	16.87		
1.4	64QAM	3	3	16.84	16.92	16.95		
1.4	64QAM	6	0	16.89	16.91	16.90	18	0
1.4	256QAM	1	0	16.93	16.88	16.85	18	0
1.4	256QAM	1	3	16.87	16.93	16.84		
1.4	256QAM	1	5	16.89	16.88	16.86		
1.4	256QAM	3	0	16.83	16.88	16.88		
1.4	256QAM	3	1	16.87	16.92	16.91		
1.4	256QAM	3	3	16.85	16.91	16.91	18	0
1.4	256QAM	6	0	16.94	16.86	16.92		

Band 42 DSI 6 Ant 2									
BW [MHz]	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	17.75	17.85	17.81			
20	QPSK	1	49	17.81	17.82	17.78	18.5	0	
20	QPSK	1	99	17.76	17.75	17.73			
20	QPSK	50	0	17.77	17.84	17.78			
20	QPSK	50	24	17.77	17.75	17.71	18.5	0	
20	QPSK	50	50	17.72	17.73	17.74			
20	QPSK	100	0	17.78	17.81	17.75			
20	16QAM	1	0	17.76	17.84	17.78			
20	16QAM	1	49	17.80	17.75	17.82	18.5	0	
20	16QAM	1	99	17.78	17.82	17.80			
20	16QAM	50	0	17.75	17.80	17.73			
20	16QAM	50	24	17.76	17.79	17.76	18.5	0	
20	16QAM	50	50	17.81	17.79	17.71			
20	16QAM	100	0	17.78	17.74	17.77			
20	64QAM	1	0	17.72	17.79	17.77			
20	64QAM	1	49	17.77	17.75	17.75	18.5	0	
20	64QAM	1	99	17.79	17.76	17.81			
20	64QAM	50	0	17.80	17.74	17.73			
20	64QAM	50	24	17.79	17.80	17.78	18.5	0	
20	64QAM	50	50	17.73	17.81	17.76			
20	64QAM	100	0	17.78	17.79	17.70			
20	256QAM	1	0	17.79	17.79	17.74			
20	256QAM	1	49	17.73	17.80	17.81	18.5	0	
20	256QAM	1	99	17.82	17.76	17.73			
20	256QAM	50	0	17.74	17.79	17.71			
20	256QAM	50	24	17.74	17.80	17.70	18.5	0	
20	256QAM	50	50	17.71	17.75	17.73			
20	256QAM	100	0	17.70	17.73	17.74			
Channel				42165	42590	43015	Tune-up limit	MPR	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	17.82	17.84	17.71			
15	QPSK	1	37	17.71	17.78	17.77	18.5	0	
15	QPSK	1	74	17.72	17.75	17.73			
15	QPSK	36	0	17.77	17.75	17.75			
15	QPSK	36	20	17.79	17.79	17.81	18.5	0	
15	QPSK	36	39	17.72	17.75	17.77			
15	QPSK	75	0	17.81	17.72	17.81			
15	16QAM	1	0	17.72	17.73	17.79			
15	16QAM	1	37	17.81	17.80	17.74	18.5	0	
15	16QAM	1	74	17.76	17.76	17.77			
15	16QAM	36	0	17.80	17.84	17.76			
15	16QAM	36	20	17.74	17.84	17.78	18.5	0	
15	16QAM	36	39	17.73	17.76	17.70			
15	16QAM	75	0	17.80	17.82	17.81			
15	64QAM	1	0	17.78	17.79	17.73			
15	64QAM	1	37	17.77	17.75	17.71	18.5	0	
15	64QAM	1	74	17.72	17.82	17.79			
15	64QAM	36	0	17.79	17.78	17.76			
15	64QAM	36	20	17.80	17.74	17.77	18.5	0	
15	64QAM	36	39	17.76	17.80	17.78			
15	64QAM	75	0	17.74	17.82	17.76			
15	256QAM	1	0	17.76	17.79	17.78			
15	256QAM	1	37	17.73	17.82	17.75	18.5	0	
15	256QAM	1	74	17.82	17.82	17.70			
15	256QAM	36	0	17.73	17.77	17.80			
15	256QAM	36	20	17.81	17.80	17.79	18.5	0	
15	256QAM	36	39	17.70	17.74	17.81			
15	256QAM	75	0	17.76	17.74	17.82			
Channel				42140	42590	43040	Tune-up limit	MPR	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	17.76	17.78	17.79			
10	QPSK	1	25	17.81	17.84	17.73	18.5	0	
10	QPSK	1	49	17.82	17.76	17.77			
10	QPSK	25	0	17.71	17.80	17.70			
10	QPSK	25	12	17.73	17.80	17.78	18.5	0	
10	QPSK	25	25	17.76	17.79	17.82			
10	QPSK	50	0	17.72	17.79	17.79			
10	16QAM	1	0	17.74	17.75	17.73			
10	16QAM	1	25	17.74	17.77	17.81	18.5	0	
10	16QAM	1	49	17.74	17.81	17.73			
10	16QAM	25	0	17.71	17.76	17.82			
10	16QAM	25	12	17.71	17.75	17.78	18.5	0	
10	16QAM	25	25	17.77	17.80	17.78			
10	16QAM	50	0	17.76	17.78	17.72			
10	64QAM	1	0	17.75	17.74	17.71	18.5	0	
10	64QAM	1	25	17.74	17.76	17.75			
10	64QAM	1	49	17.79	17.78	17.75			
10	64QAM	25	0	17.75	17.77	17.78			
10	64QAM	25	12	17.82	17.74	17.80	18.5	0	
10	64QAM	25	25	17.79	17.74	17.71			
10	64QAM	50	0	17.81	17.78	17.76			
10	256QAM	1	0	17.80	17.75	17.71			
10	256QAM	1	25	17.80	17.76	17.82	18.5	0	
10	256QAM	1	49	17.80	17.82	17.82			
10	256QAM	25	0	17.78	17.82	17.77			
10	256QAM	25	12	17.74	17.76	17.79	18.5	0	
10	256QAM	25	25	17.70	17.73	17.78			
10	256QAM	50	0	17.75	17.73	17.72			
Channel				42115	42590	43065	Tune-up limit	MPR	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	17.72	17.73	17.78			
5	QPSK	1	12	17.74	17.76	17.82	18.5	0	
5	QPSK	1	24	17.72	17.80	17.81			
5	QPSK	12	0	17.80	17.83	17.78			
5	QPSK	12	7	17.70	17.74	17.77	18.5	0	
5	QPSK	12	13	17.77	17.83	17.79			
5	QPSK	25	0	17.78	17.75	17.80			
5	16QAM	1	0	17.78	17.78	17.78			
5	16QAM	1	12	17.79	17.72	17.75	18.5	0	
5	16QAM	1	24	17.73	17.74	17.73			
5	16QAM	12	0	17.78	17.72	17.79			
5	16QAM	12	7	17.79	17.74	17.75	18.5	0	
5	16QAM	12	13	17.78	17.80	17.82			
5	16QAM	25	0	17.71	17.78	17.72			
5	64QAM	1	0	17.81	17.76	17.74			
5	64QAM	1	12	17.77	17.73	17.76	18.5	0	
5	64QAM	1	24	17.78	17.79	17.73			
5	64QAM	12	0	17.72	17.79	17.76			
5	64QAM	12	7	17.74	17.79	17.78	18.5	0	
5	64QAM	12	13	17.76	17.83	17.74			
5	64QAM	25	0	17.71	17.73	17.81			
5	256QAM	1	0	17.73	17.79	17.79			
5	256QAM	1	12	17.79	17.83	17.70	18.5	0	
5	256QAM	1	24	17.81	17.74	17.70			
5	256QAM	12	0	17.80	17.83	17.78			
5	256QAM	12	7	17.80	17.74	17.76	18.5	0	
5	256QAM	12	13	17.81	17.83	17.76			
5	256QAM	25	0	17.72	17.73	17.71			

Band 42 DSI 6 Ant 3									
BW [MHz]	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	18.72	18.79	18.77	19.5	0	
20	QPSK	1	49	18.72	18.75	18.69			
20	QPSK	1	99	18.70	18.72	18.68			
20	QPSK	50	0	18.72	18.76	18.72	19.5	0	
20	QPSK	50	24	18.68	18.71	18.72			
20	QPSK	50	50	18.73	18.71	18.74			
20	QPSK	100	0	18.69	18.75	18.71	19.5	0	
20	16QAM	1	0	18.66	18.70	18.73			
20	16QAM	1	49	18.67	18.72	18.71			
20	16QAM	1	99	18.76	18.72	18.74	19.5	0	
20	16QAM	50	0	18.67	18.72	18.73			
20	16QAM	50	24	18.69	18.77	18.74			
20	16QAM	50	50	18.74	18.75	18.73	19.5	0	
20	16QAM	100	0	18.72	18.69	18.67			
20	64QAM	1	0	18.70	18.70	18.72			
20	64QAM	1	49	18.71	18.75	18.70	19.5	0	
20	64QAM	1	99	18.71	18.77	18.71			
20	64QAM	50	0	18.67	18.74	18.73			
20	64QAM	50	24	18.74	18.72	18.76	19.5	0	
20	64QAM	50	50	18.73	18.72	18.71			
20	64QAM	100	0	18.67	18.74	18.72			
20	256QAM	1	0	17.14	17.26	17.18	18	1.5	
20	256QAM	1	49	17.05	17.23	17.16			
20	256QAM	1	99	17.09	17.19	17.15			
20	256QAM	50	0	17.04	17.22	17.06	18	1.5	
20	256QAM	50	24	16.90	17.18	17.06			
20	256QAM	50	50	17.03	17.06	17.00			
20	256QAM	100	0	16.99	17.20	17.10	19.5	0	
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	18.75	18.70	18.74	19.5	0	
15	QPSK	1	37	18.72	18.72	18.77			
15	QPSK	1	74	18.67	18.69	18.66			
15	QPSK	36	0	18.72	18.72	18.68	19.5	0	
15	QPSK	36	20	18.77	18.72	18.73			
15	QPSK	36	39	18.68	18.68	18.73			
15	QPSK	75	0	18.71	18.78	18.70	19.5	0	
15	16QAM	1	0	18.74	18.74	18.76			
15	16QAM	1	37	18.78	18.75	18.71			
15	16QAM	1	74	18.69	18.74	18.69	19.5	0	
15	16QAM	36	0	18.76	18.74	18.69			
15	16QAM	36	20	18.70	18.71	18.75			
15	16QAM	36	39	18.78	18.78	18.74	19.5	0	
15	16QAM	75	0	18.74	18.71	18.76			
15	64QAM	1	0	18.68	18.70	18.77			
15	64QAM	1	37	18.73	18.68	18.74	19.5	0	
15	64QAM	1	74	18.77	18.74	18.72			
15	64QAM	36	0	18.71	18.73	18.75			
15	64QAM	36	20	18.75	18.70	18.75	19.5	0	
15	64QAM	36	39	18.69	18.72	18.69			
15	64QAM	75	0	18.77	18.73	18.72			
15	256QAM	1	0	17.18	17.22	17.11	18	1.5	
15	256QAM	1	37	17.04	17.18	17.12			
15	256QAM	1	74	17.08	17.21	17.11			
15	256QAM	36	0	17.07	17.27	17.18	18	1.5	
15	256QAM	36	20	17.15	17.21	17.17			
15	256QAM	36	39	17.16	17.09	17.03			
15	256QAM	75	0	17.08	17.24	17.21	19.5	0	
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	18.69	18.72	18.75	19.5	0	
10	QPSK	1	25	18.69	18.71	18.75			
10	QPSK	1	49	18.69	18.76	18.74			
10	QPSK	25	0	18.74	18.69	18.70	19.5	0	
10	QPSK	25	12	18.73	18.74	18.71			
10	QPSK	25	25	18.74	18.73	18.76			
10	QPSK	50	0	18.71	18.75	18.72	19.5	0	
10	16QAM	1	0	18.73	18.72	18.74			
10	16QAM	1	25	18.68	18.76	18.73			
10	16QAM	1	49	18.71	18.75	18.67	19.5	0	
10	16QAM	25	0	18.70	18.78	18.75			
10	16QAM	25	12	18.78	18.75	18.70			
10	16QAM	25	25	18.69	18.74	18.76	19.5	0	
10	16QAM	50	0	18.77	18.74	18.73			
10	64QAM	1	0	18.71	18.74	18.74			
10	64QAM	1	25	18.74	18.78	18.69	19.5	0	
10	64QAM	1	49	18.68	18.76	18.72			
10	64QAM	25	0	18.72	18.75	18.75			
10	64QAM	25	12	18.77	18.72	18.76	19.5	0	
10	64QAM	25	25	18.70	18.72	18.72			
10	64QAM	50	0	18.68	18.77	18.70			
10	256QAM	1	0	17.16	17.21	17.19	18	1.5	
10	256QAM	1	25	17.11	17.16	17.20			
10	256QAM	1	49	17.12	17.21	17.15			
10	256QAM	25	0	17.10	17.34	17.17	18	1.5	
10	256QAM	25	12	17.01	17.25	17.09			
10	256QAM	25	25	17.17	17.10	17.10			
10	256QAM	50	0	17.06	17.33	17.17	19.5	0	
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	18.69	18.77	18.71	19.5	0	
5	QPSK	1	12	18.70	18.77	18.72			
5	QPSK	1	24	18.71	18.70	18.68			
5	QPSK	12	0	18.67	18.71	18.72	19.5	0	
5	QPSK	12	7	18.76	18.76	18.72			
5	QPSK	12	13	18.76	18.78	18.77			
5	QPSK	25	0	18.69	18.77	18.67	19.5	0	
5	16QAM	1	0	18.68	18.69	18.70			
5	16QAM	1	12	18.69	18.71	18.69			
5	16QAM	1	24	18.77	18.76	18.68	19.5	0	
5	16QAM	12	0	18.71	18.74	18.74			
5	16QAM	12	7	18.74	18.68	18.72			
5	16QAM	12	13	18.78	18.74	18.67	19.5	0	
5	16QAM	25	0	18.69	18.76	18.76			
5	64QAM	1	0	18.76	18.73	18.67			
5	64QAM	1	12	18.71	18.68	18.71	19.5	0	
5	64QAM	1	24	18.70	18.70	18.68			
5	64QAM	12	0	18.77	18.70	18.75			
5	64QAM	12	7	18.73	18.73	18.67	19.5	0	
5	64QAM	12	13	18.68	18.77	18.75			
5	64QAM	25	0	18.72	18.74	18.72			
5	256QAM	1	0	17.07	17.14	17.02	18	1.5	
5	256QAM	1	12	16.97	17.14	17.06			
5	256QAM	1	24	16.98	17.12	17.04			
5	256QAM	12	0	17.00	17.20	17.04	18	1.5	
5	256QAM	12	7	17.06	17.21	16.99			
5	256QAM	12	13	17.06	17.09	16.98			
5	256QAM	25	0	16.99	17.21	17.06	18	1.5	

Band 7 DSI 6 Ant 4									
BW [MHz]	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	16.43	16.55	16.51	17.5	0	
20	QPSK	1	49	16.47	16.47	16.48			
20	QPSK	1	99	16.47	16.51	16.44			
20	QPSK	50	0	16.46	16.53	16.52	17.5	0	
20	QPSK	50	24	16.45	16.51	16.43			
20	QPSK	50	50	16.43	16.47	16.50			
20	QPSK	100	0	16.47	16.52	16.44	17.5	0	
20	16QAM	1	0	16.48	16.50	16.51			
20	16QAM	1	49	16.49	16.50	16.42			
20	16QAM	1	99	16.49	16.46	16.51	17.5	0	
20	16QAM	50	0	16.42	16.46	16.48			
20	16QAM	50	24	16.41	16.43	16.52			
20	16QAM	50	50	16.47	16.54	16.50	17.5	0	
20	16QAM	100	0	16.49	16.50	16.51			
20	64QAM	1	0	16.40	16.44	16.45			
20	64QAM	1	49	16.40	16.51	16.49	17.5	0	
20	64QAM	1	99	16.41	16.53	16.44			
20	64QAM	50	0	16.42	16.53	16.50			
20	64QAM	50	24	16.44	16.48	16.41	17.5	0	
20	64QAM	50	50	16.40	16.54	16.48			
20	64QAM	100	0	16.51	16.53	16.40			
20	256QAM	1	0	16.46	16.44	16.47	17.5	0	
20	256QAM	1	49	16.51	16.43	16.45			
20	256QAM	1	99	16.47	16.49	16.44			
20	256QAM	50	0	16.42	16.52	16.49	17.5	0	
20	256QAM	50	24	16.50	16.53	16.41			
20	256QAM	50	50	16.44	16.49	16.46			
20	256QAM	100	0	16.43	16.51	16.40	17.5	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	16.51	16.45	16.41	17.5	0	
15	QPSK	1	37	16.41	16.49	16.50			
15	QPSK	1	74	16.41	16.52	16.43			
15	QPSK	36	0	16.49	16.48	16.44	17.5	0	
15	QPSK	36	20	16.46	16.53	16.44			
15	QPSK	36	39	16.51	16.51	16.46			
15	QPSK	75	0	16.42	16.51	16.48	17.5	0	
15	16QAM	1	0	16.43	16.51	16.40			
15	16QAM	1	37	16.43	16.43	16.47			
15	16QAM	1	74	16.44	16.45	16.46	17.5	0	
15	16QAM	36	0	16.47	16.42	16.45			
15	16QAM	36	20	16.50	16.49	16.43			
15	16QAM	36	39	16.42	16.54	16.46	17.5	0	
15	16QAM	75	0	16.49	16.51	16.44			
15	64QAM	1	0	16.50	16.50	16.46			
15	64QAM	1	37	16.47	16.44	16.41	17.5	0	
15	64QAM	1	74	16.47	16.50	16.44			
15	64QAM	36	0	16.45	16.51	16.51			
15	64QAM	36	20	16.46	16.51	16.44	17.5	0	
15	64QAM	36	39	16.47	16.49	16.51			
15	64QAM	75	0	16.42	16.47	16.51			
15	256QAM	1	0	16.42	16.45	16.48	17.5	0	
15	256QAM	1	37	16.43	16.50	16.43			
15	256QAM	1	74	16.42	16.47	16.45			
15	256QAM	36	0	16.45	16.47	16.45	17.5	0	
15	256QAM	36	20	16.48	16.53	16.42			
15	256QAM	36	39	16.49	16.53	16.50			
15	256QAM	75	0	16.45	16.44	16.44	17.5	0	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	16.43	16.52	16.49	17.5	0	
10	QPSK	1	25	16.48	16.46	16.41			
10	QPSK	1	49	16.40	16.47	16.47			
10	QPSK	25	0	16.49	16.52	16.40	17.5	0	
10	QPSK	25	12	16.47	16.44	16.42			
10	QPSK	25	25	16.42	16.45	16.47			
10	QPSK	50	0	16.48	16.53	16.41	17.5	0	
10	16QAM	1	0	16.48	16.46	16.43			
10	16QAM	1	25	16.52	16.42	16.52			
10	16QAM	1	49	16.43	16.51	16.43	17.5	0	
10	16QAM	25	0	16.49	16.48	16.42			
10	16QAM	25	12	16.43	16.50	16.51			
10	16QAM	25	25	16.41	16.46	16.48	17.5	0	
10	16QAM	50	0	16.43	16.44	16.42			
10	64QAM	1	0	16.42	16.47	16.41			
10	64QAM	1	25	16.49	16.49	16.46	17.5	0	
10	64QAM	1	49	16.41	16.46	16.47			
10	64QAM	25	0	16.43	16.53	16.49			
10	64QAM	25	12	16.48	16.51	16.45	17.5	0	
10	64QAM	25	25	16.48	16.44	16.50			
10	64QAM	50	0	16.49	16.46	16.41			
10	256QAM	1	0	16.40	16.49	16.50	17.5	0	
10	256QAM	1	25	16.43	16.52	16.49			
10	256QAM	1	49	16.43	16.45	16.43			
10	256QAM	25	0	16.44	16.47	16.43	17.5	0	
10	256QAM	25	12	16.51	16.52	16.48			
10	256QAM	25	25	16.43	16.51	16.51			
10	256QAM	50	0	16.43	16.43	16.43	17.5	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	16.46	16.44	16.46	17.5	0	
5	QPSK	1	12	16.44	16.54	16.47			
5	QPSK	1	24	16.49	16.46	16.42			
5	QPSK	12	0	16.41	16.47	16.48	17.5	0	
5	QPSK	12	7	16.45	16.49	16.46			
5	QPSK	12	13	16.44	16.48	16.43			
5	QPSK	25	0	16.45	16.53	16.46	17.5	0	
5	16QAM	1	0	16.40	16.51	16.46			
5	16QAM	1	12	16.42	16.52	16.42			
5	16QAM	1	24	16.40	16.53	16.45	17.5	0	
5	16QAM	12	0	16.47	16.54	16.40			
5	16QAM	12	7	16.48	16.43	16.47			
5	16QAM	12	13	16.50	16.51	16.41	17.5	0	
5	16QAM	25	0	16.50	16.49	16.49			
5	64QAM	1	0	16.46	16.53	16.48			
5	64QAM	1	12	16.41	16.47	16.41	17.5	0	
5	64QAM	1	24	16.44	16.51	16.41			
5	64QAM	12	0	16.41	16.47	16.42			
5	64QAM	12	7	16.48	16.45	16.47	17.5	0	
5	64QAM	12	13	16.46	16.46	16.51			
5	64QAM	25	0	16.49	16.45	16.43			
5	256QAM	1	0	16.47	16.44	16.44	17.5	0	
5	256QAM	1	12	16.45	16.45	16.52			
5	256QAM	1	24	16.49	16.44	16.43			
5	256QAM	12	0	16.46	16.44	16.41	17.5	0	
5	256QAM	12	7	16.50	16.51	16.51			
5	256QAM	12	13	16.48	16.54	16.48			
5	256QAM	25	0	16.48	16.53	16.43			

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BW [MHz]	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)				37850	38000	38150				
20	QPSK	1	0	16.56	16.60	16.56	17.5	0		
20	QPSK	1	49	16.50	16.56	16.51				
20	QPSK	1	99	16.56	16.50	16.49				
20	QPSK	50	0	16.57	16.58	16.53	17.5	0		
20	QPSK	50	24	16.50	16.53	16.52				
20	QPSK	50	50	16.52	16.49	16.46				
20	QPSK	100	0	16.55	16.56	16.50	17.5	0		
20	16QAM	1	0	16.50	16.48	16.46				
20	16QAM	1	49	16.46	16.49	16.50				
20	16QAM	1	99	16.51	16.55	16.55	17.5	0		
20	16QAM	50	0	16.58	16.52	16.57				
20	16QAM	50	24	16.51	16.58	16.58				
20	16QAM	50	50	16.48	16.50	16.49	17.5	0		
20	16QAM	100	0	16.49	16.54	16.55				
20	16QAM	1	49	16.52	16.52	16.57				
20	16QAM	1	49	16.55	16.53	16.56	17.5	0		
20	16QAM	1	99	16.53	16.49	16.51				
20	16QAM	50	0	16.53	16.52	16.52				
20	16QAM	50	24	16.54	16.53	16.53	17.5	0		
20	16QAM	50	50	16.53	16.56	16.47				
20	16QAM	100	0	16.48	16.51	16.49				
20	256QAM	1	0	16.53	16.58	16.53	17.5	0		
20	256QAM	1	49	16.52	16.50	16.58				
20	256QAM	1	99	16.52	16.49	16.52				
20	256QAM	50	0	16.49	16.59	16.55	17.5	0		
20	256QAM	50	24	16.56	16.52	16.55				
20	256QAM	50	50	16.53	16.54	16.56				
20	256QAM	100	0	16.47	16.58	16.46				
Channel Frequency (MHz)				37825	38000	38175			17.5	0
15	QPSK	1	0	16.49	16.54	16.55	17.5	0		
15	QPSK	1	37	16.52	16.54	16.50				
15	QPSK	1	74	16.46	16.50	16.54				
15	QPSK	36	0	16.49	16.54	16.50	17.5	0		
15	QPSK	36	20	16.52	16.57	16.52				
15	QPSK	36	39	16.56	16.59	16.47				
15	QPSK	75	0	16.56	16.57	16.57	17.5	0		
15	16QAM	1	0	16.51	16.50	16.56				
15	16QAM	1	37	16.57	16.58	16.51				
15	16QAM	1	74	16.57	16.54	16.51	17.5	0		
15	16QAM	36	0	16.56	16.56	16.56				
15	16QAM	36	20	16.48	16.55	16.52				
15	16QAM	36	39	16.46	16.50	16.55	17.5	0		
15	16QAM	75	0	16.49	16.59	16.57				
15	16QAM	1	0	16.50	16.50	16.57				
15	16QAM	1	37	16.47	16.50	16.47	17.5	0		
15	16QAM	1	74	16.54	16.50	16.49				
15	16QAM	36	0	16.49	16.54	16.51				
15	16QAM	36	20	16.54	16.51	16.53	17.5	0		
15	16QAM	36	39	16.55	16.58	16.53				
15	16QAM	75	0	16.48	16.54	16.51				
15	256QAM	1	0	16.54	16.55	16.56	17.5	0		
15	256QAM	1	37	16.50	16.53	16.57				
15	256QAM	1	74	16.50	16.50	16.47				
15	256QAM	36	0	16.52	16.52	16.56	17.5	0		
15	256QAM	36	20	16.51	16.53	16.52				
15	256QAM	36	39	16.55	16.59	16.50				
15	256QAM	75	0	16.46	16.48	16.54				
Channel Frequency (MHz)				37800	38000	38200			17.5	0
10	QPSK	1	0	16.52	16.51	16.50	17.5	0		
10	QPSK	1	25	16.49	16.53	16.58				
10	QPSK	1	49	16.47	16.52	16.54				
10	QPSK	25	0	16.49	16.49	16.57	17.5	0		
10	QPSK	25	12	16.48	16.57	16.50				
10	QPSK	25	25	16.52	16.58	16.53				
10	QPSK	50	0	16.57	16.59	16.47	17.5	0		
10	16QAM	1	0	16.54	16.56	16.48				
10	16QAM	1	25	16.53	16.56	16.49				
10	16QAM	1	49	16.57	16.55	16.50	17.5	0		
10	16QAM	25	0	16.55	16.56	16.58				
10	16QAM	25	12	16.51	16.50	16.47				
10	16QAM	25	25	16.55	16.53	16.57	17.5	0		
10	16QAM	50	0	16.54	16.56	16.56				
10	16QAM	1	0	16.49	16.50	16.50				
10	16QAM	1	25	16.50	16.51	16.57	17.5	0		
10	16QAM	1	49	16.50	16.57	16.48				
10	16QAM	25	0	16.50	16.57	16.46				
10	16QAM	25	12	16.56	16.55	16.46	17.5	0		
10	16QAM	25	25	16.56	16.56	16.56				
10	16QAM	50	0	16.56	16.49	16.57				
10	256QAM	1	0	16.49	16.52	16.50	17.5	0		
10	256QAM	1	25	16.54	16.58	16.48				
10	256QAM	1	49	16.54	16.58	16.57				
10	256QAM	25	0	16.55	16.57	16.47	17.5	0		
10	256QAM	25	12	16.52	16.54	16.50				
10	256QAM	25	25	16.47	16.49	16.54				
10	256QAM	50	0	16.54	16.56	16.51	17.5	0		
Channel Frequency (MHz)				37775	38000	38225			17.5	0
5	QPSK	1	0	16.52	16.56	16.51			17.5	0
5	QPSK	1	12	16.55	16.57	16.58				
5	QPSK	1	24	16.48	16.52	16.49				
5	QPSK	12	0	16.47	16.57	16.53	17.5	0		
5	QPSK	12	7	16.54	16.54	16.57				
5	QPSK	12	13	16.50	16.52	16.49				
5	QPSK	25	0	16.56	16.56	16.50	17.5	0		
5	16QAM	1	0	16.57	16.58	16.49				
5	16QAM	1	12	16.57	16.52	16.55				
5	16QAM	1	24	16.58	16.53	16.56	17.5	0		
5	16QAM	12	0	16.57	16.50	16.49				
5	16QAM	12	7	16.57	16.54	16.56				
5	16QAM	12	13	16.57	16.56	16.51	17.5	0		
5	16QAM	25	0	16.51	16.52	16.49				
5	16QAM	1	0	16.52	16.52	16.57				
5	16QAM	1	12	16.54	16.54	16.58	17.5	0		
5	16QAM	1	24	16.46	16.53	16.49				
5	16QAM	12	0	16.53	16.59	16.54				
5	16QAM	12	7	16.47	16.59	16.56	17.5	0		
5	16QAM	12	13	16.51	16.51	16.58				
5	16QAM	25	0	16.50	16.57	16.55				
5	256QAM	1	0	16.49	16.51	16.48	17.5	0		
5	256QAM	1	12	16.51	16.53	16.46				
5	256QAM	1	24	16.54	16.59	16.51				
5	256QAM	12	0	16.49	16.52	16.46	17.5	0		
5	256QAM	12	7	16.52	16.56	16.57				
5	256QAM	12	13	16.53	16.59	16.52				
5	256QAM	25	0	16.57	16.55	16.50	17.5	0		
Channel Frequency (MHz)				37725	38000	38275			17.5	0

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BW [MHz]	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	16.93	17.02	16.98	18	0
20	QPSK	1	49	16.95	16.99	16.90		
20	QPSK	1	99	16.98	16.99	16.88		
20	QPSK	50	0	16.91	17.01	16.93	18	0
20	QPSK	50	24	16.94	16.99	16.99		
20	QPSK	50	50	16.94	16.97	16.88		
20	QPSK	100	0	16.93	16.99	16.98	18	0
20	16QAM	1	0	16.98	16.89	16.94		
20	16QAM	1	49	16.95	16.89	16.99		
20	16QAM	1	99	16.96	16.89	16.92	18	0
20	16QAM	50	0	16.88	16.93	16.92		
20	16QAM	50	24	16.96	16.90	16.96		
20	16QAM	50	50	16.94	16.98	16.89	18	0
20	16QAM	100	0	16.99	16.93	16.87		
20	64QAM	1	0	16.89	16.97	16.89		
20	64QAM	1	49	16.97	16.90	16.93	18	0
20	64QAM	1	99	16.94	16.91	16.96		
20	64QAM	50	0	16.99	16.94	16.87		
20	64QAM	50	24	16.96	17.00	16.94	18	0
20	64QAM	50	50	16.94	16.94	16.93		
20	64QAM	100	0	16.91	16.91	16.97		
20	256QAM	1	0	16.89	16.94	16.91	18	0
20	256QAM	1	49	16.90	16.97	16.97		
20	256QAM	1	99	16.98	16.94	16.92		
20	256QAM	50	0	16.94	16.91	16.97	18	0
20	256QAM	50	24	16.96	16.98	16.91		
20	256QAM	50	50	16.93	16.90	16.88		
20	256QAM	100	0	16.95	17.01	16.90		
Channel				42165	42590	43015		
Frequency (MHz)				3457.5	3500	3542.5	Tune-up limit	MPR (dB)
15	QPSK	1	0	16.94	16.93	16.95	18	0
15	QPSK	1	37	16.93	16.96	16.94		
15	QPSK	1	74	16.89	16.90	16.98		
15	QPSK	36	0	16.89	16.98	16.89	18	0
15	QPSK	36	20	16.95	17.00	16.87		
15	QPSK	36	39	16.92	16.90	16.88		
15	QPSK	75	0	16.95	16.92	16.97	18	0
15	16QAM	1	0	16.98	16.97	16.99		
15	16QAM	1	37	16.96	16.94	16.95		
15	16QAM	1	74	16.94	16.93	16.95	18	0
15	16QAM	36	0	16.98	16.97	16.93		
15	16QAM	36	20	16.97	16.89	16.91		
15	16QAM	36	39	16.90	16.99	16.93	18	0
15	16QAM	75	0	16.91	16.92	16.99		
15	64QAM	1	0	16.94	16.97	16.94		
15	64QAM	1	37	16.95	16.98	16.88	18	0
15	64QAM	1	74	16.94	16.92	16.95		
15	64QAM	36	0	16.97	16.94	16.97		
15	64QAM	36	20	16.94	16.90	16.98	18	0
15	64QAM	36	39	16.88	16.97	16.92		
15	64QAM	75	0	16.96	17.01	16.87		
15	256QAM	1	0	16.94	16.90	16.92	18	0
15	256QAM	1	37	16.94	16.98	16.90		
15	256QAM	1	74	16.91	16.92	16.89		
15	256QAM	36	0	16.92	17.00	16.95	18	0
15	256QAM	36	20	16.89	16.97	16.91		
15	256QAM	36	39	16.89	16.96	16.99		
15	256QAM	75	0	16.92	16.99	16.99		
Channel				42140	42590	43040		
Frequency (MHz)				3455	3500	3545	Tune-up limit	MPR (dB)
10	QPSK	1	0	16.92	16.98	16.96	18	0
10	QPSK	1	25	16.92	16.91	16.91		
10	QPSK	1	49	16.90	16.91	16.97		
10	QPSK	25	0	16.99	17.01	16.96	18	0
10	QPSK	25	12	16.90	16.95	16.90		
10	QPSK	25	25	16.87	16.96	16.93		
10	QPSK	50	0	16.91	16.99	16.93	18	0
10	16QAM	1	0	16.94	16.90	16.94		
10	16QAM	1	25	16.90	17.00	16.89		
10	16QAM	1	49	16.88	16.93	16.90	18	0
10	16QAM	25	0	16.90	16.99	16.90		
10	16QAM	25	12	16.93	17.00	16.95		
10	16QAM	25	25	16.92	16.99	16.99	18	0
10	16QAM	50	0	16.91	16.95	16.98		
10	64QAM	1	0	16.95	16.94	16.89		
10	64QAM	1	25	16.96	16.95	16.90	18	0
10	64QAM	1	49	16.89	16.91	16.97		
10	64QAM	25	0	16.88	16.90	16.91		
10	64QAM	25	12	16.99	16.99	16.91	18	0
10	64QAM	25	25	16.87	16.96	16.88		
10	64QAM	50	0	16.95	16.99	16.89		
10	256QAM	1	0	16.89	16.98	16.93	18	0
10	256QAM	1	25	16.93	16.92	16.92		
10	256QAM	1	49	16.90	16.92	16.95		
10	256QAM	25	0	16.95	16.94	16.95	18	0
10	256QAM	25	12	16.87	16.98	16.91		
10	256QAM	25	25	16.99	16.91	16.91		
10	256QAM	50	0	16.93	16.89	16.93		
Channel				42115	42590	43065		
Frequency (MHz)				3452.5	3500	3547.5	Tune-up limit	MPR (dB)
5	QPSK	1	0	16.98	16.93	16.88	18	0
5	QPSK	1	12	16.89	16.91	16.91		
5	QPSK	1	24	16.90	16.92	16.98		
5	QPSK	12	0	16.88	16.95	16.90	18	0
5	QPSK	12	7	16.96	16.92	16.91		
5	QPSK	12	13	16.91	16.95	16.88		
5	QPSK	25	0	16.88	16.90	16.90	18	0
5	16QAM	1	0	16.93	16.94	16.92		
5	16QAM	1	12	16.88	17.00	16.95		
5	16QAM	1	24	16.93	17.00	16.93	18	0
5	16QAM	12	0	16.89	16.96	16.93		
5	16QAM	12	7	16.93	16.98	16.99		
5	16QAM	12	13	16.93	16.99	16.89	18	0
5	16QAM	25	0	16.98	16.98	16.97		
5	64QAM	1	0	16.94	16.96	16.92		
5	64QAM	1	12	16.97	17.01	16.99	18	0
5	64QAM	1	24	16.92	16.98	16.93		
5	64QAM	12	0	16.88	16.94	16.90		
5	64QAM	12	7	16.89	16.93	16.99	18	0
5	64QAM	12	13	16.91	16.94	16.98		
5	64QAM	25	0	16.94	16.92	16.88		
5	256QAM	1	0	16.99	16.97	16.96	18	0
5	256QAM	1	12	16.88	16.94	16.96		
5	256QAM	1	24	16.90	16.99	16.90		
5	256QAM	12	0	16.98	16.99	16.93	18	0
5	256QAM	12	7	16.90	16.94	16.95		
5	256QAM	12	13	16.98	16.91	16.87		
5	256QAM	25	0	16.96	16.92	16.89		

Band 7 DSI 6 Ant 6 ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	24.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.86	22.88	22.82	24.5	0	
20	QPSK	1	49	22.79	22.83	22.73			
20	QPSK	1	99	22.74	22.79	22.70			
20	QPSK	50	0	21.81	21.94	21.79	23.5	1	
20	QPSK	50	24	21.79	21.86	21.71			
20	QPSK	50	50	21.74	21.73	21.71			
20	QPSK	100	0	21.88	21.90	21.87	23.5	1	
20	16QAM	1	0	21.82	21.89	21.85			
20	16QAM	1	49	21.79	21.77	21.77			
20	16QAM	1	99	21.71	21.75	21.66	22.5	2	
20	16QAM	50	0	20.80	20.91	20.81			
20	16QAM	50	24	20.73	20.84	20.74			
20	16QAM	50	50	20.74	20.70	20.76	22.5	2	
20	16QAM	100	0	20.87	20.95	20.87			
20	64QAM	1	0	20.82	20.85	20.80			
20	64QAM	1	49	20.76	20.75	20.81	22.5	2	
20	64QAM	1	99	20.76	20.76	20.61			
20	64QAM	50	0	19.84	19.92	19.82			
20	64QAM	50	24	19.81	19.87	19.76	21.5	3	
20	64QAM	50	50	19.73	19.73	19.65			
20	64QAM	100	0	19.92	19.93	19.90			
20	256QAM	1	0	17.86	17.88	17.82	19.5	5	
20	256QAM	1	49	17.79	17.83	17.73			
20	256QAM	1	99	17.74	17.79	17.70			
20	256QAM	50	0	17.81	17.94	17.79	19.5	5	
20	256QAM	50	24	17.79	17.86	17.71			
20	256QAM	50	50	17.74	17.73	17.71			
20	256QAM	100	0	17.88	17.90	17.87	24.5	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	24.5	0	
15	QPSK	1	0	22.83	22.77	22.78		23.5	
15	QPSK	1	37	22.76	22.75	22.64			
15	QPSK	1	74	22.62	22.66	22.63	23.5	1	
15	QPSK	36	0	21.74	21.89	21.72			
15	QPSK	36	20	21.75	21.83	21.67			
15	QPSK	36	39	21.71	21.67	21.68	23.5	1	
15	QPSK	75	0	21.80	21.78	21.83			
15	16QAM	1	0	21.76	21.83	21.81			
15	16QAM	1	37	21.65	21.63	21.67	22.5	2	
15	16QAM	1	74	21.61	21.71	21.53			
15	16QAM	36	0	20.74	20.87	20.71			
15	16QAM	36	20	20.62	20.77	20.69	22.5	2	
15	16QAM	36	39	20.70	20.63	20.69			
15	16QAM	75	0	20.73	20.92	20.79			
15	64QAM	1	0	20.74	20.80	20.77	22.5	2	
15	64QAM	1	37	20.74	20.71	20.69			
15	64QAM	1	74	20.72	20.63	20.54			
15	64QAM	36	0	19.70	19.85	19.68	21.5	3	
15	64QAM	36	20	19.79	19.84	19.70			
15	64QAM	36	39	19.62	19.60	19.52			
15	64QAM	75	0	19.85	19.90	19.88	19.5	5	
15	256QAM	1	0	17.83	17.77	17.78			
15	256QAM	1	37	17.76	17.75	17.64			
15	256QAM	1	74	17.62	17.66	17.63	19.5	5	
15	256QAM	36	0	17.74	17.89	17.72			
15	256QAM	36	20	17.75	17.83	17.67			
15	256QAM	36	39	17.71	17.67	17.68	24.5	0	
15	256QAM	75	0	17.80	17.78	17.83			
Channel				20800	21100	21400	24.5	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.83	22.77	22.78	24.5	0	
10	QPSK	1	25	22.76	22.74	22.66			
10	QPSK	1	49	22.66	22.75	22.57			
10	QPSK	25	0	21.77	21.90	21.73	23.5	1	
10	QPSK	25	12	21.65	21.77	21.67			
10	QPSK	25	25	21.66	21.60	21.62			
10	QPSK	50	0	21.77	21.88	21.76	23.5	1	
10	16QAM	1	0	21.68	21.81	21.73			
10	16QAM	1	25	21.71	21.69	21.73			
10	16QAM	1	49	21.62	21.69	21.62	22.5	2	
10	16QAM	25	0	20.75	20.87	20.74			
10	16QAM	25	12	20.61	20.77	20.67			
10	16QAM	25	25	20.64	20.56	20.73	22.5	2	
10	16QAM	50	0	20.78	20.86	20.79			
10	64QAM	1	0	20.72	20.73	20.78			
10	64QAM	1	25	20.70	20.72	20.72	21.5	3	
10	64QAM	1	49	20.73	20.72	20.72			
10	64QAM	25	0	19.74	19.79	19.73			
10	64QAM	25	12	19.79	19.79	19.71	19.5	5	
10	64QAM	25	25	19.66	19.67	19.55			
10	64QAM	50	0	19.82	19.88	19.82			
10	256QAM	1	0	17.83	17.77	17.78	19.5	5	
10	256QAM	1	25	17.76	17.74	17.68			
10	256QAM	1	49	17.66	17.75	17.57			
10	256QAM	25	0	17.77	17.90	17.73	19.5	5	
10	256QAM	25	12	17.65	17.77	17.67			
10	256QAM	25	25	17.66	17.60	17.62			
10	256QAM	50	0	17.77	17.88	17.76	24.5	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	24.5	0	
5	QPSK	1	0	22.77	22.79	22.68		23.5	
5	QPSK	1	12	22.72	22.75	22.61			
5	QPSK	1	24	22.60	22.76	22.57	23.5	1	
5	QPSK	12	0	21.73	21.80	21.76			
5	QPSK	12	7	21.70	21.72	21.68			
5	QPSK	12	13	21.68	21.60	21.65	23.5	1	
5	QPSK	25	0	21.74	21.78	21.77			
5	16QAM	1	0	21.70	21.77	21.81			
5	16QAM	1	12	21.76	21.67	21.73	22.5	2	
5	16QAM	1	24	21.62	21.61	21.59			
5	16QAM	12	0	20.71	20.78	20.72			
5	16QAM	12	7	20.68	20.80	20.70	22.5	2	
5	16QAM	12	13	20.70	20.62	20.66			
5	16QAM	25	0	20.76	20.88	20.80			
5	64QAM	1	0	20.80	20.79	20.67	21.5	3	
5	64QAM	1	12	20.66	20.61	20.76			
5	64QAM	1	24	20.63	20.67	20.59			
5	64QAM	12	0	19.80	19.84	19.70	19.5	5	
5	64QAM	12	7	19.77	19.79	19.67			
5	64QAM	12	13	19.67	19.61	19.53			
5	64QAM	25	0	19.88	19.89	19.84	19.5	5	
5	256QAM	1	0	17.77	17.79	17.68			
5	256QAM	1	12	17.72	17.75	17.61			
5	256QAM	1	24	17.60	17.76	17.57	19.5	5	
5	256QAM	12	0	17.73	17.80	17.76			
5	256QAM	12	7	17.70	17.72	17.68			
5	256QAM	12	13	17.68	17.60	17.65	19.5	5	
5	256QAM	25	0	17.74	17.78	17.77			

Band 38 DSI 6 Ant 6 ENDC												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				37850	38000	38150						
Frequency (MHz)				2580	2595	2610						
20	QPSK	1	0	22.87	22.94	22.91			24.5	0		
20	QPSK	1	49	22.82	22.90	22.86						
20	QPSK	1	99	22.85	22.87	22.85						
20	QPSK	50	0	21.84	21.99	21.96			23.5	1		
20	QPSK	50	24	21.79	21.91	21.81						
20	QPSK	50	50	21.81	21.91	21.80						
20	QPSK	100	0	21.85	21.97	21.90			23.5	1		
20	16QAM	1	0	21.82	21.95	21.94						
20	16QAM	1	49	21.77	21.95	21.89						
20	16QAM	1	99	21.88	21.92	21.90			22.5	2		
20	16QAM	50	0	20.85	21.01	20.92						
20	16QAM	50	24	20.80	20.93	20.86						
20	16QAM	50	50	20.76	20.89	20.83			22.5	2		
20	16QAM	100	0	20.79	21.00	20.94						
20	64QAM	1	0	20.81	20.92	20.92						
20	64QAM	1	49	20.77	21.00	20.95			21.5	3		
20	64QAM	1	99	20.90	20.92	20.88						
20	64QAM	50	0	19.85	19.94	20.02						
20	64QAM	50	24	19.80	19.97	19.77			19.5	5		
20	64QAM	50	50	19.80	19.91	19.86						
20	64QAM	100	0	19.85	20.00	19.92						
20	256QAM	1	0	17.87	17.94	17.91			19.5	5		
20	256QAM	1	49	17.82	17.90	17.86						
20	256QAM	1	99	17.85	17.87	17.85						
20	256QAM	50	0	17.84	17.99	17.96			19.5	5		
20	256QAM	50	24	17.79	17.91	17.81						
20	256QAM	50	50	17.81	17.91	17.80						
20	256QAM	100	0	17.85	17.97	17.90						
Channel				37825	38000	38175	↑ tune-up limit	MPR (dB)				
Frequency (MHz)				2577.5	2595	2612.5						
15	QPSK	1	0	22.78	22.85	22.87			24.5	0		
15	QPSK	1	37	22.70	22.78	22.85						
15	QPSK	1	74	22.81	22.85	22.81						
15	QPSK	36	0	21.79	21.89	21.87			23.5	1		
15	QPSK	36	20	21.74	21.88	21.78						
15	QPSK	36	39	21.79	21.85	21.69						
15	QPSK	75	0	21.80	21.92	21.86			23.5	1		
15	16QAM	1	0	21.74	21.90	21.89						
15	16QAM	1	37	21.67	21.88	21.85						
15	16QAM	1	74	21.78	21.81	21.79			22.5	2		
15	16QAM	36	0	20.73	20.94	20.89						
15	16QAM	36	20	20.76	20.83	20.84						
15	16QAM	36	39	20.73	20.86	20.76			22.5	2		
15	16QAM	75	0	20.74	20.92	20.88						
15	64QAM	1	0	20.76	20.91	20.88						
15	64QAM	1	37	20.72	20.92	20.89			22.5	2		
15	64QAM	1	74	20.87	20.91	20.84						
15	64QAM	36	0	19.76	19.91	19.95						
15	64QAM	36	20	19.74	19.94	19.74			21.5	3		
15	64QAM	36	39	19.75	19.86	19.75						
15	64QAM	75	0	19.81	19.89	19.89						
15	256QAM	1	0	17.78	17.85	17.87			19.5	5		
15	256QAM	1	37	17.70	17.78	17.85						
15	256QAM	1	74	17.81	17.85	17.81						
15	256QAM	36	0	17.79	17.89	17.87			19.5	5		
15	256QAM	36	20	17.74	17.88	17.78						
15	256QAM	36	39	17.79	17.85	17.69						
15	256QAM	75	0	17.80	17.92	17.86						
Channel				37800	38000	38200	↑ tune-up limit	MPR (dB)				
Frequency (MHz)				2575	2595	2615						
10	QPSK	1	0	22.75	22.86	22.85			24.5	0		
10	QPSK	1	25	22.79	22.82	22.84						
10	QPSK	1	49	22.82	22.76	22.72						
10	QPSK	25	0	21.73	21.93	21.91			23.5	1		
10	QPSK	25	12	21.76	21.85	21.80						
10	QPSK	25	25	21.79	21.88	21.71						
10	QPSK	50	0	21.72	21.85	21.83			23.5	1		
10	16QAM	1	0	21.79	21.93	21.87						
10	16QAM	1	25	21.75	21.84	21.79						
10	16QAM	1	49	21.83	21.84	21.82			22.5	2		
10	16QAM	25	0	20.84	20.91	20.81						
10	16QAM	25	12	20.76	20.92	20.76						
10	16QAM	25	25	20.67	20.84	20.81			22.5	2		
10	16QAM	50	0	20.71	20.98	20.86						
10	64QAM	1	0	20.68	20.88	20.83						
10	64QAM	1	25	20.69	20.89	20.91			22.5	2		
10	64QAM	1	49	20.88	20.88	20.76						
10	64QAM	25	0	19.83	19.81	19.92						
10	64QAM	25	12	19.77	19.88	19.75			21.5	3		
10	64QAM	25	25	19.69	19.89	19.83						
10	64QAM	50	0	19.75	19.92	19.81						
10	256QAM	1	0	17.75	17.86	17.85			19.5	5		
10	256QAM	1	25	17.79	17.82	17.84						
10	256QAM	1	49	17.82	17.76	17.72						
10	256QAM	25	0	17.73	17.93	17.91			19.5	5		
10	256QAM	25	12	17.76	17.85	17.80						
10	256QAM	25	25	17.79	17.88	17.71						
10	256QAM	50	0	17.72	17.85	17.83						
Channel				37775	38000	38225	↑ tune-up limit	MPR (dB)				
Frequency (MHz)				2572.5	2595	2617.5						
5	QPSK	1	0	22.81	22.91	22.85			24.5	0		
5	QPSK	1	12	22.73	22.88	22.74						
5	QPSK	1	24	22.75	22.78	22.82						
5	QPSK	12	0	21.79	21.92	21.86			23.5	1		
5	QPSK	12	7	21.76	21.84	21.80						
5	QPSK	12	13	21.78	21.90	21.69						
5	QPSK	25	0	21.78	21.89	21.84			23.5	1		
5	16QAM	1	0	21.80	21.87	21.92						
5	16QAM	1	12	21.89	21.92	21.84						
5	16QAM	12	0	20.73	20.90	20.85			22.5	2		
5	16QAM	12	7	20.72	20.82	20.82						
5	16QAM	12	13	20.75	20.86	20.71						
5	16QAM	25	0	20.70	20.95	20.90			22.5	2		
5	64QAM	1	0	20.78	20.81	20.86						
5	64QAM	1	12	20.73	20.91	20.93						
5	64QAM	1	24	20.78	20.79	20.82			21.5	3		
5	64QAM	12	0	19.77	19.82	19.97						
5	64QAM	12	7	19.67	19.89	19.71						
5	64QAM	12	13	19.69	19.84	19.79			19.5	5		
5	64QAM	25	0	19.80	19.92	19.90						
5	256QAM	1	0	17.81	17.91	17.85						
5	256QAM	1	12	17.73	17.88	17.74			19.5	5		
5	256QAM	1	24	17.75	17.78	17.82						
5	256QAM	12	0	17.79	17.92	17.86						
5	256QAM	12	7	17.76	17.84	17.80			19.5	5		
5	256QAM	12	13	17.78	17.90	17.69						
5	256QAM	25	0	17.77	17.89	17.81						

Band 42 DSI 6 Ant 8 ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	18.67	18.69	18.67	19.5	0	
20	QPSK	1	49	18.60	18.67	18.65			
20	QPSK	1	99	18.62	18.64	18.60			
20	QPSK	50	0	18.58	18.65	18.63	19.5	0	
20	QPSK	50	24	18.61	18.61	18.58			
20	QPSK	50	50	18.60	18.61	18.61			
20	QPSK	100	0	18.63	18.64	18.58	19.5	0	
20	16QAM	1	0	18.66	18.63	18.65			
20	16QAM	1	49	18.64	18.63	18.59			
20	16QAM	1	99	18.60	18.61	18.60	19.5	0	
20	16QAM	50	0	18.64	18.65	18.59			
20	16QAM	50	24	18.57	18.64	18.67			
20	16QAM	50	50	18.57	18.66	18.65	19.5	0	
20	16QAM	100	0	18.58	18.64	18.65			
20	64QAM	1	0	18.65	18.68	18.57			
20	64QAM	1	49	18.61	18.60	18.57	19.5	0	
20	64QAM	1	99	18.67	18.67	18.67			
20	64QAM	50	0	18.67	18.64	18.58			
20	64QAM	50	24	18.66	18.64	18.66	19.5	0	
20	64QAM	50	50	18.57	18.64	18.58			
20	64QAM	100	0	18.56	18.67	18.67			
20	256QAM	1	0	17.36	17.48	17.39	18	1.5	
20	256QAM	1	49	17.24	17.38	17.35			
20	256QAM	1	99	17.26	17.35	17.35			
20	256QAM	50	0	17.30	17.53	17.44	18	1.5	
20	256QAM	50	24	17.29	17.36	17.37			
20	256QAM	50	50	17.30	17.32	17.40			
20	256QAM	100	0	17.41	17.48	17.37			
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	18.63	18.61	18.62	19.5	0	
15	QPSK	1	37	18.67	18.63	18.60			
15	QPSK	1	74	18.64	18.63	18.60			
15	QPSK	36	0	18.58	18.64	18.61	19.5	0	
15	QPSK	36	20	18.57	18.65	18.65			
15	QPSK	36	39	18.56	18.60	18.67			
15	QPSK	75	0	18.68	18.64	18.66	19.5	0	
15	16QAM	1	0	18.61	18.61	18.68			
15	16QAM	1	37	18.60	18.59	18.57			
15	16QAM	1	74	18.60	18.65	18.62	19.5	0	
15	16QAM	36	0	18.62	18.64	18.57			
15	16QAM	36	20	18.57	18.67	18.66			
15	16QAM	36	39	18.65	18.65	18.59	19.5	0	
15	16QAM	75	0	18.63	18.64	18.57			
15	64QAM	1	0	18.64	18.60	18.68			
15	64QAM	1	37	18.58	18.65	18.63	19.5	0	
15	64QAM	1	74	18.61	18.63	18.64			
15	64QAM	36	0	18.57	18.59	18.58			
15	64QAM	36	20	18.61	18.65	18.59	19.5	0	
15	64QAM	36	39	18.61	18.60	18.59			
15	64QAM	75	0	18.57	18.67	18.63			
15	256QAM	1	0	17.04	17.15	17.09	18	1.5	
15	256QAM	1	37	17.00	17.11	17.11			
15	256QAM	1	74	16.98	17.05	17.03			
15	256QAM	36	0	16.98	17.20	17.14	18	1.5	
15	256QAM	36	20	16.98	17.08	17.08			
15	256QAM	36	39	17.02	17.03	17.13			
15	256QAM	75	0	17.14	17.23	17.10			
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	18.66	18.66	18.68	19.5	0	
10	QPSK	1	25	18.61	18.61	18.56			
10	QPSK	1	49	18.61	18.64	18.61			
10	QPSK	25	0	18.56	18.64	18.65	19.5	0	
10	QPSK	25	12	18.61	18.64	18.61			
10	QPSK	25	25	18.59	18.64	18.60			
10	QPSK	50	0	18.65	18.64	18.59	19.5	0	
10	16QAM	1	0	18.67	18.64	18.65			
10	16QAM	1	25	18.64	18.62	18.68			
10	16QAM	1	49	18.66	18.64	18.66	19.5	0	
10	16QAM	25	0	18.64	18.64	18.66			
10	16QAM	25	12	18.62	18.61	18.61			
10	16QAM	25	25	18.57	18.65	18.67	19.5	0	
10	16QAM	50	0	18.57	18.63	18.57			
10	64QAM	1	0	18.59	18.64	18.62			
10	64QAM	1	25	18.63	18.63	18.61	19.5	0	
10	64QAM	1	49	18.62	18.62	18.64			
10	64QAM	25	0	18.61	18.59	18.60			
10	64QAM	25	12	18.57	18.60	18.60	19.5	0	
10	64QAM	25	25	18.64	18.68	18.64			
10	64QAM	50	0	18.57	18.68	18.61			
10	256QAM	1	0	16.89	17.02	16.89	18	1.5	
10	256QAM	1	25	16.75	16.94	16.93			
10	256QAM	1	49	16.81	16.89	16.86			
10	256QAM	25	0	16.83	17.03	17.00	18	1.5	
10	256QAM	25	12	16.79	16.88	16.83			
10	256QAM	25	25	16.78	16.86	16.90			
10	256QAM	50	0	16.97	16.96	16.84			
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	18.57	18.68	18.59	19.5	0	
5	QPSK	1	12	18.59	18.60	18.62			
5	QPSK	1	24	18.59	18.68	18.56			
5	QPSK	12	0	18.67	18.65	18.67	19.5	0	
5	QPSK	12	7	18.66	18.64	18.64			
5	QPSK	12	13	18.63	18.64	18.65			
5	QPSK	25	0	18.62	18.61	18.64	19.5	0	
5	16QAM	1	0	18.62	18.62	18.56			
5	16QAM	1	12	18.64	18.67	18.58			
5	16QAM	1	24	18.60	18.68	18.65	19.5	0	
5	16QAM	12	0	18.61	18.64	18.65			
5	16QAM	12	7	18.63	18.64	18.58			
5	16QAM	12	13	18.60	18.66	18.64	19.5	0	
5	16QAM	25	0	18.65	18.59	18.62			
5	64QAM	1	0	18.66	18.64	18.58			
5	64QAM	1	12	18.67	18.60	18.60	19.5	0	
5	64QAM	1	24	18.67	18.59	18.68			
5	64QAM	12	0	18.59	18.64	18.67			
5	64QAM	12	7	18.60	18.60	18.66	19.5	0	
5	64QAM	12	13	18.60	18.65	18.65			
5	64QAM	25	0	18.62	18.64	18.65			
5	256QAM	1	0	17.07	17.18	17.16	18	1.5	
5	256QAM	1	12	16.97	17.05	17.12			
5	256QAM	1	24	16.99	17.12	17.09			
5	256QAM	12	0	16.99	17.30	17.11	18	1.5	
5	256QAM	12	7	16.99	17.04	17.09			
5	256QAM	12	13	17.00	17.08	17.11			
5	256QAM	25	0	17.08	17.26	17.14			

Full&Default Power Mode

n5 Default Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	23.67	23.75	23.67			
20	1/2 BPSK	1	53	23.71	23.72	23.63	24.5	0.0	
20	1/2 BPSK	1	104	23.72	23.78	23.59			
20	1/2 BPSK	50	0	23.35	23.33	23.21	24.0	0.5	
20	1/2 BPSK	50	28	23.75	23.72	23.64	24.5	0.0	
20	1/2 BPSK	50	56	23.26	23.35	23.27			
20	1/2 BPSK	100	0	23.27	23.36	23.27	24.0	0.5	
20	QPSK	1	1	23.79	23.84	23.71			
20	QPSK	1	53	23.68	23.71	23.59	24.5	0.0	
20	QPSK	1	104	23.72	23.80	23.63			
20	QPSK	50	0	22.86	22.88	22.76	23.5	1.0	
20	QPSK	50	28	23.72	23.78	23.65	24.5	0.0	
20	QPSK	50	56	22.75	22.81	22.70			
20	QPSK	100	0	22.72	22.75	22.74	23.5	1.0	
20	16QAM	1	1	22.76	22.85	22.72	23.5	1.0	
20	64QAM	1	1	20.97	21.04	20.90	22.0	2.5	
20	256QAM	1	1	19.46	19.58	19.46	20.0	4.5	
Channel				166300	167300	168300	tune-up limit	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.71	23.78	23.57	24.5	0.0	
Channel				165800	167300	168800	tune-up limit	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.70	23.70	23.57	24.5	0.0	
Channel				165300	167300	169300	tune-up limit	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.65	23.77	23.62	24.5	0.0	

n71 Default Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	1/2 BPSK	1	1	23.69	23.76	23.75			
20	1/2 BPSK	1	53	23.63	23.62	23.65	24.5	0.0	
20	1/2 BPSK	1	104	23.56	23.63	23.65			
20	1/2 BPSK	50	0	23.20	23.24	23.29	24.0	0.5	
20	1/2 BPSK	50	28	23.56	23.68	23.60	24.5	0.0	
20	1/2 BPSK	50	56	23.21	23.22	23.28			
20	1/2 BPSK	100	0	23.24	23.29	23.23	24.0	0.5	
20	QPSK	1	1	23.71	23.80	23.73			
20	QPSK	1	53	23.57	23.70	23.67	24.5	0.0	
20	QPSK	1	104	23.61	23.73	23.62			
20	QPSK	50	0	22.70	22.78	22.77	23.5	1.0	
20	QPSK	50	28	23.51	23.62	23.49	24.5	0.0	
20	QPSK	50	56	22.53	22.53	22.41			
20	QPSK	100	0	22.56	22.65	22.55	23.5	1.0	
20	16QAM	1	1	22.82	22.86	22.75	23.5	1.0	
20	64QAM	1	1	20.77	20.82	20.68	22.0	2.5	
20	256QAM	1	1	19.13	19.25	19.21	20.0	4.5	
Channel				134100	136100	138100	tune-up limit	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	23.72	23.76	23.57	24.5	0.0	
Channel				133600	136100	138600	tune-up limit	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.69	23.77	23.62	24.5	0.0	
Channel				133100	136100	139100	tune-up limit	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.72	23.78	23.63	24.5	0.0	

n41 Default Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	22.68	22.64	22.50		
100	1/2 BPSK	1	137	22.69	22.60	22.52	24.0	0.0
100	1/2 BPSK	1	271	22.65	22.61	22.59		
100	1/2 BPSK	135	0	22.24	22.20	22.19	23.5	0.5
100	1/2 BPSK	135	69	22.60	22.67	22.55	24.0	0.0
100	1/2 BPSK	135	138	22.19	22.21	22.09	23.5	0.5
100	1/2 BPSK	270	0	22.27	22.28	22.13		
100	QPSK	1	1	22.73	22.75	22.65		
100	QPSK	1	137	22.66	22.63	22.51	24.0	0.0
100	QPSK	1	271	22.65	22.60	22.49		
100	QPSK	135	0	21.72	21.77	21.63	23.0	1.0
100	QPSK	135	69	22.67	22.71	22.54	24.0	0.0
100	QPSK	135	138	21.68	21.76	21.70		
100	QPSK	270	0	21.71	21.73	21.62	23.0	1.0
100	16QAM	1	1	21.77	21.77	21.64	23.0	1.0
100	64QAM	1	1	20.18	20.27	20.11	21.5	2.5
100	256QAM	1	1	18.23	18.29	18.13	19.5	4.5
Channel				508200	518598	528996	tune up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.60	22.70	22.58	24.0	0.0
Channel				507204	518598	529998	tune up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.65	22.67	22.56	24.0	0.0
Channel				506202	518598	531000	tune up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.59	22.60	22.53	24.0	0.0
Channel				505200	518598	531996	tune up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.57	22.62	22.50	24.0	0.0
Channel				504204	518598	532998	tune up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.66	22.66	22.56	24.0	0.0
Channel				503202	518598	534000	tune up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.63	22.68	22.60	24.0	0.0
Channel				502200	518598	534996	tune up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.69	22.64	22.56	24.0	0.0
Channel				501204	518598	535998	tune up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.59	22.68	22.55	24.0	0.0
Channel				500100	518598	536996	tune up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.67	22.70	22.50	24.0	0.0
Channel				500202	518598	537000	tune up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.69	22.66	22.58	24.0	0.0

n2 Default Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	1/2 BPSK	1	1	23.24	23.38	23.35		24.5	
20	1/2 BPSK	1	53	23.24	23.43	23.30			
20	1/2 BPSK	1	104	23.26	23.42	23.30			
20	1/2 BPSK	50	0	23.01	23.09	23.05	24.0	0.5	
20	1/2 BPSK	50	28	23.31	23.43	23.48	24.5	0.0	
20	1/2 BPSK	50	56	22.89	23.08	23.11	24.0	0.5	
20	1/2 BPSK	100	0	22.96	23.05	23.04			
20	QPSK	1	1	23.58	23.59	23.47			
20	QPSK	1	53	23.44	23.47	23.44	24.5	0.0	
20	QPSK	1	104	23.52	23.46	23.35			
20	QPSK	50	0	22.64	22.63	22.48	23.5	1.0	
20	QPSK	50	28	23.30	23.39	23.29	24.5	0.0	
20	QPSK	50	56	22.54	22.55	22.53	23.5	1.0	
20	QPSK	100	0	22.47	22.57	22.25			
20	16QAM	1	1	22.08	22.18	22.12	23.5	1.0	
20	64QAM	1	1	20.59	20.72	20.63	22.0	2.5	
20	256QAM	1	1	19.04	19.17	19.05	20.0	4.5	
Channel				371500	376000	380500	tune-up limit	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	23.49	23.47	23.32	24.5	0.0	
Channel				371000	376000	381000	tune-up limit	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	23.43	23.51	23.36	24.5	0.0	
Channel				370500	376000	381500	tune-up limit	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	23.45	23.53	23.33	24.5	0.0	

n66 Default Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	1/2 BPSK	1	1	23.54	23.58	23.51			
40	1/2 BPSK	1	108	23.50	23.51	23.47	24.5	0.0	
40	1/2 BPSK	1	214	23.47	23.53	23.39			
40	1/2 BPSK	108	0	23.07	23.08	23.03	24.0	0.5	
40	1/2 BPSK	108	54	23.51	23.49	23.38	24.5	0.0	
40	1/2 BPSK	108	108	23.07	23.05	23.06	24.0	0.5	
40	1/2 BPSK	216	0	23.02	23.15	22.97			
40	QPSK	1	1	23.72	23.76	23.75			
40	QPSK	1	108	23.61	23.68	23.70	24.5	0.0	
40	QPSK	1	214	23.68	23.86	23.71			
40	QPSK	108	0	22.70	22.79	22.77	23.5	1.0	
40	QPSK	108	54	23.59	23.65	23.60	24.5	0.0	
40	QPSK	108	108	22.75	22.82	22.80	23.5	1.0	
40	QPSK	216	0	22.62	22.68	22.61			
40	16QAM	1	1	21.91	22.04	21.93	23.5	1.0	
40	64QAM	1	1	20.54	20.67	20.57	22.0	2.5	
40	256QAM	1	1	19.42	19.54	19.50	20.0	4.5	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.65	23.72	23.67	24.5	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	23.62	23.69	23.67	24.5	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.59	23.67	23.69	24.5	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.58	23.70	23.65	24.5	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.66	23.64	23.62	24.5	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.58	23.72	23.61	24.5	0.0	

Part270 n77 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	23.43	23.54	23.51	24.5	0.0
100	1/2 BPSK	1	137	23.33	23.49	23.47		
100	1/2 BPSK	1	271	23.38	23.45	23.46		
100	1/2 BPSK	135	0	22.94	23.07	23.02	24.0	0.5
100	1/2 BPSK	135	69	23.32	23.46	23.47	24.5	0.0
100	1/2 BPSK	135	138	22.96	23.05	23.05		
100	1/2 BPSK	270	0	22.96	23.09	23.05	24.0	0.5
100	QPSK	1	1	23.62	23.74	23.73		
100	QPSK	1	137	23.51	23.67	23.60	24.5	0.0
100	QPSK	1	271	23.48	23.62	23.60		
100	QPSK	135	0	22.59	22.75	22.69	23.5	1.0
100	QPSK	135	69	23.70	23.73	23.60	24.5	0.0
100	QPSK	135	138	22.57	22.78	22.70		
100	QPSK	270	0	22.45	22.55	22.49	23.5	1.0
100	16QAM	1	1	22.52	22.61	22.50	23.5	1.0
100	64QAM	1	1	20.72	20.78	20.74	22.0	2.5
100	256QAM	1	1	19.04	19.13	19.00	20.0	4.5
Channel				649668	656000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.51	23.60	23.64	24.5	0.0
Channel				649334	656000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.54	23.63	23.61	24.5	0.0
Channel				649000	656000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.52	23.69	23.62	24.5	0.0
Channel				648668	656000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.50	23.68	23.61	24.5	0.0
Channel				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.58	23.63	23.59	24.5	0.0
Channel				648000	656000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.51	23.70	23.61	24.5	0.0
Channel				647668	656000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.57	23.67	23.63	24.5	0.0
Channel				647500	656000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.59	23.61	23.60	24.5	0.0
Channel				647334	656000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.54	23.64	23.65	24.5	0.0
Channel				647168	656000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.56	23.64	23.66	24.5	0.0
Channel				647000	656000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.50	23.63	23.59	24.5	0.0

Part27Q n77 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		23.53		24.5	0.0
100	1/2 BPSK	1	137		23.45			
100	1/2 BPSK	1	271		23.42			
100	1/2 BPSK	135	0		23.06		24.0	0.5
100	1/2 BPSK	135	69		23.48		24.5	0.0
100	1/2 BPSK	135	138		23.08		24.0	0.5
100	1/2 BPSK	270	0		23.08			
100	QPSK	1	1		23.75			
100	QPSK	1	137		23.65		24.5	0.0
100	QPSK	1	271		23.62			
100	QPSK	135	0		22.77		23.5	1.0
100	QPSK	135	69		23.71		24.5	0.0
100	QPSK	135	138		22.78			
100	QPSK	270	0		22.69		23.5	1.0
100	16QAM	1	1		22.49		23.5	1.0
100	64QAM	1	1		21.13		22.0	2.5
100	256QAM	1	1		19.26		20.0	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.54	23.71	23.66	24.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.53	23.63	23.68	24.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.40	23.67	23.64	24.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.51	23.68	23.70	24.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.48	23.69	23.68	24.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.52	23.70	23.62	24.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.59	23.68	23.62	24.5	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.50	23.66	23.67	24.5	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.53	23.63	23.67	24.5	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.51	23.60	23.70	24.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.52	23.70	23.62	24.5	0.0

Part270 n78 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		23.75		24.5	0.0
100	1/2 BPSK	1	137		23.74			
100	1/2 BPSK	1	271		23.70			
100	1/2 BPSK	135	0		23.28		24.0	0.5
100	1/2 BPSK	135	69		23.72		24.5	0.0
100	1/2 BPSK	135	138		23.27		24.0	0.5
100	1/2 BPSK	270	0		23.35			
100	QPSK	1	1		23.79			
100	QPSK	1	137		23.70		24.5	0.0
100	QPSK	1	271		23.76			
100	QPSK	135	0		22.77		23.5	1.0
100	QPSK	135	69		23.77		24.5	0.0
100	QPSK	135	138		22.79			
100	QPSK	270	0		22.73		23.5	1.0
100	16QAM	1	1		22.46		23.5	1.0
100	64QAM	1	1		21.11		22.0	2.5
100	256QAM	1	1		19.48		20.0	4.5
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.66	23.67	23.70	24.5	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.64	23.75	23.65	24.5	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.60	23.73	23.68	24.5	0.0
Channel				648668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.64	23.66	23.71	24.5	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.59	23.68	23.62	24.5	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.60	23.71	23.71	24.5	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.61	23.71	23.69	24.5	0.0
Channel				647500	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.58	23.74	23.65	24.5	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.65	23.67	23.73	24.5	0.0
Channel				647168	650000	652834		
Frequency (MHz)				3705.52	3750	3792.51		
15	QPSK	1	1	23.58	23.71	23.69	24.5	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.59	23.66	23.65	24.5	0.0

Part27Q n78 Default Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		23.37				
100	PI/2 BPSK	1	137		23.25		24.5	0.0	
100	PI/2 BPSK	1	271		23.31				
100	PI/2 BPSK	135	0		23.08		24.0	0.5	
100	PI/2 BPSK	135	69		23.52		24.5	0.0	
100	PI/2 BPSK	135	138		23.07		24.0	0.5	
100	PI/2 BPSK	270	0		23.14				
100	QPSK	1	1		23.57				
100	QPSK	1	137		23.48		24.5	0.0	
100	QPSK	1	271		23.47				
100	QPSK	135	0		22.54		23.5	1.0	
100	QPSK	135	69		23.52		24.5	0.0	
100	QPSK	135	138		22.57		23.5	1.0	
100	QPSK	270	0		22.62		23.5	1.0	
100	16QAM	1	1		22.58		23.5	1.0	
100	64QAM	1	1		20.78		22.0	2.5	
100	256QAM	1	1		18.89		20.0	4.5	
Channel				6333000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	23.46	23.45	23.38	24.5	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	23.42	23.47	23.39	24.5	0.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465.01	3500.01	3515.01			
70	QPSK	1	1	23.51	23.53	23.45	24.5	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	23.43	23.51	23.44	24.5	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	23.50	23.50	23.41	24.5	0.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	23.43	23.51	23.37	24.5	0.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	23.51	23.50	23.41	24.5	0.0	
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	23.40	23.48	23.42	24.5	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	23.43	23.45	23.40	24.5	0.0	
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	23.50	23.42	23.39	24.5	0.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	23.46	23.52	23.38	24.5	0.0	

Part96 n77&78 PC3 Default Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000		641666	643332		
Frequency (MHz)				3600		3624.99	3649.98		
100	PI/2 BPSK	1	1	22.69	22.87	22.82			
100	PI/2 BPSK	1	137	22.67	22.76	22.82	24.5	0.0	
100	PI/2 BPSK	1	271	22.63	22.81	22.74			
100	PI/2 BPSK	135	0	22.25	22.33	22.33	24.0	0.5	
100	PI/2 BPSK	135	69	22.66	22.75	22.79	24.5	0.0	
100	PI/2 BPSK	135	138	22.28	22.32	22.40	24.0	0.5	
100	PI/2 BPSK	270	0	22.24	22.43	22.30			
100	QPSK	1	1	22.89	23.07	23.04			
100	QPSK	1	137	22.81	22.97	22.92	24.5	0.0	
100	QPSK	1	271	22.82	22.94	22.84			
100	QPSK	135	0	21.90	21.99	22.02	23.5	1.0	
100	QPSK	135	69	22.98	23.02	22.93	24.5	0.0	
100	QPSK	135	138	21.88	22.13	21.97	23.5	1.0	
100	QPSK	270	0	21.79	21.89	21.85			
100	16QAM	1	1	21.83	21.95	21.86	23.5	1.0	
100	64QAM	1	1	20.09	20.13	20.03	22.0	2.5	
100	256QAM	1	1	18.40	18.48	18.32	20.0	4.5	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	22.83	22.93	22.95	24.5	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	22.76	22.99	22.96	24.5	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	22.74	22.99	23.00	24.5	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	22.76	22.99	22.98	24.5	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	22.85	23.02	22.94	24.5	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	22.82	22.94	22.96	24.5	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	22.79	23.00	22.96	24.5	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	22.84	23.01	22.93	24.5	0.0	

Part270 n77 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	20.54	20.64	20.57	22.5	0.0
100	1/2 BPSK	1	137	20.53	20.52	20.57		
100	1/2 BPSK	1	271	20.57	20.58	20.52		
100	1/2 BPSK	135	0	20.16	20.19	20.16	22.0	0.5
100	1/2 BPSK	135	69	20.54	20.61	20.54	22.5	0.0
100	1/2 BPSK	135	138	20.18	20.24	20.20		
100	1/2 BPSK	270	0	20.20	20.24	20.17	22.0	0.5
100	QPSK	1	1	21.11	21.17	21.05		
100	QPSK	1	137	21.02	21.03	20.92	22.5	0.0
100	QPSK	1	271	21.05	21.10	20.91		
100	QPSK	135	0	20.14	20.23	20.05	21.5	1.0
100	QPSK	135	69	20.62	20.77	20.70	22.5	0.0
100	QPSK	135	138	20.15	20.17	20.05		
100	QPSK	270	0	19.66	19.76	19.66	21.5	1.0
100	16QAM	1	1	19.53	19.56	19.57	21.5	1.0
100	64QAM	1	1	18.10	18.02	18.12	20.0	2.5
100	256QAM	1	1	16.14	16.27	16.21	18.0	4.5
Channel				649668	656000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.03	21.14	20.92	22.5	0.0
Channel				649334	656000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.02	21.05	20.96	22.5	0.0
Channel				649000	656000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.07	21.09	20.92	22.5	0.0
Channel				648668	656000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.06	21.05	20.96	22.5	0.0
Channel				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.03	21.04	20.92	22.5	0.0
Channel				648000	656000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.97	21.07	20.98	22.5	0.0
Channel				647668	656000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.97	21.08	20.97	22.5	0.0
Channel				647500	656000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.07	21.12	20.97	22.5	0.0
Channel				647334	656000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.09	21.09	20.95	22.5	0.0
Channel				647168	656000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.00	21.04	20.96	22.5	0.0
Channel				647000	656000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.99	21.09	20.98	22.5	0.0

Part27Q n77 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		21.92		22.5	0.0
100	1/2 BPSK	1	137		21.86			
100	1/2 BPSK	1	271		21.87			
100	1/2 BPSK	135	0		21.49		22.0	0.5
100	1/2 BPSK	135	69		21.87		22.5	0.0
100	1/2 BPSK	135	138		21.47		22.0	0.5
100	1/2 BPSK	270	0		21.40			
100	QPSK	1	1		21.95			
100	QPSK	1	137		21.90		22.5	0.0
100	QPSK	1	271		21.91			
100	QPSK	135	0		20.95		21.5	1.0
100	QPSK	135	69		21.78		22.5	0.0
100	QPSK	135	138		20.95			
100	QPSK	270	0		21.05		21.5	1.0
100	16QAM	1	1		20.88		21.5	1.0
100	64QAM	1	1		19.35		20.0	2.5
100	256QAM	1	1		17.68		18.0	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.74	21.83	21.83	22.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.74	21.82	21.78	22.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.82	21.92	21.85	22.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.80	21.85	21.88	22.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.81	21.91	21.81	22.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.75	21.91	21.80	22.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.75	21.88	21.82	22.5	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.70	21.91	21.77	22.5	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.75	21.86	21.77	22.5	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.75	21.84	21.83	22.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.80	21.90	21.87	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			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		21.30			
100	1/2 BPSK	1	137		21.15		22.5	0.0
100	1/2 BPSK	1	271		21.23			
100	1/2 BPSK	135	0		20.78		22.0	0.5
100	1/2 BPSK	135	69		21.21		22.5	0.0
100	1/2 BPSK	135	138		20.79		22.0	0.5
100	1/2 BPSK	270	0		20.78			
100	QPSK	1	1		21.32		22.5	0.0
100	QPSK	1	137		21.25			
100	QPSK	1	271		21.29			
100	QPSK	135	0		20.35		21.5	1.0
100	QPSK	135	69		21.18		22.5	0.0
100	QPSK	135	138		20.34			
100	QPSK	270	0		20.12		21.5	1.0
100	16QAM	1	1		20.27		21.5	1.0
100	64QAM	1	1		18.64		20.0	2.5
100	256QAM	1	1		16.99		18.0	4.5
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.17	21.22	21.23	22.5	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.24	21.27	21.27	22.5	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.28	21.27	21.21	22.5	0.0
Channel				648668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.27	21.28	21.26	22.5	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647500	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647168	650000	652834		
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.29	21.27	21.24	22.5	0.0

Part27Q n78 Default Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI/2 BPSK	1	1		21.96		22.5	0.0	
100	PI/2 BPSK	1	137		21.82				
100	PI/2 BPSK	1	271		21.91		22.0	0.5	
100	PI/2 BPSK	135	0		21.47				
100	PI/2 BPSK	135	69		21.83		22.5	0.0	
100	PI/2 BPSK	135	138		21.51				
100	PI/2 BPSK	270	0		21.52		22.0	0.5	
100	QPSK	1	1		21.97				
100	QPSK	1	137		21.50		22.5	0.0	
100	QPSK	1	271		21.42				
100	QPSK	135	0		20.94		21.5	1.0	
100	QPSK	135	69		21.91				
100	QPSK	135	138		21.04		22.5	0.0	
100	QPSK	270	0		21.11				
100	16QAM	1	1		20.92		21.5	1.0	
100	64QAM	1	1		19.37				
100	256QAM	1	1		17.43		20.0	2.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02	22.5	0.0	
90	QPSK	1	1	21.83	21.88	21.86			
Channel				632668	633334	634000	3490.02	3500.01	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	21.79	21.91	21.80	22.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01	22.5	0.0	
70	QPSK	1	1	21.70	21.87	21.81			
Channel				632000	633334	634668	3480	3500.01	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	21.84	21.83	21.76	22.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	22.5	0.0	
50	QPSK	1	1	21.76	21.84	21.76			
Channel				631334	633334	635334	3470.01	3500.01	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	21.73	21.84	21.83	22.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	22.5	0.0	
30	QPSK	1	1	21.82	21.83	21.83			
Channel				630834	633334	635834	3462.51	3500.01	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	21.73	21.89	21.76	22.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	22.5	0.0	
20	QPSK	1	1	21.74	21.90	21.79			
Channel				630500	633334	636168	3457.5	3500.01	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	21.79	21.85	21.87	22.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01	22.5	0.0	
10	QPSK	1	1	21.83	21.92	21.79			

Part96 n77&78 PC3 Default Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	3600	3624.99 3649.98	
Frequency (MHz)									
100	PI/2 BPSK	1	1	20.86	20.91	20.88	22.5	0.0	
100	PI/2 BPSK	1	137	20.86	20.87	20.92			
100	PI/2 BPSK	1	271	20.86	20.89	20.76			
100	PI/2 BPSK	135	0	20.42	20.55	20.45	22.0	0.5	
100	PI/2 BPSK	135	69	20.79	20.92	20.82	22.5	0.0	
100	PI/2 BPSK	135	138	20.50	20.55	20.47	22.0	0.5	
100	PI/2 BPSK	270	0	20.47	20.54	20.52	22.5	0.0	
100	QPSK	1	1	21.37	21.52	21.39			
100	QPSK	1	137	21.32	21.33	21.19			
100	QPSK	1	271	21.33	21.37	21.18	21.5	1.0	
100	QPSK	135	0	20.50	20.51	20.32			
100	QPSK	135	69	20.93	21.09	20.97			
100	QPSK	135	138	20.49	20.41	20.35	22.5	0.0	
100	QPSK	270	0	19.94	20.10	19.98	21.5	1.0	
100	16QAM	1	1	19.82	19.92	19.82	21.5	1.0	
100	64QAM	1	1	18.38	18.36	18.37	20.0	2.5	
100	256QAM	1	1	16.39	16.59	16.53	18.0	4.5	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99	22.5	0.0	
90	QPSK	1	1	21.29	21.44	21.26	22.5	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660	22.5	0.0	
80	QPSK	1	1	21.30	21.46	21.24	22.5	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98	22.5	0.0	
70	QPSK	1	1	21.27	21.46	21.28	22.5	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99	22.5	0.0	
60	QPSK	1	1	21.26	21.47	21.33	22.5	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675	22.5	0.0	
50	QPSK	1	1	21.25	21.39	21.27	22.5	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3624.99	22.5	0.0	
40	QPSK	1	1	21.22	21.45	21.31	22.5	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99	22.5	0.0	
30	QPSK	1	1	21.27	21.36	21.26	22.5	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690	22.5	0.0	
20	QPSK	1	1	21.28	21.44	21.33	22.5	0.0	

n7 Default Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	1/2 BPSK	1	1	23.70	23.74	23.60	24.5	0.0
50	1/2 BPSK	1	135	23.61	23.66	23.49		
50	1/2 BPSK	1	268	23.57	23.60	23.54		
50	1/2 BPSK	135	0	23.17	23.24	23.07	24.0	0.5
50	1/2 BPSK	135	68	23.67	23.78	23.56	24.5	0.0
50	1/2 BPSK	135	135	23.18	23.27	23.07	24.0	0.5
50	1/2 BPSK	270	0	23.15	23.21	23.07		
50	QPSK	1	1	23.75	23.82	23.81		
50	QPSK	1	135	23.72	23.73	23.55	24.5	0.0
50	QPSK	1	268	23.71	23.73	23.53		
50	QPSK	135	0	22.78	22.82	22.61	23.5	1.0
50	QPSK	135	68	23.76	23.80	23.70	24.5	0.0
50	QPSK	135	135	22.78	22.87	22.64	23.5	1.0
50	QPSK	270	0	22.74	22.78	22.68		
50	16QAM	1	1	22.43	22.57	22.54	23.5	1.0
50	64QAM	1	1	21.19	21.23	21.11	22.0	2.5
50	256QAM	1	1	19.45	19.53	19.42	20.0	4.5
Channel				504000	507000	510000	tune up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.62	23.70	23.67	24.5	0.0
Channel				503000	507000	511000	tune up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.63	23.77	23.71	24.5	0.0
Channel				502500	507000	511500	tune up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.66	23.73	23.71	24.5	0.0
Channel				502000	507000	512000	tune up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	1/2 BPSK	1	1	23.70	23.72	23.69	24.5	0.0
Channel				501500	507000	512500	tune up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.66	23.75	23.71	24.5	0.0
Channel				501000	507000	513000	tune up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.66	23.72	23.76	24.5	0.0
Channel				500500	507000	513500	tune up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.71	23.70	23.66	24.5	0.0

n38 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	23.47	23.54	23.43			
40	1/2 BPSK	1	53	23.41	23.42	23.37	24.5	0.0	
40	1/2 BPSK	1	104	23.32	23.49	23.32			
40	1/2 BPSK	50	0	22.99	23.04	22.98	24.0	0.5	
40	1/2 BPSK	50	28	23.41	23.44	23.31	24.5	0.0	
40	1/2 BPSK	50	56	22.85	23.01	22.86			
40	1/2 BPSK	100	0	22.96	23.06	22.89	24.0	0.5	
40	QPSK	1	1	23.49	23.64	23.63			
40	QPSK	1	53	23.35	23.57	23.52	24.5	0.0	
40	QPSK	1	104	23.38	23.49	23.60			
40	QPSK	50	0	22.55	22.66	22.69	23.5	1.0	
40	QPSK	50	28	23.31	23.40	23.36	24.5	0.0	
40	QPSK	50	56	22.63	22.66	22.60			
40	QPSK	100	0	22.48	22.51	22.43	23.5	1.0	
40	16QAM	1	1	22.56	22.64	22.57	23.5	1.0	
40	64QAM	1	1	20.87	20.92	20.85	22.0	2.5	
40	256QAM	1	1	19.05	19.10	19.05	20.0	4.5	
Channel				517002	519000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	23.43	23.50	23.57	24.5	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	23.43	23.58	23.54	24.5	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	23.40	23.49	23.52	24.5	0.0	
Channel				515004	519000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	23.35	23.54	23.59	24.5	0.0	

n41 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	23.64	23.72	23.62			
100	1/2 BPSK	1	137	23.60	23.64	23.57	24.5	0.0	
100	1/2 BPSK	1	271	23.55	23.66	23.47			
100	1/2 BPSK	135	0	23.18	23.23	23.16	24.0	0.5	
100	1/2 BPSK	135	69	23.50	23.69	23.51	24.5	0.0	
100	1/2 BPSK	135	138	23.19	23.17	23.17			
100	1/2 BPSK	270	0	23.19	23.22	23.12	24.0	0.5	
100	QPSK	1	1	23.72	23.77	23.66			
100	QPSK	1	137	23.51	23.63	23.52	24.5	0.0	
100	QPSK	1	271	23.49	23.81	23.53			
100	QPSK	135	0	22.61	22.79	22.59	23.5	1.0	
100	QPSK	135	69	23.50	23.55	23.48	24.5	0.0	
100	QPSK	135	138	22.63	22.72	22.68			
100	QPSK	270	0	22.52	22.63	22.48	23.5	1.0	
100	16QAM	1	1	22.53	22.61	22.48	23.5	1.0	
100	64QAM	1	1	21.12	21.18	21.11	22.0	2.5	
100	256QAM	1	1	19.31	19.38	19.30	20.0	4.5	
Channel				508200	518598	528996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	23.68	23.63	23.55	24.5	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	23.68	23.73	23.55	24.5	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	23.61	23.69	23.52	24.5	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	23.60	23.67	23.52	24.5	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	23.65	23.64	23.56	24.5	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	23.60	23.67	23.58	24.5	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	23.61	23.74	23.53	24.5	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	23.65	23.69	23.59	24.5	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	23.63	23.72	23.54	24.5	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	23.59	23.73	23.51	24.5	0.0	

n41 HPUE Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	26.60	26.72	26.69			
100	1/2 BPSK	1	137	26.56	26.68	26.55	27.5	0.0	
100	1/2 BPSK	1	271	26.59	26.64	26.51			
100	1/2 BPSK	135	0	26.06	26.18	26.15	27.0	0.5	
100	1/2 BPSK	135	69	26.57	26.69	26.65	27.5	0.0	
100	1/2 BPSK	135	138	26.09	26.18	26.15			
100	1/2 BPSK	270	0	26.11	26.21	26.17			
100	QPSK	1	1	26.06	26.74	26.48			
100	QPSK	1	137	25.95	26.88	26.34	27.5	0.0	
100	QPSK	1	271	25.91	26.71	26.43			
100	QPSK	135	0	25.04	25.77	25.53	26.5	1.0	
100	QPSK	135	69	26.45	26.47	26.45	27.5	0.0	
100	QPSK	135	138	25.66	25.64	25.59			
100	QPSK	270	0	25.51	25.56	25.52	26.5	1.0	
100	16QAM	1	1	25.24	25.32	25.27	26.5	1.0	
100	64QAM	1	1	24.09	24.08	24.09	25.0	2.5	
100	256QAM	1	1	21.71	21.64	21.68	23.0	4.5	
Channel				508200	518598	528996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	25.97	26.68	26.36	27.5	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	25.95	26.68	26.41	27.5	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	25.96	26.60	26.36	27.5	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	25.97	26.66	26.36	27.5	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	26.02	26.61	26.41	27.5	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	26.00	26.63	26.42	27.5	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	26.01	26.71	26.36	27.5	0.0	
Channel				501202	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	25.99	26.65	26.39	27.5	0.0	
Channel				500700	518598	536996			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	25.91	26.69	26.43	27.5	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	25.95	26.65	26.40	27.5	0.0	

Part270 n77 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	24.13	24.21	24.07			
100	1/2 BPSK	1	137	24.25	24.35	24.16	25.5	0.0	
100	1/2 BPSK	1	271	24.21	24.37	24.21			
100	1/2 BPSK	135	0	23.91	24.06	23.82	25.0	0.5	
100	1/2 BPSK	135	69	24.20	24.29	24.20	25.5	0.0	
100	1/2 BPSK	135	138	23.95	24.04	23.83	25.0	0.5	
100	1/2 BPSK	270	0	23.94	24.02	23.91			
100	QPSK	1	1	24.41	24.45	24.31			
100	QPSK	1	137	24.29	24.36	24.18	25.5	0.0	
100	QPSK	1	271	24.30	24.39	24.17			
100	QPSK	135	0	23.36	23.51	23.30	24.5	1.0	
100	QPSK	135	69	24.31	24.38	24.32	25.5	0.0	
100	QPSK	135	138	23.44	23.50	23.34	24.5	1.0	
100	QPSK	270	0	23.14	23.29	23.18			
100	16QAM	1	1	23.15	23.26	23.16	24.5	1.0	
100	64QAM	1	1	21.45	21.55	21.41	23.0	2.5	
100	256QAM	1	1	19.61	19.68	19.62	21.0	4.5	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	24.33	24.32	24.23	25.5	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	24.30	24.36	24.21	25.5	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	24.30	24.42	24.19	25.5	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	24.27	24.37	24.23	25.5	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	24.29	24.40	24.19	25.5	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	24.32	24.33	24.25	25.5	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	24.29	24.31	24.20	25.5	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	24.26	24.40	24.20	25.5	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	24.33	24.42	24.18	25.5	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	24.35	24.38	24.27	25.5	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	24.36	24.32	24.26	25.5	0.0	

Part27Q n77 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					633334				
Frequency (MHz)					3500.01				
100	1/2 BPSK	1	1		24.17				
100	1/2 BPSK	1	137		24.13		25.5	0.0	
100	1/2 BPSK	1	271		24.04				
100	1/2 BPSK	135	0		23.64		25.0	0.5	
100	1/2 BPSK	135	69		24.06		25.5	0.0	
100	1/2 BPSK	135	138		23.72		25.0	0.5	
100	1/2 BPSK	270	0		23.73				
100	QPSK	1	1		24.48				
100	QPSK	1	137		24.41		25.5	0.0	
100	QPSK	1	271		24.41				
100	QPSK	135	0		23.48		24.5	1.0	
100	QPSK	135	69		24.35		25.5	0.0	
100	QPSK	135	138		23.44		24.5	1.0	
100	QPSK	270	0		23.36				
100	16QAM	1	1		23.18		24.5	1.0	
100	64QAM	1	1		21.63		23.0	2.5	
100	256QAM	1	1		19.96		21.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	24.33	24.37	24.28	25.5	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	24.33	24.41	24.26	25.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	24.30	24.44	24.25	25.5	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	24.27	24.43	24.29	25.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	24.34	24.36	24.30	25.5	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	24.24	24.44	24.24	25.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	24.27	24.36	24.32	25.5	0.0	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	24.25	24.38	24.30	25.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	24.27	24.36	24.24	25.5	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	24.30	24.41	24.22	25.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	24.33	24.43	24.24	25.5	0.0	

Part270 n78 Default Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPSK	1	1		24.54				
100	1/2 BPSK	1	137		24.21		25.5	0.0	
100	1/2 BPSK	1	271		24.17				
100	1/2 BPSK	135	0		23.72		25.0	0.5	
100	1/2 BPSK	135	69		24.12		25.5	0.0	
100	1/2 BPSK	135	138		23.86		25.0	0.5	
100	1/2 BPSK	270	0		23.87				
100	QPSK	1	1		24.57				
100	QPSK	1	137		24.56		25.5	0.0	
100	QPSK	1	271		24.55				
100	QPSK	135	0		23.56		24.5	1.0	
100	QPSK	135	69		24.53		25.5	0.0	
100	QPSK	135	138		23.58		24.5	1.0	
100	QPSK	270	0		23.45				
100	16QAM	1	1		23.45		24.5	1.0	
100	64QAM	1	1		21.71		23.0	2.5	
100	256QAM	1	1		20.03		21.0	4.5	
Channel				649668	650000	650334		MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	24.44	24.52	24.33	25.5	0.0	
Channel				648334	650000	650668		MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	24.44	24.47	24.35	25.5	0.0	
Channel				649000	650000	651000		MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	24.44	24.47	24.38	25.5	0.0	
Channel				648668	650000	651334		MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	24.37	24.50	24.32	25.5	0.0	
Channel				648334	650000	651668		MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	24.29	24.50	24.40	25.5	0.0	
Channel				648000	650000	652000		MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	24.38	24.53	24.38	25.5	0.0	
Channel				647668	650000	652334		MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	24.37	24.52	24.34	25.5	0.0	
Channel				647500	650000	652500		MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	24.45	24.53	24.34	25.5	0.0	
Channel				647334	650000	652668		MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	24.38	24.51	24.36	25.5	0.0	
Channel				647168	650000	652834		MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	24.47	24.47	24.34	25.5	0.0	
Channel				647000	650000	653000		MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	24.42	24.52	24.34	25.5	0.0	

Part27Q n78 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		24.08		25.5	0.0	
100	1/2 BPSK	1	137		24.26				
100	1/2 BPSK	1	271		24.17				
100	1/2 BPSK	135	0		23.72	25.0			
100	1/2 BPSK	135	69		24.22		25.5	0.0	
100	1/2 BPSK	135	138		23.81		25.0	0.5	
100	1/2 BPSK	270	0		23.80		25.0	0.5	
100	QPSK	1	1		24.42				
100	QPSK	1	137		24.40		25.5	0.0	
100	QPSK	1	271		24.41				
100	QPSK	135	0		23.54		24.5	1.0	
100	QPSK	135	69		24.22		25.5	0.0	
100	QPSK	135	138		23.56		24.5	1.0	
100	QPSK	270	0		23.33		24.5	1.0	
100	16QAM	1	1		23.06		24.5	1.0	
100	64QAM	1	1		21.43		23.0	2.5	
100	256QAM	1	1		19.73		21.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	24.38	24.28	24.36	25.5	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	24.38	24.34	24.30	25.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	24.33	24.35	24.26	25.5	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	24.37	24.35	24.28	25.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	24.33	24.34	24.31	25.5	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	24.34	24.28	24.28	25.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	24.28	24.38	24.34	25.5	0.0	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	24.39	24.35	24.36	25.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	24.38	24.36	24.27	25.5	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	24.30	24.27	24.29	25.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	24.33	24.33	24.35	25.5	0.0	

Part96 n77&78 PC3 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	23.60	23.70	23.63	25.5		0.0
100	PI/2 BPSK	1	137	23.70	23.85	23.64			
100	PI/2 BPSK	1	271	23.76	23.92	23.72			
100	PI/2 BPSK	135	0	23.47	23.53	23.27			
100	PI/2 BPSK	135	69	23.74	23.79	23.65	25.5		0.0
100	PI/2 BPSK	135	138	23.49	23.51	23.29	25.0		0.5
100	PI/2 BPSK	270	0	23.47	23.55	23.46			
100	QPSK	1	1	23.88	23.98	23.80			
100	QPSK	1	137	23.78	23.82	23.65			
100	QPSK	1	271	23.79	23.94	23.71	25.5		0.0
100	QPSK	135	0	22.92	22.99	22.79			
100	QPSK	135	69	23.77	23.88	23.86			
100	QPSK	135	138	22.92	23.03	22.87			
100	QPSK	270	0	22.60	22.82	22.63	24.5		1.0
100	16QAM	1	1	22.67	22.75	22.63			
100	64QAM	1	1	21.05	21.04	21.05			
100	256QAM	1	1	19.12	19.22	19.07			
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	23.82	23.89	23.72	25.5		0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	23.72	23.91	23.71	25.5		0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	23.72	23.94	23.66	25.5		0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	23.78	23.91	23.69	25.5		0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	23.72	23.87	23.68	25.5		0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3674.99			
40	QPSK	1	1	23.83	23.84	23.68	25.5		0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	23.76	23.85	23.74	25.5		0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	23.78	23.91	23.66	25.5		0.0

n41 Default Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	22.38	22.43	22.38		
100	1/2 BPSK	1	137	22.37	22.43	22.40	24.0	0.0
100	1/2 BPSK	1	271	22.42	22.46	22.33		
100	1/2 BPSK	135	0	22.03	22.01	22.00	23.5	0.5
100	1/2 BPSK	135	69	22.44	22.46	22.38	24.0	0.0
100	1/2 BPSK	135	138	22.02	22.01	21.94		
100	1/2 BPSK	270	0	21.98	21.98	21.95	23.5	0.5
100	QPSK	1	1	22.51	22.54	22.46		
100	QPSK	1	137	22.44	22.40	22.40	24.0	0.0
100	QPSK	1	271	22.45	22.40	22.42		
100	QPSK	135	0	21.50	21.56	21.50	23.0	1.0
100	QPSK	135	69	22.37	22.42	22.41	24.0	0.0
100	QPSK	135	138	21.50	21.51	21.46	23.0	1.0
100	QPSK	270	0	21.53	21.58	21.52		
100	16QAM	1	1	21.48	21.51	21.46	23.0	1.0
100	64QAM	1	1	20.01	20.06	19.98	21.5	2.5
100	256QAM	1	1	18.01	18.02	17.95	19.5	4.5
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.40	22.48	22.38	24.0	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.40	22.43	22.35	24.0	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.43	22.38	22.40	24.0	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.35	22.39	22.35	24.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.42	22.50	22.35	24.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.42	22.48	22.33	24.0	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.40	22.49	22.34	24.0	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.47	22.42	22.37	24.0	0.0
Channel				500700	518598	536996		
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.46	22.47	22.39	24.0	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.37	22.40	22.34	24.0	0.0

n7 Default Ant 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	1/2 BPSK	1	1	23.62	23.77	23.70		
50	1/2 BPSK	1	135	23.53	23.68	23.63	24.5	0.0
50	1/2 BPSK	1	268	23.51	23.70	23.64		
50	1/2 BPSK	135	0	23.17	23.26	23.25	24.0	0.5
50	1/2 BPSK	135	68	23.48	23.65	23.60	24.5	0.0
50	1/2 BPSK	135	135	23.09	23.31	23.26		
50	1/2 BPSK	270	0	23.18	23.32	23.16	24.0	0.5
50	QPSK	1	1	23.55	23.81	23.71		
50	QPSK	1	135	23.50	23.76	23.61	24.5	0.0
50	QPSK	1	268	23.40	23.68	23.67		
50	QPSK	135	0	22.59	22.88	22.70	23.5	1.0
50	QPSK	135	68	23.54	23.62	23.55	24.5	0.0
50	QPSK	135	135	22.60	22.87	22.71		
50	QPSK	270	0	22.52	22.59	22.47	23.5	1.0
50	16QAM	1	1	22.60	22.75	22.64	23.5	1.0
50	64QAM	1	1	21.34	21.41	21.30	22.0	2.5
50	256QAM	1	1	19.41	19.48	19.42	20.0	4.5
Channel				504000	507000	510000	tune up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.48	23.71	23.57	24.5	0.0
Channel				503000	507000	511000	tune up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.47	23.66	23.58	24.5	0.0
Channel				502500	507000	511500	tune up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.44	23.71	23.61	24.5	0.0
Channel				502000	507000	512000	tune up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	1/2 BPSK	1	1	23.45	23.72	23.63	24.5	0.0
Channel				501500	507000	512500	tune up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.48	23.77	23.68	24.5	0.0
Channel				501000	507000	513000	tune up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.43	23.68	23.65	24.5	0.0
Channel				500500	507000	513500	tune up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.40	23.70	23.60	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	21.91	21.92	21.82		
100	1/2 BPSK	1	137	21.82	21.89	21.86	23.0	0.0
100	1/2 BPSK	1	271	21.91	21.91	21.86		
100	1/2 BPSK	135	0	21.46	21.46	21.52	22.5	0.5
100	1/2 BPSK	135	69	21.88	21.88	21.81	23.0	0.0
100	1/2 BPSK	135	138	21.41	21.52	21.46	22.5	0.5
100	1/2 BPSK	270	0	21.42	21.53	21.49		
100	QPSK	1	1	21.95	21.98	21.97		
100	QPSK	1	137	21.89	21.86	21.88	23.0	0.0
100	QPSK	1	271	21.83	21.93	21.87		
100	QPSK	135	0	21.00	20.93	20.96	22.0	1.0
100	QPSK	135	69	21.81	21.84	21.81	23.0	0.0
100	QPSK	135	138	20.99	20.99	21.00		
100	QPSK	270	0	20.92	21.00	20.98	22.0	1.0
100	16QAM	1	1	21.01	20.93	20.97	22.0	1.0
100	64QAM	1	1	19.50	19.50	19.49	20.5	2.5
100	256QAM	1	1	17.44	17.53	17.52	18.5	4.5
Channel				508200	518598	528996	tune up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.90	21.94	21.91	23.0	0.0
Channel				507204	518598	529998	tune up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.90	21.86	21.93	23.0	0.0
Channel				506202	518598	531000	tune up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.90	21.92	21.90	23.0	0.0
Channel				505200	518598	531996	tune up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.89	21.86	21.90	23.0	0.0
Channel				504204	518598	532998	tune up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.87	21.84	21.93	23.0	0.0
Channel				503202	518598	534000	tune up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.89	21.92	21.84	23.0	0.0
Channel				502200	518598	534996	tune up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.88	21.89	21.86	23.0	0.0
Channel				501204	518598	535998	tune up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.87	21.84	21.85	23.0	0.0
Channel				500100	518598	536996	tune up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.90	21.92	21.90	23.0	0.0
Channel				500202	518598	537000	tune up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.84	21.92	21.83	23.0	0.0

Part270 n77 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	23.43	23.54	23.51	24.5	0.0
100	1/2 BPSK	1	137	23.33	23.49	23.47		
100	1/2 BPSK	1	271	23.38	23.45	23.46		
100	1/2 BPSK	135	0	22.94	23.07	23.02	24.0	0.5
100	1/2 BPSK	135	69	23.32	23.46	23.47	24.5	0.0
100	1/2 BPSK	135	138	22.96	23.05	23.05		
100	1/2 BPSK	270	0	22.96	23.09	23.05	24.0	0.5
100	QPSK	1	1	23.62	23.74	23.73		
100	QPSK	1	137	23.51	23.67	23.60	24.5	0.0
100	QPSK	1	271	23.48	23.62	23.60		
100	QPSK	135	0	22.59	22.75	22.69	23.5	1.0
100	QPSK	135	69	23.70	23.73	23.60	24.5	0.0
100	QPSK	135	138	22.57	22.78	22.70		
100	QPSK	270	0	22.45	22.55	22.49	23.5	1.0
100	16QAM	1	1	22.52	22.61	22.50	23.5	1.0
100	64QAM	1	1	20.72	20.78	20.74	22.0	2.5
100	256QAM	1	1	19.04	19.13	19.00	20.0	4.5
Channel				649668	656000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.51	23.60	23.64	24.5	0.0
Channel				649334	656000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.54	23.63	23.61	24.5	0.0
Channel				649000	656000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.52	23.69	23.62	24.5	0.0
Channel				648668	656000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.50	23.68	23.61	24.5	0.0
Channel				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.58	23.63	23.59	24.5	0.0
Channel				648000	656000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.51	23.70	23.61	24.5	0.0
Channel				647668	656000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.57	23.67	23.63	24.5	0.0
Channel				647500	656000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.59	23.61	23.60	24.5	0.0
Channel				647334	656000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.54	23.64	23.65	24.5	0.0
Channel				647168	656000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.56	23.64	23.66	24.5	0.0
Channel				647000	656000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.50	23.63	23.59	24.5	0.0

Part27Q n77 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		23.53		24.5	0.0
100	1/2 BPSK	1	137		23.45			
100	1/2 BPSK	1	271		23.42			
100	1/2 BPSK	135	0		23.06		24.0	0.5
100	1/2 BPSK	135	69		23.48		24.5	0.0
100	1/2 BPSK	135	138		23.08		24.0	0.5
100	1/2 BPSK	270	0		23.08			
100	QPSK	1	1		23.75			
100	QPSK	1	137		23.65		24.5	0.0
100	QPSK	1	271		23.62			
100	QPSK	135	0		22.77		23.5	1.0
100	QPSK	135	69		23.71		24.5	0.0
100	QPSK	135	138		22.78			
100	QPSK	270	0		22.69		23.5	1.0
100	16QAM	1	1		22.49		23.5	1.0
100	64QAM	1	1		21.13		22.0	2.5
100	256QAM	1	1		19.26		20.0	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.54	23.71	23.66	24.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.53	23.63	23.68	24.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.40	23.67	23.64	24.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.51	23.68	23.70	24.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.48	23.69	23.68	24.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.52	23.70	23.62	24.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.59	23.68	23.62	24.5	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.50	23.66	23.67	24.5	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.53	23.63	23.67	24.5	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.51	23.60	23.70	24.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.52	23.70	23.62	24.5	0.0

Part270 n78 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		23.75		24.5	0.0
100	1/2 BPSK	1	137		23.74			
100	1/2 BPSK	1	271		23.70			
100	1/2 BPSK	135	0		23.28		24.0	0.5
100	1/2 BPSK	135	69		23.72		24.5	0.0
100	1/2 BPSK	135	138		23.27		24.0	0.5
100	1/2 BPSK	270	0		23.35			
100	QPSK	1	1		23.79		24.5	0.0
100	QPSK	1	137		23.70			
100	QPSK	1	271		23.76			
100	QPSK	135	0		22.77		23.5	1.0
100	QPSK	135	69		23.77		24.5	0.0
100	QPSK	135	138		22.79			
100	QPSK	270	0		22.73		23.5	1.0
100	16QAM	1	1		22.46		23.5	1.0
100	64QAM	1	1		21.11		22.0	2.5
100	256QAM	1	1		19.48		20.0	4.5
Channel				649668	650000	650334	tune up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01	tune up limit	
90	QPSK	1	1	23.66	23.67	23.70	24.5	0.0
Channel				649334	650000	650668	tune up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02	tune up limit	
80	QPSK	1	1	23.64	23.75	23.65	24.5	0.0
Channel				649000	650000	651000	tune up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765	tune up limit	
70	QPSK	1	1	23.60	23.73	23.68	24.5	0.0
Channel				648668	650000	651334	tune up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01	tune up limit	
60	QPSK	1	1	23.64	23.66	23.71	24.5	0.0
Channel				648334	650000	651668	tune up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02	tune up limit	
50	QPSK	1	1	23.59	23.68	23.62	24.5	0.0
Channel				648000	650000	652000	tune up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780	tune up limit	
40	QPSK	1	1	23.60	23.71	23.71	24.5	0.0
Channel				647668	650000	652334	tune up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01	tune up limit	
30	QPSK	1	1	23.61	23.71	23.69	24.5	0.0
Channel				647500	650000	652500	tune up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	tune up limit	
25	QPSK	1	1	23.58	23.74	23.65	24.5	0.0
Channel				647334	650000	652668	tune up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02	tune up limit	
20	QPSK	1	1	23.65	23.67	23.73	24.5	0.0
Channel				647168	650000	652834	tune up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51	tune up limit	
15	QPSK	1	1	23.58	23.71	23.69	24.5	0.0
Channel				647000	650000	653000	tune up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795	tune up limit	
10	QPSK	1	1	23.59	23.66	23.65	24.5	0.0

Part27Q n78 Default Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI/2 BPSK	1	1		23.37		24.5	0.0	
100	PI/2 BPSK	1	137		23.25				
100	PI/2 BPSK	1	271		23.31		24.0	0.5	
100	PI/2 BPSK	135	0		23.08				
100	PI/2 BPSK	135	69		23.52		24.5	0.0	
100	PI/2 BPSK	135	138		23.07				
100	PI/2 BPSK	270	0		23.14		24.0	0.5	
100	QPSK	1	1		23.57				
100	QPSK	1	137		23.48		24.5	0.0	
100	QPSK	1	271		23.47				
100	QPSK	135	0		22.54		23.5	1.0	
100	QPSK	135	69		23.52				
100	QPSK	135	138		22.57		23.5	1.0	
100	QPSK	270	0		22.62				
100	16QAM	1	1		22.58		23.5	1.0	
100	64QAM	1	1		20.78				
100	256QAM	1	1		18.89		20.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02	24.5	0.0	
90	QPSK	1	1	23.46	23.45	23.38			
Channel				632668	633334	634000	3490.02	3510	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	23.42	23.47	23.39	24.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01	24.5	0.0	
70	QPSK	1	1	23.51	23.53	23.46			
Channel				632000	633334	634668	3480	3520.02	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	23.43	23.51	23.44	24.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	24.5	0.0	
50	QPSK	1	1	23.50	23.50	23.41			
Channel				631334	633334	635334	3470.01	3530.01	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	23.43	23.51	23.37	24.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	24.5	0.0	
30	QPSK	1	1	23.51	23.50	23.41			
Channel				630834	633334	635834	3462.51	3537.51	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	23.40	23.43	23.42	24.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	24.5	0.0	
20	QPSK	1	1	23.43	23.45	23.40			
Channel				630500	633334	636168	3457.5	3542.52	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	23.50	23.42	23.39	24.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01	24.5	0.0	
10	QPSK	1	1	23.46	23.52	23.38			

Part96 n77&78 PC3 Default Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000			3600	3624.99 3649.98	
Frequency (MHz)									
100	PI/2 BPSK	1	1	12.79	12.92	12.89	14.0	0.0	
100	PI/2 BPSK	1	137	12.85	12.89	12.83			
100	PI/2 BPSK	1	271	12.84	12.93	12.88			
100	PI/2 BPSK	135	0	12.80	12.91	12.83	14.0	0.0	
100	PI/2 BPSK	135	69	12.81	12.92	12.89	14.0	0.0	
100	PI/2 BPSK	135	138	12.85	12.88	12.89	14.0	0.0	
100	PI/2 BPSK	270	0	12.88	12.87	12.89	14.0	0.0	
100	QPSK	1	1	12.92	12.97	12.95			
100	QPSK	1	137	12.78	12.91	12.87			
100	QPSK	1	271	12.82	12.88	12.84	14.0	0.0	
100	QPSK	135	0	12.79	12.88	12.83			
100	QPSK	135	69	12.86	12.94	12.94			
100	QPSK	135	138	12.79	12.92	12.83	14.0	0.0	
100	QPSK	270	0	12.83	12.92	12.88			
100	16QAM	1	1	12.88	12.89	12.84	14.0	0.0	
100	64QAM	1	1	12.86	12.85	12.87	14.0	0.0	
100	256QAM	1	1	12.78	12.88	12.86	14.0	0.0	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99	14.0	0.0	
90	QPSK	1	1	12.81	12.91	12.84			
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660	14.0	0.0	
80	QPSK	1	1	12.83	12.85	12.82			
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98	14.0	0.0	
70	QPSK	1	1	12.79	12.85	12.87			
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99	14.0	0.0	
60	QPSK	1	1	12.83	12.90	12.86			
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675	14.0	0.0	
50	QPSK	1	1	12.86	12.94	12.90			
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3624.99	14.0	0.0	
40	QPSK	1	1	12.81	12.93	12.82			
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99	14.0	0.0	
30	QPSK	1	1	12.87	12.84	12.92			
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690	14.0	0.0	
20	QPSK	1	1	12.80	12.83	12.88			

Part270 n77 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	20.54	20.64	20.57		
100	1/2 BPSK	1	137	20.53	20.52	20.57	22.5	0.0
100	1/2 BPSK	1	271	20.57	20.58	20.52		
100	1/2 BPSK	135	0	20.16	20.19	20.16	22.0	0.5
100	1/2 BPSK	135	69	20.54	20.61	20.54	22.5	0.0
100	1/2 BPSK	135	138	20.18	20.24	20.20		
100	1/2 BPSK	270	0	20.20	20.24	20.17		
100	QPSK	1	1	21.11	21.17	21.05		
100	QPSK	1	137	21.02	21.03	20.92	22.5	0.0
100	QPSK	1	271	21.05	21.10	20.91		
100	QPSK	135	0	20.14	20.23	20.05	21.5	1.0
100	QPSK	135	69	20.62	20.77	20.70	22.5	0.0
100	QPSK	135	138	20.15	20.17	20.05		
100	QPSK	270	0	19.66	19.76	19.66	21.5	1.0
100	16QAM	1	1	19.53	19.56	19.57	21.5	1.0
100	64QAM	1	1	18.10	18.02	18.12	20.0	2.5
100	256QAM	1	1	16.14	16.27	16.21	18.0	4.5
Channel				649668	656000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.03	21.14	20.92	22.5	0.0
Channel				649334	656000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.02	21.05	20.96	22.5	0.0
Channel				649000	656000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.07	21.09	20.92	22.5	0.0
Channel				648668	656000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.06	21.05	20.96	22.5	0.0
Channel				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.03	21.04	20.92	22.5	0.0
Channel				648000	656000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.97	21.07	20.98	22.5	0.0
Channel				647668	656000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.97	21.08	20.97	22.5	0.0
Channel				647500	656000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.07	21.12	20.97	22.5	0.0
Channel				647334	656000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.09	21.09	20.95	22.5	0.0
Channel				647168	656000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.00	21.04	20.96	22.5	0.0
Channel				647000	656000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.99	21.09	20.98	22.5	0.0

Part27Q n77 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		21.92			
100	1/2 BPSK	1	137		21.86		22.5	0.0
100	1/2 BPSK	1	271		21.87			
100	1/2 BPSK	135	0		21.49		22.0	0.5
100	1/2 BPSK	135	69		21.87		22.5	0.0
100	1/2 BPSK	135	138		21.47			
100	1/2 BPSK	270	0		21.40		22.0	0.5
100	QPSK	1	1		21.95			
100	QPSK	1	137		21.90		22.5	0.0
100	QPSK	1	271		21.91			
100	QPSK	135	0		20.95		21.5	1.0
100	QPSK	135	69		21.78		22.5	0.0
100	QPSK	135	138		20.95			
100	QPSK	270	0		21.05		21.5	1.0
100	16QAM	1	1		20.88		21.5	1.0
100	64QAM	1	1		19.35		20.0	2.5
100	256QAM	1	1		17.68		18.0	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.74	21.83	21.83	22.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.74	21.82	21.78	22.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.82	21.92	21.85	22.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.80	21.85	21.88	22.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.81	21.91	21.81	22.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.75	21.91	21.80	22.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.75	21.88	21.82	22.5	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.70	21.91	21.77	22.5	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.75	21.86	21.77	22.5	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.75	21.84	21.83	22.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.80	21.90	21.87	22.5	0.0

Part270 n78 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		21.30			
100	1/2 BPSK	1	137		21.15		22.5	0.0
100	1/2 BPSK	1	271		21.23			
100	1/2 BPSK	135	0		20.78		22.0	0.5
100	1/2 BPSK	135	69		21.21		22.5	0.0
100	1/2 BPSK	135	138		20.79			
100	1/2 BPSK	270	0		20.78		22.0	0.5
100	QPSK	1	1		21.32			
100	QPSK	1	137		21.25		22.5	0.0
100	QPSK	1	271		21.29			
100	QPSK	135	0		20.35		21.5	1.0
100	QPSK	135	69		21.18		22.5	0.0
100	QPSK	135	138		20.34			
100	QPSK	270	0		20.12		21.5	1.0
100	16QAM	1	1		20.27		21.5	1.0
100	64QAM	1	1		18.64		20.0	2.5
100	256QAM	1	1		16.99		18.0	4.5
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.17	21.22	21.23	22.5	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.24	21.27	21.27	22.5	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.28	21.27	21.21	22.5	0.0
Channel				648668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.27	21.28	21.26	22.5	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647500	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647168	650000	652834		
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.29	21.27	21.24	22.5	0.0

Part27Q n78 Default Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI/2 BPSK	1	1	21.96			22.5	0.0	
100	PI/2 BPSK	1	137	21.82					
100	PI/2 BPSK	1	271	21.91			22.5	0.5	
100	PI/2 BPSK	135	0	21.47					
100	PI/2 BPSK	135	69	21.83			22.0	0.5	
100	PI/2 BPSK	135	138	21.51					
100	PI/2 BPSK	270	0	21.52			22.5	0.0	
100	QPSK	1	1	21.97					
100	QPSK	1	137	21.50			22.5	0.0	
100	QPSK	1	271	21.42					
100	QPSK	135	0	20.94			21.5	1.0	
100	QPSK	135	69	21.91					
100	QPSK	135	138	21.04			21.5	1.0	
100	QPSK	270	0	21.11					
100	16QAM	1	1	20.92			21.5	1.0	
100	64QAM	1	1	19.37					
100	256QAM	1	1	17.43			18.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02	22.5	MPR (dB)	
90	QPSK	1	1	21.83	21.88	21.86			
Channel				632668	633334	634000	3590.02	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	21.79	21.91	21.80	22.5	MPR (dB)	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01	22.5	MPR (dB)	
70	QPSK	1	1	21.79	21.87	21.81			
Channel				632000	633334	634668	3580.02	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	21.84	21.83	21.76	22.5	MPR (dB)	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	22.5	MPR (dB)	
50	QPSK	1	1	21.76	21.84	21.76			
Channel				631334	633334	635334	3470.01	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	21.73	21.84	21.83	22.5	MPR (dB)	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	22.5	MPR (dB)	
30	QPSK	1	1	21.82	21.83	21.83			
Channel				630834	633334	635834	3462.51	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	21.73	21.89	21.76	22.5	MPR (dB)	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	22.5	0.0	
20	QPSK	1	1	21.74	21.90	21.79			
Channel				630500	633334	636168	21.5	0.0	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	21.79	21.85	21.87	22.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01	22.5	MPR (dB)	
10	QPSK	1	1	21.83	21.92	21.79			

Part96 n77&78 PC3 Default Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	3600	3624.99	
Frequency (MHz)									
100	PI/2 BPSK	1	1	12.88	12.99	12.80	14.0	0.0	
100	PI/2 BPSK	1	137	12.81	12.92	12.82			
100	PI/2 BPSK	1	271	12.85	12.88	12.87	14.0	0.0	
100	PI/2 BPSK	135	0	12.86	12.92	12.84			
100	PI/2 BPSK	135	69	12.91	12.96	12.89	14.0	0.0	
100	PI/2 BPSK	135	138	12.82	12.96	12.85			
100	PI/2 BPSK	270	0	12.87	12.96	12.83	14.0	0.0	
100	QPSK	1	1	12.95	13.02	12.93			
100	QPSK	1	137	12.81	12.97	12.86	14.0	0.0	
100	QPSK	1	271	12.89	12.89	12.81			
100	QPSK	135	0	12.83	12.88	12.80	14.0	0.0	
100	QPSK	135	69	12.85	12.96	12.87			
100	QPSK	135	138	12.88	12.89	12.83	14.0	0.0	
100	QPSK	270	0	12.84	12.92	12.90			
100	16QAM	1	1	12.82	12.99	12.85	14.0	0.0	
100	64QAM	1	1	12.82	12.89	12.89			
100	256QAM	1	1	12.87	12.94	12.84	3695.02	0.0	
Channel				639668	641666	643666			
Frequency (MHz)				3595.02	3624.99	3654.99	12.90	12.95	
90	QPSK	1	1	12.90	12.95	12.82			
Channel				639334	641666	644000	3590.01	3624.99	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	12.91	12.96	12.82	14.0	0.0	
Channel				639000	641666	644332			
Frequency (MHz)				3585	3624.99	3664.98	12.91	12.92	
70	QPSK	1	1	12.91	12.92	12.83			
Channel				638668	641666	644666	3580.02	3624.99	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	12.86	12.90	12.84	14.0	0.0	
Channel				638334	641666	645000			
Frequency (MHz)				3575.01	3624.99	3675	12.88	12.96	
50	QPSK	1	1	12.88	12.96	12.79			
Channel				638000	641666	645332	3570	3624.99	
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	12.83	12.94	12.89	14.0	0.0	
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99	12.89	12.92	
30	QPSK	1	1	12.89	12.92	12.79			
Channel				637334	641666	646000	12.81	12.90	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	12.81	12.90	12.84	14.0	0.0	

Part270 n77 Default Ant 4

BW [MHz]	Modulation	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	1/2 BPSK	1	1	24.13	24.21	24.07		
100	1/2 BPSK	1	137	24.25	24.35	24.16	25.5	0.0
100	1/2 BPSK	1	271	24.21	24.37	24.21		
100	1/2 BPSK	135	0	23.91	24.06	23.82	25.0	0.5
100	1/2 BPSK	135	69	24.20	24.29	24.20	25.5	0.0
100	1/2 BPSK	135	138	23.85	24.04	23.83	25.0	0.5
100	1/2 BPSK	270	0	23.94	24.02	23.91		
100	QPSK	1	1	24.41	24.45	24.31		
100	QPSK	1	137	24.29	24.36	24.18	25.5	0.0
100	QPSK	1	271	24.30	24.39	24.17		
100	QPSK	135	0	23.36	23.51	23.30	24.5	1.0
100	QPSK	135	69	24.31	24.38	24.32	25.5	0.0
100	QPSK	135	138	23.44	23.50	23.34	24.5	1.0
100	QPSK	270	0	23.14	23.29	23.18		
100	16QAM	1	1	23.15	23.26	23.16	24.5	1.0
100	64QAM	1	1	21.45	21.55	21.41	23.0	2.5
100	256QAM	1	1	19.61	19.68	19.62	21.0	4.5
Channel				649668	650000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.33	24.32	24.23	25.5	0.0
Channel				649334	650000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.30	24.36	24.21	25.5	0.0
Channel				649000	650000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.30	24.42	24.19	25.5	0.0
Channel				648668	650000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.27	24.37	24.23	25.5	0.0
Channel				648334	650000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.29	24.40	24.19	25.5	0.0
Channel				648000	650000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.32	24.33	24.25	25.5	0.0
Channel				647668	650000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.29	24.31	24.20	25.5	0.0
Channel				647334	650000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.26	24.40	24.20	25.5	0.0
Channel				647334	650000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.33	24.42	24.18	25.5	0.0
Channel				647168	650000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.35	24.38	24.27	25.5	0.0
Channel				647000	650000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.36	24.32	24.26	25.5	0.0

Part27Q n77 Default Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		24.17			
100	1/2 BPSK	1	137		24.13		25.5	0.0
100	1/2 BPSK	1	271		24.04			
100	1/2 BPSK	135	0		23.84		25.0	0.5
100	1/2 BPSK	135	69		24.06		25.5	0.0
100	1/2 BPSK	135	138		23.72		25.0	0.5
100	1/2 BPSK	270	0		23.73			
100	QPSK	1	1		24.48			
100	QPSK	1	137		24.41		25.5	0.0
100	QPSK	1	271		24.41			
100	QPSK	135	0		23.48		24.5	1.0
100	QPSK	135	69		24.35		25.5	0.0
100	QPSK	135	138		23.44		24.5	1.0
100	QPSK	270	0		23.36			
100	16QAM	1	1		23.18		24.5	1.0
100	64QAM	1	1		21.63		23.0	2.5
100	256QAM	1	1		19.96		21.0	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.33	24.37	24.28	25.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.33	24.41	24.26	25.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.30	24.44	24.25	25.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.27	24.43	24.29	25.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.34	24.36	24.30	25.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.24	24.44	24.24	25.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.27	24.36	24.32	25.5	0.0
Channel				630668	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.25	24.38	24.30	25.5	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.27	24.36	24.24	25.5	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.30	24.41	24.22	25.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.33	24.43	24.24	25.5	0.0

Part270 n78 Default Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	1/2 BPSK	1	1		24.17		25.5	0.0
100	1/2 BPSK	1	137		24.21			
100	1/2 BPSK	1	271		24.17			
100	1/2 BPSK	135	0		23.72		25.0	0.5
100	1/2 BPSK	135	69		24.12		25.5	0.0
100	1/2 BPSK	135	138		23.86		25.0	0.5
100	1/2 BPSK	270	0		23.87			
100	QPSK	1	1		24.57			
100	QPSK	1	137		24.56		25.5	0.0
100	QPSK	1	271		24.55			
100	QPSK	135	0		23.56		24.5	1.0
100	QPSK	135	69		24.53		25.5	0.0
100	QPSK	135	138		23.58		24.5	1.0
100	QPSK	270	0		23.45			
100	16QAM	1	1		23.43		24.5	1.0
100	64QAM	1	1		21.71		23.0	2.5
100	256QAM	1	1		20.03		21.0	4.5
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.40	24.52	24.33	25.5	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.44	24.47	24.35	25.5	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.44	24.47	24.38	25.5	0.0
Channel				648668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.37	24.50	24.32	25.5	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.39	24.50	24.40	25.5	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.39	24.53	24.38	25.5	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.37	24.52	24.34	25.5	0.0
Channel				647334	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.45	24.53	24.34	25.5	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.38	24.51	24.36	25.5	0.0
Channel				647168	650000	652834		
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.47	24.47	24.34	25.5	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.42	24.52	24.34	25.5	0.0

Part27Q n78 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		24.08				
100	PI/2 BPSK	1	137		24.26		25.5	0.0	
100	PI/2 BPSK	1	271		24.17				
100	PI/2 BPSK	135	0		23.72		25.0	0.5	
100	PI/2 BPSK	135	69		24.22		25.5	0.0	
100	PI/2 BPSK	135	138		23.81		25.0	0.5	
100	PI/2 BPSK	270	0		23.80				
100	QPSK	1	1		24.42				
100	QPSK	1	137		24.40		25.5	0.0	
100	QPSK	1	271		24.41				
100	QPSK	135	0		23.54		24.5	1.0	
100	QPSK	135	69		24.22		25.5	0.0	
100	QPSK	135	138		23.56		24.5	1.0	
100	QPSK	270	0		23.33				
100	16QAM	1	1		23.06		24.5	1.0	
100	64QAM	1	1		23.0		23.0	2.5	
100	256QAM	1	1		19.73		21.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	24.38	24.28	24.36	25.5	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	24.33	24.34	24.30	25.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	24.33	24.35	24.28	25.5	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	24.37	24.35	24.28	25.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	24.33	24.34	24.31	25.5	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	24.34	24.28	24.28	25.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	24.28	24.38	24.34	25.5	0.0	
Channel				630334	633334	635934			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	24.39	24.35	24.36	25.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	24.38	24.36	24.27	25.5	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	24.30	24.27	24.29	25.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	24.33	24.33	24.35	25.5	0.0	

Part96 n77&78 PC3 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000		641666	643332		
Frequency (MHz)				3600		3624.99	3649.98		
100	PI/2 BPSK	1	1		12.77	12.88	12.88		
100	PI/2 BPSK	1	137		12.83	12.88	12.78	14.0	
100	PI/2 BPSK	1	271		12.85	12.87	12.83		
100	PI/2 BPSK	135	0		12.87	12.91	12.78	14.0	
100	PI/2 BPSK	135	69		12.82	12.87	12.81	14.0	
100	PI/2 BPSK	135	138		12.84	12.86	12.78	14.0	
100	PI/2 BPSK	270	0		12.75	12.88	12.85		
100	QPSK	1	1		12.89	12.95	12.91		
100	QPSK	1	137		12.81	12.82	12.79	14.0	
100	QPSK	1	271		12.83	12.82	12.80		
100	QPSK	135	0		12.81	12.92	12.80	14.0	
100	QPSK	135	69		12.85	12.93	12.79	14.0	
100	QPSK	135	138		12.81	12.84	12.87	14.0	
100	QPSK	270	0		12.75	12.90	12.81		
100	16QAM	1	1		12.87	12.92	12.79	14.0	
100	64QAM	1	1		12.85	12.83	12.87	14.0	
100	256QAM	1	1		12.81	12.91	12.89	14.0	
Channel				639668	641666	643666			
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	12.86	12.90	12.85	14.0	0.0	
Channel				639334	641666	644000			
Frequency (MHz)				3590.01	3624.99	3650			
80	QPSK	1	1	12.85	12.82	12.86	14.0	0.0	
Channel				639000	641666	644332			
Frequency (MHz)				3585	3624.99	3654.98			
70	QPSK	1	1	12.83	12.82	12.79	14.0	0.0	
Channel				638668	641666	644666			
Frequency (MHz)				3580.02	3624.99	3659.99			
60	QPSK	1	1	12.86	12.92	12.83	14.0	0.0	
Channel				638334	641666	645000			
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	12.85	12.89	12.78	14.0	0.0	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	12.86	12.91	12.82	14.0	0.0	
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3654.99			
30	QPSK	1	1	12.75	12.89	12.78	14.0	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3660			
20	QPSK	1	1	12.79	12.84	12.80	14.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	21.53	21.59	21.35		
100	1/2 BPSK	1	137	21.38	21.48	21.18	23.0	0.0
100	1/2 BPSK	1	271	21.41	21.49	21.24		
100	1/2 BPSK	135	0	20.97	21.10	20.78	22.5	0.5
100	1/2 BPSK	135	69	21.40	21.49	21.20	23.0	0.0
100	1/2 BPSK	135	138	20.94	21.09	20.76		
100	1/2 BPSK	270	0	21.04	21.07	20.73	22.5	0.5
100	QPSK	1	1	22.04	22.10	21.85		
100	QPSK	1	137	21.86	21.99	21.65	23.0	0.0
100	QPSK	1	271	21.94	22.06	21.73		
100	QPSK	135	0	21.00	21.09	20.85	22.0	1.0
100	QPSK	135	69	21.74	21.85	21.52	23.0	0.0
100	QPSK	135	138	21.01	21.07	20.83		
100	QPSK	270	0	20.63	20.69	20.36	22.0	1.0
100	16QAM	1	1	20.44	20.49	20.21	22.0	1.0
100	64QAM	1	1	18.76	18.88	18.56	20.5	2.5
100	256QAM	1	1	17.11	17.17	16.83	18.5	4.5
Channel				649668	650000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.99	22.03	21.77	23.0	0.0
Channel				649334	650000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.97	21.98	21.75	23.0	0.0
Channel				649000	650000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.95	21.99	21.73	23.0	0.0
Channel				648668	650000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.00	22.03	21.76	23.0	0.0
Channel				648334	650000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.94	21.96	21.76	23.0	0.0
Channel				648000	650000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.92	21.96	21.78	23.0	0.0
Channel				647668	650000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.92	22.02	21.71	23.0	0.0
Channel				647500	650000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.89	22.01	21.74	23.0	0.0
Channel				647334	650000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.01	21.96	21.73	23.0	0.0
Channel				647168	650000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.94	22.04	21.76	23.0	0.0
Channel				647000	650000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.90	22.00	21.78	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		22.54			
100	1/2 BPSK	1	137		22.44		23.0	0.0
100	1/2 BPSK	1	271		22.45			
100	1/2 BPSK	135	0		22.08		22.5	0.5
100	1/2 BPSK	135	69		22.50		23.0	0.0
100	1/2 BPSK	135	138		22.05			
100	1/2 BPSK	270	0		22.06		22.5	0.5
100	QPSK	1	1		22.57			
100	QPSK	1	137		22.47		23.0	0.0
100	QPSK	1	271		22.50			
100	QPSK	135	0		21.62		22.0	1.0
100	QPSK	135	69		22.45		23.0	0.0
100	QPSK	135	138		21.60			
100	QPSK	270	0		21.66		22.0	1.0
100	16QAM	1	1		21.68		22.0	1.0
100	64QAM	1	1		19.83		20.5	2.5
100	256QAM	1	1		18.14		18.5	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.39	22.52	22.35	23.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.32	22.46	22.35	23.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.30	22.44	22.35	23.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.39	22.54	22.43	23.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.40	22.52	22.38	23.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.36	22.43	22.42	23.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.38	22.46	22.41	23.0	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.39	22.44	22.34	23.0	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.31	22.53	22.43	23.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.39	22.42	22.42	23.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.40	22.49	22.38	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	1/2 BPSK	1	1		22.17			
100	1/2 BPSK	1	137		22.08		23.0	0.0
100	1/2 BPSK	1	271		22.02			
100	1/2 BPSK	135	0		21.67		22.5	0.5
100	1/2 BPSK	135	69		22.12		23.0	0.0
100	1/2 BPSK	135	138		21.63			
100	1/2 BPSK	270	0		21.71		22.5	0.5
100	QPSK	1	1		22.21			
100	QPSK	1	137		22.06		23.0	0.0
100	QPSK	1	271		22.12			
100	QPSK	135	0		21.23		22.0	1.0
100	QPSK	135	69		21.06		23.0	0.0
100	QPSK	135	138		21.17			
100	QPSK	270	0		20.87		22.0	1.0
100	16QAM	1	1		20.79		22.0	1.0
100	64QAM	1	1		19.56		20.5	2.5
100	256QAM	1	1		17.75		18.5	4.5
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.17	22.08	22.16	23.0	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.11	22.11	22.06	23.0	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.17	22.16	22.09	23.0	0.0
Channel				648668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.17	22.13	22.17	23.0	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.10	22.10	22.08	23.0	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.16	22.18	22.11	23.0	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.08	22.13	22.17	23.0	0.0
Channel				647500	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.07	22.07	22.10	23.0	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.14	22.08	22.11	23.0	0.0
Channel				647168	650000	652834		
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.14	22.14	22.06	23.0	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.14	22.08	22.07	23.0	0.0

Part27Q n78 Default Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1	22.46			23.0	0.0	
100	PI/2 BPSK	1	137	22.31					
100	PI/2 BPSK	1	271	22.40			22.5	0.5	
100	PI/2 BPSK	135	0	21.95					
100	PI/2 BPSK	135	69	22.32			22.5	0.5	
100	PI/2 BPSK	135	138	22.02					
100	PI/2 BPSK	270	0	21.98			23.0	0.0	
100	QPSK	1	1	22.65					
100	QPSK	1	137	22.58			22.0	1.0	
100	QPSK	1	271	22.57					
100	QPSK	135	0	21.63			23.0	0.0	
100	QPSK	135	69	22.48					
100	QPSK	135	138	21.61			22.0	1.0	
100	QPSK	270	0	21.52					
100	16QAM	1	1	21.41			20.5	2.5	
100	64QAM	1	1	19.58					
100	256QAM	1	1	18.03			18.5	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02	23.0	MPR (dB)	
90	QPSK	1	1	22.45	22.56	22.53			
Channel				632668	633334	634000	3510	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	22.44	22.58	22.44	3515.01	MPR (dB)	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01	3520.02	MPR (dB)	
70	QPSK	1	1	22.45	22.61	22.49			
Channel				632000	633334	634668	3520.02	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	22.46	22.54	22.49	3525.01	23.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525.01	3530.01	MPR (dB)	
50	QPSK	1	1	22.47	22.57	22.49			
Channel				631334	633334	635334	3535.02	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3535.01			
40	QPSK	1	1	22.39	22.54	22.44	23.0	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	3537.51	MPR (dB)	
30	QPSK	1	1	22.45	22.55	22.47			
Channel				630834	633334	635834	3540	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	22.44	22.53	22.50	23.0	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	3542.52	MPR (dB)	
20	QPSK	1	1	22.38	22.57	22.51			
Channel				630500	633334	636168	3545.01	23.0	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	22.41	22.58	22.52	23.0	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01	22.47	23.0	
10	QPSK	1	1	22.42	22.60	22.47			

Part96 n77&78 PC3 Default Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	3600	3624.99	
Frequency (MHz)				641666					
100	PI/2 BPSK	1	1	12.77	12.90	12.82	14.0	0.0	
100	PI/2 BPSK	1	137	12.84	12.79	12.80			
100	PI/2 BPSK	1	271	12.83	12.85	12.78	14.0	0.0	
100	PI/2 BPSK	135	0	12.77	12.81	12.79			
100	PI/2 BPSK	135	69	12.84	12.79	12.79	14.0	0.0	
100	PI/2 BPSK	135	138	12.82	12.86	12.75			
100	PI/2 BPSK	270	0	12.78	12.81	12.78	14.0	0.0	
100	QPSK	1	1	12.88	12.93	12.86			
100	QPSK	1	137	12.80	12.81	12.79	14.0	0.0	
100	QPSK	1	271	12.79	12.89	12.75			
100	QPSK	135	0	12.84	12.87	12.73	14.0	0.0	
100	QPSK	135	69	12.84	12.88	12.81			
100	QPSK	135	138	12.82	12.86	12.76	14.0	0.0	
100	QPSK	270	0	12.77	12.80	12.76			
100	16QAM	1	1	12.78	12.84	12.78	14.0	0.0	
100	64QAM	1	1	12.75	12.80	12.76			
100	256QAM	1	1	12.76	12.88	12.79	3650.01	3624.99	
Channel				639668	641666	643666			
Frequency (MHz)				3595.02	3624.99	3654.99	3660	3660	
90	QPSK	1	1	12.79	12.82	12.76			
Channel				639334	641666	644000	3670	3670	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	12.82	12.86	12.82	3675.01	3675	
Channel				639000	641666	644332			
Frequency (MHz)				3585	3624.99	3664.98	3680.02	3624.99	
70	QPSK	1	1	12.85	12.81	12.77			
Channel				638668	641666	644666	3685.01	3685	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	12.84	12.88	12.76	3690.01	3690	
Channel				638334	641666	645000			
Frequency (MHz)				3575.01	3624.99	3675	3695.01	3695	
50	QPSK	1	1	12.79	12.86	12.83			
Channel				638000	641666	645332	3695.01	3695	
Frequency (MHz)				3570	3624.99	3670			
40	QPSK	1	1	12.84	12.82	12.80	3695.01	3695	
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99	3695.01	3695	
30	QPSK	1	1	12.84	12.84	12.83			
Channel				637334	641666	646000	3695.01	3695	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	12.84	12.82	12.82	3695.01	3695	
Channel				637000	641666	646332			
Frequency (MHz)				3555.01	3624.99	3685			

Full&Default Power Mode for Head

n5 Default Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	23.67	23.75	23.67			
20	1/2 BPSK	1	53	23.71	23.72	23.63	24.5	0.0	
20	1/2 BPSK	1	104	23.72	23.78	23.59			
20	1/2 BPSK	50	0	23.35	23.33	23.21	24.0	0.5	
20	1/2 BPSK	50	28	23.75	23.72	23.64	24.5	0.0	
20	1/2 BPSK	50	56	23.26	23.35	23.27			
20	1/2 BPSK	100	0	23.27	23.36	23.27	24.0	0.5	
20	QPSK	1	1	23.79	23.84	23.71			
20	QPSK	1	53	23.68	23.71	23.59	24.5	0.0	
20	QPSK	1	104	23.72	23.80	23.63			
20	QPSK	50	0	22.86	22.88	22.76	23.5	1.0	
20	QPSK	50	28	23.72	23.78	23.65	24.5	0.0	
20	QPSK	50	56	22.75	22.81	22.70			
20	QPSK	100	0	22.72	22.75	22.74	23.5	1.0	
20	16QAM	1	1	22.76	22.85	22.72	23.5	1.0	
20	64QAM	1	1	20.97	21.04	20.90	22.0	2.5	
20	256QAM	1	1	19.46	19.58	19.46	20.0	4.5	
Channel				166300	167300	168300	tune-up limit	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.71	23.78	23.57	24.5	0.0	
Channel				165800	167300	168800	tune-up limit	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.70	23.70	23.57	24.5	0.0	
Channel				165300	167300	169300	tune-up limit	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.65	23.77	23.62	24.5	0.0	

n71 Default Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	1/2 BPSK	1	1	23.69	23.76	23.75			
20	1/2 BPSK	1	53	23.63	23.62	23.65	24.5	0.0	
20	1/2 BPSK	1	104	23.56	23.63	23.65			
20	1/2 BPSK	50	0	23.20	23.24	23.29	24.0	0.5	
20	1/2 BPSK	50	28	23.56	23.68	23.60	24.5	0.0	
20	1/2 BPSK	50	56	23.21	23.22	23.28			
20	1/2 BPSK	100	0	23.24	23.29	23.23	24.0	0.5	
20	QPSK	1	1	23.71	23.80	23.73			
20	QPSK	1	53	23.57	23.70	23.67	24.5	0.0	
20	QPSK	1	104	23.61	23.73	23.62			
20	QPSK	50	0	22.70	22.78	22.77	23.5	1.0	
20	QPSK	50	28	23.51	23.62	23.49	24.5	0.0	
20	QPSK	50	56	22.53	22.53	22.41			
20	QPSK	100	0	22.56	22.65	22.55	23.5	1.0	
20	16QAM	1	1	22.82	22.86	22.75	23.5	1.0	
20	64QAM	1	1	20.77	20.82	20.68	22.0	2.5	
20	256QAM	1	1	19.13	19.25	19.21	20.0	4.5	
Channel				134100	136100	138100	tune-up limit	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	23.72	23.76	23.57	24.5	0.0	
Channel				133600	136100	138600	tune-up limit	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.69	23.77	23.62	24.5	0.0	
Channel				133100	136100	139100	tune-up limit	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.72	23.78	23.63	24.5	0.0	

n41 Default Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	22.68	22.64	22.50		
100	1/2 BPSK	1	137	22.69	22.60	22.52	24.0	0.0
100	1/2 BPSK	1	271	22.65	22.61	22.59		
100	1/2 BPSK	135	0	22.24	22.20	22.19	23.5	0.5
100	1/2 BPSK	135	69	22.60	22.67	22.55	24.0	0.0
100	1/2 BPSK	135	138	22.19	22.21	22.09	23.5	0.5
100	1/2 BPSK	270	0	22.27	22.28	22.13		
100	QPSK	1	1	22.73	22.75	22.65		
100	QPSK	1	137	22.66	22.63	22.51	24.0	0.0
100	QPSK	1	271	22.65	22.60	22.49		
100	QPSK	135	0	21.72	21.77	21.63	23.0	1.0
100	QPSK	135	69	22.67	22.71	22.54	24.0	0.0
100	QPSK	135	138	21.68	21.76	21.70		
100	QPSK	270	0	21.71	21.73	21.62	23.0	1.0
100	16QAM	1	1	21.77	21.77	21.64	23.0	1.0
100	64QAM	1	1	20.18	20.27	20.11	21.5	2.5
100	256QAM	1	1	18.23	18.29	18.13	19.5	4.5
Channel				508200	518598	528996	tune up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.60	22.70	22.58	24.0	0.0
Channel				507204	518598	529998	tune up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.65	22.67	22.56	24.0	0.0
Channel				506202	518598	531000	tune up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.59	22.60	22.53	24.0	0.0
Channel				505200	518598	531996	tune up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.57	22.62	22.50	24.0	0.0
Channel				504204	518598	532998	tune up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.66	22.66	22.56	24.0	0.0
Channel				503202	518598	534000	tune up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.63	22.68	22.60	24.0	0.0
Channel				502200	518598	534996	tune up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.69	22.64	22.56	24.0	0.0
Channel				501204	518598	535998	tune up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.59	22.68	22.55	24.0	0.0
Channel				500100	518598	536996	tune up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.67	22.70	22.50	24.0	0.0
Channel				500202	518598	537000	tune up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.69	22.66	22.58	24.0	0.0

n2 Default Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	1/2 BPSK	1	1	23.24	23.38	23.35		24.5	
20	1/2 BPSK	1	53	23.24	23.43	23.30			
20	1/2 BPSK	1	104	23.26	23.42	23.30			
20	1/2 BPSK	50	0	23.01	23.09	23.05	24.0	0.5	
20	1/2 BPSK	50	28	23.31	23.43	23.48	24.5	0.0	
20	1/2 BPSK	50	56	22.89	23.08	23.11	24.0	0.5	
20	1/2 BPSK	100	0	22.96	23.05	23.04			
20	QPSK	1	1	23.58	23.59	23.47			
20	QPSK	1	53	23.44	23.47	23.44	24.5	0.0	
20	QPSK	1	104	23.52	23.46	23.35			
20	QPSK	50	0	22.64	22.63	22.46	23.5	1.0	
20	QPSK	50	28	23.30	23.39	23.29	24.5	0.0	
20	QPSK	50	56	22.54	22.55	22.53	23.5	1.0	
20	QPSK	100	0	22.47	22.57	22.25			
20	16QAM	1	1	22.08	22.18	22.12	23.5	1.0	
20	64QAM	1	1	20.59	20.72	20.63	22.0	2.5	
20	256QAM	1	1	19.04	19.17	19.05	20.0	4.5	
Channel				371500	376000	380500	tune up limit	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	23.49	23.47	23.32	24.5	0.0	
Channel				371000	376000	381000	tune up limit	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	23.43	23.51	23.36	24.5	0.0	
Channel				370500	376000	381500	tune up limit	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	23.45	23.53	23.33	24.5	0.0	

n66 Default Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	1/2 BPSK	1	1	23.54	23.58	23.51			
40	1/2 BPSK	1	108	23.50	23.51	23.47	24.5	0.0	
40	1/2 BPSK	1	214	23.47	23.53	23.39			
40	1/2 BPSK	108	0	23.07	23.08	23.03	24.0	0.5	
40	1/2 BPSK	108	54	23.51	23.49	23.38	24.5	0.0	
40	1/2 BPSK	108	108	23.07	23.05	23.06	24.0	0.5	
40	1/2 BPSK	216	0	23.02	23.15	22.97			
40	QPSK	1	1	23.72	23.76	23.75			
40	QPSK	1	108	23.61	23.68	23.70	24.5	0.0	
40	QPSK	1	214	23.68	23.86	23.71			
40	QPSK	108	0	22.70	22.79	22.77	23.5	1.0	
40	QPSK	108	54	23.59	23.65	23.60	24.5	0.0	
40	QPSK	108	108	22.75	22.82	22.80	23.5	1.0	
40	QPSK	216	0	22.62	22.68	22.61			
40	16QAM	1	1	21.91	22.04	21.93	23.5	1.0	
40	64QAM	1	1	20.54	20.67	20.57	22.0	2.5	
40	256QAM	1	1	19.42	19.54	19.50	20.0	4.5	
Channel				345000	349000	353000	tune up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.65	23.72	23.67	24.5	0.0	
Channel				344500	349000	353500	tune up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	23.62	23.69	23.67	24.5	0.0	
Channel				344000	349000	354000	tune up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.59	23.67	23.69	24.5	0.0	
Channel				343500	349000	354500	tune up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.58	23.70	23.65	24.5	0.0	
Channel				343000	349000	355000	tune up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.66	23.64	23.62	24.5	0.0	
Channel				342500	349000	355500	tune up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.58	23.72	23.61	24.5	0.0	

Part270 n77 Default Ant 2

BW [MHz]	Modulation	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	1/2 BPSK	1	1	20.96	21.07	21.00		
100	1/2 BPSK	1	137	20.91	20.99	20.98	22.0	0.0
100	1/2 BPSK	1	271	20.94	21.06	21.04		
100	1/2 BPSK	135	0	21.15	21.28	21.12	22.0	0.0
100	1/2 BPSK	135	69	20.86	21.05	21.02	22.0	0.0
100	1/2 BPSK	135	138	21.21	21.30	21.19	22.0	0.0
100	1/2 BPSK	270	0	20.50	20.64	20.56		
100	QPSK	1	1	21.14	21.33	21.13		
100	QPSK	1	137	21.01	21.19	21.10	22.0	0.0
100	QPSK	1	271	20.97	21.14	21.21		
100	QPSK	135	0	21.15	21.22	21.12	22.0	0.0
100	QPSK	135	69	21.25	21.29	21.16	22.0	0.0
100	QPSK	135	138	21.18	21.28	21.15		
100	QPSK	270	0	21.18	21.26	21.11	22.0	0.0
100	16QAM	1	1	21.19	21.23	21.18	22.0	0.0
100	64QAM	1	1	21.20	21.20	21.16	22.0	0.0
100	256QAM	1	1	21.13	21.29	21.11	22.0	0.0
Channel				649668	650000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.04	21.22	21.09	22.0	0.0
Channel				649334	650000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.04	21.21	21.05	22.0	0.0
Channel				649000	650000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.98	21.15	21.15	22.0	0.0
Channel				648668	650000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.05	21.14	21.12	22.0	0.0
Channel				648334	650000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.01	21.11	21.12	22.0	0.0
Channel				648000	650000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.06	21.19	21.08	22.0	0.0
Channel				647668	650000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.06	21.22	21.14	22.0	0.0
Channel				647500	650000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.97	21.21	21.10	22.0	0.0
Channel				647334	650000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.06	21.13	21.14	22.0	0.0
Channel				647168	650000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.02	21.20	21.16	22.0	0.0
Channel				647000	650000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.02	21.21	21.12	22.0	0.0

Part27Q n77 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					3500.01			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		21.09			
100	1/2 BPSK	1	137		21.06		22.0	0.0
100	1/2 BPSK	1	271		20.95			
100	1/2 BPSK	135	0		21.14		22.0	0.0
100	1/2 BPSK	135	69		20.95		22.0	0.0
100	1/2 BPSK	135	138		21.20		22.0	0.0
100	1/2 BPSK	270	0		21.16			
100	QPSK	1	1		21.27			
100	QPSK	1	137		21.17		22.0	0.0
100	QPSK	1	271		21.22			
100	QPSK	135	0		21.19		22.0	0.0
100	QPSK	135	69		21.22		22.0	0.0
100	QPSK	135	138		21.13			
100	QPSK	270	0		21.17		22.0	0.0
100	16QAM	1	1		21.15		22.0	0.0
100	64QAM	1	1		21.12		22.0	0.0
100	256QAM	1	1		21.17		22.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.96	21.20	21.13	22.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.04	21.18	21.05	22.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.04	21.18	21.15	22.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.08	21.11	21.18	22.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.06	21.17	21.15	22.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.97	21.15	21.06	22.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.00	21.20	21.14	22.0	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.97	21.15	21.04	22.0	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.01	21.16	21.10	22.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.99	21.16	21.13	22.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.96	21.18	21.06	22.0	0.0

Part270 n78 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		21.09			
100	1/2 BPSK	1	137		20.94		22.0	0.0
100	1/2 BPSK	1	271		20.94			
100	1/2 BPSK	135	0		21.09		22.0	0.0
100	1/2 BPSK	135	69		20.98		22.0	0.0
100	1/2 BPSK	135	138		21.15		22.0	0.0
100	1/2 BPSK	270	0		21.14		22.0	0.0
100	QPSK	1	1		21.28			
100	QPSK	1	137		21.14		22.0	0.0
100	QPSK	1	271		21.07			
100	QPSK	135	0		21.17		22.0	0.0
100	QPSK	135	69		21.24		22.0	0.0
100	QPSK	135	138		21.15			
100	QPSK	270	0		21.21		22.0	0.0
100	16QAM	1	1		21.10		22.0	0.0
100	64QAM	1	1		21.12		22.0	0.0
100	256QAM	1	1		21.15		22.0	0.0
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.12	21.14	21.17	22.0	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.02	21.25	21.22	22.0	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.10	21.21	21.17	22.0	0.0
Channel				648668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.08	21.21	21.17	22.0	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.02	21.23	21.17	22.0	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.04	21.14	21.20	22.0	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.09	21.19	21.12	22.0	0.0
Channel				647500	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.12	21.18	21.20	22.0	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.04	21.15	21.15	22.0	0.0
Channel				647168	650000	652834		
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.04	21.20	21.13	22.0	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.01	21.20	21.19	22.0	0.0

Part27Q n78 Default Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI/2 BPSK	1	1	21.09			22.0	0.0	
100	PI/2 BPSK	1	137	21.03					
100	PI/2 BPSK	1	271	20.89			22.0	0.0	
100	PI/2 BPSK	135	0	21.10					
100	PI/2 BPSK	135	69	20.96			22.0	0.0	
100	PI/2 BPSK	135	138	21.10					
100	PI/2 BPSK	270	0	21.02			22.0	0.0	
100	QPSK	1	1	21.20					
100	QPSK	1	137	21.15			22.0	0.0	
100	QPSK	1	271	21.17					
100	QPSK	135	0	21.03			22.0	0.0	
100	QPSK	135	69	21.18					
100	QPSK	135	138	21.05			22.0	0.0	
100	QPSK	270	0	21.12					
100	16QAM	1	1	21.06			22.0	0.0	
100	64QAM	1	1	21.09					
100	256QAM	1	1	21.05			22.0	0.0	
Channel				633000	633334	633668		Tune-up limit (dBm) MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	21.08	21.19	21.11	22.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	21.13	21.15	21.15	22.0	0.0	
Channel				632334	633334	634334	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	21.05	21.14	21.15	22.0	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	21.08	21.19	21.15	22.0	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	21.08	21.16	21.10	22.0	0.0	
Channel				631334	633334	635334	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	21.08	21.11	21.15	22.0	0.0	
Channel				631000	633334	635668	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	21.13	21.18	21.16	22.0	0.0	
Channel				630834	633334	635834	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	21.10	21.16	21.14	22.0	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	21.04	21.05	21.14	22.0	0.0	
Channel				630500	633334	636168	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	21.07	21.18	21.06	22.0	0.0	
Channel				630334	633334	636334	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	21.06	21.16	21.15	22.0	0.0	

Part96 n77&78 PC3 Default Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	21.25	21.38	21.42	22.0	0.0	
100	PI/2 BPSK	1	137	21.19	21.30	21.39			
100	PI/2 BPSK	1	271	21.22	21.42	21.28	22.0	0.0	
100	PI/2 BPSK	135	0	21.48	21.57	21.54			
100	PI/2 BPSK	135	69	21.22	21.31	21.32	22.0	0.0	
100	PI/2 BPSK	135	138	21.47	21.55	21.47			
100	PI/2 BPSK	270	0	21.51	21.59	21.55	22.0	0.0	
100	QPSK	1	1	21.57	21.63	21.58			
100	QPSK	1	137	21.35	21.56	21.44	22.0	0.0	
100	QPSK	1	271	21.37	21.45	21.37			
100	QPSK	135	0	21.50	21.56	21.52	22.0	0.0	
100	QPSK	135	69	21.56	21.61	21.46			
100	QPSK	135	138	21.47	21.58	21.44	22.0	0.0	
100	QPSK	270	0	21.47	21.55	21.54			
100	16QAM	1	1	21.50	21.54	21.45	22.0	0.0	
100	64QAM	1	1	21.50	21.53	21.44			
100	256QAM	1	1	21.52	21.60	21.45	22.0	0.0	
Channel				639668	641666	643666		Tune-up limit (dBm) MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	21.35	21.57	21.49	22.0	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	21.29	21.56	21.48	22.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	21.31	21.55	21.50	22.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	21.34	21.47	21.44	22.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	21.27	21.47	21.51	22.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	21.34	21.55	21.48	22.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	21.32	21.56	21.53	22.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	21.28	21.48	21.47	22.0	0.0	

Part270 n77 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	20.54	20.64	20.57		
100	1/2 BPSK	1	137	20.53	20.52	20.57	22.5	0.0
100	1/2 BPSK	1	271	20.57	20.58	20.52		
100	1/2 BPSK	135	0	20.16	20.19	20.16	22.0	0.5
100	1/2 BPSK	135	69	20.54	20.61	20.54	22.5	0.0
100	1/2 BPSK	135	138	20.18	20.24	20.20		
100	1/2 BPSK	270	0	20.20	20.24	20.17		
100	QPSK	1	1	21.11	21.17	21.05		
100	QPSK	1	137	21.02	21.03	20.92	22.5	0.0
100	QPSK	1	271	21.05	21.10	20.91		
100	QPSK	135	0	20.14	20.23	20.05	21.5	1.0
100	QPSK	135	69	20.62	20.77	20.70	22.5	0.0
100	QPSK	135	138	20.15	20.17	20.05		
100	QPSK	270	0	19.66	19.76	19.66	21.5	1.0
100	16QAM	1	1	19.53	19.56	19.57	21.5	1.0
100	64QAM	1	1	18.10	18.02	18.12	20.0	2.5
100	256QAM	1	1	16.14	16.27	16.21	18.0	4.5
Channel				649668	656000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.03	21.14	20.92	22.5	0.0
Channel				649334	656000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.02	21.05	20.96	22.5	0.0
Channel				649000	656000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.07	21.09	20.92	22.5	0.0
Channel				648668	656000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.06	21.05	20.96	22.5	0.0
Channel				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.03	21.04	20.92	22.5	0.0
Channel				648000	656000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.97	21.07	20.98	22.5	0.0
Channel				647668	656000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.97	21.08	20.97	22.5	0.0
Channel				647500	656000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.07	21.12	20.97	22.5	0.0
Channel				647334	656000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.09	21.09	20.95	22.5	0.0
Channel				647168	656000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.00	21.04	20.96	22.5	0.0
Channel				647000	656000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.99	21.09	20.98	22.5	0.0

Part27Q n77 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		21.92			
100	1/2 BPSK	1	137		21.86		22.5	0.0
100	1/2 BPSK	1	271		21.87			
100	1/2 BPSK	135	0		21.49		22.0	0.5
100	1/2 BPSK	135	69		21.87		22.5	0.0
100	1/2 BPSK	135	138		21.47			
100	1/2 BPSK	270	0		21.40		22.0	0.5
100	QPSK	1	1		21.95			
100	QPSK	1	137		21.90		22.5	0.0
100	QPSK	1	271		21.91			
100	QPSK	135	0		20.95		21.5	1.0
100	QPSK	135	69		21.78		22.5	0.0
100	QPSK	135	138		20.95			
100	QPSK	270	0		21.05		21.5	1.0
100	16QAM	1	1		20.88		21.5	1.0
100	64QAM	1	1		19.35		20.0	2.5
100	256QAM	1	1		17.68		18.0	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.74	21.83	21.83	22.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.74	21.82	21.78	22.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.82	21.92	21.85	22.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.80	21.85	21.88	22.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.81	21.91	21.81	22.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.75	21.91	21.80	22.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.75	21.88	21.82	22.5	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.70	21.91	21.77	22.5	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.75	21.86	21.77	22.5	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.75	21.84	21.83	22.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.80	21.90	21.87	22.5	0.0

Part270 n78 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		21.30			
100	1/2 BPSK	1	137		21.15		22.5	0.0
100	1/2 BPSK	1	271		21.23			
100	1/2 BPSK	135	0		20.78		22.0	0.5
100	1/2 BPSK	135	69		21.21		22.5	0.0
100	1/2 BPSK	135	138		20.79			
100	1/2 BPSK	270	0		20.78		22.0	0.5
100	QPSK	1	1		21.32			
100	QPSK	1	137		21.25		22.5	0.0
100	QPSK	1	271		21.29			
100	QPSK	135	0		20.35		21.5	1.0
100	QPSK	135	69		21.18		22.5	0.0
100	QPSK	135	138		20.34			
100	QPSK	270	0		20.12		21.5	1.0
100	16QAM	1	1		20.27		21.5	1.0
100	64QAM	1	1		18.64		20.0	2.5
100	256QAM	1	1		16.99		18.0	4.5
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.17	21.22	21.23	22.5	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.24	21.27	21.27	22.5	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.28	21.27	21.21	22.5	0.0
Channel				648668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.27	21.28	21.26	22.5	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647500	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647168	650000	652834		
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.29	21.27	21.24	22.5	0.0

Part27Q n78 Default Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI/2 BPSK	1	1	21.96			22.5	0.0	
100	PI/2 BPSK	1	137	21.82					
100	PI/2 BPSK	1	271	21.91			22.0	0.5	
100	PI/2 BPSK	135	0	21.47					
100	PI/2 BPSK	135	69	21.83			22.5	0.0	
100	PI/2 BPSK	135	138	21.51					
100	PI/2 BPSK	270	0	21.52			22.0	0.5	
100	QPSK	1	1	21.97					
100	QPSK	1	137	21.50			22.5	0.0	
100	QPSK	1	271	21.42					
100	QPSK	135	0	20.94			21.5	1.0	
100	QPSK	135	69	21.91					
100	QPSK	135	138	21.04			22.5	0.0	
100	QPSK	270	0	21.11					
100	16QAM	1	1	20.92			21.5	1.0	
100	64QAM	1	1	19.37					
100	256QAM	1	1	17.43			18.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02	22.5	MPR (dB)	
90	QPSK	1	1	21.83	21.88	21.86			
Channel				632668	633334	634000	3490.02	3500.01	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	21.79	21.91	21.80	22.5	MPR (dB)	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01	22.5	0.0	
70	QPSK	1	1	21.79	21.87	21.81			
Channel				632000	633334	634668	3480	3500.01	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	21.84	21.83	21.76	22.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	22.5	0.0	
50	QPSK	1	1	21.76	21.84	21.76			
Channel				631334	633334	635334	3470.01	3500.01	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	21.73	21.84	21.83	22.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	22.5	MPR (dB)	
30	QPSK	1	1	21.82	21.83	21.83			
Channel				630834	633334	635834	3462.51	3500.01	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	21.73	21.89	21.76	22.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	22.5	0.0	
20	QPSK	1	1	21.74	21.90	21.79			
Channel				630500	633334	636168	3457.5	3500.01	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	21.79	21.85	21.87	22.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01	22.5	0.0	
10	QPSK	1	1	21.83	21.92	21.79			

Part96 n77&78 PC3 Default Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	3600	3624.99 3649.98	
Frequency (MHz)									
100	PI/2 BPSK	1	1	20.86	20.91	20.88	22.5	0.0	
100	PI/2 BPSK	1	137	20.86	20.87	20.92			
100	PI/2 BPSK	1	271	20.86	20.89	20.76	22.0	0.5	
100	PI/2 BPSK	135	0	20.42	20.55	20.45			
100	PI/2 BPSK	135	69	20.79	20.92	20.82	22.5	0.0	
100	PI/2 BPSK	135	138	20.50	20.55	20.47			
100	PI/2 BPSK	270	0	20.47	20.54	20.52	22.0	0.5	
100	QPSK	1	1	21.37	21.52	21.39			
100	QPSK	1	137	21.32	21.33	21.19	22.5	0.0	
100	QPSK	1	271	21.33	21.37	21.18			
100	QPSK	135	0	20.50	20.51	20.32	21.5	1.0	
100	QPSK	135	69	20.93	21.09	20.97			
100	QPSK	135	138	20.49	20.41	20.35	22.5	0.0	
100	QPSK	270	0	19.94	20.10	19.98			
100	16QAM	1	1	19.82	19.92	19.82	21.5	1.0	
100	64QAM	1	1	18.38	18.36	18.37			
100	256QAM	1	1	16.39	16.59	16.53	20.0	2.5	
Channel				639668	641666	643666			
Frequency (MHz)				3595.02	3624.99	3654.99	22.5	0.0	
90	QPSK	1	1	21.29	21.44	21.26			
Channel				639334	641666	644000	3590.01	3624.99	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	21.30	21.46	21.24	22.5	0.0	
Channel				639000	641666	644332			
Frequency (MHz)				3585	3624.99	3664.98	22.5	0.0	
70	QPSK	1	1	21.27	21.46	21.28			
Channel				638668	641666	644666	3580.02	3624.99	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	21.26	21.47	21.33	22.5	0.0	
Channel				638334	641666	645000			
Frequency (MHz)				3575.01	3624.99	3675	22.5	0.0	
50	QPSK	1	1	21.25	21.39	21.27			
Channel				638000	641666	645332	3570	3624.99	
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	21.22	21.45	21.31	22.5	0.0	
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99	22.5	0.0	
30	QPSK	1	1	21.27	21.36	21.26			
Channel				637334	641666	646000	22.5	0.0	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	21.28	21.44	21.33	22.5	0.0	

n7 Default Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	1/2 BPSK	1	1	23.70	23.74	23.60		
50	1/2 BPSK	1	135	23.61	23.66	23.49	24.5	0.0
50	1/2 BPSK	1	268	23.57	23.60	23.54		
50	1/2 BPSK	135	0	23.17	23.24	23.07	24.0	0.5
50	1/2 BPSK	135	68	23.67	23.78	23.56	24.5	0.0
50	1/2 BPSK	135	135	23.18	23.27	23.07	24.0	0.5
50	1/2 BPSK	270	0	23.15	23.21	23.07		
50	QPSK	1	1	23.75	23.82	23.81		
50	QPSK	1	135	23.72	23.73	23.55	24.5	0.0
50	QPSK	1	268	23.71	23.73	23.53		
50	QPSK	135	0	22.78	22.82	22.61	23.5	1.0
50	QPSK	135	68	23.76	23.80	23.70	24.5	0.0
50	QPSK	135	135	22.78	22.87	22.64	23.5	1.0
50	QPSK	270	0	22.74	22.78	22.68		
50	16QAM	1	1	22.43	22.57	22.54	23.5	1.0
50	64QAM	1	1	21.19	21.23	21.11	22.0	2.5
50	256QAM	1	1	19.45	19.53	19.42	20.0	4.5
Channel				504000	507000	510000	tune up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.62	23.70	23.67	24.5	0.0
Channel				503000	507000	511000	tune up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.63	23.77	23.71	24.5	0.0
Channel				502500	507000	511500	tune up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.66	23.73	23.71	24.5	0.0
Channel				502000	507000	512000	tune up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	1/2 BPSK	1	1	23.70	23.72	23.69	24.5	0.0
Channel				501500	507000	512500	tune up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.66	23.75	23.71	24.5	0.0
Channel				501000	507000	513000	tune up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.66	23.72	23.76	24.5	0.0
Channel				500500	507000	513500	tune up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.71	23.70	23.66	24.5	0.0

n38 Default Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	23.47	23.54	23.43		
40	1/2 BPSK	1	53	23.41	23.42	23.37	24.5	0.0
40	1/2 BPSK	1	104	23.32	23.49	23.32		
40	1/2 BPSK	50	0	22.99	23.04	22.98	24.0	0.5
40	1/2 BPSK	50	28	23.41	23.44	23.31	24.5	0.0
40	1/2 BPSK	50	56	22.85	23.01	22.86		
40	1/2 BPSK	100	0	22.96	23.06	22.89	24.0	0.5
40	QPSK	1	1	23.49	23.64	23.63		
40	QPSK	1	53	23.35	23.57	23.52	24.5	0.0
40	QPSK	1	104	23.38	23.49	23.60		
40	QPSK	50	0	22.55	22.66	22.69	23.5	1.0
40	QPSK	50	28	23.31	23.40	23.36	24.5	0.0
40	QPSK	50	56	22.63	22.66	22.60	23.5	1.0
40	QPSK	100	0	22.48	22.51	22.43		
40	16QAM	1	1	22.56	22.64	22.57	23.5	1.0
40	64QAM	1	1	20.87	20.92	20.85	22.0	2.5
40	256QAM	1	1	19.05	19.10	19.05	20.0	4.5
Channel				517002	519000	520998		
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.43	23.50	23.57	24.5	0.0
Channel				516000	519000	522000		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.43	23.58	23.54	24.5	0.0
Channel				515502	519000	522498		
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.40	23.49	23.52	24.5	0.0
Channel				515004	519000	522996		
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.35	23.54	23.59	24.5	0.0

n41 Default Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	21.88	22.00	21.92		
100	1/2 BPSK	1	137	21.87	21.91	21.90	23.0	0.0
100	1/2 BPSK	1	271	21.88	21.95	21.79		
100	1/2 BPSK	135	0	21.90	21.98	21.80	23.0	0.0
100	1/2 BPSK	135	69	21.76	21.95	21.79	23.0	0.0
100	1/2 BPSK	135	138	21.88	21.92	21.87		
100	1/2 BPSK	270	0	21.84	21.92	21.86	23.0	0.0
100	QPSK	1	1	21.96	22.01	21.89		
100	QPSK	1	137	21.86	21.90	21.86	23.0	0.0
100	QPSK	1	271	21.77	21.87	21.83		
100	QPSK	135	0	21.89	21.92	21.82	23.0	0.0
100	QPSK	135	69	21.91	21.98	21.85	23.0	0.0
100	QPSK	135	138	21.87	21.93	21.81		
100	QPSK	270	0	21.91	21.95	21.83	23.0	0.0
100	16QAM	1	1	21.83	21.94	21.84	23.0	0.0
100	64QAM	1	1	21.85	21.91	21.86	23.0	0.0
100	256QAM	1	1	21.84	21.93	21.81	23.0	0.0
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.92	21.90	21.76	23.0	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.92	21.95	21.82	23.0	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.89	21.97	21.78	23.0	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.82	21.98	21.81	23.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.86	21.96	21.86	23.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.89	21.96	21.81	23.0	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.84	21.87	21.81	23.0	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.93	21.95	21.82	23.0	0.0
Channel				500700	518598	536496		
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.87	21.87	21.77	23.0	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.85	21.97	21.80	23.0	0.0

n41 HPUE Default Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	25.01	25.12	25.14		
100	1/2 BPSK	1	137	24.92	25.11	24.97	26.0	0.0
100	1/2 BPSK	1	271	24.97	25.00	24.97		
100	1/2 BPSK	135	0	24.94	25.12	24.94	26.0	0.0
100	1/2 BPSK	135	69	25.02	25.06	25.04	26.0	0.0
100	1/2 BPSK	135	138	24.94	25.14	24.96		
100	1/2 BPSK	270	0	25.00	25.03	24.90	26.0	0.0
100	QPSK	1	1	25.02	25.15	25.01		
100	QPSK	1	137	24.34	25.10	24.76	26.0	0.0
100	QPSK	1	271	24.28	25.14	24.89		
100	QPSK	135	0	24.93	25.11	24.93	26.0	0.0
100	QPSK	135	69	24.98	25.13	24.93	26.0	0.0
100	QPSK	135	138	24.94	25.07	24.96		
100	QPSK	270	0	24.93	25.11	24.95	26.0	0.0
100	16QAM	1	1	24.99	25.08	24.95	26.0	0.0
100	64QAM	1	1	24.98	25.13	24.99	26.0	0.0
100	256QAM	1	1	25.01	25.12	24.89	26.0	0.0
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.80	25.10	24.80	26.0	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.79	25.12	24.84	26.0	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.83	25.05	24.77	26.0	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.79	25.09	24.86	26.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.87	25.13	24.78	26.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.80	25.02	24.83	26.0	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.79	25.06	24.80	26.0	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.89	25.11	24.84	26.0	0.0
Channel				500700	518598	536496		
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.88	25.03	24.86	26.0	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.84	25.06	24.82	26.0	0.0

Part270 n77 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	24.13	24.21	24.07			
100	1/2 BPSK	1	137	24.25	24.35	24.16	25.5	0.0	
100	1/2 BPSK	1	271	24.21	24.37	24.21			
100	1/2 BPSK	135	0	23.91	24.06	23.82	25.0	0.5	
100	1/2 BPSK	135	69	24.20	24.29	24.20	25.5	0.0	
100	1/2 BPSK	135	138	23.95	24.04	23.83	25.0	0.5	
100	1/2 BPSK	270	0	23.94	24.02	23.91			
100	QPSK	1	1	24.41	24.45	24.31			
100	QPSK	1	137	24.29	24.36	24.18	25.5	0.0	
100	QPSK	1	271	24.30	24.39	24.17			
100	QPSK	135	0	23.36	23.51	23.30	24.5	1.0	
100	QPSK	135	69	24.31	24.38	24.32	25.5	0.0	
100	QPSK	135	138	23.44	23.50	23.34	24.5	1.0	
100	QPSK	270	0	23.14	23.29	23.18			
100	16QAM	1	1	23.15	23.26	23.16	24.5	1.0	
100	64QAM	1	1	21.45	21.55	21.41	23.0	2.5	
100	256QAM	1	1	19.61	19.68	19.62	21.0	4.5	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	24.33	24.32	24.23	25.5	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	24.30	24.36	24.21	25.5	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	24.30	24.42	24.19	25.5	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	24.27	24.37	24.23	25.5	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	24.29	24.40	24.19	25.5	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	24.32	24.33	24.25	25.5	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	24.29	24.31	24.20	25.5	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	24.26	24.40	24.20	25.5	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	24.33	24.42	24.18	25.5	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	24.35	24.38	24.27	25.5	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	24.36	24.32	24.26	25.5	0.0	

Part27Q n77 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					633334				
Frequency (MHz)					3500.01				
100	1/2 BPSK	1	1		24.17				
100	1/2 BPSK	1	137		24.13		25.5	0.0	
100	1/2 BPSK	1	271		24.04				
100	1/2 BPSK	135	0		23.64		25.0	0.5	
100	1/2 BPSK	135	69		24.06		25.5	0.0	
100	1/2 BPSK	135	138		23.72		25.0	0.5	
100	1/2 BPSK	270	0		23.73				
100	QPSK	1	1		24.48				
100	QPSK	1	137		24.41		25.5	0.0	
100	QPSK	1	271		24.41				
100	QPSK	135	0		23.48		24.5	1.0	
100	QPSK	135	69		24.35		25.5	0.0	
100	QPSK	135	138		23.44		24.5	1.0	
100	QPSK	270	0		23.36				
100	16QAM	1	1		23.18		24.5	1.0	
100	64QAM	1	1		21.63		23.0	2.5	
100	256QAM	1	1		19.96		21.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	24.33	24.37	24.28	25.5	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	24.33	24.41	24.26	25.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	24.30	24.44	24.25	25.5	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	24.27	24.43	24.29	25.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	24.34	24.36	24.30	25.5	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	24.24	24.44	24.24	25.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	24.27	24.36	24.32	25.5	0.0	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	24.25	24.38	24.30	25.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	24.27	24.36	24.24	25.5	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	24.30	24.41	24.22	25.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	24.33	24.43	24.24	25.5	0.0	

Part270 n78 Default Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPSK	1	1		24.54				
100	1/2 BPSK	1	137		24.21		25.5	0.0	
100	1/2 BPSK	1	271		24.17				
100	1/2 BPSK	135	0		23.72		25.0	0.5	
100	1/2 BPSK	135	69		24.12		25.5	0.0	
100	1/2 BPSK	135	138		23.86		25.0	0.5	
100	1/2 BPSK	270	0		23.87				
100	QPSK	1	1		24.57				
100	QPSK	1	137		24.56		25.5	0.0	
100	QPSK	1	271		24.55				
100	QPSK	135	0		23.56		24.5	1.0	
100	QPSK	135	69		24.53		25.5	0.0	
100	QPSK	135	138		23.58		24.5	1.0	
100	QPSK	270	0		23.45				
100	16QAM	1	1		23.45		24.5	1.0	
100	64QAM	1	1		21.71		23.0	2.5	
100	256QAM	1	1		20.03		21.0	4.5	
Channel				649668	650000	650334		MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	24.44	24.52	24.33	25.5	0.0	
Channel				648334	650000	650668		MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	24.44	24.47	24.35	25.5	0.0	
Channel				649000	650000	651000		MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	24.44	24.47	24.38	25.5	0.0	
Channel				648668	650000	651334		MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	24.37	24.50	24.32	25.5	0.0	
Channel				648334	650000	651668		MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	24.29	24.50	24.40	25.5	0.0	
Channel				648000	650000	652000		MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	24.38	24.53	24.38	25.5	0.0	
Channel				647668	650000	652334		MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	24.37	24.52	24.34	25.5	0.0	
Channel				647500	650000	652500		MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	24.45	24.53	24.34	25.5	0.0	
Channel				647334	650000	652668		MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	24.38	24.51	24.36	25.5	0.0	
Channel				647168	650000	652834		MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	24.47	24.47	24.34	25.5	0.0	
Channel				647000	650000	653000		MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	24.42	24.52	24.34	25.5	0.0	

Part27Q n78 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		24.08				
100	PI/2 BPSK	1	137		24.26		25.5	0.0	
100	PI/2 BPSK	1	271		24.17				
100	PI/2 BPSK	135	0		23.72		25.0	0.5	
100	PI/2 BPSK	135	69		24.22		25.5	0.0	
100	PI/2 BPSK	135	138		23.81		25.0	0.5	
100	PI/2 BPSK	270	0		23.80				
100	QPSK	1	1		24.42				
100	QPSK	1	137		24.40		25.5	0.0	
100	QPSK	1	271		24.41				
100	QPSK	135	0		23.54		24.5	1.0	
100	QPSK	135	69		24.22		25.5	0.0	
100	QPSK	135	138		23.56		24.5	1.0	
100	QPSK	270	0		23.33				
100	16QAM	1	1		23.06		24.5	1.0	
100	64QAM	1	1		23.0		23.0	2.5	
100	256QAM	1	1		19.73		21.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	24.38	24.28	24.36	25.5	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	24.33	24.34	24.30	25.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	24.33	24.35	24.28	25.5	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	24.37	24.35	24.28	25.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	24.33	24.34	24.31	25.5	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	24.34	24.28	24.28	25.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	24.28	24.38	24.34	25.5	0.0	
Channel				630334	633334	635934			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	24.39	24.35	24.36	25.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	24.38	24.36	24.27	25.5	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	24.30	24.27	24.29	25.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	24.33	24.33	24.35	25.5	0.0	

Part96 n77&78 PC3 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000		641666	643332		
Frequency (MHz)				3600		3624.99	3649.98		
100	PI/2 BPSK	1	1		23.60	23.70	23.63		
100	PI/2 BPSK	1	137		23.70	23.85	23.64	25.5	
100	PI/2 BPSK	1	271		23.76	23.92	23.72		
100	PI/2 BPSK	135	0		23.47	23.53	23.27	25.0	
100	PI/2 BPSK	135	69		23.74	23.79	23.65	25.5	
100	PI/2 BPSK	135	138		23.49	23.51	23.29	25.0	
100	PI/2 BPSK	270	0		23.47	23.55	23.46		
100	QPSK	1	1		23.88	23.98	23.90		
100	QPSK	1	137		23.78	23.82	23.65	25.5	
100	QPSK	1	271		23.79	23.94	23.71		
100	QPSK	135	0		22.92	22.99	22.79	24.5	
100	QPSK	135	69		23.77	23.88	23.86	25.5	
100	QPSK	135	138		22.92	23.03	22.87	24.5	
100	QPSK	270	0		22.60	22.82	22.63		
100	16QAM	1	1		22.67	22.75	22.63	24.5	
100	64QAM	1	1		21.05	21.04	21.05	23.0	
100	256QAM	1	1		19.12	19.22	19.07	21.0	
Channel				639668	641666	643666			
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	23.82	23.89	23.72	25.5	0.0	
Channel				639334	641666	644000			
Frequency (MHz)				3590.01	3624.99	3650			
80	QPSK	1	1	23.72	23.91	23.71	25.5	0.0	
Channel				639000	641666	644332			
Frequency (MHz)				3585	3624.99	3654.98			
70	QPSK	1	1	23.72	23.94	23.66	25.5	0.0	
Channel				638668	641666	644666			
Frequency (MHz)				3580.02	3624.99	3659.99			
60	QPSK	1	1	23.78	23.91	23.69	25.5	0.0	
Channel				638334	641666	645000			
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	23.72	23.87	23.68	25.5	0.0	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3674.99			
40	QPSK	1	1	23.83	23.84	23.68	25.5	0.0	
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	23.76	23.85	23.74	25.5	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	23.78	23.91	23.66	25.5	0.0	

n41 Default Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	22.38	22.43	22.38		
100	1/2 BPSK	1	137	22.37	22.43	22.40	24.0	0.0
100	1/2 BPSK	1	271	22.42	22.46	22.33		
100	1/2 BPSK	135	0	22.03	22.01	22.00	23.5	0.5
100	1/2 BPSK	135	69	22.44	22.46	22.38	24.0	0.0
100	1/2 BPSK	135	138	22.02	22.01	21.94		
100	1/2 BPSK	270	0	21.98	21.98	21.95	23.5	0.5
100	QPSK	1	1	22.51	22.54	22.46		
100	QPSK	1	137	22.44	22.40	22.40	24.0	0.0
100	QPSK	1	271	22.45	22.40	22.42		
100	QPSK	135	0	21.50	21.56	21.50	23.0	1.0
100	QPSK	135	69	22.37	22.42	22.41	24.0	0.0
100	QPSK	135	138	21.50	21.51	21.46	23.0	1.0
100	QPSK	270	0	21.53	21.58	21.52		
100	16QAM	1	1	21.48	21.51	21.46	23.0	1.0
100	64QAM	1	1	20.01	20.06	19.98	21.5	2.5
100	256QAM	1	1	18.01	18.02	17.95	19.5	4.5
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.40	22.48	22.38	24.0	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.40	22.43	22.35	24.0	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.43	22.38	22.40	24.0	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.35	22.39	22.35	24.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.42	22.50	22.35	24.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.42	22.48	22.33	24.0	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.40	22.49	22.34	24.0	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.47	22.42	22.37	24.0	0.0
Channel				500700	518598	536996		
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.46	22.47	22.39	24.0	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.37	22.40	22.34	24.0	0.0

n7 Default Ant 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	1/2 BPSK	1	1	23.62	23.77	23.70		
50	1/2 BPSK	1	135	23.53	23.68	23.63	24.5	0.0
50	1/2 BPSK	1	268	23.51	23.70	23.64		
50	1/2 BPSK	135	0	23.17	23.26	23.25	24.0	0.5
50	1/2 BPSK	135	68	23.48	23.65	23.60	24.5	0.0
50	1/2 BPSK	135	135	23.09	23.31	23.26	24.0	0.5
50	1/2 BPSK	270	0	23.18	23.32	23.16		
50	QPSK	1	1	23.55	23.81	23.71		
50	QPSK	1	135	23.50	23.76	23.61	24.5	0.0
50	QPSK	1	268	23.40	23.68	23.67		
50	QPSK	135	0	22.59	22.88	22.70	23.5	1.0
50	QPSK	135	68	23.54	23.62	23.55	24.5	0.0
50	QPSK	135	135	22.60	22.87	22.71		
50	QPSK	270	0	22.52	22.59	22.47	23.5	1.0
50	16QAM	1	1	22.60	22.75	22.64	23.5	1.0
50	64QAM	1	1	21.34	21.41	21.30	22.0	2.5
50	256QAM	1	1	19.41	19.48	19.42	20.0	4.5
Channel				504000	507000	510000	tune up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.48	23.71	23.57	24.5	0.0
Channel				503000	507000	511000	tune up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.47	23.66	23.58	24.5	0.0
Channel				502500	507000	511500	tune up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.44	23.71	23.61	24.5	0.0
Channel				502000	507000	512000	tune up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	1/2 BPSK	1	1	23.45	23.72	23.63	24.5	0.0
Channel				501500	507000	512500	tune up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.48	23.77	23.68	24.5	0.0
Channel				501000	507000	513000	tune up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.43	23.68	23.65	24.5	0.0
Channel				500500	507000	513500	tune up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.40	23.70	23.60	24.5	0.0

n41 Default Ant 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	21.91	21.92	21.82		
100	1/2 BPSK	1	137	21.82	21.89	21.86	23.0	0.0
100	1/2 BPSK	1	271	21.91	21.91	21.86		
100	1/2 BPSK	135	0	21.46	21.46	21.52	22.5	0.5
100	1/2 BPSK	135	69	21.88	21.88	21.81	23.0	0.0
100	1/2 BPSK	135	138	21.41	21.52	21.46	22.5	0.5
100	1/2 BPSK	270	0	21.42	21.53	21.49		
100	QPSK	1	1	21.95	21.98	21.97		
100	QPSK	1	137	21.89	21.86	21.88	23.0	0.0
100	QPSK	1	271	21.83	21.93	21.87		
100	QPSK	135	0	21.00	20.93	20.96	22.0	1.0
100	QPSK	135	69	21.81	21.84	21.81	23.0	0.0
100	QPSK	135	138	20.99	20.99	21.00		
100	QPSK	270	0	20.92	21.00	20.98	22.0	1.0
100	16QAM	1	1	21.01	20.93	20.97	22.0	1.0
100	64QAM	1	1	19.50	19.50	19.49	20.5	2.5
100	256QAM	1	1	17.44	17.53	17.52	18.5	4.5
Channel				508200	518598	528996	tune up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.90	21.94	21.91	23.0	0.0
Channel				507204	518598	529998	tune up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.90	21.86	21.93	23.0	0.0
Channel				506202	518598	531000	tune up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.90	21.92	21.90	23.0	0.0
Channel				505200	518598	531996	tune up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.89	21.86	21.90	23.0	0.0
Channel				504204	518598	532998	tune up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.87	21.84	21.93	23.0	0.0
Channel				503202	518598	534000	tune up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.89	21.92	21.84	23.0	0.0
Channel				502200	518598	534996	tune up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.88	21.89	21.86	23.0	0.0
Channel				501204	518598	535998	tune up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.87	21.84	21.85	23.0	0.0
Channel				500100	518598	536996	tune up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.90	21.92	21.90	23.0	0.0
Channel				500202	518598	537000	tune up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.84	21.92	21.83	23.0	0.0

Part270 n77 Default Ant 2

BW [MHz]	Modulation	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	1/2 BPSK	1	1	20.96	21.07	21.00		
100	1/2 BPSK	1	137	20.91	20.99	20.98	22.0	0.0
100	1/2 BPSK	1	271	20.94	21.06	21.04		
100	1/2 BPSK	135	0	21.15	21.28	21.12	22.0	0.0
100	1/2 BPSK	135	69	20.86	21.05	21.02	22.0	0.0
100	1/2 BPSK	135	138	21.21	21.30	21.19	22.0	0.0
100	1/2 BPSK	270	0	20.50	20.64	20.56		
100	QPSK	1	1	21.14	21.33	21.13		
100	QPSK	1	137	21.01	21.19	21.10	22.0	0.0
100	QPSK	1	271	20.97	21.14	21.21		
100	QPSK	135	0	21.15	21.22	21.12	22.0	0.0
100	QPSK	135	69	21.25	21.29	21.16	22.0	0.0
100	QPSK	135	138	21.18	21.28	21.15		
100	QPSK	270	0	21.18	21.26	21.11	22.0	0.0
100	16QAM	1	1	21.19	21.23	21.18	22.0	0.0
100	64QAM	1	1	21.20	21.20	21.16	22.0	0.0
100	256QAM	1	1	21.13	21.29	21.11	22.0	0.0
Channel				649668	650000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.04	21.22	21.09	22.0	0.0
Channel				649334	650000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.04	21.21	21.05	22.0	0.0
Channel				649000	650000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.98	21.15	21.15	22.0	0.0
Channel				648668	650000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.05	21.14	21.12	22.0	0.0
Channel				648334	650000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.01	21.11	21.12	22.0	0.0
Channel				648000	650000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.06	21.19	21.08	22.0	0.0
Channel				647668	650000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.06	21.22	21.14	22.0	0.0
Channel				647500	650000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.97	21.21	21.10	22.0	0.0
Channel				647334	650000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.06	21.13	21.14	22.0	0.0
Channel				647168	650000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.02	21.20	21.16	22.0	0.0
Channel				647000	650000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.02	21.21	21.12	22.0	0.0

Part27Q n77 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		21.09			
100	1/2 BPSK	1	137		21.06		22.0	0.0
100	1/2 BPSK	1	271		20.95			
100	1/2 BPSK	135	0		21.14		22.0	0.0
100	1/2 BPSK	135	69		20.95		22.0	0.0
100	1/2 BPSK	135	138		21.20		22.0	0.0
100	1/2 BPSK	270	0		21.16			
100	QPSK	1	1		21.27			
100	QPSK	1	137		21.17		22.0	0.0
100	QPSK	1	271		21.22			
100	QPSK	135	0		21.19		22.0	0.0
100	QPSK	135	69		21.22		22.0	0.0
100	QPSK	135	138		21.13			
100	QPSK	270	0		21.17		22.0	0.0
100	16QAM	1	1		21.15		22.0	0.0
100	64QAM	1	1		21.12		22.0	0.0
100	256QAM	1	1		21.17		22.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.96	21.20	21.13	22.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.04	21.18	21.05	22.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.04	21.18	21.15	22.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.08	21.11	21.18	22.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.06	21.17	21.15	22.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.97	21.15	21.06	22.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.00	21.20	21.14	22.0	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.97	21.15	21.04	22.0	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.01	21.16	21.10	22.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.99	21.16	21.13	22.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.96	21.18	21.06	22.0	0.0

Part270 n78 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		21.09			
100	1/2 BPSK	1	137		20.94		22.0	0.0
100	1/2 BPSK	1	271		20.94			
100	1/2 BPSK	135	0		21.09		22.0	0.0
100	1/2 BPSK	135	69		20.98		22.0	0.0
100	1/2 BPSK	135	138		21.15		22.0	0.0
100	1/2 BPSK	270	0		21.14			
100	QPSK	1	1		21.28			
100	QPSK	1	137		21.14		22.0	0.0
100	QPSK	1	271		21.07			
100	QPSK	135	0		21.17		22.0	0.0
100	QPSK	135	69		21.24		22.0	0.0
100	QPSK	135	138		21.15			
100	QPSK	270	0		21.21		22.0	0.0
100	16QAM	1	1		21.10		22.0	0.0
100	64QAM	1	1		21.12		22.0	0.0
100	256QAM	1	1		21.15		22.0	0.0
Channel				649668	650000	650334	tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.12	21.14	21.17	22.0	0.0
Channel				649334	650000	650668	tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.02	21.25	21.22	22.0	0.0
Channel				649000	650000	651000	tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.10	21.21	21.17	22.0	0.0
Channel				648668	650000	651334	tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.08	21.21	21.17	22.0	0.0
Channel				648334	650000	651668	tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.02	21.23	21.17	22.0	0.0
Channel				648000	650000	652000	tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.04	21.14	21.20	22.0	0.0
Channel				647668	650000	652334	tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.09	21.19	21.12	22.0	0.0
Channel				647500	650000	652500	tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.12	21.18	21.20	22.0	0.0
Channel				647334	650000	652668	tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.04	21.15	21.15	22.0	0.0
Channel				647168	650000	652834	tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.04	21.20	21.13	22.0	0.0
Channel				647000	650000	653000	tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.01	21.20	21.19	22.0	0.0

Part27Q n78 Default Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI/2 BPSK	1	1	21.09			22.0	0.0	
100	PI/2 BPSK	1	137	21.03					
100	PI/2 BPSK	1	271	20.89			22.0	0.0	
100	PI/2 BPSK	135	0	21.10					
100	PI/2 BPSK	135	69	20.96			22.0	0.0	
100	PI/2 BPSK	135	138	21.10					
100	PI/2 BPSK	270	0	21.02			22.0	0.0	
100	QPSK	1	1	21.20					
100	QPSK	1	137	21.15			22.0	0.0	
100	QPSK	1	271	21.17					
100	QPSK	135	0	21.03			22.0	0.0	
100	QPSK	135	69	21.18					
100	QPSK	135	138	21.05			22.0	0.0	
100	QPSK	270	0	21.12					
100	16QAM	1	1	21.06			22.0	0.0	
100	64QAM	1	1	21.09					
100	256QAM	1	1	21.05			22.0	0.0	
Channel				633000	633334	633668		Tune-up limit (dBm) MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	21.08	21.19	21.11	22.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	21.13	21.15	21.15	22.0	0.0	
Channel				632334	633334	634334	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3465.01	3500.01	3515.01			
70	QPSK	1	1	21.05	21.14	21.15	22.0	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	21.08	21.19	21.15	22.0	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	21.08	21.16	21.10	22.0	0.0	
Channel				631334	633334	635334	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	21.08	21.11	21.15	22.0	0.0	
Channel				631000	633334	635668	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	21.13	21.18	21.16	22.0	0.0	
Channel				630834	633334	635834	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	21.10	21.16	21.14	22.0	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	21.04	21.05	21.14	22.0	0.0	
Channel				630500	633334	636168	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	21.07	21.18	21.06	22.0	0.0	
Channel				630334	633334	636334	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	21.06	21.16	21.15	22.0	0.0	

Part96 n77&78 PC3 Default Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000			3600	3624.99	
Frequency (MHz)				643332					
100	PI/2 BPSK	1	1	12.79	12.92	12.89	14.0	0.0	
100	PI/2 BPSK	1	137	12.85	12.89	12.83			
100	PI/2 BPSK	1	271	12.84	12.93	12.88	14.0	0.0	
100	PI/2 BPSK	135	0	12.80	12.91	12.83			
100	PI/2 BPSK	135	69	12.81	12.92	12.89	14.0	0.0	
100	PI/2 BPSK	135	138	12.85	12.88	12.89			
100	PI/2 BPSK	270	0	12.88	12.87	12.89	14.0	0.0	
100	QPSK	1	1	12.92	12.97	12.95			
100	QPSK	1	137	12.78	12.91	12.87	14.0	0.0	
100	QPSK	1	271	12.82	12.88	12.84			
100	QPSK	135	0	12.79	12.88	12.83	14.0	0.0	
100	QPSK	135	69	12.86	12.94	12.84			
100	QPSK	135	138	12.79	12.92	12.83	14.0	0.0	
100	QPSK	270	0	12.83	12.92	12.88			
100	16QAM	1	1	12.88	12.89	12.84	14.0	0.0	
100	64QAM	1	1	12.86	12.85	12.87			
100	256QAM	1	1	12.78	12.88	12.86	14.0	0.0	
Channel				639668	641666	643666		Tune-up limit (dBm) MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	12.81	12.91	12.84	14.0	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	12.83	12.85	12.82	14.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	12.79	12.85	12.87	14.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	12.83	12.90	12.86	14.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	12.86	12.94	12.90	14.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	12.81	12.93	12.82	14.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	12.87	12.84	12.92	14.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	12.80	12.83	12.88	14.0	0.0	

Part270 n77 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	20.54	20.64	20.57	22.5	0.0
100	1/2 BPSK	1	137	20.53	20.52	20.57		
100	1/2 BPSK	1	271	20.57	20.58	20.52		
100	1/2 BPSK	135	0	20.16	20.19	20.16	22.0	0.5
100	1/2 BPSK	135	69	20.54	20.61	20.54	22.5	0.0
100	1/2 BPSK	135	138	20.18	20.24	20.20		
100	1/2 BPSK	270	0	20.20	20.24	20.17	22.0	0.5
100	QPSK	1	1	21.11	21.17	21.05		
100	QPSK	1	137	21.02	21.03	20.92	22.5	0.0
100	QPSK	1	271	21.05	21.10	20.91		
100	QPSK	135	0	20.14	20.23	20.05	21.5	1.0
100	QPSK	135	69	20.62	20.77	20.70	22.5	0.0
100	QPSK	135	138	20.15	20.17	20.05		
100	QPSK	270	0	19.66	19.76	19.66	21.5	1.0
100	16QAM	1	1	19.53	19.56	19.57	21.5	1.0
100	64QAM	1	1	18.10	18.02	18.12	20.0	2.5
100	256QAM	1	1	16.14	16.27	16.21	18.0	4.5
Channel				649668	656000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.03	21.14	20.92	22.5	0.0
Channel				649334	656000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.02	21.05	20.96	22.5	0.0
Channel				649000	656000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.07	21.09	20.92	22.5	0.0
Channel				648668	656000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.06	21.05	20.96	22.5	0.0
Channel				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.03	21.04	20.92	22.5	0.0
Channel				648000	656000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.97	21.07	20.98	22.5	0.0
Channel				647668	656000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.97	21.08	20.97	22.5	0.0
Channel				647500	656000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.07	21.12	20.97	22.5	0.0
Channel				647334	656000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.09	21.09	20.95	22.5	0.0
Channel				647168	656000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.00	21.04	20.96	22.5	0.0
Channel				647000	656000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.99	21.09	20.98	22.5	0.0

Part27Q n77 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		21.92		22.5	0.0
100	1/2 BPSK	1	137		21.86			
100	1/2 BPSK	1	271		21.87			
100	1/2 BPSK	135	0		21.49		22.0	0.5
100	1/2 BPSK	135	69		21.87		22.5	0.0
100	1/2 BPSK	135	138		21.47		22.0	0.5
100	1/2 BPSK	270	0		21.40			
100	QPSK	1	1		21.95			
100	QPSK	1	137		21.90		22.5	0.0
100	QPSK	1	271		21.91			
100	QPSK	135	0		20.95		21.5	1.0
100	QPSK	135	69		21.78		22.5	0.0
100	QPSK	135	138		20.95			
100	QPSK	270	0		21.05		21.5	1.0
100	16QAM	1	1		20.88		21.5	1.0
100	64QAM	1	1		19.35		20.0	2.5
100	256QAM	1	1		17.68		18.0	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.74	21.83	21.83	22.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.74	21.82	21.78	22.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.82	21.92	21.85	22.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.80	21.85	21.88	22.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.81	21.91	21.81	22.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.75	21.91	21.80	22.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.75	21.88	21.82	22.5	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.70	21.91	21.77	22.5	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.75	21.86	21.77	22.5	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.75	21.84	21.83	22.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.80	21.90	21.87	22.5	0.0

Part270 n78 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		21.30		22.5	0.0
100	1/2 BPSK	1	137		21.23			
100	1/2 BPSK	1	271		21.23			
100	1/2 BPSK	135	0		20.78		22.0	0.5
100	1/2 BPSK	135	69		21.21		22.5	0.0
100	1/2 BPSK	135	138		20.79		22.0	0.5
100	1/2 BPSK	270	0		20.78			
100	QPSK	1	1		21.32		22.5	0.0
100	QPSK	1	137		21.25			
100	QPSK	1	271		21.29			
100	QPSK	135	0		20.35		21.5	1.0
100	QPSK	135	69		21.18		22.5	0.0
100	QPSK	135	138		20.34			
100	QPSK	270	0		20.12		21.5	1.0
100	16QAM	1	1		20.27		21.5	1.0
100	64QAM	1	1		18.64		20.0	2.5
100	256QAM	1	1		16.99		18.0	4.5
Channel				649668	650000	650334	1 tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.17	21.22	21.23	22.5	0.0
Channel				649334	650000	650668	1 tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.24	21.27	21.27	22.5	0.0
Channel				649000	650000	651000	1 tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.28	21.27	21.21	22.5	0.0
Channel				648668	650000	651334	1 tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.27	21.28	21.26	22.5	0.0
Channel				648334	650000	651668	1 tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				648000	650000	652000	1 tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647668	650000	652334	1 tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647500	650000	652500	1 tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647334	650000	652668	1 tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647168	650000	652834	1 tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.29	21.27	21.24	22.5	0.0
Channel				647000	650000	653000	1 tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.29	21.27	21.24	22.5	0.0

Part27Q n78 Default Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI/2 BPSK	1	1	21.96			22.5	0.0	
100	PI/2 BPSK	1	137	21.82					
100	PI/2 BPSK	1	271	21.91			22.5	0.5	
100	PI/2 BPSK	135	0	21.47					
100	PI/2 BPSK	135	69	21.83			22.0	0.5	
100	PI/2 BPSK	135	138	21.51					
100	PI/2 BPSK	270	0	21.52			22.5	0.0	
100	QPSK	1	1	21.97					
100	QPSK	1	137	21.50			22.5	0.0	
100	QPSK	1	271	21.42					
100	QPSK	135	0	20.94			21.5	1.0	
100	QPSK	135	69	21.91					
100	QPSK	135	138	21.04			21.5	1.0	
100	QPSK	270	0	21.11					
100	16QAM	1	1	20.92			21.5	1.0	
100	64QAM	1	1	19.37					
100	256QAM	1	1	17.43			18.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02	22.5	MPR (dB)	
90	QPSK	1	1	21.83	21.88	21.86			
Channel				632668	633334	634000	3590.02	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	21.79	21.91	21.80	22.5	MPR (dB)	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01	22.5	MPR (dB)	
70	QPSK	1	1	21.79	21.87	21.81			
Channel				632000	633334	634668	3580.02	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	21.84	21.83	21.76	22.5	MPR (dB)	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	22.5	MPR (dB)	
50	QPSK	1	1	21.76	21.84	21.76			
Channel				631334	633334	635334	3470.01	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	21.73	21.84	21.83	22.5	MPR (dB)	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	22.5	MPR (dB)	
30	QPSK	1	1	21.82	21.83	21.83			
Channel				630834	633334	635834	3462.51	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	21.73	21.89	21.76	22.5	MPR (dB)	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	22.5	0.0	
20	QPSK	1	1	21.74	21.90	21.79			
Channel				630500	633334	636168	21.5	0.0	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	21.79	21.85	21.87	22.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01	22.5	MPR (dB)	
10	QPSK	1	1	21.83	21.92	21.79			

Part96 n77&78 PC3 Default Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	3600	3624.99 3649.98	
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	12.88	12.99	12.80	14.0	0.0	
100	PI/2 BPSK	1	137	12.81	12.92	12.82			
100	PI/2 BPSK	1	271	12.85	12.88	12.87	14.0	0.0	
100	PI/2 BPSK	135	0	12.86	12.92	12.84			
100	PI/2 BPSK	135	69	12.91	12.96	12.89	14.0	0.0	
100	PI/2 BPSK	135	138	12.82	12.96	12.85			
100	PI/2 BPSK	270	0	12.87	12.96	12.83	14.0	0.0	
100	QPSK	1	1	12.95	13.02	12.93			
100	QPSK	1	137	12.81	12.97	12.86	14.0	0.0	
100	QPSK	1	271	12.89	12.89	12.81			
100	QPSK	135	0	12.83	12.88	12.80	14.0	0.0	
100	QPSK	135	69	12.85	12.96	12.87			
100	QPSK	135	138	12.88	12.89	12.83	14.0	0.0	
100	QPSK	270	0	12.84	12.92	12.90			
100	16QAM	1	1	12.82	12.99	12.85	14.0	0.0	
100	64QAM	1	1	12.82	12.89	12.89			
100	256QAM	1	1	12.87	12.94	12.84	3695.02	0.0	
Channel				639668	641666	643666			
Frequency (MHz)				3595.02	3624.99	3654.99	14.0	0.0	
90	QPSK	1	1	12.90	12.95	12.82			
Channel				639334	641666	644000	3590.01	0.0	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	12.91	12.96	12.82	14.0	0.0	
Channel				639000	641666	644332			
Frequency (MHz)				3585	3624.99	3664.98	14.0	0.0	
70	QPSK	1	1	12.91	12.92	12.83			
Channel				638668	641666	644666	3580.02	0.0	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	12.86	12.90	12.84	14.0	0.0	
Channel				638334	641666	645000			
Frequency (MHz)				3575.01	3624.99	3675	14.0	0.0	
50	QPSK	1	1	12.88	12.96	12.79			
Channel				638000	641666	645332	3570	0.0	
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	12.83	12.94	12.89	14.0	0.0	
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99	14.0	0.0	
30	QPSK	1	1	12.89	12.92	12.79			
Channel				637334	641666	646000	12.81	12.90	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	12.81	12.90	12.84	14.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	24.13	24.21	24.07		
100	1/2 BPSK	1	137	24.25	24.35	24.16	25.5	0.0
100	1/2 BPSK	1	271	24.21	24.37	24.21		
100	1/2 BPSK	135	0	23.91	24.06	23.82	25.0	0.5
100	1/2 BPSK	135	69	24.20	24.29	24.20	25.5	0.0
100	1/2 BPSK	135	138	23.85	24.04	23.83	25.0	0.5
100	1/2 BPSK	270	0	23.94	24.02	23.91		
100	QPSK	1	1	24.41	24.45	24.31		
100	QPSK	1	137	24.29	24.36	24.18	25.5	0.0
100	QPSK	1	271	24.30	24.39	24.17		
100	QPSK	135	0	23.36	23.51	23.30	24.5	1.0
100	QPSK	135	69	24.31	24.38	24.32	25.5	0.0
100	QPSK	135	138	23.44	23.50	23.34	24.5	1.0
100	QPSK	270	0	23.14	23.29	23.18		
100	16QAM	1	1	23.15	23.26	23.16	24.5	1.0
100	64QAM	1	1	21.45	21.55	21.41	23.0	2.5
100	256QAM	1	1	19.61	19.68	19.62	21.0	4.5
Channel				649668	650000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.33	24.32	24.23	25.5	0.0
Channel				649334	650000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.30	24.36	24.21	25.5	0.0
Channel				649000	650000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.30	24.42	24.19	25.5	0.0
Channel				648668	650000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.27	24.37	24.23	25.5	0.0
Channel				648334	650000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.29	24.40	24.19	25.5	0.0
Channel				648000	650000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.32	24.33	24.25	25.5	0.0
Channel				647668	650000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.29	24.31	24.20	25.5	0.0
Channel				647334	650000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.26	24.40	24.20	25.5	0.0
Channel				647334	650000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.33	24.42	24.18	25.5	0.0
Channel				647168	650000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.35	24.38	24.27	25.5	0.0
Channel				647000	650000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.36	24.32	24.26	25.5	0.0

Part27Q n77 Default Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		24.17			
100	1/2 BPSK	1	137		24.13		25.5	0.0
100	1/2 BPSK	1	271		24.04			
100	1/2 BPSK	135	0		23.84		25.0	0.5
100	1/2 BPSK	135	69		24.06		25.5	0.0
100	1/2 BPSK	135	138		23.72		25.0	0.5
100	1/2 BPSK	270	0		23.73			
100	QPSK	1	1		24.48			
100	QPSK	1	137		24.41		25.5	0.0
100	QPSK	1	271		24.41			
100	QPSK	135	0		23.48		24.5	1.0
100	QPSK	135	69		24.35		25.5	0.0
100	QPSK	135	138		23.44		24.5	1.0
100	QPSK	270	0		23.36			
100	16QAM	1	1		23.18		24.5	1.0
100	64QAM	1	1		21.63		23.0	2.5
100	256QAM	1	1		19.96		21.0	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.33	24.37	24.28	25.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.33	24.41	24.26	25.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.30	24.44	24.25	25.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.27	24.43	24.29	25.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.34	24.36	24.30	25.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.24	24.44	24.24	25.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.27	24.36	24.32	25.5	0.0
Channel				630668	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.25	24.38	24.30	25.5	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.27	24.36	24.24	25.5	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.30	24.41	24.22	25.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.33	24.43	24.24	25.5	0.0

Part270 n78 Default Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	1/2 BPSK	1	1		24.17		25.5	0.0
100	1/2 BPSK	1	137		24.21			
100	1/2 BPSK	1	271		24.17			
100	1/2 BPSK	135	0		23.72		25.0	0.5
100	1/2 BPSK	135	69		24.12		25.5	0.0
100	1/2 BPSK	135	138		23.86		25.0	0.5
100	1/2 BPSK	270	0		23.87		25.0	
100	QPSK	1	1		24.57			
100	QPSK	1	137		24.56		25.5	0.0
100	QPSK	1	271		24.55			
100	QPSK	135	0		23.56		24.5	1.0
100	QPSK	135	69		24.53		25.5	0.0
100	QPSK	135	138		23.58		24.5	1.0
100	QPSK	270	0		23.45			
100	16QAM	1	1		23.43		24.5	1.0
100	64QAM	1	1		21.71		23.0	2.5
100	256QAM	1	1		20.03		21.0	4.5
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.40	24.52	24.33	25.5	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.44	24.47	24.35	25.5	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.44	24.47	24.38	25.5	0.0
Channel				648668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.37	24.50	24.32	25.5	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.39	24.50	24.40	25.5	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.39	24.53	24.38	25.5	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.37	24.52	24.34	25.5	0.0
Channel				647334	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.45	24.53	24.34	25.5	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.38	24.51	24.36	25.5	0.0
Channel				647168	650000	652834		
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.47	24.47	24.34	25.5	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.42	24.52	24.34	25.5	0.0

Part27Q n78 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		24.08				
100	PI/2 BPSK	1	137		24.26		25.5	0.0	
100	PI/2 BPSK	1	271		24.17				
100	PI/2 BPSK	135	0		23.72		25.0	0.5	
100	PI/2 BPSK	135	69		24.22		25.5	0.0	
100	PI/2 BPSK	135	138		23.81		25.0	0.5	
100	PI/2 BPSK	270	0		23.80				
100	QPSK	1	1		24.42				
100	QPSK	1	137		24.40		25.5	0.0	
100	QPSK	1	271		24.41				
100	QPSK	135	0		23.54		24.5	1.0	
100	QPSK	135	69		24.22		25.5	0.0	
100	QPSK	135	138		23.56		24.5	1.0	
100	QPSK	270	0		23.33				
100	16QAM	1	1		23.06		24.5	1.0	
100	64QAM	1	1		23.0		23.0	2.5	
100	256QAM	1	1		19.73		21.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	24.38	24.28	24.36	25.5	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	24.33	24.34	24.30	25.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	24.33	24.35	24.28	25.5	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	24.37	24.35	24.28	25.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	24.33	24.34	24.31	25.5	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	24.34	24.28	24.28	25.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	24.28	24.38	24.34	25.5	0.0	
Channel				630334	633334	635934			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	24.39	24.35	24.36	25.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	24.38	24.36	24.27	25.5	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	24.30	24.27	24.29	25.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	24.33	24.33	24.35	25.5	0.0	

Part96 n77&78 PC3 Default Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000		641666	643332		
Frequency (MHz)				3600		3624.99	3649.98		
100	PI/2 BPSK	1	1		12.77	12.88	12.88		
100	PI/2 BPSK	1	137		12.83	12.88	12.78	14.0	
100	PI/2 BPSK	1	271		12.85	12.87	12.83		
100	PI/2 BPSK	135	0		12.87	12.91	12.78	14.0	
100	PI/2 BPSK	135	69		12.82	12.87	12.81	14.0	
100	PI/2 BPSK	135	138		12.84	12.86	12.78	14.0	
100	PI/2 BPSK	270	0		12.75	12.88	12.85		
100	QPSK	1	1		12.89	12.95	12.91		
100	QPSK	1	137		12.81	12.82	12.79	14.0	
100	QPSK	1	271		12.83	12.82	12.80		
100	QPSK	135	0		12.81	12.92	12.80	14.0	
100	QPSK	135	69		12.85	12.93	12.79	14.0	
100	QPSK	135	138		12.81	12.84	12.87	14.0	
100	QPSK	270	0		12.75	12.90	12.81		
100	16QAM	1	1		12.87	12.92	12.79	14.0	
100	64QAM	1	1		12.85	12.83	12.87	14.0	
100	256QAM	1	1		12.81	12.91	12.89	14.0	
Channel				639668	641666	643666			
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	12.86	12.90	12.85	14.0	0.0	
Channel				639334	641666	644000			
Frequency (MHz)				3590.01	3624.99	3650			
80	QPSK	1	1	12.85	12.82	12.86	14.0	0.0	
Channel				639000	641666	644332			
Frequency (MHz)				3585	3624.99	3654.98			
70	QPSK	1	1	12.83	12.82	12.79	14.0	0.0	
Channel				638668	641666	644666			
Frequency (MHz)				3580.02	3624.99	3659.99			
60	QPSK	1	1	12.86	12.92	12.83	14.0	0.0	
Channel				638334	641666	645000			
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	12.85	12.89	12.78	14.0	0.0	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	12.86	12.91	12.82	14.0	0.0	
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3654.99			
30	QPSK	1	1	12.75	12.89	12.78	14.0	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3660			
20	QPSK	1	1	12.79	12.84	12.80	14.0	0.0	

Part270 n77 Default Ant 8

BW [MHz]	Modulation	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	1/2 BPSK	1	1	21.53	21.59	21.35		
100	1/2 BPSK	1	137	21.38	21.48	21.18	23.0	0.0
100	1/2 BPSK	1	271	21.41	21.49	21.24		
100	1/2 BPSK	135	0	20.97	21.10	20.78	22.5	0.5
100	1/2 BPSK	135	69	21.40	21.49	21.20	23.0	0.0
100	1/2 BPSK	135	138	20.94	21.09	20.76		
100	1/2 BPSK	270	0	21.04	21.07	20.73	22.5	0.5
100	QPSK	1	1	22.04	22.10	21.85		
100	QPSK	1	137	21.86	21.99	21.65	23.0	0.0
100	QPSK	1	271	21.94	22.06	21.73		
100	QPSK	135	0	21.00	21.09	20.85	22.0	1.0
100	QPSK	135	69	21.74	21.85	21.52	23.0	0.0
100	QPSK	135	138	21.01	21.07	20.83		
100	QPSK	270	0	20.63	20.69	20.36	22.0	1.0
100	16QAM	1	1	20.44	20.49	20.21	22.0	1.0
100	64QAM	1	1	18.76	18.88	18.56	20.5	2.5
100	256QAM	1	1	17.11	17.17	16.83	18.5	4.5
Channel				649668	650000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.99	22.03	21.77	23.0	0.0
Channel				649334	650000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.97	21.98	21.75	23.0	0.0
Channel				649000	650000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.95	21.99	21.73	23.0	0.0
Channel				648668	650000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.00	22.03	21.76	23.0	0.0
Channel				648334	650000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.94	21.96	21.76	23.0	0.0
Channel				648000	650000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.92	21.96	21.78	23.0	0.0
Channel				647668	650000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.92	22.02	21.71	23.0	0.0
Channel				647500	650000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.89	22.01	21.74	23.0	0.0
Channel				647334	650000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.01	21.96	21.73	23.0	0.0
Channel				647168	650000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.94	22.04	21.76	23.0	0.0
Channel				647000	650000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.90	22.00	21.78	23.0	0.0

Part27Q n77 Default Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		22.54			
100	1/2 BPSK	1	137		22.44		23.0	0.0
100	1/2 BPSK	1	271		22.45			
100	1/2 BPSK	135	0		22.08		22.5	0.5
100	1/2 BPSK	135	69		22.50		23.0	0.0
100	1/2 BPSK	135	138		22.05			
100	1/2 BPSK	270	0		22.06		22.5	0.5
100	QPSK	1	1		22.57			
100	QPSK	1	137		22.47		23.0	0.0
100	QPSK	1	271		22.50			
100	QPSK	135	0		21.62		22.0	1.0
100	QPSK	135	69		22.45		23.0	0.0
100	QPSK	135	138		21.60			
100	QPSK	270	0		21.66		22.0	1.0
100	16QAM	1	1		21.68		22.0	1.0
100	64QAM	1	1		19.83		20.5	2.5
100	256QAM	1	1		18.14		18.5	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.39	22.52	22.35	23.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.32	22.46	22.35	23.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.30	22.44	22.35	23.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.39	22.54	22.43	23.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.40	22.52	22.38	23.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.36	22.43	22.42	23.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.38	22.46	22.41	23.0	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.39	22.44	22.34	23.0	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.31	22.53	22.43	23.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.39	22.42	22.42	23.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.40	22.49	22.38	23.0	0.0

Part270 n78 Default Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	1/2 BPSK	1	1		22.17		23.0	0.0
100	1/2 BPSK	1	137		22.08			
100	1/2 BPSK	1	271		22.02			
100	1/2 BPSK	135	0		21.67		22.5	0.5
100	1/2 BPSK	135	69		22.12		23.0	0.0
100	1/2 BPSK	135	138		21.63			
100	1/2 BPSK	270	0		21.71		22.5	0.5
100	QPSK	1	1		22.21			
100	QPSK	1	137		22.06		23.0	0.0
100	QPSK	1	271		22.12			
100	QPSK	135	0		21.23			
100	QPSK	135	69		21.06		23.0	1.0
100	QPSK	135	138		21.17		22.0	0.0
100	QPSK	270	0		20.87		22.0	1.0
100	16QAM	1	1		20.79		22.0	1.0
100	64QAM	1	1		19.56		20.5	2.5
100	256QAM	1	1		17.75		18.5	4.5
Channel				649668	650000	650334	tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.17	22.08	22.16	23.0	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02	tune-up limit	MPR (dB)
80	QPSK	1	1	22.11	22.11	22.06	23.0	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765	tune-up limit	MPR (dB)
70	QPSK	1	1	22.17	22.16	22.09	23.0	0.0
Channel				648668	650000	651334	tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01	tune-up limit	MPR (dB)
60	QPSK	1	1	22.17	22.13	22.17	23.0	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02	tune-up limit	MPR (dB)
50	QPSK	1	1	22.10	22.10	22.08	23.0	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780	tune-up limit	MPR (dB)
40	QPSK	1	1	22.16	22.18	22.11	23.0	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01	tune-up limit	MPR (dB)
30	QPSK	1	1	22.08	22.13	22.17	23.0	0.0
Channel				647500	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5	tune-up limit	MPR (dB)
25	QPSK	1	1	22.07	22.07	22.10	23.0	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02	tune-up limit	MPR (dB)
20	QPSK	1	1	22.14	22.08	22.11	23.0	0.0
Channel				647168	650000	652834		
Frequency (MHz)				3707.52	3750	3792.51	tune-up limit	MPR (dB)
15	QPSK	1	1	22.14	22.11	22.06	23.0	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795	tune-up limit	MPR (dB)
10	QPSK	1	1	22.14	22.08	22.07	23.0	0.0

Part27Q n78 Default Ant 8												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				633334			23.0	0.0				
Frequency (MHz)				3500.01								
100	PI/2 BPSK	1	1		22.46		23.0	0.0				
100	PI/2 BPSK	1	137		22.31							
100	PI/2 BPSK	1	271		22.40							
100	PI/2 BPSK	135	0		21.95		22.5	0.5				
100	PI/2 BPSK	135	69		22.32							
100	PI/2 BPSK	135	138		22.02							
100	PI/2 BPSK	270	0		21.98		22.5	0.5				
100	QPSK	1	1		22.65							
100	QPSK	1	137		22.58					23.0	0.0	
100	QPSK	1	271		22.57							
100	QPSK	135	0		21.63		22.0	1.0				
100	QPSK	135	69		22.48							
100	QPSK	135	138		21.61					23.0	1.0	
100	QPSK	270	0		21.52							
100	16QAM	1	1		21.41		22.0	1.0				
100	64QAM	1	1		19.58					20.5	2.5	
100	256QAM	1	1		18.03							
Channel				6333000	633334	633668	23.0	MPR (dB)				
Frequency (MHz)				3495	3500.01	3505.02						
90	QPSK	1	1	22.45	22.56	22.53	23.0	0.0				
Channel				632668	633334	634000	23.0	MPR (dB)				
Frequency (MHz)				3490.02	3500.01	3510						
80	QPSK	1	1	22.44	22.58	22.44	23.0	0.0				
Channel				632334	633334	634334	23.0	MPR (dB)				
Frequency (MHz)				3485.01	3500.01	3515.01						
70	QPSK	1	1	22.45	22.61	22.48	23.0	0.0				
Channel				632000	633334	634668	23.0	MPR (dB)				
Frequency (MHz)				3480	3500.01	3520.02						
60	QPSK	1	1	22.48	22.54	22.49	23.0	0.0				
Channel				631668	633334	635000	23.0	MPR (dB)				
Frequency (MHz)				3475.02	3500.01	3525						
50	QPSK	1	1	22.47	22.57	22.49	23.0	0.0				
Channel				631334	633334	635334	23.0	MPR (dB)				
Frequency (MHz)				3470.01	3500.01	3530.01						
40	QPSK	1	1	22.39	22.54	22.44	23.0	0.0				
Channel				631000	633334	635668	23.0	MPR (dB)				
Frequency (MHz)				3465	3500.01	3535.02						
30	QPSK	1	1	22.45	22.55	22.47	23.0	0.0				
Channel				630834	633334	635834	23.0	MPR (dB)				
Frequency (MHz)				3462.51	3500.01	3537.51						
25	QPSK	1	1	22.44	22.53	22.50	23.0	0.0				
Channel				630668	633334	636000	23.0	MPR (dB)				
Frequency (MHz)				3460.02	3500.01	3540						
20	QPSK	1	1	22.39	22.57	22.51	23.0	0.0				
Channel				630500	633334	636168	23.0	MPR (dB)				
Frequency (MHz)				3457.5	3500.01	3542.52						
15	QPSK	1	1	22.41	22.58	22.52	23.0	0.0				
Channel				630334	633334	636334	23.0	MPR (dB)				
Frequency (MHz)				3455.01	3500.01	3545.01						
10	QPSK	1	1	22.42	22.60	22.47	23.0	0.0				

Part96 n77&78 PC3 Default Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	14.0	0.0	
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	12.77	12.90	12.82	14.0	0.0	
100	PI/2 BPSK	1	137	12.84	12.79	12.80			
100	PI/2 BPSK	1	271	12.83	12.85	12.78			
100	PI/2 BPSK	135	0	12.77	12.81	12.79	14.0	0.0	
100	PI/2 BPSK	135	69	12.84	12.79	12.79	14.0	0.0	
100	PI/2 BPSK	135	138	12.82	12.86	12.75	14.0	0.0	
100	PI/2 BPSK	270	0	12.78	12.81	12.78	14.0	0.0	
100	QPSK	1	1	12.88	12.93	12.86			
100	QPSK	1	137	12.80	12.81	12.79			
100	QPSK	1	271	12.79	12.89	12.75	14.0	0.0	
100	QPSK	135	0	12.84	12.87	12.73			
100	QPSK	135	69	12.84	12.88	12.81			
100	QPSK	135	138	12.82	12.86	12.81	14.0	0.0	
100	QPSK	270	0	12.77	12.80	12.76	14.0	0.0	
100	16QAM	1	1	12.78	12.84	12.78	14.0	0.0	
100	64QAM	1	1	12.75	12.80	12.76	14.0	0.0	
100	256QAM	1	1	12.76	12.88	12.79	14.0	0.0	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99	14.0	0.0	
90	QPSK	1	1	12.79	12.82	12.76	14.0	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660	14.0	0.0	
80	QPSK	1	1	12.82	12.86	12.82	14.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98	14.0	0.0	
70	QPSK	1	1	12.85	12.81	12.77	14.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99	14.0	0.0	
60	QPSK	1	1	12.84	12.88	12.76	14.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675	14.0	0.0	
50	QPSK	1	1	12.79	12.86	12.83	14.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3624.99	14.0	0.0	
40	QPSK	1	1	12.84	12.82	12.80	14.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99	14.0	0.0	
30	QPSK	1	1	12.84	12.84	12.83	14.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690	14.0	0.0	
20	QPSK	1	1	12.84	12.82	12.82	14.0	0.0	

Reduced Power Mode for DSI 0&1

n5 DSI 0&DSI 1 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	23.67	23.75	23.67			
20	1/2 BPSK	1	53	23.71	23.72	23.63	24.5	0.0	
20	1/2 BPSK	1	104	23.72	23.78	23.59			
20	1/2 BPSK	50	0	23.35	23.33	23.21	24.0	0.5	
20	1/2 BPSK	50	28	23.75	23.72	23.64	24.5	0.0	
20	1/2 BPSK	50	56	23.26	23.35	23.27			
20	1/2 BPSK	100	0	23.27	23.36	23.27	24.0	0.5	
20	QPSK	1	1	23.79	23.84	23.71			
20	QPSK	1	53	23.68	23.71	23.59	24.5	0.0	
20	QPSK	1	104	23.72	23.80	23.63			
20	QPSK	50	0	22.86	22.88	22.76	23.5	1.0	
20	QPSK	50	28	23.72	23.78	23.65	24.5	0.0	
20	QPSK	50	56	22.75	22.81	22.70			
20	QPSK	100	0	22.72	22.75	22.74	23.5	1.0	
20	16QAM	1	1	22.76	22.85	22.72	23.5	1.0	
20	64QAM	1	1	20.97	21.04	20.90	22.0	2.5	
20	256QAM	1	1	19.46	19.58	19.46	20.0	4.5	
Channel				166300	167300	168300	tune-up limit	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.71	23.78	23.57	24.5	0.0	
Channel				165800	167300	168800	tune-up limit	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.70	23.70	23.57	24.5	0.0	
Channel				165300	167300	169300	tune-up limit	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.65	23.77	23.62	24.5	0.0	

n71 DSI 0&DSI 1 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	1/2 BPSK	1	1	23.69	23.76	23.75			
20	1/2 BPSK	1	53	23.63	23.62	23.65	24.5	0.0	
20	1/2 BPSK	1	104	23.56	23.63	23.65			
20	1/2 BPSK	50	0	23.20	23.24	23.29	24.0	0.5	
20	1/2 BPSK	50	28	23.56	23.68	23.60	24.5	0.0	
20	1/2 BPSK	50	56	23.21	23.22	23.28			
20	1/2 BPSK	100	0	23.24	23.29	23.23	24.0	0.5	
20	QPSK	1	1	23.71	23.80	23.73			
20	QPSK	1	53	23.57	23.70	23.67	24.5	0.0	
20	QPSK	1	104	23.61	23.73	23.62			
20	QPSK	50	0	22.70	22.78	22.77	23.5	1.0	
20	QPSK	50	28	23.51	23.62	23.49	24.5	0.0	
20	QPSK	50	56	22.53	22.53	22.41			
20	QPSK	100	0	22.56	22.65	22.55	23.5	1.0	
20	16QAM	1	1	22.82	22.86	22.75	23.5	1.0	
20	64QAM	1	1	20.77	20.82	20.68	22.0	2.5	
20	256QAM	1	1	19.13	19.25	19.21	20.0	4.5	
Channel				134100	136100	138100	tune-up limit	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	23.72	23.76	23.57	24.5	0.0	
Channel				133600	136100	138600	tune-up limit	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.69	23.77	23.62	24.5	0.0	
Channel				133100	136100	139100	tune-up limit	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.72	23.78	23.63	24.5	0.0	

n41 DSI 0&DSI 1 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	21.76	21.79	21.60	23.0	0.0
100	1/2 BPSK	1	137	21.70	21.72	21.66		
100	1/2 BPSK	1	271	21.77	21.76	21.65		
100	1/2 BPSK	135	0	21.69	21.73	21.67	23.0	0.0
100	1/2 BPSK	135	69	21.76	21.74	21.67	23.0	0.0
100	1/2 BPSK	135	138	21.71	21.76	21.68	23.0	0.0
100	1/2 BPSK	270	0	21.77	21.73	21.62		
100	QPSK	1	1	21.79	21.81	21.60		
100	QPSK	1	137	21.78	21.74	21.70	23.0	0.0
100	QPSK	1	271	21.76	21.71	21.66		
100	QPSK	135	0	21.69	21.77	21.69	23.0	0.0
100	QPSK	135	69	21.77	21.78	21.63	23.0	0.0
100	QPSK	135	138	21.72	21.74	21.59		
100	QPSK	270	0	21.70	21.73	21.70	23.0	0.0
100	16QAM	1	1	21.74	21.78	21.60	23.0	0.0
100	64QAM	1	1	20.31	20.26	20.10	21.5	1.5
100	256QAM	1	1	18.28	18.31	18.15	19.5	3.5
Channel				508200	518598	528996	tune up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.67	21.65	21.44	23.0	0.0
Channel				507204	518598	529998	tune up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.66	21.76	21.46	23.0	0.0
Channel				506202	518598	531000	tune up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.71	21.76	21.50	23.0	0.0
Channel				505200	518598	531996	tune up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.72	21.73	21.45	23.0	0.0
Channel				504204	518598	532998	tune up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.72	21.77	21.44	23.0	0.0
Channel				503202	518598	534000	tune up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.73	21.70	21.53	23.0	0.0
Channel				502200	518598	534996	tune up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.67	21.72	21.54	23.0	0.0
Channel				501204	518598	535998	tune up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.73	21.67	21.43	23.0	0.0
Channel				500100	518598	536996	tune up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.73	21.70	21.52	23.0	0.0
Channel				500202	518598	537000	tune up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.71	21.72	21.47	23.0	0.0

n2 DSI 0&DSI 1 Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	1/2 BPSK	1	1	20.07	20.04	19.92	21.0	0.0	
20	1/2 BPSK	1	53	20.05	20.10	19.93			
20	1/2 BPSK	1	104	20.14	20.14	20.02			
20	1/2 BPSK	50	0	20.11	20.09	20.02	21.0	0.0	
20	1/2 BPSK	50	28	20.12	20.08	19.94	21.0	0.0	
20	1/2 BPSK	50	56	20.12	20.07	19.93			
20	1/2 BPSK	100	0	20.08	20.12	19.99	21.0	0.0	
20	QPSK	1	1	20.12	20.17	19.97			
20	QPSK	1	53	20.04	20.03	19.99	21.0	0.0	
20	QPSK	1	104	20.04	20.10	19.92			
20	QPSK	50	0	20.10	20.13	19.91	21.0	0.0	
20	QPSK	50	28	20.11	20.15	19.92	21.0	0.0	
20	QPSK	50	56	20.10	20.06	19.92			
20	QPSK	100	0	20.10	20.12	19.94	21.0	0.0	
20	16QAM	1	1	20.09	20.05	19.97	21.0	0.0	
20	64QAM	1	1	20.12	20.05	19.96	21.0	0.0	
20	256QAM	1	1	19.11	19.12	19.03	20.0	1.0	
Channel				371500	376000	380500	↑ tune up limit	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	20.04	20.03	19.85	21.0	0.0	
Channel				371000	376000	381000	↑ tune up limit	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	19.99	20.05	19.81	21.0	0.0	
Channel				370500	376000	381500	↑ tune up limit	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	20.02	20.02	19.82	21.0	0.0	

n66 DSI 0&DSI 1 Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	1/2 BPSK	1	1	20.23	20.21	20.15			
40	1/2 BPSK	1	108	20.23	20.36	20.16	21.0	0.0	
40	1/2 BPSK	1	214	20.37	20.39	20.26			
40	1/2 BPSK	108	0	20.36	20.27	20.23	21.0	0.0	
40	1/2 BPSK	108	54	20.32	20.27	20.13	21.0	0.0	
40	1/2 BPSK	108	108	20.33	20.31	20.18			
40	1/2 BPSK	216	0	20.25	20.35	20.18	21.0	0.0	
40	QPSK	1	1	20.30	20.43	20.11			
40	QPSK	1	108	20.25	20.28	20.16			
40	QPSK	1	214	20.18	20.26	20.10	21.0	0.0	
40	QPSK	108	0	20.34	20.27	20.09	21.0	0.0	
40	QPSK	108	54	20.28	20.39	20.09	21.0	0.0	
40	QPSK	108	108	20.26	20.22	20.12			
40	QPSK	216	0	20.32	20.37	20.18	21.0	0.0	
40	16QAM	1	1	20.31	20.23	20.12	21.0	0.0	
40	64QAM	1	1	20.27	20.26	20.15	21.0	0.0	
40	256QAM	1	1	19.29	19.33	19.29	20.0	1.0	
Channel				345000	349000	353000	↑ tune up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	20.23	20.37	20.06	21.0	0.0	
Channel				344500	349000	353500	↑ tune up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	20.17	20.31	20.05	21.0	0.0	
Channel				344000	349000	354000	↑ tune up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	20.25	20.28	20.06	21.0	0.0	
Channel				343500	349000	354500	↑ tune up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	20.22	20.29	20.01	21.0	0.0	
Channel				343000	349000	355000	↑ tune up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.19	20.34	20.03	21.0	0.0	
Channel				342500	349000	355500	↑ tune up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	20.18	20.33	19.98	21.0	0.0	

Part27O n77 DSI 0&DSI 1 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	19.14	19.26	19.20		
100	1/2 BPSK	1	137	19.15	19.19	19.19	20.0	0.0
100	1/2 BPSK	1	271	19.13	19.21	19.17		
100	1/2 BPSK	135	0	19.10	19.29	19.20	20.0	0.0
100	1/2 BPSK	135	69	19.16	19.24	19.20	20.0	0.0
100	1/2 BPSK	135	138	19.08	19.27	19.19	20.0	0.0
100	1/2 BPSK	270	0	19.07	19.19	19.23		
100	QPSK	1	1	19.09	19.35	19.27		
100	QPSK	1	137	19.07	19.21	19.27	20.0	0.0
100	QPSK	1	271	19.16	19.21	19.18		
100	QPSK	135	0	19.06	19.22	19.17	20.0	0.0
100	QPSK	135	69	19.11	19.29	19.19	20.0	0.0
100	QPSK	135	138	19.12	19.28	19.18	20.0	0.0
100	QPSK	270	0	19.18	19.23	19.21	20.0	0.0
100	16QAM	1	1	19.11	19.19	19.28	20.0	0.0
100	64QAM	1	1	19.11	19.19	19.28	20.0	0.0
100	256QAM	1	1	19.13	19.23	19.27	20.0	0.0
Channel				649668	656000	662334	up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.97	19.12	19.20	20.0	0.0
Channel				649334	656000	662668	up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.03	19.13	19.12	20.0	0.0
Channel				649000	656000	663000	up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.95	19.12	19.19	20.0	0.0
Channel				648668	656000	663334	up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.03	19.16	19.17	20.0	0.0
Channel				648334	656000	663668	up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.02	19.18	19.20	20.0	0.0
Channel				648000	656000	664000	up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.99	19.17	19.15	20.0	0.0
Channel				647668	656000	664334	up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.99	19.17	19.16	20.0	0.0
Channel				647500	656000	664500	up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.03	19.12	19.14	20.0	0.0
Channel				647334	656000	664668	up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.04	19.12	19.19	20.0	0.0
Channel				647168	656000	664834	up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.01	19.17	19.19	20.0	0.0
Channel				647000	656000	665000	up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.02	19.11	19.16	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		19.17			
100	1/2 BPSK	1	137		19.12		20.0	0.0
100	1/2 BPSK	1	271		19.06			
100	1/2 BPSK	135	0		19.22		20.0	0.0
100	1/2 BPSK	135	69		19.11		20.0	0.0
100	1/2 BPSK	135	138		19.22		20.0	0.0
100	1/2 BPSK	270	0		19.12			
100	QPSK	1	1		19.26			
100	QPSK	1	137		19.07		20.0	0.0
100	QPSK	1	271		19.12			
100	QPSK	135	0		19.14		20.0	0.0
100	QPSK	135	69		19.24		20.0	0.0
100	QPSK	135	138		19.13		20.0	0.0
100	QPSK	270	0		19.19		20.0	0.0
100	16QAM	1	1		19.10		20.0	0.0
100	64QAM	1	1		19.11		20.0	0.0
100	256QAM	1	1		19.15		20.0	0.0
Channel				633000	633334	633668	up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.10	19.16	19.12	20.0	0.0
Channel				632668	633334	634000	up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.10	19.11	19.18	20.0	0.0
Channel				632334	633334	634334	up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.11	19.12	19.11	20.0	0.0
Channel				632000	633334	634668	up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.11	19.21	19.12	20.0	0.0
Channel				631668	633334	635000	up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.18	19.15	19.17	20.0	0.0
Channel				631334	633334	635334	up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.20	19.12	19.16	20.0	0.0
Channel				631000	633334	635668	up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.15	19.19	19.17	20.0	0.0
Channel				630834	633334	635834	up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.22	19.20	19.20	20.0	0.0
Channel				630668	633334	636000	up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.20	19.10	19.21	20.0	0.0
Channel				630500	633334	636168	up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.20	19.20	19.11	20.0	0.0
Channel				630334	633334	636334	up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.22	19.18	19.10	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		19.21			
100	1/2 BPSK	1	137		19.11		20.0	0.0
100	1/2 BPSK	1	271		19.15			
100	1/2 BPSK	135	0		19.14		20.0	0.0
100	1/2 BPSK	135	69		19.16		20.0	0.0
100	1/2 BPSK	135	138		19.15		20.0	0.0
100	1/2 BPSK	270	0		19.11			
100	QPSK	1	1		19.29			
100	QPSK	1	137		19.07		20.0	0.0
100	QPSK	1	271		19.09			
100	QPSK	135	0		19.15		20.0	0.0
100	QPSK	135	69		19.23		20.0	0.0
100	QPSK	135	138		19.21		20.0	0.0
100	QPSK	270	0		19.10		20.0	0.0
100	16QAM	1	1		19.07		20.0	0.0
100	64QAM	1	1		19.13		20.0	0.0
100	256QAM	1	1		19.14		20.0	0.0
Channel				649668	650000	650334	up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.17	19.17	19.17	20.0	0.0
Channel				649334	650000	650668	up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.23	19.19	19.15	20.0	0.0
Channel				649000	650000	651000	up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.17	19.14	19.23	20.0	0.0
Channel				648668	650000	651334	up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.13	19.25	19.16	20.0	0.0
Channel				648334	650000	651668	up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.22	19.21	19.25	20.0	0.0
Channel				648000	650000	652000	up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.19	19.24	19.24	20.0	0.0
Channel				647668	650000	652334	up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.15	19.24	19.22	20.0	0.0
Channel				647500	650000	652500	up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.22	19.13	19.25	20.0	0.0
Channel				647334	650000	652668	up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.14	19.21	19.21	20.0	0.0
Channel				647168	650000	652834	up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.19	19.17	19.22	20.0	0.0
Channel				647000	650000	653000	up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.23	19.15	19.23	20.0	0.0

Part27Q n78 DSI 0&DSI 1 Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI/2 BPSK	1	1		19.17		20.0	0.0	
100	PI/2 BPSK	1	137		19.03				
100	PI/2 BPSK	1	271		19.02		20.0	0.0	
100	PI/2 BPSK	135	0		19.04				
100	PI/2 BPSK	135	69		19.08		20.0	0.0	
100	PI/2 BPSK	135	138		19.06				
100	PI/2 BPSK	270	0		19.06		20.0	0.0	
100	QPSK	1	1		19.21				
100	QPSK	1	137		18.96		20.0	0.0	
100	QPSK	1	271		19.00				
100	QPSK	135	0		19.02		20.0	0.0	
100	QPSK	135	69		19.12				
100	QPSK	135	138		19.11		20.0	0.0	
100	QPSK	270	0		18.97				
100	16QAM	1	1		18.92		20.0	0.0	
100	64QAM	1	1		19.06				
100	256QAM	1	1		19.08		20.0	0.0	
Channel				6333000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	19.08	19.10	19.11	20.0	0.0	
Channel				632668	633334	634000	3490.02		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	19.09	19.12	19.10	20.0	0.0	
Channel				632334	633334	634334	3485.01		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	19.04	19.07	19.00	20.0	0.0	
Channel				632000	633334	634668	3480		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	19.09	19.00	19.01	20.0	0.0	
Channel				631668	633334	635000	3475.02		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	19.05	19.03	19.09	20.0	0.0	
Channel				631334	633334	635334	3470.01		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	19.08	19.01	19.01	20.0	0.0	
Channel				631000	633334	635668	3465		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	19.01	19.08	19.10	20.0	0.0	
Channel				630834	633334	635834	3462.51		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	19.05	19.11	19.02	20.0	0.0	
Channel				630668	633334	636000	3460.02		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	19.09	19.01	19.11	20.0	0.0	
Channel				630500	633334	636168	3457.5		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	19.10	19.11	19.08	20.0	0.0	
Channel				630334	633334	636334	3455.01		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	19.03	19.00	19.06	20.0	0.0	

Part96 n77&78 PC3 DSI 0&DSI 1 Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	20.0	0.0	
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	18.68	18.80	18.73	20.0	0.0	
100	PI/2 BPSK	1	137	18.68	18.69	18.69			
100	PI/2 BPSK	1	271	18.57	18.75	18.63			
100	PI/2 BPSK	135	0	18.57	18.84	18.74	20.0	0.0	
100	PI/2 BPSK	135	69	18.67	18.76	18.68	20.0	0.0	
100	PI/2 BPSK	135	138	18.57	18.79	18.68	20.0	0.0	
100	PI/2 BPSK	270	0	18.53	18.65	18.75			
100	QPSK	1	1	18.58	18.88	18.74			
100	QPSK	1	137	18.62	18.74	18.74	20.0	0.0	
100	QPSK	1	271	18.61	18.66	18.64			
100	QPSK	135	0	18.55	18.76	18.64			
100	QPSK	135	69	18.55	18.82	18.72	20.0	0.0	
100	QPSK	135	138	18.57	18.73	18.72	20.0	0.0	
100	QPSK	270	0	18.63	18.76	18.73			
100	16QAM	1	1	18.67	18.70	18.74			
100	64QAM	1	1	18.58	18.64	18.80	20.0	0.0	
100	256QAM	1	1	18.64	18.70	18.75	20.0	0.0	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99	20.0	0.0	
90	QPSK	1	1	18.50	18.74	18.62	20.0	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660	20.0	0.0	
80	QPSK	1	1	18.49	18.81	18.68	20.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98	20.0	0.0	
70	QPSK	1	1	18.54	18.79	18.64	20.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99	20.0	0.0	
60	QPSK	1	1	18.42	18.75	18.66	20.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675	20.0	0.0	
50	QPSK	1	1	18.46	18.83	18.59	20.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3624.99	20.0	0.0	
40	QPSK	1	1	18.46	18.84	18.63	20.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99	20.0	0.0	
30	QPSK	1	1	18.50	18.78	18.68	20.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690	20.0	0.0	
20	QPSK	1	1	18.44	18.81	18.62	20.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	19.59	19.61	19.52		
100	1/2 BPSK	1	137	19.62	19.64	19.58	21.0	0.0
100	1/2 BPSK	1	271	19.64	19.64	19.59		
100	1/2 BPSK	135	0	19.66	19.64	19.50	21.0	0.0
100	1/2 BPSK	135	69	19.67	19.62	19.50	21.0	0.0
100	1/2 BPSK	135	138	19.58	19.65	19.60		
100	1/2 BPSK	270	0	19.56	19.69	19.59	21.0	0.0
100	QPSK	1	1	19.56	19.73	19.54		
100	QPSK	1	137	19.57	19.67	19.60	21.0	0.0
100	QPSK	1	271	19.63	19.64	19.53		
100	QPSK	135	0	19.63	19.64	19.59	21.0	0.0
100	QPSK	135	69	19.58	19.71	19.53	21.0	0.0
100	QPSK	135	138	19.55	19.67	19.58		
100	QPSK	270	0	19.62	19.69	19.54	21.0	0.0
100	16QAM	1	1	19.55	19.65	19.59	21.0	0.0
100	64QAM	1	1	18.53	18.78	18.58	20.0	1.0
100	256QAM	1	1	16.52	16.74	16.54	18.0	3.0
Channel				649668	650000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.51	19.62	19.47	21.0	0.0
Channel				649334	650000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.45	19.66	19.48	21.0	0.0
Channel				649000	650000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.50	19.60	19.45	21.0	0.0
Channel				648668	650000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.49	19.67	19.44	21.0	0.0
Channel				648334	650000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.49	19.64	19.45	21.0	0.0
Channel				648000	650000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.48	19.64	19.49	21.0	0.0
Channel				647668	650000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.45	19.61	19.49	21.0	0.0
Channel				647500	650000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.44	19.67	19.40	21.0	0.0
Channel				647334	650000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.43	19.61	19.41	21.0	0.0
Channel				647168	650000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.49	19.64	19.43	21.0	0.0
Channel				647000	650000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.47	19.58	19.50	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					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		20.47			
100	1/2 BPSK	1	137		20.51		21.0	0.0
100	1/2 BPSK	1	271		20.44			
100	1/2 BPSK	135	0		20.44		21.0	0.0
100	1/2 BPSK	135	69		20.42		21.0	0.0
100	1/2 BPSK	135	138		20.46			
100	1/2 BPSK	270	0		20.47		21.0	0.0
100	QPSK	1	1		20.53			
100	QPSK	1	137		20.46		21.0	0.0
100	QPSK	1	271		20.40			
100	QPSK	135	0		20.43		21.0	0.0
100	QPSK	135	69		20.45		21.0	0.0
100	QPSK	135	138		20.42			
100	QPSK	270	0		20.50		21.0	0.0
100	16QAM	1	1		20.44		21.0	0.0
100	64QAM	1	1		19.51		20.0	1.0
100	256QAM	1	1		17.53		18.0	3.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.41	20.39	20.39	21.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.43	20.39	20.43	21.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.47	20.46	20.39	21.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.48	20.45	20.45	21.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.43	20.47	20.45	21.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.37	20.47	20.44	21.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.44	20.41	20.46	21.0	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.39	20.40	20.37	21.0	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.43	20.43	20.37	21.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.46	20.47	20.45	21.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.38	20.37	20.39	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		19.47			
100	1/2 BPSK	1	137		19.53		21.0	0.0
100	1/2 BPSK	1	271		19.51			
100	1/2 BPSK	135	0		19.56		21.0	0.0
100	1/2 BPSK	135	69		19.47		21.0	0.0
100	1/2 BPSK	135	138		19.51			
100	1/2 BPSK	270	0		19.62		21.0	0.0
100	QPSK	1	1		19.69			
100	QPSK	1	137		19.63		21.0	0.0
100	QPSK	1	271		19.50			
100	QPSK	135	0		19.53		21.0	0.0
100	QPSK	135	69		19.61		21.0	0.0
100	QPSK	135	138		19.59			
100	QPSK	270	0		19.59		21.0	0.0
100	16QAM	1	1		19.56		21.0	0.0
100	64QAM	1	1		18.66		20.0	1.0
100	256QAM	1	1		16.66		18.0	3.0
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.58	19.55	19.62	21.0	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.55	19.62	19.54	21.0	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.60	19.59	19.62	21.0	0.0
Channel				648668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.60	19.64	19.54	21.0	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.61	19.61	19.62	21.0	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.58	19.58	19.57	21.0	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.63	19.64	19.64	21.0	0.0
Channel				647500	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.55	19.55	19.58	21.0	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.56	19.61	19.62	21.0	0.0
Channel				647168	650000	652834		
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.64	19.61	19.56	21.0	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.56	19.62	19.56	21.0	0.0

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BW [MHz]	Modulat ^{on}	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI/2 BPSK	1	1	20.33			21.0	0.0	
100	PI/2 BPSK	1	137	20.44					
100	PI/2 BPSK	1	271	20.38			21.0	0.0	
100	PI/2 BPSK	135	0	20.37					
100	PI/2 BPSK	135	69	20.29			21.0	0.0	
100	PI/2 BPSK	135	138	20.42					
100	PI/2 BPSK	270	0	20.34			21.0	0.0	
100	QPSK	1	1	20.45					
100	QPSK	1	137	20.30			21.0	0.0	
100	QPSK	1	271	20.24					
100	QPSK	135	0	20.30			21.0	0.0	
100	QPSK	135	69	20.43					
100	QPSK	135	138	20.34			21.0	0.0	
100	QPSK	270	0	20.40					
100	16QAM	1	1	20.30			21.0	0.0	
100	64QAM	1	1	19.45					
100	256QAM	1	1	17.44			18.0	3.0	
Channel				633300	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02	21.0	0.0	
90	QPSK	1	1	20.31	20.25	20.36			
Channel				632668	633334	634000	3490.02	3510	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	20.32	20.37	20.30	21.0	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3465.01	3500.01	3515.01	21.0	0.0	
70	QPSK	1	1	20.34	20.29	20.29			
Channel				632000	633334	634668	3480	3500.01	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	20.38	20.29	20.35	21.0	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	21.0	0.0	
50	QPSK	1	1	20.34	20.29	20.36			
Channel				631334	633334	635334	3470.01	3500.01	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	20.30	20.34	20.31	21.0	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	21.0	0.0	
30	QPSK	1	1	20.36	20.25	20.34			
Channel				630834	633334	635834	3462.51	3500.01	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	20.35	20.30	20.31	21.0	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	21.0	0.0	
20	QPSK	1	1	20.27	20.31	20.33			
Channel				630500	633334	636168	3457.5	3500.01	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	20.29	20.26	20.32	21.0	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01	21.0	0.0	
10	QPSK	1	1	20.27	20.26	20.26			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	3600	3624.99 3649.98	
Frequency (MHz)									
100	PI/2 BPSK	1	1	19.92	19.87	19.85	21.0	0.0	
100	PI/2 BPSK	1	137	19.93	19.98	19.84			
100	PI/2 BPSK	1	271	19.90	19.92	19.88			
100	PI/2 BPSK	135	0	19.94	19.95	19.81	21.0	0.0	
100	PI/2 BPSK	135	69	20.03	19.97	19.82	21.0	0.0	
100	PI/2 BPSK	135	138	19.88	19.98	19.89	21.0	0.0	
100	PI/2 BPSK	270	0	19.83	20.01	19.84			
100	QPSK	1	1	19.83	20.05	19.86			
100	QPSK	1	137	19.86	19.98	19.84	21.0	0.0	
100	QPSK	1	271	19.95	19.97	19.86			
100	QPSK	135	0	19.89	19.92	19.92			
100	QPSK	135	69	19.83	20.02	19.85	21.0	0.0	
100	QPSK	135	138	19.90	19.91	19.88	21.0	0.0	
100	QPSK	270	0	19.88	19.94	19.88			
100	16QAM	1	1	19.84	19.91	19.91			
100	64QAM	1	1	18.78	19.07	18.84	20.0	1.0	
100	256QAM	1	1	16.78	17.08	16.90	18.0	3.0	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99	19.73	19.73	
90	QPSK	1	1	19.73	19.88	19.77			
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660	21.0	0.0	
80	QPSK	1	1	19.79	19.95	19.73			
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98	21.0	0.0	
70	QPSK	1	1	19.68	19.98	19.70			
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99	21.0	0.0	
60	QPSK	1	1	19.72	19.88	19.77			
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675	21.0	0.0	
50	QPSK	1	1	19.67	19.97	19.72			
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3624.99	21.0	0.0	
40	QPSK	1	1	19.69	19.87	19.70			
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	19.72	19.95	19.73	21.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690	21.0	0.0	
20	QPSK	1	1	19.71	19.90	19.77			
Channel				637000	641666	646332			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				50500	50700	50900		
Frequency (MHz)				2525	2535	2545		
50	1/2 BPS	1	1	20.75	20.81	20.80		
50	1/2 BPS	1	135	20.74	20.87	20.87	21.5	0.0
50	1/2 BPS	1	268	20.80	20.88	20.82		
50	1/2 BPS	135	0	20.81	20.86	20.81	21.5	0.0
50	1/2 BPS	135	68	20.74	20.85	20.79	21.5	0.0
50	1/2 BPS	135	135	20.73	20.79	20.81	21.5	0.0
50	1/2 BPS	270	0	20.72	20.87	20.81		
50	QPSK	1	1	20.73	20.91	20.85		
50	QPSK	1	135	20.76	20.82	20.76	21.5	0.0
50	QPSK	1	268	20.71	20.77	20.80		
50	QPSK	135	0	20.72	20.80	20.81	21.5	0.0
50	QPSK	135	68	20.70	20.86	20.81	21.5	0.0
50	QPSK	135	135	20.73	20.80	20.78		
50	QPSK	270	0	20.81	20.83	20.80	21.5	0.0
50	16QAM	1	1	20.81	20.78	20.86	21.5	0.0
50	64QAM	1	1	20.69	20.79	20.78	21.5	0.0
50	256QAM	1	1	19.29	19.30	19.38	20.0	1.5
Channel				50400	50700	51000	tune up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.64	20.74	20.75	21.5	0.0
Channel				50300	50700	51100	tune up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.58	20.74	20.77	21.5	0.0
Channel				50250	50700	51150	tune up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.65	20.68	20.80	21.5	0.0
Channel				50200	50700	51200	tune up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	1/2 BPS	1	1	20.66	20.77	20.75	21.5	0.0
Channel				50150	50700	51250	tune up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.66	20.79	20.71	21.5	0.0
Channel				50100	50700	51300	tune up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.61	20.76	20.71	21.5	0.0
Channel				50050	50700	51350	tune up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.65	20.74	20.71	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				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	20.68	20.73	20.55			
40	1/2 BPSK	1	53	20.65	20.67	20.54	21.5	0.0	
40	1/2 BPSK	1	104	20.66	20.67	20.50			
40	1/2 BPSK	50	0	20.66	20.72	20.50	21.5	0.0	
40	1/2 BPSK	50	23	20.63	20.65	20.51	21.5	0.0	
40	1/2 BPSK	50	58	20.57	20.68	20.48			
40	1/2 BPSK	100	0	20.58	20.68	20.57	21.5	0.0	
40	QPSK	1	1	20.59	20.78	20.63			
40	QPSK	1	53	20.61	20.76	20.53	21.5	0.0	
40	QPSK	1	104	20.56	20.73	20.58			
40	QPSK	50	0	20.59	20.73	20.51	21.5	0.0	
40	QPSK	50	28	20.59	20.75	20.44	21.5	0.0	
40	QPSK	50	56	20.67	20.57	20.54			
40	QPSK	100	0	20.59	20.67	20.51	21.5	0.0	
40	16QAM	1	1	20.62	20.62	20.59	21.5	0.0	
40	64QAM	1	1	20.73	20.76	20.62	21.5	0.0	
40	256QAM	1	1	19.03	19.14	19.07	20.0	1.5	
Channel				517002	519000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	20.52	20.60	20.54	21.5	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	20.51	20.70	20.51	21.5	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	20.54	20.64	20.48	21.5	0.0	
Channel				512004	518000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	20.50	20.61	20.54	21.5	0.0	

n41 DSI 0&DSI 1 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	20.77	20.78	20.70			
100	1/2 BPSK	1	137	20.71	20.72	20.64	21.5	0.0	
100	1/2 BPSK	1	271	20.75	20.77	20.63			
100	1/2 BPSK	135	0	20.75	20.80	20.63	21.5	0.0	
100	1/2 BPSK	135	69	20.78	20.80	20.66	21.5	0.0	
100	1/2 BPSK	135	138	20.73	20.83	20.64			
100	1/2 BPSK	270	0	20.69	20.74	20.63	21.5	0.0	
100	QPSK	1	1	20.69	20.89	20.68			
100	QPSK	1	137	20.71	20.83	20.62	21.5	0.0	
100	QPSK	1	271	20.71	20.80	20.71			
100	QPSK	135	0	20.75	20.80	20.65	21.5	0.0	
100	QPSK	135	69	20.70	20.85	20.60	21.5	0.0	
100	QPSK	135	138	20.72	20.72	20.67	21.5	0.0	
100	QPSK	270	0	20.72	20.73	20.63			
100	16QAM	1	1	20.69	20.72	20.66	21.5	0.0	
100	64QAM	1	1	20.78	20.80	20.70	21.5	0.0	
100	256QAM	1	1	19.13	19.29	19.19	20.0	1.5	
Channel				508200	518598	528996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	20.62	20.70	20.58	21.5	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	20.60	20.76	20.52	21.5	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	20.61	20.68	20.56	21.5	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	20.64	20.73	20.52	21.5	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	20.53	20.78	20.58	21.5	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	20.63	20.78	20.54	21.5	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	20.55	20.78	20.62	21.5	0.0	
Channel				501204	518598	535996			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	20.61	20.68	20.52	21.5	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	20.61	20.74	20.59	21.5	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	20.64	20.76	20.64	21.5	0.0	

n41 HPUE DSI 0&DSI 1 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	23.10	23.77	23.50			
100	1/2 BPSK	1	137	23.08	23.74	23.44	24.5	0.0	
100	1/2 BPSK	1	271	23.10	23.72	23.49			
100	1/2 BPSK	135	0	23.09	23.77	23.45	24.5	0.0	
100	1/2 BPSK	135	69	23.04	23.75	23.45	24.5	0.0	
100	1/2 BPSK	135	138	23.03	23.77	23.45			
100	1/2 BPSK	270	0	23.06	23.70	23.54	24.5	0.0	
100	QPSK	1	1	23.07	23.79	23.51			
100	QPSK	1	137	23.01	23.72	23.49	24.5	0.0	
100	QPSK	1	271	23.03	23.70	23.44			
100	QPSK	135	0	23.12	23.70	23.53	24.5	0.0	
100	QPSK	135	69	23.01	23.76	23.50	24.5	0.0	
100	QPSK	135	138	23.01	23.73	23.51			
100	QPSK	270	0	23.10	23.73	23.45	24.5	0.0	
100	16QAM	1	1	23.11	23.74	23.51	24.5	0.0	
100	64QAM	1	1	23.00	23.73	23.51	24.5	0.0	
100	256QAM	1	1	21.51	22.30	21.97	23.0	1.5	
Channel				508200	518598	528996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	22.99	23.71	23.45	24.5	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	23.00	23.65	23.46	24.5	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	23.02	23.70	23.46	24.5	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.93	23.64	23.38	24.5	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	22.95	23.74	23.37	24.5	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.99	23.67	23.40	24.5	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	22.94	23.63	23.41	24.5	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	23.00	23.67	23.44	24.5	0.0	
Channel				500700	518598	536996			
Frequency (MHz)				2501.5	2592.99	2684.98			
15	QPSK	1	1	23.00	23.64	23.30	24.5	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	22.96	23.72	23.36	24.5	0.0	

Part270 n77 DSI 0&DSI 1 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	19.91	19.90	19.78	21.0		
100	1/2 BPSK	1	137	19.92	19.98	19.82			
100	1/2 BPSK	1	271	19.89	19.92	19.76			
100	1/2 BPSK	135	0	19.86	19.99	19.83	21.0	0.0	
100	1/2 BPSK	135	69	19.90	19.92	19.85	21.0	0.0	
100	1/2 BPSK	135	138	19.88	19.98	19.87	21.0		
100	1/2 BPSK	270	0	19.92	19.93	19.83			
100	QPSK	1	1	19.88	20.05	19.81			
100	QPSK	1	137	19.88	19.95	19.76	21.0	0.0	
100	QPSK	1	271	19.92	19.90	19.75	21.0		
100	QPSK	135	0	19.95	19.98	19.81			
100	QPSK	135	69	19.87	20.03	19.86			
100	QPSK	135	138	19.90	19.90	19.77	21.0	0.0	
100	QPSK	270	0	19.95	20.00	19.80	21.0		
100	16QAM	1	1	19.89	19.92	19.83			
100	64QAM	1	1	19.90	19.94	19.78			
100	256QAM	1	1	19.86	20.01	19.79	21.0	0.0	
Channel				649668	656000	662334	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.79	19.88	19.85	21.0	0.0	
Channel				649334	656000	662668	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	19.82	19.91	19.86	21.0	0.0	
Channel				649000	656000	663000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.78	19.93	19.77	21.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	19.73	19.87	19.70	21.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	19.73	19.87	19.68	21.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.80	19.85	19.66	21.0	0.0	
Channel				647668	656000	664334	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	19.79	19.90	19.73	21.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	19.76	19.85	19.67	21.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	19.81	19.96	19.73	21.0	0.0	
Channel				647168	656000	664834	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.82	19.89	19.75	21.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.74	19.95	19.71	21.0	0.0	

Part27Q n77 DSI 0&DSI 1 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1	19.80			21.0	0.0	
100	1/2 BPSK	1	137	19.86					
100	1/2 BPSK	1	271	19.87					
100	1/2 BPSK	135	0	19.93			21.0	0.0	
100	1/2 BPSK	135	69	19.77			21.0	0.0	
100	1/2 BPSK	135	138	19.87			21.0	0.0	
100	1/2 BPSK	270	0	19.85					
100	QPSK	1	1	20.01					
100	QPSK	1	137	19.84			21.0	0.0	
100	QPSK	1	271	19.82			21.0	0.0	
100	QPSK	135	0	19.89					
100	QPSK	135	69	19.97					
100	QPSK	135	138	19.76			21.0	0.0	
100	QPSK	270	0	19.85			21.0	0.0	
100	16QAM	1	1	19.82					
100	64QAM	1	1	19.89					
100	256QAM	1	1	19.85			21.0	0.0	
Channel				633000	633334	633668	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	19.89	19.87	19.86	21.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	19.96	19.95	19.89	21.0	0.0	
Channel				632334	633334	634334	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	19.89	19.90	19.85	21.0	0.0	
Channel				632000	633334	634668	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	19.88	19.92	19.85	21.0	0.0	
Channel				631668	633334	635000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	19.89	19.95	19.91	21.0	0.0	
Channel				631334	633334	635334	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	19.93	19.95	19.90	21.0	0.0	
Channel				631000	633334	635668	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	19.90	19.96	19.88	21.0	0.0	
Channel				630668	633334	635994	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	19.93	19.95	19.92	21.0	0.0	
Channel				630668	633334	636000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	19.89	19.97	19.93	21.0	0.0	
Channel				630500	633334	636168	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	19.94	19.95	19.91	21.0	0.0	
Channel				630334	633334	636334	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	19.90	19.96	19.88	21.0	0.0	

Part270 n78 DSI 0&DSI 1 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPSK	1	1	19.79			21.0	0.0	
100	1/2 BPSK	1	137	19.89					
100	1/2 BPSK	1	271	19.86					
100	1/2 BPSK	135	0	19.89			21.0	0.0	
100	1/2 BPSK	135	69	19.87			21.0	0.0	
100	1/2 BPSK	135	138	19.86			21.0	0.0	
100	1/2 BPSK	270	0	19.87					
100	QPSK	1	1	19.99					
100	QPSK	1	137	19.85			21.0	0.0	
100	QPSK	1	271	19.81			21.0	0.0	
100	QPSK	135	0	19.83					
100	QPSK	135	69	19.96					
100	QPSK	135	138	19.79			21.0	0.0	
100	QPSK	270	0	19.92			21.0	0.0	
100	16QAM	1	1	19.87					
100	64QAM	1	1	19.85			21.0	0.0	
100	256QAM	1	1	19.92			21.0	0.0	
Channel				649668	650000	650334		MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01		Tune-up limit (dB)	
90	QPSK	1	1	19.92	19.96	19.95	21.0	0.0	
Channel				648334	650000	650666		MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02		Tune-up limit (dB)	
80	QPSK	1	1	19.90	19.95	19.90	21.0	0.0	
Channel				648000	650000	651000		Tune-up limit (dB)	
70	QPSK	1	1	19.86	19.90	19.91	21.0	0.0	
Channel				648668	650000	651334		Tune-up limit (dB)	
Frequency (MHz)				3730.02	3750	3770.01		MPR (dB)	
60	QPSK	1	1	19.87	19.95	19.94	21.0	0.0	
Channel				648334	650000	651668		Tune-up limit (dB)	
Frequency (MHz)				3725.01	3750	3775.02		MPR (dB)	
50	QPSK	1	1	19.88	19.88	19.92	21.0	0.0	
Channel				648000	650000	652000		Tune-up limit (dB)	
Frequency (MHz)				3720	3750	3780		MPR (dB)	
40	QPSK	1	1	19.93	19.91	19.84	21.0	0.0	
Channel				647668	650000	652334		Tune-up limit (dB)	
Frequency (MHz)				3715.02	3750	3785.01		MPR (dB)	
30	QPSK	1	1	19.94	19.83	19.89	21.0	0.0	
Channel				647500	650000	652500		Tune-up limit (dB)	
Frequency (MHz)				3712.5	3750	3787.5		MPR (dB)	
25	QPSK	1	1	19.93	19.88	19.84	21.0	0.0	
Channel				647334	650000	652668		Tune-up limit (dB)	
Frequency (MHz)				3710.01	3750	3790.02		MPR (dB)	
20	QPSK	1	1	19.91	19.83	19.92	21.0	0.0	
Channel				647168	650000	652834		Tune-up limit (dB)	
Frequency (MHz)				3707.52	3750	3792.51		MPR (dB)	
15	QPSK	1	1	19.92	19.85	19.85	21.0	0.0	
Channel				647000	650000	653000		Tune-up limit (dB)	
Frequency (MHz)				3705	3750	3795		MPR (dB)	
10	QPSK	1	1	19.93	19.90	19.90	21.0	0.0	

Part27Q n78 DSI 0&DSI 1 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		19.76				
100	PI/2 BPSK	1	137		19.70		21.0	0.0	
100	PI/2 BPSK	1	271		19.76				
100	PI/2 BPSK	135	0		19.86		21.0	0.0	
100	PI/2 BPSK	135	69		19.67		21.0	0.0	
100	PI/2 BPSK	135	138		19.80				
100	PI/2 BPSK	270	0		19.78		21.0	0.0	
100	QPSK	1	1		19.88				
100	QPSK	1	137		19.77		21.0	0.0	
100	QPSK	1	271		19.77				
100	QPSK	135	0		19.83		21.0	0.0	
100	QPSK	135	69		19.85		21.0	0.0	
100	QPSK	135	138		19.68		21.0	0.0	
100	QPSK	270	0		19.75				
100	16QAM	1	1		19.76		21.0	0.0	
100	64QAM	1	1		19.82		21.0	0.0	
100	256QAM	1	1		19.74		21.0	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	19.73	19.73	19.75	21.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	19.78	19.73	19.72	21.0	0.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	19.77	19.74	19.78	21.0	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	19.80	19.73	19.79	21.0	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	19.72	19.69	19.79	21.0	0.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	19.72	19.81	19.70	21.0	0.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	19.79	19.69	19.79	21.0	0.0	
Channel				630668	633334	635994	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	19.76	19.77	19.75	21.0	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	19.78	19.74	19.71	21.0	0.0	
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	19.75	19.80	19.76	21.0	0.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	19.78	19.76	19.74	21.0	0.0	

Part96 n77&78 PC3 DSI 0&DSI 1 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	19.35	19.45	19.26			
100	PI/2 BPSK	1	137	19.34	19.45	19.32	21.0	0.0	
100	PI/2 BPSK	1	271	19.41	19.49	19.33			
100	PI/2 BPSK	135	0	19.41	19.49	19.26	21.0	0.0	
100	PI/2 BPSK	135	69	19.44	19.45	19.31	21.0	0.0	
100	PI/2 BPSK	135	138	19.41	19.47	19.36			
100	PI/2 BPSK	270	0	19.37	19.42	19.30	21.0	0.0	
100	QPSK	1	1	19.42	19.55	19.29			
100	QPSK	1	137	19.40	19.51	19.27	21.0	0.0	
100	QPSK	1	271	19.37	19.53	19.29			
100	QPSK	135	0	19.36	19.50	19.25	21.0	0.0	
100	QPSK	135	69	19.42	19.53	19.29	21.0	0.0	
100	QPSK	135	138	19.44	19.44	19.33			
100	QPSK	270	0	19.33	19.46	19.34	21.0	0.0	
100	16QAM	1	1	19.37	19.49	19.27	21.0	0.0	
100	64QAM	1	1	19.40	19.54	19.31	21.0	0.0	
100	256QAM	1	1	19.33	19.45	19.25	21.0	0.0	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	19.34	19.34	19.18	21.0	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	19.36	19.35	19.16	21.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	19.28	19.37	19.16	21.0	0.0	
Channel				638668	641666	644668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	19.31	19.40	19.15	21.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	19.32	19.35	19.13	21.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	19.27	19.38	19.17	21.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	19.35	19.33	19.14	21.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	19.38	19.34	19.23	21.0	0.0	

n41 DSI 0&DSI 1 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	22.38	22.43	22.38		
100	1/2 BPSK	1	137	22.37	22.43	22.40	24.0	0.0
100	1/2 BPSK	1	271	22.42	22.46	22.33		
100	1/2 BPSK	135	0	22.03	22.01	22.00	23.5	0.5
100	1/2 BPSK	135	69	22.44	22.46	22.38	24.0	0.0
100	1/2 BPSK	135	138	22.02	22.01	21.94		
100	1/2 BPSK	270	0	21.98	21.98	21.95	23.5	0.5
100	QPSK	1	1	22.51	22.54	22.46		
100	QPSK	1	137	22.44	22.40	22.40	24.0	0.0
100	QPSK	1	271	22.45	22.40	22.42		
100	QPSK	135	0	21.50	21.56	21.50	23.0	1.0
100	QPSK	135	69	22.37	22.42	22.41	24.0	0.0
100	QPSK	135	138	21.50	21.51	21.46	23.0	1.0
100	QPSK	270	0	21.53	21.58	21.52		
100	16QAM	1	1	21.48	21.51	21.46	23.0	1.0
100	64QAM	1	1	20.01	20.06	19.98	21.5	2.5
100	256QAM	1	1	18.01	18.02	17.95	19.5	4.5
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.40	22.48	22.38	24.0	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.40	22.43	22.35	24.0	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.43	22.38	22.40	24.0	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.35	22.39	22.35	24.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.42	22.50	22.35	24.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.42	22.48	22.33	24.0	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.40	22.49	22.34	24.0	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.47	22.42	22.37	24.0	0.0
Channel				500700	518598	536996		
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.46	22.47	22.39	24.0	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.37	22.40	22.34	24.0	0.0

n7 DSI 0&DSI 1 Ant 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	1/2 BPS	1	1	23.62	23.77	23.70		
50	1/2 BPS	1	135	23.53	23.68	23.63	24.5	0.0
50	1/2 BPS	1	268	23.51	23.70	23.64		
50	1/2 BPS	135	0	23.17	23.26	23.25	24.0	0.5
50	1/2 BPS	135	68	23.48	23.65	23.60	24.5	0.0
50	1/2 BPS	135	135	23.09	23.31	23.26	24.0	0.5
50	1/2 BPS	270	0	23.18	23.32	23.16		
50	QPSK	1	1	23.55	23.81	23.71		
50	QPSK	1	135	23.50	23.76	23.61	24.5	0.0
50	QPSK	1	268	23.40	23.68	23.67		
50	QPSK	135	0	22.59	22.88	22.70	23.5	1.0
50	QPSK	135	68	23.54	23.62	23.55	24.5	0.0
50	QPSK	135	135	22.60	22.87	22.71		
50	QPSK	270	0	22.52	22.59	22.47	23.5	1.0
50	16QAM	1	1	22.60	22.75	22.64	23.5	1.0
50	64QAM	1	1	21.34	21.41	21.30	22.0	2.5
50	256QAM	1	1	19.41	19.48	19.42	20.0	4.5
Channel				504000	507000	510000	tune up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.48	23.71	23.57	24.5	0.0
Channel				503000	507000	511000	tune up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.47	23.66	23.58	24.5	0.0
Channel				502500	507000	511500	tune up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.44	23.71	23.61	24.5	0.0
Channel				502000	507000	512000	tune up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	1/2 BPS	1	1	23.45	23.72	23.63	24.5	0.0
Channel				501500	507000	512500	tune up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.48	23.77	23.68	24.5	0.0
Channel				501000	507000	513000	tune up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.43	23.68	23.65	24.5	0.0
Channel				500500	507000	513500	tune up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.40	23.70	23.60	24.5	0.0

n41 DSI 0&DSI 1 Ant 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	21.91	21.92	21.82	23.0	0.0
100	1/2 BPSK	1	137	21.82	21.89	21.86		
100	1/2 BPSK	1	271	21.91	21.91	21.86		
100	1/2 BPSK	135	0	21.46	21.46	21.52	22.5	0.5
100	1/2 BPSK	135	69	21.88	21.88	21.81	23.0	0.0
100	1/2 BPSK	135	138	21.41	21.52	21.46	22.5	0.5
100	1/2 BPSK	270	0	21.42	21.53	21.49		
100	QPSK	1	1	21.95	21.98	21.97		
100	QPSK	1	137	21.89	21.86	21.88	23.0	0.0
100	QPSK	1	271	21.83	21.93	21.87		
100	QPSK	135	0	21.00	20.93	20.96	22.0	1.0
100	QPSK	135	69	21.81	21.84	21.81	23.0	0.0
100	QPSK	135	138	20.99	20.99	21.00		
100	QPSK	270	0	20.92	21.00	20.98	22.0	1.0
100	16QAM	1	1	21.01	20.93	20.97	22.0	1.0
100	64QAM	1	1	19.50	19.50	19.49	20.5	2.5
100	256QAM	1	1	17.44	17.53	17.52	18.5	4.5
Channel				508200	518598	528996	tune up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.90	21.94	21.91	23.0	0.0
Channel				507204	518598	529998	tune up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.90	21.86	21.93	23.0	0.0
Channel				506202	518598	531000	tune up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.90	21.92	21.90	23.0	0.0
Channel				505200	518598	531996	tune up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.89	21.86	21.90	23.0	0.0
Channel				504204	518598	532998	tune up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.87	21.84	21.93	23.0	0.0
Channel				503202	518598	534000	tune up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.89	21.92	21.84	23.0	0.0
Channel				502200	518598	534996	tune up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.88	21.89	21.86	23.0	0.0
Channel				501204	518598	535998	tune up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.87	21.84	21.85	23.0	0.0
Channel				500100	518598	536996	tune up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.90	21.92	21.90	23.0	0.0
Channel				500202	518598	537000	tune up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.84	21.92	21.83	23.0	0.0

Reduced Power Mode for DSI 2

n5 Ant 0 DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	23.67	23.75	23.67			
20	1/2 BPSK	1	53	23.71	23.72	23.63	24.5	0.0	
20	1/2 BPSK	1	104	23.72	23.78	23.59			
20	1/2 BPSK	50	0	23.35	23.33	23.21	24.0	0.5	
20	1/2 BPSK	50	28	23.75	23.72	23.64	24.5	0.0	
20	1/2 BPSK	50	56	23.26	23.35	23.27			
20	1/2 BPSK	100	0	23.27	23.36	23.27	24.0	0.5	
20	QPSK	1	1	23.79	23.84	23.71			
20	QPSK	1	53	23.68	23.71	23.59	24.5	0.0	
20	QPSK	1	104	23.72	23.80	23.63			
20	QPSK	50	0	22.86	22.88	22.76	23.5	1.0	
20	QPSK	50	28	23.72	23.78	23.65	24.5	0.0	
20	QPSK	50	56	22.75	22.81	22.70			
20	QPSK	100	0	22.72	22.75	22.74	23.5	1.0	
20	16QAM	1	1	22.76	22.85	22.72	23.5	1.0	
20	64QAM	1	1	20.97	21.04	20.90	22.0	2.5	
20	256QAM	1	1	19.46	19.58	19.46	20.0	4.5	
Channel				166300	167300	168300	tune-up limit	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.71	23.78	23.57	24.5	0.0	
Channel				165800	167300	168800	tune-up limit	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.70	23.70	23.57	24.5	0.0	
Channel				165300	167300	169300	tune-up limit	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.65	23.77	23.62	24.5	0.0	

n71 Ant 0 DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	1/2 BPSK	1	1	22.26	22.34	22.18			
20	1/2 BPSK	1	53	22.19	22.33	22.24	23.0	0.0	
20	1/2 BPSK	1	104	22.24	22.34	22.23			
20	1/2 BPSK	50	0	22.25	22.26	22.24	23.0	0.0	
20	1/2 BPSK	50	28	22.19	22.29	22.24	23.0	0.0	
20	1/2 BPSK	50	56	22.25	22.31	22.24			
20	1/2 BPSK	100	0	22.17	22.32	22.29	23.0	0.0	
20	QPSK	1	1	22.18	22.36	22.27			
20	QPSK	1	53	22.24	22.24	22.23	23.0	0.0	
20	QPSK	1	104	22.23	22.31	22.27			
20	QPSK	50	0	22.18	22.34	22.21	23.0	0.0	
20	QPSK	50	28	22.16	22.35	22.28	23.0	0.0	
20	QPSK	50	56	22.18	22.34	22.25			
20	QPSK	100	0	22.21	22.26	22.18	23.0	0.0	
20	16QAM	1	1	22.21	22.32	22.25	23.0	0.0	
20	64QAM	1	1	21.24	21.29	21.24	22.0	1.0	
20	256QAM	1	1	19.22	19.30	19.18	20.0	3.0	
Channel				134100	136100	138100	tune-up limit	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	22.08	22.20	22.09	23.0	0.0	
Channel				133600	136100	138600	tune-up limit	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	22.13	22.21	22.13	23.0	0.0	
Channel				133100	136100	139100	tune-up limit	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	22.09	22.20	22.17	23.0	0.0	

n41 Ant 0 DSI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	17.17	17.20	17.12		
100	1/2 BPSK	1	137	17.20	17.22	17.14	18.5	0.0
100	1/2 BPSK	1	271	17.20	17.29	17.16		
100	1/2 BPSK	135	0	17.18	17.30	17.17	18.5	0.0
100	1/2 BPSK	135	69	17.22	17.30	17.20	18.5	0.0
100	1/2 BPSK	135	138	17.21	17.26	17.20	18.5	0.0
100	1/2 BPSK	270	0	17.28	17.25	17.12		
100	QPSK	1	1	17.27	17.31	17.25		
100	QPSK	1	137	17.21	17.20	17.14	18.5	0.0
100	QPSK	1	271	17.17	17.21	17.10		
100	QPSK	135	0	17.24	17.23	17.26	18.5	0.0
100	QPSK	135	69	17.25	17.29	17.16	18.5	0.0
100	QPSK	135	138	17.28	17.24	17.10		
100	QPSK	270	0	17.24	17.27	17.23	18.5	0.0
100	16QAM	1	1	17.22	17.21	17.10	18.5	0.0
100	64QAM	1	1	17.19	17.22	17.14	18.5	0.0
100	256QAM	1	1	17.21	17.19	17.12	18.5	0.0
Channel				508200	518598	528996	tune up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.13	17.18	17.00	18.5	0.0
Channel				507204	518598	529998	tune up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.12	17.15	17.10	18.5	0.0
Channel				506202	518598	531000	tune up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.10	17.17	17.00	18.5	0.0
Channel				505200	518598	531996	tune up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.09	17.12	17.08	18.5	0.0
Channel				504204	518598	532998	tune up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.11	17.13	16.99	18.5	0.0
Channel				503202	518598	534000	tune up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.12	17.11	17.07	18.5	0.0
Channel				502200	518598	534996	tune up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.13	17.20	17.08	18.5	0.0
Channel				501204	518598	535998	tune up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.13	17.18	17.01	18.5	0.0
Channel				500200	518598	536996	tune up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.16	17.19	17.03	18.5	0.0
Channel				500202	518598	537000	tune up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.17	17.16	17.10	18.5	0.0

n2 Ant 2 DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	1/2 BPSK	1	1	19.11	19.07	19.00	20.0	0.0	
20	1/2 BPSK	1	53	19.03	19.07	18.97			
20	1/2 BPSK	1	104	19.07	19.14	18.96			
20	1/2 BPSK	50	0	19.07	19.14	18.92	20.0	0.0	
20	1/2 BPSK	50	28	19.11	19.10	18.97	20.0	0.0	
20	1/2 BPSK	50	56	19.04	19.10	19.02	20.0	0.0	
20	1/2 BPSK	100	0	19.08	19.10	18.97			
20	QPSK	1	1	19.13	19.15	19.09			
20	QPSK	1	53	19.03	19.06	18.93	20.0	0.0	
20	QPSK	1	104	19.03	19.08	18.99			
20	QPSK	50	0	19.09	19.10	18.96	20.0	0.0	
20	QPSK	50	28	19.06	19.13	19.08	20.0	0.0	
20	QPSK	50	56	19.02	19.07	19.02			
20	QPSK	100	0	19.11	19.12	19.03	20.0	0.0	
20	16QAM	1	1	19.05	19.12	19.00	20.0	0.0	
20	64QAM	1	1	19.06	19.10	18.99	20.0	0.0	
20	256QAM	1	1	19.03	19.12	19.01	20.0	0.0	
Channel				371500	376000	380500	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	19.04	18.98	18.85	20.0	0.0	
Channel				371000	376000	381000	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	19.03	19.00	18.91	20.0	0.0	
Channel				370500	376000	381500	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	18.99	18.98	18.88	20.0	0.0	

n66 Ant 2 DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	1/2 BPSK	1	1	18.66	18.75	18.72			
40	1/2 BPSK	1	108	18.76	18.73	18.73	19.5	0.0	
40	1/2 BPSK	1	214	18.68	18.77	18.78			
40	1/2 BPSK	108	0	18.71	18.81	18.77	19.5	0.0	
40	1/2 BPSK	108	54	18.77	18.72	18.71	19.5	0.0	
40	1/2 BPSK	108	108	18.70	18.75	18.75	19.5	0.0	
40	1/2 BPSK	216	0	18.73	18.72	18.79			
40	QPSK	1	1	18.76	18.83	18.79			
40	QPSK	1	108	18.77	18.81	18.75	19.5	0.0	
40	QPSK	1	214	18.67	18.80	18.71			
40	QPSK	108	0	18.69	18.73	18.70	19.5	0.0	
40	QPSK	108	54	18.74	18.81	18.75	19.5	0.0	
40	QPSK	108	108	18.67	18.70	18.69	19.5	0.0	
40	QPSK	216	0	18.66	18.80	18.71			
40	16QAM	1	1	18.67	18.73	18.70	19.5	0.0	
40	64QAM	1	1	18.69	18.74	18.79	19.5	0.0	
40	256QAM	1	1	18.69	18.70	18.70	19.5	0.0	
Channel				345000	349000	353000	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	18.63	18.63	18.60	19.5	0.0	
Channel				344500	349000	353500	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	18.57	18.70	18.62	19.5	0.0	
Channel				344000	349000	354000	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	18.57	18.63	18.66	19.5	0.0	
Channel				343500	349000	354500	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	18.59	18.62	18.70	19.5	0.0	
Channel				343000	349000	355000	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	18.65	18.69	18.65	19.5	0.0	
Channel				342500	349000	355500	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	18.58	18.67	18.60	19.5	0.0	

Part270 n77 Ant 2 DSI 2

BW [MHz]	Modulation	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	1/2 BPSK	1	1	17.71	17.70	17.70		
100	1/2 BPSK	1	137	17.75	17.73	17.74	18.5	0.0
100	1/2 BPSK	1	271	17.75	17.74	17.75		
100	1/2 BPSK	135	0	17.75	17.70	17.69	18.5	0.0
100	1/2 BPSK	135	69	17.72	17.70	17.68	18.5	0.0
100	1/2 BPSK	135	138	17.64	17.72	17.76	18.5	0.0
100	1/2 BPSK	270	0	17.64	17.78	17.74		
100	QPSK	1	1	17.77	17.80	17.75		
100	QPSK	1	137	17.74	17.69	17.67	18.5	0.0
100	QPSK	1	271	17.74	17.70	17.74		
100	QPSK	135	0	17.70	17.72	17.73	18.5	0.0
100	QPSK	135	69	17.73	17.78	17.74	18.5	0.0
100	QPSK	135	138	17.70	17.72	17.77	18.5	0.0
100	QPSK	270	0	17.70	17.77	17.74		
100	16QAM	1	1	17.70	17.69	17.78	18.5	0.0
100	64QAM	1	1	17.66	17.76	17.76	18.5	0.0
100	256QAM	1	1	17.68	17.78	17.70	18.5	0.0
Channel				649668	650000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.50	17.65	17.64	18.5	0.0
Channel				649334	650000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.55	17.68	17.67	18.5	0.0
Channel				649000	650000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.53	17.69	17.65	18.5	0.0
Channel				648668	650000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.57	17.58	17.61	18.5	0.0
Channel				648334	650000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.48	17.68	17.60	18.5	0.0
Channel				648000	650000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.46	17.64	17.65	18.5	0.0
Channel				647668	650000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.53	17.59	17.68	18.5	0.0
Channel				647500	650000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.55	17.69	17.59	18.5	0.0
Channel				647334	650000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.50	17.60	17.58	18.5	0.0
Channel				647168	650000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.46	17.66	17.65	18.5	0.0
Channel				647000	650000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.57	17.59	17.68	18.5	0.0

Part27Q n77 Ant 2 DSI 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		17.72			
100	1/2 BPSK	1	137		17.73		18.5	0.0
100	1/2 BPSK	1	271		17.73			
100	1/2 BPSK	135	0		17.76		18.5	0.0
100	1/2 BPSK	135	69		17.70		18.5	0.0
100	1/2 BPSK	135	138		17.73		18.5	0.0
100	1/2 BPSK	270	0		17.74			
100	QPSK	1	1		17.83			
100	QPSK	1	137		17.73		18.5	0.0
100	QPSK	1	271		17.79			
100	QPSK	135	0		17.73		18.5	0.0
100	QPSK	135	69		17.77		18.5	0.0
100	QPSK	135	138		17.72		18.5	0.0
100	QPSK	270	0		17.80			
100	16QAM	1	1		17.76		18.5	0.0
100	64QAM	1	1		17.75		18.5	0.0
100	256QAM	1	1		17.78		18.5	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.63	17.61	17.61	18.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.58	17.68	17.66	18.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.50	17.61	17.63	18.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.64	17.65	17.57	18.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.58	17.69	17.60	18.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.67	17.63	17.58	18.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.59	17.69	17.57	18.5	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.61	17.62	17.60	18.5	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.62	17.60	17.65	18.5	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.61	17.60	17.58	18.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.67	17.66	17.57	18.5	0.0

Part27O n78 Ant 2 DSI 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		17.79			
100	1/2 BPSK	1	137		17.74		18.5	0.0
100	1/2 BPSK	1	271		17.79			
100	1/2 BPSK	135	0		17.78		18.5	0.0
100	1/2 BPSK	135	69		17.76		18.5	0.0
100	1/2 BPSK	135	138		17.80		18.5	0.0
100	1/2 BPSK	270	0		17.76			
100	QPSK	1	1		17.82			
100	QPSK	1	137		17.78		18.5	0.0
100	QPSK	1	271		17.78			
100	QPSK	135	0		17.75		18.5	0.0
100	QPSK	135	69		17.79		18.5	0.0
100	QPSK	135	138		17.76		18.5	0.0
100	QPSK	270	0		17.77			
100	16QAM	1	1		17.81		18.5	0.0
100	64QAM	1	1		17.78		18.5	0.0
100	256QAM	1	1		17.76		18.5	0.0
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.64	17.73	17.69	18.5	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.69	17.73	17.74	18.5	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.74	17.85	17.73	18.5	0.0
Channel				648668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.72	17.75	17.68	18.5	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.65	17.66	17.70	18.5	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.64	17.67	17.71	18.5	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.66	17.65	17.63	18.5	0.0
Channel				647500	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.73	17.72	17.70	18.5	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.73	17.73	17.71	18.5	0.0

Part27Q n78 Ant 2 DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			18.5	0.0	
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1	17.54			18.5	0.0	
100	1/2 BPSK	1	137	17.57					
100	1/2 BPSK	1	271	17.59			18.5	0.0	
100	1/2 BPSK	135	0	17.62					
100	1/2 BPSK	135	69	17.54			18.5	0.0	
100	1/2 BPSK	135	138	17.58					
100	1/2 BPSK	270	0	17.51			18.5	0.0	
100	QPSK	1	1	17.65					
100	QPSK	1	137	17.53			18.5	0.0	
100	QPSK	1	271	17.52					
100	QPSK	135	0	17.63			18.5	0.0	
100	QPSK	135	69	17.54					
100	QPSK	135	138	17.53			18.5	0.0	
100	QPSK	270	0	17.56					
100	16QAM	1	1	17.51			18.5	0.0	
100	64QAM	1	1	17.52					
100	256QAM	1	1	17.57			18.5	0.0	
Channel				633000	633334	633668		18.5	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	17.43	17.49	17.47	18.5	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510	18.5	0.0	
80	QPSK	1	1	17.44	17.47	17.45		18.5	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01	18.5	0.0	
70	QPSK	1	1	17.49	17.45	17.47		18.5	
Channel				632000	633334	634668	18.5	0.0	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	17.52	17.44	17.44	18.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	18.5	0.0	
50	QPSK	1	1	17.52	17.45	17.42		18.5	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01	18.5	0.0	
40	QPSK	1	1	17.49	17.48	17.52		18.5	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	18.5	0.0	
30	QPSK	1	1	17.46	17.47	17.50		18.5	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51	18.5	0.0	
25	QPSK	1	1	17.41	17.53	17.52		18.5	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	18.5	0.0	
20	QPSK	1	1	17.51	17.46	17.44		18.5	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52	18.5	0.0	
15	QPSK	1	1	17.45	17.49	17.49		18.5	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01	18.5	0.0	
10	QPSK	1	1	17.49	17.52	17.41		18.5	

Part96 n77&78 PC3 Ant2 DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	18.5	0.0	
Frequency (MHz)				3600	3624.99	3648.98			
100	PI/2 BPSK	1	1	16.92	17.06	17.03	18.5	0.0	
100	PI/2 BPSK	1	137	16.88	17.10	17.02			
100	PI/2 BPSK	1	271	16.92	17.03	16.99	18.5	0.0	
100	PI/2 BPSK	135	0	16.90	17.09	17.00			
100	PI/2 BPSK	135	69	16.91	17.11	17.00	18.5	0.0	
100	PI/2 BPSK	135	138	16.95	17.03	17.00			
100	PI/2 BPSK	270	0	16.91	17.05	17.02	18.5	0.0	
100	QPSK	1	1	17.05	17.13	17.11			
100	QPSK	1	137	16.92	17.05	17.07			
100	QPSK	1	271	16.94	17.07	17.03	18.5	0.0	
100	QPSK	135	0	16.88	17.06	17.03			
100	QPSK	135	69	16.98	17.09	17.03	18.5	0.0	
100	QPSK	135	138	16.94	17.05	17.08			
100	QPSK	270	0	17.05	17.08	17.02	18.5	0.0	
100	16QAM	1	1	16.94	17.02	17.06			
100	64QAM	1	1	16.87	17.10	17.03			
100	256QAM	1	1	16.86	17.03	16.99	18.5	0.0	
Channel				639668	641666	643666			
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	16.74	16.96	16.96	18.5	0.0	
Channel				639334	641666	644000			
Frequency (MHz)				3590.01	3624.99	3660	18.5	0.0	
80	QPSK	1	1	16.76	16.97	16.95			
Channel				639000	641666	644332			
Frequency (MHz)				3585	3624.99	3664.98	18.5	0.0	
70	QPSK	1	1	16.81	17.00	16.99			
Channel				638668	641666	644666			
Frequency (MHz)				3580.02	3624.99	3669.99	18.5	0.0	
60	QPSK	1	1	16.74	17.01	16.90			
Channel				638334	641666	645000			
Frequency (MHz)				3575.01	3624.99	3675	18.5	0.0	
50	QPSK	1	1	16.76	16.95	16.96			
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3624.99	18.5	0.0	
40	QPSK	1	1	16.83	16.95	16.89			
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99	18.5	0.0	
30	QPSK	1	1	16.76	16.96	16.88			
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690	18.5	0.0	
20	QPSK	1	1	16.78	16.92	16.95			

Part270 n77 Ant 3 DSI 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	18.14	18.16	18.07		
100	1/2 BPSK	1	137	18.08	18.15	18.00	19.5	0.0
100	1/2 BPSK	1	271	18.09	18.14	18.04		
100	1/2 BPSK	135	0	18.16	18.19	18.05	19.5	0.0
100	1/2 BPSK	135	69	18.14	18.17	18.05	19.5	0.0
100	1/2 BPSK	135	138	18.08	18.22	18.09	19.5	0.0
100	1/2 BPSK	270	0	18.16	18.11	18.11		
100	QPSK	1	1	18.15	18.23	18.04		
100	QPSK	1	137	18.06	18.19	18.08	19.5	0.0
100	QPSK	1	271	18.08	18.14	18.09		
100	QPSK	135	0	18.11	18.16	18.05	19.5	0.0
100	QPSK	135	69	18.08	18.20	18.07	19.5	0.0
100	QPSK	135	138	18.13	18.13	18.06		
100	QPSK	270	0	18.12	18.14	18.00	19.5	0.0
100	16QAM	1	1	18.16	18.22	18.06	19.5	0.0
100	64QAM	1	1	18.07	18.19	18.09	19.5	0.0
100	256QAM	1	1	16.56	16.61	16.52	18.0	1.5
Channel				649668	656000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.96	18.09	18.00	19.5	0.0
Channel				649334	656000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.01	18.13	17.93	19.5	0.0
Channel				649000	656000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.95	18.02	17.98	19.5	0.0
Channel				648668	656000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.97	18.03	17.99	19.5	0.0
Channel				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.97	18.12	17.93	19.5	0.0
Channel				648000	656000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.04	18.06	17.94	19.5	0.0
Channel				647668	656000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.07	18.10	17.95	19.5	0.0
Channel				647500	656000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.05	18.02	17.90	19.5	0.0
Channel				647334	656000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.03	18.09	17.96	19.5	0.0
Channel				647168	656000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.03	18.06	17.96	19.5	0.0
Channel				647000	656000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.96	18.05	17.97	19.5	0.0

Part27Q n77 Ant 3 DSI 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					3500.01			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		18.91			
100	1/2 BPSK	1	137		18.91		19.5	0.0
100	1/2 BPSK	1	271		18.94			
100	1/2 BPSK	135	0		18.97		19.5	0.0
100	1/2 BPSK	135	69		18.96		19.5	0.0
100	1/2 BPSK	135	138		18.98		19.5	0.0
100	1/2 BPSK	270	0		18.92		19.5	0.0
100	QPSK	1	1		19.04			
100	QPSK	1	137		18.94		19.5	0.0
100	QPSK	1	271		18.98			
100	QPSK	135	0		18.96		19.5	0.0
100	QPSK	135	69		18.98		19.5	0.0
100	QPSK	135	138		18.93		19.5	0.0
100	QPSK	270	0		18.96		19.5	0.0
100	16QAM	1	1		18.93		19.5	0.0
100	64QAM	1	1		18.93		19.5	0.0
100	256QAM	1	1		17.44		18.0	1.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.80	18.84	18.86	19.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.91	18.84	18.79	19.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.84	18.98	18.80	19.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.80	18.84	18.91	19.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.87	18.84	18.85	19.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.91	18.85	18.82	19.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.79	18.83	18.88	19.5	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.85	18.84	18.87	19.5	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.88	18.82	18.81	19.5	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.90	18.81	18.79	19.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.86	18.85	18.89	19.5	0.0

Part270 n78 Ant 3 DSI 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		18.28		19.5	0.0
100	1/2 BPSK	1	137		18.37			
100	1/2 BPSK	1	271		18.31			
100	1/2 BPSK	135	0		18.33		19.5	0.0
100	1/2 BPSK	135	69		18.28		19.5	0.0
100	1/2 BPSK	135	138		18.34		19.5	0.0
100	1/2 BPSK	270	0		18.29		19.5	0.0
100	QPSK	1	1		18.38		19.5	0.0
100	QPSK	1	137		18.27			
100	QPSK	1	271		18.34			
100	QPSK	135	0		18.33		19.5	0.0
100	QPSK	135	69		18.35		19.5	0.0
100	QPSK	135	138		18.29		19.5	0.0
100	QPSK	270	0		18.29		19.5	0.0
100	16QAM	1	1		18.29		19.5	0.0
100	64QAM	1	1		18.36		19.5	0.0
100	256QAM	1	1		16.77		18.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.16	18.19	18.25	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.15	18.23	18.27	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.17	18.25	18.26	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.13	18.18	18.23	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.19	18.20	18.21	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.12	18.25	18.27	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.18	18.19	18.21	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.13	18.23	18.25	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.13	18.17	18.28	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3793.51		
15	QPSK	1	1	18.20	18.27	18.19	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.13	18.19	18.24	19.5	0.0

Part27Q n78 Ant 3 DSI 2									
BW [MHz]	Modulate on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI/2 BPSK	1	1		19.01		19.5	0.0	
100	PI/2 BPSK	1	137		18.92				
100	PI/2 BPSK	1	271		18.96		19.5	0.0	
100	PI/2 BPSK	135	0		18.99				
100	PI/2 BPSK	135	69		18.92		19.5	0.0	
100	PI/2 BPSK	135	138		18.92				
100	PI/2 BPSK	270	0		18.97		19.5	0.0	
100	QPSK	1	1		19.03				
100	QPSK	1	137		18.99		19.5	0.0	
100	QPSK	1	271		19.00				
100	QPSK	135	0		18.95		19.5	0.0	
100	QPSK	135	69		18.98				
100	QPSK	135	138		18.92		19.5	0.0	
100	QPSK	270	0		18.92				
100	16QAM	1	1		18.94		19.5	0.0	
100	64QAM	1	1		18.98				
100	256QAM	1	1		17.53		18.0	1.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02	19.5	0.0	
90	QPSK	1	1	18.81	18.93	18.87			
Channel				632668	633334	634000	3490.02	19.5	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	18.80	18.85	18.88	19.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01	19.5	0.0	
70	QPSK	1	1	18.85	18.86	18.84			
Channel				632000	633334	634668	3480	19.5	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.87	18.82	18.80	19.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	19.5	0.0	
50	QPSK	1	1	18.89	18.93	18.85			
Channel				631334	633334	635334	3470.01	19.5	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.83	18.94	18.89	19.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	19.5	0.0	
30	QPSK	1	1	18.78	18.91	18.90			
Channel				630834	633334	635834	3462.51	19.5	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	18.80	18.82	18.81	19.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	19.5	0.0	
20	QPSK	1	1	18.83	18.93	18.85			
Channel				630500	633334	636168	3457.5	19.5	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	18.80	18.91	18.86	19.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01	19.5	0.0	
10	QPSK	1	1	18.81	18.93	18.81			

Part96 n77&78 PC3 Ant3 DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	3649.98	19.5	0.0
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	18.49	18.59	18.46	19.5	0.0	
100	PI/2 BPSK	1	137	18.45	18.58	18.38			
100	PI/2 BPSK	1	271	18.47	18.51	18.39	19.5	0.0	
100	PI/2 BPSK	135	0	18.49	18.53	18.43			
100	PI/2 BPSK	135	69	18.47	18.51	18.36	19.5	0.0	
100	PI/2 BPSK	135	138	18.43	18.57	18.45			
100	PI/2 BPSK	270	0	18.45	18.59	18.38	19.5	0.0	
100	QPSK	1	1	18.52	18.61	18.54			
100	QPSK	1	137	18.50	18.56	18.44	19.5	0.0	
100	QPSK	1	271	18.51	18.57	18.36			
100	QPSK	135	0	18.54	18.50	18.42	19.5	0.0	
100	QPSK	135	69	18.49	18.59	18.51			
100	QPSK	135	138	18.53	18.52	18.46	19.5	0.0	
100	QPSK	270	0	18.45	18.52	18.43			
100	16QAM	1	1	18.46	18.60	18.42	19.5	0.0	
100	64QAM	1	1	18.44	18.50	18.38			
100	256QAM	1	1	17.04	17.08	16.88	18.0	1.5	
Channel				639668	641666	643666			
Frequency (MHz)				3595.02	3624.99	3654.99	19.5	0.0	
90	QPSK	1	1	18.42	18.37	18.33			
Channel				639334	641666	644000	3590.01	19.5	0.0
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	18.39	18.37	18.39	19.5	0.0	
Channel				639000	641666	644332			
Frequency (MHz)				3585	3624.99	3664.98	19.5	0.0	
70	QPSK	1	1	18.35	18.45	18.30			
Channel				638668	641666	644666	3580.02	19.5	0.0
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	18.39	18.42	18.40	19.5	0.0	
Channel				638334	641666	645000			
Frequency (MHz)				3575.01	3624.99	3675	19.5	0.0	
50	QPSK	1	1	18.39	18.44	18.35			
Channel				638000	641666	645332	3570	19.5	0.0
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	18.40	18.47	18.36	19.5	0.0	
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99	19.5	0.0	
30	QPSK	1	1	18.41	18.42	18.41			
Channel				637334	641666	646000	3560.01	19.5	0.0
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	18.40	18.47	18.31	19.5	0.0	

n7 Ant 4 DSI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	1/2 BPS	1	1	18.25	18.33	18.33	19.0	0.0
50	1/2 BPS	1	135	18.31	18.27	18.37		
50	1/2 BPS	1	268	18.32	18.28	18.26		
50	1/2 BPS	135	0	18.32	18.27	18.30	19.0	0.0
50	1/2 BPS	135	68	18.22	18.27	18.33	19.0	0.0
50	1/2 BPS	135	135	18.28	18.37	18.34	19.0	0.0
50	1/2 BPS	270	0	18.34	18.36	18.33		
50	QPSK	1	1	18.31	18.38	18.27		
50	QPSK	1	135	18.32	18.26	18.34	19.0	0.0
50	QPSK	1	268	18.29	18.33	18.34		
50	QPSK	135	0	18.24	18.32	18.25	19.0	0.0
50	QPSK	135	68	18.28	18.35	18.31	19.0	0.0
50	QPSK	135	135	18.28	18.33	18.28		
50	QPSK	270	0	18.25	18.33	18.27	19.0	0.0
50	16QAM	1	1	18.32	18.33	18.29	19.0	0.0
50	64QAM	1	1	18.23	18.33	18.33	19.0	0.0
50	256QAM	1	1	18.23	18.27	18.36	19.0	0.0
Channel				504000	507000	510000	tune up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.14	18.14	18.13	19.0	0.0
Channel				503000	507000	511000	tune up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.10	18.12	18.20	19.0	0.0
Channel				502500	507000	511500	tune up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.16	18.13	18.21	19.0	0.0
Channel				502000	507000	512000	tune up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	1/2 BPS	1	1	18.12	18.21	18.14	19.0	0.0
Channel				501500	507000	512500	tune up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.08	18.16	18.22	19.0	0.0
Channel				501000	507000	513000	tune up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.07	18.15	18.22	19.0	0.0
Channel				500500	507000	513500	tune up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.11	18.15	18.14	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	1/2 BPSK	1	1	17.59	17.69	17.67		
40	1/2 BPSK	1	53	17.62	17.60	17.66	18.5	0.0
40	1/2 BPSK	1	104	17.60	17.68	17.63		
40	1/2 BPSK	50	0	17.65	17.59	17.65	18.5	0.0
40	1/2 BPSK	50	28	17.64	17.63	17.58	18.5	0.0
40	1/2 BPSK	50	56	17.61	17.59	17.59	18.5	0.0
40	1/2 BPSK	100	0	17.67	17.60	17.64		
40	QPSK	1	1	17.66	17.70	17.67		
40	QPSK	1	53	17.66	17.64	17.62	18.5	0.0
40	QPSK	1	104	17.57	17.66	17.66		
40	QPSK	50	0	17.64	17.65	17.66	18.5	0.0
40	QPSK	50	28	17.67	17.69	17.61	18.5	0.0
40	QPSK	50	56	17.63	17.63	17.63	18.5	0.0
40	QPSK	100	0	17.59	17.65	17.62		
40	16QAM	1	1	17.65	17.66	17.59	18.5	0.0
40	64QAM	1	1	17.58	17.59	17.65	18.5	0.0
40	256QAM	1	1	17.56	17.65	17.64	18.5	0.0
Channel				517002	519000	520998		
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.48	17.54	17.51	18.5	0.0
Channel				516000	519000	522000		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.48	17.45	17.47	18.5	0.0
Channel				515502	519000	522498		
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.45	17.55	17.48	18.5	0.0
Channel				515004	519000	522996		
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.47	17.45	17.58	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	17.79	17.79	17.74		
100	1/2 BPSK	1	137	17.78	17.76	17.75	18.5	0.0
100	1/2 BPSK	1	271	17.79	17.75	17.75		
100	1/2 BPSK	135	0	17.72	17.81	17.80	18.5	0.0
100	1/2 BPSK	135	69	17.79	17.75	17.73	18.5	0.0
100	1/2 BPSK	135	138	17.79	17.76	17.70	18.5	0.0
100	1/2 BPSK	270	0	17.74	17.79	17.69		
100	QPSK	1	1	17.77	17.85	17.78		
100	QPSK	1	137	17.73	17.80	17.74	18.5	0.0
100	QPSK	1	271	17.78	17.78	17.73		
100	QPSK	135	0	17.71	17.81	17.73	18.5	0.0
100	QPSK	135	69	17.73	17.84	17.79	18.5	0.0
100	QPSK	135	138	17.79	17.78	17.76		
100	QPSK	270	0	17.78	17.83	17.69	18.5	0.0
100	16QAM	1	1	17.74	17.79	17.72	18.5	0.0
100	64QAM	1	1	17.74	17.74	17.78	18.5	0.0
100	256QAM	1	1	17.76	17.76	17.78	18.5	0.0
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.63	17.61	17.61	18.5	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.73	17.60	17.52	18.5	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.70	17.63	17.52	18.5	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.67	17.57	17.57	18.5	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.69	17.67	17.61	18.5	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.71	17.61	17.53	18.5	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.71	17.61	17.61	18.5	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.70	17.59	17.55	18.5	0.0
Channel				500700	518598	536496		
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.68	17.68	17.55	18.5	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.67	17.60	17.56	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	20.69	20.69	20.68		
100	1/2 BPSK	1	137	20.66	20.78	20.73	21.5	0.0
100	1/2 BPSK	1	271	20.69	20.71	20.70		
100	1/2 BPSK	135	0	20.66	20.72	20.76	21.5	0.0
100	1/2 BPSK	135	69	20.66	20.76	20.70	21.5	0.0
100	1/2 BPSK	135	138	20.66	20.78	20.73	21.5	0.0
100	1/2 BPSK	270	0	20.68	20.72	20.76		
100	QPSK	1	1	20.64	20.80	20.69		
100	QPSK	1	137	20.57	20.72	20.72	21.5	0.0
100	QPSK	1	271	20.64	20.78	20.68		
100	QPSK	135	0	20.60	20.76	20.73	21.5	0.0
100	QPSK	135	69	20.63	20.77	20.71	21.5	0.0
100	QPSK	135	138	20.62	20.71	20.73	21.5	0.0
100	QPSK	270	0	20.69	20.76	20.70		
100	16QAM	1	1	20.63	20.68	20.70	21.5	0.0
100	64QAM	1	1	20.65	20.69	20.77	21.5	0.0
100	256QAM	1	1	20.61	20.68	20.71	21.5	0.0
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.37	20.69	20.46	21.5	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.37	20.65	20.45	21.5	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.32	20.67	20.45	21.5	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.30	20.73	20.51	21.5	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.33	20.63	20.53	21.5	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.27	20.73	20.56	21.5	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.37	20.68	20.49	21.5	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.32	20.73	20.49	21.5	0.0
Channel				500700	518598	536496		
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.30	20.68	20.53	21.5	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.28	20.72	20.45	21.5	0.0

Part270 n77 Ant 4 DSI 2									
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000	666000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	17.42	17.40	17.35			
100	1/2 BPSK	1	137	17.42	17.39	17.37	18.5	0.0	
100	1/2 BPSK	1	271	17.40	17.47	17.31			
100	1/2 BPSK	135	0	17.38	17.44	17.34	18.5	0.0	
100	1/2 BPSK	135	69	17.40	17.45	17.26	18.5	0.0	
100	1/2 BPSK	135	138	17.39	17.45	17.27	18.5	0.0	
100	1/2 BPSK	270	0	17.37	17.43	17.30			
100	QPSK	1	1	17.48	17.51	17.43			
100	QPSK	1	137	17.46	17.42	17.34	18.5	0.0	
100	QPSK	1	271	17.36	17.42	17.25			
100	QPSK	135	0	17.44	17.46	17.31	18.5	0.0	
100	QPSK	135	69	17.43	17.50	17.46	18.5	0.0	
100	QPSK	135	138	17.36	17.39	17.30	18.5	0.0	
100	QPSK	270	0	17.41	17.48	17.38			
100	16QAM	1	1	17.45	17.41	17.26	18.5	0.0	
100	64QAM	1	1	17.40	17.41	17.35	18.5	0.0	
100	256QAM	1	1	17.40	17.46	17.34	18.5	0.0	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	17.34	17.32	17.23	18.5	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	17.38	17.30	17.16	18.5	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	17.35	17.35	17.21	18.5	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	17.29	17.30	17.20	18.5	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	17.32	17.36	17.13	18.5	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	17.38	17.31	17.15	18.5	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	17.31	17.33	17.21	18.5	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	17.36	17.32	17.24	18.5	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	17.29	17.31	17.17	18.5	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	17.34	17.28	17.20	18.5	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	17.36	17.30	17.13	18.5	0.0	

Part27Q n77 Ant 4 DSI 2									
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel					633334				
Frequency (MHz)					3500.01				
100	1/2 BPSK	1	1		17.43				
100	1/2 BPSK	1	137		17.48		18.5	0.0	
100	1/2 BPSK	1	271		17.48				
100	1/2 BPSK	135	0		17.51		18.5	0.0	
100	1/2 BPSK	135	69		17.51		18.5	0.0	
100	1/2 BPSK	135	138		17.45		18.5	0.0	
100	1/2 BPSK	270	0		17.46				
100	QPSK	1	1		17.54				
100	QPSK	1	137		17.53		18.5	0.0	
100	QPSK	1	271		17.48				
100	QPSK	135	0		17.52		18.5	0.0	
100	QPSK	135	69		17.53		18.5	0.0	
100	QPSK	135	138		17.45		18.5	0.0	
100	QPSK	270	0		17.52				
100	16QAM	1	1		17.46		18.5	0.0	
100	64QAM	1	1		17.52		18.5	0.0	
100	256QAM	1	1		17.50		18.5	0.0	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	17.36	17.43	17.28	18.5	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510.02			
80	QPSK	1	1	17.29	17.38	17.24	18.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	17.28	17.41	17.22	18.5	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	17.28	17.34	17.34	18.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	17.28	17.38	17.32	18.5	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	17.29	17.33	17.27	18.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	17.35	17.42	17.34	18.5	0.0	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	17.29	17.38	17.32	18.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	17.30	17.32	17.29	18.5	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	17.34	17.38	17.25	18.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	17.27	17.40	17.34	18.5	0.0	

Part270 n78 Ant 4 DSI 2										
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel					650000					
Frequency (MHz)					3750					
100	1/2 BPSK	1	1		17.51		18.5	0.0		
100	1/2 BPSK	1	137		17.42					
100	1/2 BPSK	1	271		17.48					
100	1/2 BPSK	135	0		17.45		18.5	0.0		
100	1/2 BPSK	135	69		17.45		18.5	0.0		
100	1/2 BPSK	135	138		17.43		18.5	0.0		
100	1/2 BPSK	270	0		17.44		18.5			
100	QPSK	1	1		17.52		18.5	0.0		
100	QPSK	1	137		17.51					
100	QPSK	1	271		17.42					
100	QPSK	135	0		17.40		18.5	0.0		
100	QPSK	135	69		17.48		18.5	0.0		
100	QPSK	135	138		17.41		18.5	0.0		
100	QPSK	270	0		17.45		18.5			
100	16QAM	1	1		17.49		18.5	0.0		
100	64QAM	1	1		17.43		18.5	0.0		
100	256QAM	1	1		17.49		18.5	0.0		
Channel					649668	650000	650334	MPR (dB)		
Frequency (MHz)					3745.02	3750	3765.01			
90	QPSK	1	1	17.35	17.53	17.32	18.5	0.0		
Channel					649334	650000	650666	MPR (dB)		
Frequency (MHz)					3740.01	3750	3760.02			
80	QPSK	1	1	17.38	17.47	17.36	18.5	0.0		
Channel					649000	650000	651000	MPR (dB)		
Frequency (MHz)					3735	3750	3765			
70	QPSK	1	1	17.39	17.51	17.38	18.5	0.0		
Channel					648668	650000	651334	MPR (dB)		
Frequency (MHz)					3730.02	3750	3770.01			
60	QPSK	1	1	17.44	17.49	17.31	18.5	0.0		
Channel					648334	650000	651668	MPR (dB)		
Frequency (MHz)					3725.01	3750	3775.02			
50	QPSK	1	1	17.43	17.50	17.34	18.5	0.0		
Channel					648000	650000	652000	MPR (dB)		
Frequency (MHz)					3720	3750	3780			
40	QPSK	1	1	17.44	17.49	17.31	18.5	0.0		
Channel					647668	650000	652334	MPR (dB)		
Frequency (MHz)					3715.02	3750	3785.01			
30	QPSK	1	1	17.44	17.42	17.33	18.5	0.0		
Channel					647500	650000	652500	MPR (dB)		
Frequency (MHz)					3712.5	3750	3787.5			
25	QPSK	1	1	17.35	17.47	17.37	18.5	0.0		
Channel					647334	650000	652668	MPR (dB)		
Frequency (MHz)					3710.01	3750	3790.02			
20	QPSK	1	1	17.36	17.43	17.34	18.5	0.0		
Channel					647168	650000	652834	MPR (dB)		
Frequency (MHz)					3707.52	3750	3792.51			
15	QPSK	1	1	17.36	17.46	17.34	18.5	0.0		
Channel					647000	650000	653000	MPR (dB)		
Frequency (MHz)					3705	3750	3795			
10	QPSK	1	1	17.38	17.47	17.37	18.5	0.0		

Part27Q n78 Ant 4 DSI 2									
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334			18.5	0.0	
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1	17.40					
100	1/2 BPSK	1	137	17.37					
100	1/2 BPSK	1	271	17.40			18.5	0.0	
100	1/2 BPSK	135	0	17.42					
100	1/2 BPSK	135	69	17.37					
100	1/2 BPSK	135	138	17.44					
100	1/2 BPSK	270	0	17.41			18.5	0.0	
100	QPSK	1	1	17.46					
100	QPSK	1	137	17.37					
100	QPSK	1	271	17.39					
100	QPSK	135	0	17.42			18.5	0.0	
100	QPSK	135	69	17.45					
100	QPSK	135	138	17.44					
100	QPSK	270	0	17.42					
100	16QAM	1	1	17.43			18.5	0.0	
100	64QAM	1	1	17.37					
100	256QAM	1	1	17.39					
Channel				633000	633334	633668	tune-up limit	MPR	
Frequency (MHz)				3495	3500.01	3505.02	(dB)		
90	QPSK	1	1	17.35	17.23	17.33	18.5	0.0	
Channel				632668	633334	634000	tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dB)		
80	QPSK	1	1	17.37	17.30	17.34	18.5	0.0	
Channel				632334	633334	634334	tune-up limit	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	(dB)		
70	QPSK	1	1	17.42	17.23	17.39	18.5	0.0	
Channel				632000	633334	634668	tune-up limit	MPR	
Frequency (MHz)				3480	3500.01	3520.02	(dB)		
60	QPSK	1	1	17.41	17.29	17.32	18.5	0.0	
Channel				631668	633334	635000	tune-up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525	(dB)		
50	QPSK	1	1	17.39	17.32	17.37	18.5	0.0	
Channel				631334	633334	635334	tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	(dB)		
40	QPSK	1	1	17.36	17.23	17.38	18.5	0.0	
Channel				631000	633334	635668	tune-up limit	MPR	
Frequency (MHz)				3465	3500.01	3535.02	(dB)		
30	QPSK	1	1	17.42	17.33	17.42	18.5	0.0	
Channel				630668	633334	635934	tune-up limit	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	(dB)		
25	QPSK	1	1	17.33	17.31	17.35	18.5	0.0	
Channel				630668	633334	636000	tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dB)		
20	QPSK	1	1	17.40	17.24	17.33	18.5	0.0	
Channel				630500	633334	636168	tune-up limit	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	(dB)		
15	QPSK	1	1	17.41	17.32	17.33	18.5	0.0	
Channel				630334	633334	636334	tune-up limit	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	(dB)		
10	QPSK	1	1	17.39	17.25	17.35	18.5	0.0	

Part96 n77&78 PC3 Ant4 DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	18.5	0.0	
Frequency (MHz)				3600	3624.99	3648.98			
100	PI/2 BPSK	1	1	16.90	17.02	16.74			
100	PI/2 BPSK	1	137	16.92	16.97	16.82			
100	PI/2 BPSK	1	271	16.94	16.97	16.84	18.5	0.0	
100	PI/2 BPSK	135	0	16.93	16.98	16.79			
100	PI/2 BPSK	135	69	16.88	17.03	16.80			
100	PI/2 BPSK	135	138	16.92	16.96	16.79			
100	PI/2 BPSK	270	0	16.84	16.90	16.84	18.5	0.0	
100	QPSK	1	1	16.89	17.04	16.96			
100	QPSK	1	137	16.94	16.96	16.75			
100	QPSK	1	271	16.90	16.93	16.82			
100	QPSK	135	0	16.90	16.97	16.83	18.5	0.0	
100	QPSK	135	69	16.85	17.02	16.87			
100	QPSK	135	138	16.86	17.01	16.84			
100	QPSK	270	0	16.83	16.93	16.86			
100	16QAM	1	1	16.90	16.95	16.76	18.5	0.0	
100	64QAM	1	1	16.86	16.96	16.83			
100	256QAM	1	1	16.82	16.94	16.82			
Channel				639668	641666	643666	tune-up limit	MPR	
Frequency (MHz)				3595.02	3624.99	3654.99	(dB)	(dB)	
90	QPSK	1	1	16.76	16.86	16.67	18.5	0.0	
Channel				639334	641666	644000	tune-up limit	MPR	
Frequency (MHz)				3590.01	3624.99	3660	(dB)	(dB)	
80	QPSK	1	1	16.76	16.84	16.75	18.5	0.0	
Channel				639000	641666	644332	tune-up limit	MPR	
Frequency (MHz)				3585	3624.99	3664.98	(dB)	(dB)	
70	QPSK	1	1	16.79	16.89	16.71	18.5	0.0	
Channel				638668	641666	644666	tune-up limit	MPR	
Frequency (MHz)				3580.02	3624.99	3669.99	(dB)	(dB)	
60	QPSK	1	1	16.83	16.85	16.77	18.5	0.0	
Channel				638334	641666	645000	tune-up limit	MPR	
Frequency (MHz)				3575.01	3624.99	3675	(dB)	(dB)	
50	QPSK	1	1	16.87	16.93	16.70	18.5	0.0	
Channel				638000	641666	645332	tune-up limit	MPR	
Frequency (MHz)				3570	3624.99	3674.99	(dB)	(dB)	
40	QPSK	1	1	16.79	16.91	16.77	18.5	0.0	
Channel				637668	641666	645666	tune-up limit	MPR	
Frequency (MHz)				3565.02	3624.99	3684.99	(dB)	(dB)	
30	QPSK	1	1	16.86	16.87	16.77	18.5	0.0	
Channel				637334	641666	646000	tune-up limit	MPR	
Frequency (MHz)				3560.01	3624.99	3690	(dB)	(dB)	
20	QPSK	1	1	16.85	16.86	16.71	18.5	0.0	

n41 Ant 5 DSI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	22.38	22.43	22.38		
100	1/2 BPSK	1	137	22.37	22.43	22.40	24.0	0.0
100	1/2 BPSK	1	271	22.42	22.46	22.33		
100	1/2 BPSK	135	0	22.03	22.01	22.00	23.5	0.5
100	1/2 BPSK	135	69	22.44	22.46	22.38	24.0	0.0
100	1/2 BPSK	135	138	22.02	22.01	21.94		
100	1/2 BPSK	270	0	21.98	21.98	21.95	23.5	0.5
100	QPSK	1	1	22.51	22.54	22.46		
100	QPSK	1	137	22.44	22.40	22.40	24.0	0.0
100	QPSK	1	271	22.45	22.40	22.42		
100	QPSK	135	0	21.50	21.56	21.50	23.0	1.0
100	QPSK	135	69	22.37	22.42	22.41	24.0	0.0
100	QPSK	135	138	21.50	21.51	21.46	23.0	1.0
100	QPSK	270	0	21.53	21.58	21.52		
100	16QAM	1	1	21.48	21.51	21.46	23.0	1.0
100	64QAM	1	1	20.01	20.06	19.98	21.5	2.5
100	256QAM	1	1	18.01	18.02	17.95	19.5	4.5
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.40	22.48	22.38	24.0	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.40	22.43	22.35	24.0	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.43	22.38	22.40	24.0	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.35	22.39	22.35	24.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.42	22.50	22.35	24.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.42	22.48	22.33	24.0	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.40	22.49	22.34	24.0	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.47	22.42	22.37	24.0	0.0
Channel				500700	518598	536996		
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.46	22.47	22.39	24.0	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.37	22.40	22.34	24.0	0.0

n7 Ant 6 DSI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	1/2 BPSK	1	1	23.62	23.77	23.70		
50	1/2 BPSK	1	135	23.53	23.68	23.63	24.5	0.0
50	1/2 BPSK	1	268	23.51	23.70	23.64		
50	1/2 BPSK	135	0	23.17	23.26	23.25	24.0	0.5
50	1/2 BPSK	135	68	23.48	23.65	23.60	24.5	0.0
50	1/2 BPSK	135	135	23.09	23.31	23.26	24.0	0.5
50	1/2 BPSK	270	0	23.18	23.32	23.16		
50	QPSK	1	1	23.55	23.81	23.71		
50	QPSK	1	135	23.50	23.76	23.61	24.5	0.0
50	QPSK	1	268	23.40	23.68	23.67		
50	QPSK	135	0	22.59	22.88	22.70	23.5	1.0
50	QPSK	135	68	23.54	23.62	23.55	24.5	0.0
50	QPSK	135	135	22.60	22.87	22.71		
50	QPSK	270	0	22.52	22.59	22.47	23.5	1.0
50	16QAM	1	1	22.60	22.75	22.64	23.5	1.0
50	64QAM	1	1	21.34	21.41	21.30	22.0	2.5
50	256QAM	1	1	19.41	19.48	19.42	20.0	4.5
Channel				504000	507000	510000	tune up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.48	23.71	23.57	24.5	0.0
Channel				503000	507000	511000	tune up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.47	23.66	23.58	24.5	0.0
Channel				502500	507000	511500	tune up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.44	23.71	23.61	24.5	0.0
Channel				502000	507000	512000	tune up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	1/2 BPSK	1	1	23.45	23.72	23.63	24.5	0.0
Channel				501500	507000	512500	tune up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.48	23.77	23.68	24.5	0.0
Channel				501000	507000	513000	tune up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.43	23.68	23.65	24.5	0.0
Channel				500500	507000	513500	tune up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.40	23.70	23.60	24.5	0.0

n41 Ant 6 DSI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	21.91	21.92	21.82	23.0	0.0
100	1/2 BPSK	1	137	21.82	21.89	21.86		
100	1/2 BPSK	1	271	21.91	21.91	21.86		
100	1/2 BPSK	135	0	21.46	21.46	21.52	22.5	0.5
100	1/2 BPSK	135	69	21.88	21.88	21.81	23.0	0.0
100	1/2 BPSK	135	138	21.41	21.52	21.46	22.5	0.5
100	1/2 BPSK	270	0	21.42	21.53	21.49		
100	QPSK	1	1	21.95	21.98	21.97		
100	QPSK	1	137	21.89	21.86	21.88	23.0	0.0
100	QPSK	1	271	21.83	21.93	21.87		
100	QPSK	135	0	21.00	20.93	20.96	22.0	1.0
100	QPSK	135	69	21.81	21.84	21.81	23.0	0.0
100	QPSK	135	138	20.99	20.99	21.00		
100	QPSK	270	0	20.92	21.00	20.98	22.0	1.0
100	16QAM	1	1	21.01	20.93	20.97	22.0	1.0
100	64QAM	1	1	19.50	19.50	19.49	20.5	2.5
100	256QAM	1	1	17.44	17.53	17.52	18.5	4.5
Channel				508200	518598	528996	tune up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.90	21.94	21.91	23.0	0.0
Channel				507204	518598	529998	tune up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.90	21.86	21.93	23.0	0.0
Channel				506202	518598	531000	tune up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.90	21.92	21.90	23.0	0.0
Channel				505200	518598	531996	tune up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.89	21.86	21.90	23.0	0.0
Channel				504204	518598	532998	tune up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.87	21.84	21.93	23.0	0.0
Channel				503202	518598	534000	tune up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.89	21.92	21.84	23.0	0.0
Channel				502200	518598	534996	tune up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.88	21.89	21.86	23.0	0.0
Channel				501204	518598	535998	tune up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.87	21.84	21.85	23.0	0.0
Channel				500100	518598	536996	tune up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.90	21.92	21.90	23.0	0.0
Channel				500202	518598	537000	tune up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.84	21.92	21.83	23.0	0.0

Reduced Power Mode for DSI 4

n5 DSI 4 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	22.84	22.84	22.76			
20	1/2 BPSK	1	53	22.73	22.79	22.77	23.5	0.0	
20	1/2 BPSK	1	104	22.78	22.88	22.69			
20	1/2 BPSK	50	0	22.81	22.81	22.77	23.5	0.0	
20	1/2 BPSK	50	28	22.84	22.90	22.68	23.5	0.0	
20	1/2 BPSK	50	56	22.83	22.86	22.77	23.5	0.0	
20	1/2 BPSK	100	0	22.73	22.79	22.73			
20	QPSK	1	1	22.82	22.91	22.71			
20	QPSK	1	53	22.77	22.86	22.72	23.5	0.0	
20	QPSK	1	104	22.84	22.85	22.71			
20	QPSK	50	0	22.83	22.82	22.73	23.5	0.0	
20	QPSK	50	28	22.85	22.87	22.75	23.5	0.0	
20	QPSK	50	56	22.74	22.86	22.76	23.5	0.0	
20	QPSK	100	0	22.74	22.82	22.69			
20	16QAM	1	1	22.79	22.82	22.74	23.5	0.0	
20	64QAM	1	1	21.26	21.42	21.16	22.0	1.5	
20	256QAM	1	1	19.34	19.33	19.26	20.0	3.5	
Channel				166300	167300	168300	tune-up limit	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.71	22.75	22.57	23.5	0.0	
Channel				165800	167300	168800	tune-up limit	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.75	22.75	22.57	23.5	0.0	
Channel				165300	167300	169300	tune-up limit	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	22.77	22.80	22.63	23.5	0.0	

n71 DSI 4 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	1/2 BPSK	1	1	23.69	23.76	23.75			
20	1/2 BPSK	1	53	23.63	23.62	23.65	24.5	0.0	
20	1/2 BPSK	1	104	23.56	23.63	23.65			
20	1/2 BPSK	50	0	23.20	23.24	23.29	24.0	0.5	
20	1/2 BPSK	50	28	23.56	23.68	23.60	24.5	0.0	
20	1/2 BPSK	50	56	23.21	23.22	23.28	24.0	0.5	
20	1/2 BPSK	100	0	23.24	23.29	23.23			
20	QPSK	1	1	23.71	23.80	23.73			
20	QPSK	1	53	23.57	23.70	23.67	24.5	0.0	
20	QPSK	1	104	23.61	23.73	23.62			
20	QPSK	50	0	22.70	22.78	22.77	23.5	1.0	
20	QPSK	50	28	23.51	23.62	23.49	24.5	0.0	
20	QPSK	50	56	22.53	22.53	22.41	23.5	1.0	
20	QPSK	100	0	22.56	22.65	22.55			
20	16QAM	1	1	22.82	22.86	22.75	23.5	1.0	
20	64QAM	1	1	20.77	20.82	20.68	22.0	2.5	
20	256QAM	1	1	19.13	19.25	19.21	20.0	4.5	
Channel				134100	136100	138100	tune-up limit	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	23.72	23.76	23.57	24.5	0.0	
Channel				133600	136100	138600	tune-up limit	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.69	23.77	23.62	24.5	0.0	
Channel				133100	136100	139100	tune-up limit	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.72	23.78	23.63	24.5	0.0	

n41 DSI 4 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	20.76	20.75	20.66		
100	1/2 BPSK	1	137	20.68	20.77	20.69	22.0	0.0
100	1/2 BPSK	1	271	20.75	20.80	20.68		
100	1/2 BPSK	135	0	20.74	20.70	20.70	22.0	0.0
100	1/2 BPSK	135	69	20.67	20.75	20.61	22.0	0.0
100	1/2 BPSK	135	138	20.76	20.79	20.66	22.0	0.0
100	1/2 BPSK	270	0	20.78	20.71	20.61		
100	QPSK	1	1	20.70	20.85	20.65		
100	QPSK	1	137	20.75	20.80	20.60	22.0	0.0
100	QPSK	1	271	20.73	20.70	20.71		
100	QPSK	135	0	20.79	20.78	20.70	22.0	0.0
100	QPSK	135	69	20.70	20.80	20.66	22.0	0.0
100	QPSK	135	138	20.77	20.75	20.65		
100	QPSK	270	0	20.77	20.79	20.67	22.0	0.0
100	16QAM	1	1	20.68	20.71	20.64	22.0	0.0
100	64QAM	1	1	20.21	20.25	20.16	21.5	0.5
100	256QAM	1	1	18.26	18.29	18.12	19.5	2.5
Channel				508200	518598	528996	tune up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.64	20.67	20.57	22.0	0.0
Channel				507204	518598	529998	tune up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.62	20.62	20.53	22.0	0.0
Channel				506202	518598	531000	tune up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.59	20.59	20.60	22.0	0.0
Channel				505200	518598	531996	tune up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.57	20.60	20.61	22.0	0.0
Channel				504204	518598	532998	tune up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.56	20.59	20.53	22.0	0.0
Channel				503202	518598	534000	tune up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.54	20.65	20.56	22.0	0.0
Channel				502200	518598	534996	tune up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.62	20.62	20.59	22.0	0.0
Channel				501204	518598	535998	tune up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.56	20.62	20.52	22.0	0.0
Channel				500100	518598	536496	tune up limit	MPR (dB)
Frequency (MHz)				2603.5	2592.99	2682.48		
15	QPSK	1	1	20.55	20.69	20.49	22.0	0.0
Channel				500202	518598	537000	tune up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.56	20.59	20.60	22.0	0.0

n2 DSI 4 Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	1/2 BPSK	1	1	19.06	19.08	19.00	20.0	0.0	
20	1/2 BPSK	1	53	19.11	19.09	18.91			
20	1/2 BPSK	1	104	19.10	19.14	18.99			
20	1/2 BPSK	50	0	19.09	19.11	19.03	20.0	0.0	
20	1/2 BPSK	50	28	19.08	19.04	18.94	20.0	0.0	
20	1/2 BPSK	50	56	19.10	19.13	18.98	20.0	0.0	
20	1/2 BPSK	100	0	19.09	19.11	18.96			
20	QPSK	1	1	19.12	19.16	18.97			
20	QPSK	1	53	19.12	19.10	19.02	20.0	0.0	
20	QPSK	1	104	19.10	19.06	18.92			
20	QPSK	50	0	19.07	19.13	18.92	20.0	0.0	
20	QPSK	50	28	19.13	19.15	18.95	20.0	0.0	
20	QPSK	50	56	19.10	19.11	18.95	20.0	0.0	
20	QPSK	100	0	19.08	19.13	18.91	20.0	0.0	
20	16QAM	1	1	19.10	19.14	18.98	20.0	0.0	
20	64QAM	1	1	19.13	19.07	18.96	20.0	0.0	
20	256QAM	1	1	19.11	19.09	18.93	20.0	0.0	
Channel				371500	376000	380500	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	19.02	19.01	18.85	20.0	0.0	
Channel				371000	376000	381000	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	19.03	18.97	18.85	20.0	0.0	
Channel				370500	376000	381500	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	19.07	19.02	18.87	20.0	0.0	

n66 DSI 4 Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	1/2 BPSK	1	1	19.18	19.17	19.09			
40	1/2 BPSK	1	108	19.20	19.20	19.02	20.0	0.0	
40	1/2 BPSK	1	214	19.22	19.19	19.12			
40	1/2 BPSK	108	0	19.24	19.24	19.18	20.0	0.0	
40	1/2 BPSK	108	54	19.24	19.10	19.03	20.0	0.0	
40	1/2 BPSK	108	108	19.15	19.18	19.12	20.0	0.0	
40	1/2 BPSK	216	0	19.20	19.26	19.08			
40	QPSK	1	1	19.27	19.31	19.10			
40	QPSK	1	108	19.24	19.26	19.09	20.0	0.0	
40	QPSK	1	214	19.18	19.19	19.03			
40	QPSK	108	0	19.17	19.25	19.04	20.0	0.0	
40	QPSK	108	54	19.27	19.28	19.00	20.0	0.0	
40	QPSK	108	108	19.17	19.27	19.02	20.0	0.0	
40	QPSK	216	0	19.15	19.27	19.04			
40	16QAM	1	1	19.20	19.27	19.06	20.0	0.0	
40	64QAM	1	1	19.18	19.13	19.11	20.0	0.0	
40	256QAM	1	1	19.23	19.18	19.00	20.0	0.0	
Channel				345000	349000	353000	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	19.18	19.24	19.02	20.0	0.0	
Channel				344500	349000	353500	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	19.21	19.20	19.02	20.0	0.0	
Channel				344000	349000	354000	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	19.14	19.24	18.95	20.0	0.0	
Channel				343500	349000	354500	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	19.12	19.21	18.96	20.0	0.0	
Channel				343000	349000	355000	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	19.12	19.14	18.95	20.0	0.0	
Channel				342500	349000	355500	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	19.14	19.15	18.95	20.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	18.17	18.25	18.29		
100	1/2 BPSK	1	137	18.15	18.22	18.25	19.0	0.0
100	1/2 BPSK	1	271	18.07	18.27	18.29		
100	1/2 BPSK	135	0	18.13	18.20	18.20	19.0	0.0
100	1/2 BPSK	135	69	18.14	18.23	18.19	19.0	0.0
100	1/2 BPSK	135	138	18.15	18.24	18.23		
100	1/2 BPSK	270	0	18.08	18.27	18.21	19.0	0.0
100	QPSK	1	1	18.09	18.35	18.20		
100	QPSK	1	137	18.16	18.19	18.19	19.0	0.0
100	QPSK	1	271	18.06	18.23	18.19		
100	QPSK	135	0	18.13	18.25	18.26	19.0	0.0
100	QPSK	135	69	18.12	18.28	18.21	19.0	0.0
100	QPSK	135	138	18.15	18.24	18.19		
100	QPSK	270	0	18.13	18.23	18.19	19.0	0.0
100	16QAM	1	1	18.09	18.27	18.25	19.0	0.0
100	64QAM	1	1	18.14	18.21	18.27	19.0	0.0
100	256QAM	1	1	18.18	18.22	18.27	19.0	0.0
Channel				649668	656000	662334	tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01	up limit	
90	QPSK	1	1	17.99	18.08	18.08	19.0	0.0
Channel				649334	656000	662668	tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02	up limit	
80	QPSK	1	1	17.95	18.15	18.08	19.0	0.0
Channel				649000	656000	663000	tune-up limit	MPR (dB)
Frequency (MHz)				3735	3940	3945	up limit	
70	QPSK	1	1	18.00	18.08	18.14	19.0	0.0
Channel				648668	656000	663334	tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01	up limit	
60	QPSK	1	1	18.03	18.05	18.07	19.0	0.0
Channel				648334	656000	663668	tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02	up limit	
50	QPSK	1	1	17.93	18.06	18.14	19.0	0.0
Channel				648000	656000	664000	tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960	up limit	
40	QPSK	1	1	17.97	18.10	18.07	19.0	0.0
Channel				647668	656000	664334	tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01	up limit	
30	QPSK	1	1	18.01	18.08	18.04	19.0	0.0
Channel				647500	656000	664500	tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5	up limit	
25	QPSK	1	1	17.95	18.17	18.14	19.0	0.0
Channel				647334	656000	664668	tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02	up limit	
20	QPSK	1	1	17.97	18.13	18.15	19.0	0.0
Channel				647168	656000	664834	tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51	up limit	
15	QPSK	1	1	18.01	18.05	18.12	19.0	0.0
Channel				647000	656000	665000	tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975	up limit	
10	QPSK	1	1	18.03	18.10	18.13	19.0	0.0

Part27Q n77 DSI 4 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		18.24			
100	1/2 BPSK	1	137		18.21		19.0	0.0
100	1/2 BPSK	1	271		18.21			
100	1/2 BPSK	135	0		18.25		19.0	0.0
100	1/2 BPSK	135	69		18.23		19.0	0.0
100	1/2 BPSK	135	138		18.25		19.0	0.0
100	1/2 BPSK	270	0		18.29		19.0	0.0
100	QPSK	1	1		18.31			
100	QPSK	1	137		18.24		19.0	0.0
100	QPSK	1	271		18.19			
100	QPSK	135	0		18.20		19.0	0.0
100	QPSK	135	69		18.27		19.0	0.0
100	QPSK	135	138		18.20			
100	QPSK	270	0		18.19		19.0	0.0
100	16QAM	1	1		18.25		19.0	0.0
100	64QAM	1	1		18.24		19.0	0.0
100	256QAM	1	1		18.26		19.0	0.0
Channel				633000	633334	633668	tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02	up limit	
90	QPSK	1	1	18.22	18.27	18.18	19.0	0.0
Channel				632668	633334	634000	tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	up limit	
80	QPSK	1	1	18.24	18.25	18.22	19.0	0.0
Channel				632334	633334	634334	tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01	up limit	
70	QPSK	1	1	18.26	18.16	18.19	19.0	0.0
Channel				632000	633334	634668	tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02	up limit	
60	QPSK	1	1	18.15	18.26	18.17	19.0	0.0
Channel				631668	633334	635000	tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	up limit	
50	QPSK	1	1	18.16	18.25	18.17	19.0	0.0
Channel				631334	633334	635334	tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01	up limit	
40	QPSK	1	1	18.25	18.25	18.19	19.0	0.0
Channel				631000	633334	635668	tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02	up limit	
30	QPSK	1	1	18.21	18.24	18.16	19.0	0.0
Channel				630834	633334	635834	tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51	up limit	
25	QPSK	1	1	18.10	18.25	18.16	19.0	0.0
Channel				630668	633334	636000	tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	up limit	
20	QPSK	1	1	18.16	18.19	18.16	19.0	0.0
Channel				630500	633334	636168	tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52	up limit	
15	QPSK	1	1	18.26	18.16	18.17	19.0	0.0
Channel				630334	633334	636334	tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01	up limit	
10	QPSK	1	1	18.21	18.24	18.24	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		18.14			
100	1/2 BPSK	1	137		18.12		19.0	0.0
100	1/2 BPSK	1	271		18.21			
100	1/2 BPSK	135	0		18.12		19.0	0.0
100	1/2 BPSK	135	69		18.09		19.0	0.0
100	1/2 BPSK	135	138		18.09		19.0	0.0
100	1/2 BPSK	270	0		18.23		19.0	0.0
100	QPSK	1	1		18.28			
100	QPSK	1	137		18.14		19.0	0.0
100	QPSK	1	271		18.10			
100	QPSK	135	0		18.21		19.0	0.0
100	QPSK	135	69		18.25		19.0	0.0
100	QPSK	135	138		18.17			
100	QPSK	270	0		18.19		19.0	0.0
100	16QAM	1	1		18.21		19.0	0.0
100	64QAM	1	1		18.09		19.0	0.0
100	256QAM	1	1		18.11		19.0	0.0
Channel				649668	650000	650334	tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01	up limit	
90	QPSK	1	1	18.21	18.23	18.15	19.0	0.0
Channel				649334	650000	650668	tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02	up limit	
80	QPSK	1	1	18.23	18.24	18.21	19.0	0.0
Channel				649000	650000	651000	tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765	up limit	
70	QPSK	1	1	18.15	18.14	18.22	19.0	0.0
Channel				648668	650000	651334	tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01	up limit	
60	QPSK	1	1	18.21	18.16	18.17	19.0	0.0
Channel				648334	650000	651668	tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02	up limit	
50	QPSK	1	1	18.16	18.15	18.22	19.0	0.0
Channel				648000	650000	652000	tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780	up limit	
40	QPSK	1	1	18.17	18.21	18.15	19.0	0.0
Channel				647668	650000	652334	tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01	up limit	
30	QPSK	1	1	18.15	18.14	18.18	19.0	0.0
Channel				647500	650000	652500	tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	up limit	
25	QPSK	1	1	18.18	18.15	18.19	19.0	0.0
Channel				647334	650000	652668	tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02	up limit	
20	QPSK	1	1	18.14	18.18	18.12	19.0	0.0
Channel				647168	650000	652834	tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51	up limit	
15	QPSK	1	1	18.21	18.14	18.16	19.0	0.0
Channel				647000	650000	653000	tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795	up limit	
10	QPSK	1	1	18.14	18.22	18.20	19.0	0.0

Part27Q n78 DSI 4 Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI/2 BPSK	1	1	18.13			19.0	0.0	
100	PI/2 BPSK	1	137	18.12					
100	PI/2 BPSK	1	271	18.10			19.0	0.0	
100	PI/2 BPSK	135	0	18.11					
100	PI/2 BPSK	135	69	18.17			19.0	0.0	
100	PI/2 BPSK	135	138	18.14					
100	PI/2 BPSK	270	0	18.13			19.0	0.0	
100	QPSK	1	1	18.21					
100	QPSK	1	137	18.10			19.0	0.0	
100	QPSK	1	271	18.11					
100	QPSK	135	0	18.09			19.0	0.0	
100	QPSK	135	69	18.20					
100	QPSK	135	138	18.16			19.0	0.0	
100	QPSK	270	0	18.12					
100	16QAM	1	1	18.18			19.0	0.0	
100	64QAM	1	1	18.13					
100	256QAM	1	1	18.16			19.0	0.0	
Channel				633000	633334	633668		Tune-up limit (dBm)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	18.07	18.15	18.12	19.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	18.11	18.13	18.16	19.0	0.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	18.17	18.06	18.08	19.0	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.09	18.15	18.07	19.0	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	18.14	18.15	18.15	19.0	0.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.15	18.14	18.11	19.0	0.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	18.07	18.11	18.14	19.0	0.0	
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	18.14	18.15	18.08	19.0	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	18.15	18.17	18.06	19.0	0.0	
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	18.09	18.15	18.12	19.0	0.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	18.14	18.07	18.07	19.0	0.0	

Part96 n77&78 PC3 DSI 4 Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000			3600		
Frequency (MHz)									
100	PI/2 BPSK	1	1	17.41	17.59	17.58	19.0	0.0	
100	PI/2 BPSK	1	137	17.44	17.53	17.49			
100	PI/2 BPSK	1	271	17.45	17.61	17.54	19.0	0.0	
100	PI/2 BPSK	135	0	17.44	17.62	17.49			
100	PI/2 BPSK	135	69	17.37	17.62	17.59	19.0	0.0	
100	PI/2 BPSK	135	138	17.43	17.52	17.59			
100	PI/2 BPSK	270	0	17.35	17.58	17.49	19.0	0.0	
100	QPSK	1	1	17.42	17.69	17.59			
100	QPSK	1	137	17.44	17.60	17.56	19.0	0.0	
100	QPSK	1	271	17.44	17.56	17.57			
100	QPSK	135	0	17.39	17.61	17.51	19.0	0.0	
100	QPSK	135	69	17.34	17.65	17.51			
100	QPSK	135	138	17.43	17.63	17.55	19.0	0.0	
100	QPSK	270	0	17.38	17.58	17.55			
100	16QAM	1	1	17.39	17.60	17.59	19.0	0.0	
100	64QAM	1	1	17.36	17.59	17.48			
100	256QAM	1	1	17.41	17.55	17.49	19.0	0.0	
Channel				639668	641666	643666		Tune-up limit (dBm)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	17.34	17.41	17.48	19.0	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	17.29	17.45	17.49	19.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3661.98			
70	QPSK	1	1	17.26	17.38	17.43	19.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	17.27	17.44	17.48	19.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	17.36	17.43	17.54	19.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	17.32	17.47	17.45	19.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	17.36	17.40	17.46	19.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	17.33	17.41	17.45	19.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	18.57	18.65	18.61	20.0	0.0
100	1/2 BPSK	1	137	18.64	18.71	18.57		
100	1/2 BPSK	1	271	18.59	18.70	18.56		
100	1/2 BPSK	135	0	18.59	18.64	18.54	20.0	0.0
100	1/2 BPSK	135	69	18.59	18.66	18.52	20.0	0.0
100	1/2 BPSK	135	138	18.66	18.69	18.51	20.0	0.0
100	1/2 BPSK	270	0	18.63	18.70	18.51		
100	QPSK	1	1	18.64	18.79	18.56	20.0	0.0
100	QPSK	1	137	18.55	18.67	18.55		
100	QPSK	1	271	18.61	18.65	18.52		
100	QPSK	135	0	18.63	18.73	18.58	20.0	0.0
100	QPSK	135	69	18.63	18.75	18.50	20.0	0.0
100	QPSK	135	138	18.66	18.68	18.53	20.0	0.0
100	QPSK	270	0	18.63	18.65	18.59	20.0	0.0
100	16QAM	1	1	18.59	18.66	18.61	20.0	0.0
100	64QAM	1	1	18.56	18.69	18.50	20.0	0.0
100	256QAM	1	1	16.70	16.67	16.60	18.0	2.0
Channel				649668	650000	662334	tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.51	18.51	18.49	20.0	0.0
Channel				649334	650000	662668	tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.59	18.56	18.42	20.0	0.0
Channel				649000	650000	663000	tune-up limit	MPR (dB)
Frequency (MHz)				3735	3940	3945		
70	QPSK	1	1	18.50	18.53	18.49	20.0	0.0
Channel				648668	650000	663334	tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.49	18.55	18.49	20.0	0.0
Channel				648334	650000	663668	tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.55	18.53	18.48	20.0	0.0
Channel				648000	650000	664000	tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.50	18.50	18.47	20.0	0.0
Channel				647668	650000	664334	tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.54	18.48	18.49	20.0	0.0
Channel				647500	650000	664500	tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.59	18.56	18.41	20.0	0.0
Channel				647334	650000	664668	tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.50	18.51	18.50	20.0	0.0
Channel				647168	650000	664834	tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.58	18.55	18.43	20.0	0.0
Channel				647000	650000	665000	tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.57	18.52	18.52	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		19.49		20.0	0.0
100	1/2 BPSK	1	137		19.44			
100	1/2 BPSK	1	271		19.43			
100	1/2 BPSK	135	0		19.44		20.0	0.0
100	1/2 BPSK	135	69		19.45		20.0	0.0
100	1/2 BPSK	135	138		19.41		20.0	0.0
100	1/2 BPSK	270	0		19.40			
100	QPSK	1	1		19.55		20.0	0.0
100	QPSK	1	137		19.42			
100	QPSK	1	271		19.44			
100	QPSK	135	0		19.47		20.0	0.0
100	QPSK	135	69		19.49		20.0	0.0
100	QPSK	135	138		19.40		20.0	0.0
100	QPSK	270	0		19.49		20.0	0.0
100	16QAM	1	1		19.41		20.0	0.0
100	64QAM	1	1		19.40		20.0	0.0
100	256QAM	1	1		17.53		18.0	2.0
Channel				633000	633334	633668	tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.30	19.32	19.30	20.0	0.0
Channel				632668	633334	634000	tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.26	19.27	19.30	20.0	0.0
Channel				632334	633334	634334	tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.27	19.33	19.29	20.0	0.0
Channel				632000	633334	634668	tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.34	19.38	19.38	20.0	0.0
Channel				631668	633334	635000	tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.28	19.35	19.28	20.0	0.0
Channel				631334	633334	635334	tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.36	19.36	19.28	20.0	0.0
Channel				631000	633334	635668	tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.26	19.38	19.37	20.0	0.0
Channel				630834	633334	635834	tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.32	19.34	19.27	20.0	0.0
Channel				630668	633334	636000	tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.37	19.35	19.34	20.0	0.0
Channel				630500	633334	636168	tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.30	19.30	19.32	20.0	0.0
Channel				630334	633334	636334	tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.27	19.29	19.32	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		18.56		20.0	0.0
100	1/2 BPSK	1	137		18.62			
100	1/2 BPSK	1	271		18.56			
100	1/2 BPSK	135	0		18.59		20.0	0.0
100	1/2 BPSK	135	69		18.58		20.0	0.0
100	1/2 BPSK	135	138		18.58		20.0	0.0
100	1/2 BPSK	270	0		18.57		20.0	0.0
100	QPSK	1	1		18.73		20.0	0.0
100	QPSK	1	137		18.60			
100	QPSK	1	271		18.60			
100	QPSK	135	0		18.59		20.0	0.0
100	QPSK	135	69		18.65		20.0	0.0
100	QPSK	135	138		18.62		20.0	0.0
100	QPSK	270	0		18.61		20.0	0.0
100	16QAM	1	1		18.58		20.0	0.0
100	64QAM	1	1		18.59		20.0	0.0
100	256QAM	1	1		16.62		18.0	2.0
Channel				649668	650000	650334	tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.69	18.57	18.66	20.0	0.0
Channel				649334	650000	650668	tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.67	18.64	18.58	20.0	0.0
Channel				649000	650000	651000	tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.66	18.61	18.68	20.0	0.0
Channel				648668	650000	651334	tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.68	18.68	18.66	20.0	0.0
Channel				648334	650000	651668	tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.68	18.62	18.58	20.0	0.0
Channel				648000	650000	652000	tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.59	18.59	18.62	20.0	0.0
Channel				647668	650000	652334	tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.63	18.62	18.68	20.0	0.0
Channel				647500	650000	652500	tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.65	18.59	18.63	20.0	0.0
Channel				647334	650000	652668	tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.62	18.61	18.64	20.0	0.0
Channel				647168	650000	652834	tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.63	18.67	18.69	20.0	0.0
Channel				647000	650000	653000	tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.65	18.63	18.62	20.0	0.0

Part27Q n78 DSI 4 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI/2 BPSK	1	1		19.36		20.0	0.0	
100	PI/2 BPSK	1	137		19.40				
100	PI/2 BPSK	1	271		19.38		20.0	0.0	
100	PI/2 BPSK	135	0		19.31				
100	PI/2 BPSK	135	69		19.40		20.0	0.0	
100	PI/2 BPSK	135	138		19.29				
100	PI/2 BPSK	270	0		19.33		20.0	0.0	
100	QPSK	1	1		19.49				
100	QPSK	1	137		19.36		20.0	0.0	
100	QPSK	1	271		19.28				
100	QPSK	135	0		19.42		20.0	0.0	
100	QPSK	135	69		19.45				
100	QPSK	135	138		19.28		20.0	0.0	
100	QPSK	270	0		19.41				
100	16QAM	1	1		19.28		20.0	0.0	
100	64QAM	1	1		19.25				
100	256QAM	1	1		17.44		18.0	2.0	
Channel				6333000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	19.31	19.31	19.28	20.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	19.37	19.37	19.28	20.0	0.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	19.30	19.31	19.37	20.0	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	19.38	19.37	19.28	20.0	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	19.27	19.36	19.27	20.0	0.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	19.31	19.33	19.38	20.0	0.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	19.34	19.36	19.36	20.0	0.0	
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	19.37	19.34	19.25	20.0	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	19.35	19.27	19.31	20.0	0.0	
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	19.34	19.27	19.31	20.0	0.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	19.31	19.31	19.28	20.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	20.0	0.0	
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	18.88	19.01	18.88	20.0	0.0	
100	PI/2 BPSK	1	137	18.83	19.02	18.93			
100	PI/2 BPSK	1	271	18.90	19.00	18.90	20.0	0.0	
100	PI/2 BPSK	135	0	18.90	19.07	18.94			
100	PI/2 BPSK	135	69	18.82	19.01	18.91	20.0	0.0	
100	PI/2 BPSK	135	138	18.86	19.00	18.95			
100	PI/2 BPSK	270	0	18.92	19.06	18.93	20.0	0.0	
100	QPSK	1	1	18.83	19.11	18.91			
100	QPSK	1	137	18.89	18.97	18.90	20.0	0.0	
100	QPSK	1	271	18.89	18.99	18.91			
100	QPSK	135	0	18.83	19.08	18.89	20.0	0.0	
100	QPSK	135	69	18.87	19.05	18.89			
100	QPSK	135	138	18.82	19.00	18.84	20.0	0.0	
100	QPSK	270	0	18.88	19.01	18.87			
100	16QAM	1	1	18.87	19.06	18.94	20.0	0.0	
100	64QAM	1	1	18.83	19.02	18.95			
100	256QAM	1	1	16.88	16.98	16.95	18.0	2.0	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	18.75	18.94	18.85	20.0	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	18.74	18.89	18.80	20.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	18.69	18.93	18.79	20.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	18.70	18.95	18.78	20.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	18.71	18.94	18.78	20.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3674.99			
40	QPSK	1	1	18.74	18.90	18.84	20.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	18.69	18.89	18.75	20.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	18.73	18.94	18.79	20.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	1/2 BPSK	1	1	19.76	19.82	19.85	20.5	0.0
50	1/2 BPSK	1	135	19.73	19.85	19.83		
50	1/2 BPSK	1	268	19.71	19.77	19.85		
50	1/2 BPSK	135	0	19.78	19.81	19.84	20.5	0.0
50	1/2 BPSK	135	68	19.77	19.83	19.77	20.5	0.0
50	1/2 BPSK	135	135	19.77	19.87	19.84	20.5	0.0
50	1/2 BPSK	270	0	19.74	19.76	19.83		
50	QPSK	1	1	19.79	19.91	19.75		
50	QPSK	1	135	19.70	19.78	19.85	20.5	0.0
50	QPSK	1	268	19.78	19.79	19.77		
50	QPSK	135	0	19.71	19.80	19.81	20.5	0.0
50	QPSK	135	68	19.76	19.89	19.81	20.5	0.0
50	QPSK	135	135	19.81	19.80	19.79		
50	QPSK	270	0	19.78	19.85	19.78	20.5	0.0
50	16QAM	1	1	19.70	19.88	19.80	20.5	0.0
50	64QAM	1	1	19.78	19.87	19.77	20.5	0.0
50	256QAM	1	1	19.30	19.31	19.25	20.0	0.5
Channel				504000	507000	510000	tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.65	19.69	19.68	20.5	0.0
Channel				503000	507000	511000	tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.64	19.68	19.68	20.5	0.0
Channel				502500	507000	511500	tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.73	19.78	19.59	20.5	0.0
Channel				502000	507000	512000	tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	1/2 BPSK	1	1	19.68	19.78	19.70	20.5	0.0
Channel				501500	507000	512500	tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.65	19.68	19.64	20.5	0.0
Channel				501000	507000	513000	tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.69	19.78	19.69	20.5	0.0
Channel				500500	507000	513500	tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.64	19.75	19.69	20.5	0.0

n38 DSI 4 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	19.61	19.57	19.50			
40	1/2 BPSK	1	53	19.66	19.64	19.57	20.5	0.0	
40	1/2 BPSK	1	104	19.55	19.62	19.57			
40	1/2 BPSK	50	0	19.56	19.62	19.49	20.5	0.0	
40	1/2 BPSK	50	28	19.55	19.62	19.53	20.5	0.0	
40	1/2 BPSK	50	56	19.58	19.57	19.49	20.5	0.0	
40	1/2 BPSK	100	0	19.62	19.55	19.50			
40	QPSK	1	1	19.61	19.71	19.61			
40	QPSK	1	53	19.65	19.68	19.52	20.5	0.0	
40	QPSK	1	104	19.61	19.59	19.49			
40	QPSK	50	0	19.65	19.54	19.46	20.5	0.0	
40	QPSK	50	28	19.58	19.72	19.48	20.5	0.0	
40	QPSK	50	56	19.55	19.66	19.57	20.5	0.0	
40	QPSK	100	0	19.53	19.57	19.54			
40	16QAM	1	1	19.60	19.63	19.46	20.5	0.0	
40	64QAM	1	1	19.56	19.54	19.56	20.5	0.0	
40	256QAM	1	1	19.12	19.19	19.08	20.0	0.5	
Channel				517002	519000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	19.46	19.50	19.46	20.5	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	19.46	19.60	19.52	20.5	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	19.49	19.58	19.46	20.5	0.0	
Channel				515004	519000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	19.50	19.57	19.52	20.5	0.0	

n41 DSI 4 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	19.78	19.75	19.66			
100	1/2 BPSK	1	137	19.76	19.78	19.68	20.5	0.0	
100	1/2 BPSK	1	271	19.70	19.77	19.69			
100	1/2 BPSK	135	0	19.70	19.75	19.70	20.5	0.0	
100	1/2 BPSK	135	69	19.67	19.75	19.71	20.5	0.0	
100	1/2 BPSK	135	138	19.74	19.73	19.66	20.5	0.0	
100	1/2 BPSK	270	0	19.76	19.75	19.69			
100	QPSK	1	1	19.73	19.82	19.70			
100	QPSK	1	137	19.74	19.81	19.67	20.5	0.0	
100	QPSK	1	271	19.72	19.75	19.63			
100	QPSK	135	0	19.78	19.73	19.65	20.5	0.0	
100	QPSK	135	69	19.68	19.82	19.62	20.5	0.0	
100	QPSK	135	138	19.76	19.79	19.70	20.5	0.0	
100	QPSK	270	0	19.67	19.76	19.66			
100	16QAM	1	1	19.75	19.81	19.62	20.5	0.0	
100	64QAM	1	1	19.67	19.73	19.68	20.5	0.0	
100	256QAM	1	1	19.22	19.35	19.15	20.0	0.5	
Channel				508200	518598	528996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	19.60	19.74	19.66	20.5	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	19.58	19.75	19.55	20.5	0.0	
Channel				506302	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.64	19.69	19.62	20.5	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.67	19.67	19.62	20.5	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	19.63	19.78	19.55	20.5	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.61	19.72	19.61	20.5	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.65	19.74	19.55	20.5	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	19.62	19.70	19.61	20.5	0.0	
Channel				500700	518598	536996			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	19.66	19.74	19.57	20.5	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	19.67	19.72	19.59	20.5	0.0	

n41 HPUE DSI 4 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	22.07	22.71	22.50			
100	1/2 BPSK	1	137	22.06	22.77	22.43	23.5	0.0	
100	1/2 BPSK	1	271	22.01	22.77	22.47			
100	1/2 BPSK	135	0	22.04	22.80	22.51	23.5	0.0	
100	1/2 BPSK	135	69	22.09	22.76	22.43	23.5	0.0	
100	1/2 BPSK	135	138	22.06	22.80	22.48			
100	1/2 BPSK	270	0	22.11	22.75	22.54	23.5	0.0	
100	QPSK	1	1	22.03	22.83	22.54			
100	QPSK	1	137	22.02	22.78	22.48	23.5	0.0	
100	QPSK	1	271	22.07	22.72	22.44			
100	QPSK	135	0	22.10	22.73	22.44	23.5	0.0	
100	QPSK	135	69	22.01	22.75	22.44	23.5	0.0	
100	QPSK	135	138	22.03	22.71	22.49	23.5	0.0	
100	QPSK	270	0	22.02	22.73	22.54			
100	16QAM	1	1	22.10	22.70	22.53	23.5	0.0	
100	64QAM	1	1	22.03	22.68	22.47	23.5	0.0	
100	256QAM	1	1	21.54	22.32	22.06	23.0	0.5	
Channel				508200	518598	528996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	21.93	22.62	22.44	23.5	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	21.99	22.62	22.38	23.5	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	21.87	22.63	22.47	23.5	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	21.97	22.53	22.50	23.5	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	21.92	22.56	22.44	23.5	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	21.98	22.63	22.38	23.5	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	21.93	22.60	22.39	23.5	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	21.91	22.58	22.45	23.5	0.0	
Channel				500700	518598	536996			
Frequency (MHz)				2504	2592.99	2679.98			
15	QPSK	1	1	21.94	22.62	22.43	23.5	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	21.90	22.57	22.42	23.5	0.0	

Part270 n77 DSI 4 Ant 4									
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	660000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	18.92	18.95	18.77			
100	1/2 BPSK	1	137	18.97	18.98	18.77	20.0	0.0	
100	1/2 BPSK	1	271	18.96	18.91	18.85			
100	1/2 BPSK	135	0	18.85	19.01	18.85	20.0	0.0	
100	1/2 BPSK	135	69	18.96	18.96	18.85	20.0	0.0	
100	1/2 BPSK	135	138	18.87	19.00	18.96	20.0	0.0	
100	1/2 BPSK	270	0	18.86	18.91	18.80			
100	QPSK	1	1	18.92	19.00	18.83			
100	QPSK	1	137	18.91	18.90	18.76	20.0	0.0	
100	QPSK	1	271	18.86	18.96	18.85			
100	QPSK	135	0	18.86	18.98	18.77	20.0	0.0	
100	QPSK	135	69	18.86	19.03	18.81	20.0	0.0	
100	QPSK	135	138	18.96	18.94	18.79	20.0	0.0	
100	QPSK	270	0	18.91	18.92	18.82			
100	16QAM	1	1	18.94	18.93	18.78	20.0	0.0	
100	64QAM	1	1	18.94	18.99	18.79	20.0	0.0	
100	256QAM	1	1	18.89	18.98	18.76	20.0	0.0	
Channel				649668	650000	662334		MPR	
Frequency (MHz)				3745.02	3840	3935.01		up limit (dB)	
90	QPSK	1	1	18.76	18.82	18.68	20.0	0.0	
Channel				649334	650000	662668		MPR	
Frequency (MHz)				3740.01	3840	3940.02		up limit (dB)	
80	QPSK	1	1	18.97	18.84	18.77	20.0	0.0	
Channel				649000	650000	663000		MPR	
Frequency (MHz)				3735	3840	3945		up limit (dB)	
70	QPSK	1	1	18.88	18.85	18.76	20.0	0.0	
Channel				648668	650000	663334		MPR	
Frequency (MHz)				3730.02	3840	3950.01		up limit (dB)	
60	QPSK	1	1	18.81	18.80	18.76	20.0	0.0	
Channel				648334	650000	663668		MPR	
Frequency (MHz)				3725.01	3840	3955.02		up limit (dB)	
50	QPSK	1	1	18.79	18.79	18.69	20.0	0.0	
Channel				648000	650000	664000		MPR	
Frequency (MHz)				3720	3840	3960		up limit (dB)	
40	QPSK	1	1	18.88	18.84	18.78	20.0	0.0	
Channel				647668	650000	664334		MPR	
Frequency (MHz)				3715.02	3840	3965.01		up limit (dB)	
30	QPSK	1	1	18.82	18.80	18.75	20.0	0.0	
Channel				647500	650000	664500		MPR	
Frequency (MHz)				3712.5	3840	3967.5		up limit (dB)	
25	QPSK	1	1	18.85	18.82	18.77	20.0	0.0	
Channel				647334	650000	664668		MPR	
Frequency (MHz)				3710.01	3840	3970.02		up limit (dB)	
20	QPSK	1	1	18.81	18.83	18.78	20.0	0.0	
Channel				647168	650000	664834		MPR	
Frequency (MHz)				3707.52	3840	3972.51		up limit (dB)	
15	QPSK	1	1	18.82	18.82	18.70	20.0	0.0	
Channel				647000	650000	665000		MPR	
Frequency (MHz)				3705	3840	3975		up limit (dB)	
10	QPSK	1	1	18.78	18.89	18.73	20.0	0.0	

Part27Q n77 DSI 4 Ant 4									
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					633334				
Frequency (MHz)					3500.01				
100	1/2 BPSK	1	1		19.01				
100	1/2 BPSK	1	137		18.93		20.0	0.0	
100	1/2 BPSK	1	271		19.04				
100	1/2 BPSK	135	0		18.94		20.0	0.0	
100	1/2 BPSK	135	69		19.03		20.0	0.0	
100	1/2 BPSK	135	138		18.95		20.0	0.0	
100	1/2 BPSK	270	0		18.99				
100	QPSK	1	1		19.05				
100	QPSK	1	137		18.97		20.0	0.0	
100	QPSK	1	271		18.93				
100	QPSK	135	0		19.01		20.0	0.0	
100	QPSK	135	69		19.03		20.0	0.0	
100	QPSK	135	138		18.92		20.0	0.0	
100	QPSK	270	0		19.02				
100	16QAM	1	1		19.98		20.0	0.0	
100	64QAM	1	1		19.08		20.0	0.0	
100	256QAM	1	1		18.93		20.0	0.0	
Channel				633000	633334	633668		MPR	
Frequency (MHz)				3495	3500.01	3505.02		up limit (dB)	
90	QPSK	1	1	18.89	18.94	18.93	20.0	0.0	
Channel				632668	633334	634000		MPR	
Frequency (MHz)				3490.02	3500.01	3510		up limit (dB)	
80	QPSK	1	1	18.96	18.88	18.88	20.0	0.0	
Channel				632334	633334	634334		MPR	
Frequency (MHz)				3485.01	3500.01	3515.01		up limit (dB)	
70	QPSK	1	1	18.95	18.95	18.85	20.0	0.0	
Channel				632000	633334	634668		MPR	
Frequency (MHz)				3480	3500.01	3520.02		up limit (dB)	
60	QPSK	1	1	18.86	18.94	18.91	20.0	0.0	
Channel				631668	633334	635000		MPR	
Frequency (MHz)				3475.02	3500.01	3525		up limit (dB)	
50	QPSK	1	1	18.96	18.85	18.93	20.0	0.0	
Channel				631334	633334	635334		MPR	
Frequency (MHz)				3470.01	3500.01	3530.01		up limit (dB)	
40	QPSK	1	1	18.88	18.85	18.91	20.0	0.0	
Channel				631000	633334	635668		MPR	
Frequency (MHz)				3465	3500.01	3535.02		up limit (dB)	
30	QPSK	1	1	18.95	18.90	18.88	20.0	0.0	
Channel				630834	633334	635834		MPR	
Frequency (MHz)				3462.51	3500.01	3537.51		up limit (dB)	
25	QPSK	1	1	18.87	18.89	18.91	20.0	0.0	
Channel				630668	633334	636000		MPR	
Frequency (MHz)				3460.02	3500.01	3540		up limit (dB)	
20	QPSK	1	1	18.90	18.92	18.92	20.0	0.0	
Channel				630500	633334	636168		MPR	
Frequency (MHz)				3457.5	3500.01	3542.52		up limit (dB)	
15	QPSK	1	1	18.92	18.91	18.88	20.0	0.0	
Channel				630334	633334	636334		MPR	
Frequency (MHz)				3455.01	3500.01	3545.01		up limit (dB)	
10	QPSK	1	1	18.85	18.91	18.92	20.0	0.0	

Part270 n78 DSI 4 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPSK	1	1	18.84				20.0	0.0
100	1/2 BPSK	1	137	18.91				20.0	0.0
100	1/2 BPSK	1	271	18.83				20.0	0.0
100	1/2 BPSK	135	0	18.96				20.0	0.0
100	1/2 BPSK	135	69	18.85				20.0	0.0
100	1/2 BPSK	135	138	18.89				20.0	0.0
100	1/2 BPSK	270	0	18.79				20.0	0.0
100	QPSK	1	1	19.04				20.0	0.0
100	QPSK	1	137	18.78				20.0	0.0
100	QPSK	1	271	18.83				20.0	0.0
100	QPSK	135	0	18.91				20.0	0.0
100	QPSK	135	69	18.93				20.0	0.0
100	QPSK	135	138	18.78				20.0	0.0
100	QPSK	270	0	18.88				20.0	0.0
100	16QAM	1	1	18.77				20.0	0.0
100	64QAM	1	1	18.84				20.0	0.0
100	256QAM	1	1	18.83				20.0	0.0
Channel				496968	650000	650334	up limit	MPR (dB)	
Frequency (MHz)				3745.02	3750	3756.01	up limit		
90	QPSK	1	1	18.89	18.95	18.99	20.0	0.0	
Channel				488334	650000	650668	up limit	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	up limit		
80	QPSK	1	1	18.96	18.90	18.97	20.0	0.0	
Channel				649000	650000	651000	up limit	MPR (dB)	
Frequency (MHz)				3735	3750	3765	up limit		
70	QPSK	1	1	18.97	18.90	18.98	20.0	0.0	
Channel				488668	650000	651334	up limit	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	up limit		
60	QPSK	1	1	18.89	18.94	18.92	20.0	0.0	
Channel				488334	650000	651668	up limit	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	up limit		
50	QPSK	1	1	18.99	18.97	18.93	20.0	0.0	
Channel				648000	650000	652000	up limit	MPR (dB)	
Frequency (MHz)				3720	3750	3780	up limit		
40	QPSK	1	1	18.89	18.95	18.94	20.0	0.0	
Channel				647668	650000	652334	up limit	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	up limit		
30	QPSK	1	1	19.00	18.95	18.98	20.0	0.0	
Channel				647500	650000	652500	up limit	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5	up limit		
25	QPSK	1	1	18.94	18.95	18.93	20.0	0.0	
Channel				647334	650000	652668	up limit	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	up limit		
20	QPSK	1	1	18.90	18.94	18.91	20.0	0.0	
Channel				647168	650000	652834	up limit	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	up limit		
15	QPSK	1	1	18.90	18.91	18.90	20.0	0.0	
Channel				647000	650000	653000	up limit	MPR (dB)	
Frequency (MHz)				3705	3750	3795	up limit		
10	QPSK	1	1	18.89	18.98	18.96	20.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	18.89				
100	PI/2 BPSK	1	137	18.88			20.0	0.0
100	PI/2 BPSK	1	271	18.92				
100	PI/2 BPSK	135	0	18.87			20.0	0.0
100	PI/2 BPSK	135	69	18.96			20.0	0.0
100	PI/2 BPSK	135	138	18.84			20.0	0.0
100	PI/2 BPSK	270	0	18.86				
100	QPSK	1	1	18.99				
100	QPSK	1	137	18.88			20.0	0.0
100	QPSK	1	271	18.87				
100	QPSK	135	0	18.87			20.0	0.0
100	QPSK	135	69	18.96			20.0	0.0
100	QPSK	135	138	18.83			20.0	0.0
100	QPSK	270	0	18.87				
100	16QAM	1	1	18.93			20.0	0.0
100	64QAM	1	1	18.88			20.0	0.0
100	256QAM	1	1	18.88			20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.93	18.91	18.92	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.90	18.92	18.89	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.85	18.93	18.86	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.92	18.94	18.92	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.85	18.84	18.85	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.91	18.83	18.89	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.89	18.67	18.85	20.0	0.0
Channel				630834	633334	635934	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.91	18.94	18.90	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.90	18.84	18.94	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.87	18.85	18.87	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.94	18.85	18.92	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	18.40	18.52	18.29		
100	PI/2 BPSK	1	137	18.43	18.54	18.36	20.0	0.0
100	PI/2 BPSK	1	271	18.42	18.44	18.25		
100	PI/2 BPSK	135	0	18.34	18.49	18.32	20.0	0.0
100	PI/2 BPSK	135	69	18.39	18.45	18.26	20.0	0.0
100	PI/2 BPSK	135	138	18.33	18.43	18.30	20.0	0.0
100	PI/2 BPSK	270	0	18.37	18.43	18.33		
100	QPSK	1	1	18.34	18.59	18.30		
100	QPSK	1	137	18.42	18.53	18.31	20.0	0.0
100	QPSK	1	271	18.40	18.53	18.33		
100	QPSK	135	0	18.37	18.42	18.28	20.0	0.0
100	QPSK	135	69	18.34	18.55	18.33	20.0	0.0
100	QPSK	135	138	18.44	18.47	18.34	20.0	0.0
100	QPSK	270	0	18.34	18.52	18.30		
100	16QAM	1	1	18.36	18.54	18.29	20.0	0.0
100	64QAM	1	1	18.37	18.44	18.28	20.0	0.0
100	256QAM	1	1	18.32	18.48	18.27	20.0	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.25	18.33	18.15	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	18.27	18.34	18.16	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.26	18.41	18.16	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.28	18.41	18.17	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	18.19	18.39	18.25	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3674.99		
40	QPSK	1	1	18.25	18.32	18.22	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.22	18.35	18.24	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.26	18.38	18.16	20.0	0.0

n41 DSI 4 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	22.38	22.43	22.38		
100	1/2 BPSK	1	137	22.37	22.43	22.40	24.0	0.0
100	1/2 BPSK	1	271	22.42	22.46	22.33		
100	1/2 BPSK	135	0	22.03	22.01	22.00	23.5	0.5
100	1/2 BPSK	135	69	22.44	22.46	22.38	24.0	0.0
100	1/2 BPSK	135	138	22.02	22.01	21.94		
100	1/2 BPSK	270	0	21.98	21.98	21.95	23.5	0.5
100	QPSK	1	1	22.51	22.54	22.46		
100	QPSK	1	137	22.44	22.40	22.40	24.0	0.0
100	QPSK	1	271	22.45	22.40	22.42		
100	QPSK	135	0	21.50	21.56	21.50	23.0	1.0
100	QPSK	135	69	22.37	22.42	22.41	24.0	0.0
100	QPSK	135	138	21.50	21.51	21.46	23.0	1.0
100	QPSK	270	0	21.53	21.58	21.52		
100	16QAM	1	1	21.48	21.51	21.46	23.0	1.0
100	64QAM	1	1	20.01	20.06	19.98	21.5	2.5
100	256QAM	1	1	18.01	18.02	17.95	19.5	4.5
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.40	22.48	22.38	24.0	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.40	22.43	22.35	24.0	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.43	22.38	22.40	24.0	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.35	22.39	22.35	24.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.42	22.50	22.35	24.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.42	22.48	22.33	24.0	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.40	22.49	22.34	24.0	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.47	22.42	22.37	24.0	0.0
Channel				500700	518598	536996		
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.46	22.47	22.39	24.0	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.37	22.40	22.34	24.0	0.0

n7 DSI 4 Ant 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	1/2 BPS	1	1	23.62	23.77	23.70		
50	1/2 BPS	1	135	23.53	23.68	23.63	24.5	0.0
50	1/2 BPS	1	268	23.51	23.70	23.64		
50	1/2 BPS	135	0	23.17	23.26	23.25	24.0	0.5
50	1/2 BPS	135	68	23.48	23.65	23.60	24.5	0.0
50	1/2 BPS	135	135	23.09	23.31	23.26	24.0	0.5
50	1/2 BPS	270	0	23.18	23.32	23.16		
50	QPSK	1	1	23.55	23.81	23.71		
50	QPSK	1	135	23.50	23.76	23.61	24.5	0.0
50	QPSK	1	268	23.40	23.68	23.67		
50	QPSK	135	0	22.59	22.88	22.70	23.5	1.0
50	QPSK	135	68	23.54	23.62	23.55	24.5	0.0
50	QPSK	135	135	22.60	22.87	22.71		
50	QPSK	270	0	22.52	22.59	22.47	23.5	1.0
50	16QAM	1	1	22.60	22.75	22.64	23.5	1.0
50	64QAM	1	1	21.34	21.41	21.30	22.0	2.5
50	256QAM	1	1	19.41	19.48	19.42	20.0	4.5
Channel				504000	507000	510000	tune up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.48	23.71	23.57	24.5	0.0
Channel				503000	507000	511000	tune up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.47	23.66	23.58	24.5	0.0
Channel				502500	507000	511500	tune up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.44	23.71	23.61	24.5	0.0
Channel				502000	507000	512000	tune up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	1/2 BPS	1	1	23.45	23.72	23.63	24.5	0.0
Channel				501500	507000	512500	tune up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.48	23.77	23.68	24.5	0.0
Channel				501000	507000	513000	tune up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.43	23.68	23.65	24.5	0.0
Channel				500500	507000	513500	tune up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.40	23.70	23.60	24.5	0.0

n41 DSI 4 Ant 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	21.91	21.92	21.82	23.0	0.0
100	1/2 BPSK	1	137	21.82	21.89	21.86		
100	1/2 BPSK	1	271	21.91	21.91	21.86		
100	1/2 BPSK	135	0	21.46	21.46	21.52	22.5	0.5
100	1/2 BPSK	135	69	21.88	21.88	21.81	23.0	0.0
100	1/2 BPSK	135	138	21.41	21.52	21.46	22.5	0.5
100	1/2 BPSK	270	0	21.42	21.53	21.49		
100	QPSK	1	1	21.95	21.98	21.97		
100	QPSK	1	137	21.89	21.86	21.88	23.0	0.0
100	QPSK	1	271	21.83	21.93	21.87		
100	QPSK	135	0	21.00	20.93	20.96	22.0	1.0
100	QPSK	135	69	21.81	21.84	21.81	23.0	0.0
100	QPSK	135	138	20.99	20.99	21.00		
100	QPSK	270	0	20.92	21.00	20.98	22.0	1.0
100	16QAM	1	1	21.01	20.93	20.97	22.0	1.0
100	64QAM	1	1	19.50	19.50	19.49	20.5	2.5
100	256QAM	1	1	17.44	17.53	17.52	18.5	4.5
Channel				508200	518598	528996	tune up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.90	21.94	21.91	23.0	0.0
Channel				507204	518598	529998	tune up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.90	21.86	21.93	23.0	0.0
Channel				506202	518598	531000	tune up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.90	21.92	21.90	23.0	0.0
Channel				505200	518598	531996	tune up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.89	21.86	21.90	23.0	0.0
Channel				504204	518598	532998	tune up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.87	21.84	21.93	23.0	0.0
Channel				503202	518598	534000	tune up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.89	21.92	21.84	23.0	0.0
Channel				502200	518598	534996	tune up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.88	21.89	21.86	23.0	0.0
Channel				501204	518598	535998	tune up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.87	21.84	21.85	23.0	0.0
Channel				500100	518598	536996	tune up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.90	21.92	21.90	23.0	0.0
Channel				500202	518598	537000	tune up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.84	21.92	21.83	23.0	0.0

Reduced Power Mode for DSI 6

n5 Ant 0 DSI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	22.75	22.87	22.73			
20	1/2 BPSK	1	53	22.82	22.81	22.73	23.5	0.0	
20	1/2 BPSK	1	104	22.75	22.87	22.70			
20	1/2 BPSK	50	0	22.84	22.82	22.66	23.5	0.0	
20	1/2 BPSK	50	28	22.74	22.83	22.75	23.5	0.0	
20	1/2 BPSK	50	56	22.74	22.85	22.66			
20	1/2 BPSK	100	0	22.75	22.80	22.66	23.5	0.0	
20	QPSK	1	1	22.78	22.88	22.73			
20	QPSK	1	53	22.83	22.78	22.76	23.5	0.0	
20	QPSK	1	104	22.81	22.82	22.66			
20	QPSK	50	0	22.84	22.80	22.75	23.5	0.0	
20	QPSK	50	28	22.82	22.86	22.72	23.5	0.0	
20	QPSK	50	56	22.85	22.78	22.67			
20	QPSK	100	0	22.77	22.81	22.68	23.5	0.0	
20	16QAM	1	1	22.85	22.83	22.68	23.5	0.0	
20	64QAM	1	1	21.29	21.33	21.21	22.0	1.5	
20	256QAM	1	1	19.28	19.29	19.20	20.0	3.5	
Channel				166300	167300	168300	tune-up limit	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.67	22.77	22.62	23.5	0.0	
Channel				165800	167300	168800	tune-up limit	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.74	22.81	22.57	23.5	0.0	
Channel				165300	167300	169300	tune-up limit	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	22.71	22.77	22.60	23.5	0.0	

n71 Ant 0 DSI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	1/2 BPSK	1	1	21.26	21.36	21.31			
20	1/2 BPSK	1	53	21.25	21.36	21.28	22.0	0.0	
20	1/2 BPSK	1	104	21.33	21.41	21.26			
20	1/2 BPSK	50	0	21.30	21.41	21.26	22.0	0.0	
20	1/2 BPSK	50	28	21.25	21.34	21.23	22.0	0.0	
20	1/2 BPSK	50	56	21.32	21.41	21.28			
20	1/2 BPSK	100	0	21.24	21.37	21.33	22.0	0.0	
20	QPSK	1	1	21.39	21.42	21.31			
20	QPSK	1	53	21.31	21.40	21.33	22.0	0.0	
20	QPSK	1	104	21.33	21.39	21.26			
20	QPSK	50	0	21.25	21.37	21.26	22.0	0.0	
20	QPSK	50	28	21.32	21.38	21.29	22.0	0.0	
20	QPSK	50	56	21.30	21.32	21.30			
20	QPSK	100	0	21.26	21.35	21.32	22.0	0.0	
20	16QAM	1	1	21.29	21.33	21.22	22.0	0.0	
20	64QAM	1	1	21.31	21.32	21.26	22.0	0.0	
20	256QAM	1	1	19.27	19.42	19.24	20.0	2.0	
Channel				134100	136100	138100	tune-up limit	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	21.06	21.20	21.11	22.0	0.0	
Channel				133600	136100	138600	tune-up limit	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	21.14	21.16	21.08	22.0	0.0	
Channel				133100	136100	139100	tune-up limit	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	21.04	21.18	21.10	22.0	0.0	

n41 Ant 0 DSI 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	16.26	16.27	16.16		
100	1/2 BPSK	1	137	16.25	16.24	16.18	17.5	0.0
100	1/2 BPSK	1	271	16.27	16.22	16.20		
100	1/2 BPSK	135	0	16.23	16.24	16.14	17.5	0.0
100	1/2 BPSK	135	69	16.16	16.26	16.22	17.5	0.0
100	1/2 BPSK	135	138	16.18	16.22	16.23		
100	1/2 BPSK	270	0	16.24	16.21	16.19	17.5	0.0
100	QPSK	1	1	16.26	16.31	16.25		
100	QPSK	1	137	16.22	16.30	16.16	17.5	0.0
100	QPSK	1	271	16.25	16.29	16.15		
100	QPSK	135	0	16.21	16.23	16.23	17.5	0.0
100	QPSK	135	69	16.23	16.27	16.21	17.5	0.0
100	QPSK	135	138	16.22	16.25	16.20		
100	QPSK	270	0	16.20	16.24	16.16	17.5	0.0
100	16QAM	1	1	16.16	16.24	16.13	17.5	0.0
100	64QAM	1	1	16.18	16.30	16.13	17.5	0.0
100	256QAM	1	1	16.24	16.24	16.22	17.5	0.0
Channel				508200	518598	528996	tune up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.17	16.20	16.02	17.5	0.0
Channel				507204	518598	529998	tune up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.17	16.22	15.97	17.5	0.0
Channel				506202	518598	531000	tune up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.15	16.18	15.95	17.5	0.0
Channel				505200	518598	531996	tune up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.11	16.21	16.05	17.5	0.0
Channel				504204	518598	532998	tune up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.19	16.14	15.96	17.5	0.0
Channel				503202	518598	534000	tune up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.09	16.20	16.03	17.5	0.0
Channel				502200	518598	534996	tune up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.16	16.24	15.97	17.5	0.0
Channel				501204	518598	535998	tune up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.10	16.24	15.95	17.5	0.0
Channel				500100	518598	536996	tune up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.14	16.16	16.00	17.5	0.0
Channel				500202	518598	537000	tune up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.10	16.24	15.95	17.5	0.0

n2 Ant 2 DSI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	1/2 BPSK	1	1	18.13	18.10	17.94	19.0	0.0	
20	1/2 BPSK	1	53	18.13	18.16	17.89			
20	1/2 BPSK	1	104	18.17	18.16	17.95			
20	1/2 BPSK	50	0	18.12	18.11	17.94	19.0	0.0	
20	1/2 BPSK	50	28	18.18	18.12	17.95	19.0	0.0	
20	1/2 BPSK	50	56	18.13	18.18	17.97	19.0	0.0	
20	1/2 BPSK	100	0	18.14	18.19	17.89			
20	QPSK	1	1	18.09	18.20	18.11			
20	QPSK	1	53	18.18	18.16	17.97	19.0	0.0	
20	QPSK	1	104	18.17	18.16	17.93			
20	QPSK	50	0	18.13	18.15	17.90	19.0	0.0	
20	QPSK	50	28	18.15	18.18	18.03	19.0	0.0	
20	QPSK	50	56	18.11	18.09	17.87			
20	QPSK	100	0	18.11	18.16	18.05	19.0	0.0	
20	16QAM	1	1	18.11	18.18	17.93	19.0	0.0	
20	64QAM	1	1	18.16	18.11	17.89	19.0	0.0	
20	256QAM	1	1	18.13	18.14	17.99	19.0	0.0	
Channel				371500	376000	380500	tune-up limit	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	18.07	17.92	17.85	19.0	0.0	
Channel				371000	376000	381000	tune-up limit	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	17.99	18.02	17.88	19.0	0.0	
Channel				370500	376000	381500	tune-up limit	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	18.08	17.96	17.85	19.0	0.0	

n66 Ant 2 DSI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	1/2 BPSK	1	1	17.78	17.77	17.81			
40	1/2 BPSK	1	108	17.81	17.78	17.78	18.5	0.0	
40	1/2 BPSK	1	214	17.79	17.84	17.78			
40	1/2 BPSK	108	0	17.71	17.83	17.73	18.5	0.0	
40	1/2 BPSK	108	54	17.74	17.80	17.81	18.5	0.0	
40	1/2 BPSK	108	108	17.80	17.85	17.79	18.5	0.0	
40	1/2 BPSK	216	0	17.71	17.83	17.74			
40	QPSK	1	1	17.71	17.87	17.84			
40	QPSK	1	108	17.81	17.84	17.79	18.5	0.0	
40	QPSK	1	214	17.77	17.82	17.81			
40	QPSK	108	0	17.76	17.80	17.80	18.5	0.0	
40	QPSK	108	54	17.80	17.84	17.76	18.5	0.0	
40	QPSK	108	108	17.81	17.80	17.82	18.5	0.0	
40	QPSK	216	0	17.78	17.83	17.78			
40	16QAM	1	1	17.72	17.83	17.73	18.5	0.0	
40	64QAM	1	1	17.72	17.79	17.79	18.5	0.0	
40	256QAM	1	1	17.76	17.81	17.82	18.5	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	17.57	17.57	17.58	18.5	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	17.58	17.60	17.60	18.5	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	17.57	17.63	17.64	18.5	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	17.61	17.62	17.58	18.5	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	17.60	17.58	17.62	18.5	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	17.59	17.62	17.66	18.5	0.0	

Part270 n77 Ant 2 DSI 6										
BW [MHz]	Modulation	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	1/2 BPSK	1	1	16.75	16.83	16.69				
100	1/2 BPSK	1	137	16.71	16.80	16.69	17.5	0.0		
100	1/2 BPSK	1	271	16.72	16.83	16.76				
100	1/2 BPSK	135	0	16.73	16.75	16.79	17.5	0.0		
100	1/2 BPSK	135	69	16.78	16.76	16.70	17.5	0.0		
100	1/2 BPSK	135	138	16.73	16.81	16.75				
100	1/2 BPSK	270	0	16.73	16.83	16.79				
100	QPSK	1	1	16.82	16.86	16.75				
100	QPSK	1	137	16.73	16.85	16.72	17.5	0.0		
100	QPSK	1	271	16.70	16.77	16.71				
100	QPSK	135	0	16.80	16.84	16.71	17.5	0.0		
100	QPSK	135	69	16.71	16.85	16.80	17.5	0.0		
100	QPSK	135	138	16.80	16.81	16.79				
100	QPSK	270	0	16.74	16.80	16.79				
100	16QAM	1	1	16.81	16.79	16.70	17.5	0.0		
100	64QAM	1	1	16.75	16.82	16.75	17.5	0.0		
100	256QAM	1	1	16.81	16.77	16.73	17.5	0.0		
Channel				649668	650000	662334				
Frequency (MHz)				3745.02	3840	3935.01				
90	QPSK	1	1	16.46	16.61	16.64	17.5	0.0		
Channel				649334	650000	662668				
Frequency (MHz)				3740.01	3840	3940.02				
80	QPSK	1	1	16.51	16.59	16.65	17.5	0.0		
Channel				649000	650000	663000				
Frequency (MHz)				3735	3840	3945				
70	QPSK	1	1	16.49	16.63	16.63	17.5	0.0		
Channel				648668	650000	663334				
Frequency (MHz)				3730.02	3840	3950.01				
60	QPSK	1	1	16.50	16.65	16.62	17.5	0.0		
Channel				648334	650000	663668				
Frequency (MHz)				3725.01	3840	3955.02				
50	QPSK	1	1	16.53	16.67	16.66	17.5	0.0		
Channel				648000	650000	664000				
Frequency (MHz)				3720	3840	3960				
40	QPSK	1	1	16.47	16.70	16.58	17.5	0.0		
Channel				647668	650000	664334				
Frequency (MHz)				3715.02	3840	3965.01				
30	QPSK	1	1	16.55	16.71	16.69	17.5	0.0		
Channel				647500	650000	664500				
Frequency (MHz)				3712.5	3840	3967.5				
25	QPSK	1	1	16.48	16.62	16.59	17.5	0.0		
Channel				647334	650000	664668				
Frequency (MHz)				3710.01	3840	3970.02				
20	QPSK	1	1	16.44	16.61	16.64	17.5	0.0		
Channel				647168	650000	664834				
Frequency (MHz)				3707.52	3840	3972.51				
15	QPSK	1	1	16.51	16.66	16.61	17.5	0.0		
Channel				647000	650000	665000				
Frequency (MHz)				3705	3840	3975				
10	QPSK	1	1	16.54	16.64	16.63	17.5	0.0		

Part27Q n77 Ant 2 DSI 6										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel					633334					
Frequency (MHz)					3500.01					
100	1/2 BPSK	1	1		16.77					
100	1/2 BPSK	1	137		16.81		17.5	0.0		
100	1/2 BPSK	1	271		16.83					
100	1/2 BPSK	135	0		16.83		17.5	0.0		
100	1/2 BPSK	135	69		16.85		17.5	0.0		
100	1/2 BPSK	135	138		16.83		17.5	0.0		
100	1/2 BPSK	270	0		16.83					
100	QPSK	1	1		16.89					
100	QPSK	1	137		16.90		17.5	0.0		
100	QPSK	1	271		16.86					
100	QPSK	135	0		16.90		17.5	0.0		
100	QPSK	135	69		16.83		17.5	0.0		
100	QPSK	135	138		16.82					
100	QPSK	270	0		16.78		17.5	0.0		
100	16QAM	1	1		16.81		17.5	0.0		
100	64QAM	1	1		16.84		17.5	0.0		
100	256QAM	1	1		16.78		17.5	0.0		
Channel				633000	633334	633668				
Frequency (MHz)				3495	3500.01	3505.02				
90	QPSK	1	1	16.65	16.58	16.56	17.5	0.0		
Channel				632668	633334	634000				
Frequency (MHz)				3490.02	3500.01	3510				
80	QPSK	1	1	16.60	16.62	16.58	17.5	0.0		
Channel				632334	633334	634334				
Frequency (MHz)				3485.01	3500.01	3515.01				
70	QPSK	1	1	16.60	16.64	16.63	17.5	0.0		
Channel				632000	633334	634668				
Frequency (MHz)				3480	3500.01	3520.02				
60	QPSK	1	1	16.59	16.64	16.64	17.5	0.0		
Channel				631668	633334	635000				
Frequency (MHz)				3475.02	3500.01	3525				
50	QPSK	1	1	16.67	16.64	16.60	17.5	0.0		
Channel				631334	633334	635334				
Frequency (MHz)				3470.01	3500.01	3530.01				
40	QPSK	1	1	16.60	16.59	16.64	17.5	0.0		
Channel				631000	633334	635668				
Frequency (MHz)				3465	3500.01	3535.02				
30	QPSK	1	1	16.60	16.59	16.62	17.5	0.0		
Channel				630834	633334	635834				
Frequency (MHz)				3462.51	3500.01	3537.51				
25	QPSK	1	1	16.61	16.61	16.64	17.5	0.0		
Channel				630668	633334	636000				
Frequency (MHz)				3460.02	3500.01	3540				
20	QPSK	1	1	16.63	16.62	16.56	17.5	0.0		
Channel				630500	633334	636168				
Frequency (MHz)				3457.5	3500.01	3542.52				
15	QPSK	1	1	16.57	16.57	16.57	17.5	0.0		
Channel				630334	633334	636334				
Frequency (MHz)				3455.01	3500.01	3545.01				
10	QPSK	1	1	16.65	16.62	16.66	17.5	0.0		

Part270 n78 Ant 2 DSI 6										
BW [MHz]	Modulat on	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel					650000					
Frequency (MHz)					3750					
100	1/2 BPSK	1	1		16.81					
100	1/2 BPSK	1	137		16.87		17.5	0.0		
100	1/2 BPSK	1	271		16.85					
100	1/2 BPSK	135	0		16.79		17.5	0.0		
100	1/2 BPSK	135	69		16.78		17.5	0.0		
100	1/2 BPSK	135	138		16.87					
100	1/2 BPSK	270	0		16.87		17.5	0.0		
100	QPSK	1	1		16.88					
100	QPSK	1	137		16.87		17.5	0.0		
100	QPSK	1	271		16.81					
100	QPSK	135	0		16.80		17.5	0.0		
100	QPSK	135	69		16.87		17.5	0.0		
100	QPSK	135	138		16.77		17.5	0.0		
100	QPSK	270	0		16.79		17.5	0.0		
100	16QAM	1	1		16.87		17.5	0.0		
100	64QAM	1	1		16.87		17.5	0.0		
100	256QAM	1	1		16.83		17.5	0.0		
Channel				649668	650000	650334	1 tune-up limit	MPR (dB)		
Frequency (MHz)				3745.02	3750	3755.01	1 tune-up limit	MPR (dB)		
90	QPSK	1	1	16.65	16.69	16.67	17.5	0.0		
Channel				649334	650000	650666	1 tune-up limit	MPR (dB)		
Frequency (MHz)				3740.01	3750	3760.02	1 tune-up limit	MPR (dB)		
80	QPSK	1	1	16.68	16.73	16.73	17.5	0.0		
Channel				649000	650000	651000	1 tune-up limit	MPR (dB)		
Frequency (MHz)				3735	3750	3765	1 tune-up limit	MPR (dB)		
70	QPSK	1	1	16.63	16.72	16.70	17.5	0.0		
Channel				648668	650000	651334	1 tune-up limit	MPR (dB)		
Frequency (MHz)				3730.02	3750	3770.01	1 tune-up limit	MPR (dB)		
60	QPSK	1	1	16.70	16.69	16.64	17.5	0.0		
Channel				648334	650000	651666	1 tune-up limit	MPR (dB)		
Frequency (MHz)				3725.01	3750	3775.02	1 tune-up limit	MPR (dB)		
50	QPSK	1	1	16.59	16.67	16.72	17.5	0.0		
Channel				648000	650000	652000	1 tune-up limit	MPR (dB)		
Frequency (MHz)				3720	3750	3780	1 tune-up limit	MPR (dB)		
40	QPSK	1	1	16.62	16.78	16.69	17.5	0.0		
Channel				647668	650000	652334	1 tune-up limit	MPR (dB)		
Frequency (MHz)				3715.02	3750	3785.01	1 tune-up limit	MPR (dB)		
30	QPSK	1	1	16.68	16.69	16.67	17.5	0.0		
Channel				647500	650000	652500	1 tune-up limit	MPR (dB)		
Frequency (MHz)				3712.5	3750	3787.5	1 tune-up limit	MPR (dB)		
25	QPSK	1	1	16.70	16.70	16.67	17.5	0.0		
Channel				647334	650000	652666	1 tune-up limit	MPR (dB)		
Frequency (MHz)				3710.01	3750	3793.02	1 tune-up limit	MPR (dB)		
20	QPSK	1	1	16.62	16.79	16.73	17.5	0.0		
Channel				647168	650000	652834	1 tune-up limit	MPR (dB)		
Frequency (MHz)				3707.52	3750	3792.51	1 tune-up limit	MPR (dB)		
15	QPSK	1	1	16.64	16.76	16.70	17.5	0.0		
Channel				647000	650000	653000	1 tune-up limit	MPR (dB)		
Frequency (MHz)				3705	3750	3795	1 tune-up limit	MPR (dB)		
10	QPSK	1	1	16.65	16.79	16.69	17.5	0.0		

Part27Q n78 Ant 2 DSI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633334				
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		16.86				
100	PI/2 BPSK	1	137		16.87		17.5	0.0	
100	PI/2 BPSK	1	271		16.83				
100	PI/2 BPSK	135	0		16.87		17.5	0.0	
100	PI/2 BPSK	135	69		16.79		17.5	0.0	
100	PI/2 BPSK	135	138		16.77		17.5	0.0	
100	PI/2 BPSK	270	0		16.82				
100	QPSK	1	1		16.88				
100	QPSK	1	137		16.78		17.5	0.0	
100	QPSK	1	271		16.82				
100	QPSK	135	0		16.84		17.5	0.0	
100	QPSK	135	69		16.85		17.5	0.0	
100	QPSK	135	138		16.80		17.5	0.0	
100	QPSK	270	0		16.81		17.5	0.0	
100	16QAM	1	1		16.82		17.5	0.0	
100	64QAM	1	1		16.84		17.5	0.0	
100	256QAM	1	1		16.86		17.5	0.0	
Channel				633000	633334	633668	tune-up limit	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	16.45	16.50	16.42	17.5	0.0	
Channel				632668	633334	634000	tune-up limit	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	16.47	16.49	16.51	17.5	0.0	
Channel				632334	633334	634334	tune-up limit	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	16.46	16.51	16.41	17.5	0.0	
Channel				632000	633334	634668	tune-up limit	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	16.40	16.53	16.44	17.5	0.0	
Channel				631668	633334	635000	tune-up limit	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	16.41	16.49	16.46	17.5	0.0	
Channel				631334	633334	635334	tune-up limit	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	16.45	16.51	16.53	17.5	0.0	
Channel				631000	633334	635668	tune-up limit	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	16.47	16.51	16.52	17.5	0.0	
Channel				630834	633334	635834	tune-up limit	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	16.49	16.45	16.52	17.5	0.0	
Channel				630668	633334	636000	tune-up limit	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	16.38	16.50	16.42	17.5	0.0	
Channel				630500	633334	636168	tune-up limit	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	16.48	16.52	16.48	17.5	0.0	
Channel				630334	633334	636334	tune-up limit	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	16.45	16.45	16.49	17.5	0.0	

Part96 n77&78 PC3 Ant2 DSI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	15.88	16.79	15.93			
100	PI/2 BPSK	1	137	15.90	16.82	15.96	17.5	0.0	
100	PI/2 BPSK	1	271	15.87	16.84	15.95			
100	PI/2 BPSK	135	0	15.84	16.87	16.03	17.5	0.0	
100	PI/2 BPSK	135	69	15.84	16.85	15.99	17.5	0.0	
100	PI/2 BPSK	135	138	15.89	16.81	15.95	17.5	0.0	
100	PI/2 BPSK	270	0	15.92	16.86	16.00			
100	QPSK	1	1	15.83	16.89	16.03			
100	QPSK	1	137	15.90	16.82	15.99	17.5	0.0	
100	QPSK	1	271	15.84	16.79	16.02			
100	QPSK	135	0	15.91	16.87	15.96	17.5	0.0	
100	QPSK	135	69	15.87	16.88	15.96	17.5	0.0	
100	QPSK	135	138	15.93	16.81	16.05	17.5	0.0	
100	QPSK	270	0	15.92	16.86	16.00	17.5	0.0	
100	16QAM	1	1	15.82	16.83	16.00	17.5	0.0	
100	64QAM	1	1	15.83	16.79	16.03	17.5	0.0	
100	256QAM	1	1	15.92	16.78	16.03	17.5	0.0	
Channel				639668	641666	643666	tune-up limit	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	15.72	16.00	15.97	17.5	0.0	
Channel				639334	641666	644000	tune-up limit	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	15.78	15.90	15.91	17.5	0.0	
Channel				639000	641666	644332	tune-up limit	MPR (dB)	
Frequency (MHz)				3585	3624.99	3684.98			
70	QPSK	1	1	15.74	15.98	15.92	17.5	0.0	
Channel				638668	641666	644668	tune-up limit	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	15.78	15.97	15.99	17.5	0.0	
Channel				638334	641666	645000	tune-up limit	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	15.70	15.96	15.97	17.5	0.0	
Channel				638000	641666	645332	tune-up limit	MPR (dB)	
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	15.69	15.97	15.92	17.5	0.0	
Channel				637668	641666	645666	tune-up limit	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	15.79	15.93	15.95	17.5	0.0	
Channel				637334	641666	646000	tune-up limit	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	15.79	15.96	15.91	17.5	0.0	

Part270 n77 Ant 3 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	17.18	17.26	17.11		
100	1/2 BPSK	1	137	17.16	17.21	17.17	18.5	0.0
100	1/2 BPSK	1	271	17.21	17.26	17.17		
100	1/2 BPSK	135	0	17.18	17.23	17.15	18.5	0.0
100	1/2 BPSK	135	69	17.21	17.24	17.13	18.5	0.0
100	1/2 BPSK	135	138	17.20	17.26	17.10	18.5	0.0
100	1/2 BPSK	270	0	17.18	17.19	17.14		
100	QPSK	1	1	17.25	17.29	17.21		
100	QPSK	1	137	17.12	17.20	17.13	18.5	0.0
100	QPSK	1	271	17.18	17.18	17.15		
100	QPSK	135	0	17.22	17.18	17.17	18.5	0.0
100	QPSK	135	69	17.14	17.28	17.16	18.5	0.0
100	QPSK	135	138	17.17	17.19	17.13	18.5	0.0
100	QPSK	270	0	17.16	17.21	17.19	18.5	0.0
100	16QAM	1	1	17.12	17.19	17.20	18.5	0.0
100	64QAM	1	1	17.16	17.25	17.21	18.5	0.0
100	256QAM	1	1	16.66	16.70	16.68	18.0	0.5
Channel				649668	656000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.00	17.12	17.04	18.5	0.0
Channel				649334	656000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.91	17.03	17.02	18.5	0.0
Channel				649000	656000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.94	17.12	16.99	18.5	0.0
Channel				648668	656000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.99	17.14	17.04	18.5	0.0
Channel				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.93	17.03	17.05	18.5	0.0
Channel				648000	656000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.01	17.13	16.99	18.5	0.0
Channel				647668	656000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.98	17.03	16.99	18.5	0.0
Channel				647500	656000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.97	17.11	17.02	18.5	0.0
Channel				647334	656000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.91	17.13	17.04	18.5	0.0
Channel				647168	656000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.94	17.11	17.05	18.5	0.0
Channel				647000	656000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.01	17.06	17.04	18.5	0.0

Part27Q n77 Ant 3 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		18.00			
100	1/2 BPSK	1	137		18.05		18.5	0.0
100	1/2 BPSK	1	271		18.01			
100	1/2 BPSK	135	0		18.04		18.5	0.0
100	1/2 BPSK	135	69		18.00		18.5	0.0
100	1/2 BPSK	135	138		18.04		18.5	0.0
100	1/2 BPSK	270	0		18.04			
100	QPSK	1	1		18.08			
100	QPSK	1	137		17.99		18.5	0.0
100	QPSK	1	271		17.98			
100	QPSK	135	0		18.01		18.5	0.0
100	QPSK	135	69		18.05		18.5	0.0
100	QPSK	135	138		17.99		18.5	0.0
100	QPSK	270	0		18.03		18.5	0.0
100	16QAM	1	1		17.97		18.5	0.0
100	64QAM	1	1		17.98		18.5	0.0
100	256QAM	1	1		17.50		18.0	0.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.80	17.84	17.86	18.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.76	17.88	17.82	18.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.70	17.89	17.84	18.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.82	17.78	17.89	18.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.85	17.83	17.90	18.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.80	17.86	17.89	18.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.81	17.90	17.90	18.5	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.85	17.97	17.87	18.5	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.74	17.81	17.89	18.5	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.78	17.87	17.82	18.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.84	17.82	17.82	18.5	0.0

Part27O n78 Ant 3 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		17.35			
100	1/2 BPSK	1	137		17.37		18.5	0.0
100	1/2 BPSK	1	271		17.34			
100	1/2 BPSK	135	0		17.36		18.5	0.0
100	1/2 BPSK	135	69		17.31		18.5	0.0
100	1/2 BPSK	135	138		17.30		18.5	0.0
100	1/2 BPSK	270	0		17.38			
100	QPSK	1	1		17.40			
100	QPSK	1	137		17.32		18.5	0.0
100	QPSK	1	271		17.38			
100	QPSK	135	0		17.34		18.5	0.0
100	QPSK	135	69		17.36		18.5	0.0
100	QPSK	135	138		17.33		18.5	0.0
100	QPSK	270	0		17.31		18.5	0.0
100	16QAM	1	1		17.34		18.5	0.0
100	64QAM	1	1		17.30		18.5	0.0
100	256QAM	1	1		16.80		18.0	0.5
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.11	17.22	17.21	18.5	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.17	17.15	17.24	18.5	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.14	17.24	17.22	18.5	0.0
Channel				648668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.19	17.24	17.20	18.5	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.14	17.16	17.26	18.5	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.16	17.13	17.19	18.5	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.14	17.15	17.25	18.5	0.0
Channel				647500	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.10	17.24	17.30	18.5	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.22	17.10	17.21	18.5	0.0
Channel				647168	650000	652834		
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.18	17.21	17.29	18.5	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.11	17.25	17.25	18.5	0.0

Part27Q n78 Ant 3 DSI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	1/2 BPSK	1	1	17.86			18.5	0.0	
100	1/2 BPSK	1	137	18.05					
100	1/2 BPSK	1	271	18.00			18.5	0.0	
100	1/2 BPSK	135	0	18.03					
100	1/2 BPSK	135	69	18.06			18.5	0.0	
100	1/2 BPSK	135	138	18.02					
100	1/2 BPSK	270	0	18.01			18.5	0.0	
100	QPSK	1	1	18.07					
100	QPSK	1	137	18.01			18.5	0.0	
100	QPSK	1	271	18.04					
100	QPSK	135	0	18.03			18.5	0.0	
100	QPSK	135	69	18.06					
100	QPSK	135	138	18.00			18.5	0.0	
100	QPSK	270	0	18.05					
100	16QAM	1	1	18.04			18.5	0.0	
100	64QAM	1	1	18.01					
100	256QAM	1	1	17.61			18.0	0.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02	18.5	MPR (dB)	
90	QPSK	1	1	17.77	17.94	17.88			
Channel				632668	633334	634000	3490.02	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	17.83	17.94	17.86	18.5	MPR (dB)	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01	18.5	MPR (dB)	
70	QPSK	1	1	17.84	17.92	17.87			
Channel				632000	633334	634668	3480	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	17.80	17.93	17.82	18.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	18.5	MPR (dB)	
50	QPSK	1	1	17.80	17.87	17.82		18.5	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01	18.5	MPR (dB)	
40	QPSK	1	1	17.82	17.97	17.90		18.5	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	18.5	MPR (dB)	
30	QPSK	1	1	17.80	17.91	17.83		18.5	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51	18.5	MPR (dB)	
25	QPSK	1	1	17.77	17.87	17.93		18.5	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	18.5	MPR (dB)	
20	QPSK	1	1	17.81	17.93	17.87		18.5	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52	18.5	MPR (dB)	
15	QPSK	1	1	17.79	17.97	17.91		18.5	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01	18.5	MPR (dB)	
10	QPSK	1	1	17.82	17.89	17.86			

Part96 n77&78 PC3 Ant3 DSI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	3640.99	18.5	0.0
Frequency (MHz)				3600	3624.99	3648.99			
100	PI/2 BPSK	1	1	17.49	17.60	17.39	18.5	0.0	
100	PI/2 BPSK	1	137	17.47	17.55	17.38			
100	PI/2 BPSK	1	271	17.54	17.65	17.41	18.5	0.0	
100	PI/2 BPSK	135	0	17.47	17.55	17.44			
100	PI/2 BPSK	135	69	17.57	17.58	17.45	18.5	0.0	
100	PI/2 BPSK	135	138	17.50	17.56	17.42			
100	PI/2 BPSK	270	0	17.51	17.66	17.43	18.5	0.0	
100	QPSK	1	1	17.55	17.67	17.37			
100	QPSK	1	137	17.50	17.62	17.43	18.5	0.0	
100	QPSK	1	271	17.50	17.56	17.48			
100	QPSK	135	0	17.54	17.64	17.41	18.5	0.0	
100	QPSK	135	69	17.51	17.66	17.47			
100	QPSK	135	138	17.51	17.60	17.38	18.5	0.0	
100	QPSK	270	0	17.47	17.57	17.46			
100	16QAM	1	1	17.55	17.59	17.44	18.5	0.0	
100	64QAM	1	1	17.56	17.63	17.44			
100	256QAM	1	1	16.99	17.17	16.92			
Channel				639668	641666	643666	3595.02	18.5	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	17.40	17.37	17.39	18.5	0.0	
Channel				639334	641666	644000			
Frequency (MHz)				3590.01	3624.99	3660	18.5	0.0	
80	QPSK	1	1	17.48	17.39	17.37			
Channel				639000	641666	644332	3585	18.5	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	17.42	17.38	17.39	18.5	0.0	
Channel				638668	641666	644666			
Frequency (MHz)				3580.02	3624.99	3669.99	18.5	0.0	
60	QPSK	1	1	17.41	17.38	17.32			
Channel				638334	641666	645000			
Frequency (MHz)				3575.01	3624.99	3675	18.5	0.0	
50	QPSK	1	1	17.39	17.41	17.37			
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3624.99	18.5	0.0	
40	QPSK	1	1	17.46	17.36	17.34			
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99	18.5	0.0	
30	QPSK	1	1	17.37	17.36	17.29			
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690	18.5	0.0	
20	QPSK	1	1	17.41	17.34	17.32			

n7 Ant 4 DSI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	17.30	17.35	17.32			
50	1/2 BPSK	1	135	17.31	17.37	17.22	18.0	0.0	
50	1/2 BPSK	1	268	17.28	17.33	17.32			
50	1/2 BPSK	135	0	17.28	17.36	17.28	18.0	0.0	
50	1/2 BPSK	135	68	17.30	17.32	17.31	18.0	0.0	
50	1/2 BPSK	135	135	17.33	17.39	17.25	18.0	0.0	
50	1/2 BPSK	270	0	17.28	17.39	17.27			
50	QPSK	1	1	17.35	17.40	17.28			
50	QPSK	1	135	17.31	17.33	17.32	18.0	0.0	
50	QPSK	1	268	17.35	17.35	17.26			
50	QPSK	135	0	17.34	17.35	17.32	18.0	0.0	
50	QPSK	135	68	17.32	17.36	17.25	18.0	0.0	
50	QPSK	135	135	17.32	17.32	17.23			
50	QPSK	270	0	17.34	17.35	17.30	18.0	0.0	
50	16QAM	1	1	17.26	17.30	17.31	18.0	0.0	
50	64QAM	1	1	17.34	17.35	17.26	18.0	0.0	
50	256QAM	1	1	16.85	16.93	16.79	18.0	0.0	
Channel				504000	507000	510000	tune up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	17.18	17.17	17.10	18.0	0.0	
Channel				503000	507000	511000	tune up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	17.10	17.10	17.13	18.0	0.0	
Channel				502500	507000	511500	tune up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	17.10	17.08	17.10	18.0	0.0	
Channel				502000	507000	512000	tune up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	17.10	17.14	17.17	18.0	0.0	
Channel				501500	507000	512500	tune up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	17.13	17.08	17.08	18.0	0.0	
Channel				501000	507000	513000	tune up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	17.12	17.15	17.11	18.0	0.0	
Channel				500500	507000	513500	tune up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	17.10	17.14	17.09	18.0	0.0	

n38 Ant 4 DSI 6										
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				518004	519000	519996				
Frequency (MHz)				2590.02	2595	2599.98				
40	1/2 BPSK	1	1	16.65	16.72	16.56		17.5	0.0	
40	1/2 BPSK	1	53	16.61	16.74	16.66				
40	1/2 BPSK	1	104	16.61	16.69	16.62		17.5	0.0	
40	1/2 BPSK	50	0	16.61	16.66	16.63				
40	1/2 BPSK	50	28	16.67	16.72	16.59		17.5 0.0		
40	1/2 BPSK	50	56	16.64	16.71	16.63		17.5	0.0	
40	1/2 BPSK	100	0	16.71	16.68	16.66				
40	QPSK	1	1	16.65	16.75	16.59		17.5	0.0	
40	QPSK	1	53	16.66	16.68	16.64				
40	QPSK	1	104	16.61	16.67	16.59		17.5	0.0	
40	QPSK	50	0	16.68	16.66	16.63				
40	QPSK	50	28	16.70	16.71	16.55		17.5 0.0		
40	QPSK	50	56	16.69	16.65	16.63		17.5	0.0	
40	QPSK	100	0	16.66	16.70	16.62				
40	16QAM	1	1	16.60	16.69	16.60		17.5 0.0		
40	64QAM	1	1	16.62	16.68	16.64		17.5 0.0		
40	256QAM	1	1	16.65	16.67	16.62		17.5 0.0		
Channel				517002	519000	520998	up	MPR		
Frequency (MHz)				2585.01	2595	2604.99	up			
30	QPSK	1	1	16.46	16.52	16.49		17.5 0.0		
Channel				516000	519000	520000	up	MPR		
Frequency (MHz)				2590	2595	2610	up			
20	QPSK	1	1	16.54	16.48	16.57		17.5 0.0		
Channel				515502	519000	522498	up	MPR		
Frequency (MHz)				2577.51	2595	2612.49	up			
15	QPSK	1	1	16.53	16.51	16.51		17.5 0.0		
Channel				515004	519000	522998	up	MPR		
Frequency (MHz)				2576.02	2595	2614.98	up			
10	QPSK	1	1	16.52	16.49	16.48		17.5 0.0		

n41 Ant 4 DSI 6											
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				509202	518598	528000					
Frequency (MHz)				2546.01	2592.99	2644					
100	1/2 BPSK	1	1	16.83	16.81	16.81		17.5	0.0		
100	1/2 BPSK	1	137	16.71	16.80	16.74					
100	1/2 BPSK	1	271	16.77	16.82	16.79		17.5	0.0		
100	1/2 BPSK	135	0	16.78	16.81	16.75					
100	1/2 BPSK	135	69	16.76	16.80	16.75		17.5 0.0			
100	1/2 BPSK	135	138	16.74	16.80	16.73		17.5	0.0		
100	1/2 BPSK	270	0	16.72	16.80	16.72					
100	QPSK	1	1	16.82	16.86	16.77		17.5	0.0		
100	QPSK	1	137	16.77	16.78	16.81					
100	QPSK	1	271	16.72	16.76	16.74		17.5	0.0		
100	QPSK	135	0	16.81	16.82	16.78					
100	QPSK	135	69	16.80	16.84	16.72		17.5 0.0			
100	QPSK	135	138	16.83	16.77	16.78		17.5		0.0	
100	QPSK	270	0	16.72	16.77	16.72					
100	16QAM	1	1	16.79	16.76	16.75		17.5 0.0			
100	64QAM	1	1	16.80	16.78	16.79		17.5 0.0			
100	256QAM	1	1	16.75	16.79	16.75		17.5 0.0			
Channel				508200	518598	528996	up	MPR (dB)			
Frequency (MHz)				2541	2592.99	2644.98	up				
90	QPSK	1	1	16.68	16.60	16.64		17.5 0.0			
Channel				507204	518598	529998	up	MPR (dB)			
Frequency (MHz)				2538.02	2592.99	2649.99	up				
80	QPSK	1	1	16.62	16.65	16.62		17.5 0.0			
Channel				506202	518598	531000	up	MPR (dB)			
Frequency (MHz)				2531.01	2592.99	2655	up				
70	QPSK	1	1	16.58	16.62	16.63		17.5 0.0			
Channel				505200	518598	531998	up	MPR (dB)			
Frequency (MHz)				2526	2592.99	2659.99	up				
60	QPSK	1	1	16.62	16.50	16.55		17.5 0.0			
Channel				504204	518598	532998	up	MPR (dB)			
Frequency (MHz)				2521.02	2592.99	2664.99	up				
50	QPSK	1	1	16.60	16.63	16.55		17.5 0.0			
Channel				503202	518598	534000	up	MPR (dB)			
Frequency (MHz)				2516.01	2592.99	2670	up				
40	QPSK	1	1	16.62	16.59	16.55		17.5 0.0			
Channel				502200	518598	534998	up	MPR (dB)			
Frequency (MHz)				2511	2592.99	2674.98	up				
30	QPSK	1	1	16.62	16.63	16.62		17.5 0.0			
Channel				501204	518598	535998	up	MPR (dB)			
Frequency (MHz)				2503.02	2592.99	2679.99	up				
20	QPSK	1	1	16.67	16.64	16.55		17.5 0.0			
Channel				500700	518598	536498	up	MPR (dB)			
Frequency (MHz)				2503.5	2592.99	2682.48	up				
15	QPSK	1	1	16.64	16.67	16.65		17.5 0.0			
Channel				500202	518598	537000	up	MPR (dB)			
Frequency (MHz)				2501.01	2592.99	2685	up				
10	QPSK	1	1	16.59	16.57	16.61		17.5 0.0			

n41 HPUE Ant 4 DSI 6										
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				509202	518598	528000				
Frequency (MHz)				2546.01	2592.99	2644				
100	1/2 BPSK	1	1	19.30	19.76	19.43		20.5	0.0	
100	1/2 BPSK	1	137	19.37	19.82	19.42				
100	1/2 BPSK	1	271	19.33	19.81	19.48		20.5	0.0	
100	1/2 BPSK	135	0	19.28	19.80	19.40				
100	1/2 BPSK	135	69	19.34	19.73	19.44		20.5 0.0		
100	1/2 BPSK	135	138	19.37	19.77	19.48		20.5	0.0	
100	1/2 BPSK	270	0	19.39	19.79	19.44				
100	QPSK	1	1	19.36	19.84	19.48		20.5	0.0	
100	QPSK	1	137	19.40	19.75	19.39				
100	QPSK	1	271	19.40	19.82	19.39		20.5	0.0	
100	QPSK	135	0	19.29	19.88	19.44				
100	QPSK	135	69	19.39	19.79	19.49		20.5 0.0		
100	QPSK	135	138	19.39	19.66	19.41		20.5	0.0	
100	QPSK	270	0	19.33	19.78	19.49				
100	16QAM	1	1	19.28	19.76	19.46		20.5 0.0		
100	64QAM	1	1	19.32	19.62	19.48		20.5 0.0		
100	256QAM	1	1	19.33	19.68	19.49		20.5 0.0		
Channel				508200	518598	528996	up	MPR (dB)		
Frequency (MHz)				2541	2592.99	2644.98	up			
90	QPSK	1	1	19.54	19.72	19.60		20.5 0.0		
Channel				507204	518598	529998	up	MPR (dB)		
Frequency (MHz)				2538.02	2592.99	2649.99	up			
80	QPSK	1	1	19.49	19.67	19.58		20.5 0.0		
Channel				506202	518598	531000	up	MPR (dB)		
Frequency (MHz)				2531.01	2592.99	2655	up			
70	QPSK	1	1	19.56	19.66	19.58		20.5 0.0		
Channel				505200	518598	531998	up	MPR (dB)		
Frequency (MHz)				2526	2592.99	2669.99	up			
60	QPSK	1	1	19.58	19.64	19.53		20.5 0.0		
Channel				504204	518598	532998	up	MPR (dB)		
Frequency (MHz)				2521.02	2592.99	2664.99	up			
50	QPSK	1	1	19.56	19.67	19.53		20.5 0.0		
Channel				503202	518598	534000	up	MPR (dB)		
Frequency (MHz)				2516.01	2592.99	2670	up			
40	QPSK	1	1	19.48	19.68	19.60		20.5 0.0		
Channel				502200	518598	534996	up	MPR (dB)		
Frequency (MHz)				2512.02	2592.99	2674.99	up			
30	QPSK	1	1	19.50	19.63	19.53		20.5 0.0		
Channel				501204	518598	535998	up	MPR (dB)		
Frequency (MHz)				2506.02	2592.99	2679.99	up			
20	QPSK	1	1	19.58	19.70	19.61		20.5 0.0		
Channel				500700	518598	536496	up	MPR (dB)		
Frequency (MHz)				2503.5	2592.99	2682.48	up			
15	QPSK	1	1	19.51	19.64	19.62		20.5 0.0		
Channel				500104	518598	537498	up	MPR (dB)		
Frequency (MHz)				2501.01	2592.99	2685	up			
10	QPSK	1	1	19.51	19.73	19.63		20.5 0.0		

Part27Q n77 Ant 4 DSI 6										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Co. / Freq	Power Middle Co. / Freq	Power High Co. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				633334			3500.01			
Frequency (MHz)										
100	1/2 BPSK	1	1	16.50			17.5	0.0		
100	1/2 BPSK	1	137	16.53						
100	1/2 BPSK	1	271	16.54			17.5	0.0		
100	1/2 BPSK	135	0	16.53						
100	1/2 BPSK	135	69	16.53			17.5	0.0		
100	1/2 BPSK	135	138	16.49						
100	1/2 BPSK	270	0	16.58			17.5	0.0		
100	QPSK	1	1	16.68						
100	QPSK	1	137	16.57			17.5	0.0		
100	QPSK	1	271	16.51						
100	QPSK	135	0	16.53			17.5	0.0		
100	QPSK	135	69	16.59						
100	QPSK	135	138	16.48			17.5	0.0		
100	QPSK	270	0	16.50						
100	16QAM	1	1	16.51			17.5	0.0		
100	64QAM	1	1	16.57						
100	256QAM	1	1	16.50			17.5	0.0		
Channel				633000	633334	633668				
Frequency (MHz)				3495	3500.01	3505.02	17.5	0.0		
90	QPSK	1	1	16.33	16.39	16.25				
Channel				632668	633334	634000	17.5	0.0		
Frequency (MHz)				3490.02	3500.01	3510				
80	QPSK	1	1	16.34	16.39	16.33	17.5	0.0		
Channel				632334	633334	634334				
Frequency (MHz)				3485.01	3500.01	3515.01	17.5	0.0		
70	QPSK	1	1	16.38	16.41	16.34				
Channel				632000	633334	634668	17.5	0.0		
Frequency (MHz)				3480	3500.01	3520.02				
60	QPSK	1	1	16.35	16.49	16.23	17.5	0.0		
Channel				631668	633334	635000				
Frequency (MHz)				3475.02	3500.01	3525	17.5	0.0		
50	QPSK	1	1	16.41	16.44	16.34				
Channel				631334	633334	635334	17.5	0.0		
Frequency (MHz)				3470.01	3500.01	3530.01				
40	QPSK	1	1	16.41	16.48	16.30	17.5	0.0		
Channel				631000	633334	635668				
Frequency (MHz)				3465	3500.01	3535.02	17.5	0.0		
30	QPSK	1	1	16.41	16.43	16.31				
Channel				630834	633334	635834	17.5	0.0		
Frequency (MHz)				3462.51	3500.01	3537.51				
25	QPSK	1	1	16.33	16.42	16.23	17.5	0.0		
Channel				630668	633334	636000				
Frequency (MHz)				3460.02	3500.01	3540	17.5	0.0		
20	QPSK	1	1	16.30	16.46	16.34				
Channel				630500	633334	636168	17.5	0.0		
Frequency (MHz)				3457.5	3500.01	3542.52				
15	QPSK	1	1	16.38	16.47	16.29	17.5	0.0		
Channel				630334	633334	636334				
Frequency (MHz)				3455.01	3500.01	3545.01	17.5	0.0		
10	QPSK	1	1	16.40	16.38	16.22				

Part27O n78 Ant 4 DSI 6										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				650000			3750			
Frequency (MHz)				3750						
100	1/2 BPSK	1	1	16.63			17.5	0.0		
100	1/2 BPSK	1	137	16.56						
100	1/2 BPSK	1	271	16.62			17.5	0.0		
100	1/2 BPSK	135	0	16.64						
100	1/2 BPSK	135	69	16.60			17.5	0.0		
100	1/2 BPSK	135	138	16.59						
100	1/2 BPSK	270	0	16.57			17.5	0.0		
100	QPSK	1	1	16.67						
100	QPSK	1	137	16.66			17.5	0.0		
100	QPSK	1	271	16.58						
100	QPSK	135	0	16.62			17.5	0.0		
100	QPSK	135	69	16.64						
100	QPSK	135	138	16.63			17.5	0.0		
100	QPSK	270	0	16.61						
100	16QAM	1	1	16.65			17.5	0.0		
100	64QAM	1	1	16.64						
100	256QAM	1	1	16.56			17.5	0.0		
Channel				649668	650000	650334				
Frequency (MHz)				3745.02	3750	3755.01	17.5	0.0		
90	QPSK	1	1	16.32	16.53	16.32				
Channel				649334	650000	650668	17.5	0.0		
Frequency (MHz)				3740.01	3750	3760.02				
80	QPSK	1	1	16.36	16.54	16.34	17.5	0.0		
Channel				649000	650000	651000				
Frequency (MHz)				3735	3750	3765	17.5	0.0		
70	QPSK	1	1	16.39	16.54	16.29				
Channel				648668	650000	651334	17.5	0.0		
Frequency (MHz)				3730.02	3750	3770.01				
60	QPSK	1	1	16.41	16.49	16.33	17.5	0.0		
Channel				648334	650000	651668				
Frequency (MHz)				3725.01	3750	3775.02	17.5	0.0		
50	QPSK	1	1	16.41	16.55	16.31				
Channel				648000	650000	652000	17.5	0.0		
Frequency (MHz)				3720	3750	3760				
40	QPSK	1	1	16.35	16.54	16.26	17.5	0.0		
Channel				647668	650000	652334				
Frequency (MHz)				3715.02	3750	3785.01	17.5	0.0		
30	QPSK	1	1	16.33	16.56	16.33				
Channel				647500	650000	652500	17.5	0.0		
Frequency (MHz)				3712.5	3750	3792.5				
25	QPSK	1	1	16.34	16.57	16.28	17.5	0.0		
Channel				647334	650000	652668				
Frequency (MHz)				3710.01	3750	3790.02	17.5	0.0		
20	QPSK	1	1	16.32	16.47	16.38				
Channel				647168	650000	652834	17.5	0.0		
Frequency (MHz)				3707.52	3750	3792.51				
15	QPSK	1	1	16.40	16.56	16.33	17.5	0.0		
Channel				647000	650000	653000				
Frequency (MHz)				3705	3750	3795	17.5	0.0		
10	QPSK	1	1	16.31	16.51	16.38				

Part96 n77&78 PC3 Ant4 DSI 6										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	Power Spectral Density (dBm/MHz)	
Channel				640000	641666	643332	17.5	0.0	-174	
Frequency (MHz)				3600	3624.99	3649.98				
100	PI/2 BPSK	1	1	15.94	15.98	15.91	17.5	0.0	-174	
100	PI/2 BPSK	1	137	15.85	16.01	15.91				
100	PI/2 BPSK	1	271	15.85	15.99	15.91				
100	PI/2 BPSK	135	0	15.86	16.05	15.91				
100	PI/2 BPSK	135	69	15.94	16.02	15.88	17.5	0.0	-174	
100	PI/2 BPSK	135	138	15.86	16.02	15.88				
100	PI/2 BPSK	270	0	15.83	16.01	15.86				
100	QPSK	1	1	15.89	16.06	15.94				
100	QPSK	1	137	15.93	15.99	15.86	17.5	0.0	-174	
100	QPSK	1	271	15.92	16.00	15.82				
100	QPSK	135	0	15.93	16.01	15.85				
100	QPSK	135	69	15.91	16.03	15.88				
100	QPSK	135	138	15.90	16.02	15.89	17.5	0.0	-174	
100	QPSK	270	0	15.93	16.02	15.86				
100	16QAM	1	1	15.94	16.01	15.82				
100	64QAM	1	1	15.86	16.02	15.86				
100	256QAM	1	1	15.92	15.96	15.87				
Channel				639668	641666	643666	17.5	0.0	-174	
Frequency (MHz)				3595.02	3624.99	3654.99				
90	QPSK	1	1	15.71	15.89	15.67	17.5	0.0	-174	
Channel				639334	641666	644000				
Frequency (MHz)				3590.01	3624.99	3660				
80	QPSK	1	1	15.78	15.84	15.72		17.5 0.0		-174
Channel				639000	641666	644332				
Frequency (MHz)				3585	3624.99	3664.98				
70	QPSK	1	1	15.80	15.86	15.61		17.5 0.0		-174
Channel				638668	641666	644666				
Frequency (MHz)				3580.02	3624.99	3669.99				
60	QPSK	1	1	15.80	15.91	15.71		17.5 0.0		-174
Channel				638334	641666	645000				
Frequency (MHz)				3575.01	3624.99	3675				
50	QPSK	1	1	15.75	15.83	15.69		17.5 0.0		-174
Channel				638000	641666	645332				
Frequency (MHz)				3570	3624.99	3674.99				
40	QPSK	1	1	15.78	15.85	15.71		17.5 0.0		-174
Channel				637668	641666	645666				
Frequency (MHz)				3565.02	3624.99	3684.99				
30	QPSK	1	1	15.79	15.89	15.65		17.5 0.0		-174
Channel				637334	641666	646000				
Frequency (MHz)				3560.01	3624.99	3680				
20	QPSK	1	1	15.70	15.83	15.68		17.5 0.0		-174

n41 Ant 5 DSI 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	22.38	22.43	22.38		
100	1/2 BPSK	1	137	22.37	22.43	22.40	24.0	0.0
100	1/2 BPSK	1	271	22.42	22.46	22.33		
100	1/2 BPSK	135	0	22.03	22.01	22.00	23.5	0.5
100	1/2 BPSK	135	69	22.44	22.46	22.38	24.0	0.0
100	1/2 BPSK	135	138	22.02	22.01	21.94		
100	1/2 BPSK	270	0	21.98	21.98	21.95	23.5	0.5
100	QPSK	1	1	22.51	22.54	22.46		
100	QPSK	1	137	22.44	22.40	22.40	24.0	0.0
100	QPSK	1	271	22.45	22.40	22.42		
100	QPSK	135	0	21.50	21.56	21.50	23.0	1.0
100	QPSK	135	69	22.37	22.42	22.41	24.0	0.0
100	QPSK	135	138	21.50	21.51	21.46	23.0	1.0
100	QPSK	270	0	21.53	21.58	21.52		
100	16QAM	1	1	21.48	21.51	21.46	23.0	1.0
100	64QAM	1	1	20.01	20.06	19.98	21.5	2.5
100	256QAM	1	1	18.01	18.02	17.95	19.5	4.5
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.40	22.48	22.38	24.0	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.40	22.43	22.35	24.0	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.43	22.38	22.40	24.0	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.35	22.39	22.35	24.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.42	22.50	22.35	24.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.42	22.48	22.33	24.0	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.40	22.49	22.34	24.0	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.47	22.42	22.37	24.0	0.0
Channel				500700	518598	536996		
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.46	22.47	22.39	24.0	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.37	22.40	22.34	24.0	0.0

n7 Ant 6 DSI 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	1/2 BPSK	1	1	23.62	23.77	23.70		
50	1/2 BPSK	1	135	23.53	23.68	23.63	24.5	0.0
50	1/2 BPSK	1	268	23.51	23.70	23.64		
50	1/2 BPSK	135	0	23.17	23.26	23.25	24.0	0.5
50	1/2 BPSK	135	68	23.48	23.65	23.60	24.5	0.0
50	1/2 BPSK	135	135	23.09	23.31	23.26		
50	1/2 BPSK	270	0	23.18	23.32	23.16	24.0	0.5
50	QPSK	1	1	23.55	23.81	23.71		
50	QPSK	1	135	23.50	23.76	23.61	24.5	0.0
50	QPSK	1	268	23.40	23.68	23.67		
50	QPSK	135	0	22.59	22.88	22.70	23.5	1.0
50	QPSK	135	68	23.54	23.62	23.55	24.5	0.0
50	QPSK	135	135	22.60	22.87	22.71		
50	QPSK	270	0	22.52	22.59	22.47	23.5	1.0
50	16QAM	1	1	22.60	22.75	22.64	23.5	1.0
50	64QAM	1	1	21.34	21.41	21.30	22.0	2.5
50	256QAM	1	1	19.41	19.48	19.42	20.0	4.5
Channel				504000	507000	510000	tune up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.48	23.71	23.57	24.5	0.0
Channel				503000	507000	511000	tune up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.47	23.66	23.58	24.5	0.0
Channel				502500	507000	511500	tune up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.44	23.71	23.61	24.5	0.0
Channel				502000	507000	512000	tune up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	1/2 BPSK	1	1	23.45	23.72	23.63	24.5	0.0
Channel				501500	507000	512500	tune up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.48	23.77	23.68	24.5	0.0
Channel				501000	507000	513000	tune up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.43	23.68	23.65	24.5	0.0
Channel				500500	507000	513500	tune up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.40	23.70	23.60	24.5	0.0

n41 Ant 6 DSI 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	1/2 BPSK	1	1	21.91	21.92	21.82		
100	1/2 BPSK	1	137	21.82	21.89	21.86	23.0	0.0
100	1/2 BPSK	1	271	21.91	21.91	21.86		
100	1/2 BPSK	135	0	21.46	21.46	21.52	22.5	0.5
100	1/2 BPSK	135	69	21.88	21.88	21.81	23.0	0.0
100	1/2 BPSK	135	138	21.41	21.52	21.46	22.5	0.5
100	1/2 BPSK	270	0	21.42	21.53	21.49		
100	QPSK	1	1	21.95	21.98	21.97		
100	QPSK	1	137	21.89	21.86	21.88	23.0	0.0
100	QPSK	1	271	21.83	21.93	21.87		
100	QPSK	135	0	21.00	20.93	20.96	22.0	1.0
100	QPSK	135	69	21.81	21.84	21.81	23.0	0.0
100	QPSK	135	138	20.99	20.99	21.00		
100	QPSK	270	0	20.92	21.00	20.98	22.0	1.0
100	16QAM	1	1	21.01	20.93	20.97	22.0	1.0
100	64QAM	1	1	19.50	19.50	19.49	20.5	2.5
100	256QAM	1	1	17.44	17.53	17.52	18.5	4.5
Channel				508200	518598	528996	tune up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.90	21.94	21.91	23.0	0.0
Channel				507204	518598	529998	tune up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.90	21.86	21.93	23.0	0.0
Channel				506202	518598	531000	tune up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.90	21.92	21.90	23.0	0.0
Channel				505200	518598	531996	tune up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.89	21.86	21.90	23.0	0.0
Channel				504204	518598	532998	tune up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.87	21.84	21.93	23.0	0.0
Channel				503202	518598	534000	tune up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.89	21.92	21.84	23.0	0.0
Channel				502200	518598	534996	tune up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.88	21.89	21.86	23.0	0.0
Channel				501204	518598	535998	tune up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.87	21.84	21.85	23.0	0.0
Channel				500100	518598	536996	tune up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.90	21.92	21.90	23.0	0.0
Channel				500202	518598	537000	tune up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.84	21.92	21.83	23.0	0.0

Reduced Power Mode for DSI 2&6&0&4&1

Part270 n77 DSI2&6&0&4&1 Ant 2									
BW [MHz]	Modulat on	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	12.80	12.93	12.85			
100	1/2 BPSK	1	137	12.79	12.85	12.89	14.0	0.0	
100	1/2 BPSK	1	271	12.88	12.96	12.88			
100	1/2 BPSK	135	0	12.86	12.93	12.91	14.0	0.0	
100	1/2 BPSK	135	69	12.84	12.90	12.82	14.0	0.0	
100	1/2 BPSK	135	138	12.82	12.94	12.83			
100	1/2 BPSK	270	0	12.88	12.92	12.86	14.0	0.0	
100	QPSK	1	1	12.91	12.99	12.93			
100	QPSK	1	137	12.83	12.96	12.86	14.0	0.0	
100	QPSK	1	271	12.79	12.86	12.80			
100	QPSK	135	0	12.85	12.93	12.90	14.0	0.0	
100	QPSK	135	69	12.85	12.97	12.80	14.0	0.0	
100	QPSK	135	138	12.79	12.88	12.88			
100	QPSK	270	0	12.78	12.92	12.88	14.0	0.0	
100	16QAM	1	1	12.79	12.88	12.88	14.0	0.0	
100	64QAM	1	1	12.79	12.90	12.80	14.0	0.0	
100	256QAM	1	1	12.82	12.86	12.86	14.0	0.0	
Channel				649668	650000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	12.85	12.93	12.89	14.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	12.88	12.94	12.79	14.0	0.0	
Channel				649000	650000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	12.88	12.96	12.85	14.0	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	12.84	12.90	12.83	14.0	0.0	
Channel				648334	650000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	12.84	12.93	12.82	14.0	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	12.85	12.94	12.84	14.0	0.0	
Channel				647668	650000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	12.87	12.90	12.88	14.0	0.0	
Channel				647500	650000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	12.89	12.93	12.80	14.0	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	12.88	12.90	12.80	14.0	0.0	
Channel				647168	650000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	12.81	12.87	12.81	14.0	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	12.83	12.97	12.87	14.0	0.0	

Part27Q n77 DSI2&6&0&4&1 Ant 2									
BW [MHz]	Modulat on	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel					633334				
Frequency (MHz)					3500.01				
100	1/2 BPSK	1	1		12.84				
100	1/2 BPSK	1	137		12.71		14.0	0.0	
100	1/2 BPSK	1	271		12.81				
100	1/2 BPSK	135	0		12.83		14.0	0.0	
100	1/2 BPSK	135	69		12.84		14.0	0.0	
100	1/2 BPSK	135	138		12.82				
100	1/2 BPSK	270	0		12.82		14.0	0.0	
100	QPSK	1	1		12.94				
100	QPSK	1	137		12.86		14.0	0.0	
100	QPSK	1	271		12.76				
100	QPSK	135	0		12.79		14.0	0.0	
100	QPSK	135	69		12.86		14.0	0.0	
100	QPSK	135	138		12.78				
100	QPSK	270	0		12.77		14.0	0.0	
100	16QAM	1	1		12.78		14.0	0.0	
100	64QAM	1	1		12.85		14.0	0.0	
100	256QAM	1	1		12.71		14.0	0.0	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	12.70	12.89	12.73	14.0	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	12.76	12.79	12.83	14.0	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	12.79	12.78	12.80	14.0	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	12.70	12.85	12.73	14.0	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	12.71	12.81	12.74	14.0	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	12.81	12.83	12.83	14.0	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	12.71	12.77	12.75	14.0	0.0	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	12.76	12.85	12.82	14.0	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	12.70	12.77	12.80	14.0	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	12.74	12.85	12.80	14.0	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	12.78	12.87	12.74	14.0	0.0	

Part270 n78 DSI2&6&0&4&1 Ant 2									
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel					650000				
Frequency (MHz)					3750				
100	1/2 BPSK	1	1		12.69				
100	1/2 BPSK	1	137		12.65		14.0	0.0	
100	1/2 BPSK	1	271		12.77				
100	1/2 BPSK	135	0		12.68		14.0	0.0	
100	1/2 BPSK	135	69		12.68		14.0	0.0	
100	1/2 BPSK	135	138		12.76				
100	1/2 BPSK	270	0		12.72		14.0	0.0	
100	QPSK	1	1		12.89				
100	QPSK	1	137		12.81		14.0	0.0	
100	QPSK	1	271		12.69				
100	QPSK	135	0		12.68		14.0	0.0	
100	QPSK	135	69		12.73		14.0	0.0	
100	QPSK	135	138		12.63				
100	QPSK	270	0		12.65		14.0	0.0	
100	16QAM	1	1		12.70		14.0	0.0	
100	64QAM	1	1		12.77		14.0	0.0	
100	256QAM	1	1		12.65		14.0	0.0	
Channel				649668	650000	650334	1 tune-up		MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	12.72	12.85	12.69	14.0	0.0	
Channel				649334	650000	650668	1 tune-up		MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	12.72	12.83	12.74	14.0	0.0	
Channel				649000	650000	651000	1 tune-up		MPR (dB)
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	12.71	12.74	12.74	14.0	0.0	
Channel				648668	650000	651334	1 tune-up		MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	12.66	12.82	12.67	14.0	0.0	
Channel				648334	650000	651668	1 tune-up		MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	12.70	12.74	12.70	14.0	0.0	
Channel				648000	650000	652000	1 tune-up		MPR (dB)
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	12.73	12.84	12.74	14.0	0.0	
Channel				647668	650000	652334	1 tune-up		MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	12.65	12.75	12.66	14.0	0.0	
Channel				647500	650000	652500	1 tune-up		MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	12.64	12.80	12.64	14.0	0.0	
Channel				647334	650000	652668	1 tune-up		MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	12.74	12.77	12.66	14.0	0.0	
Channel				647168	650000	652834	1 tune-up		MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	12.65	12.74	12.72	14.0	0.0	
Channel				647000	650000	653000	1 tune-up		MPR (dB)
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	12.74	12.83	12.69	14.0	0.0	

Part27Q n78 DSI2&6&0&4&1 Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)									
100	PI/2 BPSK	1	1	12.73					
100	PI/2 BPSK	1	137	12.70				14.0	
100	PI/2 BPSK	1	271	12.82					
100	PI/2 BPSK	135	0	12.71				14.0	
100	PI/2 BPSK	135	69	12.68				14.0	
100	PI/2 BPSK	135	138	12.75					
100	PI/2 BPSK	270	0	12.70				14.0	
100	QPSK	1	1	12.84					
100	QPSK	1	137	12.82				14.0	
100	QPSK	1	271	12.66					
100	QPSK	135	0	12.70				14.0	
100	QPSK	135	69	12.81				14.0	
100	QPSK	135	138					14.0	
100	QPSK	270	0	12.71					
100	16QAM	1	1	12.63				14.0	
100	64QAM	1	1	12.71				14.0	
100	256QAM	1	1	12.60				14.0	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	12.63		12.74	12.61	14.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	12.58		12.67	12.61	14.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	12.58		12.67	12.63	14.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	12.60		12.71	12.56	14.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	12.58		12.65	12.60	14.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	12.59		12.66	12.64	14.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	12.57		12.70	12.61	14.0	
Channel				630634	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	12.57		12.66	12.59	14.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	12.65		12.64	12.63	14.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	12.64		12.74	12.53	14.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	12.53		12.64	12.63	14.0	

Part96 n77&78 PC3 DSI2&6&0&4&1 Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000		641666		643332	
Frequency (MHz)				3600		3624.99		3649.98	
100	PI/2 BPSK	1	1	12.79		12.92	12.89		
100	PI/2 BPSK	1	137	12.85		12.89	12.83	14.0	
100	PI/2 BPSK	1	271	12.84		12.93	12.88		
100	PI/2 BPSK	135	0	12.80		12.91	12.83	14.0	
100	PI/2 BPSK	135	69	12.81		12.92	12.89	14.0	
100	PI/2 BPSK	135	138	12.85		12.88	12.89		
100	PI/2 BPSK	270	0	12.88		12.87	12.89	14.0	
100	QPSK	1	1	12.92		12.97	12.95		
100	QPSK	1	137	12.78		12.91	12.87	14.0	
100	QPSK	1	271	12.82		12.88	12.84		
100	QPSK	135	0	12.79		12.88	12.83	14.0	
100	QPSK	135	69	12.86		12.94	12.84	14.0	
100	QPSK	135	138	12.79		12.92	12.83	14.0	
100	QPSK	270	0	12.83		12.92	12.88		
100	16QAM	1	1	12.88		12.89	12.84	14.0	
100	64QAM	1	1	12.86		12.85	12.87	14.0	
100	256QAM	1	1	12.78		12.88	12.86	14.0	
Channel				639668	641666	643666			
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	12.81		12.91	12.84	14.0	
Channel				639334	641666	644000			
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	12.83		12.85	12.82	14.0	
Channel				639000	641666	644332			
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	12.79		12.85	12.87	14.0	
Channel				638668	641666	644666			
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	12.83		12.90	12.86	14.0	
Channel				638334	641666	645000			
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	12.86		12.94	12.90	14.0	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3674.99			
40	QPSK	1	1	12.81		12.95	12.82	14.0	
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	12.87		12.84	12.92	14.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	12.80		12.83	12.88	14.0	

Part27O n77 DSI2&6&0&4&1 Ant 3

BW [MHz]	Modulation	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	1/2 BPSK	1	1	12.88	12.88	12.77		
100	1/2 BPSK	1	137	12.86	12.88	12.83	14.0	0.0
100	1/2 BPSK	1	271	12.83	12.86	12.83		
100	1/2 BPSK	135	0	12.90	12.87	12.78	14.0	0.0
100	1/2 BPSK	135	69	12.85	12.91	12.88	14.0	0.0
100	1/2 BPSK	135	138	12.81	12.85	12.87	14.0	0.0
100	1/2 BPSK	270	0	12.81	12.86	12.78		
100	QPSK	1	1	12.92	12.98	12.90		
100	QPSK	1	137	12.85	12.91	12.80	14.0	0.0
100	QPSK	1	271	12.84	12.90	12.87		
100	QPSK	135	0	12.81	12.88	12.86	14.0	0.0
100	QPSK	135	69	12.84	12.92	12.79	14.0	0.0
100	QPSK	135	138	12.84	12.85	12.87		
100	QPSK	270	0	12.80	12.89	12.78	14.0	0.0
100	16QAM	1	1	12.86	12.83	12.79	14.0	0.0
100	64QAM	1	1	12.80	12.88	12.85	14.0	0.0
100	256QAM	1	1	12.86	12.89	12.85	14.0	0.0
Channel				649668	650000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.81	12.89	12.87	14.0	0.0
Channel				649334	650000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.80	12.92	12.85	14.0	0.0
Channel				649000	650000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.79	12.88	12.85	14.0	0.0
Channel				648668	650000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.79	12.89	12.84	14.0	0.0
Channel				648334	650000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.82	12.95	12.82	14.0	0.0
Channel				648000	650000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.81	12.93	12.81	14.0	0.0
Channel				647668	650000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.80	12.96	12.76	14.0	0.0
Channel				647500	650000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	12.87	12.87	12.75	14.0	0.0
Channel				647334	650000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.80	12.86	12.77	14.0	0.0
Channel				647168	650000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.86	12.85	12.85	14.0	0.0
Channel				647000	650000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.87	12.91	12.86	14.0	0.0

Part27Q n77 DSI2&6&0&4&1 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		12.83			
100	1/2 BPSK	1	137		12.77		14.0	0.0
100	1/2 BPSK	1	271		12.77			
100	1/2 BPSK	135	0		12.84		14.0	0.0
100	1/2 BPSK	135	69		12.88		14.0	0.0
100	1/2 BPSK	135	138		12.71		14.0	0.0
100	1/2 BPSK	270	0		12.80			
100	QPSK	1	1		12.93			
100	QPSK	1	137		12.81		14.0	0.0
100	QPSK	1	271		12.80			
100	QPSK	135	0		12.78		14.0	0.0
100	QPSK	135	69		12.84		14.0	0.0
100	QPSK	135	138		12.71			
100	QPSK	270	0		12.80		14.0	0.0
100	16QAM	1	1		12.79		14.0	0.0
100	64QAM	1	1		12.82		14.0	0.0
100	256QAM	1	1		12.81		14.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	12.73	12.80	12.76	14.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	12.78	12.78	12.75	14.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	12.70	12.77	12.77	14.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	12.68	12.85	12.75	14.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	12.67	12.84	12.75	14.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	12.79	12.75	12.84	14.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	12.77	12.76	12.82	14.0	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	12.67	12.78	12.83	14.0	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	12.75	12.84	12.77	14.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	12.77	12.79	12.84	14.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	12.67	12.79	12.74	14.0	0.0

Part27O n78 DSI2&6&0&4&1 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		12.77		14.0	0.0
100	1/2 BPSK	1	137		12.70			
100	1/2 BPSK	1	271		12.73			
100	1/2 BPSK	135	0		12.77		14.0	0.0
100	1/2 BPSK	135	69		12.70		14.0	0.0
100	1/2 BPSK	135	138		12.71		14.0	0.0
100	1/2 BPSK	270	0		12.76		14.0	0.0
100	QPSK	1	1		12.87			
100	QPSK	1	137		12.73			
100	QPSK	1	271		12.78		14.0	0.0
100	QPSK	135	0		12.75			
100	QPSK	135	69		12.83			
100	QPSK	135	138		12.72		14.0	0.0
100	QPSK	270	0		12.78			
100	16QAM	1	1		12.73			
100	64QAM	1	1		12.69		14.0	0.0
100	256QAM	1	1		12.74		14.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	12.55	12.65	12.66	14.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	12.66	12.69	12.69	14.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.66	12.69	12.70	14.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	12.56	12.73	12.70	14.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	12.59	12.74	12.70	14.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.56	12.70	12.63	14.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	12.63	12.65	12.64	14.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	12.65	12.65	12.68	14.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	12.66	12.64	12.62	14.0	0.0
Channel				647166	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	12.63	12.68	12.71	14.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.65	12.65	12.65	14.0	0.0

Part27Q n78 DSI2&6&0&4&1 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1	12.63			14.0	0.0	
100	PI/2 BPSK	1	137	12.67					
100	PI/2 BPSK	1	271	12.66					
100	PI/2 BPSK	135	0	12.72			14.0	0.0	
100	PI/2 BPSK	135	69	12.68			14.0	0.0	
100	PI/2 BPSK	135	138	12.50			14.0	0.0	
100	PI/2 BPSK	270	0	12.64					
100	QPSK	1	1	12.83					
100	QPSK	1	137	12.70			14.0	0.0	
100	QPSK	1	271	12.68					
100	QPSK	135	0	12.62			14.0	0.0	
100	QPSK	135	69	12.71			14.0	0.0	
100	QPSK	135	138	12.59			14.0	0.0	
100	QPSK	270	0	12.66			14.0	0.0	
100	16QAM	1	1	12.58			14.0	0.0	
100	64QAM	1	1	12.61			14.0	0.0	
100	256QAM	1	1	12.67			14.0	0.0	
Channel				633000	633334	633668	14.0	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	12.59	12.69	12.65	14.0	0.0	
Channel				632668	633334	634000	14.0	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	12.57	12.59	12.55	14.0	0.0	
Channel				632334	633334	634334	14.0	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	12.52	12.65	12.60	14.0	0.0	
Channel				632000	633334	634668	14.0	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	12.63	12.60	12.60	14.0	0.0	
Channel				631668	633334	635000	14.0	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	12.57	12.60	12.56	14.0	0.0	
Channel				631334	633334	635334	14.0	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	12.60	12.65	12.56	14.0	0.0	
Channel				631000	633334	635668	14.0	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	12.60	12.62	12.56	14.0	0.0	
Channel				630834	633334	635834	14.0	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	12.62	12.71	12.57	14.0	0.0	
Channel				630668	633334	636000	14.0	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	12.61	12.70	12.59	14.0	0.0	
Channel				630500	633334	636168	14.0	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	12.63	12.70	12.56	14.0	0.0	
Channel				630334	633334	636334	14.0	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	12.53	12.60	12.60	14.0	0.0	

Part96 n77&78 PC3 DSI2&6&0&4&1 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	14.0	0.0	
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	12.88	12.99	12.80			
100	PI/2 BPSK	1	137	12.81	12.92	12.82			
100	PI/2 BPSK	1	271	12.85	12.88	12.87			
100	PI/2 BPSK	135	0	12.86	12.92	12.84		14.0	
100	PI/2 BPSK	135	69	12.91	12.96	12.89		14.0	
100	PI/2 BPSK	135	138	12.82	12.96	12.85		14.0	
100	PI/2 BPSK	270	0	12.87	12.96	12.83			
100	QPSK	1	1	12.95	13.02	12.93			
100	QPSK	1	137	12.81	12.97	12.86	14.0	0.0	
100	QPSK	1	271	12.89	12.89	12.81			
100	QPSK	135	0	12.83	12.88	12.80	14.0	0.0	
100	QPSK	135	69	12.85	12.96	12.87	14.0	0.0	
100	QPSK	135	138	12.88	12.89	12.83	14.0	0.0	
100	QPSK	270	0	12.84	12.92	12.90	14.0	0.0	
100	16QAM	1	1	12.82	12.99	12.85	14.0	0.0	
100	64QAM	1	1	12.82	12.89	12.89	14.0	0.0	
100	256QAM	1	1	12.87	12.94	12.84	14.0	0.0	
Channel				639668	641666	643666	14.0	0.0	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	12.90	12.95	12.82	14.0	0.0	
Channel				639334	641666	644000	14.0	0.0	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	12.91	12.96	12.82	14.0	0.0	
Channel				639000	641666	644332	14.0	0.0	
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	12.91	12.92	12.83	14.0	0.0	
Channel				638668	641666	644666	14.0	0.0	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	12.86	12.90	12.84	14.0	0.0	
Channel				638334	641666	645000	14.0	0.0	
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	12.88	12.96	12.79	14.0	0.0	
Channel				638000	641666	645332	14.0	0.0	
Frequency (MHz)				3570	3624.99	3674.99			
40	QPSK	1	1	12.83	12.94	12.89	14.0	0.0	
Channel				637668	641666	645666	14.0	0.0	
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	12.89	12.92	12.79	14.0	0.0	
Channel				637334	641666	646000	14.0	0.0	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	12.81	12.90	12.84	14.0	0.0	

Part270 n77 DSI2&6&0&4&1 Ant 4

BW [MHz]	Modulation	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	1/2 BPSK	1	1	12.83	12.99	12.91		
100	1/2 BPSK	1	137	12.83	12.98	12.80	14.0	0.0
100	1/2 BPSK	1	271	12.86	12.96	12.89		
100	1/2 BPSK	135	0	12.87	12.94	12.88	14.0	0.0
100	1/2 BPSK	135	69	12.82	12.96	12.85	14.0	0.0
100	1/2 BPSK	135	138	12.89	12.99	12.81		
100	1/2 BPSK	270	0	12.82	12.97	12.84	14.0	0.0
100	QPSK	1	1	12.85	12.02	12.93		
100	QPSK	1	137	12.87	12.91	12.89	14.0	0.0
100	QPSK	1	271	12.91	12.96	12.84		
100	QPSK	135	0	12.85	12.92	12.79	14.0	0.0
100	QPSK	135	69	12.83	12.98	12.80	14.0	0.0
100	QPSK	135	138	12.89	12.97	12.84		
100	QPSK	270	0	12.91	12.92	12.83	14.0	0.0
100	16QAM	1	1	12.86	12.95	12.89	14.0	0.0
100	64QAM	1	1	12.87	12.95	12.91	14.0	0.0
100	256QAM	1	1	12.91	12.98	12.82	14.0	0.0
Channel				649668	650000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.92	12.88	12.91	14.0	0.0
Channel				649334	650000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.89	12.90	12.87	14.0	0.0
Channel				649000	650000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.81	12.97	12.89	14.0	0.0
Channel				648668	650000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.88	12.91	12.86	14.0	0.0
Channel				648334	650000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.83	12.99	12.89	14.0	0.0
Channel				648000	650000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.84	12.97	12.83	14.0	0.0
Channel				647668	650000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.82	12.89	12.87	14.0	0.0
Channel				647500	650000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	12.89	12.92	12.91	14.0	0.0
Channel				647334	650000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.90	12.88	12.87	14.0	0.0
Channel				647168	650000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.82	12.90	12.84	14.0	0.0
Channel				647000	650000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.82	12.90	12.89	14.0	0.0

Part27Q n77 DSI2&6&0&4&1 Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		12.89			
100	1/2 BPSK	1	137		12.87		14.0	0.0
100	1/2 BPSK	1	271		12.85			
100	1/2 BPSK	135	0		12.83		14.0	0.0
100	1/2 BPSK	135	69		12.86		14.0	0.0
100	1/2 BPSK	135	138		12.89			
100	1/2 BPSK	270	0		12.89		14.0	0.0
100	QPSK	1	1		12.97			
100	QPSK	1	137		12.87		14.0	0.0
100	QPSK	1	271		12.88			
100	QPSK	135	0		12.81		14.0	0.0
100	QPSK	135	69		12.93		14.0	0.0
100	QPSK	135	138		12.90			
100	QPSK	270	0		12.79		14.0	0.0
100	16QAM	1	1		12.89		14.0	0.0
100	64QAM	1	1		12.82		14.0	0.0
100	256QAM	1	1		12.92		14.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	12.83	12.80	12.84	14.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	12.80	12.97	12.75	14.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	12.75	12.82	12.74	14.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	12.86	12.82	12.85	14.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	12.85	12.81	12.78	14.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	12.84	12.77	12.83	14.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	12.75	12.76	12.80	14.0	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	12.75	12.80	12.77	14.0	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	12.87	12.79	12.84	14.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	12.76	12.85	12.80	14.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	12.79	12.80	12.74	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					650000				
Frequency (MHz)					3750				
100	1/2 BPSK	1	1		12.73		14.0	0.0	
100	1/2 BPSK	1	137		12.77				
100	1/2 BPSK	1	271		12.75				
100	1/2 BPSK	135	0		12.70		14.0	0.0	
100	1/2 BPSK	135	69		12.67		14.0	0.0	
100	1/2 BPSK	135	138		12.74		14.0	0.0	
100	1/2 BPSK	270	0		12.75				
100	QPSK	1	1		12.87				
100	QPSK	1	137		12.75		14.0	0.0	
100	QPSK	1	271		12.67				
100	QPSK	135	0		12.65		14.0	0.0	
100	QPSK	135	69		12.84		14.0	0.0	
100	QPSK	135	138		12.72		14.0	0.0	
100	QPSK	270	0		12.63		14.0	0.0	
100	16QAM	1	1		12.72		14.0	0.0	
100	64QAM	1	1		12.69		14.0	0.0	
100	256QAM	1	1		12.80		14.0	0.0	
Channel					649668	650000	650334		
Frequency (MHz)					3745.02	3750	3755.01		
90	QPSK	1	1	12.66	12.68	12.63	14.0	0.0	
Channel					649334	650000	650668		
Frequency (MHz)					3740.01	3750	3760.02		
80	QPSK	1	1	12.62	12.76	12.69	14.0	0.0	
Channel					649000	650000	651000		
Frequency (MHz)					3735	3750	3765		
70	QPSK	1	1	12.69	12.69	12.61	14.0	0.0	
Channel					648668	650000	651334		
Frequency (MHz)					3730.02	3750	3770.01		
60	QPSK	1	1	12.68	12.69	12.67	14.0	0.0	
Channel					648334	650000	651668		
Frequency (MHz)					3725.01	3750	3775.02		
50	QPSK	1	1	12.61	12.70	12.65	14.0	0.0	
Channel					648000	650000	652000		
Frequency (MHz)					3720	3750	3780		
40	QPSK	1	1	12.70	12.75	12.69	14.0	0.0	
Channel					647668	650000	652334		
Frequency (MHz)					3715.02	3750	3785.01		
30	QPSK	1	1	12.72	12.74	12.66	14.0	0.0	
Channel					647500	650000	652500		
Frequency (MHz)					3712.5	3750	3787.5		
25	QPSK	1	1	12.65	12.75	12.65	14.0	0.0	
Channel					647334	650000	652668		
Frequency (MHz)					3710.01	3750	3790.02		
20	QPSK	1	1	12.65	12.75	12.63	14.0	0.0	
Channel					647168	650000	652834		
Frequency (MHz)					3707.52	3750	3792.51		
15	QPSK	1	1	12.71	12.73	12.67	14.0	0.0	
Channel					647000	650000	653000		
Frequency (MHz)					3705	3750	3795		
10	QPSK	1	1	12.67	12.70	12.68	14.0	0.0	

Part27Q n78 DSI2&6&0&4&1 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1	12.76			14.0	0.0	
100	PI/2 BPSK	1	137	12.76					
100	PI/2 BPSK	1	271	12.73			14.0	0.0	
100	PI/2 BPSK	135	0	12.69					
100	PI/2 BPSK	135	69	12.72			14.0	0.0	
100	PI/2 BPSK	135	138	12.73					
100	PI/2 BPSK	270	0	12.75			14.0	0.0	
100	QPSK	1	1	12.82					
100	QPSK	1	137	12.70			14.0	0.0	
100	QPSK	1	271	12.73					
100	QPSK	135	0	12.76			14.0	0.0	
100	QPSK	135	69	12.81					
100	QPSK	135	138	12.80			14.0	0.0	
100	QPSK	270	0	12.70					
100	16QAM	1	1	12.76			14.0	0.0	
100	64QAM	1	1	12.71					
100	256QAM	1	1	12.76			14.0	0.0	
Channel				633000	633334	633668		MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	12.69	12.74	12.77	14.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	12.67	12.68	12.71	14.0	0.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	12.73	12.68	12.68	14.0	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	12.77	12.72	12.72	14.0	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	12.70	12.63	12.66	14.0	0.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	12.72	12.70	12.69	14.0	0.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	12.75	12.71	12.69	14.0	0.0	
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	12.72	12.66	12.67	14.0	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	12.76	12.64	12.74	14.0	0.0	
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	12.72	12.70	12.72	14.0	0.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	12.71	12.82	12.71	14.0	0.0	

Part96 n77&78 PC3 DSI2&6&0&4&1 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	12.77	12.88	12.88	14.0	0.0	
100	PI/2 BPSK	1	137	12.83	12.88	12.78			
100	PI/2 BPSK	1	271	12.85	12.87	12.83			
100	PI/2 BPSK	135	0	12.87	12.91	12.78	14.0	0.0	
100	PI/2 BPSK	135	69	12.82	12.87	12.81	14.0	0.0	
100	PI/2 BPSK	135	138	12.84	12.86	12.78	14.0	0.0	
100	PI/2 BPSK	270	0	12.75	12.88	12.85			
100	QPSK	1	1	12.89	12.95	12.91			
100	QPSK	1	137	12.81	12.82	12.79	14.0	0.0	
100	QPSK	1	271	12.83	12.82	12.80			
100	QPSK	135	0	12.81	12.92	12.80			
100	QPSK	135	69	12.85	12.93	12.79	14.0	0.0	
100	QPSK	135	138	12.81	12.84	12.87	14.0	0.0	
100	QPSK	270	0	12.75	12.90	12.81			
100	16QAM	1	1	12.87	12.92	12.79			
100	64QAM	1	1	12.85	12.83	12.87	14.0	0.0	
100	256QAM	1	1	12.81	12.91	12.89	14.0	0.0	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	12.86	12.90	12.85	14.0	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	12.85	12.82	12.86	14.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	12.83	12.82	12.79	14.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	12.86	12.92	12.83	14.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	12.85	12.89	12.78	14.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3674.99			
40	QPSK	1	1	12.86	12.91	12.82	14.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	12.75	12.89	12.78	14.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	12.79	12.84	12.80	14.0	0.0	

Part270 n77 DSI2&6&0&4&1 Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	12.83	12.87	12.78	14.0	0.0
100	1/2 BPSK	1	137	12.80	12.84	12.89		
100	1/2 BPSK	1	271	12.76	12.90	12.90		
100	1/2 BPSK	135	0	12.85	12.91	12.78	14.0	0.0
100	1/2 BPSK	135	69	12.83	12.83	12.87	14.0	0.0
100	1/2 BPSK	135	138	12.77	12.92	12.84	14.0	0.0
100	1/2 BPSK	270	0	12.86	12.91	12.87		
100	QPSK	1	1	12.89	12.95	12.92	14.0	0.0
100	QPSK	1	137	12.82	12.92	12.89		
100	QPSK	1	271	12.81	12.85	12.88		
100	QPSK	135	0	12.85	12.84	12.78	14.0	0.0
100	QPSK	135	69	12.84	12.89	12.79	14.0	0.0
100	QPSK	135	138	12.82	12.84	12.78	14.0	0.0
100	QPSK	270	0	12.77	12.86	12.85		
100	16QAM	1	1	12.79	12.91	12.85	14.0	0.0
100	64QAM	1	1	12.81	12.83	12.87	14.0	0.0
100	256QAM	1	1	12.79	12.89	12.88	14.0	0.0
Channel				649668	656000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.78	12.90	12.87	14.0	0.0
Channel				649334	656000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.85	12.88	12.85	14.0	0.0
Channel				649000	656000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.83	12.90	12.82	14.0	0.0
Channel				648668	656000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.80	12.90	12.81	14.0	0.0
Channel				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.77	12.81	12.81	14.0	0.0
Channel				648000	656000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.81	12.88	12.79	14.0	0.0
Channel				647668	656000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.78	12.93	12.83	14.0	0.0
Channel				647500	656000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	12.85	12.89	12.83	14.0	0.0
Channel				647334	656000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.79	12.81	12.87	14.0	0.0
Channel				647168	656000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.85	12.81	12.81	14.0	0.0
Channel				647000	656000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.76	12.89	12.84	14.0	0.0

Part27Q n77 DSI2&6&0&4&1 Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		12.84		14.0	0.0
100	1/2 BPSK	1	137		12.77			
100	1/2 BPSK	1	271		12.87			
100	1/2 BPSK	135	0		12.87		14.0	0.0
100	1/2 BPSK	135	69		12.71		14.0	0.0
100	1/2 BPSK	135	138		12.82		14.0	0.0
100	1/2 BPSK	270	0		12.78			
100	QPSK	1	1		12.89		14.0	0.0
100	QPSK	1	137		12.85			
100	QPSK	1	271		12.73			
100	QPSK	135	0		12.74		14.0	0.0
100	QPSK	135	69		12.85		14.0	0.0
100	QPSK	135	138		12.77		14.0	0.0
100	QPSK	270	0		12.74		14.0	0.0
100	16QAM	1	1		12.79		14.0	0.0
100	64QAM	1	1		12.77		14.0	0.0
100	256QAM	1	1		12.86		14.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	12.74	12.88	12.80	14.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	12.72	12.85	12.73	14.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	12.69	12.90	12.70	14.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	12.70	12.79	12.81	14.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	12.66	12.84	12.79	14.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	12.74	12.79	12.78	14.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	12.67	12.84	12.75	14.0	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	12.73	12.86	12.76	14.0	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	12.70	12.88	12.75	14.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	12.73	12.79	12.76	14.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	12.68	12.78	12.74	14.0	0.0

Part270 n78 DSI2&6&0&4&1 Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	1/2 BPSK	1	1		12.74		14.0	0.0
100	1/2 BPSK	1	137		12.70			
100	1/2 BPSK	1	271		12.78			
100	1/2 BPSK	135	0		12.79		14.0	0.0
100	1/2 BPSK	135	69		12.69		14.0	0.0
100	1/2 BPSK	135	138		12.79		14.0	0.0
100	1/2 BPSK	270	0		12.70			
100	QPSK	1	1		12.82		14.0	0.0
100	QPSK	1	137		12.75			
100	QPSK	1	271		12.71			
100	QPSK	135	0		12.64		14.0	0.0
100	QPSK	135	69		12.77		14.0	0.0
100	QPSK	135	138		12.67		14.0	0.0
100	QPSK	270	0		12.75		14.0	0.0
100	16QAM	1	1		12.68		14.0	0.0
100	64QAM	1	1		12.73		14.0	0.0
100	256QAM	1	1		12.67		14.0	0.0
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	12.65	12.75	12.67	14.0	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	12.64	12.81	12.71	14.0	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.69	12.72	12.76	14.0	0.0
Channel				648668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	12.58	12.79	12.74	14.0	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	12.63	12.73	12.68	14.0	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.62	12.81	12.67	14.0	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	12.60	12.77	12.67	14.0	0.0
Channel				647500	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	12.57	12.75	12.73	14.0	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02		

Part27Q n78 DSI2&6&0&4&1 Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		12.73				
100	PI/2 BPSK	1	137		12.60		14.0	0.0	
100	PI/2 BPSK	1	271		12.75				
100	PI/2 BPSK	135	0		12.67		14.0	0.0	
100	PI/2 BPSK	135	69		12.62		14.0	0.0	
100	PI/2 BPSK	135	138		12.65		14.0	0.0	
100	PI/2 BPSK	270	0		12.65				
100	QPSK	1	1		12.79				
100	QPSK	1	137		12.66		14.0	0.0	
100	QPSK	1	271		12.53				
100	QPSK	135	0		12.55		14.0	0.0	
100	QPSK	135	69		12.68		14.0	0.0	
100	QPSK	135	138		12.64		14.0	0.0	
100	QPSK	270	0		12.63		14.0	0.0	
100	16QAM	1	1		12.68		14.0	0.0	
100	64QAM	1	1		12.67		14.0	0.0	
100	256QAM	1	1		12.70		14.0	0.0	
Channel				6333000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	12.53	12.74	12.64	14.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	12.57	12.78	12.66	14.0	0.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465.01	3500.01	3515.01			
70	QPSK	1	1	12.64	12.70	12.63	14.0	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	12.60	12.73	12.59	14.0	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	12.57	12.74	12.67	14.0	0.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	12.59	12.78	12.63	14.0	0.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	12.56	12.76	12.69	14.0	0.0	
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	12.62	12.73	12.65	14.0	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	12.55	12.75	12.61	14.0	0.0	
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	12.54	12.73	12.71	14.0	0.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	12.55	12.67	12.65	14.0	0.0	

Part96 n77&78 PC3 DSI2&6&0&4&1 Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000		641666	643332		
Frequency (MHz)				3600		3624.99	3649.98		
100	PI/2 BPSK	1	1	12.77	12.90	12.82			
100	PI/2 BPSK	1	137	12.84	12.79	12.80	14.0	0.0	
100	PI/2 BPSK	1	271	12.83	12.85	12.78			
100	PI/2 BPSK	135	0	12.77	12.81	12.79	14.0	0.0	
100	PI/2 BPSK	135	69	12.84	12.79	12.79	14.0	0.0	
100	PI/2 BPSK	135	138	12.82	12.86	12.75	14.0	0.0	
100	PI/2 BPSK	270	0	12.78	12.81	12.78			
100	QPSK	1	1	12.88	12.93	12.86			
100	QPSK	1	137	12.80	12.81	12.79	14.0	0.0	
100	QPSK	1	271	12.79	12.89	12.75			
100	QPSK	135	0	12.84	12.87	12.73	14.0	0.0	
100	QPSK	135	69	12.84	12.85	12.81	14.0	0.0	
100	QPSK	135	138	12.82	12.86	12.76	14.0	0.0	
100	QPSK	270	0	12.77	12.80	12.76	14.0	0.0	
100	16QAM	1	1	12.78	12.84	12.78	14.0	0.0	
100	64QAM	1	1	12.75	12.80	12.76	14.0	0.0	
100	256QAM	1	1	12.76	12.88	12.79	14.0	0.0	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	12.79	12.82	12.76	14.0	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	12.82	12.86	12.82	14.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	12.85	12.81	12.77	14.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	12.84	12.88	12.76	14.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	12.79	12.86	12.83	14.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	12.84	12.82	12.80	14.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	12.84	12.84	12.83	14.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	12.84	12.82	12.82	14.0	0.0	

Standard client

standard client		Art 10 For Default / Full Power Head Standalone		Art 9 For Default / Full Power Head Standalone		Art 10+9 For Default / Full Power Head Standalone		Art 10 Body-worn&Extremity Standalone		Art 9 Body-worn&Extremity Standalone		Art 10+9 Body-worn&Extremity Standalone		Art 10 Head Simultaneous		Art 9 Head Simultaneous		Art 10+9 Head Simultaneous		Art 10 Body-worn&Extremity Simultaneous		Art 9 Body-worn&Extremity Simultaneous		Art 10+9 Body-worn&Extremity Simultaneous		Duty Cycle %		
Band	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WLAN EHT	802.11a 6Mbps	1	5955	15.04	16.00	15.59	16.50	16.33	19.50	8.50	8.50	11.50	8.00	13.50	13.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50	99.32		
		49	6195	15.39	16.50	15.98	17.00	16.70	20.00	8.50	8.50	11.50	8.00	13.50	13.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
		53	6415	15.39	16.50	15.40	16.50	16.26	18.50	8.50	8.50	11.50	8.00	13.50	13.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
		1	5955	13.89	16.00	14.54	16.50	17.23	18.50	8.50	8.50	11.50	8.00	13.50	13.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50	100		
	802.11ax-HE20 MCS0	49	6195	14.13	15.00	14.95	16.00	17.57	18.50	8.50	8.50	11.50	8.00	13.50	13.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
		53	6415	14.15	15.00	14.56	15.50	17.37	18.50	8.50	8.50	11.50	8.00	13.50	13.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
		3	5985	13.78	16.00	14.11	15.00	16.96	18.00	Not Required	Not Required	Not Required	Not Required	11.50	8.00	Not Required	13.50	Not Required	13.50	Not Required	6.50	Not Required	6.50	Not Required	9.50	9.50	100	
		51	6205	13.60	14.50	14.37	15.00	17.01	18.00	8.50	8.50	11.50	8.00	13.50	13.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
	802.11ax-HE40 MCS0	51	6405	14.22	15.00	14.01	15.00	17.13	18.00	8.50	8.50	11.50	8.00	13.50	13.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
		7	5985	14.01	15.00	14.51	15.50	17.28	18.50	8.50	8.50	11.50	8.00	13.50	13.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50	100		
		55	6225	12.83	14.00	14.12	15.00	16.53	17.50	8.50	8.50	11.50	8.00	13.50	13.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
		87	6385	13.50	14.50	13.73	15.00	16.68	18.00	8.50	8.50	11.50	8.00	13.50	13.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
	802.11ax-HE100 MCS0	15	6025	13.92	15.00	13.51	14.50	16.73	18.00	8.91	9.50	8.76	9.50	10.69	12.50	8.00	13.92	15.00	13.91	14.90	16.73	18.00	4.71	6.50	4.75	6.50	7.73	100
		47	6185	12.74	13.00	12.63	13.50	15.70	16.50	7.75	8.50	7.89	8.50	10.75	11.50	8.00	12.74	13.00	12.63	13.50	15.70	16.50	6.50	6.50	6.50	6.50		
		75	6345	12.95	14.00	12.39	13.50	15.71	17.00	8.01	8.50	7.95	8.50	10.69	11.50	8.00	12.89	14.00	12.39	13.50	15.71	17.00	6.50	6.50	6.50	6.50		
		117	6535	15.44	16.50	14.81	16.00	18.15	19.50	10.50	10.50	9.50	9.50	13.50	9.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
UNII 7	802.11a 6Mbps	149	6595	15.78	17.00	15.18	18.00	18.90	19.50	10.50	10.50	9.50	9.50	13.50	9.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50	99.32		
		181	6855	15.07	16.00	14.61	15.50	17.82	19.00	10.50	10.50	9.50	9.50	13.50	9.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
		117	6535	14.12	15.00	13.94	15.00	17.04	18.00	10.50	10.50	9.50	9.50	13.50	9.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
		149	6595	14.45	15.50	14.05	15.00	17.28	18.50	10.50	10.50	9.50	9.50	13.50	9.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50	100		
	802.11ax-HE20 MCS0	181	6855	13.98	14.50	13.78	15.00	16.88	18.00	Not Required	Not Required	Not Required	Not Required	13.50	9.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
		123	6595	13.98	15.00	13.45	14.50	16.73	18.00	10.50	10.50	9.50	9.50	13.50	9.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
		147	6695	13.73	14.50	13.09	14.00	16.43	17.50	10.50	10.50	9.50	9.50	13.50	9.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
		179	6845	13.33	14.50	13.20	14.00	16.28	17.50	10.50	10.50	9.50	9.50	13.50	9.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50	100		
	802.11ax-HE40 MCS0	135	6625	13.47	14.50	13.19	14.00	16.34	17.50	10.50	10.50	9.50	9.50	13.50	9.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
		151	6795	13.62	14.50	13.08	14.00	16.37	17.50	10.50	10.50	9.50	9.50	13.50	9.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50			
		167	6785	13.51	14.50	13.01	14.00	16.28	17.50	10.50	10.50	9.50	9.50	13.50	9.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50	100		
		143	6665	13.29	14.00	12.50	13.00	15.92	17.00	9.76	10.50	9.01	9.50	12.41	13.50	9.50	13.50	13.50	16.50	16.50	6.50	6.50	6.50	6.50	9.50	9.50		

Indoor client

indoor client																				Duty Cycle %									
Ant 10 For Default Full Power Head Standalone										Ant 9 For Default Full Power Head Standalone		Ant 10+9 For Default Full Power Head Standalone		Ant 10 Body-worn&Extremity Standalone		Ant 9 Body-worn&Extremity Standalone		Ant 10+9 Body-worn&Extremity Standalone		Ant 10 Body-worn&Extremity Simultaneous		Ant 9 Body-worn&Extremity Simultaneous		Ant 10+9 Body-worn&Extremity Simultaneous					
Band	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit		
UNII 5	802.11a 6Mbps	1	5955	1.99	3.00	1.96	3.00	4.98	6.00	3.00	4.98	6.00	3.00	4.98	6.00	3.00	4.98	6.00	3.00	4.98	6.00	3.00	4.98	6.00	3.00	4.98	6.00	99.32	
		49	6195	1.26	2.50	2.15	3.00	4.74	6.00	2.50	4.74	6.00	2.50	4.74	6.00	2.50	4.74	6.00	2.50	4.74	6.00	2.50	4.74	6.00	2.50	4.74	6.00	6.00	
		53	6415	1.74	3.00	2.19	3.00	4.98	6.00	3.00	4.98	6.00	3.00	4.98	6.00	3.00	4.98	6.00	3.00	4.98	6.00	3.00	4.98	6.00	3.00	4.98	6.00	6.00	
	802.11a-HE20 MCS0	1	5955	2.25	3.00	2.37	3.00	5.32	6.50	3.50	5.32	6.50	3.50	5.32	6.50	3.50	5.32	6.50	3.50	5.32	6.50	3.50	5.32	6.50	3.50	5.32	6.50	6.50	
		49	6195	1.91	3.00	2.71	4.00	5.34	6.50	3.00	5.34	6.50	3.00	5.34	6.50	3.00	5.34	6.50	3.00	5.34	6.50	3.00	5.34	6.50	3.00	5.34	6.50	6.50	
		53	6415	2.04	3.00	2.84	4.00	5.47	6.50	Not Required	5.47	6.50	Not Required	5.47	6.50	Not Required	5.47	6.50	Not Required	5.47	6.50	Not Required	5.47	6.50	Not Required	5.47	6.50	6.50	
	802.11a-HE40 MCS0	3	5965	4.56	6.00	4.80	6.00	7.85	9.50	Not Required	7.85	9.50	Not Required	7.85	9.50	Not Required	7.85	9.50	Not Required	7.85	9.50	Not Required	7.85	9.50	Not Required	7.85	9.50	9.50	
		51	6205	4.65	6.00	4.95	6.00	7.81	9.00	6.00	7.81	9.00	6.00	7.81	9.00	6.00	7.81	9.00	6.00	7.81	9.00	6.00	7.81	9.00	6.00	7.81	9.00	9.00	
		51	6405	5.07	6.00	5.30	6.50	8.20	9.50	6.00	8.20	9.50	6.00	8.20	9.50	6.00	8.20	9.50	6.00	8.20	9.50	6.00	8.20	9.50	6.00	8.20	9.50	9.50	
	802.11a-HE80 MCS0	7	5985	7.52	9.00	7.48	8.50	10.51	12.00	Not Required	10.51	12.00	Not Required	10.51	12.00	Not Required	10.51	12.00	Not Required	10.51	12.00	Not Required	10.51	12.00	Not Required	10.51	12.00	12.00	
		35	6225	6.78	8.00	7.05	8.00	9.93	11.00	8.00	9.93	11.00	8.00	9.93	11.00	8.00	9.93	11.00	8.00	9.93	11.00	8.00	9.93	11.00	8.00	9.93	11.00	11.00	
		37	6385	6.95	9.00	6.97	9.00	9.98	11.00	8.00	9.98	11.00	8.00	9.98	11.00	8.00	9.98	11.00	8.00	9.98	11.00	8.00	9.98	11.00	8.00	9.98	11.00	11.00	
	UNII 6	802.11a-HE160 MCS0	15	6025	10.09	11.00	9.92	11.00	13.02	14.00	8.91	9.50	8.76	9.50	10.89	12.50	6.50	6.50	9.50	9.50	6.50	6.50	9.50	9.50	6.50	6.50	9.50	9.50	100
			47	6185	9.57	10.50	9.88	11.00	12.74	14.00	7.75	8.50	7.69	8.50	10.75	11.50	4.71	6.50	9.50	9.50	4.75	6.50	9.50	9.50	4.75	6.50	9.50	9.50	
			79	6345	10.07	11.00	9.88	11.00	12.85	14.00	8.91	9.50	8.55	9.50	10.89	11.50	4.75	6.50	9.50	9.50	4.75	6.50	9.50	9.50	4.75	6.50	9.50	9.50	
802.11a 6Mbps		97	6435	2.57	4.00	3.02	4.50	5.81	7.00	4.00	5.81	7.00	4.00	5.81	7.00	4.00	5.81	7.00	4.00	5.81	7.00	4.00	5.81	7.00	4.00	5.81	7.00	7.50	
		103	6475	2.95	4.00	3.26	4.50	6.12	7.50	4.00	6.12	7.50	4.00	6.12	7.50	4.00	6.12	7.50	4.00	6.12	7.50	4.00	6.12	7.50	4.00	6.12	7.50	7.50	
		113	6515	2.62	4.00	3.13	4.00	5.88	7.00	4.00	5.88	7.00	4.00	5.88	7.00	4.00	5.88	7.00	4.00	5.88	7.00	4.00	5.88	7.00	4.00	5.88	7.00	7.00	
802.11a-HE20 MCS0		97	6435	3.36	4.50	3.99	5.00	6.70	8.00	4.50	6.70	8.00	4.50	6.70	8.00	4.50	6.70	8.00	4.50	6.70	8.00	4.50	6.70	8.00	4.50	6.70	8.00	8.00	
		106	6475	3.30	4.50	3.80	5.00	6.57	8.00	Not Required	6.57	8.00	Not Required	6.57	8.00	Not Required	6.57	8.00	Not Required	6.57	8.00	Not Required	6.57	8.00	Not Required	6.57	8.00	8.00	
		113	6515	3.59	4.50	3.86	5.00	6.74	8.00	Not Required	6.74	8.00	Not Required	6.74	8.00	Not Required	6.74	8.00	Not Required	6.74	8.00	Not Required	6.74	8.00	Not Required	6.74	8.00	8.00	
802.11a-HE40 MCS0		99	6445	5.62	7.00	6.45	8.00	9.07	10.50	7.00	9.07	10.50	7.00	9.07	10.50	7.00	9.07	10.50	7.00	9.07	10.50	7.00	9.07	10.50	7.00	9.07	10.50	10.50	
		107	6485	5.96	7.00	6.16	7.00	9.07	10.00	7.00	9.07	10.00	7.00	9.07	10.00	7.00	9.07	10.00	7.00	9.07	10.00	7.00	9.07	10.00	7.00	9.07	10.00	10.00	
		115	6525	5.00	6.00	5.45	6.50	8.24	9.50	6.00	8.24	9.50	6.00	8.24	9.50	6.00	8.24	9.50	6.00	8.24	9.50	6.00	8.24	9.50	6.00	8.24	9.50	9.50	
802.11a-HE80 MCS0		103	6465	8.69	10.00	8.79	10.00	11.75	13.00	10.00	11.75	13.00	10.00	11.75	13.00	10.00	11.75	13.00	10.00	11.75	13.00	10.00	11.75	13.00	10.00	11.75	13.00	13.00	
		119	6545	7.32	8.50	7.79	9.00	10.57	12.00	8.50	10.57	12.00	8.50	10.57	12.00	8.50	10.57	12.00	8.50	10.57	12.00	8.50	10.57	12.00	8.50	10.57	12.00	12.00	
		111	6505	10.44	11.50	10.45	11.50	13.46	14.50	9.96	11.00	9.97	11.00	12.98	14.00	6.50	6.50	9.50	9.50	6.50	6.50	9.50	9.50	6.50	6.50	9.50	9.50	9.50	
WLANGHG	802.11a 1tMbps	117	6535	1.59	3.00	2.22	3.50	4.93	6.50	3.00	4.93	6.50	3.00	4.93	6.50	3.00	4.93	6.50	3.00	4.93	6.50	3.00	4.93	6.50	3.00	4.93	6.50	6.50	
		149	6695	2.38	3.50	3.38	3.50	5.39	6.50	3.50	5.39	6.50	3.50	5.39	6.50	3.50	5.39	6.50	3.50	5.39	6.50	3.50	5.39	6.50	3.50	5.39	6.50	99.32	
		181	6855	1.55	2.50	2.52	4.00	5.30	6.50	2.50	5.30	6.50	2.50	5.30	6.50	2.50	5.30	6.50	2.50	5.30	6.50	2.50	5.30	6.50	2.50	5.30	6.50	6.50	
	802.11a-HE20 MCS0	117	6535	2.30	3.50	3.18	4.50	5.77	7.00	3.50	5.77	7.00	3.50	5.77	7.00	3.50	5.77	7.00	3.50	5.77	7.00	3.50	5.77	7.00	3.50	5.77	7.00	7.00	
		149	6695	2.64	4.00	3.76	5.00	6.25	7.50	4.00	6.25	7.50	4.00	6.25	7.50	4.00	6.25	7.50	4.00	6.25	7.50	4.00	6.25	7.50	4.00	6.25	7.50	7.50	
		181	6855	2.49	3.50	3.56	5.00	6.07	7.50	Not Required	6.07	7.50	Not Required	6.07	7.50	Not Required	6.07	7.50	Not Required	6.07	7.50	Not Required	6.07	7.50	Not Required	6.07	7.50	7.50	
	802.11a-HE40 MCS0	123	6565	5.12	6.50	6.12	7.00	8.72	10.00	Not Required	8.72	10.00	Not Required	8.72	10.00	Not Required	8.72	10.00	Not Required	8.72	10.00	Not Required	8.72	10.00	Not Required	8.72	10.00	10.00	
		147	6685	5.78	7.00	5.97	7.00	8.89	10.00	7.00	8.89	10.00	7.00	8.89	10.00	7.00	8.89	10.00	7.00	8.89	10.00	7.00	8.89	10.00	7.00	8.89	10.00	10.00	
		179	6845	4.90	6.00	6.37	7.50	8.71	10.00	6.00	8.71	10.00	6.00	8.71	10.00	6.00	8.71	10.00	6.00	8.71	10.00	6.00	8.71	10.00	6.00	8.71	10.00	10.00	
	802.11a-HE80 MCS0	135	6625	7.81	9.00	8.45	9.50	11.15	12.50	9.00	11.15	12.50	9.00	11.15	12.50	9.00	11.15	12.50	9.00	11.15	12.50	9.00	11.15	12.50	9.00	11.15	12.50	12.50	
		151	6705	8.33	9.50	8.29	9.50	11.32	12.50	9.50	11.32	12.50	9.50	11.32	12.50	9.50	11.32	12.50	9.50	11.32	12.50	9.50	11.32	12.50	9.50	11.32	12.50	12.50	
		167	6785	8.16	9.50	8.56	9.50	11.22	12.50	9.50	11.22	12.50	9.50	11.22	12.50	9.50	11.22	12.50	9.50	11.22	12.50	9.50	11.22	12.50	9.50	11.22	12.50	12.50	
	802.11a-HE160 MCS0	153	6585	6.96	8.00	6.00	9.00	10.52	12.00	8.00	10.52	12.00	8.00	10.52	12.00	8.00	10.52	12.00	8.00	10.52	12.00	8.00	10.52	12.00	8.00	10.52	12.00	12.00	
		143	6665	10.98	12.00	10.92	12.00	13.86	15.00	9.76	10.50	9.91	9.50	12.41	13.50	6.50	6.50	9.50	9.50	6.50	6.50	9.50	9.50	6.50	6.50	9.50	9.50	9.50	
		175	6825	10.22	11.50	10.67	12.00	13.46	15.00	8.83	10.50	8.71	8.50	12.91	13.50	6.50	6.50	9.50	9.50	6.50	6.50	9.50	9.50	6.50	6.50	9.50	9.50	9.50	
UNII 8	802.11a 1tMbps	185	6875	1.41	2.50	2.91	4.00	5.23	6.50	2.50	5.23	6.50	2.50	5.23	6.50	2.50	5.23	6.50	2.50	5.23	6.50	2.50	5.23	6.50	2.50	5.23	6.50	6.50	
		209	6995	0.71	2.00	2.28	3.00	4.58	6.00	2.00	4.58	6.00	2.00	4.58	6.00	2.00	4.58	6.00	2.00	4.58	6.00	2.00	4.58	6.00	2.00	4.58	6.00	6.00	
		225	7095	0.84	2.00	2.12	3.00	4.54	6.00	2.00	4.54	6.00	2.00	4.54	6.00	2.00	4.54	6.00	2.00	4.54	6.00	2.00	4.54	6.00	2.00	4.54	6.00	6.00	
	802.11a-HE20 MCS0	185	6875	2.40	3.50	3.63	5.00	6.07	7.50	3.50	6.07	7.50	3.50	6.07	7.50	3.50	6.07	7.50	3.50	6.07	7.50	3.50	6.07	7.50	3.50	6.07	7.50	7.50	
		189	6895	2.09																									

<2.4GHz WLAN>

			Ant 10 Full power				Ant 7 Full power				Ant 10+7 Full power				Ant 10 Head Standalone Body-worn Standalone Hotspot				Ant 7 Head Standalone Body-worn Standalone Hotspot				Ant 10+7 Head Standalone Body-worn Standalone Hotspot				Ant 10 HeadBody-worn Simultaneous				Ant 7 HeadBody-worn Simultaneous				Ant 10+7 HeadBody-worn Simultaneous				
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Duty Cycle %					
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.30	19.50	18.18	19.00	21.25	22.5	17.28	18.50	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	98.35					
		6	2437	18.30	19.50	18.18	19.00	21.25	22.5	17.28	18.50	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	98.35					
		11	2462	18.48	19.50	17.84	19.00	21.17	22.5	17.50	18.50	18.83	18.00	20.13	21.5	14.51	15.50	13.80	15.00	17.15	18.50																		
	802.11g 6Mbps	1	2412	18.30	19.50	18.18	19.00	21.25	22.5	17.28	18.50	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	17.28	18.00	99.45					
		6	2437	17.39	18.50	17.08	18.00	20.24	21.5		18.50				21.5	15.50	15.50																						
		11	2462	17.91	18.50	16.42	17.50	19.74	21.0		18.50				21.0	15.50	15.50																						
	802.11n-HT20 MCS0	1	2412	12.97	14.00	12.73	14.00	15.81	17.0		14.00				14.00	15.50	15.50																		100				
		6	2437	16.42	16.50	15.42	16.50	18.22	19.5		16.50				16.50	18.00	18.00																						
		11	2462	14.96	15.50	13.89	15.00	17.23	18.5		15.50				15.50	16.00	16.00																						
	802.11n-HT40 MCS0	3	2422	12.83	14.00	12.19	13.50	15.53	17.0		13.50				13.50	17.0	17.0																		100				
		6	2437	14.66	16.00	14.65	16.00	17.67	19.0		16.00				16.00	19.0	19.0																						
		9	2422	12.52	13.50	11.78	13.00	15.18	16.5		13.50				13.50	16.5	16.5																						
	802.11ac-VHT20 MCS0	6	2437	13.46	16.50	13.10	16.50	18.31	19.5		16.50				16.50	19.5	19.5																		100				
		11	2462	14.41	16.00	13.62	16.00	17.28	18.0		16.00				16.00	17.0	17.0																						
		13	2422	12.26	14.00	12.21	13.50	15.57	17.0		14.00				14.00	13.50	13.50																						
	802.11ac-VHT40 MCS0	6	2437	14.49	16.00	14.67	16.00	17.69	19.0		16.00				16.00	19.0	19.0																		100				
		11	2462	14.74	16.00	14.17	15.00	17.47	19.0		16.00				16.00	15.50	15.50																						
		13	2422	13.25	14.50	13.09	14.50	16.17	17.5		14.50				14.50	14.50	14.50																						
	802.11n-HE20 MCS0	6	2437	13.69	16.50	13.28	16.50	18.90	19.5		16.50				16.50	19.5	19.5																		100				
		11	2462	14.74	16.00	14.17	15.00	17.47	19.0		16.00				16.00	15.50	15.50																						
		13	2422	13.01	14.00	12.28	13.50	15.67	17.0		14.00				14.00	13.50	13.50																						
	802.11n-HE40 MCS0	6	2437	14.83	16.00	14.91	16.00	17.68	19.0		16.00				16.00	19.0	19.0																		100				
		9	2422	12.83	14.00	12.19	13.50	15.53	17.0		14.00				14.00	13.50	13.50																						

<5.2GHz WLAN>

	Mode	Channel	Ant 10 Full power Head Standalone				Ant 9 Full power Head Standalone				Ant 10+9 Full power Head Standalone				Ant 10 Body-worn Standalone Hotspot				Ant 9 Body-worn Standalone Hotspot				Ant 10+9 Body-worn Standalone Hotspot				Ant 10 Body-worn Simultaneous				Ant 9 Body-worn Simultaneous				Ant 10+9 Body-worn Simultaneous				Duty Cycle %
			Frequency (MHz)	Average power (dBm)	Time-Up Limit	Time-Down Limit	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Time-Down Limit	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit	Average power (dBm)	Time-Up Limit	Time-Down Limit				
5.2GHz WLAN	802.11a 6Mbps	36	5180	10.25	11.50	9.60	11.00	12.69	14.0		11.50				11.50	11.00	11.00																						
		40	5200	12.76	14.00	12.42	13.50	15.63	16.5		14.00				14.00	13.50	13.50																						
		44	5220	12.76	14.00	12.39	13.50	15.63	16.5		14.00				14.00	13.50	13.50																						
	802.11n-HT20 MCS0	48	5240	15.52	16.50	14.97	16.00	18.28	19.5		16.50				16.50	16.00	16.00																						
		36	5180	16.06	15.00	13.603	14.50	15.843	16.0		15.00				15.00	14.50	14.50																						
		44	5220	16.13	17.00	15.53	16.50	18.93	19.0		17.00				17.00	16.50	16.50																				100		
	802.11n-HT40 MCS0	48	5240	15.93	17.00	15.50	16.50	18.73	20.0		17.00				17.00	16.00	16.00																						
		36	5180	15.70	16.00	15.50	16.50	18.71	19.0		16.00				16.00	15.50	15.50																						
		38	5190	13.09	14.00	12.54	13.50	15.63	17.0		13.00				13.00	14.00	12.54	13.50	15.63	17.0																	100		
	802.11ac-VHT20 MCS0	48	5230	15.98	17.00	15.63	16.50	18.82	20.0		17.00				17.00	16.50	16.50																						
		36	5180	15.71	16.00	15.58	16.00	18.60	18.0		16.00				16.00	15.50	15.50																						
		40	5200	16.22	17.00	15.57	16.50	18.92	20.0		17.00				17.00	16.00	16.00																						
	802.11ac-VHT40 MCS0	44	5220	16.05	17.00	15.63	16.50	18.86	20.0		17.00				17.00	16.00	16.00																						
		48	5240	16.02	17.00	15.64	16.50	18.80	20.0		17.00				17.00	16.00	16.00																						
		38	5190	13.13	14.00	12.59	13.50	15.68	17.0		14.00				14.00	13.50	13.50																						
	802.11ac-VHT80 MCS0	46	5230	16.04	17.00	15.64	16.50	18.85	20.0		17.00				17.00	16.00	16.00																						
		42	5210	12.25	13.50	11.86	13.50	15.53	17.0		13.50				13.50	13.00	13.00																						
		36	5180	14.37	16.50	13.66	16.00	16.99	18.0		16.50				16.50	16.00	16.00																						
	802.11n-HE20 MCS0	40	5200	16.25	17.00	15.69	16.50	18.99	20.0		17.00				17.00	16.00	16.00																						
44		5220	16.06	17.00	15.69	16.50	18.99	20.0		17.00				17.00	16.00	16.00																							
48		5240	16.06	17.00	15.61	16.50	18.85	20.0		17.00				17.00	16.00	16.00																							
802.11n-HE40 MCS0	38	5190	13.17	14.50	12.86	14.00	15.93	17.0		14.50				14.50	14.00	14.00																							
	46	5230	16.08	17.00	15.75	16.50	18.98	20.0		17.00				17.00	16.00	16.00																							
	42	5210	12.26	13.50	11.91	13.50	15.51	17.0		13.50				13.50	13.00	13.00																							

BT BR/EDR			Ant10 Full power					
Mode	Channel	Frequency (MHz)	Average power (dBm)			Duty cycle	77.37	
			1Mbps	2Mbps	3Mbps		PDF Factor :	1.292
BR / EDR	CH 00	2402	9.39	6.52	6.50		SAR Excel :	1.077
	CH 39	2441	10.10	7.28	7.28			
	CH 78	2480	9.15	6.27	6.22			
Tune-up Limit			11.00	8.00	8.00			

BLE_1M			
Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	0.63
	CH 19	2440	1.51
	CH 39	2480	0.45
Tune-up Limit			2.00

BLE_2M			
Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	0.88
	CH 19	2440	1.66
	CH 39	2480	0.72
Tune-up Limit			2.00