

## Full Power Mode

GSM850 Ant0 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8	33.50	22.76	22.89	22.93	24.50
GSM 1 Tx slot	31.76	31.89	31.93					
GPRS 1 Tx slot	31.74	31.86	31.81					
GPRS 2 Tx slots	29.67	29.83	29.78					
GPRS 3 Tx slots	27.83	27.89	27.82					
GPRS 4 Tx slots	26.69	26.73	26.74					
EDGE 1 Tx slot	26.20	26.17	26.15					
EDGE 2 Tx slots	25.43	25.47	25.45					
EDGE 3 Tx slots	22.73	22.76	22.74					
EDGE 4 Tx slots	20.07	20.18	20.09					

WCDMA V Ant0 Default

Band	WCDMA V			Tune-up Limit (dBm)
	4102	4192	4293	
TX Channel	4357	4407	4458	
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	22.58	22.61	22.65	24.00
3GPP Rel 99 RMC 12.2Kbps	22.62	22.65	22.57	24.00
3GPP Rel 6 HSDPA Subtest-1	21.62	21.64	21.58	23.00
3GPP Rel 6 HSDPA Subtest-2	21.57	21.59	21.57	23.00
3GPP Rel 6 HSDPA Subtest-3	21.18	21.18	21.01	22.50
3GPP Rel 6 HSDPA Subtest-4	21.00	21.12	21.08	22.50
3GPP Rel 6 DC-HSDPA Subtest-1	21.63	21.71	21.51	23.00
3GPP Rel 6 DC-HSDPA Subtest-2	21.59	21.63	21.54	23.00
3GPP Rel 6 DC-HSDPA Subtest-3	21.13	21.27	20.97	22.50
3GPP Rel 6 DC-HSDPA Subtest-4	21.11	21.19	20.98	22.50
3GPP Rel 6 HSUPA Subtest-1	21.56	21.67	21.56	23.00
3GPP Rel 6 HSUPA Subtest-2	19.59	19.70	19.83	21.00
3GPP Rel 6 HSUPA Subtest-3	20.53	20.60	20.54	22.00
3GPP Rel 6 HSUPA Subtest-4	19.65	19.73	19.46	21.00
3GPP Rel 6 HSUPA Subtest-5	21.59	21.59	21.62	23.00



GSM1900 Ant1 Default

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	30.50	1850.2	1880	1909.8	21.50
GSM 1 Tx slot	29.40	29.39	29.32	30.50	20.40	20.39	20.32	21.50
GPRS 1 Tx slot	29.39	29.36	29.30	30.50	20.39	20.36	20.30	21.50
GPRS 2 Tx slots	27.53	27.62	27.52	28.50	21.53	21.62	21.52	22.50
GPRS 3 Tx slots	24.93	24.86	24.80	26.00	20.67	20.60	20.54	21.74
GPRS 4 Tx slots	22.99	23.04	23.08	24.00	19.99	20.04	20.08	21.00
EDGE 1 Tx slot	24.54	24.61	24.61	25.50	15.54	15.61	15.61	16.50
EDGE 2 Tx slots	23.29	23.30	23.30	24.50	17.29	17.30	17.30	18.50
EDGE 3 Tx slots	21.24	21.18	21.09	22.00	16.98	16.92	16.83	17.74
EDGE 4 Tx slots	19.10	19.09	19.09	20.00	16.10	16.09	16.09	17.00

WCDMA II Ant1 Default

WCDMA IV Ant1 Default

Band TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513	
Rx Channel	9562	9600	9638		1537	1638	1738	
Frequency (MHz)	1852.4	1880	1907.6	24.00	1724	1736	1752.8	24.00
3GPP Rel 99 AMR 12.2kbps	22.50	22.64	22.53	24.00	22.51	22.55	22.49	24.00
3GPP Rel 99 RMC 12.2kbps	22.51	22.66	22.59	24.00	22.59	22.60	22.51	24.00
3GPP Rel 6 HSDPA Subtest-1	21.63	21.75	21.62	23.00	21.56	21.54	21.65	23.00
3GPP Rel 6 HSDPA Subtest-2	21.63	21.63	21.52	23.00	21.70	21.70	21.59	23.00
3GPP Rel 6 HSDPA Subtest-3	21.29	21.24	21.01	22.50	21.11	21.24	20.94	22.50
3GPP Rel 6 HSDPA Subtest-4	20.93	21.05	20.98	22.50	20.95	21.14	21.10	22.50
3GPP Rel 6 DC-HSDPA Subtest-1	21.66	21.65	21.50	23.00	21.67	21.63	21.50	23.00
3GPP Rel 8 DC-HSDPA Subtest-2	21.69	21.61	21.50	23.00	21.50	21.59	21.62	23.00
3GPP Rel 8 DC-HSDPA Subtest-3	21.07	21.36	21.00	22.50	21.24	21.20	21.11	22.50
3GPP Rel 8 DC-HSDPA Subtest-4	21.10	21.15	21.04	22.50	21.11	21.21	20.89	22.50
3GPP Rel 6 HSUPA Subtest-1	21.48	21.66	21.69	23.00	21.48	21.64	21.48	23.00
3GPP Rel 6 HSUPA Subtest-2	19.56	19.74	19.70	21.00	19.50	19.66	19.54	21.00
3GPP Rel 6 HSUPA Subtest-3	20.44	20.62	20.46	22.00	20.59	20.63	20.52	22.00
3GPP Rel 6 HSUPA Subtest-4	19.56	19.64	19.49	21.00	19.61	19.71	19.49	21.00
3GPP Rel 6 HSUPA Subtest-5	21.55	21.72	21.64	23.00	21.66	21.53	21.58	23.00



Band 5 Ant0 Default											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				23050	23055	23055					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	22.36	22.47	22.41					
10	QPSK	1	25	22.22	22.35	22.32			24	0	
10	QPSK	1	49	22.28	22.37	22.34					
10	QPSK	25	0	21.44	21.48	21.44					
10	QPSK	25	12	21.36	21.44	21.38					
10	QPSK	25	25	21.26	21.38	21.33			23	1	
10	QPSK	50	0	21.43	21.49	21.41					
10	16QAM	1	0	21.70	21.85	21.81					
10	16QAM	1	25	21.61	21.75	21.74			23	1	
10	16QAM	1	49	21.62	21.75	21.65					
10	16QAM	25	0	20.53	20.58	20.51					
10	16QAM	25	12	20.37	20.46	20.44					
10	16QAM	25	25	20.22	20.37	20.37			22	2	
10	16QAM	50	0	20.47	20.52	20.51					
10	64QAM	1	0	20.58	20.67	20.67					
10	64QAM	1	25	20.34	20.51	20.52			22	2	
10	64QAM	1	49	20.65	20.75	20.74					
10	64QAM	25	0	19.41	19.57	19.55					
10	64QAM	25	12	19.39	19.46	19.39					
10	64QAM	25	25	19.37	19.52	19.49			21	3	
10	256QAM	1	0	17.40	17.53	17.43					
10	256QAM	1	25	17.26	17.43	17.39			19	5	
10	256QAM	1	49	17.39	17.54	17.48					
10	256QAM	25	0	17.51	17.59	17.52					
10	256QAM	25	12	17.26	17.39	17.29					
10	256QAM	25	25	17.30	17.41	17.39			19	5	
10	256QAM	50	0	17.48	17.54	17.46					
Channel				20625	20625	20625					
Frequency (MHz)				626.5	636.5	646.5					
5	QPSK	1	0	22.27	22.31	22.34					
5	QPSK	1	12	22.11	22.23	22.23			24	0	
5	QPSK	1	24	22.23	22.25	22.25					
5	QPSK	12	0	21.33	21.38	21.38					
5	QPSK	12	7	21.32	21.38	21.31			23	1	
5	QPSK	12	13	21.14	21.25	21.23					
5	QPSK	25	0	21.22	21.44	21.33					
5	16QAM	1	0	21.64	21.81	21.69					
5	16QAM	1	12	21.49	21.62	21.66			23	1	
5	16QAM	1	24	21.49	21.71	21.58					
5	16QAM	12	0	20.43	20.44	20.44					
5	16QAM	12	7	20.30	20.36	20.38			22	2	
5	16QAM	12	13	20.48	20.52	20.35					
5	16QAM	25	0	20.38	20.40	20.35					
5	64QAM	1	0	20.53	20.56	20.58					
5	64QAM	1	12	20.26	20.40	20.41			22	2	
5	64QAM	1	24	20.52	20.64	20.61					
5	64QAM	12	0	19.27	19.46	19.44					
5	64QAM	12	7	19.25	19.41	19.42					
5	64QAM	12	13	19.30	19.48	19.39			21	3	
5	64QAM	25	0	19.30	19.38	19.37					
5	256QAM	1	0	17.31	17.43	17.34					
5	256QAM	1	12	17.21	17.32	17.28			19	5	
5	256QAM	1	24	17.29	17.41	17.38					
5	256QAM	12	0	17.37	17.48	17.40					
5	256QAM	12	7	17.22	17.23	17.14			19	5	
5	256QAM	12	13	17.18	17.34	17.33					
5	256QAM	25	0	17.37	17.46	17.40					
Channel				20915	20925	20935					
Frequency (MHz)				626.5	636.5	646.5					
3	QPSK	1	0	22.21	22.30	22.28					
3	QPSK	1	8	22.17	22.30	22.17			24	0	
3	QPSK	1	14	22.21	22.24	22.20					
3	QPSK	8	0	21.40	21.44	21.42					
3	QPSK	8	4	21.31	21.29	21.23			23	1	
3	QPSK	15	0	21.20	21.28	21.24					
3	QPSK	15	0	21.33	21.37	21.29					
3	16QAM	1	0	21.58	21.71	21.76					
3	16QAM	1	8	21.47	21.65	21.68			23	1	
3	16QAM	1	14	21.49	21.71	21.56					
3	16QAM	8	0	20.45	20.47	20.41					
3	16QAM	8	4	20.30	20.32	20.32					
3	16QAM	8	7	20.17	20.22	20.32			22	2	
3	16QAM	15	0	20.34	20.44	20.47					
3	64QAM	1	0	20.51	20.54	20.60					
3	64QAM	1	8	20.29	20.38	20.38			22	2	
3	64QAM	1	14	20.50	20.56	20.56					
3	64QAM	8	0	19.35	19.50	19.39					
3	64QAM	8	4	19.34	19.42	19.27			21	3	
3	64QAM	8	7	19.27	19.43	19.40					
3	64QAM	15	0	19.26	19.40	19.41					
3	256QAM	1	0	17.29	17.48	17.39					
3	256QAM	1	8	17.13	17.31	17.27			19	5	
3	256QAM	1	14	17.24	17.42	17.33					
3	256QAM	8	0	17.39	17.47	17.47					
3	256QAM	8	4	17.21	17.30	17.16			19	5	
3	256QAM	8	7	17.16	17.32	17.32					
3	256QAM	15	0	17.30	17.40	17.38					
Channel				20947	20955	20963					
Frequency (MHz)				624.7	636.5	648.3					
1.4	QPSK	1	0	22.25	22.35	22.33					
1.4	QPSK	1	3	22.13	22.29	22.28					
1.4	QPSK	1	5	22.23	22.26	22.22			24	0	
1.4	QPSK	3	0	22.20	22.36	22.35					
1.4	QPSK	3	1	22.16	22.31	22.21					
1.4	QPSK	3	3	22.20	22.30	22.23					
1.4	QPSK	6	0	21.33	21.35	21.25			23	1	
1.4	16QAM	1	0	21.62	21.73	21.70					
1.4	16QAM	1	3	21.50	21.64	21.60					
1.4	16QAM	1	5	21.50	21.68	21.54					
1.4	16QAM	3	0	21.30	21.32	21.26			23	1	
1.4	16QAM	3	1	21.57	21.72	21.65					
1.4	16QAM	3	3	21.55	21.66	21.65					
1.4	16QAM	6	0	21.56	21.72	21.57			22	2	
1.4	64QAM	1	0	20.54	20.56	20.62					
1.4	64QAM	1	3	20.22	20.47	20.41					
1.4	64QAM	1	5	20.53	20.68	20.62			22	2	
1.4	64QAM	3	0	20.58	20.51	20.65					
1.4	64QAM	3	1	20.28	20.47	20.40					
1.4	64QAM	3	3	20.57	20.72	20.62					
1.4	64QAM	6	0	19.30	19.46	19.40			21	3	
1.4	256QAM	1	0	17.32	17.41	17.34					
1.4	256QAM	1	3	17.18	17.37	17.33					
1.4	256QAM	1	5	17.30	17.50	17.33					
1.4	256QAM	3	0	17.47	17.47	17.47			19	5	
1.4	256QAM	3	1	17.21	17.55	17.23					
1.4	256QAM	3	3	17.24	17.33	17.34					
1.4	256QAM	6	0	17.34	17.44	17.31			19	5	

Band 12 Ant0 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23065	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	22.26	22.34	22.31				
10	QPSK	1	25	22.12	22.26	22.23			24	0
10	QPSK	1	49	22.04	22.18	22.17				
10	QPSK	25	0	21.38	21.49	21.34				
10	QPSK	25	12	21.14	21.25	21.19				
10	QPSK	25	25	21.28	21.33	21.28			23	1
10	QPSK	50	0	21.37	21.44	21.35				
10	16QAM	1	0	21.51	21.65	21.65				
10	16QAM	1	25	21.42	21.42	21.37			23	1
10	16QAM</									



Band 17 Ant0 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				2375	2376	2380				
Frequency (MHz)				709	710	711				
10	QPSK	1	0	22.39	22.42	22.40				
10	QPSK	1	25	22.20	22.26	22.18			24	0
10	QPSK	1	49	22.16	22.31	22.23				
10	QPSK	25	0	21.36	21.41	21.31				
10	QPSK	25	12	21.17	21.28	21.20			23	1
10	QPSK	25	25	21.27	21.36	21.26				
10	QPSK	50	0	21.18	21.30	21.22				
10	16QAM	1	0	21.46	21.61	21.45				
10	16QAM	1	25	21.30	21.41	21.31			23	1
10	16QAM	1	49	21.30	21.43	21.35				
10	16QAM	25	0	20.31	20.44	20.36				
10	16QAM	25	12	20.43	20.49	20.40				
10	16QAM	25	25	20.40	20.52	20.46			22	2
10	16QAM	50	0	20.21	20.33	20.23				
10	84QAM	1	0	20.33	20.46	20.34				
10	84QAM	1	25	20.28	20.38	20.33			22	2
10	84QAM	1	49	20.27	20.43	20.29				
10	84QAM	25	0	19.45	19.51	19.45				
10	84QAM	25	12	19.17	19.27	19.16				
10	84QAM	25	25	19.34	19.43	19.29			21	3
10	84QAM	50	0	19.24	19.38	19.30				
10	256QAM	1	0	17.39	17.54	17.47				
10	256QAM	1	25	17.11	17.24	17.20			19	5
10	256QAM	1	49	17.32	17.46	17.35				
10	256QAM	25	0	17.17	17.33	17.20				
10	256QAM	25	12	17.10	17.23	17.15				
10	256QAM	25	25	17.39	17.47	17.43			19	5
10	256QAM	50	0	17.28	17.41	17.29				
Channel				2375	2376	2380				
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	22.27	22.37	22.33				
5	QPSK	1	12	22.06	22.16	22.08				
5	QPSK	1	24	22.01	22.15	22.16			24	0
5	QPSK	12	0	21.29	21.29	21.18				
5	QPSK	12	7	21.06	21.12	21.15			23	1
5	QPSK	12	13	21.23	21.22	21.20				
5	QPSK	25	0	21.06	21.16	21.10				
5	16QAM	1	0	21.34	21.57	21.41				
5	16QAM	1	12	21.14	21.28	21.15			23	1
5	16QAM	1	24	21.20	21.32	21.33				
5	16QAM	12	0	20.22	20.33	20.22				
5	16QAM	12	7	20.39	20.39	20.33			22	2
5	16QAM	12	13	20.29	20.40	20.38				
5	16QAM	25	0	20.14	20.28	20.10				
5	84QAM	1	0	20.17	20.41	20.20				
5	84QAM	1	12	20.17	20.26	20.18			22	2
5	84QAM	1	24	20.17	20.38	20.14				
5	84QAM	12	0	19.25	19.37	19.26				
5	84QAM	12	7	19.10	19.22	19.10				
5	84QAM	12	13	19.28	19.27	19.17			21	3
5	84QAM	25	0	19.20	19.28	19.25				
5	256QAM	1	0	17.29	17.46	17.33				
5	256QAM	1	12	17.03	17.19	17.06			19	5
5	256QAM	1	24	17.27	17.41	17.31				
5	256QAM	12	0	17.06	17.29	17.09				
5	256QAM	12	7	17.02	17.09	17.04			19	5
5	256QAM	12	13	17.30	17.39	17.29				
5	256QAM	25	0	17.20	17.34	17.17				

Band 26 for FCC Ant0 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				2675	2685	2695				
Frequency (MHz)				821.5	831.5	841.5				
15	QPSK	1	0	22.19	22.38	22.25				
15	QPSK	1	37	22.05	22.17	22.10			24	0
15	QPSK	1	74	22.15	22.21	22.13				
15	QPSK	36	0	21.40	21.45	21.41				
15	QPSK	36	20	21.24	21.32	21.26			23	1
15	QPSK	36	39	21.27	21.41	21.37				
15	QPSK	75	0	21.28	21.35	21.26				
15	16QAM	1	0	21.27	21.38	21.31				
15	16QAM	1	37	21.19	21.26	21.14			23	1
15	16QAM	1	74	21.40	21.45	21.29				
15	16QAM	36	0	20.41	20.52	20.42				
15	16QAM	36	20	20.34	20.43	20.34				
15	16QAM	36	39	20.22	20.31	20.20			22	2
15	16QAM	75	0	20.35	20.46	20.36				
15	84QAM	1	0	20.37	20.43	20.39				
15	84QAM	1	37	20.16	20.28	20.12			22	2
15	84QAM	1	74	20.26	20.38	20.24				
15	84QAM	36	0	19.35	19.48	19.41				
15	84QAM	36	20	19.11	19.21	19.13			21	3
15	84QAM	36	39	19.28	19.38	19.29				
15	84QAM	75	0	19.39	19.47	19.39				
15	256QAM	1	0	17.36	17.43	17.37				
15	256QAM	1	37	17.23	17.29	17.25			19	5
15	256QAM	1	74	17.26	17.36	17.29				
15	256QAM	36	0	17.45	17.55	17.45				
15	256QAM	36	20	17.37	17.42	17.34				
15	256QAM	36	39	17.23	17.38	17.26			19	5
15	256QAM	75	0	17.38	17.51	17.42				
Channel				2674	2685	2699				
Frequency (MHz)				819	831.5	844				
10	QPSK	1	0	22.10	22.22	22.19				
10	QPSK	1	25	22.04	22.04	22.01			24	0
10	QPSK	1	49	22.05	22.06	22.11				
10	QPSK	25	0	21.27	21.37	21.25				
10	QPSK	25	12	21.09	21.25	21.14			23	1
10	QPSK	25	25	21.16	21.29	21.31				
10	QPSK	50	0	21.13	21.24	21.16				
10	16QAM	1	0	21.18	21.27	21.22				
10	16QAM	1	25	21.13	21.14	21.02			23	1
10	16QAM	1	49	21.30	21.37	21.16				
10	16QAM	25	0	20.31	20.45	20.33				
10	16QAM	25	12	20.20	20.31	20.26			22	2
10	16QAM	25	25	20.28	20.34	20.28				
10	16QAM	50	0	20.23	20.30	20.27				
10	84QAM	1	0	20.28	20.31	20.31				
10	84QAM	1	25	20.00	20.13	20.06			22	2
10	84QAM	1	49	20.22	20.22	20.11				
10	84QAM	25	0	19.25	19.41	19.30				
10	84QAM	25	12	19.21	19.31	19.16				
10	84QAM	25	25	19.21	19.11	19.23			21	3
10	84QAM	50	0	19.32	19.43	19.32				
10	256QAM	1	0	17.26	17.28	17.23				
10	256QAM	1	25	17.09	17.16	17.14			19	5
10	256QAM	1	49	17.32	17.31	17.21				
10	256QAM	25	0	17.32	17.43	17.41				
10	256QAM	25	12	17.24	17.28	17.21			19	5
10	256QAM	25	25	17.15	17.33	17.15				
10	256QAM	50	0	17.32	17.40	17.26				
Channel				2675	2685	2695				
Frequency (MHz)				816.5	831.5	846.5				
5	QPSK	1	0	22.14	22.22	22.16				
5	QPSK	1	12	22.03	22.11	22.05			24	0
5	QPSK	1	24	22.06	22.09	22.01				
5	QPSK	12	0	21.35	21.38	21.26				
5	QPSK	12	7	21.20	21.24	21.18			23	1
5	QPSK	12	13	21.15	21.36	21.28				
5	QPSK	25	0	21.35	21.22	21.12				
5	16QAM	1	0	21.14	21.31	21.22			23	1</



Band 2 Ant1 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power High Ch./Freq.	Power Hsp Ch./Freq.	Time-up (min)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.83	22.71	22.70				
20	QPSK	1	49	22.83	22.71	22.70	24	0		
20	QPSK	1	98	22.99	22.69	22.67				
20	QPSK	50	0	21.71	21.61	21.71				
20	QPSK	24	0	21.44	21.53	21.44				
20	QPSK	50	50	21.48	21.64	21.53	23	1		
20	QPSK	100	0	21.71	21.76	21.68				
20	HQAM	1	49	21.98	22.05	21.97				
20	HQAM	1	49	21.87	21.85	21.88	23	1		
20	HQAM	1	99	21.94	22.01	21.85				
20	HQAM	50	0	20.92	20.79	20.84				
20	HQAM	50	24	20.53	20.59	20.58	22	2		
20	HQAM	50	50	20.59	20.66	20.61				
20	HQAM	100	0	20.95	20.75	20.70				
20	64QAM	1	0	20.78	20.85	20.73				
20	64QAM	1	49	20.72	20.75	20.71	22	2		
20	64QAM	50	0	19.81	19.69	19.54				
20	64QAM	50	24	19.99	19.74	19.88	21	3		
20	64QAM	50	50	19.99	19.71	19.84				
20	64QAM	100	0	19.78	19.63	19.78				
20	64QAM	1	49	17.78	17.78	17.63				
20	256QAM	1	99	17.58	17.65	17.60	19	5		
20	256QAM	1	99	17.61	17.72	17.59				
20	256QAM	50	0	17.59	17.59	17.56				
20	256QAM	50	24	17.69	17.81	17.70	19	5		
20	256QAM	50	50	17.62	17.69	17.63				
20	256QAM	100	0	17.62	17.62	17.57				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.81	22.69	22.65				
15	QPSK	1	49	22.40	22.44	22.50	24	0		
15	QPSK	1	74	22.44	22.59	22.45				
15	QPSK	36	0	21.97	21.89	21.83				
15	QPSK	100	0	21.31	21.44	21.30				
15	QPSK	36	36	21.38	21.56	21.39	23	1		
15	QPSK	75	0	21.81	21.87	21.82				
15	HQAM	1	37	21.91	21.97	21.86				
15	HQAM	1	37	21.79	21.86	21.78	23	1		
15	HQAM	1	74	21.78	21.81	21.81				
15	HQAM	36	0	20.92	20.85	20.49				
15	HQAM	36	36	20.46	20.57	20.45	22	2		
15	HQAM	75	0	20.52	20.56	20.52				
15	HQAM	75	0	20.51	20.62	20.60				
15	64QAM	1	0	20.62	20.78	20.61				
15	64QAM	1	37	20.69	20.67	20.64	22	2		
15	64QAM	1	74	20.61	20.75	20.58				
15	64QAM	36	0	19.47	19.62	19.42				
15	64QAM	36	36	19.49	19.63	19.47	21	3		
15	64QAM	36	36	19.49	19.58	19.53				
15	64QAM	75	0	19.68	19.76	19.65				
15	256QAM	1	37	17.45	17.57	17.54	19	5		
15	256QAM	1	74	17.51	17.63	17.44				
15	256QAM	36	0	17.53	17.65	17.46				
15	256QAM	36	36	17.52	17.67	17.59	19	5		
15	256QAM	75	0	17.47	17.53	17.49				
15	256QAM	75	0	17.56	17.70	17.58				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.40	22.40	22.40				
10	QPSK	1	25	22.38	22.61	22.53	24	0		
10	QPSK	1	49	22.45	22.56	22.42				
10	QPSK	25	0	21.61	21.72	21.61				
10	QPSK	25	12	21.29	21.52	21.30				
10	QPSK	25	25	21.35	21.56	21.41	23	1		
10	HQAM	1	0	21.58	21.67	21.58				
10	HQAM	1	25	21.90	21.92	21.88				
10	HQAM	1	25	21.79	21.85	21.74	23	1		
10	HQAM	1	49	21.94	21.96	21.91				
10	HQAM	25	0	20.95	20.99	20.97				
10	HQAM	25	12	20.46	20.55	20.47	22	2		
10	HQAM	25	25	20.40	20.45	20.45				
10	HQAM	50	0	20.95	20.65	20.58				
10	64QAM	1	0	20.67	20.72	20.69				
10	64QAM	1	25	20.62	20.75	20.62	22	2		
10	64QAM	1	49	20.95	20.77	20.62				
10	64QAM	25	0	19.53	19.59	19.50				
10	64QAM	25	12	19.48	19.62	19.44	21	3		
10	64QAM	25	25	19.45	19.68	19.52				
10	64QAM	50	0	19.62	19.75	19.66				
10	256QAM	1	25	17.51	17.63	17.51	19	5		
10	256QAM	1	49	17.52	17.64	17.41				
10	256QAM	1	49	17.54	17.65	17.48				
10	256QAM	25	12	17.60	17.78	17.63	19	5		
10	256QAM	25	25	17.50	17.59	17.50				
10	256QAM	50	0	17.56	17.70	17.58				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.54	22.54	22.54				
5	QPSK	1	12	22.45	22.60	22.45	24	0		
5	QPSK	1	24	22.55	22.65	22.45				
5	QPSK	12	0	21.68	21.82	21.62				
5	QPSK	12	7	21.32	21.53	21.34				
5	QPSK	12	13	21.43	21.48	21.48	23	1		
5	HQAM	1	0	21.58	21.69	21.58				
5	HQAM	1	0	21.93	21.97	21.84				
5	HQAM	1	12	21.73	21.84	21.73	23	1		
5	HQAM	12	0	21.93	21.91	21.83				
5	HQAM	12	0	20.53	20.63	20.52				
5	HQAM	12	7	20.38	20.64	20.45	22	2		
5	HQAM	12	13	20.41	20.50	20.49				
5	HQAM	25	0	20.60	20.70	20.61				
5	HQAM	25	0	20.60	20.70	20.65	22	2		
5	HQAM	25	7	20.58	20.67	20.53				
5	HQAM	25	13	19.54	19.68	19.48	21	3		
5	HQAM	25	19	19.70	19.70	19.69				
5	HQAM	15	0	17.68	17.73	17.50				
5	256QAM	1	12	17.43	17.55	17.48	19	5		
5	256QAM	1	24	17.53	17.65	17.43				
5	256QAM	12	0	17.56	17.55	17.49				
5	256QAM	12	7	17.56	17.76	17.64	19	5		
5	256QAM	15	0	17.59	17.65	17.51				
5	256QAM	15	0	17.60	17.68	17.52				
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.50	22.50	22.50				
3	QPSK	1	8	22.40	22.62	22.57	24	0		
3	QPSK	1	14	22.51	22.56	22.41				
3	QPSK	8	0	21.62	21.71	21.62				
3	QPSK	8	4	21.38	21.54	21.34				
3	QPSK	8	7	21.35	21.54	21.38	23	1		
3	HQAM	1	0	21.68	21.65	21.64				
3	HQAM	1	0	21.91	21.98	21.82				
3	HQAM	1	8	21.77	21.85	21.81	23	1		
3	HQAM	1	8	21.86	21.93	21.80				
3	HQAM	8	0	20.48	20.64	20.49				
3	HQAM	8	4	20.40	20.56	20.43	22	2		
3	HQAM	8	7	20.48	20.60	20.43				
3	HQAM	15	0	20.54	20.71	20.58				
3	HQAM	1	0	20.68	20.74	20.61				
3	HQAM	1	8	20.58	20.67	20.61	22	2		
3	64QAM	1	14	20.61	20.69	20.60				
3	64QAM	8	0	19.54	19.62	19.44				
3	64QAM	8	7	19.48	19.69	19.53	21	3		
3	64QAM	8	7	19.46	19.61	19.54				
3	256QAM	1	0	17.68	17.65	17.50				
3	256QAM	1	8	17.44	17.56	17.45	19	5		
3	256QAM	1	8							



Band 25 Ant1 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.76	22.83	22.79			24	0
20	QPSK	1	49	22.83	22.74	22.83				
20	QPSK	1	99	22.83	22.77	22.83				
20	QPSK	50	0	21.89	22.01	21.88			23	1
20	QPSK	50	24	21.72	21.83	21.84				
20	QPSK	50	50	21.77	21.81	21.78				
20	QPSK	100	0	21.82	21.98	21.85				
20	HQAM	1	0	22.12	22.21	22.09			23	1
20	HQAM	1	49	21.98	22.05	21.99				
20	HQAM	1	99	21.82	22.08	22.00				
20	HQAM	50	0	20.74	20.83	20.71			22	2
20	HQAM	50	24	20.77	20.83	20.72				
20	HQAM	50	50	20.82	20.87	20.84				
20	HQAM	100	0	20.88	20.92	20.89				
20	HQAM	1	0	20.81	20.94	20.86			22	2
20	HQAM	1	49	20.83	20.98	20.93				
20	HQAM	1	99	20.82	20.98	20.96				
20	HQAM	50	0	19.85	19.94	19.86			21	3
20	HQAM	50	24	19.73	19.82	19.84				
20	HQAM	50	50	19.88	19.94	19.79				
20	HQAM	100	0	19.80	19.94	19.81				
20	HQAM	1	0	17.83	17.84	17.82			19	5
20	HQAM	1	49	17.88	17.77	17.87				
20	HQAM	1	99	17.86	17.82	17.78				
20	HQAM	50	0	17.88	17.86	17.82			19	5
20	HQAM	50	24	17.72	17.78	17.89				
20	HQAM	50	50	17.82	17.82	17.86				
20	HQAM	100	0	17.87	17.86	17.88				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.89	22.87	22.71			24	0
15	QPSK	1	37	22.87	22.88	22.81				
15	QPSK	1	74	22.49	22.68	22.58				
15	QPSK	50	0	21.73	21.93	21.76			23	1
15	QPSK	50	20	21.68	21.87	21.86				
15	QPSK	50	38	21.83	21.86	21.81				
15	QPSK	75	0	21.75	21.91	21.78				
15	HQAM	1	0	21.89	22.10	22.01			23	1
15	HQAM	1	37	21.92	21.92	21.85				
15	HQAM	1	74	21.83	21.87	21.82				
15	HQAM	36	0	20.87	20.77	20.85			22	2
15	HQAM	36	20	20.73	20.78	20.81				
15	HQAM	36	38	20.88	20.84	20.82				
15	HQAM	75	0	20.77	20.79	20.81				
15	HQAM	1	0	20.73	20.73	20.72			22	2
15	HQAM	1	37	20.82	20.82	20.78				
15	HQAM	1	74	20.85	20.85	20.78				
15	HQAM	36	0	19.89	19.88	19.80			21	3
15	HQAM	36	20	19.88	19.77	19.84				
15	HQAM	36	38	19.74	19.81	19.82				
15	HQAM	75	0	19.89	19.89	19.78				
15	HQAM	1	0	17.73	17.82	17.75			19	5
15	HQAM	1	37	17.58	17.65	17.58				
15	HQAM	1	74	17.67	17.87	17.71				
15	HQAM	36	0	17.81	17.83	17.82				
15	HQAM	36	20	17.86	17.89	17.89			19	5
15	HQAM	36	38	17.75	17.78	17.79				
15	HQAM	75	0	17.75	17.87	17.73				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.80	22.87	22.83			24	0
10	QPSK	1	25	22.50	22.67	22.63				
10	QPSK	1	49	22.53	22.68	22.54				
10	QPSK	25	0	21.80	21.92	21.89			23	1
10	QPSK	25	12	21.59	21.69	21.49				
10	QPSK	25	25	21.66	21.67	21.60				
10	QPSK	50	0	21.86	21.88	21.86				
10	HQAM	1	0	22.00	22.17	21.93			23	1
10	HQAM	1	25	21.85	21.90	21.82				
10	HQAM	1	49	21.88	21.95	21.89				
10	HQAM	25	0	20.84	20.73	20.83			22	2
10	HQAM	25	12	20.85	20.70	20.82				
10	HQAM	25	25	20.91	20.92	20.84				
10	HQAM	50	0	20.78	20.87	20.74				
10	HQAM	1	0	20.69	20.79	20.78			22	2
10	HQAM	1	25	20.89	20.83	20.82				
10	HQAM	1	49	20.77	20.93	20.78				
10	HQAM	25	0	19.89	19.90	19.71			21	3
10	HQAM	25	12	19.88	19.72	19.85				
10	HQAM	25	25	19.78	19.88	19.72				
10	HQAM	50	0	19.88	19.84	19.67				
10	HQAM	1	0	17.69	17.84	17.71			19	5
10	HQAM	1	25	17.56	17.69	17.58				
10	HQAM	1	49	17.69	17.80	17.65				
10	HQAM	25	0	17.81	17.85	17.84				
10	HQAM	25	12	17.67	17.69	17.69			19	5
10	HQAM	25	25	17.69	17.80	17.62				
10	HQAM	50	0	17.75	17.86	17.64				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.87	22.81	22.81			24	0
5	QPSK	1	12	22.53	22.61	22.50				
5	QPSK	1	24	22.53	22.71	22.51				
5	QPSK	12	0	21.74	21.90	21.84			23	1
5	QPSK	12	7	21.62	21.74	21.58				
5	QPSK	12	13	21.73	21.88	21.82				
5	QPSK	25	0	21.71	21.81	21.80				
5	HQAM	1	0	22.04	22.11	21.94			23	1
5	HQAM	1	12	21.80	22.01	21.91				
5	HQAM	1	24	21.83	21.94	21.87				
5	HQAM	12	0	20.83	20.73	20.87			22	2
5	HQAM	12	7	20.87	20.70	20.87				
5	HQAM	12	13	20.87	20.80	20.87				
5	HQAM	25	0	20.81	20.88	20.78				
5	HQAM	1	0	20.68	20.84	20.72			22	2
5	HQAM	1	12	20.78	20.88	20.89				
5	HQAM	1	24	20.89	20.93	20.78				
5	HQAM	12	0	19.77	19.78	19.81			21	3
5	HQAM	12	7	19.68	19.74	19.69				
5	HQAM	12	13	19.71	19.87	19.69				
5	HQAM	25	0	19.71	19.80	19.71				
5	HQAM	25	0	17.75	17.76	17.81			19	5
5	HQAM	1	0	17.69	17.85	17.69				
5	HQAM	1	12	17.69	17.85	17.69				
5	HQAM	1	24	17.67	17.82	17.66				
5	HQAM	12	0	17.82	17.80	17.80				
5	HQAM	12	7	17.89	17.85	17.82			19	5
5	HQAM	12	13	17.75	17.78	17.77				
5	HQAM	25	0	17.82	17.90	17.82				
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.71	22.68	22.71			24	0
3	QPSK	1	8	22.46	22.60	22.61				
3	QPSK	1	14	22.55	22.64	22.50				
3	QPSK	3	0	21.84	21.90	21.74			23	1
3	QPSK	3	4	21.68	21.71	21.58				
3	QPSK	3	7	21.62	21.86	21.68				
3	QPSK	15	0	21.69	21.83	21.61				
3	HQAM	1	0	21.98	22.12	21.95			23	1
3	HQAM	1	8	21.91	21.92	21.89				
3	HQAM	1	14	21.78	21.92	21.89				
3	HQAM	3	0	20.85	20.87	20.89			22	2
3	HQAM	3	4	20.71	20.74	20.67				
3	HQAM	3	7	20.92	20.92	20.91				
3	HQAM	15	0	20.77	20.77	20.84				
3	HQAM	1	0	20.68	20.94	20.72			22	2
3	HQAM	1	8	20.70	20.92	20.88				
3	HQAM	1	14	20.76	20.92	20.73				



Band 38 Ant1 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	22.86	22.92	22.82	24	0		
20	QPSK	1	49	22.66	22.74	22.67				
20	QPSK	1	99	22.50	22.59	22.55				
20	QPSK	50	0	21.64	21.78	21.63	23	1		
20	QPSK	50	24	21.55	21.68	21.62				
20	QPSK	50	50	21.66	21.75	21.61				
20	QPSK	100	0	21.61	21.70	21.62	23	1		
20	16QAM	1	0	21.79	21.90	21.79				
20	16QAM	1	49	21.66	21.79	21.65				
20	16QAM	1	99	21.64	21.73	21.59	22	2		
20	16QAM	50	0	20.72	20.82	20.75				
20	16QAM	50	24	20.53	20.63	20.54				
20	16QAM	50	50	20.61	20.70	20.66	22	2		
20	16QAM	100	0	20.67	20.73	20.67				
20	84QAM	1	0	21.66	21.75	21.61				
20	84QAM	1	49	21.53	21.61	21.50	22	2		
20	84QAM	1	99	21.66	21.73	21.64				
20	84QAM	50	0	20.70	20.74	20.62				
20	84QAM	50	24	20.52	20.58	20.48	21	3		
20	84QAM	50	50	20.66	20.72	20.67				
20	84QAM	100	0	20.64	20.78	20.73				
20	256QAM	1	0	17.63	17.70	17.58	19	5		
20	256QAM	1	49	17.52	17.61	17.58				
20	256QAM	1	99	17.55	17.64	17.51				
20	256QAM	50	0	17.78	17.85	17.78	19	5		
20	256QAM	50	24	17.58	17.68	17.59				
20	256QAM	50	50	17.62	17.77	17.68				
20	256QAM	100	0	17.61	17.76	17.64				
Channel				37825	38000	38175				
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	22.76	22.79	22.71	24	0		
15	QPSK	1	37	22.57	22.60	22.63				
15	QPSK	1	74	22.43	22.49	22.49				
15	QPSK	36	0	21.60	21.71	21.53	23	1		
15	QPSK	36	20	21.40	21.52	21.52				
15	QPSK	36	39	21.54	21.66	21.57				
15	QPSK	75	0	21.55	21.59	21.50	23	1		
15	16QAM	1	0	21.71	21.81	21.68				
15	16QAM	1	37	21.51	21.66	21.50				
15	16QAM	1	74	21.55	21.57	21.45	22	2		
15	16QAM	36	0	20.58	20.73	20.69				
15	16QAM	36	20	20.39	20.50	20.49				
15	16QAM	36	39	20.51	20.60	20.50	22	2		
15	16QAM	75	0	20.58	20.62	20.54				
15	84QAM	1	0	21.54	21.64	21.55				
15	84QAM	1	37	21.38	21.53	21.38	22	2		
15	84QAM	1	74	21.51	21.67	21.49				
15	84QAM	36	0	20.62	20.68	20.48				
15	84QAM	36	20	20.42	20.48	20.39	21	3		
15	84QAM	36	39	20.58	20.63	20.56				
15	84QAM	75	0	20.55	20.67	20.58				
15	256QAM	1	0	17.58	17.62	17.52	19	5		
15	256QAM	1	37	17.46	17.52	17.47				
15	256QAM	1	74	17.48	17.52	17.38				
15	256QAM	36	0	17.68	17.70	17.73	19	5		
15	256QAM	36	20	17.53	17.62	17.43				
15	256QAM	36	39	17.55	17.69	17.56				
15	256QAM	75	0	17.54	17.65	17.59				
Channel				37800	38000	38200				
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	22.78	22.81	22.73	24	0		
10	QPSK	1	25	22.56	22.67	22.57				
10	QPSK	1	49	22.41	22.48	22.45				
10	QPSK	25	0	21.53	21.70	21.50	23	1		
10	QPSK	25	12	21.44	21.59	21.48				
10	QPSK	25	25	21.53	21.62	21.52				
10	QPSK	50	0	21.50	21.56	21.54	23	1		
10	16QAM	1	0	21.71	21.76	21.68				
10	16QAM	1	25	21.59	21.73	21.49				
10	16QAM	1	49	21.52	21.64	21.48	22	2		
10	16QAM	25	0	20.67	20.68	20.64				
10	16QAM	25	12	20.48	20.51	20.45				
10	16QAM	25	25	20.46	20.58	20.57	22	2		
10	16QAM	50	0	20.57	20.62	20.58				
10	84QAM	1	0	21.60	21.61	21.52				
10	84QAM	1	25	21.39	21.56	21.36	22	2		
10	84QAM	1	49	21.62	21.65	21.55				
10	84QAM	25	0	20.64	20.58	20.58				
10	84QAM	25	12	20.39	20.54	20.33	21	3		
10	84QAM	25	25	20.56	20.66	20.58				
10	84QAM	50	0	20.59	20.73	20.63				
10	256QAM	1	0	17.49	17.58	17.51	19	5		
10	256QAM	1	25	17.44	17.45	17.43				
10	256QAM	1	49	17.40	17.59	17.40				
10	256QAM	25	0	17.65	17.69	17.64	19	5		
10	256QAM	25	12	17.51	17.53	17.44				
10	256QAM	25	25	17.56	17.73	17.61				
10	256QAM	50	0	17.49	17.64	17.52				
Channel				37775	38000	38225				
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	22.80	22.79	22.77	24	0		
5	QPSK	1	12	22.60	22.63	22.59				
5	QPSK	1	24	22.38	22.54	22.49				
5	QPSK	12	0	21.50	21.65	21.48	23	1		
5	QPSK	12	7	21.44	21.54	21.49				
5	QPSK	12	13	21.61	21.63	21.52				
5	QPSK	25	0	21.51	21.58	21.57	23	1		
5	16QAM	1	0	21.67	21.77	21.71				
5	16QAM	1	12	21.55	21.66	21.51				
5	16QAM	1	24	21.53	21.61	21.51	22	2		
5	16QAM	12	0	20.60	20.71	20.63				
5	16QAM	12	7	20.37	20.52	20.40				
5	16QAM	12	13	20.52	20.58	20.58	22	2		
5	16QAM	25	0	20.55	20.66	20.63				
5	84QAM	1	0	21.53	21.66	21.46				
5	84QAM	1	12	21.48	21.48	21.36	22	2		
5	84QAM	1	24	21.61	21.61	21.59				
5	84QAM	12	0	20.57	20.66	20.58				
5	84QAM	12	7	20.47	20.42	20.41	21	3		
5	84QAM	12	13	20.51	20.56	20.58				
5	84QAM	25	0	20.55	20.63	20.67				
5	256QAM	1	0	17.51	17.62	17.51	19	5		
5	256QAM	1	12	17.47	17.51	17.48				
5	256QAM	1	24	17.46	17.53	17.36				
5	256QAM	12	0	17.69	17.81	17.68	19	5		
5	256QAM	12	7	17.52	17.55	17.45				
5	256QAM	12	13	17.53	17.68	17.62				
5	256QAM	25	0	17.46	17.60	17.54				

Band 41 Ant1 Default												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	22.89	22.69	22.91	22.72	22.76	24	0		
20	QPSK	1	49	22.62	22.63	22.77	22.68	22.70				
20	QPSK	1	99	22.57	22.57	22.72	22.67	22.64				
20	QPSK	50	0	22.65	22.68	22.78	22.70	22.62	23	1		
20	QPSK	50	24	22.55	22.62	22.70	22.62	22.55				
20	QPSK	50	50	22.57	22.53	22.67	22.60	22.55				
20	QPSK	100	0	22.61	22.60	22.76	22.63	22.63	23	1		
20	16QAM	1	0	21.81	21.81	21.95	21.86	21.88				
20	16QAM	1	49	21.79	21.77	21.92	21.80	21.83				
20	16QAM	1	99	21.73	21.82	21.89	21.79	21.74	22	2		
20	16QAM	50	0	20.71	20.70	20.81	20.65	20.74				
20	16QAM	50	24	20.64	20.61	20.73	20.68	20.61				
20	16QAM	50	50	20.65	20.64	20.69	20.64	20.55	22	2		



### Band 42 FCC Part27Q Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.88	22.96	22.79	24	0
20	QPSK	1	49	22.85	22.74	22.65		
20	QPSK	1	99	22.71	22.83	22.80		
20	QPSK	50	0	21.85	21.96	21.85	23	1
20	QPSK	50	24	21.86	21.94	21.86		
20	QPSK	50	50	21.89	21.76	21.63		
20	QPSK	100	0	21.86	22.00	21.85	23	1
20	16QAM	1	0	21.83	22.02	21.90		
20	16QAM	1	49	21.77	21.93	21.82		
20	16QAM	1	99	21.96	22.03	21.93	22	2
20	16QAM	50	0	20.90	21.01	20.83		
20	16QAM	50	24	20.71	20.78	20.78		
20	16QAM	50	50	20.82	20.95	20.81	22	2
20	16QAM	100	0	20.89	21.02	20.89		
20	64QAM	1	0	20.59	20.70	20.69		
20	64QAM	1	49	20.70	20.77	20.69	22	2
20	64QAM	1	99	20.44	20.58	20.51		
20	64QAM	50	0	20.06	20.15	20.10		
20	64QAM	50	24	19.90	19.95	19.86	21	3
20	64QAM	50	50	19.85	19.92	19.77		
20	64QAM	100	0	19.87	19.97	19.84		
20	256QAM	1	0	17.90	18.01	17.95	19	5
20	256QAM	1	49	17.74	17.87	17.78		
20	256QAM	1	99	17.90	17.94	17.76		
20	256QAM	50	0	18.08	18.18	18.13	19	5
20	256QAM	50	24	18.05	18.14	18.03		
20	256QAM	50	50	17.83	18.07	17.92		
20	256QAM	100	0	17.98	18.02	17.92		
Channel				42165	42590	43015		
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.74	22.90	22.74	24	0
15	QPSK	1	37	22.59	22.63	22.52		
15	QPSK	1	74	22.57	22.73	22.69		
15	QPSK	36	0	21.74	21.92	21.78	23	1
15	QPSK	36	20	21.76	21.82	21.75		
15	QPSK	36	39	21.81	21.66	21.51		
15	QPSK	75	0	21.70	21.89	21.79	23	1
15	16QAM	1	0	21.72	21.96	21.82		
15	16QAM	1	37	21.69	21.82	21.66		
15	16QAM	1	74	21.85	21.91	21.81	22	2
15	16QAM	36	0	20.77	20.97	20.78		
15	16QAM	36	20	20.65	20.68	20.70		
15	16QAM	36	39	20.68	20.88	20.75	22	2
15	16QAM	75	0	20.81	20.92	20.78		
15	64QAM	1	0	20.48	20.59	20.62		
15	64QAM	1	37	20.63	20.63	20.63	22	2
15	64QAM	1	74	20.36	20.50	20.43		
15	64QAM	36	0	19.93	20.10	19.99		
15	64QAM	36	20	19.74	19.88	19.73	21	3
15	64QAM	36	39	19.76	19.87	19.66		
15	64QAM	75	0	19.81	19.93	19.70		
15	256QAM	1	0	17.77	17.88	17.86	19	5
15	256QAM	1	37	17.66	17.80	17.70		
15	256QAM	1	74	17.79	17.87	17.64		
15	256QAM	36	0	18.00	18.02	18.08	19	5
15	256QAM	36	20	17.90	18.09	17.95		
15	256QAM	36	39	17.76	18.01	17.85		
15	256QAM	75	0	17.84	17.89	17.85		
Channel				42140	42590	43040		
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.78	22.86	22.70	24	0
10	QPSK	1	25	22.61	22.67	22.56		
10	QPSK	1	49	22.67	22.71	22.75		
10	QPSK	25	0	21.77	21.82	21.75	23	1
10	QPSK	25	12	21.80	21.84	21.78		
10	QPSK	25	25	21.59	21.62	21.53		
10	QPSK	50	0	21.72	21.87	21.74	23	1
10	16QAM	1	0	21.68	21.90	21.85		
10	16QAM	1	25	21.69	21.87	21.69		
10	16QAM	1	49	21.92	21.96	21.79	22	2
10	16QAM	25	0	20.83	20.86	20.68		
10	16QAM	25	12	20.64	20.66	20.71		
10	16QAM	25	25	20.76	20.80	20.66	22	2
10	16QAM	50	0	20.75	20.91	20.83		
10	64QAM	1	0	20.50	20.55	20.60		
10	64QAM	1	25	20.60	20.72	20.55	22	2
10	64QAM	1	49	20.32	20.49	20.35		
10	64QAM	25	0	19.91	20.10	20.01		
10	64QAM	25	12	19.78	19.90	19.76	21	3
10	64QAM	25	25	19.71	19.87	19.63		
10	64QAM	50	0	19.76	19.91	19.76		
10	256QAM	1	0	17.76	17.92	17.91	19	5
10	256QAM	1	25	17.60	17.71	17.71		
10	256QAM	1	49	17.75	17.79	17.63		
10	256QAM	25	0	17.96	18.05	18.02	19	5
10	256QAM	25	12	17.95	18.00	17.88		
10	256QAM	25	25	17.77	17.96	17.79		
10	256QAM	50	0	17.91	17.87	17.86		
Channel				42115	42590	43065		
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.74	22.84	22.70	24	0
5	QPSK	1	12	22.51	22.69	22.55		
5	QPSK	1	24	22.56	22.69	22.66		
5	QPSK	12	0	21.77	21.89	21.78	23	1
5	QPSK	12	7	21.72	21.79	21.71		
5	QPSK	12	13	21.55	21.67	21.55		
5	QPSK	25	0	21.82	21.93	21.76	23	1
5	16QAM	1	0	21.72	21.97	21.83		
5	16QAM	1	12	21.64	21.77	21.66		
5	16QAM	1	24	21.85	21.88	21.82	22	2
5	16QAM	12	0	20.81	20.92	20.67		
5	16QAM	12	7	20.64	20.71	20.71		
5	16QAM	12	13	20.77	20.83	20.67	22	2
5	16QAM	25	0	20.75	20.86	20.84		
5	64QAM	1	0	20.47	20.59	20.64		
5	64QAM	1	12	20.57	20.72	20.54	22	2
5	64QAM	1	24	20.34	20.53	20.43		
5	64QAM	12	0	19.93	20.01	20.04		
5	64QAM	12	7	19.82	19.90	19.76	21	3
5	64QAM	12	13	19.79	19.82	19.64		
5	64QAM	25	0	19.81	19.89	19.76		
5	256QAM	1	0	17.79	17.89	17.82	19	5
5	256QAM	1	12	17.58	17.78	17.73		
5	256QAM	1	24	17.78	17.85	17.64		
5	256QAM	12	0	17.94	18.03	17.99	19	5
5	256QAM	12	7	17.91	17.98	17.92		
5	256QAM	12	13	17.74	18.01	17.86		
5	256QAM	25	0	17.88	17.92	17.81		









## Reduced Power Mode for DSI2

GSM850 AntiD DSI 2								
GSM850 TX Channel	Durst Average Power (dBm)			Turn-up Limit (dBm)	Frame-Average Power (dBm)			Turn-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6	
GSM 1 Tx slots	31.76	31.89	31.93	33.50	22.76	22.89	22.93	24.50
GPRS-1 Tx slots	31.74	31.86	31.91	33.50	22.74	22.86	22.91	24.50
GPRS-2 Tx slots	29.67	29.83	29.78	31.00	23.67	23.83	23.78	25.00
GPRS-3 Tx slots	27.83	27.89	27.82	29.00	23.57	23.83	23.56	24.74
GPRS-4 Tx slots	26.89	26.73	26.74	27.50	23.69	23.73	23.74	24.50
EDGE-1 Tx slots	26.20	26.17	26.15	27.00	17.20	17.17	17.15	18.00
EDGE-2 Tx slots	25.43	25.47	25.45	26.50	19.43	19.47	19.45	20.50
EDGE-3 Tx slots	22.73	22.76	22.74	24.00	18.47	18.50	18.46	19.74
EDGE-4 Tx slots	20.07	20.16	20.09	21.00	17.07	17.18	17.09	18.00

WCDMA V AntiD DSI 2					
Band	WCDMA V			Turn-up Limit (dBm)	
TX Channel	4132	4182	4233		
Re Channel	4357	4407	4458		
Frequency (MHz)	826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	22.58	22.61	22.55	24.00
3GPP Rel 99	RM-C 12.2Kbps	22.62	22.65	22.57	24.00
3GPP Rel 6	HSDPA Subtest-1	21.62	21.64	21.59	23.00
3GPP Rel 6	HSDPA Subtest-2	21.57	21.59	21.57	23.00
3GPP Rel 6	HSDPA Subtest-3	21.16	21.16	21.01	22.50
3GPP Rel 6	HSDPA Subtest-4	21.00	21.12	21.08	22.50
3GPP Rel 6	DCHSDPA Subtest-1	21.63	21.71	21.51	23.00
3GPP Rel 6	DCHSDPA Subtest-2	21.59	21.63	21.54	23.00
3GPP Rel 6	DCHSDPA Subtest-3	21.13	21.27	20.97	22.50
3GPP Rel 6	DCHSDPA Subtest-4	21.11	21.19	20.98	22.50
3GPP Rel 6	HSPA Subtest-1	21.56	21.67	21.56	23.00
3GPP Rel 6	HSPA Subtest-2	19.59	19.70	19.63	21.00
3GPP Rel 6	HSPA Subtest-3	20.53	20.60	20.54	22.00
3GPP Rel 6	HSPA Subtest-4	19.65	19.73	19.46	21.00
3GPP Rel 6	HSPA Subtest-5	21.59	21.69	21.62	23.00







GSM1900 Ant1 DSI 2

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1852.2	1880	1907.8	1852.2	1880	1907.8		
GSM 1 Tx slot	29.40	29.39	29.32	30.50	29.40	29.39	29.32	21.50
GPRS 1 Tx slot	29.39	29.36	29.30	30.50	29.39	29.36	29.30	21.50
GPRS 2 Tx slots	27.53	27.62	27.52	28.50	21.53	21.62	21.52	22.50
GPRS 3 Tx slots	24.83	24.86	24.80	26.00	20.87	20.60	20.54	21.74
GPRS 4 Tx slots	22.99	23.04	23.08	24.00	19.99	20.04	20.08	21.00
EDGE 1 Tx slot	24.54	24.61	24.61	25.50	15.54	15.61	15.61	16.50
EDGE 2 Tx slots	23.29	23.30	23.30	24.50	17.29	17.30	17.30	18.50
EDGE 3 Tx slots	21.24	21.16	21.09	22.00	16.98	16.92	16.83	17.74
EDGE 4 Tx slots	19.10	19.09	19.09	20.00	16.10	16.09	16.09	17.00

WCDMA II Ant1 DSI 2

WCDMA IV Ant1 DSI 2

Band TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
	5262	8400	8536		1312	1413	1513	
Rx Channel	8692	8900	9036	1837	1838	1736		
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.8		
3GPP Rel 99 AMR 12.2kops	22.50	22.64	22.53	24.00	22.51	22.55	22.46	24.00
3GPP Rel 99 RMC 12.2kops	22.51	22.66	22.59	24.00	22.59	22.60	22.51	24.00
3GPP Rel 6 HSDPA Subtest-1	21.63	21.75	21.52	23.00	21.56	21.54	21.65	23.00
3GPP Rel 6 HSDPA Subtest-2	21.63	21.63	21.52	23.00	21.70	21.70	21.59	23.00
3GPP Rel 6 HSDPA Subtest-3	21.29	21.24	21.01	22.50	21.11	21.24	20.94	22.50
3GPP Rel 6 HSDPA Subtest-4	20.83	21.05	20.98	22.50	20.95	21.14	21.10	22.50
3GPP Rel 6 DCHSDPA Subtest-1	21.66	21.65	21.50	23.00	21.67	21.63	21.50	23.00
3GPP Rel 6 DCHSDPA Subtest-2	21.69	21.61	21.50	23.00	21.50	21.59	21.62	23.00
3GPP Rel 6 DCHSDPA Subtest-3	21.07	21.36	21.00	22.50	21.24	21.20	21.11	22.50
3GPP Rel 6 DCHSDPA Subtest-4	21.10	21.15	21.04	22.50	21.11	21.21	20.89	22.50
3GPP Rel 6 HSUPA Subtest-1	21.48	21.69	21.69	23.00	21.48	21.64	21.48	23.00
3GPP Rel 6 HSUPA Subtest-2	19.56	19.74	19.70	21.00	19.50	19.66	19.54	21.00
3GPP Rel 6 HSUPA Subtest-3	20.44	20.62	20.46	22.00	20.59	20.63	20.52	22.00
3GPP Rel 6 HSUPA Subtest-4	19.56	19.64	19.49	21.00	19.61	19.71	19.49	21.00
3GPP Rel 6 HSUPA Subtest-5	21.55	21.72	21.64	23.00	21.66	21.53	21.59	23.00

















## Reduced Power Mode for DSI3

GSM850	GSM850 Ant0 DSI 3			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	Burst Average Power (dBm)				Frame-Average Power (dBm)			
	195	199	201		824.2	836.4	848.8	
TX Channel	824.2	836.4	848.8	33.50	22.76	22.89	22.93	24.50
Frequency (MHz)	824.2	836.4	848.8	33.50	22.74	22.86	22.81	24.50
GSM 1 Tx slot	31.76	31.89	31.93	33.50	22.76	22.89	22.93	24.50
GPRS 1 Tx slot	31.74	31.86	31.81	33.50	22.74	22.86	22.81	24.50
GPRS 2 Tx slots	29.87	29.83	29.78	31.00	23.87	23.83	23.78	25.00
GPRS 3 Tx slots	27.83	27.89	27.82	29.00	23.57	23.63	23.56	24.74
GPRS 4 Tx slots	26.69	26.73	26.74	27.50	23.69	23.73	23.74	24.50
EDGE 1 Tx slot	26.20	26.17	26.15	27.50	17.20	17.17	17.15	18.60
EDGE 2 Tx slots	25.43	25.47	25.45	26.50	19.43	19.47	19.45	20.50
EDGE 3 Tx slots	22.73	22.76	22.74	24.00	18.47	18.50	18.48	19.74
EDGE 4 Tx slots	20.07	20.16	20.09	21.00	17.07	17.18	17.09	18.00

Band	WCDMA V Ant0 DSI 3			Tune-up Limit (dBm)	
	WCDMA V				
	4132	4182	4233		
TX Channel	4357	4407	4456	24.00	
Rx Channel	4357	4407	4456	24.00	
Frequency (MHz)	836.4	838.4	848.6	24.00	
3GPP Rel 99	AMR 12.2kbps	22.58	22.61	22.55	24.00
3GPP Rel 99	RM 12.2kbps	22.62	22.65	22.57	24.00
3GPP Rel 6	HSDPA Subtest-1	21.62	21.64	21.58	23.00
3GPP Rel 6	HSDPA Subtest-2	21.57	21.59	21.57	23.00
3GPP Rel 6	HSDPA Subtest-3	21.18	21.18	21.01	22.50
3GPP Rel 6	HSDPA Subtest-4	21.00	21.12	21.08	22.50
3GPP Rel 6	DCHSDPA Subtest-1	21.63	21.71	21.51	23.00
3GPP Rel 6	DCHSDPA Subtest-2	21.59	21.63	21.54	23.00
3GPP Rel 8	DCHSDPA Subtest-3	21.13	21.27	20.97	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.11	21.19	20.98	22.50
3GPP Rel 6	HSUPA Subtest-1	21.56	21.67	21.56	23.00
3GPP Rel 6	HSUPA Subtest-2	19.59	19.70	19.63	21.00
3GPP Rel 6	HSUPA Subtest-3	20.53	20.60	20.54	22.00
3GPP Rel 6	HSUPA Subtest-4	19.65	19.73	19.46	21.00
3GPP Rel 6	HSUPA Subtest-5	21.59	21.59	21.62	23.00







GSM1900 Ant1 DSI 3

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1852.2	1880	1907.8	1852.2	1880	1907.8	1852.2	1880
GSM 1 Tx slot	29.40	29.39	29.32	30.50	29.40	29.39	29.32	21.50
GPRS 1 Tx slot	29.39	29.36	29.30	30.50	29.39	29.36	29.30	21.50
GPRS 2 Tx slots	27.53	27.62	27.52	28.50	21.53	21.62	21.52	22.50
GPRS 3 Tx slots	24.83	24.86	24.80	26.00	20.87	20.60	20.54	21.74
GPRS 4 Tx slots	22.99	23.04	23.08	24.00	19.99	20.04	20.08	21.00
EDGE 1 Tx slot	24.54	24.61	24.61	25.50	15.54	15.61	15.61	16.50
EDGE 2 Tx slots	23.29	23.30	23.30	24.50	17.29	17.30	17.30	18.50
EDGE 3 Tx slots	21.24	21.16	21.09	22.00	16.98	16.92	16.83	17.74
EDGE 4 Tx slots	19.10	19.06	19.09	20.00	16.10	16.09	16.09	17.00

WCDMA II Ant1 DSI 3

WCDMA IV Ant1 DSI 3

Band TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513	
Rx Channel	9692	9900	9938	1637	1638	1738	1637	1638
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1762.6	1712.4	1732.6
3GPP Rel 99 AMR 12.2kops	21.23	21.31	21.19	22.30	20.45	20.41	20.43	21.30
3GPP Rel 99 RMC 12.2kops	21.18	21.33	21.31	22.30	20.47	20.48	20.44	21.30
3GPP Rel 6 HSDPA Subtest-1	20.32	20.44	20.19	21.30	19.47	19.42	19.69	20.30
3GPP Rel 6 HSDPA Subtest-2	20.26	20.37	20.26	21.30	19.55	19.65	19.45	20.30
3GPP Rel 6 HSDPA Subtest-3	19.93	19.88	19.72	20.80	19.02	19.16	19.21	19.80
3GPP Rel 6 HSDPA Subtest-4	19.55	19.75	19.67	20.80	18.82	19.02	18.97	19.60
3GPP Rel 6 DCHSDPA Subtest-1	20.29	20.39	20.18	21.30	19.52	19.57	19.36	20.30
3GPP Rel 6 DCHSDPA Subtest-2	20.36	20.30	20.14	21.30	19.44	19.42	19.48	20.30
3GPP Rel 6 DCHSDPA Subtest-3	19.70	20.08	19.72	20.80	19.14	19.08	19.04	19.80
3GPP Rel 6 DCHSDPA Subtest-4	19.83	19.86	19.75	20.80	18.96	19.07	18.81	19.60
3GPP Rel 6 HSUPA Subtest-1	20.20	20.29	20.37	21.30	19.37	19.53	19.42	20.30
3GPP Rel 6 HSUPA Subtest-2	18.28	18.47	18.39	19.30	17.35	17.55	17.41	18.30
3GPP Rel 6 HSUPA Subtest-3	19.07	18.24	19.13	20.30	18.47	18.48	18.41	19.30
3GPP Rel 6 HSUPA Subtest-4	18.19	18.35	18.18	19.30	17.55	17.54	17.41	18.30
3GPP Rel 6 HSUPA Subtest-5	20.20	20.40	20.38	21.30	19.55	19.36	19.50	20.30

















## Reduced Power Mode for DS16

GSM850 And DS16								
GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	303.2	336.4	343.8	29.2	33.4	44.4		
GSM 1 Tx slot	31.76	31.89	31.93	33.50	22.76	22.89	22.93	24.50
GPRS 1 Tx slot	31.74	31.86	31.81	33.50	22.74	22.86	22.81	24.50
GPRS 2 Tx slots	29.67	29.83	29.78	31.00	23.67	23.83	23.78	25.00
GPRS 3 Tx slots	27.83	27.89	27.82	29.00	23.57	23.63	23.56	24.74
GPRS 4 Tx slots	26.69	26.73	26.74	27.50	23.69	23.73	23.74	24.50
EDGE 1 Tx slot	26.20	26.17	26.15	27.00	17.20	17.17	17.15	18.00
EDGE 2 Tx slots	25.43	25.47	25.45	26.50	19.43	19.47	19.45	20.50
EDGE 3 Tx slots	22.73	22.75	22.74	24.00	18.47	18.50	18.48	19.74
EDGE 4 Tx slots	20.07	20.18	20.09	21.00	17.07	17.18	17.09	18.00

WCDMA V And DS16					
Band	WCDMA V			Tune-up Limit (dBm)	
	4132	4182	4233		
TX Channel	4357	4467	4458		
Rx Channel					
Frequency (MHz)	836.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	22.59	22.61	22.59	24.00
3GPP Rel 99	RMC 12.2Kbps	22.82	22.65	22.57	24.00
3GPP Rel 6	HSDPA Subtest-1	21.62	21.64	21.58	23.00
3GPP Rel 6	HSDPA Subtest-2	21.57	21.59	21.57	23.00
3GPP Rel 6	HSDPA Subtest-3	21.16	21.18	21.01	22.50
3GPP Rel 6	HSDPA Subtest-4	21.00	21.12	21.08	22.50
3GPP Rel 6	DC-HSDPA Subtest-1	21.63	21.71	21.51	23.00
3GPP Rel 6	DC-HSDPA Subtest-2	21.59	21.63	21.54	23.00
3GPP Rel 6	DC-HSDPA Subtest-3	21.13	21.27	20.97	22.50
3GPP Rel 6	DC-HSDPA Subtest-4	21.11	21.19	20.98	22.50
3GPP Rel 6	HSUPA Subtest-1	21.56	21.67	21.56	23.00
3GPP Rel 6	HSUPA Subtest-2	19.59	19.70	19.63	21.00
3GPP Rel 6	HSUPA Subtest-3	20.53	20.60	20.54	22.00
3GPP Rel 6	HSUPA Subtest-4	19.65	19.73	19.46	21.00
3GPP Rel 6	HSUPA Subtest-5	21.59	21.59	21.62	23.00









GSM1900 Ant1 DSI 6

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1822.2	1850	1877.8	1822.2	1850	1877.8		
GSM 1 Tx slot	29.40	29.39	29.32	30.50	29.40	29.39	29.32	
GPRS 1 Tx slot	29.39	29.36	29.30	30.50	29.39	29.36	29.30	
GPRS 2 Tx slots	27.53	27.62	27.52	28.50	21.53	21.62	21.52	
GPRS 3 Tx slots	24.83	24.86	24.80	26.00	20.87	20.86	20.84	
GPRS 4 Tx slots	22.99	23.04	23.08	24.00	19.99	20.04	20.08	
EDGE 1 Tx slot	24.54	24.61	24.61	25.50	15.54	15.61	15.61	
EDGE 2 Tx slots	23.29	23.30	23.30	24.50	17.29	17.30	17.30	
EDGE 3 Tx slots	21.24	21.16	21.09	22.00	16.98	16.92	16.83	
EDGE 4 Tx slots	19.10	19.06	19.09	20.00	16.10	16.09	16.09	

WCDMA II Ant1 DSI 6

WCDMA IV Ant1 DSI 6

Band TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513	
Rx Channel	9692	9900	9938	1537	1638	1738		
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.8		
3GPP Rel 99 AMR 12.2kops	22.02	22.16	22.05	23.60	22.08	22.12	22.05	
3GPP Rel 99 RMC 12.2kops	22.03	22.16	22.11	23.60	22.16	22.17	22.08	
3GPP Rel 6 HSDPA Subtest-1	21.15	21.27	21.04	22.60	21.13	21.11	21.22	
3GPP Rel 6 HSDPA Subtest-2	21.15	21.15	21.04	22.60	21.27	21.27	21.16	
3GPP Rel 6 HSDPA Subtest-3	20.81	20.78	20.53	22.10	20.68	20.81	20.51	
3GPP Rel 6 HSDPA Subtest-4	20.55	20.57	20.50	22.10	20.52	20.71	20.67	
3GPP Rel 6 DCHSDPA Subtest-1	21.18	21.17	21.02	22.60	21.04	21.50	21.07	
3GPP Rel 6 DCHSDPA Subtest-2	21.21	21.13	21.02	22.60	21.07	21.16	21.19	
3GPP Rel 6 DCHSDPA Subtest-3	20.59	20.88	20.52	22.10	20.81	20.77	20.68	
3GPP Rel 6 DCHSDPA Subtest-4	20.62	20.67	20.56	22.10	20.68	20.78	20.56	
3GPP Rel 6 HSUPA Subtest-1	21.00	21.18	21.21	22.60	21.05	21.21	21.05	
3GPP Rel 6 HSUPA Subtest-2	19.08	19.26	19.22	20.60	19.07	19.23	19.11	
3GPP Rel 6 HSUPA Subtest-3	20.11	20.14	20.13	21.60	20.16	20.20	20.09	
3GPP Rel 6 HSUPA Subtest-4	19.08	19.16	19.01	20.60	19.16	19.26	19.06	
3GPP Rel 6 HSUPA Subtest-5	21.07	21.24	21.16	22.60	21.23	21.10	21.15	

















## Reduced Power Mode for DSI7

GSM850	GSM850 And DSI7			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	Burst Average Power (dBm)	128	189		251	128	189	
TX Channel	128	189	251					
Frequency (MHz)	812.2	818.4	848.6					
GSM 1 Tx slot	31.76	31.89	31.93	33.50	22.76	22.89	22.93	24.50
GPRS 1 Tx slot	31.74	31.86	31.81	33.50	22.74	22.86	22.81	24.50
GPRS 2 Tx slots	29.67	29.83	29.78	31.00	23.67	23.83	23.78	25.00
GPRS 3 Tx slots	27.83	27.89	27.82	29.00	23.57	23.63	23.56	24.74
GPRS 4 Tx slots	26.69	26.73	26.74	27.50	23.69	23.73	23.74	24.50
EDGE 1 Tx slot	26.20	26.17	26.15	27.00	17.20	17.17	17.15	18.00
EDGE 2 Tx slots	25.43	25.47	25.45	26.50	19.43	19.47	19.45	20.50
EDGE 3 Tx slots	22.73	22.76	22.74	24.00	18.47	18.50	18.48	18.74
EDGE 4 Tx slots	20.07	20.18	20.09	21.00	17.07	17.18	17.09	18.00

Band	WCDMA V And DSI 7			Tune-up Limit (dBm)
	WCDMA V	4132	4192	
TX Channel	4132	4192	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	838.4	838.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	22.58	22.61	22.55	24.00
3GPP Rel 99 RMC 12.2Kbps	22.82	22.85	22.87	24.00
3GPP Rel 6 HSDPA Subtest-1	21.62	21.64	21.58	23.00
3GPP Rel 6 HSDPA Subtest-2	21.57	21.59	21.57	23.00
3GPP Rel 6 HSDPA Subtest-3	21.16	21.18	21.01	22.50
3GPP Rel 6 HSDPA Subtest-4	21.00	21.12	21.08	22.50
3GPP Rel 8 DC-HSDPA Subtest-1	21.83	21.71	21.51	23.00
3GPP Rel 8 DC-HSDPA Subtest-2	21.59	21.63	21.54	23.00
3GPP Rel 8 DC-HSDPA Subtest-3	21.13	21.27	20.97	22.50
3GPP Rel 8 DC-HSDPA Subtest-4	21.11	21.19	20.98	22.50
3GPP Rel 6 HSUPA Subtest-1	21.56	21.67	21.56	23.00
3GPP Rel 6 HSUPA Subtest-2	19.99	19.70	19.63	21.00
3GPP Rel 6 HSUPA Subtest-3	20.53	20.60	20.54	22.00
3GPP Rel 6 HSUPA Subtest-4	19.65	19.73	19.46	21.00
3GPP Rel 6 HSUPA Subtest-5	21.59	21.59	21.62	23.00







GSM1900 Ant1 DSI 7

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1822.2	1850	1877.8	1822.2	1850	1877.8	1822.2	1850
GSM 1 Tx slot	29.40	29.39	29.32	30.50	20.40	20.39	20.32	21.50
GPRS 1 Tx slot	29.39	29.36	29.30	30.50	20.39	20.36	20.30	21.50
GPRS 2 Tx slots	27.53	27.62	27.52	28.50	21.53	21.62	21.52	22.50
GPRS 3 Tx slots	24.93	24.96	24.90	26.00	20.67	20.69	20.64	21.74
GPRS 4 Tx slots	22.99	23.04	23.08	24.00	19.99	20.04	20.08	21.00
EDGE 1 Tx slot	24.54	24.61	24.61	25.50	15.54	15.61	15.61	16.50
EDGE 2 Tx slots	23.29	23.30	23.30	24.50	17.29	17.30	17.30	18.50
EDGE 3 Tx slots	21.24	21.16	21.09	22.00	16.98	16.92	16.83	17.74
EDGE 4 Tx slots	19.10	19.06	19.09	20.00	16.10	16.09	16.09	17.00

WCDMA II Ant1 DSI 7

WCDMA IV Ant1 DSI 7

Band TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513	
Rx Channel	9692	9900	9938	1537	1638	1738	1838	1938
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.8	1772.8	1792.8
3GPP Rel 99 AMR 12.2kcp/s	19.37	19.51	19.40	21.20	19.10	19.14	19.07	20.40
3GPP Rel 99 RMC 12.2kcp/s	19.38	19.53	19.48	21.20	19.18	19.19	19.10	20.40
3GPP Rel 6 HSDPA Subtest-1	18.50	18.62	18.39	20.20	18.15	18.13	18.24	19.40
3GPP Rel 6 HSDPA Subtest-2	18.50	18.50	18.39	20.20	18.29	18.29	18.18	19.40
3GPP Rel 6 HSDPA Subtest-3	18.16	18.11	17.88	19.70	17.70	17.83	17.53	18.50
3GPP Rel 6 HSDPA Subtest-4	17.80	17.92	17.85	19.70	17.54	17.73	17.69	18.50
3GPP Rel 6 DCHSDPA Subtest-1	18.53	18.52	18.37	20.20	18.26	18.22	18.09	19.40
3GPP Rel 6 DCHSDPA Subtest-2	18.56	18.48	18.37	20.20	18.09	18.18	18.21	19.40
3GPP Rel 6 DCHSDPA Subtest-3	17.94	18.23	17.87	19.70	17.83	17.79	17.70	18.50
3GPP Rel 6 DCHSDPA Subtest-4	17.97	18.02	17.91	19.70	17.70	17.80	17.48	18.50
3GPP Rel 6 HSUPA Subtest-1	18.35	18.53	18.56	20.20	18.07	18.23	18.07	19.40
3GPP Rel 6 HSUPA Subtest-2	18.43	18.61	18.57	18.20	16.09	16.25	16.13	17.40
3GPP Rel 6 HSUPA Subtest-3	17.31	17.49	17.33	19.20	17.18	17.22	17.11	18.40
3GPP Rel 6 HSUPA Subtest-4	16.43	16.51	16.38	18.20	16.20	16.30	16.08	17.40
3GPP Rel 6 HSUPA Subtest-5	18.42	18.59	18.51	20.20	18.25	18.12	18.17	19.40

















Full&Default Power Mode

n5 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				168800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	Pi/2 BPSK	1	1	22.91	23.00	22.92			
20	Pi/2 BPSK	1	53	22.81	22.92	22.83	24.0	0.0	
20	Pi/2 BPSK	1	104	22.63	22.75	22.60			
20	Pi/2 BPSK	50	0	22.53	22.61	22.56	23.5	0.5	
20	Pi/2 BPSK	50	28	22.85	22.95	22.91	24.0	0.0	
20	Pi/2 BPSK	50	56	22.30	22.42	22.33			
20	Pi/2 BPSK	100	0	22.42	22.56	22.51	23.5	0.5	
20	QPSK	1	1	23.13	23.17	23.09			
20	QPSK	1	53	22.90	22.98	22.83	24.0	0.0	
20	QPSK	1	104	22.73	22.82	22.66			
20	QPSK	50	0	22.05	22.11	22.05	23.0	1.0	
20	QPSK	50	28	22.84	22.94	22.88	24.0	0.0	
20	QPSK	50	56	21.78	21.89	21.84			
20	QPSK	100	0	21.94	22.00	21.94	23.0	1.0	
20	16QAM	1	1	21.94	22.10	22.03	23.0	1.0	
20	64QAM	1	1	21.06	21.18	21.12	21.5	2.5	
20	256QAM	1	1	18.92	18.98	18.87	19.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0	
15	QPSK	1	1	23.00	23.10	23.04	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.0	0.0	
10	QPSK	1	1	23.08	23.07	23.00	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0	
5	QPSK	1	1	23.02	23.02	23.03	24.0	0.0	

n26 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	Pi/2 BPSK	1	1	22.90	23.00	22.91			
20	Pi/2 BPSK	1	53	22.80	22.92	22.80	24.0	0.0	
20	Pi/2 BPSK	1	104	22.74	22.84	22.79			
20	Pi/2 BPSK	50	0	22.49	22.65	22.57	23.5	0.5	
20	Pi/2 BPSK	50	28	22.86	22.94	22.79	24.0	0.0	
20	Pi/2 BPSK	50	56	22.37	22.49	22.35			
20	Pi/2 BPSK	100	0	22.47	22.60	22.52	23.5	0.5	
20	QPSK	1	1	22.96	23.03	22.92			
20	QPSK	1	53	22.86	22.95	22.85	24.0	0.0	
20	QPSK	1	104	22.78	22.89	22.85			
20	QPSK	50	0	22.00	22.10	21.96	23.0	1.0	
20	QPSK	50	28	22.85	22.98	22.90	24.0	0.0	
20	QPSK	50	56	21.86	21.97	21.86			
20	QPSK	100	0	21.93	22.07	21.92	23.0	1.0	
20	16QAM	1	1	22.17	22.23	22.19	23.0	1.0	
20	64QAM	1	1	20.50	20.60	20.45	21.5	2.5	
20	256QAM	1	1	18.50	18.57	18.52	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0	
15	QPSK	1	1	22.86	22.94	22.79	24.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.0	0.0	
10	QPSK	1	1	22.89	22.95	22.84	24.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0	
5	QPSK	1	1	22.84	22.97	22.81	24.0	0.0	



### n2 Ant1 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	22.56	22.71	22.86		
20	PI2 BPSK	1	53	22.61	22.72	22.86	24.0	0.0
20	PI2 BPSK	1	104	22.54	22.65	22.83		
20	PI2 BPSK	50	0	22.27	22.32	22.25	23.5	0.5
20	PI2 BPSK	50	28	22.69	22.77	22.70	24.0	0.0
20	PI2 BPSK	50	58	22.30	22.36	22.30	23.5	0.5
20	PI2 BPSK	100	0	22.25	22.35	22.29		
20	QPSK	1	1	22.74	22.79	22.87		
20	QPSK	1	53	22.82	22.72	22.61	24.0	0.0
20	QPSK	1	104	22.68	22.74	22.63		
20	QPSK	50	0	21.76	21.87	21.82	23.0	1.0
20	QPSK	50	28	22.88	22.74	22.67	24.0	0.0
20	QPSK	50	58	21.80	21.85	21.70	23.0	1.0
20	QPSK	100	0	21.79	21.85	21.76		
20	16QAM	1	1	21.90	22.03	21.98	23.0	1.0
20	16QAM	1	1	20.20	20.35	20.30	21.5	2.5
20	256QAM	1	1	18.20	18.30	18.25	19.5	4.5
Channel								
Frequency (MHz)								
15	QPSK	1	1	37.550	37.600	38.000		
Channel								
Frequency (MHz)								
10	QPSK	1	1	185.5	186.0	190.5		
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.60	22.68	22.61	24.0	0.0

### n7 Ant1 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI2 BPSK	1	1	22.52	22.62	22.55		
40	PI2 BPSK	1	108	22.55	22.63	22.57	24.0	0.0
40	PI2 BPSK	1	214	22.55	22.59	22.54		
40	PI2 BPSK	108	0	22.08	22.14	22.01	23.5	0.5
40	PI2 BPSK	108	54	22.37	22.42	22.31	24.0	0.0
40	PI2 BPSK	108	108	22.08	22.15	22.08	23.5	0.5
40	PI2 BPSK	216	0	22.06	22.12	21.98		
40	QPSK	1	1	22.85	22.76	22.62		
40	QPSK	1	108	22.47	22.56	22.49	24.0	0.0
40	QPSK	1	214	22.40	22.50	22.46		
40	QPSK	108	0	21.52	21.63	21.52	23.0	1.0
40	QPSK	108	54	22.44	22.53	22.49	24.0	0.0
40	QPSK	108	108	21.59	21.66	21.56	23.0	1.0
40	QPSK	216	0	21.59	21.64	21.59		
40	16QAM	1	1	21.85	21.97	21.88	23.0	1.0
40	16QAM	1	1	20.16	20.30	20.19	21.5	2.5
40	256QAM	1	1	18.17	18.25	18.13	19.5	4.5
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.53	22.64	22.54	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	50.700	50.700	51.100		
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.57	22.60	22.49	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.59	22.64	22.57	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.59	22.69	22.49	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.55	22.59	22.52	24.0	0.0

### n66 Ant1 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI2 BPSK	1	1	17.90	17.95	17.90		
40	PI2 BPSK	1	1	22.80	22.91	22.84		
40	PI2 BPSK	1	108	22.73	22.85	22.80	24.0	0.0
40	PI2 BPSK	1	214	22.79	22.84	22.75		
40	PI2 BPSK	108	0	22.38	22.53	22.46	23.5	0.5
40	PI2 BPSK	108	54	22.75	22.86	22.80	24.0	0.0
40	PI2 BPSK	108	108	22.47	22.57	22.43	23.5	0.5
40	PI2 BPSK	216	0	22.41	22.56	22.50		
40	QPSK	1	1	22.80	22.94	22.87		
40	QPSK	1	108	22.78	22.93	22.89	24.0	0.0
40	QPSK	1	214	22.71	22.78	22.65		
40	QPSK	108	0	21.92	22.07	22.03	23.0	1.0
40	QPSK	108	54	22.84	22.93	22.89	24.0	0.0
40	QPSK	108	108	21.97	22.06	22.02	23.0	1.0
40	QPSK	216	0	21.97	22.04	21.88		
40	16QAM	1	1	21.97	22.13	22.07	23.0	1.0
40	16QAM	1	1	20.48	20.56	20.47	21.5	2.5
40	256QAM	1	1	18.42	18.50	18.41	19.5	4.5
Channel								
Frequency (MHz)								
30	QPSK	1	1	34.900	34.900	35.300		
Channel								
Frequency (MHz)								
20	QPSK	1	1	17.20	17.45	17.70		
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.77	22.83	22.70	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.84	22.82	22.75	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.78	22.79	22.80	24.0	0.0



n38 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	23.13	23.19	23.11	24.0	0.0	
40	PI/2 BPSK	1	53	23.04	23.10	22.96			
40	PI/2 BPSK	1	104	23.06	23.13	23.06			
40	PI/2 BPSK	50	0	22.75	22.82	22.69	23.5	0.5	
40	PI/2 BPSK	50	28	22.98	23.12	23.07	24.0	0.0	
40	PI/2 BPSK	50	56	22.63	22.73	22.65			
40	PI/2 BPSK	100	0	22.57	22.70	22.62	23.5	0.5	
40	QPSK	1	1	23.22	23.28	23.16			
40	QPSK	1	53	23.02	23.16	23.07	24.0	0.0	
40	QPSK	1	104	23.04	23.11	22.96			
40	QPSK	50	0	22.13	22.26	22.16	23.0	1.0	
40	QPSK	50	28	22.98	23.10	23.04	24.0	0.0	
40	QPSK	50	56	22.10	22.25	22.11	23.0	1.0	
40	QPSK	100	0	22.17	22.23	22.13	23.0	1.0	
40	16QAM	1	1	22.30	22.43	22.34	23.0	1.0	
40	64QAM	1	1	20.71	20.81	20.75	21.5	2.5	
40	256QAM	1	1	18.61	18.70	18.66	19.5	4.5	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	23.17	23.20	23.03	24.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	23.08	23.21	23.10	24.0	0.0	

n41 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.58	22.72	22.64			
100	PI/2 BPSK	1	137	22.45	22.54	22.43			
100	PI/2 BPSK	1	271	22.62	22.73	22.63			
100	PI/2 BPSK	135	0	22.15	22.28	22.14	23.5	0.5	
100	PI/2 BPSK	135	69	22.60	22.72	22.65	24.0	0.0	
100	PI/2 BPSK	135	138	22.26	22.34	22.23			
100	PI/2 BPSK	270	0	22.27	22.35	22.24			
100	QPSK	1	1	22.90	23.04	22.94			
100	QPSK	1	137	22.67	22.72	22.67			
100	QPSK	1	271	22.67	22.81	22.73			
100	QPSK	135	0	21.71	21.79	21.67	23.0	1.0	
100	QPSK	135	69	22.65	22.69	22.64	24.0	0.0	
100	QPSK	135	138	21.75	21.86	21.80			
100	QPSK	270	0	21.77	21.87	21.80	23.0	1.0	
100	16QAM	1	1	21.68	21.79	21.80	23.0	1.0	
100	64QAM	1	1	20.26	20.41	20.35	21.5	2.5	
100	256QAM	1	1	18.28	18.36	18.25	19.5	4.5	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	22.80	22.92	22.79	24.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	22.77	22.94	22.82	24.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	22.81	22.93	22.85	24.0	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.79	22.95	22.84	24.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	22.81	22.92	22.78	24.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.75	22.94	22.83	24.0	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	22.81	22.94	22.82	24.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	22.83	22.95	22.80	24.0	0.0	



### n2 Ant4 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37000	37600	38000		
Frequency (MHz)				1860	1860	1900		
20	PI2 BPSK	1	1	21.48	21.63	21.52		
20	PI2 BPSK	1	53	21.42	21.56	21.40	23.0	0.0
20	PI2 BPSK	1	104	21.46	21.54	21.44		
20	PI2 BPSK	50	0	21.07	21.19	21.08	22.5	0.5
20	PI2 BPSK	50	28	21.47	21.58	21.50	23.0	0.0
20	PI2 BPSK	50	58	21.02	21.14	21.06	22.5	0.5
20	PI2 BPSK	100	0	21.09	21.16	21.09		
20	QPSK	1	1	21.86	21.96	21.80	23.0	0.0
20	QPSK	1	53	21.89	21.78	21.73		
20	QPSK	1	104	21.66	21.70	21.63		
20	QPSK	50	0	20.58	20.64	20.58	22.0	1.0
20	QPSK	50	28	21.51	21.84	21.50	23.0	0.0
20	QPSK	50	58	20.59	20.64	20.54	22.0	1.0
20	QPSK	100	0	20.80	20.65	20.61		
20	16QAM	1	1	20.63	20.71	20.64	22.0	1.0
20	16QAM	1	1	19.38	19.47	19.41	20.5	2.5
20	256QAM	1	1	17.36	17.48	17.41	18.5	4.5
Channel				37150	37600	38000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1860	1902.5		
15	QPSK	1	1	21.75	21.87	21.72	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1860	1905		
10	QPSK	1	1	21.72	21.87	21.71	23.0	0.0
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1860	1907.5		
5	QPSK	1	1	21.76	21.83	21.66	23.0	0.0

### n5 Ant4 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	22.57	22.88	22.59		
20	PI2 BPSK	1	53	22.40	22.49	22.35	23.0	0.0
20	PI2 BPSK	1	104	22.20	22.31	22.28		
20	PI2 BPSK	50	0	22.18	22.23	22.13	22.5	0.5
20	PI2 BPSK	50	28	22.35	22.49	22.39	23.0	0.0
20	PI2 BPSK	50	58	21.95	22.04	21.95	22.5	0.5
20	PI2 BPSK	100	0	21.77	21.93	21.79		
20	QPSK	1	1	22.72	22.77	22.65	23.0	0.0
20	QPSK	1	53	22.40	22.47	22.40		
20	QPSK	1	104	22.25	22.29	22.21		
20	QPSK	50	0	21.55	21.69	21.61	22.0	1.0
20	QPSK	50	28	22.43	22.51	22.41	23.0	0.0
20	QPSK	50	58	21.32	21.46	21.38	22.0	1.0
20	QPSK	100	0	21.51	21.61	21.57		
20	16QAM	1	1	21.77	21.92	21.83	22.0	1.0
20	16QAM	1	1	19.93	20.03	19.91	20.5	2.5
20	256QAM	1	1	18.32	18.47	18.36	18.5	4.5
Channel				165300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.80	22.71	22.52	23.0	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.56	22.62	22.50	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.84	22.66	22.57	23.0	0.0

### n7 Ant4 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504500	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	22.52	22.67	22.48		
40	PI2 BPSK	1	108	22.64	22.74	22.58	24.0	0.0
40	PI2 BPSK	1	214	22.69	22.77	22.69		
40	PI2 BPSK	108	0	22.17	22.28	22.11	23.5	0.5
40	PI2 BPSK	108	54	22.55	22.64	22.57	24.0	0.0
40	PI2 BPSK	108	108	22.31	22.41	22.30	23.5	0.5
40	PI2 BPSK	216	0	22.27	22.38	22.24		
40	QPSK	1	1	22.81	22.82	22.59		
40	QPSK	1	108	22.81	22.80	22.82	24.0	0.0
40	QPSK	1	214	22.65	22.70	22.82		
40	QPSK	108	0	21.70	21.80	21.78	23.0	1.0
40	QPSK	108	54	22.69	22.78	22.59	24.0	0.0
40	QPSK	108	108	21.86	21.92	21.78	23.0	1.0
40	QPSK	216	0	21.75	21.80	21.79		
40	16QAM	1	1	21.82	21.98	21.81	23.0	1.0
40	16QAM	1	1	20.25	20.30	20.25	21.5	2.5
40	256QAM	1	1	18.29	18.33	18.30	18.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.53	22.69	22.50	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2537.5		
25	QPSK	1	1	22.59	22.74	22.51	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.50	22.65	22.55	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.48	22.80	22.42	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.47	22.76	22.51	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.54	22.73	22.54	24.0	0.0



n26 Ant4 Default							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.62	22.68	22.57	
20	PI/2 BPSK	1	83	22.54	22.58	22.42	24.0
20	PI/2 BPSK	1	104	22.32	22.45	22.29	
20	PI/2 BPSK	50	0	22.24	22.34	22.23	23.5
20	PI/2 BPSK	50	28	22.54	22.60	22.49	24.0
20	PI/2 BPSK	50	56	22.00	22.08	21.94	23.5
20	PI/2 BPSK	100	0	22.16	22.28	22.15	
20	QPSK	1	1	22.67	22.81	22.74	
20	QPSK	1	63	22.50	22.81	22.47	24.0
20	QPSK	1	104	22.39	22.49	22.37	
20	QPSK	50	0	21.71	21.81	21.75	23.0
20	QPSK	50	28	22.43	22.58	22.44	24.0
20	QPSK	50	56	21.42	21.58	21.42	23.0
20	QPSK	100	0	21.60	21.73	21.63	
20	16QAM	1	1	21.79	21.93	21.83	23.0
20	16QAM	1	1	20.31	20.42	20.31	21.5
20	256QAM	1	1	18.38	18.48	18.38	19.5
Channel				164300	165300	166300	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	1	22.59	22.71	22.68	24.0
Channel				163900	166300	168800	
Frequency (MHz)				810	831.5	844	
10	QPSK	1	1	22.63	22.76	22.59	24.0
Channel				163300	166300	169300	
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	1	22.56	22.70	22.65	24.0

n66 Ant4 Default							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				345000	349000	353000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.71	21.79	21.67	
40	PI/2 BPSK	1	108	21.73	21.83	21.77	23.0
40	PI/2 BPSK	1	214	21.71	21.87	21.76	
40	PI/2 BPSK	108	0	21.37	21.42	21.32	22.5
40	PI/2 BPSK	108	54	21.70	21.85	21.75	23.0
40	PI/2 BPSK	108	108	21.42	21.59	21.44	22.5
40	PI/2 BPSK	216	0	21.39	21.48	21.35	
40	QPSK	1	1	21.91	21.99	21.84	
40	QPSK	1	108	21.76	21.85	21.75	23.0
40	QPSK	1	214	21.88	21.96	21.82	
40	QPSK	108	0	20.88	21.00	20.85	22.0
40	QPSK	108	54	21.74	21.87	21.75	23.0
40	QPSK	108	108	21.04	21.10	20.98	22.0
40	QPSK	216	0	20.94	20.99	20.93	
40	16QAM	1	1	21.03	21.09	20.98	22.0
40	16QAM	1	1	19.41	19.57	19.51	20.5
40	256QAM	1	1	17.43	17.56	17.41	18.5
Channel				343500	349000	353500	
Frequency (MHz)				1725	1745	1765	
30	QPSK	1	1	21.80	21.83	21.80	23.0
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	21.85	21.94	21.69	23.0
Channel				343500	349000	354500	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	21.81	21.91	21.71	23.0
Channel				343000	349000	355000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	21.80	21.84	21.77	23.0
Channel				342500	349000	355500	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	21.85	21.90	21.70	23.0



### Part27Q n78 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	22.80				
100	PI/2 BPSK	1	137	23.19			24.0	0.0
100	PI/2 BPSK	1	271	22.98				
100	PI/2 BPSK	135	0	22.66			23.5	0.5
100	PI/2 BPSK	135	69	23.06			24.0	0.0
100	PI/2 BPSK	135	138	22.87			23.5	0.5
100	PI/2 BPSK	270	0	22.73				
100	QPSK	1	1	23.33				
100	QPSK	1	137	23.06			24.0	0.0
100	QPSK	1	271	23.28				
100	QPSK	135	0	22.11			23.0	1.0
100	QPSK	135	69	23.08			24.0	0.0
100	QPSK	135	138	22.26			23.0	1.0
100	QPSK	270	0	22.13				
100	16QAM	1	1	21.92			23.0	1.0
100	64QAM	1	1	20.17			21.5	2.5
100	256QAM	1	1	18.66			19.5	4.5
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	23.23	23.18	23.25	24.0	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.17	23.20	23.19	24.0	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	23.26	23.22	23.23	24.0	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	23.29	23.21	23.19	24.0	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.17	23.21	23.26	24.0	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	23.23	23.18	23.25	24.0	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	23.26	23.19	23.19	24.0	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.20	23.25	23.28	24.0	0.0





### Part27Q n78 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	20.58				
100	PI/2 BPSK	1	137	20.80			22.0	0.0
100	PI/2 BPSK	1	271	20.89				
100	PI/2 BPSK	135	0	20.36			21.5	0.5
100	PI/2 BPSK	135	69	20.76			22.0	0.0
100	PI/2 BPSK	135	138	20.42			21.5	0.5
100	PI/2 BPSK	270	0	20.37				
100	QPSK	1	1	20.93				
100	QPSK	1	137	20.78			22.0	0.0
100	QPSK	1	271	20.89				
100	QPSK	135	0	19.81			21.0	1.0
100	QPSK	135	69	20.74			22.0	0.0
100	QPSK	135	138	20.01			21.0	1.0
100	QPSK	270	0	19.90				
100	16QAM	1	1	19.71			21.0	1.0
100	64QAM	1	1	17.99			19.5	2.5
100	256QAM	1	1	16.46			17.5	4.5
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
90	QPSK	1	1	20.86	20.86	20.78	22.0	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
80	QPSK	1	1	20.80	20.82	20.78	22.0	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
70	QPSK	1	1	20.84	20.82	20.82	22.0	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
60	QPSK	1	1	20.78	20.88	20.87	22.0	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
50	QPSK	1	1	20.83	20.82	20.81	22.0	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
40	QPSK	1	1	20.85	20.88	20.84	22.0	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
30	QPSK	1	1	20.84	20.81	20.83	22.0	0.0
Channel				630332	633332	636332		
Frequency (MHz)				3455	3499.98	3545		
20	QPSK	1	1	20.83	20.86	20.87	22.0	0.0



### Part27Q n78 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	20.78				
100	PI/2 BPSK	1	137	20.88			22.0	0.0
100	PI/2 BPSK	1	271	20.86				
100	PI/2 BPSK	135	0	20.46			21.5	0.5
100	PI/2 BPSK	135	69	20.84			22.0	0.0
100	PI/2 BPSK	135	138	20.44			21.5	0.5
100	PI/2 BPSK	270	0	20.45				
100	QPSK	1	1	20.96				
100	QPSK	1	137	20.90			22.0	0.0
100	QPSK	1	271	20.86				
100	QPSK	135	0	19.91			21.0	1.0
100	QPSK	135	69	20.80			22.0	0.0
100	QPSK	135	138	20.03			21.0	1.0
100	QPSK	270	0	19.95				
100	16QAM	1	1	19.89			21.0	1.0
100	64QAM	1	1	18.19			19.5	2.5
100	256QAM	1	1	16.65			17.5	4.5
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	20.80	20.86	20.81	22.0	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.86	20.89	20.81	22.0	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	20.82	20.81	20.99	22.0	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	20.82	20.91	20.80	22.0	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.90	20.85	20.85	22.0	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	20.86	20.81	20.84	22.0	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	20.83	20.86	20.82	22.0	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.88	20.87	20.84	22.0	0.0



### Part27Q n78 Ant8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	19.79			21.0	0.0
100	PI/2 BPSK	1	137	19.86				
100	PI/2 BPSK	1	271	19.98				
100	PI/2 BPSK	135	0	18.57			20.5	0.5
100	PI/2 BPSK	135	69	19.91			21.0	0.0
100	PI/2 BPSK	135	138	18.53			20.5	0.5
100	PI/2 BPSK	270	0	18.54				
100	QPSK	1	1	19.99				
100	QPSK	1	137	18.80			21.0	0.0
100	QPSK	1	271	19.97				
100	QPSK	135	0	18.08			20.0	1.0
100	QPSK	135	69	19.94			21.0	0.0
100	QPSK	135	138	18.07			20.0	1.0
100	QPSK	270	0	18.34				
100	16QAM	1	1	18.14			20.0	1.0
100	64QAM	1	1	16.53			18.5	2.5
100	256QAM	1	1	14.68			16.5	4.5
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
90	QPSK	1	1	19.89	19.86	19.91	21.0	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
80	QPSK	1	1	19.89	19.88	19.94	21.0	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	19.92	19.88	19.90	21.0	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
60	QPSK	1	1	19.85	19.92	19.84	21.0	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
50	QPSK	1	1	19.85	19.91	19.94	21.0	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
40	QPSK	1	1	19.86	19.89	19.94	21.0	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
30	QPSK	1	1	19.88	19.86	19.86	21.0	0.0
Channel				630000	633332	636668		
Frequency (MHz)				3450	3499.98	3550.02		
20	QPSK	1	1	19.93	19.92	19.90	21.0	0.0



Reduced Power Mode for DSI2

n5 Ant0 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				168800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	Pi/2 BPSK	1	1	22.91	23.00	22.92			
20	Pi/2 BPSK	1	53	22.81	22.92	22.83	24.0	0.0	
20	Pi/2 BPSK	1	104	22.63	22.75	22.60			
20	Pi/2 BPSK	50	0	22.53	22.61	22.56	23.5	0.5	
20	Pi/2 BPSK	50	28	22.85	22.95	22.91	24.0	0.0	
20	Pi/2 BPSK	50	56	22.30	22.42	22.33			
20	Pi/2 BPSK	100	0	22.42	22.56	22.51	23.5	0.5	
20	QPSK	1	1	23.13	23.17	23.09			
20	QPSK	1	53	22.90	22.98	22.83	24.0	0.0	
20	QPSK	1	104	22.73	22.82	22.66			
20	QPSK	50	0	22.05	22.11	22.05	23.0	1.0	
20	QPSK	50	28	22.84	22.94	22.88	24.0	0.0	
20	QPSK	50	56	21.78	21.89	21.84			
20	QPSK	100	0	21.94	22.00	21.94	23.0	1.0	
20	16QAM	1	1	21.94	22.10	22.03	23.0	1.0	
20	64QAM	1	1	21.06	21.18	21.12	21.5	2.5	
20	256QAM	1	1	18.92	18.98	18.87	19.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0	
15	QPSK	1	1	23.00	23.10	23.04	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.0	0.0	
10	QPSK	1	1	23.08	23.07	23.00	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0	
5	QPSK	1	1	23.02	23.02	23.03	24.0	0.0	

n26 Ant0 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				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	Pi/2 BPSK	1	1	22.90	23.00	22.91			
20	Pi/2 BPSK	1	53	22.80	22.92	22.80	24.0	0.0	
20	Pi/2 BPSK	1	104	22.74	22.84	22.79			
20	Pi/2 BPSK	50	0	22.49	22.65	22.57	23.5	0.5	
20	Pi/2 BPSK	50	28	22.86	22.94	22.79	24.0	0.0	
20	Pi/2 BPSK	50	56	22.37	22.49	22.35			
20	Pi/2 BPSK	100	0	22.47	22.60	22.52	23.5	0.5	
20	QPSK	1	1	22.96	23.03	22.92			
20	QPSK	1	53	22.86	22.95	22.85	24.0	0.0	
20	QPSK	1	104	22.78	22.89	22.85			
20	QPSK	50	0	22.00	22.10	21.96	23.0	1.0	
20	QPSK	50	28	22.85	22.98	22.90	24.0	0.0	
20	QPSK	50	56	21.86	21.97	21.86			
20	QPSK	100	0	21.93	22.07	21.92	23.0	1.0	
20	16QAM	1	1	22.17	22.23	22.19	23.0	1.0	
20	64QAM	1	1	20.50	20.60	20.45	21.5	2.5	
20	256QAM	1	1	18.50	18.57	18.52	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0	
15	QPSK	1	1	22.86	22.94	22.79	24.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.0	0.0	
10	QPSK	1	1	22.89	22.95	22.84	24.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0	
5	QPSK	1	1	22.84	22.97	22.81	24.0	0.0	



### n2 Ant1 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								
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.56	22.71	22.56		
20	PI2 BPSK	1	53	22.61	22.72	22.66	24.0	0.0
20	PI2 BPSK	1	104	22.54	22.65	22.53		
20	PI2 BPSK	50	0	22.27	22.32	22.25	23.5	0.5
20	PI2 BPSK	50	28	22.69	22.77	22.70	24.0	0.0
20	PI2 BPSK	50	58	22.30	22.36	22.30	23.5	0.5
20	PI2 BPSK	100	0	22.25	22.35	22.29		
20	QPSK	1	1	22.74	22.79	22.67		
20	QPSK	1	53	22.82	22.72	22.61	24.0	0.0
20	QPSK	1	104	22.66	22.74	22.63		
20	QPSK	50	0	21.76	21.87	21.82	23.0	1.0
20	QPSK	50	28	22.68	22.74	22.67	24.0	0.0
20	QPSK	50	58	21.80	21.85	21.70	23.0	1.0
20	QPSK	100	0	21.79	21.85	21.76		
20	16QAM	1	1	21.90	22.03	21.98	23.0	1.0
20	16QAM	1	1	20.20	20.35	20.30	21.5	2.5
20	256QAM	1	1	18.20	18.30	18.25	19.5	4.5
Channel								
Frequency (MHz)				37500	37600	38000	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.59	22.73	22.58	24.0	0.0
Channel								
Frequency (MHz)				37600	376000	381000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.60	22.65	22.59	24.0	0.0
Channel								
Frequency (MHz)				37500	376000	381500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.60	22.68	22.61	24.0	0.0

### n7 Ant1 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								
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	22.52	22.62	22.55		
40	PI2 BPSK	1	108	22.55	22.63	22.57	24.0	0.0
40	PI2 BPSK	1	214	22.55	22.59	22.54		
40	PI2 BPSK	108	0	22.08	22.14	22.01	23.5	0.5
40	PI2 BPSK	108	54	22.37	22.42	22.31	24.0	0.0
40	PI2 BPSK	108	108	22.08	22.15	22.08	23.5	0.5
40	PI2 BPSK	216	0	22.06	22.12	21.98		
40	QPSK	1	1	22.85	22.75	22.62		
40	QPSK	1	108	22.47	22.56	22.49	24.0	0.0
40	QPSK	1	214	22.40	22.50	22.46		
40	QPSK	108	0	21.52	21.63	21.52	23.0	1.0
40	QPSK	108	54	22.44	22.53	22.49	24.0	0.0
40	QPSK	108	108	21.59	21.66	21.56	23.0	1.0
40	QPSK	216	0	21.59	21.64	21.59		
40	16QAM	1	1	21.85	21.97	21.88	23.0	1.0
40	16QAM	1	1	20.16	20.30	20.19	21.5	2.5
40	256QAM	1	1	18.17	18.25	18.13	19.5	4.5
Channel								
Frequency (MHz)				50300	50700	51100	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.53	22.64	22.54	24.0	0.0
Channel								
Frequency (MHz)				50200	50700	51150	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	22.59	22.64	22.57	24.0	0.0
Channel								
Frequency (MHz)				50200	50700	51200	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	22.57	22.60	22.49	24.0	0.0
Channel								
Frequency (MHz)				50150	50700	51250	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.59	22.69	22.49	24.0	0.0
Channel								
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.59	22.69	22.49	24.0	0.0
Channel								
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.55	22.59	22.52	24.0	0.0

### n66 Ant1 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								
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	22.80	22.91	22.84		
40	PI2 BPSK	1	108	22.73	22.85	22.80	24.0	0.0
40	PI2 BPSK	1	214	22.79	22.84	22.75		
40	PI2 BPSK	108	0	22.38	22.53	22.46	23.5	0.5
40	PI2 BPSK	108	54	22.75	22.86	22.80	24.0	0.0
40	PI2 BPSK	108	108	22.47	22.57	22.43	23.5	0.5
40	PI2 BPSK	216	0	22.41	22.56	22.50		
40	QPSK	1	1	22.80	22.94	22.87		
40	QPSK	1	108	22.78	22.93	22.89	24.0	0.0
40	QPSK	1	214	22.71	22.78	22.65		
40	QPSK	108	0	21.92	22.07	22.03	23.0	1.0
40	QPSK	108	54	22.84	22.93	22.89	24.0	0.0
40	QPSK	108	108	21.97	22.06	22.02	23.0	1.0
40	QPSK	216	0	21.97	22.04	21.88		
40	16QAM	1	1	21.97	22.13	22.07	23.0	1.0
40	16QAM	1	1	20.48	20.56	20.47	21.5	2.5
40	256QAM	1	1	18.42	18.50	18.41	19.5	4.5
Channel								
Frequency (MHz)				34500	34900	35300	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.82	22.85	22.80	24.0	0.0
Channel								
Frequency (MHz)				34400	34900	35400	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	22.77	22.83	22.76	24.0	0.0
Channel								
Frequency (MHz)				34350	34900	35450	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.75	22.80	22.73	24.0	0.0
Channel								
Frequency (MHz)				34300	34900	35500	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.84	22.82	22.75	24.0	0.0
Channel								
Frequency (MHz)				34250	34900	35550	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.78	22.79	22.80	24.0	0.0



n38 Ant1 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				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	23.13	23.19	23.11	24.0	0.0	
40	PI/2 BPSK	1	53	23.04	23.10	22.96			
40	PI/2 BPSK	1	104	23.06	23.13	23.06			
40	PI/2 BPSK	50	0	22.75	22.82	22.69	23.5	0.5	
40	PI/2 BPSK	50	28	22.98	23.12	23.07	24.0	0.0	
40	PI/2 BPSK	50	56	22.63	22.73	22.65			
40	PI/2 BPSK	100	0	22.57	22.70	22.62	23.5	0.5	
40	QPSK	1	1	23.22	23.28	23.16			
40	QPSK	1	53	23.02	23.16	23.07	24.0	0.0	
40	QPSK	1	104	23.04	23.11	22.96			
40	QPSK	50	0	22.13	22.26	22.16	23.0	1.0	
40	QPSK	50	28	22.98	23.10	23.04	24.0	0.0	
40	QPSK	50	56	22.10	22.25	22.11	23.0	1.0	
40	QPSK	100	0	22.17	22.23	22.13	23.0	1.0	
40	16QAM	1	1	22.30	22.43	22.34	23.0	1.0	
40	64QAM	1	1	20.71	20.81	20.75	21.5	2.5	
40	256QAM	1	1	18.61	18.70	18.66	19.5	4.5	
Channel				517002	519000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	23.17	23.20	23.03	24.0	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	23.08	23.21	23.10	24.0	0.0	

n41 Ant1 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	PI/2 BPSK	1	1	22.58	22.72	22.64			
100	PI/2 BPSK	1	137	22.45	22.54	22.43	24.0	0.0	
100	PI/2 BPSK	1	271	22.62	22.73	22.63			
100	PI/2 BPSK	135	0	22.15	22.28	22.14	23.5	0.5	
100	PI/2 BPSK	135	69	22.60	22.72	22.65	24.0	0.0	
100	PI/2 BPSK	135	138	22.26	22.34	22.23			
100	PI/2 BPSK	270	0	22.27	22.35	22.24			
100	QPSK	1	1	22.90	23.04	22.94			
100	QPSK	1	137	22.67	22.72	22.67	24.0	0.0	
100	QPSK	1	271	22.67	22.81	22.73			
100	QPSK	135	0	21.71	21.79	21.67	23.0	1.0	
100	QPSK	135	69	22.65	22.69	22.64	24.0	0.0	
100	QPSK	135	138	21.75	21.86	21.80			
100	QPSK	270	0	21.77	21.87	21.80	23.0	1.0	
100	16QAM	1	1	21.68	21.79	21.80	23.0	1.0	
100	64QAM	1	1	20.26	20.41	20.35	21.5	2.5	
100	256QAM	1	1	18.28	18.36	18.25	19.5	4.5	
Channel				508200	518598	528996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	22.80	22.92	22.79	24.0	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	22.77	22.94	22.82	24.0	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	22.81	22.93	22.85	24.0	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.79	22.95	22.84	24.0	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	22.81	22.92	22.78	24.0	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.75	22.94	22.83	24.0	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	22.81	22.94	22.82	24.0	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	22.83	22.95	22.80	24.0	0.0	



Part27Q n78 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				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	16.34	16.37	16.36	17.4	0.0
100	PI/2 BPSK	1	137	16.34	16.37	16.36	17.4	0.0
100	PI/2 BPSK	1	271	16.34	16.37	16.36	17.4	0.0
100	PI/2 BPSK	135	0	16.34	16.37	16.36	17.4	0.0
100	PI/2 BPSK	135	69	16.34	16.37	16.36	17.4	0.0
100	PI/2 BPSK	135	138	16.34	16.37	16.36	17.4	0.0
100	PI/2 BPSK	270	0	16.34	16.37	16.36	17.4	0.0
100	QPSK	1	1	16.42	16.42	16.42	17.4	0.0
100	QPSK	1	137	16.18	16.18	16.18	17.4	0.0
100	QPSK	1	271	16.15	16.15	16.15	17.4	0.0
100	QPSK	135	0	16.28	16.28	16.28	17.4	0.0
100	QPSK	135	69	16.23	16.23	16.23	17.4	0.0
100	QPSK	135	138	16.00	16.00	16.00	17.4	0.0
100	QPSK	270	0	16.24	16.24	16.24	17.4	0.0
100	16QAM	1	1	16.14	16.14	16.14	17.4	0.0
100	64QAM	1	1	16.08	16.08	16.08	17.4	0.0
100	256QAM	1	1	16.28	16.28	16.28	17.4	0.0
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	16.34	16.37	16.36	17.4	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.28	16.34	16.29	17.4	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	16.31	16.32	16.37	17.4	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	16.28	16.30	16.38	17.4	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.33	16.27	16.30	17.4	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	16.34	16.36	16.27	17.4	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	16.27	16.33	16.30	17.4	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.30	16.31	16.31	17.4	0.0



### n2 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								
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	17.97	18.14	18.05		
20	PI2 BPSK	1	53	17.90	18.04	17.88	19.5	0.0
20	PI2 BPSK	1	104	17.96	17.96	17.86		
20	PI2 BPSK	50	0	17.88	18.03	17.93	19.5	0.0
20	PI2 BPSK	50	28	17.91	18.02	17.92	19.5	0.0
20	PI2 BPSK	50	58	17.90	17.99	17.80	19.5	0.0
20	PI2 BPSK	100	0	17.89	18.01	17.83		
20	QPSK	1	1	18.37	18.49	18.27		
20	QPSK	1	53	18.21	18.20	18.27	19.5	0.0
20	QPSK	1	104	18.17	18.17	18.17		
20	QPSK	50	0	18.25	18.32	18.27	19.5	0.0
20	QPSK	50	28	18.08	18.35	18.12	19.5	0.0
20	QPSK	50	58	18.09	18.20	18.07	19.5	0.0
20	QPSK	100	0	18.23	18.25	18.19		
20	16QAM	1	1	18.14	18.18	18.14	19.5	0.0
20	16QAM	1	1	18.10	18.10	18.12	19.5	0.0
20	256QAM	1	1	17.36	17.48	17.41	18.5	1.0
Channel								
Frequency (MHz)				37000	37000	38000	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	18.08	18.09	18.10	19.5	0.0
Channel								
Frequency (MHz)				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	18.55	18.90	19.05	19.5	0.0
Channel								
Frequency (MHz)				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	18.52	18.80	19.07	19.5	0.0

### n5 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								
Frequency (MHz)				16800	16700	16700		
20	PI2 BPSK	1	1	20.35	20.44	20.38		
20	PI2 BPSK	1	53	20.25	20.37	20.24	21.9	0.0
20	PI2 BPSK	1	104	20.31	20.38	20.22		
20	PI2 BPSK	50	0	20.24	20.43	20.24	21.9	0.0
20	PI2 BPSK	50	28	20.23	20.33	20.34	21.9	0.0
20	PI2 BPSK	50	58	20.25	20.30	20.15	21.9	0.0
20	PI2 BPSK	100	0	20.22	20.20	20.16		
20	QPSK	1	1	20.69	20.72	20.65		
20	QPSK	1	53	20.38	20.66	20.51	21.9	0.0
20	QPSK	1	104	20.53	20.42	20.38		
20	QPSK	50	0	20.59	20.57	20.54	21.9	0.0
20	QPSK	50	28	20.40	20.63	20.47	21.9	0.0
20	QPSK	50	58	20.43	20.46	20.35	21.9	0.0
20	QPSK	100	0	20.57	20.59	20.56		
20	16QAM	1	1	20.38	20.51	20.45	21.9	0.0
20	16QAM	1	1	20.17	20.33	20.25	21.5	0.4
20	256QAM	1	1	18.32	18.41	18.29	19.5	2.4
Channel								
Frequency (MHz)				165300	167000	168500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	20.63	20.64	20.52	21.9	0.0
Channel								
Frequency (MHz)				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	20.70	20.85	20.44	21.9	0.0
Channel								
Frequency (MHz)				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	20.59	20.59	20.49	21.9	0.0

### n7 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								
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	16.85	16.99	16.96		
40	PI2 BPSK	1	108	16.78	17.00	16.76	18.5	0.0
40	PI2 BPSK	1	214	16.80	16.92	16.79		
40	PI2 BPSK	108	0	16.82	16.92	16.86	18.5	0.0
40	PI2 BPSK	108	54	16.79	16.94	16.87	18.5	0.0
40	PI2 BPSK	108	108	16.72	16.91	16.76	18.5	0.0
40	PI2 BPSK	216	0	16.77	16.92	16.84		
40	QPSK	1	1	17.28	17.33	17.28		
40	QPSK	1	108	17.10	17.14	17.08	18.5	0.0
40	QPSK	1	214	17.03	17.12	17.04		
40	QPSK	108	0	17.15	17.20	17.18	18.5	0.0
40	QPSK	108	54	17.01	17.22	17.06	18.5	0.0
40	QPSK	108	108	16.98	17.06	16.93	18.5	0.0
40	QPSK	216	0	17.15	17.18	17.10		
40	16QAM	1	1	17.02	17.13	17.03	18.5	0.0
40	16QAM	1	1	17.00	16.99	16.92	18.5	0.0
40	256QAM	1	1	17.12	17.23	17.08	18.5	0.0
Channel								
Frequency (MHz)				50300	50700	51100	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	17.15	17.30	17.07	18.5	0.0
Channel								
Frequency (MHz)				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	23.15	23.35	23.57	18.5	0.0
Channel								
Frequency (MHz)				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
20	PI2 BPSK	1	1	25.10	25.35	25.60	18.5	0.0
Channel								
Frequency (MHz)				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	17.10	17.28	17.00	18.5	0.0
Channel								
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	17.19	17.23	17.06	18.5	0.0





n26 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				16390	16390	16760		
Frequency (MHz)				824	831.5	839		
20	PI2 BPSK	1	1	20.44	20.59	20.45		
20	PI2 BPSK	1	53	20.37	20.44	20.29	21.9	0.0
20	PI2 BPSK	1	104	20.37	20.47	20.35		
20	PI2 BPSK	50	0	20.37	20.48	20.39	21.9	0.0
20	PI2 BPSK	50	28	20.33	20.42	20.40	21.9	0.0
20	PI2 BPSK	50	56	20.29	20.37	20.29		
20	PI2 BPSK	100	0	20.35	20.33	20.24	21.9	0.0
20	QPSK	1	1	20.78	20.81	20.74		
20	QPSK	1	53	20.54	20.71	20.60	21.9	0.0
20	QPSK	1	104	20.61	20.58	20.53		
20	QPSK	50	0	20.67	20.71	20.64	21.9	0.0
20	QPSK	50	28	20.48	20.77	20.61	21.9	0.0
20	QPSK	50	56	20.52	20.58	20.43		
20	QPSK	100	0	20.70	20.71	20.64	21.9	0.0
20	16QAM	1	1	20.49	20.57	20.58	21.9	0.0
20	64QAM	1	1	20.31	20.42	20.31	21.5	0.4
20	256QAM	1	1	18.38	18.46	18.39	19.5	2.4
Channel				16430	16390	16390	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.60	20.75	20.64	21.9	0.0
Channel				163800	166300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	841		
10	QPSK	1	1	20.63	20.77	20.61	21.9	0.0
Channel				163300	166300	166300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	20.65	20.75	20.60	21.9	0.0

n66 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				34900	34900	35200		
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	16.48	16.63	16.47		
40	PI2 BPSK	1	108	16.44	16.61	16.41	17.9	0.0
40	PI2 BPSK	1	214	16.49	16.48	16.38		
40	PI2 BPSK	108	0	16.47	16.60	16.45	17.9	0.0
40	PI2 BPSK	108	54	16.45	16.54	16.42	17.9	0.0
40	PI2 BPSK	108	108	16.42	16.53	16.32		
40	PI2 BPSK	216	0	16.38	16.51	16.33	17.9	0.0
40	QPSK	1	1	16.81	16.98	16.75		
40	QPSK	1	108	16.75	16.74	16.74	17.9	0.0
40	QPSK	1	214	16.68	16.74	16.68		
40	QPSK	108	0	16.75	16.91	16.71	17.9	0.0
40	QPSK	108	54	16.68	16.95	16.65	17.9	0.0
40	QPSK	108	108	16.65	16.67	16.54		
40	QPSK	216	0	16.81	16.84	16.76	17.9	0.0
40	16QAM	1	1	16.59	16.70	16.62	17.9	0.0
40	64QAM	1	1	16.54	16.58	16.63	17.9	0.0
40	256QAM	1	1	16.76	16.84	16.66	17.9	0.0
Channel				34900	34900	35300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.69	16.81	16.62	17.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.70	16.85	16.62	17.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.71	16.86	16.65	17.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.74	16.80	16.73	17.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.76	16.81	16.67	17.9	0.0



Part27Q n78 Ant5 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.08			
100	PI/2 BPSK	1	137		13.10		14.3	0.0
100	PI/2 BPSK	1	271		13.10			
100	PI/2 BPSK	135	0		13.03		14.3	0.0
100	PI/2 BPSK	135	69		13.12		14.3	0.0
100	PI/2 BPSK	135	138		13.00		14.3	0.0
100	PI/2 BPSK	270	0		12.94			
100	QPSK	1	1		13.43			
100	QPSK	1	137		13.30		14.3	0.0
100	QPSK	1	271		13.20			
100	QPSK	135	0		13.21		14.3	0.0
100	QPSK	135	69		13.38		14.3	0.0
100	QPSK	135	138		13.08		14.3	0.0
100	QPSK	270	0		13.27			
100	16QAM	1	1		13.24		14.3	0.0
100	64QAM	1	1		13.13		14.3	0.0
100	256QAM	1	1		13.29		14.3	0.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	13.33	13.33	13.34	14.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.34	13.28	13.34	14.3	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	13.33	13.37	13.29	14.3	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	13.38	13.38	13.36	14.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.34	13.38	13.29	14.3	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	13.34	13.35	13.31	14.3	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	13.32	13.29	13.37	14.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.36	13.38	13.38	14.3	0.0



Part27Q n78 Ant7 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				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	16.11				
100	PI/2 BPSK	1	137	16.11			17.6	0.0
100	PI/2 BPSK	1	271	16.05				
100	PI/2 BPSK	135	0	16.11			17.6	0.0
100	PI/2 BPSK	135	69	16.13			17.6	0.0
100	PI/2 BPSK	135	138	16.02			17.6	0.0
100	PI/2 BPSK	270	0	15.96				
100	QPSK	1	1	16.45				
100	QPSK	1	137	16.24			17.6	0.0
100	QPSK	1	271	16.25				
100	QPSK	135	0	16.16			17.6	0.0
100	QPSK	135	69	16.38			17.6	0.0
100	QPSK	135	138	16.15			17.6	0.0
100	QPSK	270	0	16.32				
100	16QAM	1	1	16.25			17.6	0.0
100	64QAM	1	1	16.10			17.6	0.0
100	256QAM	1	1	16.12			16.8	0.8
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	16.33	16.38	16.36	17.6	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.30	16.40	16.38	17.6	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	16.30	16.33	16.31	17.6	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	16.36	16.36	16.39	17.6	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.34	16.38	16.37	17.6	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	16.32	16.36	16.31	17.6	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	16.37	16.41	16.35	17.6	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.41	16.31	16.40	17.6	0.0



### Part27Q n78 Ant8 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				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	19.79			21.0	0.0
100	PI/2 BPSK	1	137	19.86				
100	PI/2 BPSK	1	271	19.98				
100	PI/2 BPSK	135	0	18.57			20.5	0.5
100	PI/2 BPSK	135	69	19.91			21.0	0.0
100	PI/2 BPSK	135	138	18.53			20.5	0.5
100	PI/2 BPSK	270	0	18.54				
100	QPSK	1	1	19.99				
100	QPSK	1	137	18.80			21.0	0.0
100	QPSK	1	271	19.97				
100	QPSK	135	0	18.08			20.0	1.0
100	QPSK	135	69	19.94			21.0	0.0
100	QPSK	135	138	18.07			20.0	1.0
100	QPSK	270	0	18.34				
100	16QAM	1	1	18.14			20.0	1.0
100	64QAM	1	1	16.53			18.5	2.5
100	256QAM	1	1	14.68			16.5	4.5
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
90	QPSK	1	1	19.89	19.86	19.91	21.0	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
80	QPSK	1	1	19.89	19.88	19.94	21.0	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	19.92	19.88	19.90	21.0	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
60	QPSK	1	1	19.85	19.92	19.84	21.0	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
50	QPSK	1	1	19.85	19.91	19.94	21.0	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
40	QPSK	1	1	19.86	19.89	19.94	21.0	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
30	QPSK	1	1	19.88	19.86	19.86	21.0	0.0
Channel				630000	633332	636668		
Frequency (MHz)				3450	3499.98	3550.02		
20	QPSK	1	1	19.93	19.92	19.90	21.0	0.0



Reduced Power Mode for DSI3

n5 Ant0 DSI 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				168800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	22.91	23.00	22.92			
20	PI/2 BPSK	1	53	22.81	22.92	22.83	24.0	0.0	
20	PI/2 BPSK	1	104	22.63	22.75	22.60			
20	PI/2 BPSK	50	0	22.53	22.61	22.56	23.5	0.5	
20	PI/2 BPSK	50	28	22.85	22.95	22.91	24.0	0.0	
20	PI/2 BPSK	50	56	22.30	22.42	22.33			
20	PI/2 BPSK	100	0	22.42	22.56	22.51	23.5	0.5	
20	QPSK	1	1	23.13	23.17	23.09			
20	QPSK	1	53	22.90	22.98	22.83	24.0	0.0	
20	QPSK	1	104	22.73	22.82	22.66			
20	QPSK	50	0	22.05	22.11	22.05	23.0	1.0	
20	QPSK	50	28	22.84	22.94	22.88	24.0	0.0	
20	QPSK	50	56	21.78	21.89	21.84			
20	QPSK	100	0	21.94	22.00	21.94	23.0	1.0	
20	16QAM	1	1	21.94	22.10	22.03	23.0	1.0	
20	64QAM	1	1	21.06	21.18	21.12	21.5	2.5	
20	256QAM	1	1	18.92	18.98	18.87	19.5	4.5	
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0	
15	QPSK	1	1	23.00	23.10	23.04	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.0	0.0	
10	QPSK	1	1	23.08	23.07	23.00	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0	
5	QPSK	1	1	23.02	23.02	23.03	24.0	0.0	

n26 Ant0 DSI 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				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	22.90	23.00	22.91			
20	PI/2 BPSK	1	53	22.80	22.92	22.80	24.0	0.0	
20	PI/2 BPSK	1	104	22.74	22.84	22.79			
20	PI/2 BPSK	50	0	22.49	22.65	22.57	23.5	0.5	
20	PI/2 BPSK	50	28	22.86	22.94	22.79	24.0	0.0	
20	PI/2 BPSK	50	56	22.37	22.49	22.35			
20	PI/2 BPSK	100	0	22.47	22.60	22.52	23.5	0.5	
20	QPSK	1	1	22.96	23.03	22.92			
20	QPSK	1	53	22.86	22.95	22.85	24.0	0.0	
20	QPSK	1	104	22.78	22.89	22.85			
20	QPSK	50	0	22.00	22.10	21.96	23.0	1.0	
20	QPSK	50	28	22.85	22.98	22.90	24.0	0.0	
20	QPSK	50	56	21.86	21.97	21.86			
20	QPSK	100	0	21.93	22.07	21.92	23.0	1.0	
20	16QAM	1	1	22.17	22.23	22.19	23.0	1.0	
20	64QAM	1	1	20.50	20.60	20.45	21.5	2.5	
20	256QAM	1	1	18.50	18.57	18.52	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0	
15	QPSK	1	1	22.86	22.94	22.79	24.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.0	0.0	
10	QPSK	1	1	22.89	22.95	22.84	24.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0	
5	QPSK	1	1	22.84	22.97	22.81	24.0	0.0	



### n2 Ant1 DSI 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								
Frequency (MHz)				1860	1860	1900		
20	PI2 BPSK	1	1	19.35	19.54	19.44		
20	PI2 BPSK	1	53	19.35	19.41	19.34	21.1	0.0
20	PI2 BPSK	1	164	19.33	19.49	19.35		
20	PI2 BPSK	50	0	19.36	19.48	19.32	21.1	0.0
20	PI2 BPSK	50	28	19.32	19.43	19.39	21.1	0.0
20	PI2 BPSK	50	58	19.24	19.42	19.26	21.1	0.0
20	PI2 BPSK	100	0	19.31	19.38	19.30		
20	QPSK	1	1	19.92	19.85	19.86		
20	QPSK	1	53	19.56	19.72	19.68	21.1	0.0
20	QPSK	1	104	19.56	19.64	19.48		
20	QPSK	50	0	19.58	19.61	19.61	21.1	0.0
20	QPSK	50	28	19.71	19.84	19.66	21.1	0.0
20	QPSK	50	58	19.50	19.52	19.53		
20	QPSK	100	0	19.54	19.55	19.37	21.1	0.0
20	16QAM	1	1	19.51	19.57	19.56	21.1	0.0
20	16QAM	1	1	19.48	19.51	19.42	21.1	0.0
20	256QAM	1	1	19.20	19.30	19.25	19.5	1.6
Channel								
Frequency (MHz)				37550	37600	38000		
15	QPSK	1	1	19.53	19.49	19.47	21.1	0.0
Channel								
Frequency (MHz)				37600	376000	381000		
10	QPSK	1	1	19.50	19.49	19.50	21.1	0.0
Channel								
Frequency (MHz)				375500	376000	381500		
5	QPSK	1	1	19.44	19.58	19.46	21.1	0.0

### n7 Ant1 DSI 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								
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	20.31	20.52	20.40		
40	PI2 BPSK	1	108	20.23	20.44	20.31	22.0	0.0
40	PI2 BPSK	1	214	20.26	20.34	20.30		
40	PI2 BPSK	108	0	20.25	20.37	20.28	22.0	0.0
40	PI2 BPSK	108	54	20.31	20.47	20.35	22.0	0.0
40	PI2 BPSK	108	108	20.26	20.36	20.25	22.0	0.0
40	PI2 BPSK	216	0	20.28	20.35	20.20		
40	QPSK	1	1	20.72	20.81	20.68		
40	QPSK	1	108	20.54	20.63	20.58	22.0	0.0
40	QPSK	1	214	20.50	20.60	20.51		
40	QPSK	108	0	20.47	20.60	20.51	22.0	0.0
40	QPSK	108	54	20.68	20.81	20.64	22.0	0.0
40	QPSK	108	108	20.47	20.51	20.42	22.0	0.0
40	QPSK	216	0	20.43	20.55	20.29		
40	16QAM	1	1	20.43	20.60	20.47	22.0	0.0
40	16QAM	1	1	20.16	20.30	20.19	21.2	0.8
40	256QAM	1	1	18.17	18.25	18.13	19.2	2.8
Channel								
Frequency (MHz)				50300	50700	51100		
30	QPSK	1	1	20.49	20.54	20.47	22.0	0.0
Channel								
Frequency (MHz)				502600	507000	511500		
25	QPSK	1	1	20.44	20.53	20.57	22.0	0.0
Channel								
Frequency (MHz)				502000	507000	512000		
20	QPSK	1	1	20.43	20.51	20.47	22.0	0.0
Channel								
Frequency (MHz)				501500	507000	512500		
15	QPSK	1	1	20.43	20.57	20.52	22.0	0.0
Channel								
Frequency (MHz)				501000	507000	513000		
10	QPSK	1	1	20.45	20.62	20.48	22.0	0.0
Channel								
Frequency (MHz)				500500	507000	513500		
5	QPSK	1	1	20.47	20.60	20.55	22.0	0.0

### n66 Ant1 DSI 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								
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	19.50	19.68	19.52		
40	PI2 BPSK	1	108	19.42	19.55	19.42	20.9	0.0
40	PI2 BPSK	1	214	19.41	19.51	19.45		
40	PI2 BPSK	108	0	19.39	19.82	19.45	20.9	0.0
40	PI2 BPSK	108	54	19.42	19.55	19.45	20.9	0.0
40	PI2 BPSK	108	108	19.31	19.45	19.32	20.9	0.0
40	PI2 BPSK	216	0	19.35	19.53	19.37		
40	QPSK	1	1	19.80	19.99	19.82		
40	QPSK	1	108	19.85	19.78	19.75	20.9	0.0
40	QPSK	1	214	19.68	19.70	19.68		
40	QPSK	108	0	19.63	19.75	19.68	20.9	0.0
40	QPSK	108	54	19.63	19.87	19.68	20.9	0.0
40	QPSK	108	108	19.56	19.82	19.56		
40	QPSK	216	0	19.59	19.70	19.45	20.9	0.0
40	16QAM	1	1	19.62	19.66	19.64	20.9	0.0
40	16QAM	1	1	19.59	19.61	19.60	20.9	0.0
40	256QAM	1	1	18.42	18.50	18.41	19.5	1.4
Channel								
Frequency (MHz)				34500	34900	35300		
30	QPSK	1	1	19.62	19.62	19.62	20.9	0.0
Channel								
Frequency (MHz)				344000	349000	354000		
20	QPSK	1	1	19.57	19.68	19.61	20.9	0.0
Channel								
Frequency (MHz)				343500	349000	354500		
15	QPSK	1	1	19.59	19.65	19.60	20.9	0.0
Channel								
Frequency (MHz)				343000	349000	355000		
10	QPSK	1	1	19.65	19.63	19.60	20.9	0.0
Channel								
Frequency (MHz)				342500	349000	355500		
5	QPSK	1	1	19.58	19.68	19.55	20.9	0.0



n38 Ant1 DSI 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				519004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	21.01	21.18	21.00	22.4	0.0	
40	PI/2 BPSK	1	53	20.94	21.02	20.84			
40	PI/2 BPSK	1	104	20.94	21.01	20.97			
40	PI/2 BPSK	50	0	20.93	21.08	20.97	22.4	0.0	
40	PI/2 BPSK	50	28	20.90	21.08	20.97	22.4	0.0	
40	PI/2 BPSK	50	56	20.81	20.99	20.84			
40	PI/2 BPSK	100	0	20.85	21.03	20.92	22.4	0.0	
40	QPSK	1	1	21.34	21.49	21.36			
40	QPSK	1	53	21.17	21.32	21.21	22.4	0.0	
40	QPSK	1	104	21.12	21.23	21.10			
40	QPSK	50	0	21.11	21.17	21.14	22.4	0.0	
40	QPSK	50	28	21.36	21.38	21.19	22.4	0.0	
40	QPSK	50	56	21.12	21.15	21.03			
40	QPSK	100	0	21.08	21.18	21.02	22.4	0.0	
40	16QAM	1	1	21.18	21.21	21.14	22.4	0.0	
40	64QAM	1	1	20.71	20.81	20.75	21.5	0.9	
40	256QAM	1	1	18.61	18.70	18.66	19.5	2.9	
Channel				517002	519000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	21.13	21.28	21.15	22.4	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	21.12	21.19	21.20	22.4	0.0	

n41 Ant1 DSI 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				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	20.99	21.07	20.98			
100	PI/2 BPSK	1	137	20.87	21.02	20.90	22.4	0.0	
100	PI/2 BPSK	1	271	20.92	21.00	20.88			
100	PI/2 BPSK	135	0	20.86	21.08	20.93	22.4	0.0	
100	PI/2 BPSK	135	69	20.93	21.06	20.94	22.4	0.0	
100	PI/2 BPSK	135	138	20.80	20.97	20.81			
100	PI/2 BPSK	270	0	20.86	20.96	20.84	22.4	0.0	
100	QPSK	1	1	21.37	21.45	21.23			
100	QPSK	1	137	21.20	21.28	21.16	22.4	0.0	
100	QPSK	1	271	21.14	21.17	21.09			
100	QPSK	135	0	21.09	21.19	21.21	22.4	0.0	
100	QPSK	135	69	21.30	21.44	21.23	22.4	0.0	
100	QPSK	135	138	21.12	21.10	21.06			
100	QPSK	270	0	21.10	21.11	20.96	22.4	0.0	
100	16QAM	1	1	21.11	21.24	21.11	22.4	0.0	
100	64QAM	1	1	20.26	20.41	20.35	21.5	0.9	
100	256QAM	1	1	18.28	18.36	18.25	19.5	2.9	
Channel				508200	518598	528996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	21.14	21.19	21.20	22.4	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	21.13	21.19	21.17	22.4	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	21.17	21.24	21.11	22.4	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	21.06	21.26	21.16	22.4	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	21.09	21.27	21.20	22.4	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	21.07	21.18	21.17	22.4	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	21.09	21.20	21.16	22.4	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	21.12	21.23	21.14	22.4	0.0	



n2 Ant4 DSI 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				372000	376000	380000		
Frequency (MHz)				1860	1860	1900		
20	PI2 BPSK	1	1	16.51	16.60	16.47		
20	PI2 BPSK	1	53	16.38	16.58	16.37	18.3	0.0
20	PI2 BPSK	1	104	16.46	16.49	16.49		
20	PI2 BPSK	50	0	16.38	16.51	16.51	18.3	0.0
20	PI2 BPSK	50	28	16.47	16.54	16.51	18.3	0.0
20	PI2 BPSK	50	58	16.42	16.54	16.39	18.3	0.0
20	PI2 BPSK	100	0	16.36	16.49	16.42		
20	QPSK	1	1	16.51	16.97	16.79		
20	QPSK	1	53	16.69	16.82	16.69	18.3	0.0
20	QPSK	1	104	16.62	16.67	16.64		
20	QPSK	50	0	16.66	16.69	16.69	18.3	0.0
20	QPSK	50	28	16.85	16.90	16.77	18.3	0.0
20	QPSK	50	58	16.59	16.61	16.52	18.3	0.0
20	QPSK	100	0	16.57	16.63	16.50		
20	16QAM	1	1	16.59	16.72	16.67	18.3	0.0
20	16QAM	1	1	16.60	16.67	16.60	18.3	0.0
20	256QAM	1	1	16.60	16.68	16.58	18.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1860	1902.5		
15	QPSK	1	1	16.61	16.63	16.62	18.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1860	1905		
10	QPSK	1	1	16.66	16.69	16.55	18.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1860	1907.5		
5	QPSK	1	1	16.55	16.67	16.60	18.3	0.0

n5 Ant4 DSI 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				166800	167200	167600		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	21.23	21.33	21.25		
20	PI2 BPSK	1	53	21.18	21.25	21.12	22.9	0.0
20	PI2 BPSK	1	104	21.18	21.22	21.21		
20	PI2 BPSK	50	0	21.12	21.22	21.19	22.9	0.0
20	PI2 BPSK	50	28	21.08	21.27	21.10	22.9	0.0
20	PI2 BPSK	50	58	21.03	21.21	20.99	22.9	0.0
20	PI2 BPSK	100	0	21.11	21.18	21.08		
20	QPSK	1	1	21.50	21.84	21.48		
20	QPSK	1	53	21.37	21.38	21.39	22.9	0.0
20	QPSK	1	104	21.32	21.40	21.37		
20	QPSK	50	0	21.32	21.42	21.33	22.9	0.0
20	QPSK	50	28	21.51	21.54	21.46	22.9	0.0
20	QPSK	50	58	21.37	21.38	21.26	22.9	0.0
20	QPSK	100	0	21.35	21.44	21.24		
20	16QAM	1	1	21.22	21.44	21.26	22.9	0.0
20	16QAM	1	1	20.24	20.27	20.38	22.2	0.7
20	256QAM	1	1	18.29	18.34	18.30	20.2	2.7
Channel				165300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.26	21.50	21.28	22.9	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.26	21.43	21.30	22.9	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.26	21.44	21.34	22.9	0.0

n7 Ant4 DSI 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	18.31	18.43	18.27		
40	PI2 BPSK	1	108	18.15	18.33	18.20	19.8	0.0
40	PI2 BPSK	1	214	18.19	18.26	18.25		
40	PI2 BPSK	108	0	18.15	18.36	18.20	19.8	0.0
40	PI2 BPSK	108	54	18.22	18.29	18.28	19.8	0.0
40	PI2 BPSK	108	108	18.16	18.27	18.08	19.8	0.0
40	PI2 BPSK	216	0	18.20	18.30	18.11		
40	QPSK	1	1	18.64	18.75	18.54		
40	QPSK	1	108	18.50	18.51	18.51	19.8	0.0
40	QPSK	1	214	18.45	18.47	18.37		
40	QPSK	108	0	18.43	18.51	18.46	19.8	0.0
40	QPSK	108	54	18.51	18.62	18.47	19.8	0.0
40	QPSK	108	108	18.36	18.47	18.36	19.8	0.0
40	QPSK	216	0	18.39	18.45	18.28		
40	16QAM	1	1	18.39	18.51	18.41	19.8	0.0
40	16QAM	1	1	18.40	18.40	18.29	19.8	0.0
40	256QAM	1	1	18.29	18.33	18.30	19.5	0.3
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.34	18.37	18.36	19.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.42	18.40	18.30	19.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	18.32	18.46	18.40	19.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.38	18.40	18.31	19.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.49	18.36	18.39	19.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.35	18.45	18.31	19.8	0.0





n26 Ant4 DSI 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.32	21.44	21.32		
20	PI/2 BPSK	1	83	21.26	21.35	21.17	22.9	0.0
20	PI/2 BPSK	1	104	21.28	21.35	21.28		
20	PI/2 BPSK	50	0	21.27	21.33	21.28	22.9	0.0
20	PI/2 BPSK	50	28	21.20	21.37	21.23	22.9	0.0
20	PI/2 BPSK	50	56	21.17	21.25	21.10	22.9	0.0
20	PI/2 BPSK	100	0	21.25	21.32	21.21		
20	QPSK	1	1	21.61	21.79	21.85		
20	QPSK	1	63	21.53	21.63	21.52	22.9	0.0
20	QPSK	1	104	21.47	21.55	21.49		
20	QPSK	50	0	21.45	21.51	21.44	22.9	0.0
20	QPSK	50	28	21.57	21.68	21.56	22.9	0.0
20	QPSK	50	56	21.45	21.45	21.42		
20	QPSK	100	0	21.44	21.52	21.28	22.9	0.0
20	16QAM	1	1	21.38	21.56	21.42	22.9	0.0
20	16QAM	1	1	20.31	20.42	20.31	22.2	0.7
20	256QAM	1	1	18.38	18.48	18.38	20.2	2.7
Channel				164300	165300	165300	Tune-up limit (dBm)	MPR
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.41	21.46	21.46	22.9	0.0
Channel				163800	166300	168800	Tune-up limit	MPR
Frequency (MHz)				817	831.5	844	(dBm)	(dB)
10	QPSK	1	1	21.45	21.49	21.49	22.9	0.0
Channel				163300	166300	165300	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.38	21.50	21.45	22.9	0.0

n66 Ant4 DSI 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				345000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.33	15.52	15.44		
40	PI/2 BPSK	1	108	15.31	15.41	15.33	16.9	0.0
40	PI/2 BPSK	1	214	15.41	15.48	15.36		
40	PI/2 BPSK	108	0	15.30	15.48	15.31	16.9	0.0
40	PI/2 BPSK	108	54	15.32	15.45	15.41	16.9	0.0
40	PI/2 BPSK	108	108	15.24	15.45	15.27	16.9	0.0
40	PI/2 BPSK	216	0	15.29	15.35	15.23		
40	QPSK	1	1	15.82	15.89	15.74		
40	QPSK	1	108	15.56	15.63	15.67	16.9	0.0
40	QPSK	1	214	15.54	15.55	15.55		
40	QPSK	108	0	15.48	15.68	15.60	16.9	0.0
40	QPSK	108	54	15.69	15.85	15.58	16.9	0.0
40	QPSK	108	108	15.47	15.58	15.49		
40	QPSK	216	0	15.51	15.63	15.34	16.9	0.0
40	16QAM	1	1	15.56	15.67	15.62	16.9	0.0
40	16QAM	1	1	15.52	15.58	15.50	16.9	0.0
40	256QAM	1	1	15.51	15.51	15.48	16.9	0.0
Channel				345300	349000	353000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1726	1745	1765		
30	QPSK	1	1	15.52	15.59	15.48	16.9	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	15.48	15.53	15.53	16.9	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	15.53	15.52	15.46	16.9	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1716	1745	1775	(dBm)	(dB)
10	QPSK	1	1	15.56	15.51	15.45	16.9	0.0
Channel				342500	349000	356000	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	15.50	15.55	15.51	16.9	0.0



Part27Q n78 Ant3 DSI 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					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		13.83			
100	Pi/2 BPSK	1	137		13.80		15.4	0.0
100	Pi/2 BPSK	1	271		13.79			
100	Pi/2 BPSK	135	0		13.73		15.4	0.0
100	Pi/2 BPSK	135	69		13.77		15.4	0.0
100	Pi/2 BPSK	135	138		13.65		15.4	0.0
100	Pi/2 BPSK	270	0		13.65			
100	QPSK	1	1		14.19			
100	QPSK	1	137		13.97		15.4	0.0
100	QPSK	1	271		13.93			
100	QPSK	135	0		13.91		15.4	0.0
100	QPSK	135	69		14.16		15.4	0.0
100	QPSK	135	138		13.81		15.4	0.0
100	QPSK	270	0		13.83			
100	16QAM	1	1		13.87		15.4	0.0
100	64QAM	1	1		13.81		15.4	0.0
100	256QAM	1	1		13.80		15.4	0.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	14.03	13.95	14.04	15.4	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.02	13.99	13.95	15.4	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	13.98	13.98	13.98	15.4	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	14.07	13.97	13.97	15.4	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.01	13.97	14.04	15.4	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	13.98	14.01	14.04	15.4	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	13.99	13.99	14.04	15.4	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.99	14.05	13.96	15.4	0.0



Part27Q n78 Ant5 DSI 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				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1		13.67			
100	PI/2 BPSK	1	137		13.59		15.3	0.0
100	PI/2 BPSK	1	271		13.59			
100	PI/2 BPSK	135	0		13.56		15.3	0.0
100	PI/2 BPSK	135	69		13.60		15.3	0.0
100	PI/2 BPSK	135	138		13.51		15.3	0.0
100	PI/2 BPSK	270	0		13.51			
100	QPSK	1	1		13.92			
100	QPSK	1	137		13.78		15.3	0.0
100	QPSK	1	271		13.75			
100	QPSK	135	0		13.66		15.3	0.0
100	QPSK	135	69		13.85		15.3	0.0
100	QPSK	135	138		13.68		15.3	0.0
100	QPSK	270	0		13.69			
100	16QAM	1	1		13.76		15.3	0.0
100	64QAM	1	1		13.64		15.3	0.0
100	256QAM	1	1		13.67		15.3	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
90	QPSK	1	1	13.82	13.85	13.77	15.3	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
80	QPSK	1	1	13.87	13.82	13.82	15.3	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
70	QPSK	1	1	13.83	13.84	13.87	15.3	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
60	QPSK	1	1	13.82	13.84	13.84	15.3	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
50	QPSK	1	1	13.81	13.86	13.78	15.3	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
40	QPSK	1	1	13.85	13.85	13.80	15.3	0.0
Channel				630334	633332	635334		
Frequency (MHz)				3455.01	3499.98	3535.01		
30	QPSK	1	1	13.83	13.79	13.86	15.3	0.0
Channel				630000	633332	634668		
Frequency (MHz)				3450	3499.98	3530.02		
20	QPSK	1	1	13.82	13.83	13.76	15.3	0.0



Part27Q n78 Ant7 DSI 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				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	17.51				
100	PI/2 BPSK	1	137	17.49			19.2	0.0
100	PI/2 BPSK	1	271	17.43				
100	PI/2 BPSK	135	0	17.46			19.2	0.0
100	PI/2 BPSK	135	69	17.50			19.2	0.0
100	PI/2 BPSK	135	138	17.39				
100	PI/2 BPSK	270	0	17.37			19.2	0.0
100	QPSK	1	1	17.85				
100	QPSK	1	137	17.62			19.2	0.0
100	QPSK	1	271	17.59				
100	QPSK	135	0	17.57			19.2	0.0
100	QPSK	135	69	17.75			19.2	0.0
100	QPSK	135	138	17.51				
100	QPSK	270	0	17.62			19.2	0.0
100	16QAM	1	1	17.65			19.2	0.0
100	64QAM	1	1	17.51			19.2	0.0
100	256QAM	1	1	16.14			17.5	1.7
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
90	QPSK	1	1	17.69	17.70	17.68	19.2	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
80	QPSK	1	1	17.72	17.79	17.68	19.2	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	17.73	17.77	17.77	19.2	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
60	QPSK	1	1	17.78	17.69	17.72	19.2	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3470.01	3499.98	3530.01		
50	QPSK	1	1	17.67	17.74	17.78	19.2	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3465	3499.98	3535.02		
40	QPSK	1	1	17.69	17.71	17.78	19.2	0.0
Channel				630000	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
30	QPSK	1	1	17.71	17.73	17.67	19.2	0.0
20	QPSK	1	1	17.71	17.73	17.67	19.2	0.0



Part27Q n78 Ant8 DSI 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				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	17.61			19.4	0.0
100	PI/2 BPSK	1	137	17.53				
100	PI/2 BPSK	1	271	17.52				
100	PI/2 BPSK	135	0	17.57			19.4	0.0
100	PI/2 BPSK	135	69	17.57			19.4	0.0
100	PI/2 BPSK	135	138	17.54			19.4	0.0
100	PI/2 BPSK	270	0	17.54				
100	QPSK	1	1	17.91				
100	QPSK	1	137	17.80			19.4	0.0
100	QPSK	1	271	17.71				
100	QPSK	135	0	17.70			19.4	0.0
100	QPSK	135	69	17.88			19.4	0.0
100	QPSK	135	138	17.66			19.4	0.0
100	QPSK	270	0	17.66				
100	16QAM	1	1	17.69			19.4	0.0
100	64QAM	1	1	16.53			18.5	0.9
100	256QAM	1	1	14.68			16.5	2.9
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	17.86	17.84	17.79	19.4	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.82	17.86	17.84	19.4	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	17.78	17.80	17.83	19.4	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	17.77	17.84	17.87	19.4	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.87	17.83	17.77	19.4	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	17.82	17.77	17.81	19.4	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	17.80	17.78	17.77	19.4	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.80	17.84	17.82	19.4	0.0



Reduced Power Mode for DS14

n5 Ant0 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				168800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	22.91	23.00	22.92			
20	PI/2 BPSK	1	53	22.81	22.92	22.83	24.0	0.0	
20	PI/2 BPSK	1	104	22.63	22.75	22.60			
20	PI/2 BPSK	50	0	22.53	22.61	22.56	23.5	0.5	
20	PI/2 BPSK	50	28	22.85	22.95	22.91	24.0	0.0	
20	PI/2 BPSK	50	56	22.30	22.42	22.33			
20	PI/2 BPSK	100	0	22.42	22.56	22.51	23.5	0.5	
20	QPSK	1	1	23.13	23.17	23.09			
20	QPSK	1	53	22.90	22.98	22.83	24.0	0.0	
20	QPSK	1	104	22.73	22.82	22.66			
20	QPSK	50	0	22.05	22.11	22.05	23.0	1.0	
20	QPSK	50	28	22.84	22.94	22.88	24.0	0.0	
20	QPSK	50	56	21.78	21.89	21.84			
20	QPSK	100	0	21.94	22.00	21.94	23.0	1.0	
20	16QAM	1	1	21.94	22.10	22.03	23.0	1.0	
20	64QAM	1	1	21.06	21.18	21.12	21.5	2.5	
20	256QAM	1	1	18.92	18.98	18.87	19.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0	
15	QPSK	1	1	23.00	23.10	23.04	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.0	0.0	
10	QPSK	1	1	23.08	23.07	23.00	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0	
5	QPSK	1	1	23.02	23.02	23.03	24.0	0.0	

n26 Ant0 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	22.90	23.00	22.91			
20	PI/2 BPSK	1	53	22.80	22.92	22.80	24.0	0.0	
20	PI/2 BPSK	1	104	22.74	22.84	22.79			
20	PI/2 BPSK	50	0	22.49	22.65	22.57	23.5	0.5	
20	PI/2 BPSK	50	28	22.86	22.94	22.79	24.0	0.0	
20	PI/2 BPSK	50	56	22.37	22.49	22.35			
20	PI/2 BPSK	100	0	22.47	22.60	22.52	23.5	0.5	
20	QPSK	1	1	22.96	23.03	22.92			
20	QPSK	1	53	22.86	22.95	22.85	24.0	0.0	
20	QPSK	1	104	22.78	22.89	22.85			
20	QPSK	50	0	22.00	22.10	21.96	23.0	1.0	
20	QPSK	50	28	22.85	22.98	22.90	24.0	0.0	
20	QPSK	50	56	21.86	21.97	21.86			
20	QPSK	100	0	21.93	22.07	21.92	23.0	1.0	
20	16QAM	1	1	22.17	22.23	22.19	23.0	1.0	
20	64QAM	1	1	20.50	20.60	20.45	21.5	2.5	
20	256QAM	1	1	18.50	18.57	18.52	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0	
15	QPSK	1	1	22.86	22.94	22.79	24.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.0	0.0	
10	QPSK	1	1	22.89	22.95	22.84	24.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0	
5	QPSK	1	1	22.84	22.97	22.81	24.0	0.0	



n2 Ant1 DSI 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				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	22.56	22.71	22.56			
20	PI2 BPSK	1	53	22.61	22.72	22.66	24.0	0.0	
20	PI2 BPSK	1	104	22.54	22.65	22.53			
20	PI2 BPSK	50	0	22.27	22.32	22.25	23.5	0.5	
20	PI2 BPSK	50	28	22.69	22.77	22.70	24.0	0.0	
20	PI2 BPSK	50	58	22.30	22.36	22.30	23.5	0.5	
20	PI2 BPSK	100	0	22.25	22.35	22.29			
20	QPSK	1	1	22.74	22.79	22.87	24.0	0.0	
20	QPSK	1	53	22.82	22.72	22.61			
20	QPSK	1	104	22.66	22.74	22.63			
20	QPSK	50	0	21.76	21.87	21.82	23.0	1.0	
20	QPSK	50	28	22.68	22.74	22.67	24.0	0.0	
20	QPSK	50	58	21.80	21.85	21.70	23.0	1.0	
20	QPSK	100	0	21.79	21.85	21.76			
20	16QAM	1	1	21.90	22.03	21.98	23.0	1.0	
20	16QAM	1	1	20.20	20.35	20.30	21.5	2.5	
20	256QAM	1	1	18.20	18.30	18.25	19.5	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	22.59	22.73	22.58	24.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	22.60	22.65	22.59	24.0	0.0	
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	22.60	22.68	22.61	24.0	0.0	

n7 Ant1 DSI 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	510000			
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	22.52	22.62	22.55			
40	PI2 BPSK	1	108	22.55	22.63	22.57	24.0	0.0	
40	PI2 BPSK	1	214	22.55	22.59	22.54			
40	PI2 BPSK	108	0	22.06	22.14	22.01	23.5	0.5	
40	PI2 BPSK	108	54	22.37	22.42	22.31	24.0	0.0	
40	PI2 BPSK	108	108	22.08	22.15	22.08	23.5	0.5	
40	PI2 BPSK	216	0	22.06	22.12	21.98			
40	QPSK	1	1	22.85	22.76	22.82	24.0	0.0	
40	QPSK	1	108	22.47	22.56	22.49			
40	QPSK	1	214	22.40	22.50	22.46			
40	QPSK	108	0	21.52	21.63	21.52	23.0	1.0	
40	QPSK	108	54	22.44	22.53	22.49	24.0	0.0	
40	QPSK	108	108	21.59	21.66	21.56	23.0	1.0	
40	QPSK	216	0	21.59	21.64	21.59			
40	16QAM	1	1	21.85	21.97	21.88	23.0	1.0	
40	16QAM	1	1	20.16	20.30	20.19	21.5	2.5	
40	256QAM	1	1	18.17	18.25	18.13	19.5	4.5	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	22.53	22.64	22.54	24.0	0.0	
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	22.59	22.64	22.57	24.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	22.57	22.60	22.49	24.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	22.59	22.64	22.57	24.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	22.59	22.69	22.49	24.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	22.55	22.59	22.52	24.0	0.0	

n66 Ant1 DSI 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				346500	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	22.80	22.91	22.84			
40	PI2 BPSK	1	108	22.73	22.85	22.80	24.0	0.0	
40	PI2 BPSK	1	214	22.79	22.84	22.75			
40	PI2 BPSK	108	0	22.38	22.53	22.46	23.5	0.5	
40	PI2 BPSK	108	54	22.75	22.86	22.80	24.0	0.0	
40	PI2 BPSK	108	108	22.47	22.57	22.43	23.5	0.5	
40	PI2 BPSK	216	0	22.41	22.56	22.50			
40	QPSK	1	1	22.80	22.94	22.87	24.0	0.0	
40	QPSK	1	108	22.78	22.93	22.89			
40	QPSK	1	214	22.71	22.78	22.65			
40	QPSK	108	0	21.92	22.07	22.03	23.0	1.0	
40	QPSK	108	54	22.84	22.93	22.89	24.0	0.0	
40	QPSK	108	108	21.97	22.06	22.02	23.0	1.0	
40	QPSK	216	0	21.97	22.04	21.88			
40	16QAM	1	1	21.97	22.13	22.07	23.0	1.0	
40	16QAM	1	1	20.48	20.56	20.47	21.5	2.5	
40	256QAM	1	1	18.42	18.50	18.41	19.5	4.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	22.82	22.85	22.80	24.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	22.77	22.83	22.76	24.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	22.75	22.80	22.73	24.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	22.84	22.82	22.75	24.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	22.78	22.79	22.80	24.0	0.0	



n38 Ant1 DSI 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	PI/2 BPSK	1	1	23.13	23.19	23.11	24.0	0.0	
40	PI/2 BPSK	1	53	23.04	23.10	22.96			
40	PI/2 BPSK	1	104	23.06	23.13	23.06			
40	PI/2 BPSK	50	0	22.75	22.82	22.69	23.5	0.5	
40	PI/2 BPSK	50	28	22.98	23.12	23.07	24.0	0.0	
40	PI/2 BPSK	50	56	22.63	22.73	22.65			
40	PI/2 BPSK	100	0	22.57	22.70	22.62	23.5	0.5	
40	QPSK	1	1	23.22	23.28	23.16			
40	QPSK	1	53	23.02	23.16	23.07	24.0	0.0	
40	QPSK	1	104	23.04	23.11	22.96			
40	QPSK	50	0	22.13	22.26	22.16	23.0	1.0	
40	QPSK	50	28	22.98	23.10	23.04	24.0	0.0	
40	QPSK	50	56	22.10	22.25	22.11			
40	QPSK	100	0	22.17	22.23	22.13	23.0	1.0	
40	16QAM	1	1	22.30	22.43	22.34	23.0	1.0	
40	64QAM	1	1	20.71	20.81	20.75	21.5	2.5	
40	256QAM	1	1	18.61	18.70	18.66	19.5	4.5	
Channel				517002	519000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	23.17	23.20	23.03	24.0	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	23.08	23.21	23.10	24.0	0.0	

n41 Ant1 DSI 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	PI/2 BPSK	1	1	22.58	22.72	22.64			
100	PI/2 BPSK	1	137	22.45	22.54	22.43			
100	PI/2 BPSK	1	271	22.62	22.73	22.63			
100	PI/2 BPSK	135	0	22.15	22.28	22.14	23.5	0.5	
100	PI/2 BPSK	135	69	22.60	22.72	22.65	24.0	0.0	
100	PI/2 BPSK	135	138	22.26	22.34	22.23			
100	PI/2 BPSK	270	0	22.27	22.35	22.24			
100	QPSK	1	1	22.90	23.04	22.94			
100	QPSK	1	137	22.67	22.72	22.67			
100	QPSK	1	271	22.67	22.81	22.73			
100	QPSK	135	0	21.71	21.79	21.67	23.0	1.0	
100	QPSK	135	69	22.65	22.69	22.64	24.0	0.0	
100	QPSK	135	138	21.75	21.86	21.80			
100	QPSK	270	0	21.77	21.87	21.80	23.0	1.0	
100	16QAM	1	1	21.68	21.79	21.80	23.0	1.0	
100	64QAM	1	1	20.26	20.41	20.35	21.5	2.5	
100	256QAM	1	1	18.28	18.36	18.25	19.5	4.5	
Channel				508200	518598	528996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	22.80	22.92	22.79	24.0	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	22.77	22.94	22.82	24.0	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	22.81	22.93	22.85	24.0	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.79	22.95	22.84	24.0	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	22.81	22.92	22.78	24.0	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.75	22.94	22.83	24.0	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	22.81	22.94	22.82	24.0	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	22.83	22.95	22.80	24.0	0.0	





### n2 Ant4 DSI 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								
Frequency (MHz)				1860	1860	1900		
20	PI2 BPSK	1	1	21.48	21.63	21.52		
20	PI2 BPSK	1	53	21.42	21.56	21.40	23.0	0.0
20	PI2 BPSK	1	104	21.46	21.54	21.44		
20	PI2 BPSK	50	0	21.07	21.19	21.08	22.5	0.5
20	PI2 BPSK	50	28	21.47	21.58	21.50	23.0	0.0
20	PI2 BPSK	50	58	21.02	21.14	21.06	22.5	0.5
20	PI2 BPSK	100	0	21.09	21.16	21.09		
20	QPSK	1	1	21.86	21.96	21.80		
20	QPSK	1	53	21.89	21.78	21.73	23.0	0.0
20	QPSK	1	104	21.66	21.70	21.63		
20	QPSK	50	0	20.58	20.64	20.58	22.0	1.0
20	QPSK	50	28	21.51	21.84	21.50	23.0	0.0
20	QPSK	50	58	20.59	20.64	20.54	22.0	1.0
20	QPSK	100	0	20.80	20.65	20.61		
20	16QAM	1	1	20.63	20.71	20.64	22.0	1.0
20	16QAM	1	1	19.38	19.47	19.41	20.5	2.5
20	256QAM	1	1	17.36	17.48	17.41	18.5	4.5
Channel								
Frequency (MHz)				37000	37000	38000	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	21.75	21.87	21.72	23.0	0.0
Channel								
Frequency (MHz)				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	1855	1860	1905	23.0	0.0
Channel								
Frequency (MHz)				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	1852.5	1860	1907.5	23.0	0.0

### n5 Ant4 DSI 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								
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	22.57	22.88	22.59		
20	PI2 BPSK	1	53	22.40	22.49	22.35	23.0	0.0
20	PI2 BPSK	1	104	22.20	22.31	22.28		
20	PI2 BPSK	50	0	22.18	22.23	22.13	22.5	0.5
20	PI2 BPSK	50	28	22.35	22.49	22.39	23.0	0.0
20	PI2 BPSK	50	58	21.95	22.04	21.95	22.5	0.5
20	PI2 BPSK	100	0	21.77	21.93	21.79		
20	QPSK	1	1	22.72	22.77	22.65		
20	QPSK	1	53	22.40	22.47	22.40	23.0	0.0
20	QPSK	1	104	22.25	22.29	22.21		
20	QPSK	50	0	21.55	21.69	21.61	22.0	1.0
20	QPSK	50	28	22.43	22.51	22.41	23.0	0.0
20	QPSK	50	58	21.32	21.46	21.38	22.0	1.0
20	QPSK	100	0	21.51	21.61	21.57		
20	16QAM	1	1	21.77	21.92	21.83	22.0	1.0
20	16QAM	1	1	19.93	20.03	19.91	20.5	2.5
20	256QAM	1	1	18.32	18.47	18.36	18.5	4.5
Channel								
Frequency (MHz)				16530	16700	16850	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.80	22.71	22.52	23.0	0.0
Channel								
Frequency (MHz)				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	820	838.5	844	830	0.0
Channel								
Frequency (MHz)				165300	167000	169300	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	826.5	836.5	846.5	23.0	0.0

### n7 Ant4 DSI 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								
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	22.52	22.67	22.48		
40	PI2 BPSK	1	108	22.64	22.74	22.58	24.0	0.0
40	PI2 BPSK	1	214	22.69	22.77	22.69		
40	PI2 BPSK	108	0	22.17	22.28	22.11	23.5	0.5
40	PI2 BPSK	108	54	22.55	22.64	22.57	24.0	0.0
40	PI2 BPSK	108	108	22.31	22.41	22.30	23.5	0.5
40	PI2 BPSK	216	0	22.27	22.38	22.24		
40	QPSK	1	1	22.81	22.82	22.59		
40	QPSK	1	108	22.81	22.80	22.82	24.0	0.0
40	QPSK	1	214	22.65	22.70	22.82		
40	QPSK	108	0	21.70	21.80	21.78	23.0	1.0
40	QPSK	108	54	22.69	22.78	22.59	24.0	0.0
40	QPSK	108	108	21.86	21.92	21.78	23.0	1.0
40	QPSK	216	0	21.75	21.80	21.79		
40	16QAM	1	1	21.82	21.98	21.81	23.0	1.0
40	16QAM	1	1	20.25	20.30	20.25	21.5	2.5
40	256QAM	1	1	18.29	18.33	18.30	18.5	4.5
Channel								
Frequency (MHz)				50300	50700	51100	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.53	22.69	22.50	24.0	0.0
Channel								
Frequency (MHz)				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	2512.5	2532	2537.5	24.0	0.0
Channel								
Frequency (MHz)				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	22.50	22.65	22.55	24.0	0.0
Channel								
Frequency (MHz)				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.48	22.80	22.42	24.0	0.0
Channel								
Frequency (MHz)				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	2205	2235	2265	24.0	0.0
Channel								
Frequency (MHz)				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.54	22.73	22.54	24.0	0.0



n26 Ant4 DSI 4							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.62	22.68	22.57	
20	PI/2 BPSK	1	83	22.54	22.58	22.42	24.0
20	PI/2 BPSK	1	104	22.32	22.45	22.29	
20	PI/2 BPSK	50	0	22.24	22.34	22.23	23.5
20	PI/2 BPSK	50	28	22.54	22.60	22.49	24.0
20	PI/2 BPSK	50	56	22.00	22.08	21.94	23.5
20	PI/2 BPSK	100	0	22.16	22.28	22.15	
20	QPSK	1	1	22.67	22.81	22.74	
20	QPSK	1	63	22.50	22.81	22.47	24.0
20	QPSK	1	104	22.39	22.49	22.37	
20	QPSK	50	0	21.71	21.81	21.75	23.0
20	QPSK	50	28	22.43	22.58	22.44	24.0
20	QPSK	50	56	21.42	21.58	21.42	23.0
20	QPSK	100	0	21.60	21.73	21.63	
20	16QAM	1	1	21.79	21.93	21.83	23.0
20	16QAM	1	1	20.31	20.42	20.31	21.5
20	256QAM	1	1	18.38	18.48	18.38	19.5
Channel				164300	165300	166300	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	1	22.59	22.71	22.68	24.0
Channel				163900	166300	168800	
Frequency (MHz)				810	831.5	844	
10	QPSK	1	1	22.63	22.76	22.59	24.0
Channel				163300	166300	169300	
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	1	22.56	22.70	22.65	24.0

n66 Ant4 DSI 4							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				345000	349000	353000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.71	21.79	21.67	
40	PI/2 BPSK	1	108	21.73	21.83	21.77	23.0
40	PI/2 BPSK	1	214	21.71	21.87	21.76	
40	PI/2 BPSK	108	0	21.37	21.42	21.32	22.5
40	PI/2 BPSK	108	54	21.70	21.85	21.75	23.0
40	PI/2 BPSK	108	108	21.42	21.59	21.44	22.5
40	PI/2 BPSK	216	0	21.39	21.48	21.35	
40	QPSK	1	1	21.91	21.99	21.84	
40	QPSK	1	108	21.76	21.85	21.75	23.0
40	QPSK	1	214	21.88	21.96	21.82	
40	QPSK	108	0	20.88	21.00	20.85	22.0
40	QPSK	108	54	21.74	21.87	21.75	23.0
40	QPSK	108	108	21.04	21.10	20.98	22.0
40	QPSK	216	0	20.94	20.99	20.93	
40	16QAM	1	1	21.03	21.09	20.98	22.0
40	16QAM	1	1	19.41	19.57	19.51	20.5
40	256QAM	1	1	17.43	17.56	17.41	18.5
Channel				345300	349300	353300	
Frequency (MHz)				1726	1745	1765	
30	QPSK	1	1	21.80	21.83	21.80	23.0
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	21.85	21.94	21.69	23.0
Channel				343500	349000	354500	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	21.81	21.91	21.71	23.0
Channel				343000	349000	355000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	21.80	21.84	21.77	23.0
Channel				342500	349000	355500	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	21.85	21.90	21.70	23.0



### Part27Q n78 Ant3 DSI 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				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	22.80				
100	PI/2 BPSK	1	137	23.19			24.0	0.0
100	PI/2 BPSK	1	271	22.98				
100	PI/2 BPSK	135	0	22.66			23.5	0.5
100	PI/2 BPSK	135	69	23.06			24.0	0.0
100	PI/2 BPSK	135	138	22.87			23.5	0.5
100	PI/2 BPSK	270	0	22.73				
100	QPSK	1	1	23.33				
100	QPSK	1	137	23.06			24.0	0.0
100	QPSK	1	271	23.28				
100	QPSK	135	0	22.11			23.0	1.0
100	QPSK	135	69	23.08			24.0	0.0
100	QPSK	135	138	22.26			23.0	1.0
100	QPSK	270	0	22.13				
100	16QAM	1	1	21.92			23.0	1.0
100	64QAM	1	1	20.17			21.5	2.5
100	256QAM	1	1	18.66			19.5	4.5
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	23.23	23.18	23.25	24.0	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.17	23.20	23.19	24.0	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	23.26	23.22	23.23	24.0	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	23.29	23.21	23.19	24.0	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.17	23.21	23.26	24.0	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	23.23	23.18	23.25	24.0	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	23.26	23.19	23.19	24.0	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.20	23.25	23.28	24.0	0.0



### Part27Q n78 Ant5 DSI 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				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	20.58				
100	PI/2 BPSK	1	137	20.80			22.0	0.0
100	PI/2 BPSK	1	271	20.89				
100	PI/2 BPSK	135	0	20.36			21.5	0.5
100	PI/2 BPSK	135	69	20.76			22.0	0.0
100	PI/2 BPSK	135	138	20.42			21.5	0.5
100	PI/2 BPSK	270	0	20.37				
100	QPSK	1	1	20.93				
100	QPSK	1	137	20.78			22.0	0.0
100	QPSK	1	271	20.89				
100	QPSK	135	0	19.81			21.0	1.0
100	QPSK	135	69	20.74			22.0	0.0
100	QPSK	135	138	20.01			21.0	1.0
100	QPSK	270	0	19.90				
100	16QAM	1	1	19.71			21.0	1.0
100	64QAM	1	1	17.99			19.5	2.5
100	256QAM	1	1	16.46			17.5	4.5
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
90	QPSK	1	1	20.86	20.86	20.78	22.0	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
80	QPSK	1	1	20.84	20.82	20.82	22.0	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	20.78	20.88	20.87	22.0	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.83	20.82	20.81	22.0	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	20.85	20.88	20.84	22.0	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	20.84	20.81	20.83	22.0	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.83	20.86	20.87	22.0	0.0



Part27Q n78 Ant7 DSI 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				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	19.58			21.5	0.0
100	PI/2 BPSK	1	137	19.59				
100	PI/2 BPSK	1	271	19.51				
100	PI/2 BPSK	135	0	19.59			21.5	0.0
100	PI/2 BPSK	135	69	19.56			21.5	0.0
100	PI/2 BPSK	135	138	19.66			21.5	0.0
100	PI/2 BPSK	270	0	19.54				
100	QPSK	1	1	19.94				
100	QPSK	1	137	19.82			21.5	0.0
100	QPSK	1	271	19.71				
100	QPSK	135	0	19.71			21.0	0.5
100	QPSK	135	69	19.91			21.5	0.0
100	QPSK	135	138	19.69			21.0	0.5
100	QPSK	270	0	19.73				
100	16QAM	1	1	19.78			21.0	0.5
100	64QAM	1	1	18.19			19.5	2.0
100	256QAM	1	1	16.65			17.5	4.0
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	19.79	19.81	19.78	21.5	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.81	19.86	19.88	21.5	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	19.85	19.87	19.80	21.5	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	19.85	19.79	19.81	21.5	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.85	19.86	19.79	21.5	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	19.80	19.81	19.84	21.5	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	19.77	19.81	19.82	21.5	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.77	19.82	19.77	21.5	0.0



## Part27Q n78 Ant8 DSI 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				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1		17.61			
100	PI/2 BPSK	1	137		17.53		19.4	0.0
100	PI/2 BPSK	1	271		17.52			
100	PI/2 BPSK	135	0		17.57		19.4	0.0
100	PI/2 BPSK	135	69		17.57		19.4	0.0
100	PI/2 BPSK	135	138		17.54		19.4	0.0
100	PI/2 BPSK	270	0		17.54			
100	QPSK	1	1		17.91			
100	QPSK	1	137		17.80		19.4	0.0
100	QPSK	1	271		17.71			
100	QPSK	135	0		17.70		19.4	0.0
100	QPSK	135	69		17.88		19.4	0.0
100	QPSK	135	138		17.66		19.4	0.0
100	QPSK	270	0		17.66			
100	16QAM	1	1		17.69		19.4	0.0
100	64QAM	1	1		16.53		18.5	0.9
100	256QAM	1	1		14.68		16.5	2.9
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	17.86	17.84	17.79	19.4	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.82	17.86	17.84	19.4	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	17.78	17.80	17.83	19.4	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	17.77	17.84	17.87	19.4	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.87	17.83	17.77	19.4	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	17.82	17.77	17.81	19.4	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	17.80	17.78	17.77	19.4	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.80	17.84	17.82	19.4	0.0



Reduced Power Mode for DSI6

n5 Ant0 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				168800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	22.91	23.00	22.92			
20	PI/2 BPSK	1	53	22.81	22.92	22.83	24.0	0.0	
20	PI/2 BPSK	1	104	22.63	22.75	22.60			
20	PI/2 BPSK	50	0	22.53	22.61	22.56	23.5	0.5	
20	PI/2 BPSK	50	28	22.85	22.95	22.91	24.0	0.0	
20	PI/2 BPSK	50	56	22.30	22.42	22.33			
20	PI/2 BPSK	100	0	22.42	22.56	22.51	23.5	0.5	
20	QPSK	1	1	23.13	23.17	23.09			
20	QPSK	1	53	22.90	22.98	22.83	24.0	0.0	
20	QPSK	1	104	22.73	22.82	22.66			
20	QPSK	50	0	22.05	22.11	22.05	23.0	1.0	
20	QPSK	50	28	22.84	22.94	22.88	24.0	0.0	
20	QPSK	50	56	21.78	21.89	21.84			
20	QPSK	100	0	21.94	22.00	21.94	23.0	1.0	
20	16QAM	1	1	21.94	22.10	22.03	23.0	1.0	
20	64QAM	1	1	21.06	21.18	21.12	21.5	2.5	
20	256QAM	1	1	18.92	18.98	18.87	19.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0	
15	QPSK	1	1	23.00	23.10	23.04	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.0	0.0	
10	QPSK	1	1	23.08	23.07	23.00	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0	
5	QPSK	1	1	23.02	23.02	23.03	24.0	0.0	

n26 Ant0 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				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	22.90	23.00	22.91			
20	PI/2 BPSK	1	53	22.80	22.92	22.80	24.0	0.0	
20	PI/2 BPSK	1	104	22.74	22.84	22.79			
20	PI/2 BPSK	50	0	22.49	22.65	22.57	23.5	0.5	
20	PI/2 BPSK	50	28	22.86	22.94	22.79	24.0	0.0	
20	PI/2 BPSK	50	56	22.37	22.49	22.35			
20	PI/2 BPSK	100	0	22.47	22.60	22.52	23.5	0.5	
20	QPSK	1	1	22.96	23.03	22.92			
20	QPSK	1	53	22.86	22.95	22.85	24.0	0.0	
20	QPSK	1	104	22.78	22.89	22.85			
20	QPSK	50	0	22.00	22.10	21.96	23.0	1.0	
20	QPSK	50	28	22.85	22.98	22.90	24.0	0.0	
20	QPSK	50	56	21.86	21.97	21.86			
20	QPSK	100	0	21.93	22.07	21.92	23.0	1.0	
20	16QAM	1	1	22.17	22.23	22.19	23.0	1.0	
20	64QAM	1	1	20.50	20.60	20.45	21.5	2.5	
20	256QAM	1	1	18.50	18.57	18.52	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0	
15	QPSK	1	1	22.86	22.94	22.79	24.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.0	0.0	
10	QPSK	1	1	22.89	22.95	22.84	24.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0	
5	QPSK	1	1	22.84	22.97	22.81	24.0	0.0	



### n2 Ant1 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								
Frequency (MHz)				1860	1860	1900		
20	PI2 BPSK	1	1	22.11	22.26	22.15		
20	PI2 BPSK	1	53	22.05	22.19	22.03	23.6	0.0
20	PI2 BPSK	1	164	22.09	22.17	22.07		
20	PI2 BPSK	50	0	22.05	22.20	22.09	23.6	0.0
20	PI2 BPSK	50	28	22.05	22.20	22.09	23.6	0.0
20	PI2 BPSK	50	58	21.99	22.13	21.97	23.6	0.0
20	PI2 BPSK	100	0	22.03	22.11	22.01		
20	QPSK	1	1	22.49	22.39	22.43		
20	QPSK	1	53	22.32	22.41	22.38	23.6	0.0
20	QPSK	1	104	22.29	22.33	22.26		
20	QPSK	50	0	22.09	22.20	22.15	23.0	0.6
20	QPSK	50	28	22.43	22.53	22.37	23.6	0.0
20	QPSK	50	58	22.13	22.18	22.03	23.0	0.6
20	QPSK	100	0	22.12	22.21	22.09		
20	16QAM	1	1	22.23	22.36	22.31	23.0	0.6
20	64QAM	1	1	20.53	20.68	20.63	21.5	2.1
20	256QAM	1	1	18.53	18.83	18.58	19.5	4.1
Channel								
Frequency (MHz)				37000	37000	38000	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.33	22.50	22.37	23.6	0.0
Channel								
Frequency (MHz)				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.35	22.44	22.39	23.6	0.0
Channel								
Frequency (MHz)				375000	376000	381500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.43	22.52	22.35	23.6	0.0

### n7 Ant1 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								
Frequency (MHz)				2620	2635	2650		
40	PI2 BPSK	1	1	21.22	21.45	21.30		
40	PI2 BPSK	1	108	21.21	21.31	21.18	22.6	0.0
40	PI2 BPSK	1	214	21.30	21.36	21.30		
40	PI2 BPSK	108	0	21.22	21.36	21.23	22.6	0.0
40	PI2 BPSK	108	54	21.27	21.41	21.22	22.6	0.0
40	PI2 BPSK	108	108	21.20	21.27	21.14	22.6	0.0
40	PI2 BPSK	216	0	21.22	21.28	21.16		
40	QPSK	1	1	21.86	21.74	21.80		
40	QPSK	1	108	21.51	21.61	21.54	22.6	0.0
40	QPSK	1	214	21.50	21.52	21.38		
40	QPSK	108	0	21.49	21.49	21.45	22.6	0.0
40	QPSK	108	54	21.86	21.88	21.58	22.6	0.0
40	QPSK	108	108	21.37	21.46	21.39	22.6	0.0
40	QPSK	216	0	21.41	21.43	21.33		
40	16QAM	1	1	21.45	21.57	21.45	22.6	0.0
40	64QAM	1	1	20.16	20.30	20.19	21.5	1.1
40	256QAM	1	1	18.17	18.25	18.13	19.5	3.1
Channel								
Frequency (MHz)				50500	50700	511000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	21.48	21.46	21.44	22.6	0.0
Channel								
Frequency (MHz)				502600	507000	511500	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	21.38	21.53	21.45	22.6	0.0
Channel								
Frequency (MHz)				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	21.39	21.51	21.44	22.6	0.0
Channel								
Frequency (MHz)				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	21.48	21.46	21.50	22.6	0.0
Channel								
Frequency (MHz)				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	21.40	21.58	21.52	22.6	0.0
Channel								
Frequency (MHz)				2502.5	2635	2667.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	21.41	21.51	21.43	22.6	0.0

### n66 Ant1 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								
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	21.96	22.06	22.07		
40	PI2 BPSK	1	108	21.89	22.02	21.92	23.6	0.0
40	PI2 BPSK	1	214	21.91	21.96	21.90		
40	PI2 BPSK	108	0	21.87	22.11	21.91	23.1	0.5
40	PI2 BPSK	108	54	21.92	22.10	21.97	23.6	0.0
40	PI2 BPSK	108	108	21.91	21.96	21.79	23.1	0.5
40	PI2 BPSK	216	0	21.87	21.99	21.86		
40	QPSK	1	1	22.37	22.42	22.28		
40	QPSK	1	108	22.21	22.24	22.18	23.6	0.0
40	QPSK	1	214	22.12	22.15	22.09		
40	QPSK	108	0	21.92	22.07	22.03	22.6	1.0
40	QPSK	108	54	22.29	22.39	22.24	23.6	0.0
40	QPSK	108	108	21.87	22.06	22.02	22.6	1.0
40	QPSK	216	0	21.97	22.04	21.88		
40	16QAM	1	1	21.97	22.13	22.07	22.6	1.0
40	64QAM	1	1	20.48	20.56	20.47	21.1	2.5
40	256QAM	1	1	18.42	18.50	18.41	19.1	4.5
Channel								
Frequency (MHz)				34500	34500	35000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.13	22.11	22.04	23.6	0.0
Channel								
Frequency (MHz)				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	22.08	22.12	21.93	23.6	0.0
Channel								
Frequency (MHz)				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.10	22.15	22.04	23.6	0.0
Channel								
Frequency (MHz)				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.15	22.16	22.00	23.6	0.0
Channel								
Frequency (MHz)				342600	349000	355500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.09	22.22	21.99	23.6	0.0





n38 Ant1 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				519004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	21.55	21.82	21.62	23.2	0.0	
40	PI/2 BPSK	1	53	21.43	21.65	21.53			
40	PI/2 BPSK	1	104	21.53	21.65	21.51			
40	PI/2 BPSK	50	0	21.50	21.68	21.56	23.2	0.0	
40	PI/2 BPSK	50	28	21.55	21.68	21.53	23.2	0.0	
40	PI/2 BPSK	50	56	21.41	21.62	21.36	23.2	0.0	
40	PI/2 BPSK	100	0	21.50	21.64	21.49			
40	QPSK	1	1	22.03	22.06	21.97	23.2	0.0	
40	QPSK	1	53	21.81	21.82	21.82			
40	QPSK	1	104	21.72	21.81	21.88			
40	QPSK	50	0	21.84	21.95	21.80	23.0	0.2	
40	QPSK	50	28	21.83	21.99	21.78	23.2	0.0	
40	QPSK	50	56	21.90	21.94	21.80			
40	QPSK	100	0	21.86	21.90	21.89	23.0	0.2	
40	16QAM	1	1	21.83	21.97	21.85	23.0	0.2	
40	64QAM	1	1	20.71	20.81	20.75	21.5	1.7	
40	256QAM	1	1	18.61	18.70	18.66	19.5	3.7	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	21.71	21.80	21.70	23.2	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	21.67	21.89	21.69	23.2	0.0	

n41 Ant1 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	PI/2 BPSK	1	1	21.52	21.78	21.59	23.2	0.0	
100	PI/2 BPSK	1	137	21.46	21.62	21.56			
100	PI/2 BPSK	1	271	21.54	21.66	21.55			
100	PI/2 BPSK	135	0	21.56	21.64	21.60	23.2	0.0	
100	PI/2 BPSK	135	69	21.51	21.69	21.52	23.2	0.0	
100	PI/2 BPSK	135	138	21.46	21.66	21.41	23.2	0.0	
100	PI/2 BPSK	270	0	21.46	21.59	21.53			
100	QPSK	1	1	21.97	22.01	21.96	23.2	0.0	
100	QPSK	1	137	21.84	21.84	21.84			
100	QPSK	1	271	21.70	21.81	21.87			
100	QPSK	135	0	21.71	21.79	21.67	23.0	0.2	
100	QPSK	135	69	21.87	21.94	21.83	23.2	0.0	
100	QPSK	135	138	21.75	21.86	21.80			
100	QPSK	270	0	21.77	21.87	21.80	23.0	0.2	
100	16QAM	1	1	21.68	21.79	21.70	23.0	0.2	
100	64QAM	1	1	20.26	20.41	20.35	21.5	1.7	
100	256QAM	1	1	18.28	18.36	18.25	19.5	3.7	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	21.73	21.83	21.75	23.2	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	21.78	21.87	21.73	23.2	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	21.73	21.80	21.72	23.2	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	21.72	21.87	21.76	23.2	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	21.73	21.85	21.81	23.2	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	21.77	21.86	21.71	23.2	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	21.72	21.84	21.78	23.2	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	21.77	21.86	21.80	23.2	0.0	



## Part27Q n78 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					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		18.14			
100	Pi/2 BPSK	1	137		18.14		19.4	0.0
100	Pi/2 BPSK	1	271		18.12			
100	Pi/2 BPSK	135	0		18.06		19.4	0.0
100	Pi/2 BPSK	135	69		18.14		19.4	0.0
100	Pi/2 BPSK	135	138		18.10		19.4	0.0
100	Pi/2 BPSK	270	0		18.03			
100	QPSK	1	1		18.51			
100	QPSK	1	137		18.32		19.4	0.0
100	QPSK	1	271		18.29			
100	QPSK	135	0		18.33		19.4	0.0
100	QPSK	135	69		18.46		19.4	0.0
100	QPSK	135	138		18.23		19.4	0.0
100	QPSK	270	0		18.22			
100	16QAM	1	1		18.22		19.4	0.0
100	64QAM	1	1		18.24		19.4	0.0
100	256QAM	1	1		18.15		19.4	0.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	18.47	18.38	18.36	19.4	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.41	18.46	18.39	19.4	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	18.38	18.36	18.42	19.4	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	18.42	18.40	18.43	19.4	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.40	18.41	18.45	19.4	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	18.36	18.37	18.43	19.4	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	18.40	18.41	18.40	19.4	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.45	18.44	18.47	19.4	0.0



### n2 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)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1860	1900		
20	PI2 BPSK	1	1	20.35	20.53	20.42		
20	PI2 BPSK	1	53	20.32	20.51	20.33	21.7	0.0
20	PI2 BPSK	1	104	20.40	20.38	20.31		
20	PI2 BPSK	50	0	20.38	20.47	20.31	21.7	0.0
20	PI2 BPSK	50	28	20.35	20.46	20.41	21.7	0.0
20	PI2 BPSK	50	58	20.25	20.38	20.19	21.7	0.0
20	PI2 BPSK	100	0	20.27	20.43	20.22		
20	QPSK	1	1	20.72	20.60	20.66		
20	QPSK	1	53	20.57	20.72	20.63	21.7	0.0
20	QPSK	1	104	20.53	20.55	20.54		
20	QPSK	50	0	20.58	20.64	20.58	21.7	0.0
20	QPSK	50	28	20.66	20.75	20.70	21.7	0.0
20	QPSK	50	58	20.59	20.64	20.54	21.7	0.0
20	QPSK	100	0	20.60	20.65	20.61		
20	16QAM	1	1	20.63	20.71	20.64	21.7	0.0
20	16QAM	1	1	19.38	19.47	19.41	20.5	1.2
20	256QAM	1	1	17.36	17.48	17.41	18.5	3.2
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1860	1902.5		
15	QPSK	1	1	20.56	20.58	20.62	21.7	0.0
Channel				371000	376000	381000		
Frequency (MHz)				1855	1860	1905		
10	QPSK	1	1	20.50	20.64	20.61	21.7	0.0
Channel				375500	376000	381500		
Frequency (MHz)				1852.5	1860	1907.5		
5	QPSK	1	1	20.56	20.61	20.59	21.7	0.0

### n5 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)
Channel				166800	167200	167600		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	22.57	22.88	22.59		
20	PI2 BPSK	1	53	22.40	22.49	22.35	23.0	0.0
20	PI2 BPSK	1	104	22.20	22.31	22.28		
20	PI2 BPSK	50	0	22.18	22.23	22.13	22.5	0.5
20	PI2 BPSK	50	28	22.35	22.49	22.39	23.0	0.0
20	PI2 BPSK	50	58	21.95	22.04	21.95	22.5	0.5
20	PI2 BPSK	100	0	21.77	21.93	21.79		
20	QPSK	1	1	22.72	22.77	22.65		
20	QPSK	1	53	22.40	22.47	22.40	23.0	0.0
20	QPSK	1	104	22.25	22.29	22.21		
20	QPSK	50	0	21.55	21.69	21.61	22.0	1.0
20	QPSK	50	28	22.43	22.51	22.41	23.0	0.0
20	QPSK	50	58	21.32	21.46	21.38	22.0	1.0
20	QPSK	100	0	21.51	21.61	21.57		
20	16QAM	1	1	21.77	21.92	21.83	22.0	1.0
20	16QAM	1	1	19.93	20.03	19.91	20.5	2.5
20	256QAM	1	1	18.32	18.47	18.36	18.5	4.5
Channel				165300	167000	168300		
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.60	22.71	22.52	23.0	0.0
Channel				165800	167300	168800		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.56	22.62	22.50	23.0	0.0
Channel				165300	167000	169300		
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.64	22.66	22.57	23.0	0.0

### n7 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)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	20.12	20.27	20.07		
40	PI2 BPSK	1	108	20.02	20.16	19.95	21.9	0.0
40	PI2 BPSK	1	214	20.00	20.11	20.00		
40	PI2 BPSK	108	0	20.03	20.14	20.08	21.9	0.0
40	PI2 BPSK	108	54	20.02	20.18	20.09	21.9	0.0
40	PI2 BPSK	108	108	19.95	20.06	19.96	21.9	0.0
40	PI2 BPSK	216	0	20.00	20.13	19.99		
40	QPSK	1	1	20.44	20.61	20.40		
40	QPSK	1	108	20.33	20.38	20.37	21.9	0.0
40	QPSK	1	214	20.28	20.29	20.27		
40	QPSK	108	0	20.23	20.33	20.26	21.9	0.0
40	QPSK	108	54	20.48	20.47	20.31	21.9	0.0
40	QPSK	108	108	20.22	20.21	20.17	21.9	0.0
40	QPSK	216	0	20.25	20.27	20.14		
40	16QAM	1	1	20.25	20.38	20.24	21.9	0.0
40	16QAM	1	1	20.25	20.30	20.25	21.9	0.0
40	256QAM	1	1	18.79	18.83	18.80	21.7	0.2
Channel				503000	507000	511000		
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.19	20.32	20.27	21.9	0.0
Channel				502500	507000	511500		
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.18	20.29	20.27	21.9	0.0
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.23	20.37	20.31	21.9	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.18	20.28	20.28	21.9	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.27	20.38	20.32	21.9	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.21	20.37	20.23	21.9	0.0



n26 Ant4 DSI 6							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.62	22.68	22.57	
20	PI/2 BPSK	1	83	22.54	22.58	22.42	24.0
20	PI/2 BPSK	1	104	22.32	22.45	22.29	
20	PI/2 BPSK	50	0	22.24	22.34	22.23	23.5
20	PI/2 BPSK	50	28	22.54	22.60	22.49	24.0
20	PI/2 BPSK	50	56	22.00	22.08	21.94	23.5
20	PI/2 BPSK	100	0	22.16	22.28	22.15	
20	QPSK	1	1	22.67	22.81	22.74	
20	QPSK	1	63	22.50	22.81	22.47	24.0
20	QPSK	1	104	22.39	22.49	22.37	
20	QPSK	50	0	21.71	21.81	21.75	23.0
20	QPSK	50	28	22.43	22.58	22.44	24.0
20	QPSK	50	56	21.42	21.58	21.42	23.0
20	QPSK	100	0	21.60	21.73	21.63	
20	16QAM	1	1	21.79	21.93	21.83	23.0
20	16QAM	1	1	20.31	20.42	20.31	21.5
20	256QAM	1	1	18.38	18.48	18.38	19.5
Channel				164300	165300	166300	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	1	22.59	22.71	22.68	24.0
Channel				163800	166300	168800	
Frequency (MHz)				815	831.5	844	
10	QPSK	1	1	22.63	22.76	22.59	24.0
Channel				163300	166300	169300	
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	1	22.56	22.70	22.65	24.0

n66 Ant4 DSI 6							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				345000	349000	353000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.01	19.12	19.05	
40	PI/2 BPSK	1	108	18.98	19.09	18.94	20.3
40	PI/2 BPSK	1	214	18.92	19.00	18.95	
40	PI/2 BPSK	108	0	18.97	19.09	18.98	20.3
40	PI/2 BPSK	108	54	18.87	19.04	18.97	20.3
40	PI/2 BPSK	108	108	18.86	19.00	18.88	20.3
40	PI/2 BPSK	216	0	18.84	18.96	18.91	
40	QPSK	1	1	19.38	19.48	19.25	
40	QPSK	1	108	19.17	19.34	19.24	20.3
40	QPSK	1	214	19.11	19.21	19.08	
40	QPSK	108	0	19.19	19.18	19.15	20.3
40	QPSK	108	54	19.28	19.44	19.20	20.3
40	QPSK	108	108	19.13	19.12	19.08	20.3
40	QPSK	216	0	19.07	19.17	19.00	
40	16QAM	1	1	19.13	19.16	19.15	20.3
40	16QAM	1	1	19.24	19.43	19.25	20.3
40	256QAM	1	1	17.43	17.56	17.41	18.5
Channel				345500	349500	353500	
Frequency (MHz)				1725	1745	1765	
30	QPSK	1	1	19.27	19.40	19.28	20.3
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	19.36	19.42	19.30	20.3
Channel				343500	349500	354500	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	19.34	19.37	19.26	20.3
Channel				343000	349000	355000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	19.35	19.44	19.29	20.3
Channel				342500	349500	355500	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	19.25	19.39	19.25	20.3



Part27Q n78 Ant5 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	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	16.43				
100	PI/2 BPSK	1	137	16.39			18.2	0.0
100	PI/2 BPSK	1	271	16.33				
100	PI/2 BPSK	135	0	16.38			18.2	0.0
100	PI/2 BPSK	135	69	16.37			18.2	0.0
100	PI/2 BPSK	135	138	16.29			18.2	0.0
100	PI/2 BPSK	270	0	16.34				
100	QPSK	1	1	16.81				
100	QPSK	1	137	16.59			18.2	0.0
100	QPSK	1	271	16.48				
100	QPSK	135	0	16.52			18.2	0.0
100	QPSK	135	69	16.74			18.2	0.0
100	QPSK	135	138	16.50			18.2	0.0
100	QPSK	270	0	16.47			18.2	0.0
100	16QAM	1	1	16.56			18.2	0.0
100	64QAM	1	1	16.55			18.2	0.0
100	256QAM	1	1	16.46			17.5	0.7
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	16.77	16.65	16.72	18.2	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.65	16.69	16.68	18.2	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	16.78	16.74	16.70	18.2	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	16.76	16.71	16.67	18.2	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.65	16.66	16.76	18.2	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	16.70	16.76	16.74	18.2	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	16.66	16.71	16.68	18.2	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.67	16.73	16.75	18.2	0.0



Part27Q n78 Ant7 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	633332	633668			
Frequency (MHz)				3495	3499.98	3505.02			
100	PI/2 BPSK	1	1		19.58				
100	PI/2 BPSK	1	137		19.59		21.5	0.0	
100	PI/2 BPSK	1	271		19.51				
100	PI/2 BPSK	135	0		19.59		21.5	0.0	
100	PI/2 BPSK	135	69		19.56		21.5	0.0	
100	PI/2 BPSK	135	138		19.66		21.5	0.0	
100	PI/2 BPSK	270	0		19.54				
100	QPSK	1	1		19.94				
100	QPSK	1	137		19.82		21.5	0.0	
100	QPSK	1	271		19.71				
100	QPSK	135	0		19.71		21.0	0.5	
100	QPSK	135	69		19.91		21.5	0.0	
100	QPSK	135	138		19.69		21.0	0.5	
100	QPSK	270	0		19.73				
100	16QAM	1	1		19.78		21.0	0.5	
100	64QAM	1	1		18.19		19.5	2.0	
100	256QAM	1	1		16.65		17.5	4.0	
Channel				633000	633332	633668			
Frequency (MHz)				3495	3499.98	3505.02			
90	QPSK	1	1		19.79	19.81	19.78	21.5	0.0
Channel				632668	633332	634000			
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1		19.81	19.86	19.88	21.5	0.0
Channel				632334	633332	634334			
Frequency (MHz)				3485.01	3499.98	3515.01			
70	QPSK	1	1		19.85	19.87	19.89	21.5	0.0
Channel				632000	633332	634668			
Frequency (MHz)				3480	3499.98	3520.02			
60	QPSK	1	1		19.85	19.79	19.81	21.5	0.0
Channel				631668	633332	635000			
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1		19.85	19.86	19.79	21.5	0.0
Channel				631334	633332	635334			
Frequency (MHz)				3470.01	3499.98	3530.01			
40	QPSK	1	1		19.80	19.81	19.84	21.5	0.0
Channel				631000	633332	635668			
Frequency (MHz)				3465	3499.98	3535.02			
30	QPSK	1	1		19.77	19.81	19.82	21.5	0.0
Channel				630668	633332	636000			
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1		19.77	19.82	19.77	21.5	0.0



Part27Q n78 Ant8 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	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1		17.61			
100	PI/2 BPSK	1	137		17.53		19.4	0.0
100	PI/2 BPSK	1	271		17.52			
100	PI/2 BPSK	135	0		17.57		19.4	0.0
100	PI/2 BPSK	135	69		17.57		19.4	0.0
100	PI/2 BPSK	135	138		17.54		19.4	0.0
100	PI/2 BPSK	270	0		17.54			
100	QPSK	1	1		17.91			
100	QPSK	1	137		17.80		19.4	0.0
100	QPSK	1	271		17.71			
100	QPSK	135	0		17.70		19.4	0.0
100	QPSK	135	69		17.88		19.4	0.0
100	QPSK	135	138		17.66		19.4	0.0
100	QPSK	270	0		17.66			
100	16QAM	1	1		17.69		19.4	0.0
100	64QAM	1	1		16.53		18.5	0.9
100	256QAM	1	1		14.68		16.5	2.9
Channel				633000	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	17.86	17.84	17.79	19.4	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.82	17.86	17.84	19.4	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	17.78	17.80	17.83	19.4	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	17.77	17.84	17.87	19.4	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.87	17.83	17.77	19.4	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	17.82	17.77	17.81	19.4	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	17.80	17.78	17.77	19.4	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.80	17.84	17.82	19.4	0.0



Reduced Power Mode for DSI7

n5 Ant0 DSI 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. Freq.	Middle Ch. Freq.	High Ch. Freq.			
Channel				168800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	Pi/2 BPSK	1	1	22.91	23.00	22.92	24.0	0.0	
20	Pi/2 BPSK	1	53	22.81	22.92	22.83			
20	Pi/2 BPSK	1	104	22.63	22.75	22.60			
20	Pi/2 BPSK	50	0	22.53	22.61	22.56	23.5	0.5	
20	Pi/2 BPSK	50	28	22.85	22.95	22.91	24.0	0.0	
20	Pi/2 BPSK	50	56	22.30	22.42	22.33	23.5	0.5	
20	Pi/2 BPSK	100	0	22.42	22.56	22.51			
20	QPSK	1	1	23.13	23.17	23.09			
20	QPSK	1	53	22.90	22.98	22.83	24.0	0.0	
20	QPSK	1	104	22.73	22.82	22.66	23.0	1.0	
20	QPSK	50	0	22.05	22.11	22.05			
20	QPSK	50	28	22.84	22.94	22.88			
20	QPSK	50	56	21.78	21.89	21.84	23.0	1.0	
20	QPSK	100	0	21.94	22.00	21.94			
20	16QAM	1	1	21.94	22.10	22.03			
20	64QAM	1	1	21.06	21.18	21.12	21.5	2.5	
20	256QAM	1	1	18.92	18.98	18.87	19.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0	
15	QPSK	1	1	23.00	23.10	23.04	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.0	0.0	
10	QPSK	1	1	23.08	23.07	23.00	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0	
5	QPSK	1	1	23.02	23.02	23.03	24.0	0.0	

n26 Ant0 DSI 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. Freq.	Middle Ch. Freq.	High Ch. Freq.			
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	Pi/2 BPSK	1	1	22.90	23.00	22.91	24.0	0.0	
20	Pi/2 BPSK	1	53	22.80	22.92	22.80			
20	Pi/2 BPSK	1	104	22.74	22.84	22.79			
20	Pi/2 BPSK	50	0	22.49	22.65	22.57	23.5	0.5	
20	Pi/2 BPSK	50	28	22.86	22.94	22.79	24.0	0.0	
20	Pi/2 BPSK	50	56	22.37	22.49	22.35	23.5	0.5	
20	Pi/2 BPSK	100	0	22.47	22.60	22.52			
20	QPSK	1	1	22.96	23.03	22.92			
20	QPSK	1	53	22.86	22.95	22.85	24.0	0.0	
20	QPSK	1	104	22.78	22.89	22.85	23.0	1.0	
20	QPSK	50	0	22.00	22.10	21.96			
20	QPSK	50	28	22.85	22.98	22.90			
20	QPSK	50	56	21.86	21.97	21.86	23.0	1.0	
20	QPSK	100	0	21.93	22.07	21.92			
20	16QAM	1	1	22.17	22.23	22.19			
20	64QAM	1	1	20.50	20.60	20.45	21.5	2.5	
20	256QAM	1	1	18.50	18.57	18.52	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0	
15	QPSK	1	1	22.86	22.94	22.79	24.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.0	0.0	
10	QPSK	1	1	22.89	22.95	22.84	24.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0	
5	QPSK	1	1	22.84	22.97	22.81	24.0	0.0	





n2 Ant1 DSI 7									
BW (MHz)	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	PI2 BPSK	1	1	19.35	19.54	19.44			
20	PI2 BPSK	1	53	19.35	19.41	19.34	21.0	0.0	
20	PI2 BPSK	1	104	19.33	19.49	19.35			
20	PI2 BPSK	50	0	19.36	19.48	19.32	21.0	0.0	
20	PI2 BPSK	50	28	19.32	19.43	19.39	21.0	0.0	
20	PI2 BPSK	50	58	19.24	19.42	19.26	21.0	0.0	
20	PI2 BPSK	100	0	19.31	19.38	19.30			
20	QPSK	1	1	19.82	19.85	19.86			
20	QPSK	1	53	19.56	19.72	19.68	21.0	0.0	
20	QPSK	1	104	19.56	19.64	19.48			
20	QPSK	50	0	19.58	19.61	19.61	21.0	0.0	
20	QPSK	50	28	19.71	19.84	19.66	21.0	0.0	
20	QPSK	50	58	19.50	19.52	19.53			
20	QPSK	100	0	19.54	19.55	19.37	21.0	0.0	
20	16QAM	1	1	19.51	19.57	19.56	21.0	0.0	
20	16QAM	1	1	19.48	19.51	19.42	21.0	0.0	
20	256QAM	1	1	19.20	19.30	19.25	19.5	1.5	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	19.53	19.49	19.47	21.0	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	19.50	19.49	19.50	21.0	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	19.44	19.58	19.46	21.0	0.0	

n7 Ant1 DSI 7									
BW (MHz)	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	510000			
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	19.31	19.48	19.40			
40	PI2 BPSK	1	108	19.32	19.50	19.25	20.7	0.0	
40	PI2 BPSK	1	214	19.33	19.39	19.32			
40	PI2 BPSK	108	0	19.28	19.40	19.30	20.7	0.0	
40	PI2 BPSK	108	54	19.32	19.45	19.32	20.7	0.0	
40	PI2 BPSK	108	108	19.29	19.34	19.27	20.7	0.0	
40	PI2 BPSK	216	0	19.27	19.35	19.26			
40	QPSK	1	1	19.74	19.78	19.64			
40	QPSK	1	108	19.54	19.68	19.65	20.7	0.0	
40	QPSK	1	214	19.49	19.58	19.55			
40	QPSK	108	0	19.46	19.65	19.52	20.7	0.0	
40	QPSK	108	54	19.64	19.77	19.59	20.7	0.0	
40	QPSK	108	108	19.43	19.57	19.46	20.7	0.0	
40	QPSK	216	0	19.42	19.60	19.31			
40	16QAM	1	1	19.50	19.65	19.59	20.7	0.0	
40	16QAM	1	1	19.44	19.52	19.47	20.7	0.0	
40	256QAM	1	1	18.17	18.25	18.13	19.5	1.2	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	19.49	19.48	19.46	20.7	0.0	
Channel				502000	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	19.51	19.47	19.43	20.7	0.0	
Channel				501000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	19.44	19.51	19.42	20.7	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	19.51	19.50	19.49	20.7	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	19.49	19.55	19.47	20.7	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	19.50	19.53	19.50	20.7	0.0	

n66 Ant1 DSI 7									
BW (MHz)	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	353000			
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	18.53	18.69	18.53			
40	PI2 BPSK	1	108	18.48	18.52	18.35	20.0	0.0	
40	PI2 BPSK	1	214	18.46	18.46	18.45			
40	PI2 BPSK	108	0	18.45	18.58	18.50	20.0	0.0	
40	PI2 BPSK	108	54	18.44	18.58	18.50	20.0	0.0	
40	PI2 BPSK	108	108	18.37	18.51	18.32	20.0	0.0	
40	PI2 BPSK	216	0	18.39	18.51	18.38			
40	QPSK	1	1	18.84	18.96	18.80			
40	QPSK	1	108	18.85	19.81	18.79	20.0	0.0	
40	QPSK	1	214	18.61	18.73	18.60			
40	QPSK	108	0	18.68	18.67	18.69	20.0	0.0	
40	QPSK	108	54	18.79	18.92	18.76	20.0	0.0	
40	QPSK	108	108	18.62	18.66	18.61	20.0	0.0	
40	QPSK	216	0	18.57	18.71	18.48			
40	16QAM	1	1	18.60	18.74	18.66	20.0	0.0	
40	16QAM	1	1	18.62	18.69	18.58	20.0	0.0	
40	256QAM	1	1	18.42	18.50	18.41	19.5	0.5	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	18.60	18.67	18.63	20.0	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	18.59	18.66	18.53	20.0	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	18.54	18.62	18.53	20.0	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	18.61	18.64	18.62	20.0	0.0	
Channel				342600	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	18.54	18.68	18.50	20.0	0.0	



n38 Ant1 DSI 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				519004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	20.19	20.28	20.15	21.5	0.0	
40	PI/2 BPSK	1	53	20.07	20.17	20.05			
40	PI/2 BPSK	1	104	20.08	20.19	20.10			
40	PI/2 BPSK	50	0	19.97	20.07	20.02	21.5	0.0	
40	PI/2 BPSK	50	28	19.96	20.18	19.97	21.5	0.0	
40	PI/2 BPSK	50	56	19.90	20.14	19.96	21.5	0.0	
40	PI/2 BPSK	100	0	20.01	19.99	20.07			
40	QPSK	1	1	20.44	20.47	20.42	21.5	0.0	
40	QPSK	1	53	20.26	20.31	20.32			
40	QPSK	1	104	20.23	20.27	20.16			
40	QPSK	50	0	20.27	20.29	20.22	21.5	0.0	
40	QPSK	50	28	20.35	20.48	20.33	21.5	0.0	
40	QPSK	50	56	20.18	20.27	20.17	21.5	0.0	
40	QPSK	100	0	20.19	20.28	20.18			
40	16QAM	1	1	20.17	20.29	20.30	21.5	0.0	
40	64QAM	1	1	20.41	20.41	20.45	21.5	0.0	
40	256QAM	1	1	18.61	18.70	18.66	19.5	2.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	20.14	20.22	20.09	21.5	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	20.03	20.16	19.99	21.5	0.0	

n41 Ant1 DSI 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	20.14	20.23	20.13	21.5	0.0	
100	PI/2 BPSK	1	137	20.07	20.18	20.05			
100	PI/2 BPSK	1	271	20.03	20.18	20.08			
100	PI/2 BPSK	135	0	19.97	20.12	20.02	21.5	0.0	
100	PI/2 BPSK	135	69	19.97	20.19	20.03	21.5	0.0	
100	PI/2 BPSK	135	138	19.90	20.15	19.85	21.5	0.0	
100	PI/2 BPSK	270	0	20.04	20.04	20.03			
100	QPSK	1	1	20.47	20.50	20.44	21.5	0.0	
100	QPSK	1	137	20.27	20.34	20.33			
100	QPSK	1	271	20.22	20.26	20.21			
100	QPSK	135	0	20.27	20.31	20.24	21.5	0.0	
100	QPSK	135	69	20.37	20.51	20.36	21.5	0.0	
100	QPSK	135	138	20.16	20.25	20.13	21.5	0.0	
100	QPSK	270	0	20.19	20.28	20.13			
100	16QAM	1	1	20.18	20.30	20.29	21.5	0.0	
100	64QAM	1	1	20.26	20.41	20.35	21.5	0.0	
100	256QAM	1	1	18.28	18.36	18.25	19.5	2.0	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	20.18	20.34	20.21	21.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	20.28	20.30	20.24	21.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	20.20	20.29	20.29	21.5	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	20.20	20.34	20.31	21.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	20.27	20.35	20.29	21.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	20.28	20.34	20.29	21.5	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	20.21	20.33	20.31	21.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	20.26	20.27	20.26	21.5	0.0	



n2 Ant4 DSI 7									
BW (MHz)	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	PI2 BPSK	1	1	14.94	15.17	15.07			
20	PI2 BPSK	1	53	14.93	15.05	14.96	16.3	0.0	
20	PI2 BPSK	1	104	14.96	15.09	14.93			
20	PI2 BPSK	50	0	14.94	15.02	14.91	16.3	0.0	
20	PI2 BPSK	50	28	14.87	15.10	14.91	16.3	0.0	
20	PI2 BPSK	50	58	14.92	15.00	14.85	16.3	0.0	
20	PI2 BPSK	100	0	14.85	15.02	14.88			
20	QPSK	1	1	15.40	15.48	15.26			
20	QPSK	1	53	15.15	15.25	15.19	16.3	0.0	
20	QPSK	1	104	15.20	15.21	15.13			
20	QPSK	50	0	15.18	15.19	15.13	16.3	0.0	
20	QPSK	50	28	15.26	15.44	15.25	16.3	0.0	
20	QPSK	50	58	15.07	15.08	15.10			
20	QPSK	100	0	15.11	15.22	14.93	16.3	0.0	
20	16QAM	1	1	15.18	15.24	15.14	16.3	0.0	
20	16QAM	1	1	15.11	15.09	15.03	16.3	0.0	
20	256QAM	1	1	15.06	15.18	15.06	16.3	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	15.13	15.13	15.03	16.3	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	15.06	15.13	15.02	16.3	0.0	
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	15.08	15.12	15.05	16.3	0.0	

n5 Ant4 DSI 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166500	167000	167500			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	19.59	19.80	19.54			
20	PI2 BPSK	1	53	19.54	19.69	19.52	21.2	0.0	
20	PI2 BPSK	1	104	19.61	19.68	19.63			
20	PI2 BPSK	50	0	19.47	19.56	19.48	21.2	0.0	
20	PI2 BPSK	50	28	19.48	19.65	19.56	21.2	0.0	
20	PI2 BPSK	50	58	19.44	19.64	19.44	21.2	0.0	
20	PI2 BPSK	100	0	19.49	19.64	19.41			
20	QPSK	1	1	20.00	20.07	19.98			
20	QPSK	1	53	19.85	19.87	19.90	21.2	0.0	
20	QPSK	1	104	19.68	19.71	19.67			
20	QPSK	50	0	19.84	19.86	19.73	21.2	0.0	
20	QPSK	50	28	19.84	19.98	19.81	21.2	0.0	
20	QPSK	50	58	19.85	19.70	19.67	21.2	0.0	
20	QPSK	100	0	19.75	19.79	19.64			
20	16QAM	1	1	19.77	19.83	19.78	21.2	0.0	
20	16QAM	1	1	19.93	20.03	19.91	21.2	0.0	
20	256QAM	1	1	18.32	18.47	18.36	19.5	1.7	
Channel				165300	167000	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	19.78	19.78	19.66	21.2	0.0	
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				820	836.5	844			
10	QPSK	1	1	19.70	19.80	19.66	21.2	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	19.68	19.81	19.80	21.2	0.0	

n7 Ant4 DSI 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	15.95	16.12	16.02			
40	PI2 BPSK	1	108	15.90	16.09	15.94	17.5	0.0	
40	PI2 BPSK	1	214	15.92	16.00	15.91			
40	PI2 BPSK	108	0	15.89	16.12	15.96	17.5	0.0	
40	PI2 BPSK	108	54	15.93	16.02	15.95	17.5	0.0	
40	PI2 BPSK	108	108	15.82	15.96	15.80	17.5	0.0	
40	PI2 BPSK	216	0	15.94	16.01	15.85			
40	QPSK	1	1	16.37	16.51	16.28			
40	QPSK	1	108	16.23	16.30	16.27	17.5	0.0	
40	QPSK	1	214	16.11	16.21	16.11			
40	QPSK	108	0	16.11	16.22	16.13	17.5	0.0	
40	QPSK	108	54	16.30	16.35	16.23	17.5	0.0	
40	QPSK	108	108	16.09	16.09	16.03			
40	QPSK	216	0	16.04	16.17	15.93	17.5	0.0	
40	16QAM	1	1	16.11	16.28	16.14	17.5	0.0	
40	16QAM	1	1	16.11	16.15	16.09	17.5	0.0	
40	256QAM	1	1	16.18	16.18	16.02	17.5	0.0	
Channel				503000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	16.19	16.27	16.20	17.5	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	16.14	16.20	16.16	17.5	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	16.17	16.22	16.12	17.5	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	16.14	16.21	16.15	17.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	16.19	16.26	16.20	17.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	16.18	16.19	16.23	17.5	0.0	



n26 Ant4 DSI 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)	
Channel				164900	166300	167900			
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	19.65	19.87	19.86			
20	PI/2 BPSK	1	83	19.59	19.75	19.57	21.2	0.0	
20	PI/2 BPSK	1	104	19.87	19.76	19.70			
20	PI/2 BPSK	50	0	19.58	19.72	19.82	21.2	0.0	
20	PI/2 BPSK	50	28	19.56	19.74	19.68	21.2	0.0	
20	PI/2 BPSK	50	56	19.58	19.74	19.57	21.2	0.0	
20	PI/2 BPSK	100	0	19.63	19.69	19.54			
20	QPSK	1	1	20.12	20.18	19.95			
20	QPSK	1	53	19.91	19.98	19.98	21.2	0.0	
20	QPSK	1	104	19.83	19.85	19.81			
20	QPSK	50	0	19.88	19.88	19.85	21.2	0.0	
20	QPSK	50	28	19.95	20.13	19.92	21.2	0.0	
20	QPSK	50	56	19.74	19.81	19.77			
20	QPSK	100	0	19.83	19.88	19.74	21.2	0.0	
20	16QAM	1	1	19.83	19.96	19.85	21.2	0.0	
20	16QAM	1	1	19.79	19.78	19.79	21.2	0.0	
20	256QAM	1	1	18.38	18.48	18.38	19.5	1.7	
Channel				164300	166300	168300			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	19.79	19.82	19.81	21.2	0.0	
Channel				163900	166300	168800			
Frequency (MHz)				817	831.5	844			
10	QPSK	1	1	19.25	19.37	19.77	21.2	0.0	
Channel				163300	166300	169300			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	19.74	19.82	19.81	21.2	0.0	

n66 Ant4 DSI 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)	
Channel				345900	349900	352900			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	14.14	14.20	14.16			
40	PI/2 BPSK	1	108	14.00	14.12	13.97	15.3	0.0	
40	PI/2 BPSK	1	214	14.07	14.14	14.04			
40	PI/2 BPSK	108	0	13.98	14.36	14.11	15.3	0.0	
40	PI/2 BPSK	108	54	14.01	14.17	14.09	15.3	0.0	
40	PI/2 BPSK	108	108	13.97	14.15	13.99	15.3	0.0	
40	PI/2 BPSK	216	0	13.99	14.12	14.02			
40	QPSK	1	1	14.47	14.83	14.45			
40	QPSK	1	108	14.34	14.38	14.28	15.3	0.0	
40	QPSK	1	214	14.27	14.26	14.27			
40	QPSK	108	0	14.26	14.34	14.32	15.3	0.0	
40	QPSK	108	54	14.36	14.47	14.33	15.3	0.0	
40	QPSK	108	108	14.24	14.23	14.14			
40	QPSK	216	0	14.16	14.23	14.13	15.3	0.0	
40	16QAM	1	1	14.28	14.28	14.29	15.3	0.0	
40	16QAM	1	1	14.18	14.18	14.21	15.3	0.0	
40	256QAM	1	1	14.21	14.23	14.18	15.3	0.0	
Channel				345300	349900	353600			
Frequency (MHz)				1726	1745	1765			
30	QPSK	1	1	14.17	14.26	14.17	15.3	0.0	
Channel				344000	349900	354000			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	14.26	14.23	14.14	15.3	0.0	
Channel				343500	349900	354500			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	14.23	14.25	14.18	15.3	0.0	
Channel				343000	349900	355000			
Frequency (MHz)				1716	1745	1775			
10	QPSK	1	1	14.24	14.24	14.14	15.3	0.0	
Channel				342500	349900	355500			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	14.16	14.26	14.20	15.3	0.0	



Part27Q n78 Ant3 DSI 7								
BW [MHz]	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	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	12.03	12.12	12.09	13.4	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.02	12.07	12.06	13.4	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	12.10	12.02	12.05	13.4	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	12.05	12.07	12.01	13.4	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.11	12.07	12.10	13.4	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	12.04	12.01	12.07	13.4	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	12.09	12.07	12.01	13.4	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.05	12.04	12.03	13.4	0.0



## Part27Q n78 Ant5 DSI 7

BW [MHz]	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	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1		10.58			
100	PI/2 BPSK	1	137		10.61		12.5	0.0
100	PI/2 BPSK	1	271		10.56			
100	PI/2 BPSK	135	0		10.61		12.5	0.0
100	PI/2 BPSK	135	69		10.59		12.5	0.0
100	PI/2 BPSK	135	138		10.54		12.5	0.0
100	PI/2 BPSK	270	0		10.53			
100	QPSK	1	1		10.99			
100	QPSK	1	137		10.73		12.5	0.0
100	QPSK	1	271		10.67			
100	QPSK	135	0		10.68		12.5	0.0
100	QPSK	135	69		10.95		12.5	0.0
100	QPSK	135	138		10.62		12.5	0.0
100	QPSK	270	0		10.66			
100	16QAM	1	1		10.75		12.5	0.0
100	64QAM	1	1		10.65		12.5	0.0
100	256QAM	1	1		10.60		12.5	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
90	QPSK	1	1	10.86	10.86	10.83	12.5	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
80	QPSK	1	1	10.91	10.93	10.95	12.5	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
70	QPSK	1	1	10.83	10.84	10.95	12.5	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
60	QPSK	1	1	10.87	10.86	10.87	12.5	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
50	QPSK	1	1	10.86	10.89	10.86	12.5	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
40	QPSK	1	1	10.87	10.93	10.83	12.5	0.0
Channel				630334	633332	635334		
Frequency (MHz)				3455.01	3499.98	3535.01		
30	QPSK	1	1	10.92	10.91	10.87	12.5	0.0
Channel				630000	633332	635000		
Frequency (MHz)				3450	3499.98	3530		
20	QPSK	1	1	10.91	10.93	10.83	12.5	0.0



## Part27Q n78 Ant7 DSI 7

BW [MHz]	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	633332	633668		
Frequency (MHz)				3495	3499.98	3505.02		
100	PI/2 BPSK	1	1	14.68				
100	PI/2 BPSK	1	137	14.51			16.1	0.0
100	PI/2 BPSK	1	271	14.51				
100	PI/2 BPSK	135	0	14.54			16.1	0.0
100	PI/2 BPSK	135	69	14.58			16.1	0.0
100	PI/2 BPSK	135	138	14.48			16.1	0.0
100	PI/2 BPSK	270	0	14.50				
100	QPSK	1	1	14.98				
100	QPSK	1	137	14.84			16.1	0.0
100	QPSK	1	271	14.74				
100	QPSK	135	0	14.76			16.1	0.0
100	QPSK	135	69	14.89			16.1	0.0
100	QPSK	135	138	14.62			16.1	0.0
100	QPSK	270	0	14.70				
100	16QAM	1	1	14.72			16.1	0.0
100	64QAM	1	1	14.67			16.1	0.0
100	256QAM	1	1	14.59			16.1	0.0
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510		
90	QPSK	1	1	14.81	14.83	14.77	16.1	0.0
Channel				632334	633332	634334		
Frequency (MHz)				3485.01	3499.98	3515.01		
80	QPSK	1	1	14.77	14.84	14.81	16.1	0.0
Channel				632000	633332	634668		
Frequency (MHz)				3480	3499.98	3520.02		
70	QPSK	1	1	14.83	14.76	14.81	16.1	0.0
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
60	QPSK	1	1	14.82	14.83	14.86	16.1	0.0
Channel				631334	633332	635334		
Frequency (MHz)				3470.01	3499.98	3530.01		
50	QPSK	1	1	14.82	14.83	14.78	16.1	0.0
Channel				631000	633332	635668		
Frequency (MHz)				3465	3499.98	3535.02		
40	QPSK	1	1	14.76	14.81	14.78	16.1	0.0
Channel				630668	633332	636000		
Frequency (MHz)				3460.02	3499.98	3540		
30	QPSK	1	1	14.86	14.80	14.76	16.1	0.0
Channel				630334	633332	636334		
Frequency (MHz)				3455.01	3499.98	3545.01		
20	QPSK	1	1	14.86	14.80	14.76	16.1	0.0



## Part27Q n78 Ant8 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		16.67			
100	Pi/2 BPSK	1	137		16.64		17.8	0.0
100	Pi/2 BPSK	1	271		16.59			
100	Pi/2 BPSK	135	0		16.70		17.8	0.0
100	Pi/2 BPSK	135	69		16.64		17.8	0.0
100	Pi/2 BPSK	135	138		16.64		17.8	0.0
100	Pi/2 BPSK	270	0		16.62			
100	QPSK	1	1		17.10			
100	QPSK	1	137		16.85		17.8	0.0
100	QPSK	1	271		16.75			
100	QPSK	135	0		16.85		17.8	0.0
100	QPSK	135	69		17.06		17.8	0.0
100	QPSK	135	138		16.74		17.8	0.0
100	QPSK	270	0		16.74			
100	16QAM	1	1		16.82		17.8	0.0
100	64QAM	1	1		16.78		17.8	0.0
100	256QAM	1	1		16.11		16.5	1.3
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	17.00	17.04	17.03	17.8	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.02	16.94	16.95	17.8	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	17.00	17.01	16.99	17.8	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	16.95	17.03	16.97	17.8	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.03	17.00	16.97	17.8	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	16.98	16.95	17.05	17.8	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	16.96	17.01	17.03	17.8	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.99	17.04	16.95	17.8	0.0





2.4GHz WLAN		Ant 5 Full power&Body-worn Standalone Extremity Standalone Extremity Simultaneous			Ant 6 Head Standalone		Ant 6 Head Simultaneous		Ant 6 Body-worn Simultaneous		Ant 6 Hotspot Simultaneous		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	18.75	20.00	18.27	19.50	12.82	14.00	14.73	16.00	16.79	18.00	98.65
	6	2437	18.42	20.00	18.25	19.50	12.79	14.00	14.52	16.00	16.54	18.00	
	11	2462	18.74	20.00	18.21	19.50	12.75	14.00	14.69	16.00	16.75	18.00	
	1	2412	18.26	19.50	18.26	19.50			14.00	16.00	16.00	18.00	
	6	2437	18.93	20.00	18.46	19.50			14.00	16.00	16.00	18.00	
	11	2462	19.00	20.00	18.49	19.50			14.00	16.00	16.00	18.00	
802.11g 6Mbps	1	2412	18.26	18.00					14.00	16.00	16.00	18.00	98.28
	6	2437	18.93	20.00					14.00	16.00	16.00	18.00	
	11	2462	19.00	20.00					14.00	16.00	16.00	18.00	
802.11n-HT20 MCS0	1	2412	16.66	18.00					14.00	16.00	16.00	18.00	98.15
	6	2437	18.35	20.00					14.00	16.00	16.00	18.00	
	11	2462	18.79	20.00					14.00	16.00	16.00	18.00	
802.11n-HT40 MCS0	3	2422	14.87	16.50					14.00	16.00	16.00	18.00	94.93
	6	2437	17.26	19.00					14.00	16.00	16.00	18.00	
	9	2452	15.82	17.50					14.00	16.00	16.00	18.00	

5.2GHz WLAN		Ant 5 Full power			Ant 5 Head Standalone		Ant 5 Body worn Standalone		Ant 5 Head Simultaneous		Ant 5 Body-worn Simultaneous		Ant 5 Hotspot Simultaneous		Ant 5 Extremity Standalone		Ant 5 Extremity Simultaneous		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	18.23	20.00				17.00		16.00		12.00		11.00		18.50		14.00	98.28
	40	5200	18.71	20.50				17.00		16.00		12.00		11.00		18.50		14.00	
	44	5220	18.79	20.50				17.00		16.00		12.00		11.00		18.50		14.00	
	48	5240	18.63	20.50				17.00		16.00		12.00		11.00		18.50		14.00	
802.11n-HT20 MCS0	36	5180	18.13	19.50				17.00		16.00		12.00		11.00		18.50		14.00	98.16
	40	5200	18.59	20.00				17.00		16.00		12.00		11.00		18.50		14.00	
	44	5220	18.59	20.00				17.00		16.00		12.00		11.00		18.50		14.00	
802.11n-HT40 MCS0	38	5190	14.36	15.50	14.36	15.50	14.36	15.50	12.00	11.00	10.00	14.36	15.50	10.00	14.00	14.36	15.50	14.00	96.32
	46	5230	17.50	19.00	15.53	17.00	14.55	16.00	12.00	11.00	10.00	17.02	18.50	14.00	14.00	18.50	14.00		
	36	5180	18.16	19.50				17.00		16.00		12.00		11.00		18.50		14.00	
802.11ac-VHT20 MCS0	40	5200	18.64	20.00				17.00		16.00		12.00		11.00		18.50		14.00	98.16
	44	5220	18.63	20.00				17.00		16.00		12.00		11.00		18.50		14.00	
	48	5240	18.51	20.00				17.00		16.00		12.00		11.00		18.50		14.00	
802.11ac-VHT40 MCS0	38	5190	14.41	15.50				17.00		15.50		12.00		11.00		18.50		14.00	96.32
	46	5230	17.61	19.00				17.00		16.00		12.00		11.00		18.50		14.00	
	42	5210	13.51	15.00				15.00	10.65	12.00	9.67	11.00	6.61	10.00		15.00	12.59	14.00	

5.3GHz WLAN		Ant 5 Full power&Extremity Standalone			Ant 5 Head Standalone		Ant 5 Body worn Standalone		Ant 5 Head Simultaneous		Ant 5 Body-worn Simultaneous		Ant 5 Extremity Simultaneous		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5280	18.75	20.50				17.00		16.00		12.00		11.00	98.28
	56	5280	18.80	20.50				17.00		16.00		12.00		11.00	
	60	5300	18.95	20.50				17.00		16.00		12.00		11.00	
	64	5320	18.90	20.50				17.00		16.00		12.00		11.00	
802.11n-HT20 MCS0	52	5280	18.57	20.00				17.00		16.00		12.00		11.00	98.16
	56	5280	18.62	20.00				17.00		16.00		12.00		11.00	
	60	5300	18.77	20.00				17.00		16.00		12.00		11.00	
802.11n-HT40 MCS0	64	5320	18.72	20.00				17.00		16.00		12.00		11.00	96.32
	54	5270	17.47	19.00	15.52	17.00	14.55	16.00	12.00	11.00	10.00	15.00	14.00		
	62	5310	16.42	18.00	15.46	17.00	14.44	16.00	12.00	11.00	10.00	15.00	14.00		
802.11ac-VHT20 MCS0	52	5280	18.62	20.00				17.00		16.00		12.00		11.00	98.16
	56	5280	18.65	20.00				17.00		16.00		12.00		11.00	
	60	5300	18.79	20.00				17.00		16.00		12.00		11.00	
802.11ac-VHT40 MCS0	64	5320	18.76	20.00				17.00		16.00		12.00		11.00	96.32
	54	5270	17.59	19.00				17.00		16.00		12.00		11.00	
	62	5310	16.52	18.00				17.00		16.00		12.00		11.00	
802.11ac-VHT80 MCS0	58	5290	13.43	15.00				15.00	10.71	12.00	9.72	11.00	13.43	15.00	12.24

5.5GHz WLAN		Ant 5 Full power			Ant 5 Head&Extremity Standalone		Ant 5 Body worn Standalone		Ant 5 Head&Extremity Simultaneous		Ant 5 Body-worn Simultaneous		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	18.89	20.50				19.50		18.50		13.00	98.28
	116	5580	18.85	20.50				19.50		18.50		13.00	
	124	5620	18.64	20.50				19.50		18.50		13.00	
	132	5660	18.71	20.50				19.50		18.50		13.00	
	140	5700	18.20	20.00				19.50		18.50		13.00	
	144	5720	18.61	20.50				19.50		18.50		13.00	
802.11n-HT20 MCS0	100	5500	18.77	20.00				19.50		18.50		13.00	98.16
	116	5580	18.66	20.00				19.50		18.50		13.00	
	124	5620	18.49	20.00				19.50		18.50		13.00	
	132	5660	18.42	20.00				19.50		18.50		13.00	
	140	5700	18.03	19.50				19.50		18.50		13.00	
	144	5720	18.45	20.00				19.50		18.50		13.00	
802.11n-HT40 MCS0	102	5510	17.71	19.50	17.71	19.50	16.84	18.50	14.00	13.00	10.00	13.00	96.32
	110	5550	17.65	19.50	17.65	19.50	16.69	18.50	14.00	13.00	10.00	13.00	
	126	5630	17.40	19.00	17.40	19.00	16.57	18.50	14.00	13.00	10.00	13.00	
	134	5670	17.49	19.00	17.49	19.00	16.52	18.50	14.00	13.00	10.00	13.00	
	142	5710	17.69	19.50	17.69	19.50	16.77	18.50	14.00	13.00	10.00	13.00	
	100	5500	18.79	20.00				19.50		18.50		13.00	
802.11ac-VHT20 MCS0	116	5580	18.71	20.00				19.50		18.50		13.00	98.16
	124	5620	18.55	20.00				19.50		18.50		13.00	
	132	5660	18.47	20.00				19.50		18.50		13.00	
	140	5700	18.06	19.50				19.50		18.50		13.00	
	144	5720	18.49	20.00				19.50		18.50		13.00	
	102	5510	17.78	19.50				19.50		18.50		13.00	
802.11ac-VHT40 MCS0	110	5550	17.88	19.50				19.50		18.50		13.00	96.32
	126	5630	17.51	19.50				19.50		18.50		13.00	
	134	5670	17.58	19.50				19.50		18.50		13.00	
	142	5710	17.76	19.50				19.50		18.50		13.00	
802.11ac-VHT80 MCS0	106	5530	16.56	18.00				18.00	12.52	14.00	11.66	13.00	92.24
	122	5610	16.48	18.00				18.00	12.42	14.00	11.56	13.00	
	138	5690	16.56	18.00				18.00	12.49	14.00	11.63	13.00	

5.8GHz WLAN		Ant 5 Full power			Ant 5 Head&Body worn Standalone		Ant 5 Head&Body-worn&Extremity Simultaneous		Ant 5 Hotspot Simultaneous		Ant 5 Extremity Standalone		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149												



**BT BR/EDR**

Ant 6 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)			For Head Simultaneous		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.25	10.08	10.03	12.34	8.54	8.60
	CH 39	2441	14.18	9.69	9.69	12.37	8.00	7.93
	CH 78	2480	14.55	10.27	10.45	12.65	8.48	8.57
Tune-up Limit			16	11.5	11.5	14.5	10	10

**BLE\_1M**

Ant 6 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	11.23
	CH 19	2440	10.98
	CH 39	2480	10.71
Tune-up Limit			12.5

**BLE\_2M**

Ant 6 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	11.41
	CH 19	2440	11.09
	CH 39	2480	10.97
Tune-up Limit			12.50