

Full & Default & DSI4 Power

GSM850 Ant 0		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		128	188	251		128	188	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 1 Tx slot		32.92	33.05	32.96	33.50	23.92	24.05	23.96	24.50
GPRS 2 Tx slots		29.70	29.49	29.75	30.50	23.70	23.49	23.75	24.50
GPRS 3 Tx slots		27.89	27.69	27.64	28.50	23.63	23.43	23.38	24.24
GPRS 4 Tx slots		26.21	26.27	26.14	27.50	23.21	23.27	23.14	24.50

Band		WCDMA V Ant 0			Tune-up Limit (dbm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	848.6	
3GPP Rel 99	IMT 12.2Kbps	22.87	22.93	22.77	24.00

Band 5 Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	24	0
Frequency (MHz)				830	835.5	844		
10	QPSK	1	0	22.76	22.92	22.79		
10	QPSK	1	25	22.58	22.87	22.87	23	1
10	QPSK	1	49	22.70	22.81	22.74		
10	QPSK	25	0	21.82	22.03	21.90		
10	QPSK	25	12	21.96	21.77	21.94	23	1
10	QPSK	25	25	21.99	21.89	21.77		
10	QPSK	50	0	21.87	21.99	21.84		

Band 26 Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965	24	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	23.05	22.79		
15	QPSK	1	37	22.78	22.68	22.59	23	1
15	QPSK	1	74	22.73	22.89	22.72		
15	QPSK	36	0	21.79	21.86	21.75		
15	QPSK	36	20	21.76	21.79	21.70	23	1
15	QPSK	36	39	21.76	21.76	21.76		
15	QPSK	75	0	21.63	21.74	21.70		

GSM1900 Ant 1		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1850	1900.8	30.50	1850.2	1850	1900.8	21.50
GPRS 1 Tx slot		28.91	28.93	28.79		19.91	19.93	19.79	
GPRS 2 Tx slots		25.38	25.47	25.58	26.50	19.38	19.47	19.58	20.50
GPRS 3 Tx slots		23.76	23.48	23.67	25.00	19.50	19.22	19.41	20.74
GPRS 4 Tx slots		22.10	22.18	22.22	23.50	19.10	19.18	19.22	20.50

Band		WCDMA 8 Ant 1			Tune-up Limit (dbm)
TX Channel		9602	9600	9638	
Rx Channel		9662	9600	9938	24.00
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	22.60	22.79	22.66	24.00

Band 2 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100	24	0
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.40	22.61	22.55		
20	QPSK	1	49	22.27	22.56	22.42		
20	QPSK	1	99	22.36	22.51	22.53	23	1
20	QPSK	50	0	21.48	21.56	21.39		
20	QPSK	50	24	21.51	21.32	21.46		
20	QPSK	50	50	21.48	21.37	21.47		
20	QPSK	100	0	21.47	21.56	21.53		

Band 7 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	24	0
Frequency (MHz)				2080	2095	2100		
20	QPSK	1	0	22.60	23.01	22.71		
20	QPSK	1	49	22.75	22.66	22.66		
20	QPSK	1	99	22.62	22.61	22.62	23	1
20	QPSK	50	0	21.71	21.95	21.93		
20	QPSK	50	24	21.76	21.79	21.90		
20	QPSK	50	50	21.72	21.72	21.85		
20	QPSK	100	0	21.77	21.84	21.83		



Band 2 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MRR (dB)	
Channel									
Frequency (MHz)									
18700 18800 18900									
20	QPSK	1	0	21.94	21.95	21.96	23	0	
20	QPSK	1	48	21.91	21.89	21.88			
20	QPSK	1	99	21.90	21.88	21.91			
20	QPSK	50	0	20.74	20.69	20.73	22	1	
20	QPSK	50	24	20.71	20.76	20.72			
20	QPSK	50	50	20.68	20.92	20.72			
20	QPSK	100	0	20.88	20.91	20.89			

Band 5 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up Intvl (dBm)	MRR (dB)	
Channel									
Frequency (MHz)									
				20450	20475	20500			
				850	856.5	864			
10	QPSK	1	0	22.76	22.67	22.79	24	0	
10	QPSK	1	25	22.76	22.55	22.55			
10	QPSK	1	49	22.62	22.76	22.83			
10	QPSK	25	0	21.62	21.63	21.77	23	1	
10	QPSK	25	12	21.67	21.68	21.68			
10	QPSK	25	25	21.73	21.69	21.65			
10	QPSK	50	0	21.69	21.75	21.71			

Band 7 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MRR (dB)	
Channel									
Frequency (MHz)									
20450 20475 20500									
20	QPSK	1	0	22.49	22.57	22.42	24	0	
20	QPSK	1	48	22.31	22.32	22.20			
20	QPSK	1	99	22.21	22.46	22.36			
20	QPSK	50	0	22.44	22.40	22.46	23	1	
20	QPSK	50	24	22.47	22.40	22.58			
20	QPSK	50	50	22.48	22.33	22.42			
20	QPSK	100	0	21.31	21.40	21.30			

Band 26 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
				821.5	831.5	841.5			
15	QPSK	1	0	22.59	22.72	22.61	24	0	
15	QPSK	1	37	22.46	22.41	22.52			
15	QPSK	1	74	22.50	22.54	22.33			
15	QPSK	96	0	21.62	21.65	21.47	23	1	
15	QPSK	96	20	21.62	21.47	21.38			
15	QPSK	96	39	21.43	21.30	21.38			
15	QPSK	70	0	21.39	21.49	21.46			

Band 42 FCC Part27Q Ant 5								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.95	23.02	22.95	24	0
20	QPSK	1	49	22.90	22.88	22.78		
20	QPSK	1	99	22.90	22.74	22.93		
20	QPSK	50	0	21.82	22.00	21.93		
20	QPSK	50	24	21.80	21.89	21.90	23	1
20	QPSK	50	50	21.66	21.87	21.83		
20	QPSK	100	0	21.69	22.07	21.86		
20	QPSK	100	0	21.69	22.07	21.86		

Reduced Power Mode for DS12

GSM450 Axi 0 DS12		Power Average Power (dBm)			Turn-up Limit (dBm)	Power Average Power (dBm)			Turn-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8	Limit (dBm)	824.2	836.4	848.8	Limit (dBm)
GPRS 1 Tx slot		32.92	33.05	32.96		23.92	24.05	23.96	
GPRS 2 Tx slots		23.70	23.49	26.75	30.50	23.70	23.49	23.75	24.50
GPRS 3 Tx slots		27.89	27.69	27.64	28.50	23.63	23.43	23.38	24.24
GPRS 4 Tx slots		26.21	26.27	26.14	27.50	23.21	23.27	23.14	24.50

Band		WCDMA V Axi 0 DS12			Turn-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	RNCP-12-2Kbps	22.97	22.93	22.77	24.00

Band 5 Ant 0 DSI2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				830	835.5	844		
10	QPSK	1	0	22.76	22.92	22.79	24	0
10	QPSK	1	25	22.58	22.87	22.87		
10	QPSK	1	49	22.70	22.81	22.74		
10	QPSK	25	0	21.82	22.03	21.90	23	1
10	QPSK	25	12	21.96	21.77	21.94		
10	QPSK	25	25	21.99	21.89	21.77		
10	QPSK	50	0	21.87	21.99	21.84		

Band 26 Ant 0 DSI2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26766	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	23.05	22.79	24	0
15	QPSK	1	37	22.78	22.68	22.59		
15	QPSK	1	74	22.73	22.89	22.72		
15	QPSK	36	0	21.79	21.86	21.75	23	1
15	QPSK	36	20	21.76	21.79	21.70		
15	QPSK	36	39	21.76	21.76	21.76		
15	QPSK	75	0	21.63	21.74	21.70		

GSM1900 Ant 1 DSIS		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1850	1900.8	30.50	1850.2	1850	1900.8	21.50
GPRS 1 Tx slot		26.91	28.93	28.79		19.91	19.93	19.79	
GPRS 2 Tx slots		25.38	25.47	25.58	26.50	19.38	19.47	19.58	20.50
GPRS 3 Tx slots		23.76	23.48	23.67	25.00	19.50	19.22	19.41	20.74
GPRS 4 Tx slots		22.10	22.18	22.22	23.50	19.10	19.18	19.22	20.50

Band		WCDMA II Ant 1 DSIS			Tune-up Limit (dbm)
TX Channel		9602	9600	9638	
Rx Channel		9662	9600	9938	24.00
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	22.60	22.79	22.65	24.00

Band 2 Ant 1 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel Frequency (MHz)				19700	19900	19100		
				1960	1980	1900		
20	QPSK	1	0	22.40	22.61	22.55	24	0
20	QPSK	1	49	22.27	22.56	22.42		
20	QPSK	1	99	22.36	22.51	22.53		
20	QPSK	50	0	21.48	21.56	21.39	23	1
20	QPSK	50	24	21.51	21.32	21.46		
20	QPSK	50	50	21.48	21.37	21.47		
20	QPSK	100	0	21.47	21.56	21.53		

Band 7 Ant 1 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				20810	20935	20960		
20	QPSK	1	0	22.60	23.01	22.71	24	0
20	QPSK	1	49	22.75	22.66	22.66		
20	QPSK	1	99	22.62	22.61	22.62		
20	QPSK	50	0	21.71	21.95	21.93	23	1
20	QPSK	50	24	21.76	21.79	21.90		
20	QPSK	50	50	21.72	21.72	21.85		
20	QPSK	100	0	21.77	21.84	21.63		

Band 42 FCC Part27Q Ant 5 DSI2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990	18.6	0
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.25	17.35	17.24	18.6	0
20	QPSK	1	49	17.28	17.27	17.04		
20	QPSK	1	99	17.13	17.10	17.18		
20	QPSK	50	0	17.21	17.25	17.27	18.6	0
20	QPSK	50	24	17.07	17.25	17.11		
20	QPSK	50	50	17.19	17.15	17.01		
20	QPSK	100	0	17.17	17.20	17.12		

Reduced Power Mode for DSI3

GSMR50 Ant 0 DSI3		Burnt Average Power (dBm)			Tune-up Limit (dBm)	E-UTRA Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	188	251		128	188	251	
Frequency (MHz)		824.2	836.4	848.6	(dBm)	824.2	836.4	848.6	(dBm)
GPRS 1 Tx slot		32.92	33.05	32.96	33.50	23.92	24.06	23.96	24.50
GPRS 2 Tx slots		29.70	29.49	29.75	30.50	23.70	23.49	23.75	24.50
GPRS 3 Tx slots		27.89	27.69	27.64	28.50	23.63	23.43	23.38	24.24
GPRS 4 Tx slots		26.21	26.27	26.14	27.50	23.21	23.27	23.14	24.50

Band		WCDMA V Ant 0 DSI3			Tune-up Limit (dBm)
TX Channel		4132	4162	4233	
Rx Channel		4357	4407	4458	(dBm)
Frequency (MHz)		836.4	836.4	848.6	
3GPP Ref 99	RMC 12.2Kbps	22.87	22.93	22.77	24.00

Band 5 Ant 0 DSI3								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	24	0
Frequency (MHz)				830	835.5	844		
10	QPSK	1	0	22.76	22.92	22.79		
10	QPSK	1	25	22.58	22.87	22.87	23	1
10	QPSK	1	49	22.70	22.81	22.74		
10	QPSK	25	0	21.82	22.03	21.90		
10	QPSK	25	12	21.96	21.77	21.94	23	1
10	QPSK	25	25	21.99	21.89	21.77		
10	QPSK	50	0	21.87	21.99	21.84		

Band 26 Ant 0 DSI3								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26766	26865	26965	24	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	23.05	22.79		
15	QPSK	1	37	22.78	22.68	22.59	23	1
15	QPSK	1	74	22.73	22.89	22.72		
15	QPSK	36	0	21.79	21.86	21.75		
15	QPSK	36	20	21.76	21.79	21.70	23	1
15	QPSK	36	39	21.76	21.76	21.76		
15	QPSK	75	0	21.63	21.74	21.70		

GSM1900 Ant 1 DSIS		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1850	1900.8		1850.2	1850	1900.8	
GPRS 1 Tx slot		28.91	28.93	28.79	30.50	19.91	19.93	19.79	21.50
GPRS 2 Tx slots		25.38	25.47	25.58	26.50	19.38	19.47	19.58	20.50
GPRS 3 Tx slots		23.76	23.48	23.67	25.00	19.50	19.22	19.41	20.74
GPRS 4 Tx slots		22.10	22.18	22.22	23.50	19.10	19.18	19.22	20.50

Band		WCDMA II Ant 1 DSIS			Tune-up Limit (dbm)
TX Channel		9602	9600	9538	
Rx Channel		9662	9600	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	22.21	22.28	22.21	23.30

Band 2 Ant 1 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.15	22.33	22.01	23.5	0
20	QPSK	1	49	22.04	22.00	22.05		
20	QPSK	1	99	21.92	21.91	21.87		
20	QPSK	50	0	21.72	21.78	21.60	23	0.5
20	QPSK	50	24	21.75	21.60	21.71		
20	QPSK	50	50	21.68	21.61	21.70		
20	QPSK	100	0	21.74	21.80	21.70		

Band 7 Ant 1 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				20710	20935	21160		
20	QPSK	1	0	22.63	22.69	22.53	23.5	0
20	QPSK	1	49	22.49	22.50	22.32		
20	QPSK	1	99	22.41	22.58	22.53		
20	QPSK	50	0	21.61	21.65	21.56	23	0.5
20	QPSK	50	24	21.60	21.58	21.15		
20	QPSK	50	50	21.60	21.50	21.60		
20	QPSK	100	0	21.49	21.56	21.50		

Band 2 Ant 4 DS3i												
RF Freq	Modulation	RF Size	RF Offset	Power (Ch/Freq)	Power (Ch/Freq)	Power (Ch/Freq)	Power (Ch/Freq)	Turn-on time (dBm)	MFR (dB)			
Channel												
Frequency MHz												
25	QPSK	1	0	17.83	18.01	17.80	17.80					
20	QPSK	1	49	17.74	17.62	17.52	17.52	19	0			
20	QPSK	1	49	17.61	17.58	17.48	17.48					
20	QPSK	50	0	17.78	17.80	17.62	17.62					
20	QPSK	50	24	17.49	17.60	17.45	17.45	19	0			
20	QPSK	50	24	17.45	17.60	17.45	17.45					
10	16QAM	1	0	17.64	17.75	17.54	17.54					
10	16QAM	1	49	17.45	17.60	17.45	17.45	19	0			
10	16QAM	1	99	17.42	17.70	17.45	17.45					
10	16QAM	50	24	17.69	17.72	17.48	17.48					
20	16QAM	50	24	17.38	17.74	17.45	17.45	19	0			
20	16QAM	50	24	17.37	17.72	17.45	17.45					
10	16QAM	100	0	17.44	17.75	17.45	17.45					
20	64QAM	1	0	17.44	17.75	17.70	17.68					
20	64QAM	1	49	17.44	17.75	17.68	17.68					
20	64QAM	1	49	17.37	17.75	17.68	17.68					
20	64QAM	50	24	17.45	17.75	17.57	17.57					
20	64QAM	50	24	17.60	17.64	17.74	17.74					
20	64QAM	50	24	17.63	17.72	17.74	17.74					
20	64QAM	100	0	17.50	17.79	17.67	17.67					
20	256QAM	1	0	17.64	17.60	17.60	17.60					
20	256QAM	1	49	17.52	17.62	17.52	17.52	18				
20	256QAM	1	99	17.64	17.00	17.03	17.03					
20	256QAM	50	24	18.37	18.06	17.33	17.33					
20	256QAM	50	24	17.03	17.61	17.61	17.61					
20	256QAM	50	50	18.64	18.06	18.07	18.07					
20	256QAM	100	0	18.95	17.08	17.08	17.08					
Channel										Turn-on time (dBm)	MFR (dB)	
Frequency MHz												
15	QPSK	1	0	18.075	1.880	18.070	18.070					
15	QPSK	1	49	17.78	17.66	17.79	17.79					
15	QPSK	1	49	17.61	17.68	17.68	17.68					
15	QPSK	1	74	17.61	17.70	17.74	17.74					
15	QPSK	38	0	17.72	17.75	17.61	17.61					
15	QPSK	38	0	17.46	17.69	17.69	17.69	19	0			
15	QPSK	38	39	17.60	17.73	17.52	17.52					
15	QPSK	75	0	17.54	17.61	17.61	17.61					
15	QPSK	75	0	17.63	17.74	17.63	17.63					
15	16QAM	1	37	17.43	17.63	17.55	17.55	19	0			
15	16QAM	1	74	17.37	17.62	17.42	17.42					
15	16QAM	38	16	17.65	17.72	17.65	17.65					
15	16QAM	38	20	17.35	17.69	17.61	17.61	19	0			
15	16QAM	38	99	17.31	17.66	17.66	17.66					
15	16QAM	3										

Band 5 Ant 4 DS13												
RW (MHz)	Mode	RB Size	RB Offset	Power (Ch./Fwd)	Power (20dBz)	Power (20dBz)	Power (20dBz)	Time-on (s)	MPR (dB)			
Channel				2040	2050	2055	2060					
Frequency (MHz)												
16	QPSK	1	0	21.62	21.71	21.64						
16	QPSK	1	25	21.37	21.59	21.37		22.8	0			
16	QPSK	8	0	21.58	21.52	21.58						
16	QPSK	25	0	21.58	21.65	21.58						
16	QPSK	25	12	21.29	21.62	21.57		22.8	0			
16	QPSK	25	12	21.32	21.62	21.57						
16	16QAM	1	0	21.21	21.49	21.64						
16	16QAM	1	0	21.21	21.49	21.64						
16	16QAM	1	49	21.52	21.55	21.55		22.8	0			
16	16QAM	25	0	20.51	20.28	20.17						
16	16QAM	25	12	20.51	20.28	20.17		22	0			
16	16QAM	25	25	20.29	20.40	20.36						
16	16QAM	50	0	20.40	20.55	20.50						
16	16QAM	50	0	20.42	20.57	20.50						
16	16QAM	1	49	20.53	20.52	20.52		22	0			
16	16QAM	25	0	19.87	19.87	19.87						
16	16QAM	25	12	19.55	19.38	19.38		21	1.8			
16	16QAM	25	25	19.56	19.46	19.43						
16	16QAM	50	0	19.47	19.47	19.47						
16	16QAM	1	0	17.47	17.28	17.28						
16	16QAM	1	25	17.61	17.55	17.60		19	3.8			
16	16QAM	49	0	17.27	17.27	17.27						
16	16QAM	25	0	17.56	17.58	17.62						
16	16QAM	25	12	17.68	17.37	17.27		19	3.8			
16	16QAM	25	25	17.27	17.38	17.38						
16	16QAM	50	0	17.71	17.61	17.61						
Channel				2040	2050	2055	2060					
Frequency (MHz)								Time-on (s)	MPR (dB)			
5	QPSK	1	0	21.50	21.68	21.52						
5	QPSK	1	12	21.26	21.49	21.39		22.8	0			
5	QPSK	12	0	21.51	21.41	21.51						
5	QPSK	12	0	21.53	21.60	21.53						
5	QPSK	12	7	21.48	21.54	21.60		22.8	0			
5	QPSK	12	7	21.51	21.57	21.60						
5	16QAM	1	0	21.44	21.54	21.69						
5	16QAM	1	0	21.28	21.45	21.60						
5	16QAM	1	12	21.45	21.45	21.45		22.8	0			
5	16QAM	1	24	21.38	21.50	21.57						
5	16QAM	12	0	20.48	20.17	20.10						
5	16QAM	12	7	20.48	20.17	20.10						
5	16QAM	12	13	20.33	20.40	20.20		22	0.8			
5	16QAM	25	0	20.45	20.06	20.04						
5	16QAM	25	0	20.45	20.06	20.04						
5	16QAM	1	12	20.48	20.47	20.57		22	0.8			
5	16QAM	12	7	19.95	19.95	19.95						
5	16QAM	12	13	19.67	19.54	19.48		21	1.8			
5	16QAM	25</										

Band 7 Ant 4 DS13										
RF MW (GHz)	Modulation	RB Size (MHz)	RB Offset (MHz)	Power Spectral Density (dBm/100KHz)	Power Spectral Density (dBm/100KHz)	Power Spectral Density (dBm/100KHz)	Transmit Power (dBm)	MPE (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	14.87	15.03	14.87	16.00			
20	QPSK	1	49	14.86	14.90	14.83		16.2	0	
20	QPSK	50	0	14.84	14.84	14.83				
20	QPSK	50	0	14.92	14.95	14.90				
20	QPSK	50	24	14.83	14.83	14.86		16.2	0	
20	QPSK	100	0	14.87	14.87	14.78				
20	QPSK	100	0	14.87	14.95	14.75				
20	QPSK	1	0	14.70	14.81	14.67				
20	QPSK	1	49	14.82	14.82	14.72		16.2	0	
20	QPSK	1	99	14.75	14.95	14.87				
20	QPSK	50	0	14.88	14.87	14.80				
20	QPSK	50	0	14.87	14.82	14.83		16.2	0	
20	QPSK	50	50	14.84	14.88	14.78				
20	QPSK	100	0	14.73	14.79	14.68				
20	QPSK	100	0	14.82	14.82	14.68				
20	QPSK	1	49	14.72	14.89	14.80				
20	QPSK	1	99	14.81	14.84	14.80				
20	QPSK	50	0	14.77	14.82	14.67		16.2	0	
20	QPSK	50	24	14.54	14.88	14.78				
20	QPSK	50	50	14.57	14.98	14.75				
20	QPSK	100	0	14.69	14.98	14.70				
20	QPSK	100	0	14.89	14.98	14.72		16.2	0	
20	QPSK	1	49	14.80	14.80	14.72				
20	QPSK	50	0	14.74	14.86	14.84				
20	QPSK	50	24	14.70	14.89	14.80				
20	QPSK	100	0	14.78	14.79	14.71		16.2	0	
Channel										
Frequency (MHz)										
16	QPSK	1	0	14.84	14.97	14.82				
16	QPSK	1	47	14.85	14.87	14.78				
16	QPSK	1	94	14.79	14.79	14.70		16.2	0	
16	QPSK	36	0	14.91	14.96	14.78				
16	QPSK	36	20	14.80	14.79	14.83				
16	QPSK	36	20	14.81	14.81	14.71		16.2	0	
16	QPSK	36	0	14.85	14.93	14.75				
16	QPSK	1	0	14.63	14.79	14.67				
16	QPSK	1	47	14.89	14.88	14.84		16.2	0	
16	QPSK	1	94	14.75	14.92	14.83				
16	QPSK	36	0	14.83	14.83	14.80				
16	QPSK	36	20	14.85	14.77	14.85		16.2	0	
16	QPSK	36	0	14.93	14.84	14.75				
16	QPSK	36	20	14.81	14.85	14.82				
16	QPSK	1	0	14.64	14.78	14.68				
16	QPSK	1	47	14.89	14.89	14.76		16.2	0	
16	QPSK	1	94	14.81	14.85	14.82				
16	QPSK	36	0	14.85	14.82	14.74				
16	QPSK	36	20	14.85	14.88	14.77		16.2	0	
16	QPSK	36	0	14.92	14.92	14.74				
16	QPSK	36	20	14.70	14.90	14.85				
16	QPSK	1	0	14.70	14.70	14.60				
16	QPSK	1	47	14.74						

Band 26 Ant 4 DS13												
RF (MHz)	Modulation	RB Size	RB Offset	Power (dBm)	Power Ch. Power (dBm)	Power Ch. Power (dBm)	Power Ch. Power (dBm)	Turn-on Time (s)	MFR (dB)			
Channel										Frequency (MHz)		
15	QPSK	1	0	21.64	21.74	21.69						
15	QPSK	1	87	21.39	21.61	21.53		22.8	0			
15	QPSK	1	174	21.68	21.68	21.64						
15	QPSK	36	0	21.62	21.62	21.62		22.8	0			
15	QPSK	36	20	21.48	21.65	21.64						
15	QPSK	36	40	21.62	21.62	21.62						
15	QPSK	75	0	21.52	21.62	21.62		22.8	0			
15	QPSK	75	0	21.38	21.62	21.66						
15	QPSK	75	1	21.52	21.62	21.62						
15	QPSK	144	0	21.54	21.64	21.64		22.8	0			
15	QPSK	144	0	21.31	21.65	21.64						
15	QPSK	144	20	21.62	21.62	21.62		22	0.8			
15	QPSK	144	20	20.42	20.41	20.38						
15	QPSK	288	0	20.88	20.85	20.86		22	0.8			
15	QPSK	288	0	20.81	20.85	20.83						
15	QPSK	288	1	20.81	20.85	20.83		22	0.8			
15	QPSK	576	0	20.62	20.62	20.58						
15	QPSK	576	0	20.48	20.62	20.62		22	0.8			
15	QPSK	576	20	18.79	19.35	19.35		21	1.8			
15	QPSK	576	20	18.88	19.82	19.81						
15	QPSK	576	40	18.88	19.82	19.81						
15	QPSK	576	40	18.71	17.44	17.52						
15	QPSK	1152	0	17.72	17.62	17.67		19	3.8			
15	QPSK	1152	0	17.72	17.62	17.67						
15	QPSK	1152	0	17.47	17.47	17.41						
15	QPSK	1152	0	17.58	17.64	17.65						
15	QPSK	1152	20	17.70	17.39	17.36						
15	QPSK	1152	20	17.70	17.39	17.36						
15	QPSK	1152	40	17.72	17.76	17.81						
Channel										Frequency (MHz)		
15	QPSK	1	0	21.62	21.70	21.63		22.8	0			
15	QPSK	1	25	21.32	21.56	21.47						
15	QPSK	1	49	21.40	21.61	21.51		22.8	0			
15	QPSK	25	0	21.52	21.62	21.62						
15	QPSK	25	12	21.42	21.64	21.61		22.8	0			
15	QPSK	25	25	21.52	21.62	21.62						
15	QPSK	50	0	21.31	21.64	21.64		22.8	0			
15	QPSK	50	0	21.31	21.65	21.64						
15	QPSK	50	10	21.43	21.65	21.65		22.8	0			
15	QPSK	50	10	21.43	21.64	21.63						
15	QPSK	50	20	20.57	20.34	20.23		22	0.8			
15	QPSK	50	20	20.55	20.68	20.56						
15	QPSK	50	40	20.55	20.68	20.56		22	0.8			
15	QPSK	100	0	20.56	20.61	20.61						
15	QPSK	100	0	20.58	20.59	20.58						
15	QPSK	100	20	21.40	21.63	21.63		21	1.8			
15	QPSK	100	20	21								

Band 42 FCC Part27Q Ant 5 DSI3								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990	18.1	0
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.27	17.39	17.25	18.1	0
20	QPSK	1	49	17.30	17.28	17.03		
20	QPSK	1	99	17.14	17.10	17.18		
20	QPSK	50	0	17.26	17.23	17.23	18.1	0
20	QPSK	50	24	17.03	17.27	17.10		
20	QPSK	50	50	17.20	17.15	17.05		
20	QPSK	100	0	17.16	17.18	17.12		

Reduced Power Mode for DS16

GSM50 Ant 0 DS16		Sum Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8	Tune-up Limit (dBm)	824.2	836.4	848.8	Tune-up Limit (dBm)
GPRS 1 Tx slot		32.92	33.05	32.96		23.92	24.06	23.96	
GPRS 2 Tx slots		23.70	23.49	28.75	30.50	23.70	23.49	23.75	24.50
GPRS 3 Tx slots		27.89	27.69	27.64	28.50	23.63	23.43	23.38	24.24
GPRS 4 Tx slots		26.21	26.27	26.14	27.50	23.21	23.27	23.14	24.50

Band		WCDMA V Ant 0 DS16			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	Tune-up Limit (dBm)
Frequency (MHz)		824.2	836.4	848.8	
3GPP Rel 99 RMC-12.2Kbps		22.87	22.93	22.77	24.00

Band 5 Ant 0 DSI6								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				500	535.5	544		
10	QPSK	1	0	22.76	22.92	22.79	24	0
10	QPSK	1	25	22.58	22.87	22.87		
10	QPSK	1	49	22.70	22.81	22.74		
10	QPSK	25	0	21.82	22.03	21.90	23	1
10	QPSK	25	12	21.96	21.77	21.94		
10	QPSK	25	25	21.99	21.89	21.77		
10	QPSK	50	0	21.87	21.99	21.84		

Band 26 Ant 0 DSI6								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26766	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	23.05	22.79	24	0
15	QPSK	1	37	22.78	22.68	22.59		
15	QPSK	1	74	22.73	22.89	22.72		
15	QPSK	36	0	21.79	21.86	21.75	23	1
15	QPSK	36	20	21.76	21.79	21.70		
15	QPSK	36	39	21.76	21.76	21.76		
15	QPSK	75	0	21.63	21.74	21.70		

GSM1900 Ant 1 DS8		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1850	1900.8		1850.2	1850	1900.8	
GPRS 1 Tx slot		28.91	28.93	28.79	30.50	19.91	19.93	19.79	21.50
GPRS 2 Tx slots		25.38	25.47	25.58	26.50	19.38	19.47	19.58	20.50
GPRS 3 Tx slots		23.76	23.48	23.67	25.00	19.50	19.22	19.41	20.74
GPRS 4 Tx slots		22.10	22.18	22.22	23.50	19.10	19.18	19.22	20.50

Band		WCDMA II Ant 1 DS8			Tune-up Limit (dbm)
TX Channel		9602	9600	9538	
Rx Channel		9662	9600	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	21.72	21.77	21.72	23.30

Band 2 Ant 1 DSI6								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100	23.5	0
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.15	22.33	22.01		
20	QPSK	1	49	22.04	22.00	22.05	23	0.5
20	QPSK	1	99	21.92	21.91	21.87		
20	QPSK	50	0	21.72	21.78	21.60		
20	QPSK	50	24	21.75	21.60	21.71		
20	QPSK	50	50	21.68	21.61	21.70		
20	QPSK	100	0	21.74	21.80	21.70		

Band 7 Ant 1 DSI6								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	21.8	0
Frequency (MHz)				20810	20935	20960		
20	QPSK	1	0	20.92	21.04	20.99		
20	QPSK	1	49	20.96	21.00	20.88	21.8	0
20	QPSK	1	99	20.83	20.94	20.97		
20	QPSK	50	0	20.94	20.99	20.98		
20	QPSK	50	24	20.90	20.83	20.96		
20	QPSK	50	50	20.95	20.94	20.87		
20	QPSK	100	0	20.98	21.00	20.88		

Band 42 FCC Part27Q Ant 5 DSI6								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990	21.6	0
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.15	20.20	20.19	21.6	0
20	QPSK	1	49	20.05	20.14	20.15		
20	QPSK	1	99	20.11	20.03	20.07		
20	QPSK	50	0	20.04	20.19	20.01		
20	QPSK	50	24	20.05	20.14	20.12	21.6	0
20	QPSK	50	50	20.03	20.14	20.06		
20	QPSK	100	0	20.10	20.13	20.00		

Reduced Power Mode for DS17									
GSM850 Ant 0 DS17		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 1 Tx slots		32.62	33.05	32.96	33.50	23.92	24.05	23.96	24.50
GPRS 2 Tx slots		29.70	29.49	29.75	30.50	23.70	23.49	23.75	24.50
GPRS 3 Tx slots		27.89	27.69	27.64	28.50	23.63	23.43	23.38	24.24
GPRS 4 Tx slots		26.21	26.27	26.14	27.50	23.21	23.27	23.14	24.50

Band		WCDMA V Ant 0 DS17			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4387	4407	4458	
Frequency (MHz)		825.4	836.4	846.8	
3GPP Rel 99	RMC 12.2Kbps	22.87	22.93	22.77	24.00

Band 5 Ant 0 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	24	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.76	22.92	22.79		
10	QPSK	1	25	22.58	22.87	22.87	23	1
10	QPSK	1	49	22.70	22.81	22.74		
10	QPSK	25	0	21.82	22.03	21.90		
10	QPSK	25	12	21.96	21.77	21.94	23	1
10	QPSK	25	25	21.99	21.89	21.77		
10	QPSK	50	0	21.87	21.99	21.84		

Band 26 Ant 0 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965	24	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	23.05	22.79		
15	QPSK	1	37	22.78	22.68	22.59	23	1
15	QPSK	1	74	22.73	22.89	22.72		
15	QPSK	36	0	21.79	21.86	21.75		
15	QPSK	36	20	21.76	21.79	21.70	23	1
15	QPSK	36	39	21.76	21.76	21.76		
15	QPSK	75	0	21.63	21.74	21.70		

GSM1900 Ant 1 DSI7		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1907.6		1850.2	1860	1907.6	
GPRS 1 Tx slot		23.51	23.93	23.79	30.50	19.91	19.93	19.79	21.50
GPRS 2 Tx slots		25.38	25.47	25.58	26.50	19.38	19.47	19.58	20.50
GPRS 3 Tx slots		23.76	23.48	23.67	25.00	19.50	19.22	19.41	20.74
GPRS 4 Tx slots		22.10	22.22	22.18	23.50	19.10	19.22	19.18	20.50

Band		WCDMA II Ant 1 DSI7			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Ral 99	RMC 12.2Kbps	20.71	20.76	20.59	21.60

Band 2 Ant 1 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100	21.5	0
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.14	20.21	20.11	21.5	0
20	QPSK	1	49	20.08	20.18	20.15		
20	QPSK	1	99	20.18	20.17	20.19		
20	QPSK	50	0	20.10	20.18	20.10	21.5	0
20	QPSK	50	24	20.15	20.12	20.15		
20	QPSK	50	50	20.12	20.08	20.09		
20	QPSK	100	0	20.09	20.20	20.17		

Band 7 Ant 1 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	21.8	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.92	21.04	20.99	21.8	0
20	QPSK	1	49	20.96	21.00	20.88		
20	QPSK	1	99	20.83	20.94	20.97		
20	QPSK	50	0	20.94	20.99	20.98	21.8	0
20	QPSK	50	24	20.90	20.93	20.96		
20	QPSK	50	50	20.95	20.94	20.87		
20	QPSK	100	0	20.98	21.00	20.88		

Band 26 Ant 4 DSI7													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	APPR (dB)					
Channel													
Frequency (MHz)				821.5	831.5	841.5							
15	QPSK	1	0	20.02	20.11	20.02	21.2	0					
15	QPSK	1	31	19.93	20.04	20.04							
15	QPSK	1	74	20.01	20.00	19.96							
15	QPSK	36	0	19.98	20.05	19.91	21.2	0					
15	QPSK	36	20	19.96	20.05	19.98							
15	QPSK	36	39	19.95	20.04	20.02							
15	QPSK	75	0	19.89	20.01	19.93	21.2	0					
15	16QAM	1	0	19.94	19.97	19.95							
15	16QAM	1	31	19.95	20.01	19.98							
15	16QAM	1	74	19.99	20.02	19.95	21.2	0					
15	16QAM	36	0	19.99	19.99	19.95							
15	16QAM	36	20	19.88	19.95	20.00							
15	16QAM	36	39	19.86	20.07	20.04	21.2	0					
15	16QAM	75	0	20.04	20.03	19.97							
15	64QAM	1	0	19.95	20.02	19.90	21.2	0					
15	64QAM	1	31	19.98	20.03	20.00							
15	64QAM	1	74	19.93	19.97	19.97							
15	64QAM	36	0	19.89	19.84	19.94	21	0.2					
15	64QAM	36	20	19.71	19.48	19.92							
15	64QAM	36	39	19.72	19.64	19.81							
15	64QAM	75	0	19.98	19.89	19.81	19	2.2					
15	256QAM	1	0	17.63	17.42	17.33							
15	256QAM	1	31	17.77	17.62	17.70							
15	256QAM	1	74	17.48	17.48	17.77	19	2.2					
15	256QAM	36	0	17.55	17.63	17.30							
15	256QAM	36	20	17.69	17.40	17.33							
15	256QAM	36	39	17.51	17.63	17.74							
15	256QAM	75	0	17.74	17.72	17.38							
Channel													
Frequency (MHz)				819	831.5	844	Turn-up limit (dBm)	APPR (dB)					
15	QPSK	1	0	20.00	20.04	20.00	21.2	0					
15	QPSK	1	28	19.93	20.05	19.98							
15	QPSK	1	49	20.01	19.98	19.87							
15	QPSK	25	0	19.96	20.05	19.87	21.2	0					
15	QPSK	25	12	19.92	20.04	19.94							
15	QPSK	25	25	19.92	20.03	19.98							
15	QPSK	50	0	19.89	19.98	19.93	21.2	0					
15	16QAM	1	0	19.88	19.93	19.95							
15	16QAM	1	25	19.93	19.99	19.96							
15	16QAM	1	49	19.98	20.01	19.94	21.2	0					
15	16QAM	25	0	19.98	19.97	19.91							
15	16QAM	25	12	19.89	19.89	19.94							
15	16QAM	25	25	19.95	20.05	19.97	21.2	0					
15	16QAM	50	0	20.01	20.05	19.90							
15	64QAM	1	0	19.90	19.99	19.87							
15	64QAM	1	25	19.95	19.99	19.98	21	0.2					
15	64QAM	1	49	19.91	19.97	19.92							
15	64QAM	25	0	19.89	19.61	19.94							
15	64QAM	25	12	19.85	19.46	19.90	19	2.2					
15	64QAM	25	25	19.94	19.25	19.95							
15	64QAM	50	0	19.95	19.88	19.93							
15	256QAM	1	0	17.61	17.41	17.33	19	2.2					
15	256QAM	1	25	17.70	17.60	17.63							
15	256QAM	1	49	17.45	17.45	17.74							
15	256QAM	25	0	17.63	17.61	17.61	19	2.2					
15	256QAM	25	12	17.62	17.33	17.33							
15	256QAM	25	25	17.49	17.59	17.69							
15	256QAM	50	0	17.71	17.71	17.37							
Channel													
Frequency (MHz)				816.5	831.5	846.5	Turn-up limit (dBm)	APPR (dB)					
5	QPSK	1	0	19.97	20.06	20.02	21.2	0					
5	QPSK	1	12	19.91	20.05	20.02							
5	QPSK	1	24	19.99	19.96	19.87							
5	QPSK	12	0	19.97	20.01	19.98	21.2	0					
5	QPSK	12	7	19.96	19.95	19.89							
5	QPSK	12	13	19.95	20.02	20.00							
5	QPSK	36	0	19.90	19.95	19.90	21.2	0					
5	16QAM	1	0	19.93	19.95	19.90							
5	16QAM	1	12	19.93	20.01	19.97							
5	16QAM	1	24	19.94	20.00	19.91	21.2	0					
5	16QAM	12	0	19.96	19.97	19.91							
5	16QAM	12	7	19.89	19.91	19.92							
5	16QAM	12	13	19.98	20.08	20.00	21	0.2					
5	16QAM	25	0	20.02	19.99	19.93							
5	64QAM	1	0	19.89	20.02	19.88							
5	64QAM	1	14	19.96	20.03	20.02	21.2	0					
5	64QAM	1	24	19.90	19.93	19.91							
5	64QAM	12	0	19.63	19.59	19.32							
5	64QAM	12	7	19.70	19.44	19.20	21	0.2					
5	64QAM	12	13	19.64	19.58	19.81							
5	64QAM	25	0	19.90	19.88	19.65							
5	256QAM	1	0	17.61	17.41	17.32	19	2.2					
5	256QAM	1	12	17.72	17.61	17.64							
5	256QAM	1	24	17.47	17.41	17.71							
5	256QAM	12	0	17.54	17.50	17.58	19	2.2					
5	256QAM	12	7	17.65	17.35	17.36							
5	256QAM	12	13	17.50	17.59	17.69							
5	256QAM	25	0	17.71	17.60	17.59							
Channel													
Frequency (MHz)				817.5	831.5	847.5	Turn-up limit (dBm)	APPR (dB)					
3	QPSK	1	0	19.95	20.05	19.99	21.2	0					
3	QPSK	1	8	19.89	20.07	20.02							
3	QPSK	1	14	20.00	19.95	19.85							
3	QPSK	8	0	19.99	20.04	19.94	21.2	0					
3	QPSK	8	4	19.95	20.04	19.89							
3	QPSK	8	7	19.92	19.99	19.98							
3	QPSK	15	0	19.86	19.95	19.93	21.2	0					
3	16QAM	1	0	19.89	19.94	19.92							
3	16QAM	1	8	19.90	19.98	19.98							
3	16QAM	1	14	20.00	20.00	19.96	21.2	0					
3	16QAM	8	0	20.00	19.97	19.94							
3	16QAM	8	4	19.89	19.92	19.92							
3	16QAM	8	7	19.95	20.07	19.98	21.2	0					
3	16QAM	15	0	20.01	20.08	19.92							
3	64QAM	1	0	19.88	20.02	19.89	21.2	0					
3	64QAM	1	8	19.91	19.99	19.97							
3	64QAM	1	14	19.90	19.95	19.94							
3	64QAM	8	0	19.60	19.57	19.35	21	0.2					
3	64QAM	8	4	19.70	19.50	19.49							
3	64QAM	8	7	19.63	19.59	19.47							
3													

Band 42 FCC Part27Q Ant 5 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.80	15.87	15.81	16.7	0
20	QPSK	1	49	15.84	15.81	15.76		
20	QPSK	1	99	15.77	15.85	15.71		
20	QPSK	50	0	15.69	15.86	15.80	16.7	0
20	QPSK	50	24	15.80	15.85	15.73		
20	QPSK	50	50	15.84	15.73	15.73		
20	QPSK	100	0	15.72	15.84	15.81		

Full & Default&DSI4 Power_Other Path											
Band 5 Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	22.60	22.79	22.58	24	0			
10	QPSK	1	25	22.55	22.56	22.60					
10	QPSK	1	49	22.60	22.54	22.66					
10	QPSK	25	0	21.75	21.76	21.64	23	1			
10	QPSK	25	12	21.66	21.64	21.74					
10	QPSK	25	25	21.64	21.64	21.65					
10	QPSK	50	0	21.49	21.81	21.64	23	1			
10	16QAM	1	0	21.55	21.86	21.67					
10	16QAM	1	25	21.64	21.52	21.76					
10	16QAM	1	49	21.76	21.56	21.70	22	2			
10	16QAM	25	0	20.79	20.74	20.43					
10	16QAM	25	12	20.68	20.68	20.68					
10	16QAM	25	25	20.74	20.50	20.49	22	2			
10	16QAM	50	0	20.68	20.52	20.74					
10	64QAM	1	0	20.66	20.81	20.53	22	2			
10	64QAM	1	25	20.70	20.58	20.63					
10	64QAM	1	49	20.75	20.45	20.53					
10	64QAM	25	0	19.65	19.54	19.43	21	3			
10	64QAM	25	12	19.66	19.54	19.78					
10	64QAM	25	25	19.56	19.67	19.55					
10	64QAM	50	0	19.62	19.39	19.71	19	5			
10	256QAM	1	0	17.68	17.76	17.57					
10	256QAM	1	25	17.80	17.80	17.82					
10	256QAM	1	49	17.79	17.52	17.84	19	5			
10	256QAM	25	0	17.56	17.66	17.69					
10	256QAM	25	12	17.87	17.51	17.74					
10	256QAM	25	25	17.68	17.45	17.75	19	5			
10	256QAM	50	0	17.64	17.68	17.80					
Channel				20425	20525	20625					
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	0	22.31	22.59	22.32	24	0			
5	QPSK	1	12	22.26	22.42	22.38					
5	QPSK	1	24	22.46	22.37	22.39					
5	QPSK	12	0	21.57	21.60	21.52	23	1			
5	QPSK	12	7	21.44	21.37	21.52					
5	QPSK	12	13	21.40	21.44	21.38					
5	QPSK	25	0	21.20	21.65	21.43	23	1			
5	16QAM	1	0	21.44	21.69	21.42					
5	16QAM	1	12	21.47	21.28	21.53					
5	16QAM	1	24	21.57	21.39	21.42	22	2			
5	16QAM	12	0	20.56	20.62	20.28					
5	16QAM	12	7	20.40	20.45	20.48					
5	16QAM	12	13	20.60	20.25	20.33	22	2			
5	16QAM	25	0	20.53	20.37	20.48					
5	64QAM	1	0	20.38	20.55	20.41					
5	64QAM	1	12	20.48	20.41	20.37	22	2			
5	64QAM	1	24	20.59	20.30	20.33					
5	64QAM	12	0	19.44	19.37	19.19					
5	64QAM	12	7	19.39	19.39	19.59	21	3			
5	64QAM	12	13	19.34	19.48	19.34					
5	64QAM	25	0	19.35	19.20	19.56					
5	256QAM	1	0	17.43	17.55	17.35	19	5			
5	256QAM	1	12	17.56	17.60	17.60					
5	256QAM	1	24	17.66	17.35	17.66					
5	256QAM	12	0	17.28	17.43	17.48	19	5			
5	256QAM	12	7	17.61	17.34	17.57					
5	256QAM	12	13	17.46	17.32	17.57					
5	256QAM	25	0	17.47	17.42	17.57					
Channel				20415	20525	20635					
Frequency (MHz)				825.5	836.5	847.5					
3	QPSK	1	0	22.43	22.58	22.36	24	0			
3	QPSK	1	8	22.37	22.38	22.32					
3	QPSK	1	14	22.33	22.29	22.50					
3	QPSK	8	0	21.50	21.47	21.45	23	1			
3	QPSK	8	4	21.49	21.41	21.46					
3	QPSK	8	7	21.49	21.49	21.42					
3	QPSK	15	0	21.33	21.66	21.35	23	1			
3	16QAM	1	0	21.41	21.68	21.41					
3	16QAM	1	8	21.36	21.24	21.48					
3	16QAM	1	14	21.60	21.39	21.59	22	2			
3	16QAM	8	0	20.64	20.55	20.24					
3	16QAM	8	4	20.52	20.52	20.48					
3	16QAM	8	7	20.49	20.25	20.37	22	2			
3	16QAM	15	0	20.45	20.27	20.63					
3	64QAM	1	0	20.50	20.61	20.29					
3	64QAM	1	8	20.54	20.41	20.42	22	2			
3	64QAM	1	14	20.57	20.28	20.37					
3	64QAM	8	0	19.38	19.40	19.32					
3	64QAM	8	4	19.50	19.41	19.53	21	3			
3	64QAM	8	7	19.45	19.54	19.33					
3	64QAM	15	0	19.51	19.19	19.43					
3	256QAM	1	0	17.52	17.49	17.31	19	5			
3	256QAM	1	8	17.53	17.53	17.70					
3	256QAM	1	14	17.65	17.38	17.65					
3	256QAM	8	0	17.27	17.48	17.53	19	5			
3	256QAM	8	4	17.58	17.25	17.60					
3	256QAM	8	7	17.49	17.32	17.61					
3	256QAM	15	0	17.46	17.42	17.68					
Channel				20407	20525	20643					
Frequency (MHz)				824.7	836.5	848.3					
1.4	QPSK	1	0	22.37	22.53	22.45	24	0			
1.4	QPSK	1	3	22.35	22.31	22.45					
1.4	QPSK	1	5	22.42	22.32	22.52					
1.4	QPSK	3	0	22.26	22.32	22.34	23	1			
1.4	QPSK	3	1	22.46	22.26	22.44					
1.4	QPSK	3	3	22.35	22.66	22.33					
1.4	QPSK	6	0	21.63	21.82	21.61	23	1			
1.4	16QAM	1	0	21.68	21.80	21.53					
1.4	16QAM	1	3	21.51	21.81	21.62					
1.4	16QAM	1	5	21.66	21.75	21.62	23	1			
1.4	16QAM	3	0	21.66	21.71	21.54					
1.4	16QAM	3	1	21.69	21.78	21.50					
1.4	16QAM	3	3	21.64	21.73	21.62	22	2			
1.4	16QAM	6	0	20.62	20.62	20.65					
1.4	64QAM	1	0	20.55	20.74	20.65					
1.4	64QAM	1	3	20.60	20.78	20.66	22	2			
1.4	64QAM	1	5	20.55	20.87	20.60					
1.4	64QAM	3	0	20.51	20.74	20.66					
1.4	64QAM	3	1	20.60	20.87	20.67	21	3			
1.4	64QAM	3	3	20.52	20.80	20.60					
1.4	64QAM	6	0	19.65	19.81	19.65					
1.4	256QAM	1	0	17.54	17.85	17.57	19	5			
1.4	256QAM	1	3	17.51	17.80	17.50					
1.4	256QAM	1	5	17.61	17.82	17.67					
1.4	256QAM	3	0	17.60	17.87	17.50	19	5			
1.4	256QAM	3	1	17.55	17.72	17.62					
1.4	256QAM	3	3	17.58	17.86	17.67					
1.4	256QAM	6	0	17.61	17.88	17.65	19	5			

Reduced Power Mode for DSI2_Other Path									
Band 5 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.60	22.79	22.58	24	0	
10	QPSK	1	25	22.60	22.66	22.66			
10	QPSK	1	49	22.60	22.54	22.66			
10	QPSK	25	0	21.75	21.76	21.64	23	1	
10	QPSK	25	12	21.66	21.64	21.74			
10	QPSK	25	25	21.64	21.64	21.65			
10	QPSK	50	0	21.49	21.81	21.64	23	1	
10	16QAM	1	0	21.55	21.86	21.67			
10	16QAM	1	25	21.64	21.52	21.76			
10	16QAM	1	49	21.76	21.56	21.70	22	2	
10	16QAM	25	0	20.79	20.74	20.43			
10	16QAM	25	12	20.68	20.68	20.68			
10	16QAM	25	25	20.74	20.50	20.49	22	2	
10	16QAM	50	0	20.68	20.52	20.74			
10	64QAM	1	0	20.66	20.81	20.53	22	2	
10	64QAM	1	25	20.70	20.58	20.63			
10	64QAM	1	49	20.75	20.45	20.53			
10	64QAM	25	0	19.65	19.54	19.43	21	3	
10	64QAM	25	12	19.66	19.54	19.78			
10	64QAM	25	25	19.56	19.67	19.55			
10	64QAM	50	0	19.62	19.39	19.71	19	5	
10	256QAM	1	0	17.68	17.76	17.57			
10	256QAM	1	25	17.80	17.80	17.82			
10	256QAM	1	49	17.79	17.52	17.84	19	5	
10	256QAM	25	0	17.56	17.66	17.69			
10	256QAM	25	12	17.87	17.51	17.74			
10	256QAM	25	25	17.68	17.45	17.75	19	5	
10	256QAM	50	0	17.64	17.68	17.80			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	22.31	22.59	22.32		24	
5	QPSK	1	12	22.26	22.42	22.38			
5	QPSK	1	24	22.46	22.37	22.39			
5	QPSK	12	0	21.57	21.60	21.52	23	1	
5	QPSK	12	7	21.44	21.37	21.52			
5	QPSK	12	13	21.40	21.44	21.38			
5	QPSK	25	0	21.20	21.65	21.43	23	1	
5	16QAM	1	0	21.44	21.69	21.42			
5	16QAM	1	12	21.47	21.28	21.53			
5	16QAM	1	24	21.57	21.39	21.42	22	2	
5	16QAM	12	0	20.56	20.62	20.28			
5	16QAM	12	7	20.40	20.45	20.48			
5	16QAM	12	13	20.60	20.25	20.33	22	2	
5	16QAM	25	0	20.53	20.37	20.48			
5	64QAM	1	0	20.38	20.55	20.41			
5	64QAM	1	12	20.48	20.41	20.37	22	2	
5	64QAM	1	24	20.59	20.30	20.33			
5	64QAM	12	0	19.44	19.37	19.19			
5	64QAM	12	7	19.39	19.39	19.59	21	3	
5	64QAM	12	13	19.34	19.48	19.34			
5	64QAM	25	0	19.35	19.20	19.56			
5	256QAM	1	0	17.43	17.55	17.35	19	5	
5	256QAM	1	12	17.56	17.60	17.60			
5	256QAM	1	24	17.66	17.35	17.66			
5	256QAM	12	0	17.28	17.43	17.48	19	5	
5	256QAM	12	7	17.61	17.34	17.57			
5	256QAM	12	13	17.46	17.32	17.57			
5	256QAM	25	0	17.47	17.42	17.57	Channel		
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	22.43	22.58	22.36	24	0	
3	QPSK	1	8	22.37	22.38	22.32			
3	QPSK	1	14	22.33	22.29	22.50			
3	QPSK	8	0	21.50	21.47	21.45	23	1	
3	QPSK	8	4	21.49	21.41	21.46			
3	QPSK	8	7	21.49	21.49	21.42			
3	QPSK	15	0	21.33	21.66	21.35	23	1	
3	16QAM	1	0	21.41	21.68	21.41			
3	16QAM	1	8	21.36	21.24	21.48			
3	16QAM	1	14	21.60	21.39	21.59	22	2	
3	16QAM	8	0	20.64	20.55	20.24			
3	16QAM	8	4	20.52	20.52	20.48			
3	16QAM	8	7	20.49	20.25	20.37	22	2	
3	16QAM	15	0	20.45	20.27	20.63			
3	64QAM	1	0	20.50	20.61	20.29			
3	64QAM	1	8	20.54	20.41	20.42	22	2	
3	64QAM	1	14	20.57	20.28	20.37			
3	64QAM	8	0	19.38	19.40	19.32			
3	64QAM	8	4	19.50	19.41	19.53	21	3	
3	64QAM	8	7	19.45	19.54	19.33			
3	64QAM	15	0	19.51	19.19	19.43			
3	256QAM	1	0	17.52	17.49	17.31	19	5	
3	256QAM	1	8	17.53	17.53	17.70			
3	256QAM	1	14	17.65	17.38	17.65			
3	256QAM	8	0	17.27	17.48	17.53	19	5	
3	256QAM	8	4	17.58	17.25	17.60			
3	256QAM	8	7	17.49	17.32	17.61			
3	256QAM	15	0	17.46	17.42	17.68	Channel		
Frequency (MHz)				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
				824.7	836.5	848.3			
1.4	QPSK	1	0	22.37	22.53	22.45		24	
1.4	QPSK	1	3	22.35	22.31	22.45			
1.4	QPSK	1	5	22.42	22.32	22.52			
1.4	QPSK	3	0	22.26	22.32	22.34	23	1	
1.4	QPSK	3	1	22.46	22.26	22.44			
1.4	QPSK	3	3	22.35	22.66	22.33			
1.4	QPSK	6	0	21.63	21.82	21.61	23	1	
1.4	16QAM	1	0	21.68	21.80	21.53			
1.4	16QAM	1	3	21.51	21.81	21.62			
1.4	16QAM	1	5	21.66	21.75	21.62	23	1	
1.4	16QAM	3	0	21.66	21.71	21.54			
1.4	16QAM	3	1	21.69	21.78	21.50			
1.4	16QAM	3	3	21.64	21.73	21.62	22	2	
1.4	16QAM	6	0	20.62	20.82	20.65			
1.4	64QAM	1	0	20.55	20.74	20.65			
1.4	64QAM	1	3	20.60	20.78	20.66	22	2	
1.4	64QAM	1	5	20.55	20.87	20.60			
1.4	64QAM	3	0	20.51	20.74	20.66			
1.4	64QAM	3	1	20.60	20.87	20.67	21	3	
1.4	64QAM	3	3	20.52	20.80	20.60			
1.4	64QAM	6	0	19.65	19.81	19.65			
1.4	256QAM	1	0	17.54	17.85	17.57	19	5	
1.4	256QAM	1	3	17.51	17.80	17.50			
1.4	256QAM	1	5	17.61	17.82	17.67			
1.4	256QAM	3	0	17.60	17.87	17.50	19	5	
1.4	256QAM	3	1	17.55	17.72	17.62			
1.4	256QAM	3	3	17.58	17.86	17.67			
1.4	256QAM	6	0	17.61	17.88	17.65	19	5	

Band 5 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.07	22.31	22.16	23.5	0	
10	QPSK	1	25	22.13	22.22	22.11			
10	QPSK	1	49	22.23	22.14	22.07			
10	QPSK	25	0	22.02	22.26	22.20			
10	QPSK	25	12	22.02	22.05	21.80	23	0.5	
10	QPSK	25	25	22.07	22.13	22.06			
10	QPSK	50	0	22.05	22.23	22.07			
10	16QAM	1	0	21.98	21.89	21.89			
10	16QAM	1	25	22.07	21.99	21.93	23	0.5	
10	16QAM	1	49	22.15	22.08	22.21			
10	16QAM	25	0	20.77	20.91	20.63			
10	16QAM	25	12	21.01	21.08	20.97			
10	16QAM	25	25	20.79	21.03	20.71	22	1.5	
10	16QAM	50	0	20.81	21.13	20.89			
10	64QAM	1	0	21.18	21.12	20.75			
10	64QAM	1	25	21.00	21.25	21.05			
10	64QAM	1	49	21.10	20.96	20.95	22	1.5	
10	64QAM	25	0	20.05	19.97	19.90			
10	64QAM	25	12	19.99	20.08	19.76			
10	64QAM	25	25	20.20	20.03	19.92			
10	64QAM	50	0	20.20	20.08	20.10	21	2.5	
10	256QAM	1	0	18.01	18.07	18.23			
10	256QAM	1	25	18.10	18.23	18.08			
10	256QAM	1	49	17.95	17.87	18.00			
10	256QAM	25	0	17.97	18.28	18.04	19	4.5	
10	256QAM	25	12	18.08	18.06	17.88			
10	256QAM	25	25	17.89	18.17	18.10			
10	256QAM	50	0	18.09	18.13	18.02			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	21.97	22.16	21.99	23.5	0	
5	QPSK	1	12	22.02	22.13	22.09			
5	QPSK	1	24	22.05	22.02	21.90			
5	QPSK	12	0	21.84	22.25	22.18			
5	QPSK	12	7	21.91	22.04	21.75	23	0.5	
5	QPSK	12	13	22.01	21.94	22.00			
5	QPSK	25	0	21.87	22.10	21.92			
5	16QAM	1	0	21.97	21.86	21.78			
5	16QAM	1	12	21.95	21.83	21.87	23	0.5	
5	16QAM	1	24	22.03	22.00	22.05			
5	16QAM	12	0	20.60	20.84	20.50			
5	16QAM	12	7	20.98	20.90	20.79			
5	16QAM	12	13	20.77	20.96	20.88	22	1.5	
5	16QAM	25	0	20.64	21.11	20.75			
5	64QAM	1	0	21.12	21.00	20.70			
5	64QAM	1	12	20.89	21.16	20.92			
5	64QAM	1	24	20.92	20.91	20.89	21	2.5	
5	64QAM	12	0	19.96	19.91	19.79			
5	64QAM	12	7	19.80	20.03	19.59			
5	64QAM	12	13	19.91	19.88	19.77			
5	64QAM	25	0	20.06	19.93	20.08	19	4.5	
5	256QAM	1	0	17.95	17.98	18.19			
5	256QAM	1	12	17.97	18.04	17.95			
5	256QAM	1	24	17.88	17.78	17.90			
5	256QAM	12	0	17.94	18.12	17.91	19	4.5	
5	256QAM	12	7	18.02	18.03	17.86			
5	256QAM	12	13	17.78	17.99	17.97			
5	256QAM	25	0	17.91	18.01	17.90			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	21.97	22.29	21.98	23.5	0	
3	QPSK	1	8	21.95	22.18	21.93			
3	QPSK	1	14	22.19	22.05	21.97			
3	QPSK	8	0	22.00	22.16	22.01			
3	QPSK	8	4	21.84	22.00	21.78	23	0.5	
3	QPSK	8	7	21.95	21.98	21.91			
3	QPSK	15	0	21.97	22.20	21.90			
3	16QAM	1	0	21.94	21.82	21.70			
3	16QAM	1	8	21.90	21.89	21.92	23	0.5	
3	16QAM	1	14	22.00	22.01	22.10			
3	16QAM	8	0	20.63	20.82	20.59			
3	16QAM	8	4	20.98	20.92	20.96			
3	16QAM	8	7	20.67	20.92	20.61	22	1.5	
3	16QAM	15	0	20.67	21.02	20.77			
3	64QAM	1	0	21.00	21.06	20.61			
3	64QAM	1	8	20.82	21.09	21.03			
3	64QAM	1	14	20.92	20.79	20.93	21	2.5	
3	64QAM	8	0	19.90	19.85	19.78			
3	64QAM	8	4	19.84	20.03	19.70			
3	64QAM	8	7	20.16	19.92	19.89			
3	64QAM	15	0	20.18	20.05	20.07	19	4.5	
3	256QAM	1	0	17.84	18.00	18.18			
3	256QAM	1	8	18.05	18.17	17.94			
3	256QAM	1	14	17.86	17.85	17.86			
3	256QAM	8	0	17.81	18.21	17.97	19	4.5	
3	256QAM	8	4	18.05	17.93	17.83			
3	256QAM	8	7	17.80	17.99	18.02			
3	256QAM	15	0	18.03	17.95	17.87			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	22.03	22.26	22.10	23.5	0	
1.4	QPSK	1	3	22.11	22.12	21.96			
1.4	QPSK	1	5	22.20	21.98	22.03			
1.4	QPSK	3	0	21.95	22.16	22.11			
1.4	QPSK	3	1	21.90	21.89	21.68	23	0.5	
1.4	QPSK	3	3	22.01	22.07	22.03			
1.4	QPSK	6	0	21.63	21.87	21.61			
1.4	16QAM	1	0	21.58	21.77	21.64			
1.4	16QAM	1	3	21.75	21.59	21.58	23	0.5	
1.4	16QAM	1	5	21.57	21.76	21.87			
1.4	16QAM	3	0	21.49	21.47	21.27			
1.4	16QAM	3	1	21.62	21.55	21.62			
1.4	16QAM	3	3	21.47	21.71	21.57	22	1.5	
1.4	16QAM	6	0	20.53	20.78	20.60			
1.4	64QAM	1	0	20.58	20.80	20.58			
1.4	64QAM	1	3	20.66	20.59	20.65			
1.4	64QAM	1	5	20.44	20.77	20.69	22	1.5	
1.4	64QAM	3	0	20.47	20.55	20.28			
1.4	64QAM	3	1	20.51	20.60	20.49			
1.4	64QAM	3	3	20.60	20.65	20.60			
1.4	64QAM	6	0	19.49	19.76	19.69	21	2.5	
1.4	256QAM	1	0	17.53	17.74	17.72			
1.4	256QAM	1	3	17.67	17.77	17.58			
1.4	256QAM	1	5	17.68	17.66	17.53			
1.4	256QAM	3	0	17.49	17.79	17.67	19	4.5	
1.4	256QAM	3	1	17.56	17.53	17.63			
1.4	256QAM	3	3	17.49	17.65	17.53			
1.4	256QAM	6	0	17.70	17.74	17.53			

Reduced Power Mode for DSI3_Other Path									
Band 5 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.60	22.79	22.58	24	0	
10	QPSK	1	25	22.60	22.79	22.58			
10	QPSK	1	49	22.60	22.54	22.66			
10	QPSK	25	0	21.75	21.76	21.64	23	1	
10	QPSK	25	12	21.66	21.64	21.74			
10	QPSK	25	25	21.64	21.64	21.65			
10	QPSK	50	0	21.49	21.81	21.64	23	1	
10	16QAM	1	0	21.55	21.86	21.67			
10	16QAM	1	25	21.64	21.52	21.76			
10	16QAM	1	49	21.76	21.56	21.70	22	2	
10	16QAM	25	0	20.79	20.74	20.43			
10	16QAM	25	12	20.68	20.68	20.68			
10	16QAM	25	25	20.74	20.50	20.49	22	2	
10	16QAM	50	0	20.68	20.52	20.74			
10	64QAM	1	0	20.66	20.81	20.53	22	2	
10	64QAM	1	25	20.70	20.58	20.63			
10	64QAM	1	49	20.75	20.45	20.53			
10	64QAM	25	0	19.65	19.54	19.43	21	3	
10	64QAM	25	12	19.66	19.54	19.78			
10	64QAM	25	25	19.56	19.67	19.55			
10	64QAM	50	0	19.62	19.39	19.71	19	5	
10	256QAM	1	0	17.68	17.76	17.57			
10	256QAM	1	25	17.80	17.80	17.82			
10	256QAM	1	49	17.79	17.52	17.84	19	5	
10	256QAM	25	0	17.56	17.66	17.69			
10	256QAM	25	12	17.87	17.51	17.74			
10	256QAM	25	25	17.68	17.45	17.75	19	5	
10	256QAM	50	0	17.64	17.68	17.80			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	22.31	22.59	22.32	24	0	
5	QPSK	1	12	22.26	22.42	22.38			
5	QPSK	1	24	22.46	22.37	22.39			
5	QPSK	12	0	21.57	21.60	21.52	23	1	
5	QPSK	12	7	21.44	21.37	21.52			
5	QPSK	12	13	21.40	21.44	21.38			
5	QPSK	25	0	21.20	21.65	21.43	23	1	
5	16QAM	1	0	21.44	21.69	21.42			
5	16QAM	1	12	21.47	21.28	21.53			
5	16QAM	1	24	21.57	21.39	21.42	22	2	
5	16QAM	12	0	20.56	20.62	20.28			
5	16QAM	12	7	20.40	20.45	20.48			
5	16QAM	12	13	20.60	20.25	20.33	22	2	
5	16QAM	25	0	20.53	20.37	20.48			
5	64QAM	1	0	20.38	20.55	20.41			
5	64QAM	1	12	20.48	20.41	20.37	22	2	
5	64QAM	1	24	20.59	20.30	20.33			
5	64QAM	12	0	19.44	19.37	19.19			
5	64QAM	12	7	19.39	19.39	19.59	21	3	
5	64QAM	12	13	19.34	19.48	19.34			
5	64QAM	25	0	19.35	19.20	19.56			
5	256QAM	1	0	17.43	17.55	17.35	19	5	
5	256QAM	1	12	17.56	17.60	17.60			
5	256QAM	1	24	17.66	17.35	17.66			
5	256QAM	12	0	17.28	17.43	17.48	19	5	
5	256QAM	12	7	17.61	17.34	17.57			
5	256QAM	12	13	17.46	17.32	17.57			
5	256QAM	25	0	17.47	17.42	17.57			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	22.43	22.58	22.36	24	0	
3	QPSK	1	8	22.37	22.38	22.32			
3	QPSK	1	14	22.33	22.29	22.50			
3	QPSK	8	0	21.50	21.47	21.45	23	1	
3	QPSK	8	4	21.49	21.41	21.46			
3	QPSK	8	7	21.49	21.49	21.42			
3	QPSK	15	0	21.33	21.66	21.35	23	1	
3	16QAM	1	0	21.41	21.68	21.41			
3	16QAM	1	8	21.36	21.24	21.48			
3	16QAM	1	14	21.60	21.39	21.59	22	2	
3	16QAM	8	0	20.64	20.55	20.24			
3	16QAM	8	4	20.52	20.52	20.48			
3	16QAM	8	7	20.49	20.25	20.37	22	2	
3	16QAM	15	0	20.45	20.27	20.63			
3	64QAM	1	0	20.50	20.61	20.29			
3	64QAM	1	8	20.54	20.41	20.42	22	2	
3	64QAM	1	14	20.57	20.28	20.37			
3	64QAM	8	0	19.38	19.40	19.32			
3	64QAM	8	4	19.50	19.41	19.53	21	3	
3	64QAM	8	7	19.45	19.54	19.33			
3	64QAM	15	0	19.51	19.19	19.43			
3	256QAM	1	0	17.52	17.49	17.31	19	5	
3	256QAM	1	8	17.53	17.53	17.70			
3	256QAM	1	14	17.65	17.38	17.65			
3	256QAM	8	0	17.27	17.48	17.53	19	5	
3	256QAM	8	4	17.58	17.25	17.60			
3	256QAM	8	7	17.49	17.32	17.61			
3	256QAM	15	0	17.46	17.42	17.68			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	22.37	22.53	22.45	24	0	
1.4	QPSK	1	3	22.35	22.31	22.45			
1.4	QPSK	1	5	22.42	22.32	22.52			
1.4	QPSK	3	0	22.26	22.32	22.34	23	1	
1.4	QPSK	3	1	22.46	22.26	22.44			
1.4	QPSK	3	3	22.35	22.66	22.33			
1.4	QPSK	6	0	21.63	21.82	21.61	23	1	
1.4	16QAM	1	0	21.68	21.80	21.53			
1.4	16QAM	1	3	21.51	21.81	21.62			
1.4	16QAM	1	5	21.66	21.75	21.62	23	1	
1.4	16QAM	3	0	21.66	21.71	21.54			
1.4	16QAM	3	1	21.69	21.78	21.50			
1.4	16QAM	3	3	21.64	21.73	21.62	22	2	
1.4	16QAM	6	0	20.62	20.82	20.65			
1.4	64QAM	1	0	20.55	20.74	20.65			
1.4	64QAM	1	3	20.60	20.78	20.66	22	2	
1.4	64QAM	1	5	20.55	20.87	20.60			
1.4	64QAM	3	0	20.51	20.74	20.66			
1.4	64QAM	3	1	20.60	20.87	20.67	21	3	
1.4	64QAM	3	3	20.52	20.80	20.60			
1.4	64QAM	6	0	19.65	19.81	19.65			
1.4	256QAM	1	0	17.54	17.85	17.57	19	5	
1.4	256QAM	1	3	17.51	17.80	17.50			
1.4	256QAM	1	5	17.61	17.82	17.67			
1.4	256QAM	3	0	17.60	17.87	17.50	19	5	
1.4	256QAM	3	1	17.55	17.72	17.62			
1.4	256QAM	3	3	17.58	17.86	17.67			
1.4	256QAM	6	0	17.61	17.88	17.65	19	5	

Band 5 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	21.57	21.65	21.63	22.8	0	
10	QPSK	1	25	21.59	21.52	21.56			
10	QPSK	1	49	21.44	21.35	21.31			
10	QPSK	25	0	21.49	21.61	21.45			
10	QPSK	25	12	21.18	21.59	21.47	22.8	0	
10	QPSK	25	25	21.26	21.28	21.27			
10	QPSK	50	0	21.21	21.49	21.41			
10	16QAM	1	0	21.05	21.47	21.51			
10	16QAM	1	25	21.23	21.35	21.23	22.8	0	
10	16QAM	1	49	21.49	21.41	21.51			
10	16QAM	25	0	20.46	20.26	20.12			
10	16QAM	25	12	20.26	20.37	20.49			
10	16QAM	25	25	20.21	20.31	20.24	22	0.8	
10	16QAM	50	0	20.32	20.46	20.43			
10	64QAM	1	0	20.44	20.43	20.03			
10	64QAM	1	25	20.36	20.43	20.28			
10	64QAM	1	49	20.51	20.45	20.36	22	0.8	
10	64QAM	25	0	19.45	19.29	19.21			
10	64QAM	25	12	19.51	19.25	19.21			
10	64QAM	25	25	19.40	19.41	19.35			
10	64QAM	50	0	19.46	19.58	19.39	19	3.8	
10	256QAM	1	0	17.42	17.11	17.48			
10	256QAM	1	25	17.59	17.45	17.46			
10	256QAM	1	49	17.28	17.15	17.55			
10	256QAM	25	0	17.44	17.49	17.48	19	3.8	
10	256QAM	25	12	17.50	17.26	17.13			
10	256QAM	25	25	17.19	17.45	17.38			
10	256QAM	50	0	17.67	17.51	17.44			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	21.44	21.58	21.57	22.8	0	
5	QPSK	1	12	21.22	21.45	21.31			
5	QPSK	1	24	21.09	21.32	21.24			
5	QPSK	12	0	21.41	21.51	21.40			
5	QPSK	12	7	21.14	21.55	21.42	22.8	0	
5	QPSK	12	13	21.23	21.25	21.24			
5	QPSK	25	0	21.14	21.44	21.37			
5	16QAM	1	0	21.00	21.45	21.43			
5	16QAM	1	12	21.19	21.31	21.20	22.8	0	
5	16QAM	1	24	21.43	21.35	21.43			
5	16QAM	12	0	20.43	20.21	20.07			
5	16QAM	12	7	20.20	20.30	20.43			
5	16QAM	12	13	20.18	20.29	20.20	22	0.8	
5	16QAM	25	0	20.26	20.40	20.39			
5	64QAM	1	0	20.36	20.35	20.15			
5	64QAM	1	12	20.29	20.40	20.21			
5	64QAM	1	24	20.45	20.38	20.29	21	1.8	
5	64QAM	12	0	19.41	19.24	19.15			
5	64QAM	12	7	19.47	19.22	19.16			
5	64QAM	12	13	19.34	19.34	19.32			
5	64QAM	25	0	19.44	19.51	19.32	19	3.8	
5	256QAM	1	0	17.34	17.06	17.42			
5	256QAM	1	12	17.53	17.37	17.40			
5	256QAM	1	24	17.23	17.09	17.50			
5	256QAM	12	0	17.39	17.42	17.44	19	3.8	
5	256QAM	12	7	17.45	17.20	17.08			
5	256QAM	12	13	17.17	17.38	17.35			
5	256QAM	25	0	17.65	17.45	17.42			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	21.44	21.55	21.59	22.8	0	
3	QPSK	1	8	21.25	21.44	21.31			
3	QPSK	1	14	21.11	21.29	21.26			
3	QPSK	8	0	21.46	21.47	21.40			
3	QPSK	8	4	21.11	21.53	21.43	22.8	0	
3	QPSK	8	7	21.24	21.20	21.23			
3	QPSK	15	0	21.18	21.46	21.33			
3	16QAM	1	0	20.99	21.39	21.46			
3	16QAM	1	8	21.17	21.30	21.15	22.8	0	
3	16QAM	1	14	21.41	21.39	21.47			
3	16QAM	8	0	20.39	20.19	20.07			
3	16QAM	8	4	20.21	20.29	20.41			
3	16QAM	8	7	20.19	20.23	20.18	22	0.8	
3	16QAM	15	0	20.26	20.30	20.39			
3	64QAM	1	0	20.41	20.36	20.05			
3	64QAM	1	8	20.32	20.36	20.26			
3	64QAM	1	14	20.49	20.37	20.30	21	1.8	
3	64QAM	8	0	19.42	19.27	19.14			
3	64QAM	8	4	19.46	19.22	19.18			
3	64QAM	8	7	19.37	19.38	19.30			
3	64QAM	15	0	19.41	19.52	19.31	19	3.8	
3	256QAM	1	0	17.36	17.33	17.40			
3	256QAM	1	8	17.54	17.42	17.38			
3	256QAM	1	14	17.24	17.10	17.51			
3	256QAM	8	0	17.40	17.44	17.43	19	3.8	
3	256QAM	8	4	17.43	17.18	17.07			
3	256QAM	8	7	17.16	17.41	17.34			
3	256QAM	15	0	17.61	17.44	17.40			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	21.16	21.24	21.24	22.8	0	
1.4	QPSK	1	3	21.03	21.32	21.12			
1.4	QPSK	1	5	21.02	21.47	21.04			
1.4	QPSK	3	0	21.10	21.37	21.00			
1.4	QPSK	3	1	21.11	21.35	21.31	22.8	0	
1.4	QPSK	3	3	21.04	21.32	21.23			
1.4	QPSK	6	0	21.22	21.32	21.35			
1.4	16QAM	1	0	20.94	21.22	21.36			
1.4	16QAM	1	3	21.00	21.08	21.01	22	0.8	
1.4	16QAM	1	5	21.04	21.30	21.39			
1.4	16QAM	3	0	20.93	21.33	21.27			
1.4	16QAM	3	1	21.21	21.00	20.99			
1.4	16QAM	3	3	21.16	21.36	21.41	22	0.8	
1.4	16QAM	6	0	20.24	20.26	20.14			
1.4	64QAM	1	0	20.45	20.45	20.24			
1.4	64QAM	1	3	20.32	20.35	20.20			
1.4	64QAM	1	5	20.30	20.21	20.35	21	1.8	
1.4	64QAM	3	0	20.12	20.22	20.21			
1.4	64QAM	3	1	20.27	20.22	20.08			
1.4	64QAM	3	3	20.31	20.32	20.17			
1.4	64QAM	6	0	19.53	19.30	19.24	19	3.8	
1.4	256QAM	1	0	17.42	17.32	17.27			
1.4	256QAM	1	3	17.51	17.49	17.37			
1.4	256QAM	1	5	17.33	17.24	17.45			
1.4	256QAM	3	0	17.29	17.22	17.34	19	3.8	
1.4	256QAM	3	1	17.34	17.07	17.19			
1.4	256QAM	3	3	17.23	17.41	17.21			
1.4	256QAM	6	0	17.45	17.28	17.18			

Reduced Power Mode for DSI6_Other Path											
Band 5 Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	22.60	22.79	22.58	24	0			
10	QPSK	1	25	22.55	22.56	22.60					
10	QPSK	1	49	22.60	22.54	22.66					
10	QPSK	25	0	21.75	21.76	21.64	23	1			
10	QPSK	25	12	21.66	21.64	21.74					
10	QPSK	25	25	21.64	21.64	21.65					
10	QPSK	50	0	21.49	21.81	21.64	23	1			
10	16QAM	1	0	21.55	21.86	21.67					
10	16QAM	1	25	21.64	21.52	21.76					
10	16QAM	1	49	21.76	21.56	21.70	22	2			
10	16QAM	25	0	20.79	20.74	20.43					
10	16QAM	25	12	20.68	20.68	20.68					
10	16QAM	25	25	20.74	20.50	20.49	22	2			
10	16QAM	50	0	20.68	20.52	20.74					
10	64QAM	1	0	20.66	20.81	20.53	22	2			
10	64QAM	1	25	20.70	20.58	20.63					
10	64QAM	1	49	20.75	20.45	20.53					
10	64QAM	25	0	19.65	19.54	19.43	21	3			
10	64QAM	25	12	19.66	19.54	19.78					
10	64QAM	25	25	19.56	19.67	19.55					
10	64QAM	50	0	19.62	19.39	19.71	19	5			
10	256QAM	1	0	17.68	17.76	17.57					
10	256QAM	1	25	17.80	17.80	17.82					
10	256QAM	1	49	17.79	17.52	17.84	19	5			
10	256QAM	25	0	17.56	17.66	17.69					
10	256QAM	25	12	17.87	17.51	17.74					
10	256QAM	25	25	17.68	17.45	17.75	19	5			
10	256QAM	50	0	17.64	17.68	17.80					
Channel				20425	20525	20625					
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	0	22.31	22.59	22.32	24	0			
5	QPSK	1	12	22.26	22.42	22.38					
5	QPSK	1	24	22.46	22.37	22.39					
5	QPSK	12	0	21.57	21.60	21.52	23	1			
5	QPSK	12	7	21.44	21.37	21.52					
5	QPSK	12	13	21.40	21.44	21.38					
5	QPSK	25	0	21.20	21.65	21.43	23	1			
5	16QAM	1	0	21.44	21.69	21.42					
5	16QAM	1	12	21.47	21.28	21.53					
5	16QAM	1	24	21.57	21.39	21.42	22	2			
5	16QAM	12	0	20.56	20.62	20.28					
5	16QAM	12	7	20.40	20.45	20.48					
5	16QAM	12	13	20.60	20.25	20.33	22	2			
5	16QAM	25	0	20.53	20.37	20.48					
5	64QAM	1	0	20.38	20.55	20.41					
5	64QAM	1	12	20.48	20.41	20.37	22	2			
5	64QAM	1	24	20.59	20.30	20.33					
5	64QAM	12	0	19.44	19.37	19.19					
5	64QAM	12	7	19.39	19.39	19.59	21	3			
5	64QAM	12	13	19.34	19.48	19.34					
5	64QAM	25	0	19.35	19.20	19.56					
5	256QAM	1	0	17.43	17.55	17.35	19	5			
5	256QAM	1	12	17.56	17.60	17.60					
5	256QAM	1	24	17.66	17.35	17.66					
5	256QAM	12	0	17.28	17.43	17.48	19	5			
5	256QAM	12	7	17.61	17.34	17.57					
5	256QAM	12	13	17.46	17.32	17.57					
5	256QAM	25	0	17.47	17.42	17.57					
Channel				20415	20525	20635					
Frequency (MHz)				825.5	836.5	847.5					
3	QPSK	1	0	22.43	22.58	22.36	24	0			
3	QPSK	1	8	22.37	22.38	22.32					
3	QPSK	1	14	22.33	22.29	22.50					
3	QPSK	8	0	21.50	21.47	21.45	23	1			
3	QPSK	8	4	21.49	21.41	21.46					
3	QPSK	8	7	21.49	21.49	21.42					
3	QPSK	15	0	21.33	21.66	21.35	23	1			
3	16QAM	1	0	21.41	21.68	21.41					
3	16QAM	1	8	21.36	21.24	21.48					
3	16QAM	1	14	21.60	21.39	21.59	22	2			
3	16QAM	8	0	20.64	20.55	20.24					
3	16QAM	8	4	20.52	20.52	20.48					
3	16QAM	8	7	20.49	20.25	20.37	22	2			
3	16QAM	15	0	20.45	20.27	20.63					
3	64QAM	1	0	20.50	20.61	20.29					
3	64QAM	1	8	20.54	20.41	20.42	22	2			
3	64QAM	1	14	20.57	20.28	20.37					
3	64QAM	8	0	19.38	19.40	19.32					
3	64QAM	8	4	19.50	19.41	19.53	21	3			
3	64QAM	8	7	19.45	19.54	19.33					
3	64QAM	15	0	19.51	19.19	19.43					
3	256QAM	1	0	17.52	17.49	17.31	19	5			
3	256QAM	1	8	17.53	17.53	17.70					
3	256QAM	1	14	17.65	17.38	17.65					
3	256QAM	8	0	17.27	17.48	17.53	19	5			
3	256QAM	8	4	17.58	17.25	17.60					
3	256QAM	8	7	17.49	17.32	17.61					
3	256QAM	15	0	17.46	17.42	17.68					
Channel				20407	20525	20643					
Frequency (MHz)				824.7	836.5	848.3					
1.4	QPSK	1	0	22.37	22.53	22.45	24	0			
1.4	QPSK	1	3	22.35	22.31	22.45					
1.4	QPSK	1	5	22.42	22.32	22.52					
1.4	QPSK	3	0	22.26	22.32	22.34	23	1			
1.4	QPSK	3	1	22.46	22.26	22.44					
1.4	QPSK	3	3	22.35	22.66	22.33					
1.4	QPSK	6	0	21.63	21.82	21.61	23	1			
1.4	16QAM	1	0	21.68	21.80	21.53					
1.4	16QAM	1	3	21.51	21.81	21.62					
1.4	16QAM	1	5	21.66	21.75	21.62	23	1			
1.4	16QAM	3	0	21.66	21.71	21.54					
1.4	16QAM	3	1	21.69	21.78	21.50					
1.4	16QAM	3	3	21.64	21.73	21.62	22	2			
1.4	16QAM	6	0	20.82	20.82	20.65					
1.4	64QAM	1	0	20.55	20.74	20.65					
1.4	64QAM	1	3	20.60	20.78	20.66	22	2			
1.4	64QAM	1	5	20.55	20.87	20.60					
1.4	64QAM	3	0	20.51	20.74	20.66					
1.4	64QAM	3	1	20.60	20.87	20.67	21	3			
1.4	64QAM	3	3	20.52	20.80	20.60					
1.4	64QAM	6	0	19.65	19.81	19.65					
1.4	256QAM	1	0	17.54	17.85	17.57	21	3			
1.4	256QAM	1	3	17.51	17.80	17.50					
1.4	256QAM	1	5	17.61	17.82	17.67					
1.4	256QAM	3	0	17.60	17.87	17.50	19	5			
1.4	256QAM	3	1	17.55	17.72	17.62					
1.4	256QAM	3	3	17.58	17.86	17.67					
1.4	256QAM	6	0	17.61	17.88	17.65	19	5			

Band 7 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.80	20.95	20.91	21.8	0	
20	QPSK	1	49	20.83	20.90	20.77			
20	QPSK	1	99	20.72	20.87	20.87			
20	QPSK	50	0	20.87	20.92	20.90			
20	QPSK	50	24	20.80	20.82	20.83	21.8	0	
20	QPSK	50	50	20.84	20.85	20.75			
20	QPSK	100	0	20.87	20.90	20.78			
20	16QAM	1	0	20.83	20.79	20.90			
20	16QAM	1	49	20.86	20.82	20.81	21.8	0	
20	16QAM	1	99	20.84	20.90	20.87			
20	16QAM	50	0	20.72	20.86	20.94			
20	16QAM	50	24	20.82	20.81	20.84			
20	16QAM	50	50	20.87	20.90	20.79	21.8	0	
20	16QAM	100	0	20.73	20.82	20.79			
20	64QAM	1	0	20.73	20.84	20.90			
20	64QAM	1	49	20.80	20.86	20.81			
20	64QAM	1	99	20.83	20.84	20.87	21	0.8	
20	64QAM	50	0	19.57	19.54	19.48			
20	64QAM	50	24	19.56	19.59	19.55			
20	64QAM	50	50	19.58	19.49	19.56			
20	64QAM	100	0	19.69	19.55	19.45	19	2.8	
20	256QAM	1	0	17.54	17.52	17.69			
20	256QAM	1	49	17.52	17.48	17.60			
20	256QAM	1	99	17.80	17.58	17.46			
20	256QAM	50	0	17.34	17.43	17.66	19	2.8	
20	256QAM	50	24	17.53	17.57	17.42			
20	256QAM	50	50	17.38	17.65	17.66			
20	256QAM	100	0	17.43	17.56	17.68			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	20.70	20.87	20.80	21.8	0	
15	QPSK	1	37	20.75	20.78	20.65			
15	QPSK	1	74	20.60	20.74	20.78			
15	QPSK	36	0	20.77	20.79	20.79			
15	QPSK	36	20	20.67	20.75	20.73	21.8	0	
15	QPSK	36	39	20.73	20.78	20.64			
15	QPSK	75	0	20.77	20.79	20.66			
15	16QAM	1	0	20.76	20.72	20.80			
15	16QAM	1	37	20.78	20.72	20.70	21.8	0	
15	16QAM	1	74	20.71	20.78	20.79			
15	16QAM	36	0	20.63	20.77	20.84			
15	16QAM	36	20	20.75	20.71	20.71			
15	16QAM	36	39	20.74	20.81	20.89	21.8	0	
15	16QAM	75	0	20.64	20.71	20.71			
15	64QAM	1	0	20.65	20.74	20.82			
15	64QAM	1	37	20.68	20.75	20.80			
15	64QAM	1	74	20.73	20.71	20.76	21	0.8	
15	64QAM	36	0	19.47	19.45	19.37			
15	64QAM	36	20	19.46	19.47	19.45			
15	64QAM	36	39	19.48	19.41	19.44			
15	64QAM	75	0	19.59	19.44	19.34	19	2.8	
15	256QAM	1	0	17.45	17.44	17.61			
15	256QAM	1	37	17.41	17.37	17.48			
15	256QAM	1	74	17.51	17.50	17.38			
15	256QAM	36	0	17.22	17.35	17.53	19	2.8	
15	256QAM	36	20	17.41	17.49	17.30			
15	256QAM	36	39	17.26	17.55	17.56			
15	256QAM	75	0	17.34	17.43	17.61			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	20.70	20.88	20.82	21.8	0	
10	QPSK	1	25	20.71	20.80	20.69			
10	QPSK	1	49	20.63	20.77	20.78			
10	QPSK	25	0	20.79	20.82	20.79			
10	QPSK	25	12	20.72	20.74	20.75	21.8	0	
10	QPSK	25	25	20.72	20.73	20.64			
10	QPSK	50	0	20.77	20.82	20.70			
10	16QAM	1	0	20.75	20.70	20.83			
10	16QAM	1	25	20.76	20.70	20.69	21.8	0	
10	16QAM	1	49	20.76	20.80	20.77			
10	16QAM	25	0	20.63	20.78	20.81			
10	16QAM	25	12	20.74	20.74	20.72			
10	16QAM	25	25	20.77	20.80	20.68	21.8	0	
10	16QAM	50	0	20.60	20.75	20.71			
10	64QAM	1	0	20.64	20.77	20.80			
10	64QAM	1	25	20.72	20.73	20.83			
10	64QAM	1	49	20.71	20.71	20.77	21	0.8	
10	64QAM	25	0	19.48	19.44	19.37			
10	64QAM	25	12	19.46	19.51	19.42			
10	64QAM	25	25	19.46	19.41	19.47			
10	64QAM	50	0	19.56	19.42	19.37	19	2.8	
10	256QAM	1	0	17.45	17.41	17.62			
10	256QAM	1	25	17.41	17.38	17.50			
10	256QAM	1	49	17.53	17.51	17.34			
10	256QAM	25	0	17.22	17.32	17.57	19	2.8	
10	256QAM	25	12	17.43	17.47	17.29			
10	256QAM	25	25	17.26	17.55	17.56			
10	256QAM	50	0	17.34	17.48	17.60			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	20.73	20.86	20.82	21.8	0	
5	QPSK	1	12	20.73	20.78	20.69			
5	QPSK	1	24	20.64	20.79	20.76			
5	QPSK	12	0	20.76	20.81	20.82			
5	QPSK	12	7	20.70	20.70	20.73	21.8	0	
5	QPSK	12	13	20.72	20.73	20.66			
5	QPSK	25	0	20.76	20.81	20.70			
5	16QAM	1	0	20.73	20.72	20.78			
5	16QAM	1	12	20.76	20.73	20.69	21.8	0	
5	16QAM	1	24	20.71	20.77	20.74			
5	16QAM	12	0	20.61	20.77	20.82			
5	16QAM	12	7	20.73	20.71	20.72			
5	16QAM	12	13	20.75	20.78	20.70	21.8	0	
5	16QAM	25	0	20.65	20.71	20.72			
5	64QAM	1	0	20.60	20.74	20.83			
5	64QAM	1	12	20.68	20.76	20.82			
5	64QAM	1	24	20.75	20.78	20.77	21	0.8	
5	64QAM	12	0	19.49	19.42	19.40			
5	64QAM	12	7	19.46	19.48	19.45			
5	64QAM	12	13	19.48	19.42	19.46			
5	64QAM	25	0	19.58	19.44	19.37	19	2.8	
5	256QAM	1	0	17.42	17.39	17.58			
5	256QAM	1	12	17.41	17.38	17.51			
5	256QAM	1	24	17.48	17.47	17.36			
5	256QAM	12	0	17.24	17.31	17.55	19	2.8	
5	256QAM	12	7	17.44	17.46	17.35			
5	256QAM	12	13	17.31	17.55	17.57			
5	256QAM	25	0	17.33	17.47	17.59			

Band 5 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.04	23.15	22.96	24	0	
10	QPSK	1	25	22.91	22.85	22.80			
10	QPSK	1	49	22.90	23.09	22.82			
10	QPSK	25	0	22.03	22.08	22.01	23	1	
10	QPSK	25	12	21.89	21.91	21.71			
10	QPSK	25	25	21.95	21.95	21.93			
10	QPSK	50	0	22.00	22.02	22.01	23	1	
10	16QAM	1	0	21.93	21.85	21.85			
10	16QAM	1	25	21.94	21.88	21.83			
10	16QAM	1	49	22.20	21.94	22.07	22	2	
10	16QAM	25	0	20.78	20.80	20.61			
10	16QAM	25	12	20.85	21.09	20.83			
10	16QAM	25	25	20.65	20.88	20.67	22	2	
10	16QAM	50	0	20.77	20.99	20.77			
10	64QAM	1	0	21.01	20.96	20.75			
10	64QAM	1	25	20.90	21.08	20.89	21	3	
10	64QAM	1	49	20.91	20.82	20.85			
10	64QAM	25	0	19.96	19.93	19.81			
10	64QAM	25	12	19.96	20.02	19.64	19	5	
10	64QAM	25	25	20.09	20.02	19.84			
10	64QAM	50	0	20.12	19.93	20.07			
10	256QAM	1	0	17.99	17.93	18.07	19	5	
10	256QAM	1	25	18.00	18.18	17.99			
10	256QAM	1	49	17.81	17.86	17.94			
10	256QAM	25	0	17.75	18.11	17.90	19	5	
10	256QAM	25	12	17.96	17.76	17.72			
10	256QAM	25	25	17.81	17.97	17.91			
10	256QAM	50	0	18.00	18.00	17.85			
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.93	23.06	22.90	24	0	
5	QPSK	1	12	22.86	22.79	22.75			
5	QPSK	1	24	22.83	23.02	22.79			
5	QPSK	12	0	21.97	22.04	21.99	23	1	
5	QPSK	12	7	21.86	21.82	21.62			
5	QPSK	12	13	21.89	21.95	21.90			
5	QPSK	25	0	21.93	21.98	21.95	23	1	
5	16QAM	1	0	21.86	21.79	21.78			
5	16QAM	1	12	21.89	21.84	21.79			
5	16QAM	1	24	22.15	21.87	21.99	22	2	
5	16QAM	12	0	20.70	20.73	20.59			
5	16QAM	12	7	20.77	21.00	20.77			
5	16QAM	12	13	20.59	20.81	20.80	22	2	
5	16QAM	25	0	20.72	20.90	20.67			
5	64QAM	1	0	20.97	20.94	20.66			
5	64QAM	1	12	20.83	21.01	20.83	21	3	
5	64QAM	1	24	20.88	20.78	20.81			
5	64QAM	12	0	19.94	19.86	19.76			
5	64QAM	12	7	19.92	19.95	19.58	19	5	
5	64QAM	12	13	20.00	19.94	19.75			
5	64QAM	25	0	20.11	19.93	20.01			
5	256QAM	1	0	17.96	17.84	17.99	19	5	
5	256QAM	1	12	17.94	18.10	17.95			
5	256QAM	1	24	17.77	17.83	17.87			
5	256QAM	12	0	17.70	18.04	17.87	19	5	
5	256QAM	12	7	17.90	17.67	17.67			
5	256QAM	12	13	17.76	17.94	17.91			
5	256QAM	25	0	17.94	17.95	17.81			
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	22.94	23.07	22.93	24	0	
3	QPSK	1	8	22.86	22.80	22.76			
3	QPSK	1	14	22.88	23.03	22.80			
3	QPSK	8	0	21.97	22.06	21.99	23	1	
3	QPSK	8	4	21.83	21.82	21.64			
3	QPSK	8	7	21.91	21.94	21.90			
3	QPSK	15	0	21.97	22.01	21.94	23	1	
3	16QAM	1	0	21.84	21.78	21.75			
3	16QAM	1	8	21.90	21.81	21.81			
3	16QAM	1	14	22.15	21.87	21.98	22	2	
3	16QAM	8	0	20.70	20.76	20.57			
3	16QAM	8	4	20.78	21.03	20.79			
3	16QAM	8	7	20.63	20.78	20.59	22	2	
3	16QAM	15	0	20.69	20.91	20.68			
3	64QAM	1	0	21.02	20.89	20.69			
3	64QAM	1	8	20.87	21.05	20.86	21	3	
3	64QAM	1	14	20.85	20.77	20.84			
3	64QAM	8	0	19.96	19.89	19.75			
3	64QAM	8	4	19.89	19.98	19.62	19	5	
3	64QAM	8	7	20.00	19.97	19.79			
3	64QAM	15	0	20.11	19.88	19.98			
3	256QAM	1	0	17.92	17.90	18.03	19	5	
3	256QAM	1	8	17.95	18.12	17.93			
3	256QAM	1	14	17.77	17.82	17.86			
3	256QAM	8	0	17.67	18.04	17.90	19	5	
3	256QAM	8	4	17.02	17.72	17.68			
3	256QAM	8	7	17.76	17.93	17.89			
3	256QAM	15	0	17.99	18.00	17.82			
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	22.96	23.09	22.90	24	0	
1.4	QPSK	1	3	22.85	22.83	22.77			
1.4	QPSK	1	5	22.85	23.03	22.80			
1.4	QPSK	3	0	22.83	22.91	22.72	23	1	
1.4	QPSK	3	1	22.84	22.93	22.76			
1.4	QPSK	3	3	22.79	22.92	22.73			
1.4	QPSK	6	0	21.98	22.12	21.89	22	2	
1.4	16QAM	1	0	21.95	22.10	21.88			
1.4	16QAM	1	3	21.94	22.08	21.91			
1.4	16QAM	1	5	21.95	22.12	21.88	22	2	
1.4	16QAM	3	0	21.96	22.11	21.90			
1.4	16QAM	3	1	21.95	22.12	21.88			
1.4	16QAM	3	3	21.95	22.09	21.88	21	3	
1.4	16QAM	6	0	20.97	21.08	20.88			
1.4	64QAM	1	0	20.96	21.08	20.92			
1.4	64QAM	1	3	20.98	21.09	20.92	19	5	
1.4	64QAM	1	5	20.96	21.11	20.89			
1.4	64QAM	3	0	20.95	21.08	20.93			
1.4	64QAM	3	1	20.95	21.08	20.89	19	5	
1.4	64QAM	3	3	20.96	21.06	20.93			
1.4	64QAM	6	0	19.94	20.11	19.92			
1.4	256QAM	1	0	17.94	18.11	17.88	19	5	
1.4	256QAM	1	3	17.98	18.08	17.91			
1.4	256QAM	1	5	17.98	18.08	17.89			
1.4	256QAM	3	0	17.95	18.11	17.88	19	5	
1.4	256QAM	3	1	17.95	18.07	17.93			
1.4	256QAM	3	3	17.93	18.11	17.91			
1.4	256QAM	6	0	17.94	18.12	17.88	19	5	

Reduced Power Mode for DSI7_Other Path										
Band 5 Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	22.60	22.79	22.58	24	0		
10	QPSK	1	25	22.55	22.56	22.60				
10	QPSK	1	49	22.60	22.54	22.66				
10	QPSK	25	0	21.75	21.76	21.64	23	1		
10	QPSK	25	12	21.66	21.64	21.74				
10	QPSK	25	25	21.64	21.64	21.65				
10	QPSK	50	0	21.49	21.81	21.64	23	1		
10	16QAM	1	0	21.55	21.86	21.67				
10	16QAM	1	25	21.64	21.52	21.76				
10	16QAM	1	49	21.76	21.56	21.70	22	2		
10	16QAM	25	0	20.79	20.74	20.43				
10	16QAM	25	12	20.68	20.68	20.68				
10	16QAM	25	25	20.74	20.50	20.49	22	2		
10	16QAM	50	0	20.68	20.52	20.74				
10	64QAM	1	0	20.66	20.81	20.53	22	2		
10	64QAM	1	25	20.70	20.58	20.63				
10	64QAM	1	49	20.75	20.45	20.53				
10	64QAM	25	0	19.65	19.54	19.43	21	3		
10	64QAM	25	12	19.66	19.54	19.78				
10	64QAM	25	25	19.56	19.67	19.55				
10	64QAM	50	0	19.62	19.39	19.71	19	5		
10	256QAM	1	0	17.68	17.76	17.57				
10	256QAM	1	25	17.80	17.80	17.82				
10	256QAM	1	49	17.79	17.52	17.84	19	5		
10	256QAM	25	0	17.56	17.66	17.69				
10	256QAM	25	12	17.87	17.51	17.74				
10	256QAM	25	25	17.68	17.45	17.75	19	5		
10	256QAM	50	0	17.64	17.68	17.80				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	22.31	22.59	22.32	24	0		
5	QPSK	1	12	22.26	22.42	22.38				
5	QPSK	1	24	22.46	22.37	22.39				
5	QPSK	12	0	21.57	21.60	21.52	23	1		
5	QPSK	12	7	21.44	21.37	21.52				
5	QPSK	12	13	21.40	21.44	21.38				
5	QPSK	25	0	21.20	21.65	21.43	23	1		
5	16QAM	1	0	21.44	21.69	21.42				
5	16QAM	1	12	21.47	21.28	21.53				
5	16QAM	1	24	21.57	21.39	21.42	22	2		
5	16QAM	12	0	20.56	20.62	20.28				
5	16QAM	12	7	20.40	20.45	20.48				
5	16QAM	12	13	20.60	20.25	20.33	22	2		
5	16QAM	25	0	20.53	20.37	20.48				
5	64QAM	1	0	20.38	20.55	20.41				
5	64QAM	1	12	20.48	20.41	20.37	22	2		
5	64QAM	1	24	20.59	20.30	20.33				
5	64QAM	12	0	19.44	19.37	19.19				
5	64QAM	12	7	19.39	19.39	19.59	21	3		
5	64QAM	12	13	19.34	19.48	19.34				
5	64QAM	25	0	19.35	19.20	19.56				
5	256QAM	1	0	17.43	17.55	17.35	19	5		
5	256QAM	1	12	17.56	17.60	17.60				
5	256QAM	1	24	17.66	17.35	17.66				
5	256QAM	12	0	17.28	17.43	17.48	19	5		
5	256QAM	12	7	17.61	17.34	17.57				
5	256QAM	12	13	17.46	17.32	17.57				
5	256QAM	25	0	17.47	17.42	17.57				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	22.43	22.58	22.36	24	0		
3	QPSK	1	8	22.37	22.38	22.32				
3	QPSK	1	14	22.33	22.29	22.50				
3	QPSK	8	0	21.50	21.47	21.45	23	1		
3	QPSK	8	4	21.49	21.41	21.46				
3	QPSK	8	7	21.49	21.49	21.42				
3	QPSK	15	0	21.33	21.66	21.35	23	1		
3	16QAM	1	0	21.41	21.68	21.41				
3	16QAM	1	8	21.36	21.24	21.48				
3	16QAM	1	14	21.60	21.39	21.59	22	2		
3	16QAM	8	0	20.64	20.55	20.24				
3	16QAM	8	4	20.52	20.52	20.48				
3	16QAM	8	7	20.49	20.25	20.37	22	2		
3	16QAM	15	0	20.45	20.27	20.63				
3	64QAM	1	0	20.50	20.61	20.29				
3	64QAM	1	8	20.54	20.41	20.42	22	2		
3	64QAM	1	14	20.57	20.28	20.37				
3	64QAM	8	0	19.38	19.40	19.32				
3	64QAM	8	4	19.50	19.41	19.53	21	3		
3	64QAM	8	7	19.45	19.54	19.33				
3	64QAM	15	0	19.51	19.19	19.43				
3	256QAM	1	0	17.52	17.49	17.31	19	5		
3	256QAM	1	8	17.53	17.53	17.70				
3	256QAM	1	14	17.65	17.38	17.65				
3	256QAM	8	0	17.27	17.48	17.53	19	5		
3	256QAM	8	4	17.58	17.25	17.60				
3	256QAM	8	7	17.49	17.32	17.61				
3	256QAM	15	0	17.46	17.42	17.68				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	22.37	22.53	22.45	24	0		
1.4	QPSK	1	3	22.35	22.31	22.45				
1.4	QPSK	1	5	22.42	22.32	22.52				
1.4	QPSK	3	0	22.26	22.32	22.34	23	1		
1.4	QPSK	3	1	22.46	22.26	22.44				
1.4	QPSK	3	3	22.35	22.66	22.33				
1.4	QPSK	6	0	21.63	21.82	21.61	23	1		
1.4	16QAM	1	0	21.68	21.80	21.53				
1.4	16QAM	1	3	21.51	21.81	21.62				
1.4	16QAM	1	5	21.66	21.75	21.62	23	1		
1.4	16QAM	3	0	21.66	21.71	21.54				
1.4	16QAM	3	1	21.69	21.78	21.50				
1.4	16QAM	3	3	21.64	21.73	21.62	22	2		
1.4	16QAM	6	0	20.62	20.62	20.65				
1.4	64QAM	1	0	20.55	20.74	20.65				
1.4	64QAM	1	3	20.60	20.78	20.66	22	2		
1.4	64QAM	1	5	20.55	20.87	20.60				
1.4	64QAM	3	0	20.51	20.74	20.66				
1.4	64QAM	3	1	20.60	20.87	20.67	21	3		
1.4	64QAM	3	3	20.52	20.80	20.60				
1.4	256QAM	1	0	17.54	17.85	17.57				
1.4	256QAM	1	3	17.51	17.80	17.50	19	5		
1.4	256QAM	1	5	17.61	17.82	17.67				
1.4	256QAM	3	0	17.60	17.87	17.50				
1.4	256QAM	3	1	17.55	17.72	17.62	19	5		
1.4	256QAM	3	3	17.58	17.86	17.67				
1.4	256QAM	6	0	17.61	17.88	17.65				

Band 5 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	19.85	19.95	19.82	21.2	0	
10	QPSK	1	25	19.77	19.84	19.87			
10	QPSK	1	49	19.87	19.74	19.62			
10	QPSK	25	0	19.71	19.92	19.77			
10	QPSK	25	12	19.68	19.82	19.82	21.2	0	
10	QPSK	25	25	19.74	19.85	19.89			
10	QPSK	50	0	19.75	19.79	19.67			
10	16QAM	1	0	19.64	19.76	19.66			
10	16QAM	1	25	19.74	19.83	19.73	21.2	0	
10	16QAM	1	49	19.72	19.78	19.76			
10	16QAM	25	0	19.81	19.85	19.67			
10	16QAM	25	12	19.73	19.85	19.75			
10	16QAM	25	25	19.71	19.80	19.88	21.2	0	
10	16QAM	50	0	19.90	19.89	19.80			
10	64QAM	1	0	19.68	19.89	19.75			
10	64QAM	1	25	19.87	19.89	19.90	21.2	0	
10	64QAM	1	49	19.72	19.70	19.80			
10	64QAM	25	0	19.46	19.39	19.19			
10	64QAM	25	12	19.43	19.24	19.37	21	0.2	
10	64QAM	25	25	19.48	19.39	19.35			
10	64QAM	50	0	19.82	19.53	19.52			
10	256QAM	1	0	17.53	17.22	17.41	19	2.2	
10	256QAM	1	25	17.67	17.46	17.44			
10	256QAM	1	49	17.29	17.27	17.51			
10	256QAM	25	0	17.37	17.44	17.40	19	2.2	
10	256QAM	25	12	17.45	17.12	17.22			
10	256QAM	25	25	17.38	17.46	17.54			
10	256QAM	50	0	17.62	17.50	17.34			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	19.80	19.88	19.72	21.2	0	
5	QPSK	1	12	19.71	19.81	19.83			
5	QPSK	1	24	19.81	19.70	19.58			
5	QPSK	12	0	19.71	19.89	19.73	21.2	0	
5	QPSK	12	7	19.63	19.76	19.79			
5	QPSK	12	13	19.67	19.77	19.87			
5	QPSK	25	0	19.67	19.73	19.63			
5	16QAM	1	0	19.65	19.73	19.64	21.2	0	
5	16QAM	1	12	19.67	19.76	19.70			
5	16QAM	1	24	19.70	19.76	19.68			
5	16QAM	12	0	19.76	19.84	19.63	21.2	0	
5	16QAM	12	7	19.69	19.80	19.74			
5	16QAM	12	13	19.65	19.77	19.82			
5	16QAM	25	0	19.85	19.81	19.74			
5	64QAM	1	0	19.66	19.85	19.73	21.2	0	
5	64QAM	1	12	19.80	19.84	19.83			
5	64QAM	1	24	19.63	19.66	19.77			
5	64QAM	12	0	19.38	19.33	19.11	21	0.2	
5	64QAM	12	7	19.39	19.19	19.34			
5	64QAM	12	13	19.46	19.38	19.29			
5	64QAM	25	0	19.74	19.51	19.45			
5	256QAM	1	0	17.45	17.16	17.35	19	2.2	
5	256QAM	1	12	17.62	17.44	17.37			
5	256QAM	1	24	17.23	17.22	17.46			
5	256QAM	12	0	17.29	17.40	17.37	19	2.2	
5	256QAM	12	7	17.39	17.06	17.17			
5	256QAM	12	13	17.31	17.40	17.45			
5	256QAM	25	0	17.58	17.45	17.28			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	19.80	19.93	19.73	21.2	0	
3	QPSK	1	8	19.73	19.83	19.83			
3	QPSK	1	14	19.80	19.68	19.58			
3	QPSK	8	0	19.71	19.86	19.72	21.2	0	
3	QPSK	8	4	19.62	19.76	19.80			
3	QPSK	8	7	19.68	19.75	19.84			
3	QPSK	15	0	19.68	19.76	19.65			
3	16QAM	1	0	19.61	19.76	19.61	21.2	0	
3	16QAM	1	8	19.70	19.77	19.67			
3	16QAM	1	14	19.65	19.70	19.69			
3	16QAM	8	0	19.74	19.80	19.63	21.2	0	
3	16QAM	8	4	19.72	19.77	19.72			
3	16QAM	8	7	19.66	19.77	19.84			
3	16QAM	15	0	19.86	19.82	19.73			
3	64QAM	1	0	19.67	19.83	19.72	21.2	0	
3	64QAM	1	8	19.82	19.87	19.83			
3	64QAM	1	14	19.68	19.63	19.77			
3	64QAM	8	0	19.41	19.33	19.12	21	0.2	
3	64QAM	8	4	19.43	19.20	19.30			
3	64QAM	8	7	19.44	19.38	19.33			
3	64QAM	15	0	19.74	19.52	19.44			
3	256QAM	1	0	17.46	17.12	17.34	19	2.2	
3	256QAM	1	8	17.60	17.44	17.35			
3	256QAM	1	14	17.26	17.20	17.46			
3	256QAM	8	0	17.33	17.40	17.39	19	2.2	
3	256QAM	8	4	17.40	17.07	17.15			
3	256QAM	8	7	17.29	17.41	17.49			
3	256QAM	15	0	17.55	17.45	17.31			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	19.84	19.89	19.77	21.2	0	
1.4	QPSK	1	3	19.69	19.78	19.85			
1.4	QPSK	1	5	19.81	19.69	19.59			
1.4	QPSK	3	0	19.70	19.90	19.72	21.2	0	
1.4	QPSK	3	1	19.59	19.79	19.76			
1.4	QPSK	3	3	19.65	19.81	19.86			
1.4	QPSK	6	0	19.72	19.78	19.63			
1.4	16QAM	1	0	19.59	19.75	19.60	21.2	0	
1.4	16QAM	1	3	19.73	19.77	19.68			
1.4	16QAM	1	5	19.65	19.75	19.69			
1.4	16QAM	3	0	19.79	19.83	19.65			
1.4	16QAM	3	1	19.67	19.80	19.71	21.2	0	
1.4	16QAM	3	3	19.64	19.74	19.79			
1.4	16QAM	6	0	19.86	19.84	19.72			
1.4	64QAM	1	0	19.62	19.85	19.69	21.2	0	
1.4	64QAM	1	3	19.84	19.84	19.86			
1.4	64QAM	1	5	19.65	19.65	19.73			
1.4	64QAM	3	0	19.37	19.33	19.35			
1.4	64QAM	3	1	19.39	19.23	19.34	21	0.2	
1.4	64QAM	3	3	19.44	19.39	19.30			
1.4	64QAM	6	0	19.72	19.47	19.44			
1.4	256QAM	1	0	17.49	17.15	17.39	19	2.2	
1.4	256QAM	1	3	17.60	17.42	17.37			
1.4	256QAM	1	5	17.23	17.21	17.47			
1.4	256QAM	3	0	17.31	17.40	17.38			
1.4	256QAM	3	1	17.35	17.06	17.16	19	2.2	
1.4	256QAM	3	3	17.32	17.43	17.45			
1.4	256QAM	6	0	17.67	17.41	17.30			

Other PA DSI 4&Default Power

Band 7 Ant 4 Other PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.36	22.62	22.53	24	0	
20	QPSK	1	49	22.39	22.44	22.20			
20	QPSK	1	99	22.31	22.32	22.23			
20	QPSK	50	0	21.32	21.57	21.54	23	1	
20	QPSK	50	24	21.47	21.50	21.55			
20	QPSK	50	50	21.34	21.28	21.41			
20	QPSK	100	0	21.54	21.56	21.37	23	1	
20	16QAM	1	0	21.33	21.35	21.51			
20	16QAM	1	49	21.37	21.36	21.32			
20	16QAM	1	99	21.46	21.32	21.37	22	2	
20	16QAM	50	0	20.26	20.32	20.37			
20	16QAM	50	24	20.33	20.27	20.33			
20	16QAM	50	50	20.09	20.31	20.10	22	2	
20	16QAM	100	0	20.29	20.33	20.42			
20	64QAM	1	0	20.27	20.17	20.13			
20	64QAM	1	49	20.05	20.19	20.43	22	2	
20	64QAM	1	99	20.14	20.34	20.42			
20	64QAM	50	0	19.33	19.19	19.17			
20	64QAM	50	24	19.38	19.28	19.07	21	3	
20	64QAM	50	50	19.42	19.17	19.36			
20	64QAM	100	0	19.41	19.15	19.17			
20	256QAM	1	0	17.45	17.09	17.42	19	5	
20	256QAM	1	49	17.07	17.31	17.27			
20	256QAM	1	99	17.48	17.33	17.13			
20	256QAM	50	0	17.13	17.25	17.38	19	5	
20	256QAM	50	24	17.16	17.22	17.21			
20	256QAM	50	50	17.15	17.49	17.53			
20	256QAM	100	0	17.13	17.51	17.57	Channel		
Frequency (MHz)				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.31	22.56	22.51	24	0	
15	QPSK	1	37	22.33	22.37	22.14			
15	QPSK	1	74	22.27	22.28	22.15			
15	QPSK	36	0	21.26	21.54	21.47	23	1	
15	QPSK	36	20	21.44	21.46	21.49			
15	QPSK	36	39	21.29	21.25	21.34			
15	QPSK	75	0	21.46	21.54	21.35	23	1	
15	16QAM	1	0	21.25	21.28	21.46			
15	16QAM	1	37	21.34	21.34	21.28			
15	16QAM	1	74	21.39	21.27	21.32	22	2	
15	16QAM	36	0	20.18	20.27	20.34			
15	16QAM	36	20	20.29	20.22	20.30			
15	16QAM	36	39	20.05	20.27	20.05	21	3	
15	16QAM	75	0	20.25	20.29	20.37			
15	64QAM	1	0	20.19	20.10	20.06			
15	64QAM	1	37	20.03	20.13	20.36	22	2	
15	64QAM	1	74	20.08	20.28	20.37			
15	64QAM	36	0	19.26	19.14	19.13			
15	64QAM	36	20	19.34	19.23	19.03	21	3	
15	64QAM	36	39	19.40	19.13	19.34			
15	64QAM	75	0	19.33	19.12	19.15			
15	256QAM	1	0	17.39	17.01	17.39	19	5	
15	256QAM	1	37	17.21	17.29	17.22			
15	256QAM	1	74	17.44	17.31	17.10			
15	256QAM	36	0	17.11	17.21	17.33	19	5	
15	256QAM	36	20	17.12	17.18	17.15			
15	256QAM	36	39	17.12	17.42	17.46			
15	256QAM	75	0	17.05	17.45	17.50	Channel		
Frequency (MHz)				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	22.30	22.56	22.45	24	0	
10	QPSK	1	25	22.37	22.41	22.16			
10	QPSK	1	49	22.27	22.25	22.16			
10	QPSK	25	0	21.26	21.50	21.50	23	1	
10	QPSK	25	12	21.43	21.45	21.50			
10	QPSK	25	25	21.26	21.26	21.33			
10	QPSK	50	0	21.46	21.49	21.34	23	1	
10	16QAM	1	0	21.29	21.30	21.43			
10	16QAM	1	25	21.32	21.30	21.29			
10	16QAM	1	49	21.44	21.24	21.31	22	2	
10	16QAM	25	0	20.19	20.27	20.34			
10	16QAM	25	12	20.29	20.24	20.30			
10	16QAM	25	25	20.05	20.28	20.07	22	2	
10	16QAM	50	0	20.22	20.25	20.37			
10	64QAM	1	0	20.19	20.10	20.08			
10	64QAM	1	25	20.03	20.11	20.40	22	2	
10	64QAM	1	49	20.09	20.30	20.39			
10	64QAM	25	0	19.31	19.11	19.10			
10	64QAM	25	12	19.30	19.25	19.00	21	3	
10	64QAM	25	25	19.37	19.11	19.30			
10	64QAM	50	0	19.34	19.08	19.13			
10	256QAM	1	0	17.41	17.06	17.35	19	5	
10	256QAM	1	25	17.00	17.28	17.25			
10	256QAM	1	49	17.44	17.26	17.10			
10	256QAM	25	0	17.09	17.20	17.35	19	5	
10	256QAM	25	12	17.09	17.16	17.14			
10	256QAM	25	25	17.08	17.44	17.47			
10	256QAM	50	0	17.06	17.45	17.50	Channel		
Frequency (MHz)				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.29	22.59	22.47	24	0	
5	QPSK	1	12	22.34	22.38	22.16			
5	QPSK	1	24	22.27	22.28	22.18			
5	QPSK	12	0	21.27	21.53	21.50	23	1	
5	QPSK	12	7	21.43	21.43	21.52			
5	QPSK	12	13	21.32	21.24	21.35			
5	QPSK	25	0	21.47	21.49	21.35	23	1	
5	16QAM	1	0	21.27	21.28	21.44			
5	16QAM	1	12	21.33	21.28	21.28			
5	16QAM	1	24	21.43	21.29	21.29	22	2	
5	16QAM	12	0	20.20	20.29	20.34			
5	16QAM	12	7	20.26	20.20	20.30			
5	16QAM	12	13	20.06	20.26	20.04	22	2	
5	16QAM	25	0	20.26	20.27	20.39			
5	64QAM	1	0	20.22	20.12	20.10			
5	64QAM	1	12	20.01	20.12	20.37	22	2	
5	64QAM	1	24	20.12	20.27	20.38			
5	64QAM	12	0	19.28	19.15	19.15			
5	64QAM	12	7	19.32	19.26	19.04	21	3	
5	64QAM	12	13	19.35	19.09	19.33			
5	64QAM	25	0	19.36	19.09	19.15			
5	256QAM	1	0	17.40	17.06	17.38	19	5	
5	256QAM	1	12	17.01	17.23	17.21			
5	256QAM	1	24	17.45	17.27	17.07			
5	256QAM	12	0	17.07	17.23	17.32	19	5	
5	256QAM	12	7	17.08	17.18	17.14			
5	256QAM	12	13	17.08	17.46	17.47			
5	256QAM	25	0	17.09	17.43	17.51			

Reduced Power Mode for Other PA DSI3

Band 7 Ant 4 Other Pa									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	14.71	14.83	14.65	16.2	0	
20	QPSK	1	49	14.40	14.73	14.58			
20	QPSK	1	99	14.66	14.61	14.64			
20	QPSK	50	0	14.71	14.72	14.55	16.2	0	
20	QPSK	50	24	14.42	14.63	14.71			
20	QPSK	50	50	14.63	14.71	14.48			
20	QPSK	100	0	14.66	14.78	14.64	16.2	0	
20	16QAM	1	0	14.50	14.66	14.46			
20	16QAM	1	49	14.50	14.68	14.54			
20	16QAM	1	99	14.53	14.75	14.73	16.2	0	
20	16QAM	50	0	14.50	14.62	14.45			
20	16QAM	50	24	14.40	14.57	14.65			
20	16QAM	50	50	14.37	14.60	14.56	16.2	0	
20	16QAM	100	0	14.66	14.63	14.53			
20	64QAM	1	0	14.34	14.69	14.65			
20	64QAM	1	49	14.45	14.74	14.54	16.2	0	
20	64QAM	1	99	14.38	14.59	14.65			
20	64QAM	50	0	14.62	14.70	14.49			
20	64QAM	50	24	14.37	14.74	14.57	16.2	0	
20	64QAM	50	50	14.39	14.73	14.51			
20	64QAM	100	0	14.42	14.59	14.49			
20	256QAM	1	0	14.62	14.79	14.45	16.2	0	
20	256QAM	1	49	14.66	14.66	14.50			
20	256QAM	1	99	14.53	14.67	14.52			
20	256QAM	50	0	14.55	14.61	14.66	16.2	0	
20	256QAM	50	24	14.55	14.64	14.70			
20	256QAM	50	50	14.45	14.60	14.44			
20	256QAM	100	0	14.54	14.54	14.53	Channel		
Frequency (MHz)				20825	21100	21375			
15	QPSK	1	0	14.68	14.78	14.62	16.2	0	
15	QPSK	1	37	14.33	14.66	14.55			
15	QPSK	1	74	14.69	14.55	14.62			
15	QPSK	36	0	14.66	14.67	14.49	16.2	0	
15	QPSK	36	20	14.36	14.56	14.64			
15	QPSK	36	39	14.61	14.65	14.44			
15	QPSK	75	0	14.62	14.70	14.60	16.2	0	
15	16QAM	1	0	14.44	14.60	14.40			
15	16QAM	1	37	14.42	14.64	14.49			
15	16QAM	1	74	14.45	14.71	14.68	16.2	0	
15	16QAM	36	0	14.46	14.60	14.38			
15	16QAM	36	20	14.36	14.54	14.60			
15	16QAM	36	39	14.33	14.53	14.50	16.2	0	
15	16QAM	75	0	14.48	14.59	14.50			
15	64QAM	1	0	14.30	14.65	14.61			
15	64QAM	1	37	14.41	14.69	14.49	16.2	0	
15	64QAM	1	74	14.34	14.51	14.59			
15	64QAM	36	0	14.48	14.62	14.46			
15	64QAM	36	20	14.33	14.69	14.54	16.2	0	
15	64QAM	36	39	14.32	14.67	14.47			
15	64QAM	75	0	14.39	14.54	14.45			
15	256QAM	1	0	14.44	14.75	14.39	16.2	0	
15	256QAM	1	37	14.51	14.59	14.42			
15	256QAM	1	74	14.45	14.63	14.45			
15	256QAM	36	0	14.48	14.59	14.63	16.2	0	
15	256QAM	36	20	14.52	14.59	14.64			
15	256QAM	36	39	14.41	14.52	14.36			
15	256QAM	75	0	14.48	14.48	14.49	Channel		
Frequency (MHz)				20800	21100	21400			
10	QPSK	1	0	14.64	14.77	14.62	16.2	0	
10	QPSK	1	25	14.34	14.66	14.54			
10	QPSK	1	49	14.62	14.59	14.56			
10	QPSK	25	0	14.68	14.67	14.48	16.2	0	
10	QPSK	25	12	14.38	14.58	14.64			
10	QPSK	25	25	14.56	14.64	14.44			
10	QPSK	50	0	14.63	14.70	14.61	16.2	0	
10	16QAM	1	0	14.44	14.59	14.39			
10	16QAM	1	25	14.45	14.61	14.51			
10	16QAM	1	49	14.46	14.72	14.67	16.2	0	
10	16QAM	25	0	14.43	14.57	14.40			
10	16QAM	25	12	14.34	14.51	14.59			
10	16QAM	25	25	14.33	14.55	14.51	16.2	0	
10	16QAM	50	0	14.62	14.60	14.50			
10	64QAM	1	0	14.31	14.67	14.60			
10	64QAM	1	25	14.39	14.66	14.48	16.2	0	
10	64QAM	1	49	14.35	14.54	14.62			
10	64QAM	25	0	14.47	14.67	14.41			
10	64QAM	25	12	14.30	14.71	14.50	16.2	0	
10	64QAM	25	25	14.34	14.68	14.47			
10	64QAM	50	0	14.39	14.54	14.43			
10	256QAM	1	0	14.48	14.74	14.38	16.2	0	
10	256QAM	1	25	14.52	14.60	14.42			
10	256QAM	1	49	14.50	14.62	14.46			
10	256QAM	25	0	14.51	14.57	14.58	16.2	0	
10	256QAM	25	12	14.48	14.57	14.68			
10	256QAM	25	25	14.43	14.53	14.41			
10	256QAM	50	0	14.48	14.49	14.46	Channel		
Frequency (MHz)				20775	21100	21425			
5	QPSK	1	0	14.63	14.79	14.57	16.2	0	
5	QPSK	1	12	14.37	14.68	14.54			
5	QPSK	1	24	14.59	14.54	14.59			
5	QPSK	12	0	14.71	14.64	14.49	16.2	0	
5	QPSK	12	7	14.34	14.60	14.69			
5	QPSK	12	13	14.58	14.65	14.42			
5	QPSK	25	0	14.59	14.72	14.60	16.2	0	
5	16QAM	1	0	14.46	14.62	14.44			
5	16QAM	1	12	14.43	14.64	14.47			
5	16QAM	1	24	14.49	14.71	14.66	16.2	0	
5	16QAM	12	0	14.47	14.56	14.38			
5	16QAM	12	7	14.32	14.52	14.61			
5	16QAM	12	13	14.35	14.57	14.50	16.2	0	
5	16QAM	25	0	14.52	14.57	14.49			
5	64QAM	1	0	14.32	14.64	14.59			
5	64QAM	1	12	14.37	14.72	14.47	16.2	0	
5	64QAM	1	24	14.33	14.53	14.62			
5	64QAM	12	0	14.47	14.65	14.44			
5	64QAM	12	7	14.35	14.67	14.49	16.2	0	
5	64QAM	12	13	14.32	14.68	14.49			
5	64QAM	25	0	14.37	14.56	14.42			
5	256QAM	1	0	14.47	14.73	14.40	16.2	0	
5	256QAM	1	12	14.50	14.59	14.47			
5	256QAM	1	24	14.46	14.64	14.45			
5	256QAM	12	0	14.50	14.54	14.64	16.2	0	
5	256QAM	12	7	14.50	14.59	14.68			
5	256QAM	12	13	14.37	14.57	14.39			
5	256QAM	25	0	14.48	14.49	14.48	Channel		
Frequency (MHz)				20750	21100	21450			

Reduced Power Mode for Other PA DSI6

Band 7 Ant 4 DSI6 Other Pa									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	18.42	18.59	18.38	19.8	0	
20	QPSK	1	49	18.40	18.38	18.39			
20	QPSK	1	99	18.35	18.47	18.37			
20	QPSK	50	0	18.38	18.51	18.34			
20	QPSK	50	24	18.34	18.49	18.32	19.8	0	
20	QPSK	50	50	18.46	18.40	18.39			
20	QPSK	100	0	18.35	18.47	18.36			
20	16QAM	1	0	18.44	18.40	18.33			
20	16QAM	1	49	18.38	18.43	18.35	19.8	0	
20	16QAM	1	99	18.35	18.43	18.35			
20	16QAM	50	0	18.45	18.42	18.30			
20	16QAM	50	24	18.36	18.40	18.37			
20	16QAM	50	50	18.43	18.45	18.38	19.8	0	
20	16QAM	100	0	18.41	18.49	18.38			
20	64QAM	1	0	18.38	18.48	18.37			
20	64QAM	1	49	18.40	18.39	18.40	19.8	0	
20	64QAM	1	99	18.37	18.45	18.41			
20	64QAM	50	0	18.45	18.39	18.29			
20	64QAM	50	24	18.43	18.48	18.33			
20	64QAM	50	50	18.41	18.48	18.40	19.8	0	
20	64QAM	100	0	18.45	18.39	18.33			
20	256QAM	1	0	18.44	18.42	18.36			
20	256QAM	1	49	18.39	18.49	18.39	19.8	0	
20	256QAM	1	99	18.37	18.39	18.36			
20	256QAM	50	0	18.45	18.50	18.39			
20	256QAM	50	24	18.35	18.48	18.33			
20	256QAM	50	50	18.42	18.44	18.32	19.8	0	
20	256QAM	100	0	18.37	18.43	18.31			
Channel				20925	21100	21375			
Frequency (MHz)				2597.5	2535	2592.5			
15	QPSK	1	0	18.37	18.32	18.33	19.8	0	
15	QPSK	1	37	18.36	18.31	18.34			
15	QPSK	1	74	18.29	18.44	18.29			
15	QPSK	36	0	18.34	18.38	18.28			
15	QPSK	36	20	18.30	18.46	18.29	19.8	0	
15	QPSK	36	39	18.39	18.36	18.37			
15	QPSK	75	0	18.29	18.42	18.34			
15	16QAM	1	0	18.37	18.34	18.25			
15	16QAM	1	37	18.35	18.37	18.31	19.8	0	
15	16QAM	1	74	18.28	18.38	18.31			
15	16QAM	36	0	18.41	18.38	18.27			
15	16QAM	36	20	18.27	18.35	18.34			
15	16QAM	36	39	18.35	18.39	18.30	19.8	0	
15	16QAM	75	0	18.38	18.43	18.34			
15	64QAM	1	0	18.30	18.41	18.32			
15	64QAM	1	37	18.37	18.32	18.35			
15	64QAM	1	74	18.31	18.38	18.39	19.8	0	
15	64QAM	36	0	18.39	18.36	18.25			
15	64QAM	36	20	18.41	18.45	18.26			
15	64QAM	36	39	18.36	18.43	18.35			
15	64QAM	75	0	18.42	18.31	18.30	19.8	0	
15	256QAM	1	0	18.37	18.35	18.30			
15	256QAM	1	37	18.36	18.45	18.36			
15	256QAM	1	74	18.34	18.37	18.31			
15	256QAM	36	0	18.42	18.43	18.36	19.8	0	
15	256QAM	36	20	18.28	18.41	18.25			
15	256QAM	36	39	18.37	18.40	18.24			
15	256QAM	75	0	18.34	18.35	18.27			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	18.40	18.35	18.33	19.8	0	
10	QPSK	1	25	18.34	18.31	18.31			
10	QPSK	1	49	18.28	18.43	18.34			
10	QPSK	25	0	18.32	18.34	18.27			
10	QPSK	25	12	18.31	18.41	18.26	19.8	0	
10	QPSK	25	25	18.44	18.34	18.36			
10	QPSK	50	0	18.31	18.40	18.34			
10	16QAM	1	0	18.36	18.34	18.31			
10	16QAM	1	25	18.33	18.39	18.31	19.8	0	
10	16QAM	1	49	18.32	18.39	18.30			
10	16QAM	25	0	18.40	18.35	18.24			
10	16QAM	25	12	18.31	18.36	18.33			
10	16QAM	25	25	18.40	18.39	18.31	19.8	0	
10	16QAM	50	0	18.35	18.42	18.35			
10	64QAM	1	0	18.33	18.46	18.33			
10	64QAM	1	25	18.33	18.32	18.37			
10	64QAM	1	49	18.31	18.43	18.36	19.8	0	
10	64QAM	25	0	18.39	18.32	18.27			
10	64QAM	25	12	18.40	18.42	18.26			
10	64QAM	25	25	18.36	18.40	18.36			
10	64QAM	50	0	18.37	18.36	18.29	19.8	0	
10	256QAM	1	0	18.40	18.39	18.29			
10	256QAM	1	25	18.36	18.43	18.37			
10	256QAM	1	49	18.33	18.36	18.29			
10	256QAM	25	0	18.39	18.44	18.31	19.8	0	
10	256QAM	25	12	18.33	18.41	18.27			
10	256QAM	25	25	18.39	18.39	18.24			
10	256QAM	50	0	18.30	18.36	18.28			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	18.37	18.37	18.32	19.8	0	
5	QPSK	1	12	18.32	18.31	18.36			
5	QPSK	1	24	18.28	18.45	18.34			
5	QPSK	12	0	18.30	18.37	18.26			
5	QPSK	12	7	18.28	18.44	18.25	19.8	0	
5	QPSK	12	13	18.43	18.36	18.36			
5	QPSK	25	0	18.31	18.42	18.30			
5	16QAM	1	0	18.41	18.36	18.25			
5	16QAM	1	12	18.33	18.36	18.28	19.8	0	
5	16QAM	1	24	18.30	18.37	18.30			
5	16QAM	12	0	18.41	18.38	18.27			
5	16QAM	12	7	18.30	18.37	18.33			
5	16QAM	12	13	18.36	18.41	18.32	19.8	0	
5	16QAM	25	0	18.33	18.44	18.31			
5	64QAM	1	0	18.32	18.42	18.34			
5	64QAM	1	12	18.33	18.35	18.34			
5	64QAM	1	24	18.33	18.42	18.37	19.8	0	
5	64QAM	12	0	18.41	18.34	18.22			
5	64QAM	12	7	18.39	18.46	18.25			
5	64QAM	12	13	18.38	18.41	18.34			
5	64QAM	25	0	18.39	18.32	18.29	19.8	0	
5	256QAM	1	0	18.40	18.37	18.33			
5	256QAM	1	12	18.33	18.43	18.37			
5	256QAM	1	24	18.30	18.33	18.33			
5	256QAM	12	0	18.41	18.43	18.34	19.8	0	
5	256QAM	12	7	18.28	18.45	18.31			
5	256QAM	12	13	18.37	18.42	18.30			
5	256QAM	25	0	18.35	18.35	18.27			

Full & Default Power

n5 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166400	167200	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.15	23.19	23.18	24.0	0.0
20	QPSK	1	53	23.12	23.08	22.98		
20	QPSK	1	104	22.89	22.99	23.02		
20	QPSK	50	0	21.94	22.13	22.16	23.0	1.0
20	QPSK	50	28	23.07	23.08	22.91	24.0	0.0
20	QPSK	50	56	21.91	22.08	22.04	23.0	1.0
20	QPSK	100	0	22.06	22.14	22.03		

n26 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	165400	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.45	23.56	23.50	24.0	0.0
20	QPSK	1	53	23.25	23.53	23.36		
20	QPSK	1	104	23.43	23.41	23.31		
20	QPSK	50	0	22.55	22.56	22.43	23.0	1.0
20	QPSK	50	28	23.40	23.50	23.33	24.0	0.0
20	QPSK	50	56	22.41	22.57	22.63	23.0	1.0
20	QPSK	100	0	22.38	22.46	22.46		

n7 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	24.0	0.0
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.15	23.20	23.01		
40	QPSK	1	108	22.96	22.95	23.08	24.0	0.0
40	QPSK	1	214	22.99	23.08	22.87		
40	QPSK	108	0	21.82	22.09	21.52		
40	QPSK	108	54	22.72	22.94	22.76	23.0	1.0
40	QPSK	108	108	21.90	21.85	22.07		
40	QPSK	216	0	21.99	22.07	21.94		

n38 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	516996	24.0	0.0
Frequency (MHz)				2590.02	2606	2609.98		
40	PI/2 BPSK	1	1	22.71	22.80	22.74	24.0	0.0
40	PI/2 BPSK	1	53	22.73	22.81	22.78		
40	PI/2 BPSK	1	104	22.73	22.79	22.77	23.5	0.5
40	PI/2 BPSK	50	0	22.25	22.34	22.27		
40	PI/2 BPSK	50	26	22.69	22.76	22.77	24.0	0.0
40	PI/2 BPSK	50	56	22.26	22.33	22.28		
40	PI/2 BPSK	100	0	22.23	22.35	22.28	24.0	0.0
40	QPSK	1	1	22.73	22.84	22.72		
40	QPSK	1	53	22.73	22.77	22.75	23.0	1.0
40	QPSK	1	104	22.69	22.75	22.74		
40	QPSK	50	0	21.79	21.82	21.82	24.0	0.0
40	QPSK	50	26	22.72	22.81	22.73		
40	QPSK	50	56	21.75	21.80	21.79	23.0	1.0
40	QPSK	100	0	21.74	21.83	21.77		
40	16QAM	1	1	21.77	21.83	21.79	21.5	2.5
40	64QAM	1	1	20.21	20.28	20.23		
40	256QAM	1	1	18.25	18.25	18.22	19.5	4.5
Channel				517002	516900	520998		
Frequency (MHz)				2585.01	2596	2603.99	24.0	0.0
30	QPSK	1	1	22.64	22.74	22.63		
Channel				516000	519000	522000	24.0	0.0
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	1	22.66	22.75	22.63	24.0	0.0
Channel				516302	519000	522403		
Frequency (MHz)				2577.51	2596	2612.49	24.0	0.0
15	QPSK	1	1	22.64	22.76	22.64		
Channel				515004	519000	522996	24.0	0.0
Frequency (MHz)				2575.02	2596	2614.98		
10	QPSK	1	1	22.64	22.74	22.63	24.0	0.0

n41 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	516598	526000	24.0	0.0
Frequency (MHz)				2646.01	2662.99	2660		
100	PI/2 BPSK	1	1	22.71	22.84	22.77	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.83	22.81		
100	PI/2 BPSK	1	271	22.74	22.79	22.79	23.5	0.5
100	PI/2 BPSK	135	0	22.24	22.35	22.31		
100	PI/2 BPSK	135	69	22.71	22.81	22.79	24.0	0.0
100	PI/2 BPSK	135	138	22.28	22.36	22.31		
100	PI/2 BPSK	270	0	22.25	22.34	22.33	24.0	0.0
100	QPSK	1	1	22.72	22.86	22.81		
100	QPSK	1	137	22.72	22.80	22.75	23.0	1.0
100	QPSK	1	271	22.71	22.79	22.76		
100	QPSK	135	0	21.74	21.88	21.85	24.0	0.0
100	QPSK	135	69	22.65	22.84	22.79		
100	QPSK	135	138	21.74	21.85	21.86	23.0	1.0
100	QPSK	270	0	21.78	21.84	21.81		
100	16QAM	1	1	21.77	21.84	21.82	21.5	2.5
100	64QAM	1	1	20.25	20.36	20.30		
100	256QAM	1	1	18.26	18.35	18.35	19.5	4.5
Channel				506200	516599	526996		
Frequency (MHz)				2641	2662.99	2644.98	24.0	0.0
90	QPSK	1	1	22.56	22.63	22.60		
Channel				507204	516598	526998	24.0	0.0
Frequency (MHz)				2636.02	2662.99	2649.99		
80	QPSK	1	1	22.59	22.62	22.64	24.0	0.0
Channel				506202	516599	531000		
Frequency (MHz)				2631.01	2662.99	2655	24.0	0.0
70	QPSK	1	1	22.61	22.57	22.61		
Channel				505200	516598	531996	24.0	0.0
Frequency (MHz)				2626	2662.99	2659.98		
60	QPSK	1	1	22.60	22.63	22.64	24.0	0.0
Channel				504204	516599	532996		
Frequency (MHz)				2621.02	2662.99	2664.99	24.0	0.0
50	QPSK	1	1	22.63	22.56	22.57		
Channel				503202	516598	534000	24.0	0.0
Frequency (MHz)				2616.01	2662.99	2670		
40	QPSK	1	1	22.62	22.60	22.62	24.0	0.0
Channel				502200	516599	534996		
Frequency (MHz)				2611	2662.99	2674.98	24.0	0.0
30	QPSK	1	1	22.60	22.59	22.64		
Channel				501204	516598	535998	24.0	0.0
Frequency (MHz)				2606.02	2662.99	2679.99		
20	QPSK	1	1	22.63	22.58	22.62	24.0	0.0
Channel				500700	516598	536496		
Frequency (MHz)				2601.5	2662.99	2682.48	24.0	0.0
15	QPSK	1	1	22.61	22.57	22.61		
Channel				500202	516598	537000	24.0	0.0
Frequency (MHz)				2601.01	2662.99	2685		
10	QPSK	1	1	22.63	22.60	22.56	24.0	0.0

Part270 n77 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	21.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	20.13	20.12	19.61	21.0	0.0	
100	PI/2 BPSK	1	137	20.13	20.12	19.61			
100	PI/2 BPSK	1	271	20.13	20.12	19.61			
100	PI/2 BPSK	135	0	19.64	19.72	19.29		0.5	
100	PI/2 BPSK	135	69	20.13	20.19	19.76	21.0	0.0	
100	PI/2 BPSK	135	138	19.63	19.85	19.31			
100	PI/2 BPSK	270	0	19.62	19.78	19.37	20.5	0.5	
100	QPSK	1	1	20.20	20.28	19.80			
100	QPSK	1	137	20.10	20.10	19.73	21.0	0.0	
100	QPSK	1	271	20.11	20.19	19.75			
100	QPSK	135	0	19.24	19.25	18.97		1.0	
100	QPSK	135	69	20.07	20.19	19.75		0.0	
100	QPSK	135	138	19.11	19.28	18.72	20.0	1.0	
100	QPSK	270	0	19.23	19.25	18.86			
100	16QAM	1	1	19.28	19.35	18.72	20.0	1.0	
100	64QAM	1	1	17.68	17.72	17.33		2.5	
100	256QAM	1	1	15.66	15.73	15.27	18.5	4.5	
Channel				648668	650000	662334	21.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	20.12	20.19	19.70	21.0	0.0	
Channel				649334	650000	662668	21.0	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	20.11	20.20	19.71	21.0	0.0	
Channel				649000	650000	663000	21.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	20.10	20.18	19.70	21.0	0.0	
Channel				648668	650000	663334	21.0	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	20.10	20.20	19.72	21.0	0.0	
Channel				648334	650000	663668	21.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	20.10	20.20	19.70	21.0	0.0	
Channel				648000	650000	664000	21.0	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	20.12	20.18	19.71	21.0	0.0	
Channel				647668	650000	664334	21.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	20.11	20.18	19.72	21.0	0.0	
Channel				647334	650000	664668	21.0	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	20.11	20.18	19.72	21.0	0.0	
Channel				647000	650000	665000	21.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	20.10	20.20	19.72	21.0	0.0	
Channel				647000	650000	665000	21.0	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	20.10	20.20	19.72	21.0	0.0	

Part270 n77 PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	24.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	23.22	23.37	23.18	24.0	0.0	
100	PI/2 BPSK	1	137	23.20	23.30	23.03			
100	PI/2 BPSK	1	271	23.20	23.40	23.14			
100	PI/2 BPSK	135	0	22.83	22.86	22.78		0.5	
100	PI/2 BPSK	135	69	23.30	23.36	23.17	23.5	0.0	
100	PI/2 BPSK	135	138	22.90	22.92	22.72			
100	PI/2 BPSK	270	0	22.80	22.97	22.69	23.0	1.0	
100	QPSK	1	1	23.35	23.41	23.21			
100	QPSK	1	137	23.28	23.29	23.06	24.0	0.0	
100	QPSK	1	271	23.19	23.38	23.14			
100	QPSK	135	0	22.42	22.49	22.13		1.0	
100	QPSK	135	69	23.25	23.27	23.15		0.0	
100	QPSK	135	138	22.37	22.38	22.20	23.0	1.0	
100	QPSK	270	0	22.27	22.45	22.27			
100	16QAM	1	1	22.39	22.42	22.16	23.0	1.0	
100	64QAM	1	1	20.79	20.94	20.75		2.5	
100	256QAM	1	1	18.80	18.91	18.79	19.5	4.5	
Channel				648668	650000	662334	24.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	23.26	23.32	23.13	24.0	0.0	
Channel				649334	650000	662668	24.0	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	23.26	23.33	23.13	24.0	0.0	
Channel				649000	650000	663000	24.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	23.25	23.33	23.12	24.0	0.0	
Channel				648668	650000	663334	24.0	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	23.26	23.31	23.13	24.0	0.0	
Channel				648334	650000	663668	24.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	23.26	23.32	23.11	24.0	0.0	
Channel				648000	650000	664000	24.0	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	23.25	23.33	23.12	24.0	0.0	
Channel				647668	650000	664334	24.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	23.26	23.31	23.11	24.0	0.0	
Channel				647334	650000	664668	24.0	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	23.27	23.32	23.13	24.0	0.0	
Channel				647000	650000	665000	24.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	23.25	23.32	23.12	24.0	0.0	
Channel				647000	650000	665000	24.0	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	23.27	23.33	23.13	24.0	0.0	

Part270 n78 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	19.95					
100	PI/2 BPSK	1	137	20.09			21.0	0.0	
100	PI/2 BPSK	1	271	19.93					
100	PI/2 BPSK	135	0	19.56			20.5	0.5	
100	PI/2 BPSK	135	69	20.17			21.0	0.0	
100	PI/2 BPSK	135	138	19.82					
100	PI/2 BPSK	270	0	19.74			20.5	0.5	
100	QPSK	1	1	20.23					
100	QPSK	1	137	20.08			21.0	0.0	
100	QPSK	1	271	20.05					
100	QPSK	135	0	19.20			20.0	1.0	
100	QPSK	135	69	20.03			21.0	0.0	
100	QPSK	135	138	19.09					
100	QPSK	270	0	19.15			20.0	1.0	
100	16QAM	1	1	19.24			20.0	1.0	
100	64QAM	1	1	17.55			18.5	2.5	
100	256QAM	1	1	15.64			16.5	4.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	20.09	20.13	19.99	21.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	20.08	20.15	19.98	21.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	20.10	20.15	19.98	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	20.08	20.14	19.98	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	20.09	20.13	19.99	21.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	20.09	20.15	19.99	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	20.09	20.14	19.98	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	20.10	20.15	20.00	21.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	20.09	20.13	19.99	21.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	20.05	20.11	20.11	21.0	0.0	

Part270 n78 PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1			23.38			
100	PI/2 BPSK	1	137			23.11		24.0	
100	PI/2 BPSK	1	271			23.37			
100	PI/2 BPSK	135	0			22.76		23.5	
100	PI/2 BPSK	135	69			23.28		24.0	
100	PI/2 BPSK	135	138			22.77		23.5	
100	PI/2 BPSK	270	0			22.90			
100	QPSK	1	1			23.38			
100	QPSK	1	137			23.15		24.0	
100	QPSK	1	271			23.24			
100	QPSK	135	0			22.40		23.0	
100	QPSK	135	69			23.25		24.0	
100	QPSK	135	138			22.30		23.0	
100	QPSK	270	0			22.28			
100	16QAM	1	1			22.34		23.0	
100	64QAM	1	1			20.79		21.5	
100	256QAM	1	1			18.80		19.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	23.13	23.29	23.28	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	23.14	23.30	23.28	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	23.13	23.29	23.26	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	23.14	23.29	23.21	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	23.15	23.30	23.26	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	23.13	23.29	23.27	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	23.13	23.28	23.28	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	23.15	23.30	23.27	24.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	23.14	23.28	23.27	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	23.14	23.30	23.28	24.0	0.0	

n5 Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	838		
20	QPSK	1	1	23.03	23.13	23.10		
20	QPSK	1	53	22.92	23.02	23.08	24.0	0.0
20	QPSK	1	104	22.80	23.01	22.85		
20	QPSK	50	0	22.01	22.00	22.04	23.0	1.0
20	QPSK	50	28	22.97	22.96	22.96	24.0	0.0
20	QPSK	50	56	21.90	21.93	21.76		
20	QPSK	100	0	21.81	21.92	21.79	23.0	1.0
20	16QAM	1	1	21.83	22.11	22.13	23.0	1.0
20	64QAM	1	1	20.43	20.67	20.66	21.5	2.5
20	256QAM	1	1	18.35	18.62	18.50	19.5	4.5
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.01	23.06	23.00	24.0	0.0
Channel				167500	167500	168500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				836	836.5	844		
10	QPSK	1	1	23.00	23.04	23.07	24.0	0.0
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				836.5	836.5	846.5		
5	QPSK	1	1	22.97	23.04	23.01	24.0	0.0

n7 Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.23	22.30	22.20		
40	QPSK	1	108	22.02	22.12	22.29	24.0	0.0
40	QPSK	1	214	22.05	22.34	22.10		
40	QPSK	108	0	21.08	21.23	21.24	23.0	1.0
40	QPSK	108	54	22.07	22.10	22.16	24.0	0.0
40	QPSK	108	108	21.03	21.03	21.05		
40	QPSK	216	0	21.01	21.23	21.08	23.0	1.0
40	16QAM	1	1	21.07	21.34	21.37	23.0	1.0
40	64QAM	1	1	19.95	19.83	19.91	21.5	2.5
40	256QAM	1	1	17.51	17.81	17.51	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.14	22.29	22.11	24.0	0.0
Channel				505500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.17	22.32	22.12	24.0	0.0
Channel				507000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PV2 BPSK	1	1	22.12	22.33	22.14	24.0	0.0
Channel				501500	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2497.5	2534	2562.5		
15	QPSK	1	1	22.15	22.33	22.14	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.10	22.34	22.12	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	22.13	22.29	22.14	24.0	0.0

n26 Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.38	23.52	23.43		
20	QPSK	1	53	23.24	23.27	23.34	24.0	0.0
20	QPSK	1	104	23.07	23.43	23.21		
20	QPSK	50	0	22.43	22.20	22.27	23.0	1.0
20	QPSK	50	28	23.28	23.36	23.28	24.0	0.0
20	QPSK	50	56	22.19	22.33	21.98		
20	QPSK	100	0	22.11	22.19	22.16	23.0	1.0
20	16QAM	1	1	22.16	22.51	22.47	23.0	1.0
20	64QAM	1	1	20.85	21.63	20.80	21.5	2.5
20	256QAM	1	1	18.68	19.08	18.81	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.32	23.49	23.39	24.0	0.0
Channel				163800	166300	168500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				818	831.5	844		
10	QPSK	1	1	23.30	23.47	23.34	24.0	0.0
Channel				163300	166300	169000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.34	23.47	23.40	24.0	0.0

n38 Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	24.0	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.05	23.12	23.11	24.0	0.0
40	PI/2 BPSK	1	53	23.09	23.18	23.12		
40	PI/2 BPSK	1	104	23.08	23.13	23.13	23.5	0.5
40	PI/2 BPSK	50	0	22.57	22.66	22.60		
40	PI/2 BPSK	50	26	23.05	23.11	23.12	24.0	0.0
40	PI/2 BPSK	50	56	22.58	22.71	22.65		
40	PI/2 BPSK	100	0	22.56	22.71	22.63	24.0	0.0
40	QPSK	1	1	23.09	23.19	23.10		
40	QPSK	1	53	23.07	23.11	23.12	23.0	1.0
40	QPSK	1	104	23.06	23.07	23.07		
40	QPSK	50	0	22.15	22.19	22.18	24.0	0.0
40	QPSK	50	26	23.05	23.13	23.10		
40	QPSK	50	56	22.08	22.18	22.12	23.0	1.0
40	QPSK	100	0	22.09	22.15	22.12		
40	16QAM	1	1	22.13	22.15	22.16	21.5	2.5
40	64QAM	1	1	20.59	20.61	20.56		
40	256QAM	1	1	18.61	18.63	18.57	19.5	4.5
Channel				517002	518000	520998		
Frequency (MHz)				2585.01	2595	2604.99	24.0	0.0
30	QPSK	1	1	22.99	23.09	23.01		
Channel				516000	519000	522000	24.0	0.0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.00	23.09	23.02	24.0	0.0
Channel				515500	519000	522400		
Frequency (MHz)				2577.51	2595	2612.49	24.0	0.0
15	QPSK	1	1	23.01	23.11	23.00		
Channel				515004	519000	522996	24.0	0.0
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.00	23.10	23.00	24.0	0.0

n41 Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000	24.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.03	23.08	23.04	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.16	23.07		
100	PI/2 BPSK	1	271	23.06	23.09	23.11	23.5	0.5
100	PI/2 BPSK	135	0	22.51	22.64	22.54		
100	PI/2 BPSK	135	69	22.99	23.06	23.05	24.0	0.0
100	PI/2 BPSK	135	138	22.54	22.65	22.57		
100	PI/2 BPSK	270	0	22.51	22.67	22.60	24.0	0.0
100	QPSK	1	1	23.07	23.21	23.06		
100	QPSK	1	137	23.03	23.06	23.08	23.0	1.0
100	QPSK	1	271	23.01	23.04	23.01		
100	QPSK	135	0	22.08	22.15	22.15	24.0	0.0
100	QPSK	135	69	23.01	23.06	23.04		
100	QPSK	135	138	22.02	22.13	22.08	23.0	1.0
100	QPSK	270	0	22.05	22.07	22.06		
100	16QAM	1	1	22.09	22.10	22.14	21.5	2.5
100	64QAM	1	1	20.51	20.58	20.52		
100	256QAM	1	1	18.57	18.56	18.50	19.5	4.5
Channel				505200	518598	529998		
Frequency (MHz)				2541	2592.99	2644.98	24.0	0.0
90	QPSK	1	1	22.99	23.12	22.97		
Channel				507204	518598	529998	24.0	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.97	23.11	22.97	24.0	0.0
Channel				505202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655	24.0	0.0
70	QPSK	1	1	22.98	23.11	22.97		
Channel				505200	518598	531996	24.0	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.97	23.13	22.96	24.0	0.0
Channel				504204	518598	532996		
Frequency (MHz)				2521.02	2592.99	2664.99	24.0	0.0
50	QPSK	1	1	22.99	23.11	22.96		
Channel				503202	518598	534000	24.0	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.99	23.11	22.98	24.0	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98	24.0	0.0
30	QPSK	1	1	22.98	23.12	22.97		
Channel				501204	518598	535998	24.0	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.98	23.13	22.98	24.0	0.0
Channel				500700	518598	536996		
Frequency (MHz)				2501.5	2592.99	2682.48	24.0	0.0
15	QPSK	1	1	22.99	23.13	22.97		
Channel				500202	518598	537000	24.0	0.0
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.84	22.84	22.79	24.0	0.0

Part270 n77 Ant 5											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				650000	656000	662000					
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	23.03	22.93	23.06	24.0	0.0			
100	PI/2 BPSK	1	137	23.02	23.00	23.06					
100	PI/2 BPSK	1	271	22.96	23.00	22.99					
100	PI/2 BPSK	135	0	22.49	22.62	22.48		0.5			
100	PI/2 BPSK	135	69	22.94	23.15	23.05	24.0	0.0			
100	PI/2 BPSK	135	138	22.52	22.72	22.52					
100	PI/2 BPSK	270	0	22.48	22.64	22.58					
100	QPSK	1	1	23.11	23.18	23.15					
100	QPSK	1	137	22.95	22.99	22.95	24.0	0.0			
100	QPSK	1	271	22.96	23.15	22.95					
100	QPSK	135	0	22.14	22.19	22.20		1.0			
100	QPSK	135	69	22.92	23.04	23.02		0.0			
100	QPSK	135	138	21.94	22.15	22.02	23.0	1.0			
100	QPSK	270	0	22.03	22.07	22.02					
100	16QAM	1	1	22.16	22.25	22.16		1.0			
100	64QAM	1	1	20.56	20.54	20.50		2.5			
100	256QAM	1	1	18.60	18.66	18.57	19.5				
Channel				648668	656000	662334	Tune-up limit				
Frequency (MHz)				3745.02	3840	3935.01	(dBm)				
90	QPSK	1	1	23.01	23.08	23.05	24.0	0.0			
Channel				649334	650000	652668	Tune-up limit				
Frequency (MHz)				3740.01	3840	3940.02	(dBm)				
80	QPSK	1	1	23.03	23.10	23.06	24.0	0.0			
Channel				649000	650000	653000	Tune-up limit				
Frequency (MHz)				3735	3840	3945	(dBm)				
70	QPSK	1	1	23.01	23.10	23.05	24.0	0.0			
Channel				648668	650000	653334	Tune-up limit				
Frequency (MHz)				3730.02	3840	3950.01	(dBm)				
60	QPSK	1	1	23.03	23.10	23.05	24.0	0.0			
Channel				648334	650000	653668	Tune-up limit				
Frequency (MHz)				3725.01	3840	3955.02	(dBm)				
50	QPSK	1	1	23.02	23.08	23.06	24.0	0.0			
Channel				648000	650000	654000	Tune-up limit				
Frequency (MHz)				3720	3840	3960	(dBm)				
40	QPSK	1	1	23.01	23.10	23.06	24.0	0.0			
Channel				647668	650000	654334	Tune-up limit				
Frequency (MHz)				3715.02	3840	3965.01	(dBm)				
30	QPSK	1	1	23.02	23.10	23.05	24.0	0.0			
Channel				647334	650000	654668	Tune-up limit				
Frequency (MHz)				3710.01	3840	3970.02	(dBm)				
20	QPSK	1	1	23.01	23.10	23.05	24.0	0.0			
Channel				647000	650000	655334	Tune-up limit				
Frequency (MHz)				3707.52	3840	3972.51	(dBm)				
15	QPSK	1	1	23.01	23.09	23.07	24.0	0.0			
Channel				647000	650000	655000	Tune-up limit				
Frequency (MHz)				3705	3840	3975	(dBm)				
10	QPSK	1	1	23.03	23.09	23.07	24.0	0.0			

Par270 n77 PC2 Ant 5											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				650000	650000	650000					
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	26.14	26.18	26.17	27.0	0.0			
100	PI/2 BPSK	1	137	26.15	26.13	26.09					
100	PI/2 BPSK	1	271	26.17	26.24	26.11					
100	PI/2 BPSK	135	0	25.70	25.72	25.79				0.5	
100	PI/2 BPSK	135	69	26.20	26.21	26.24	27.0	0.0			
100	PI/2 BPSK	135	138	25.71	25.76	25.74					
100	PI/2 BPSK	270	0	25.63	25.87	25.70					
100	QPSK	1	1	26.16	26.27	26.19					
100	QPSK	1	137	26.17	26.19	26.19	27.0	0.0			
100	QPSK	1	271	26.08	26.23	26.04					
100	QPSK	135	0	25.30	25.38	25.35				1.0	
100	QPSK	135	69	26.07	26.21	26.20				0.0	
100	QPSK	135	138	25.34	25.27	25.27	26.0	1.0			
100	QPSK	270	0	25.10	25.32	25.26					
100	16QAM	1	1	25.21	25.31	25.33				1.0	
100	64QAM	1	1	23.69	23.86	23.78				2.5	
100	256QAM	1	1	21.62	21.86	21.74	22.5				
Channel				649668	650000	652334	Tune-up limit				
Frequency (MHz)				3745.02	3840	3935.01	(dBm)				
90	QPSK	1	1	26.06	26.17	26.09	27.0	0.0			
Channel				649334	650000	652668	Tune-up limit				
Frequency (MHz)				3740.01	3840	3940.02	(dBm)				
80	QPSK	1	1	26.06	26.18	26.11	27.0	0.0			
Channel				649000	650000	653000	Tune-up limit				
Frequency (MHz)				3735	3840	3945	(dBm)				
70	QPSK	1	1	26.08	26.18	26.11	27.0	0.0			
Channel				648668	650000	653334	Tune-up limit				
Frequency (MHz)				3730.02	3840	3950.01	(dBm)				
60	QPSK	1	1	26.07	26.19	26.09	27.0	0.0			
Channel				648334	650000	653668	Tune-up limit				
Frequency (MHz)				3725.01	3840	3955.02	(dBm)				
50	QPSK	1	1	26.08	26.19	26.11	27.0	0.0			
Channel				648000	650000	654000	Tune-up limit				
Frequency (MHz)				3720	3840	3960	(dBm)				
40	QPSK	1	1	26.06	26.19	26.09	27.0	0.0			
Channel				647668	650000	654334	Tune-up limit				
Frequency (MHz)				3715.02	3840	3965.01	(dBm)				
30	QPSK	1	1	26.07	26.19	26.10	27.0	0.0			
Channel				647334	650000	654668	Tune-up limit				
Frequency (MHz)				3710.01	3840	3970.02	(dBm)				
20	QPSK	1	1	26.06	26.18	26.10	27.0	0.0			
Channel				647000	650000	654834	Tune-up limit				
Frequency (MHz)				3707.52	3840	3972.51	(dBm)				
15	QPSK	1	1	26.05	26.12	26.05	27.0	0.0			
Channel				647000	650000	655000	Tune-up limit				
Frequency (MHz)				3705	3840	3975	(dBm)				
10	QPSK	1	1	26.05	26.11	26.02	27.0	0.0			

Part270 n78 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	22.90					
100	PI/2 BPSK	1	137	22.83			24.0	0.0	
100	PI/2 BPSK	1	271	22.91					
100	PI/2 BPSK	135	0	22.56			23.5	0.5	
100	PI/2 BPSK	135	69	23.11			24.0	0.0	
100	PI/2 BPSK	135	138	22.53					
100	PI/2 BPSK	270	0	22.51			23.5	0.5	
100	QPSK	1	1	23.18					
100	QPSK	1	137	22.96			24.0	0.0	
100	QPSK	1	271	23.13					
100	QPSK	135	0	22.15			23.0	1.0	
100	QPSK	135	69	22.85			24.0	0.0	
100	QPSK	135	138	22.08					
100	QPSK	270	0	21.88			23.0	1.0	
100	16QAM	1	1	22.22			23.0	1.0	
100	64QAM	1	1	20.50			21.5	2.5	
100	256QAM	1	1	18.50			19.5	4.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	22.99	23.06	22.96	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	22.99	23.06	22.97	24.0	0.0	
Channel				648000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	23.00	23.07	22.95	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	22.98	23.06	22.96	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	23.00	23.06	22.97	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	22.98	23.06	22.95	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	22.99	23.08	22.95	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	22.98	23.08	22.95	24.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	22.98	23.07	22.95	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	22.98	23.07	22.97	24.0	0.0	

Part270 n78 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	26.00					
100	PI/2 BPSK	1	137	26.11			27.0	0.0	
100	PI/2 BPSK	1	271	26.11					
100	PI/2 BPSK	135	0	25.61			26.5	0.5	
100	PI/2 BPSK	135	69	26.04			27.0	0.0	
100	PI/2 BPSK	135	138	25.67					
100	PI/2 BPSK	270	0	25.75			26.5	0.5	
100	QPSK	1	1	26.21					
100	QPSK	1	137	26.06			27.0	0.0	
100	QPSK	1	271	26.08					
100	QPSK	135	0	25.21			26.0	1.0	
100	QPSK	135	69	26.02			27.0	0.0	
100	QPSK	135	138	25.22					
100	QPSK	270	0	25.14			26.0	1.0	
100	16QAM	1	1	25.21			26.0	1.0	
100	64QAM	1	1	23.79			24.5	2.5	
100	256QAM	1	1	21.80			22.5	4.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	26.07	26.11	26.03	27.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	26.06	26.13	26.04	27.0	0.0	
Channel				648000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	26.05	26.13	26.04	27.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	26.05	26.11	26.05	27.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	26.05	26.13	26.05	27.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	26.06	26.11	26.04	27.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	26.05	26.12	26.05	27.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	26.07	26.13	26.03	27.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	26.08	26.12	26.04	27.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	26.07	26.12	26.03	27.0	0.0	

Part270 n77 Ant 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				650000	650000	650000	23.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	21.59	21.52	21.62	23.0	0.0	
100	PI/2 BPSK	1	137	21.59	21.52	21.59			
100	PI/2 BPSK	1	271	21.47	21.57	21.48			
100	PI/2 BPSK	135	0	20.99	21.10	21.02		0.5	
100	PI/2 BPSK	135	69	21.47	21.69	21.61	23.0	0.0	
100	PI/2 BPSK	135	138	21.09	21.15	21.03			
100	PI/2 BPSK	270	0	21.00	21.07	20.99	22.5	0.5	
100	QPSK	1	1	21.54	21.79	21.86			
100	QPSK	1	137	21.37	21.47	21.41	23.0	0.0	
100	QPSK	1	271	21.44	21.72	21.51			
100	QPSK	135	0	20.71	20.64	20.71		1.0	
100	QPSK	135	69	21.48	21.54	21.51		0.0	
100	QPSK	135	138	20.48	20.57	20.57	22.0	1.0	
100	QPSK	270	0	20.42	20.45	20.43			
100	16QAM	1	1	20.73	20.69	20.59	22.0	1.0	
100	64QAM	1	1	19.02	18.96	19.06		2.5	
100	256QAM	1	1	17.07	17.25	17.13	18.5	4.5	
Channel				648668	650000	662334	23.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	21.46	21.70	21.56	23.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02	23.0	0.0	
80	QPSK	1	1	21.44	21.69	21.57		0.0	
Channel				649000	650000	663000	23.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.44	21.71	21.58	23.0	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01	23.0	0.0	
60	QPSK	1	1	21.46	21.69	21.58		0.0	
Channel				648334	650000	663000	23.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.45	21.69	21.56	23.0	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960	23.0	0.0	
40	QPSK	1	1	21.44	21.70	21.58		0.0	
Channel				647668	650000	663334	23.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	21.45	21.70	21.57	23.0	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02	23.0	0.0	
20	QPSK	1	1	21.44	21.71	21.56		0.0	
Channel				647000	650000	665000	23.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	21.45	21.70	21.58	23.0	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975	23.0	0.0	
10	QPSK	1	1	21.41	21.65	21.49		0.0	

Part270 n77 PC2 Ant 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				650000	650000	650000	26.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	24.66	24.70	24.75	26.0	0.0	
100	PI/2 BPSK	1	137	24.83	24.69	24.78			
100	PI/2 BPSK	1	271	24.74	24.79	24.73			
100	PI/2 BPSK	135	0	24.23	24.27	24.38		0.5	
100	PI/2 BPSK	135	69	24.65	24.74	24.84	26.0	0.0	
100	PI/2 BPSK	135	138	24.28	24.36	24.31			
100	PI/2 BPSK	270	0	24.19	24.55	24.34	25.5	0.5	
100	QPSK	1	1	24.82	24.88	24.72			
100	QPSK	1	137	24.79	24.87	24.79	26.0	0.0	
100	QPSK	1	271	24.68	24.75	24.60			
100	QPSK	135	0	23.84	23.89	23.95		1.0	
100	QPSK	135	69	24.67	24.82	24.80		0.0	
100	QPSK	135	138	23.86	23.88	23.81	25.0	1.0	
100	QPSK	270	0	23.89	23.98	23.95			
100	16QAM	1	1	23.89	23.99	23.90	25.0	1.0	
100	64QAM	1	1	22.36	22.53	22.46		2.5	
100	256QAM	1	1	20.13	20.51	20.33	21.5	4.5	
Channel				648668	650000	662334	26.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	24.72	24.78	24.63	26.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02	26.0	0.0	
80	QPSK	1	1	24.72	24.78	24.63		0.0	
Channel				649000	650000	663000	26.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	24.73	24.79	24.63	26.0	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01	26.0	0.0	
60	QPSK	1	1	24.74	24.80	24.62		0.0	
Channel				648334	650000	663000	26.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	24.74	24.79	24.64	26.0	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960	26.0	0.0	
40	QPSK	1	1	24.74	24.78	24.64		0.0	
Channel				647668	650000	663334	26.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	24.72	24.78	24.62	26.0	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02	26.0	0.0	
20	QPSK	1	1	24.72	24.80	24.64		0.0	
Channel				647000	650000	665000	26.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	24.73	24.78	24.64	26.0	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975	26.0	0.0	
10	QPSK	1	1	24.73	24.79	24.62		0.0	

Part270 n78 Ant 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				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		21.34				
100	PI/2 BPSK	1	137		21.41		23.0	0.0	
100	PI/2 BPSK	1	271		21.53				
100	PI/2 BPSK	135	0		20.96		22.5	0.5	
100	PI/2 BPSK	135	69		21.50		23.0	0.0	
100	PI/2 BPSK	135	138		20.97				
100	PI/2 BPSK	270	0		20.99		22.5	0.5	
100	QPSK	1	1		21.74				
100	QPSK	1	137		21.30		23.0	0.0	
100	QPSK	1	271		21.55				
100	QPSK	135	0		20.53		22.0	1.0	
100	QPSK	135	69		21.35		23.0	0.0	
100	QPSK	135	138		20.39				
100	QPSK	270	0		20.29		22.0	1.0	
100	16QAM	1	1		20.51		22.0	1.0	
100	64QAM	1	1		18.78		20.5	2.5	
100	256QAM	1	1		17.11		18.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	21.61	21.64	21.61	23.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	21.62	21.65	21.60	23.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	21.61	21.66	21.59	23.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	21.63	21.66	21.59	23.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	21.63	21.66	21.59	23.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	21.62	21.66	21.60	23.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	21.62	21.65	21.60	23.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	21.62	21.66	21.61	23.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	21.61	21.59	21.55	23.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	21.45	21.43	21.45	23.0	0.0	

Part270 n78 PC2 Ant 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				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		24.52				
100	PI/2 BPSK	1	137		24.54		26.0	0.0	
100	PI/2 BPSK	1	271		24.69				
100	PI/2 BPSK	135	0		24.11		25.5	0.5	
100	PI/2 BPSK	135	69		24.55		26.0	0.0	
100	PI/2 BPSK	135	138		24.19				
100	PI/2 BPSK	270	0		24.48		25.5	0.5	
100	QPSK	1	1		24.78				
100	QPSK	1	137		24.76		26.0	0.0	
100	QPSK	1	271		24.72				
100	QPSK	135	0		23.71		25.0	1.0	
100	QPSK	135	69		24.67		26.0	0.0	
100	QPSK	135	138		23.87				
100	QPSK	270	0		23.88		25.0	1.0	
100	16QAM	1	1		23.83		25.0	1.0	
100	64QAM	1	1		22.46		23.5	2.5	
100	256QAM	1	1		20.49		21.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	24.66	24.69	24.61	26.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	24.67	24.70	24.62	26.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	24.65	24.69	24.63	26.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	24.67	24.70	24.62	26.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	24.66	24.68	24.62	26.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	24.66	24.70	24.63	26.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	24.67	24.70	24.62	26.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	24.66	24.70	24.62	26.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	24.67	24.68	24.62	26.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	24.66	24.70	24.63	26.0	0.0	

Part270 n77 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	21.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.55	19.50	19.70	21.0	0.0	
100	PI/2 BPSK	1	137	19.53	19.50	19.52			
100	PI/2 BPSK	1	271	19.44	19.52	19.53			
100	PI/2 BPSK	135	0	18.91	19.13	19.03		0.5	
100	PI/2 BPSK	135	69	19.45	19.72	19.59	21.0	0.0	
100	PI/2 BPSK	135	138	19.10	19.11	18.98			
100	PI/2 BPSK	270	0	18.98	19.09	18.99	20.5	0.5	
100	QPSK	1	1	19.53	19.85	19.84			
100	QPSK	1	137	19.41	19.46	19.47	21.0	0.0	
100	QPSK	1	271	19.42	19.78	19.50			
100	QPSK	135	0	18.88	18.66	18.79		1.0	
100	QPSK	135	69	19.49	19.58	19.57		0.0	
100	QPSK	135	138	18.56	18.65	18.54	20.0	1.0	
100	QPSK	270	0	18.38	18.44	18.36			
100	16QAM	1	1	18.76	18.63	18.59	20.0	1.0	
100	64QAM	1	1	17.03	16.97	17.07		2.5	
100	256QAM	1	1	15.02	15.20	15.09	18.5	4.5	
Channel				648668	656000	662334	21.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.43	19.76	19.54	21.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02	21.0	0.0	
80	QPSK	1	1	19.43	19.75	19.55		0.0	
Channel				649200	656000	663200	21.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.45	19.76	19.55	21.0	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01	21.0	0.0	
60	QPSK	1	1	19.44	19.76	19.55		0.0	
Channel				648334	656000	663068	21.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	19.44	19.75	19.55	21.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960	21.0	0.0	
40	QPSK	1	1	19.43	19.76	19.56		0.0	
Channel				647668	656000	663334	21.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	19.44	19.75	19.56	21.0	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02	21.0	0.0	
20	QPSK	1	1	19.43	19.77	19.55		0.0	
Channel				647168	656000	664334	21.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.43	19.75	19.55	21.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975	21.0	0.0	
10	QPSK	1	1	19.45	19.51	19.49			

Part270 n77 PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	24.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	22.47	22.48	22.51	24.0	0.0	
100	PI/2 BPSK	1	137	22.65	22.51	22.60			
100	PI/2 BPSK	1	271	22.54	22.51	22.55			
100	PI/2 BPSK	135	0	22.00	22.01	22.09		0.5	
100	PI/2 BPSK	135	69	22.73	22.49	22.56	22.0	0.0	
100	PI/2 BPSK	135	138	22.03	22.18	22.10			
100	PI/2 BPSK	270	0	21.95	22.33	22.20	23.5	0.5	
100	QPSK	1	1	22.63	22.75	22.45			
100	QPSK	1	137	22.56	22.66	22.56	24.0	0.0	
100	QPSK	1	271	22.43	22.59	22.34			
100	QPSK	135	0	21.56	21.67	21.79		1.0	
100	QPSK	135	69	22.45	22.59	22.66		0.0	
100	QPSK	135	138	21.60	21.77	21.58	23.0	1.0	
100	QPSK	270	0	21.40	21.77	21.73			
100	16QAM	1	1	21.63	21.74	21.71	23.0	1.0	
100	64QAM	1	1	20.16	20.31	20.19		2.5	
100	256QAM	1	1	17.66	18.33	18.07	19.5	4.5	
Channel				648668	656000	662334	24.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.53	22.66	22.35	24.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02	24.0	0.0	
80	QPSK	1	1	22.54	22.67	22.36		0.0	
Channel				649000	656000	663000	24.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.55	22.67	22.36	24.0	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01	24.0	0.0	
60	QPSK	1	1	22.54	22.67	22.35		0.0	
Channel				648334	656000	663068	24.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	22.53	22.66	22.35	24.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960	24.0	0.0	
40	QPSK	1	1	22.54	22.65	22.37		0.0	
Channel				647668	656000	663334	24.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	22.55	22.66	22.37	24.0	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02	24.0	0.0	
20	QPSK	1	1	22.54	22.66	22.35		0.0	
Channel				647168	656000	664334	24.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.54	22.65	22.37	24.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975	24.0	0.0	
10	QPSK	1	1	22.53	22.66	22.37			

Part270 n78 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		19.37				
100	PI/2 BPSK	1	137		19.39		21.0	0.0	
100	PI/2 BPSK	1	271		19.39				
100	PI/2 BPSK	135	0		18.95		20.5	0.5	
100	PI/2 BPSK	135	69		19.35		21.0	0.0	
100	PI/2 BPSK	135	138		19.02				
100	PI/2 BPSK	270	0		19.07		20.5	0.5	
100	QPSK	1	1		19.83				
100	QPSK	1	137		19.39		21.0	0.0	
100	QPSK	1	271		19.75				
100	QPSK	135	0		18.61		20.0	1.0	
100	QPSK	135	69		19.40		21.0	0.0	
100	QPSK	135	138		18.47				
100	QPSK	270	0		18.31		20.0	1.0	
100	16QAM	1	1		18.55		20.0	1.0	
100	64QAM	1	1		16.89		18.5	2.5	
100	256QAM	1	1		15.10		16.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		19.68	19.73	21.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		19.69	19.75	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		19.68	19.74	21.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		19.70	19.74	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		19.69	19.73	21.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1		19.70	19.75	21.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		19.68	19.71	21.0	0.0	

Part270 n78 PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		22.44				
100	PI/2 BPSK	1	137		22.34		24.0	0.0	
100	PI/2 BPSK	1	271		22.45				
100	PI/2 BPSK	135	0		21.95		23.5	0.5	
100	PI/2 BPSK	135	69		22.39		24.0	0.0	
100	PI/2 BPSK	135	138		22.07				
100	PI/2 BPSK	270	0		22.24		23.5	0.5	
100	QPSK	1	1		22.57				
100	QPSK	1	137		22.49		24.0	0.0	
100	QPSK	1	271		22.53				
100	QPSK	135	0		21.62		23.0	1.0	
100	QPSK	135	69		22.57		24.0	0.0	
100	QPSK	135	138		21.68				
100	QPSK	270	0		21.62		23.0	1.0	
100	16QAM	1	1		21.71		23.0	1.0	
100	64QAM	1	1		20.26		21.5	2.5	
100	256QAM	1	1		18.19		19.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		22.57	22.57	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		22.55	22.57	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		22.55	22.59	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		22.57	22.58	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		22.55	22.59	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		22.56	22.57	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		22.57	22.58	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		22.57	22.58	24.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1		22.58	22.59	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		22.56	22.59	24.0	0.0	

Reduced Power Mode for DSI2

n5 Ant 0 DSI2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.15	23.19	23.18	24.0	0.0
20	QPSK	1	53	23.12	23.08	22.98		
20	QPSK	1	104	22.89	22.99	23.02		
20	QPSK	50	0	21.94	22.13	22.16	23.0	1.0
20	QPSK	50	28	23.07	23.08	22.91	24.0	0.0
20	QPSK	50	56	21.91	22.08	22.04	23.0	1.0
20	QPSK	100	0	22.06	22.14	22.03		

n26 Ant 0 DS12								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164800	Power Middle Ch. / Freq. 166300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				82.4	831.5	839		
Frequency (MHz)								
20	QPSK	1	1	23.45	23.56	23.50	24.0	0.0
20	QPSK	1	53	23.25	23.53	23.36		
20	QPSK	1	104	23.43	23.41	23.31		
20	QPSK	50	0	22.55	22.56	22.43	23.0	1.0
20	QPSK	50	28	23.40	23.50	23.33	24.0	0.0
20	QPSK	50	56	22.41	22.57	22.63	23.0	1.0
20	QPSK	100	0	22.38	22.46	22.46		

n7 Ant 1 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				54000	50700	51000	24.0	0.0
Frequency (MHz)				2590	2635	2650		
40	QPSK	1	1	23.15	23.20	23.01		
40	QPSK	1	108	22.96	22.95	23.08		
40	QPSK	1	214	22.99	23.08	22.87	23.0	1.0
40	QPSK	108	0	21.82	22.09	21.52		
40	QPSK	108	54	22.72	22.94	22.76		
40	QPSK	108	108	21.90	21.85	22.07		
40	QPSK	216	0	21.99	22.07	21.94	23.0	1.0

n38 Ant 1 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	516996	24.0	0.0
Frequency (MHz)				2550.02	2656	2699.98		
40	QPSK	1	1	22.98	23.09	22.97		
40	QPSK	1	53	22.98	23.02	23.00	24.0	0.0
40	QPSK	1	104	22.94	23.00	22.99		
40	QPSK	50	0	22.04	22.07	22.07		
40	QPSK	50	26	22.97	23.06	22.96	24.0	0.0
40	QPSK	50	56	22.00	22.05	22.04	23.0	1.0
40	QPSK	100	0	21.99	22.08	22.02		

n41 Ant 1 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	516598	526000	24.0	0.0
Frequency (MHz)				2546.01	2652.96	2640		
100	QPSK	1	1	22.72	22.86	22.81		
100	QPSK	1	137	22.72	22.80	22.75	24.0	0.0
100	QPSK	1	271	22.71	22.79	22.76		
100	QPSK	135	0	21.74	21.88	21.85		
100	QPSK	135	69	22.68	22.84	22.79	24.0	0.0
100	QPSK	135	138	21.74	21.85	21.85	23.0	1.0
100	QPSK	270	0	21.78	21.84	21.81		

Part270 n78 Ant 3 DS12									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		19.95		21.0	0.0	
100	PI/2 BPSK	1	137		20.09				
100	PI/2 BPSK	1	271		19.93				
100	PI/2 BPSK	135	0		19.56				
100	PI/2 BPSK	135	69		20.17		20.5	0.5	
100	PI/2 BPSK	135	138		19.82		21.0	0.0	
100	PI/2 BPSK	270	0		19.74		20.5	0.5	
100	QPSK	1	1		20.23		21.0	0.0	
100	QPSK	1	137		20.08				
100	QPSK	1	271		20.05				
100	QPSK	135	0		19.20				
100	QPSK	135	69		20.03		21.0	0.0	
100	QPSK	135	138		19.09		20.0	1.0	
100	QPSK	270	0		19.15		20.0	1.0	
100	16QAM	1	1		19.24		20.0	1.0	
100	64QAM	1	1		17.55		18.5	2.5	
100	256QAM	1	1		15.64		16.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	20.09	20.13	19.99	21.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	20.08	20.15	19.98	21.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	20.10	20.15	19.98	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	20.08	20.14	19.98	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	20.09	20.13	19.99	21.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	20.09	20.15	19.99	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	20.09	20.14	19.98	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	20.10	20.15	20.00	21.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	20.09	20.13	19.99	21.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	20.05	20.11	20.11	21.0	0.0	

Part270 n78 PC2 Ant 3 DS12									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		23.38		24.0	0.0	
100	PI/2 BPSK	1	137		23.11				
100	PI/2 BPSK	1	271		23.37				
100	PI/2 BPSK	135	0		22.76				
100	PI/2 BPSK	135	69		23.28		23.5	0.5	
100	PI/2 BPSK	135	138		22.77		24.0	0.0	
100	PI/2 BPSK	270	0		22.90		23.5	0.5	
100	QPSK	1	1		23.38		24.0	0.0	
100	QPSK	1	137		23.15				
100	QPSK	1	271		23.24				
100	QPSK	135	0		22.40				
100	QPSK	135	69		23.25		24.0	0.0	
100	QPSK	135	138		22.30		23.0	1.0	
100	QPSK	270	0		22.28				
100	16QAM	1	1		22.34		23.0	1.0	
100	64QAM	1	1		20.79		21.5	2.5	
100	256QAM	1	1		18.80		19.5	4.5	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	23.13	23.29	23.28	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	23.14	23.30	23.28	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	23.13	23.29	23.26	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	23.14	23.29	23.21	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	23.15	23.30	23.26	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	23.13	23.29	23.27	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	23.13	23.28	23.28	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	23.15	23.30	23.27	24.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	23.14	23.29	23.27	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	23.14	23.30	23.28	24.0	0.0	

n5 Ant 4 DS12								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				834	836.5	839		
Frequency (MHz)				166800	167300	167800		
20	PI2 BPSK	1	1	21.36	21.67	21.50		
20	PI2 BPSK	1	53	21.42	21.61	21.43	23.2	0.0
20	PI2 BPSK	1	104	21.37	21.57	21.48		
20	PI2 BPSK	50	0	21.58	21.64	21.44	23.2	0.0
20	PI2 BPSK	50	28	21.58	21.82	21.31	23.2	0.0
20	PI2 BPSK	50	56	21.58	21.48	21.45		
20	PI2 BPSK	100	0	21.55	21.50	21.59	23.2	0.0
20	QPSK	1	1	21.47	21.83	21.45		
20	QPSK	1	53	21.52	21.74	21.48	23.2	0.0
20	QPSK	1	104	21.38	21.59	21.49		
20	QPSK	50	0	21.51	21.66	21.55	23.0	0.2
20	QPSK	50	28	21.40	21.71	21.31	23.2	0.0
20	QPSK	50	56	21.30	21.59	21.33	23.0	0.2
20	QPSK	100	0	21.42	21.70	21.57		
20	16QAM	1	1	21.38	21.61	21.38	23.0	0.2
20	64QAM	1	1	20.44	20.66	20.57	21.5	1.7
20	256QAM	1	1	18.36	18.66	18.59	19.5	3.7
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.37	21.58	21.36	23.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				839	838.5	844		
10	QPSK	1	1	21.38	21.60	21.38	23.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				838.5	838.5	846.5		
5	QPSK	1	1	21.39	21.60	21.36	23.2	0.0

n7 Ant 4 DS12								
BW (MHz)	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	17.81	17.90	17.84		
40	PI2 BPSK	1	108	17.75	17.96	17.68	19.1	0.0
40	PI2 BPSK	1	214	17.93	17.98	17.87		
40	PI2 BPSK	108	0	17.87	17.89	17.78	19.1	0.0
40	PI2 BPSK	108	54	17.87	18.02	17.68	19.1	0.0
40	PI2 BPSK	108	108	17.90	17.88	17.71	19.1	0.0
40	PI2 BPSK	216	0	17.84	17.90	17.81		
40	QPSK	1	1	17.88	18.06	17.86		
40	QPSK	1	108	17.97	18.05	17.77	19.1	0.0
40	QPSK	1	214	17.83	17.91	17.71		
40	QPSK	108	0	17.91	17.92	17.86	19.1	0.0
40	QPSK	108	54	17.85	17.95	17.73	19.1	0.0
40	QPSK	108	108	17.90	17.89	17.68	19.1	0.0
40	QPSK	216	0	17.76	17.82	17.69		
40	16QAM	1	1	17.81	17.97	17.78	19.1	0.0
40	64QAM	1	1	17.91	17.94	17.67	19.1	0.0
40	256QAM	1	1	17.84	17.81	17.62	19.1	0.0
Channel				503500	507000	511000		
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.88	17.93	17.77	19.1	0.0
Channel				502500	507000	511500		
Frequency (MHz)				2512.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	17.89	17.92	17.77	19.1	0.0
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560	Tune-up limit (dBm)	MPR (dB)
20	PI2 BPSK	1	1	17.85	17.85	17.75	19.1	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	17.88	17.84	17.79	19.1	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	17.89	17.92	17.78	19.1	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	17.88	17.93	17.78	19.1	0.0

n26 Ant 4 DS12								
BW (MHz)	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	PI2 BPSK	1	1	21.47	21.79	21.60		
20	PI2 BPSK	1	53	21.56	21.78	21.58	23.2	0.0
20	PI2 BPSK	1	104	21.47	21.70	21.64		
20	PI2 BPSK	50	0	21.66	21.77	21.55	23.2	0.0
20	PI2 BPSK	50	28	21.64	21.88	21.49	23.2	0.0
20	PI2 BPSK	50	56	21.64	21.72	21.62	23.2	0.0
20	PI2 BPSK	100	0	21.70	21.67	21.65	23.2	0.0
20	QPSK	1	1	21.69	21.90	21.67		
20	QPSK	1	53	21.67	21.82	21.56	23.2	0.0
20	QPSK	1	104	21.61	21.75	21.71		
20	QPSK	50	0	21.65	21.76	21.63	23.0	0.2
20	QPSK	50	28	21.54	21.78	21.54	23.2	0.0
20	QPSK	50	56	21.54	21.74	21.49	23.0	0.2
20	QPSK	100	0	21.51	21.85	21.68		
20	16QAM	1	1	21.56	21.77	21.62	23.0	0.2
20	64QAM	1	1	20.60	20.79	20.68	21.5	1.7
20	256QAM	1	1	18.45	18.75	18.59	19.5	3.7
Channel				165300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.61	21.80	21.59	23.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				818	831.5	844		
10	QPSK	1	1	21.61	21.80	21.57	23.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.55	21.55	21.53	23.2	0.0

n38 Ant 4 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	516996	18.9	0.0
Frequency (MHz)				2590.02	2596	2599.98		
40	PI/2 BPSK	1	1	17.21	17.49	17.33	18.9	0.0
40	PI/2 BPSK	1	53	17.24	17.26	17.24		
40	PI/2 BPSK	1	104	17.24	17.32	17.16		
40	PI/2 BPSK	50	0	17.24	17.45	17.11		
40	PI/2 BPSK	50	26	17.22	17.51	17.24	18.9	0.0
40	PI/2 BPSK	50	56	17.33	17.44	17.28		
40	PI/2 BPSK	100	0	17.37	17.34	17.33		
40	QPSK	1	1	17.29	17.45	17.26		
40	QPSK	1	53	17.37	17.39	17.19	18.9	0.0
40	QPSK	1	104	17.34	17.40	17.27		
40	QPSK	50	0	17.26	17.49	17.13		
40	QPSK	50	26	17.15	17.53	17.34		
40	QPSK	50	56	17.36	17.34	17.27	18.9	0.0
40	QPSK	100	0	17.25	17.35	17.24		
40	16QAM	1	1	17.35	17.35	17.33		
40	64QAM	1	1	17.12	17.42	17.35		
40	256QAM	1	1	17.30	17.42	17.37	18.9	0.0
Channel				517002	516900	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2596	2600.99		
30	QPSK	1	1	17.21	17.36	17.18	18.9	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	1	17.19	17.37	17.16	18.9	0.0
Channel				516302	516000	522400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2596	2612.49		
15	QPSK	1	1	17.20	17.38	17.18	18.9	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2596	2614.98		
10	QPSK	1	1	17.20	17.36	17.17	18.9	0.0

n41 Ant 4 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	516598	526000	18.9	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.39	17.57	17.47	18.9	0.0
100	PI/2 BPSK	1	137	17.46	17.46	17.41		
100	PI/2 BPSK	1	271	17.36	17.49	17.34		
100	PI/2 BPSK	135	0	17.37	17.57	17.35		
100	PI/2 BPSK	135	69	17.46	17.60	17.41	18.9	0.0
100	PI/2 BPSK	135	138	17.46	17.57	17.39		
100	PI/2 BPSK	270	0	17.45	17.49	17.39		
100	QPSK	1	1	17.37	17.63	17.43		
100	QPSK	1	137	17.45	17.46	17.36	18.9	0.0
100	QPSK	1	271	17.43	17.59	17.36		
100	QPSK	135	0	17.44	17.60	17.38		
100	QPSK	135	69	17.33	17.62	17.44		
100	QPSK	135	138	17.47	17.57	17.37	18.9	0.0
100	QPSK	270	0	17.37	17.50	17.46		
100	16QAM	1	1	17.43	17.51	17.40		
100	64QAM	1	1	17.35	17.61	17.48		
100	256QAM	1	1	17.48	17.61	17.47	18.9	0.0
Channel				506200	516598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.29	17.38	17.33	18.9	0.0
Channel				507204	516598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.26	17.38	17.35	18.9	0.0
Channel				506202	516598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.29	17.38	17.35	18.9	0.0
Channel				505200	516598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.27	17.38	17.35	18.9	0.0
Channel				504204	516598	532996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2621.02	2592.99	2664.99		
50	QPSK	1	1	17.28	17.38	17.33	18.9	0.0
Channel				503202	516598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.27	17.37	17.35	18.9	0.0
Channel				502200	516598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.29	17.37	17.33	18.9	0.0
Channel				501204	516598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.29	17.38	17.35	18.9	0.0
Channel				500700	516598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.28	17.37	17.33	18.9	0.0
Channel				500202	516598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.29	17.37	17.33	18.9	0.0

Reduced Power Mode for DSI3

n5 Ant 0 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)				166800	167300	167800		
				834	836.5	839		
20	QPSK	1	1	23.15	23.19	23.18	24.0	0.0
20	QPSK	1	53	23.12	23.08	22.98		
20	QPSK	1	104	22.89	22.99	23.02		
20	QPSK	50	0	21.94	22.13	22.16	23.0	1.0
20	QPSK	50	28	23.07	23.08	22.91	24.0	0.0
20	QPSK	50	56	21.91	22.08	22.04	23.0	1.0
20	QPSK	100	0	22.06	22.14	22.03		

n26 Ant 0 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)				164800	166300	167800		
				824	831.5	839		
20	QPSK	1	1	23.45	23.56	23.50	24.0	0.0
20	QPSK	1	53	23.25	23.53	23.36		
20	QPSK	1	104	23.43	23.41	23.31		
20	QPSK	50	0	22.55	22.56	22.43	23.0	1.0
20	QPSK	50	28	23.40	23.50	23.33	24.0	0.0
20	QPSK	50	56	22.41	22.57	22.63	23.0	1.0
20	QPSK	100	0	22.38	22.48	22.46		

n7 Ant 1 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	23.5	0.0
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.16	22.25	21.98		
40	QPSK	1	108	22.13	22.22	21.99	23.5	0.0
40	QPSK	1	214	22.14	22.23	22.01		
40	QPSK	108	0	22.15	22.22	22.03		
40	QPSK	108	54	22.12	22.24	22.02	23.5	0.0
40	QPSK	108	108	22.16	22.23	22.01		
40	QPSK	216	0	22.16	22.20	22.01		

n38 Ant 1 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	516996	21.7	0.0
Frequency (MHz)				2550.02	2556	2559.98		
40	PI/2 BPSK	1	1	20.00	20.10	20.06	21.7	0.0
40	PI/2 BPSK	1	53	20.06	20.05	20.00		
40	PI/2 BPSK	1	104	19.99	20.13	19.90	21.7	0.0
40	PI/2 BPSK	50	0	20.05	20.07	19.90		
40	PI/2 BPSK	50	26	20.00	20.06	20.07	21.7	0.0
40	PI/2 BPSK	50	56	20.00	20.14	20.01		
40	PI/2 BPSK	100	0	20.09	20.04	19.91	21.7	0.0
40	QPSK	1	1	20.00	20.17	19.92		
40	QPSK	1	53	19.96	20.07	19.87	21.7	0.0
40	QPSK	1	104	19.98	20.11	19.99		
40	QPSK	50	0	19.93	19.99	19.99	21.7	0.0
40	QPSK	50	26	19.92	20.12	19.95		
40	QPSK	50	56	19.91	20.08	19.90	21.7	0.0
40	QPSK	100	0	19.93	20.06	19.98		
40	16QAM	1	1	19.88	20.01	20.01	21.7	0.0
40	64QAM	1	1	19.98	20.06	19.91		
40	256QAM	1	1	17.95	17.85	17.88	19.5	2.2
Channel				517002	516900	520998	21.7	0.0
Frequency (MHz)				2585.01	2596	2600.99		
30	QPSK	1	1	19.92	20.09	19.84	21.7	0.0
Channel				516000	519000	522000		
Frequency (MHz)				2580	2596	2610	21.7	0.0
20	QPSK	1	1	19.92	20.06	19.83		
Channel				515300	519000	522400	21.7	0.0
Frequency (MHz)				2577.51	2596	2612.49		
15	QPSK	1	1	19.91	20.08	19.83	21.7	0.0
Channel				515004	519000	522996		
Frequency (MHz)				2575.02	2596	2614.98	21.7	0.0
10	QPSK	1	1	19.92	20.08	19.84		

n41 Ant 1 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505202	518598	528000	21.7	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.07	20.17	20.09	21.7	0.0
100	PI/2 BPSK	1	137	20.07	20.17	20.07		
100	PI/2 BPSK	1	271	20.11	20.18	20.06	21.7	0.0
100	PI/2 BPSK	135	0	20.04	20.16	20.03		
100	PI/2 BPSK	135	69	20.07	20.16	20.07	21.7	0.0
100	PI/2 BPSK	135	138	20.09	20.16	20.04		
100	PI/2 BPSK	270	0	20.08	20.17	20.07	21.7	0.0
100	QPSK	1	1	20.07	20.19	20.06		
100	QPSK	1	137	20.03	20.14	20.02	21.7	0.0
100	QPSK	1	271	20.07	20.15	20.08		
100	QPSK	135	0	20.03	20.15	20.04	21.7	0.0
100	QPSK	135	69	20.04	20.16	20.04		
100	QPSK	135	138	20.04	20.13	20.04	21.7	0.0
100	QPSK	270	0	20.08	20.16	20.05		
100	16QAM	1	1	20.04	20.16	20.04	21.7	0.0
100	64QAM	1	1	20.04	20.14	20.04		
100	256QAM	1	1	17.95	17.99	17.85	19.5	2.2
Channel				506200	518598	529996	21.7	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.07	20.11	20.04	21.7	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99	21.7	0.0
80	QPSK	1	1	20.05	20.10	20.03		
Channel				505202	518598	531000	21.7	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.07	20.09	20.05	21.7	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98	21.7	0.0
60	QPSK	1	1	20.06	20.10	20.04		
Channel				504204	518598	532996	21.7	0.0
Frequency (MHz)				2621.02	2592.99	2664.99		
50	QPSK	1	1	20.07	20.09	20.04	21.7	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670	21.7	0.0
40	QPSK	1	1	20.06	20.11	20.04		
Channel				502200	518598	534996	21.7	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.06	20.11	20.04	21.7	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99	21.7	0.0
20	QPSK	1	1	20.06	20.10	20.05		
Channel				500700	518598	536996	21.7	0.0
Frequency (MHz)				2501.5	2592.99	2682.48		
15	QPSK	1	1	20.05	20.09	20.05	21.7	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685	21.7	0.0
10	QPSK	1	1	20.07	20.11	20.03		

n5 Ant 4 DS13								
BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dbm)	MPR (db)
				Low Ch. / Freq. 166300	Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800		
Channel				834	836.5	839		
Frequency (MHz)								
20	PQ2 BPSK	1	1	21.36	21.67	21.50	23.2	0.0
20	PQ2 BPSK	1	53	21.42	21.61	21.43		
20	PQ2 BPSK	1	104	21.37	21.57	21.48		
20	PQ2 BPSK	50	0	21.58	21.64	21.44	23.2	0.0
20	PQ2 BPSK	50	28	21.58	21.82	21.31	23.2	0.0
20	PQ2 BPSK	50	56	21.58	21.48	21.45	23.2	0.0
20	PQ2 BPSK	100	0	21.55	21.50	21.59		
20	QPSK	1	1	21.47	21.83	21.45		
20	QPSK	1	53	21.52	21.74	21.48	23.2	0.0
20	QPSK	1	104	21.38	21.59	21.49		
20	QPSK	50	0	21.51	21.66	21.55	23.0	0.2
20	QPSK	50	28	21.40	21.71	21.31	23.2	0.0
20	QPSK	50	56	21.30	21.59	21.33	23.0	0.2
20	QPSK	100	0	21.42	21.74	21.57	23.0	0.2
20	16QAM	1	1	21.38	21.61	21.38		
20	64QAM	1	1	20.44	20.66	20.57	21.5	1.7
20	256QAM	1	1	18.36	18.68	18.39	19.5	3.7
Channel				166300	167300	168300	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				831.5	836.5	841.5	(dbm)	(db)
15	QPSK	1	1	21.37	21.58	21.36	23.2	0.0
Channel				165000	167300	168800	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				829	836.5	844	(dbm)	(db)
10	QPSK	1	1	21.38	21.60	21.38	23.2	0.0
Channel				165300	167300	169300	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				831.5	836.5	846.5	(dbm)	(db)
5	QPSK	1	1	21.39	21.60	21.36	23.2	0.0

n7 Ant 4 DS13								
BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)
				Low Power Ch. Freq.	Middle Power Ch. Freq.	High Power Ch. Freq.		
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PV2 BPSK	1	1	14.89	15.08	14.83	16.6	0.0
40	PV2 BPSK	1	108	14.88	15.04	14.86		
40	PV2 BPSK	1	214	14.91	15.00	14.82		
40	PV2 BPSK	108	0	14.82	15.10	14.90	16.6	0.0
40	PV2 BPSK	108	54	14.90	15.09	14.92	16.6	0.0
40	PV2 BPSK	108	108	15.00	15.17	14.93	16.6	0.0
40	PV2 BPSK	216	0	14.91	15.01	14.88		
40	QPSK	1	1	14.84	15.15	14.90		
40	QPSK	1	108	14.98	15.01	14.89	16.6	0.0
40	QPSK	1	214	14.86	15.12	14.91		
40	QPSK	108	0	14.92	15.05	14.94	16.6	0.0
40	QPSK	108	54	14.88	15.09	14.84	16.6	0.0
40	QPSK	108	108	14.91	15.08	14.86	16.6	0.0
40	QPSK	216	0	14.95	15.05	14.97		
40	16QAM	1	1	14.94	15.04	14.80	16.6	0.0
40	64QAM	1	1	14.92	14.95	14.94	16.6	0.0
40	256QAM	1	1	14.85	15.00	14.81	16.6	0.0
Channel				507000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	14.75	15.06	14.82	16.6	0.0
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2562.5	(dBm)	(dB)
25	QPSK	1	1	14.74	15.07	14.80	16.6	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PV2 BPSK	1	1	14.76	15.07	14.81	16.6	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	14.76	15.07	14.80	16.6	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	14.74	15.07	14.80	16.6	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	14.75	15.06	14.82	16.6	0.0

n26 Ant 4 DS13								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co. / Freq. 164800	Power Middle Co. / Freq. 166300	Power High Co. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				824	831.5	839		
Frequency (MHz)								
20	PV2 BPSK	1	1	21.47	21.79	21.60	23.2	0.0
20	PV2 BPSK	1	53	21.56	21.78	21.58		
20	PV2 BPSK	1	104	21.47	21.70	21.64		
20	PV2 BPSK	50	0	21.66	21.77	21.55	23.2	0.0
20	PV2 BPSK	50	28	21.64	21.88	21.49	23.2	0.0
20	PV2 BPSK	50	56	21.64	21.72	21.62	23.2	0.0
20	PV2 BPSK	100	0	21.70	21.67	21.65		
20	QPSK	1	1	21.69	21.90	21.67		
20	QPSK	1	53	21.67	21.82	21.56	23.2	0.0
20	QPSK	1	104	21.61	21.75	21.71		
20	QPSK	50	0	21.65	21.76	21.63	23.0	0.2
20	QPSK	50	28	21.54	21.78	21.54	23.2	0.0
20	QPSK	50	56	21.54	21.74	21.49	23.0	0.2
20	QPSK	100	0	21.51	21.85	21.68		
20	16QAM	1	1	21.56	21.77	21.62	23.0	0.2
20	64QAM	1	1	20.60	20.79	20.68	21.5	1.7
20	256QAM	1	1	18.45	18.75	18.59	19.5	3.7
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.61	21.80	21.59	23.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				818	831.5	844	(dBm)	(dB)
10	QPSK	1	1	21.61	21.80	21.57	23.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.55	21.55	21.53	23.2	0.0

n38 Ant 4 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	519000	519996	16.8	0.0
Frequency (MHz)				2590.02	2596	2599.98		
40	PI/2 BPSK	1	1	15.76	15.76	15.66	16.8	0.0
40	PI/2 BPSK	1	53	15.90	15.86	15.77		
40	PI/2 BPSK	1	104	15.87	15.63	15.76		
40	PI/2 BPSK	50	0	15.72	15.70	15.70		
40	PI/2 BPSK	50	26	15.73	15.75	15.77	16.8	0.0
40	PI/2 BPSK	50	56	15.71	15.75	15.63		
40	PI/2 BPSK	100	0	15.72	15.71	15.76		
40	QPSK	1	1	15.66	15.93	15.82		
40	QPSK	1	53	15.71	15.79	15.65	16.8	0.0
40	QPSK	1	104	15.70	15.86	15.78		
40	QPSK	50	0	15.90	15.91	15.87		
40	QPSK	50	26	15.72	15.80	15.76		
40	QPSK	50	56	15.80	15.82	15.83	16.8	0.0
40	QPSK	100	0	15.83	15.85	15.81		
40	16QAM	1	1	15.70	15.87	15.75		
40	64QAM	1	1	15.73	15.85	15.81		
40	256QAM	1	1	15.84	15.70	15.78	16.8	0.0
Channel				517002	519000	520998		
Frequency (MHz)				2585.01	2596	2603.99	16.8	0.0
30	QPSK	1	1	15.58	15.84	15.74		
Channel				516000	519000	522000	16.8	0.0
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	1	15.58	15.83	15.74	16.8	0.0
Channel				515202	519000	522403		
Frequency (MHz)				2577.51	2596	2612.49	16.8	0.0
15	QPSK	1	1	15.58	15.83	15.73		
Channel				515004	519000	522996	16.8	0.0
Frequency (MHz)				2575.02	2596	2614.98		
10	QPSK	1	1	15.56	15.83	15.74	16.8	0.0

n41 Ant 4 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505202	518598	520000	16.8	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.85	15.89	15.81	16.8	0.0
100	PI/2 BPSK	1	137	15.92	15.92	15.93		
100	PI/2 BPSK	1	271	15.92	15.79	15.81		
100	PI/2 BPSK	135	0	15.80	15.80	15.81		
100	PI/2 BPSK	135	69	15.88	15.83	15.81	16.8	0.0
100	PI/2 BPSK	135	138	15.84	15.80	15.80		
100	PI/2 BPSK	270	0	15.82	15.81	15.83		
100	QPSK	1	1	15.84	15.99	15.95		
100	QPSK	1	137	15.79	15.95	15.83	16.8	0.0
100	QPSK	1	271	15.83	15.87	15.91		
100	QPSK	135	0	15.84	15.95	15.79		
100	QPSK	135	69	15.87	15.91	15.91		
100	QPSK	135	138	15.88	15.92	15.90	16.8	0.0
100	QPSK	270	0	15.85	15.90	15.82		
100	16QAM	1	1	15.78	15.92	15.92		
100	64QAM	1	1	15.92	15.96	15.92		
100	256QAM	1	1	15.91	15.81	15.84	16.8	0.0
Channel				506200	518598	520998		
Frequency (MHz)				2541	2592.99	2644.98	16.8	0.0
90	QPSK	1	1	15.74	15.86	15.86		
Channel				507204	518598	520998	16.8	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.76	15.88	15.87	16.8	0.0
Channel				505202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655	16.8	0.0
70	QPSK	1	1	15.76	15.86	15.86		
Channel				505200	518598	531996	16.8	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.76	15.86	15.85	16.8	0.0
Channel				504204	518598	532996		
Frequency (MHz)				2621.02	2592.99	2664.99	16.8	0.0
50	QPSK	1	1	15.74	15.87	15.85		
Channel				503202	518598	534000	16.8	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.74	15.87	15.86	16.8	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98	16.8	0.0
30	QPSK	1	1	15.76	15.88	15.85		
Channel				501204	518598	535998	16.8	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.76	15.88	15.85	16.8	0.0
Channel				500700	518598	536496		
Frequency (MHz)				2501.5	2592.99	2682.48	16.8	0.0
15	QPSK	1	1	15.75	15.87	15.87		
Channel				500202	518598	537000	16.8	0.0
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.74	15.86	15.87	16.8	0.0

PC2&PC3 Part270 n77 Ant 5 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	17.7	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	16.08	16.19	16.23	17.7	0.0	
100	PI/2 BPSK	1	137	16.20	16.24	16.08			
100	PI/2 BPSK	1	271	16.18	16.25	16.28			
100	PI/2 BPSK	135	0	16.06	16.30	16.24			
100	PI/2 BPSK	135	69	16.02	16.30	16.09	17.7	0.0	
100	PI/2 BPSK	135	138	16.15	16.26	16.17			
100	PI/2 BPSK	270	0	16.06	16.23	16.19			
100	QPSK	1	1	16.13	16.31	16.16			
100	QPSK	1	137	16.19	16.22	16.17	17.7	0.0	
100	QPSK	1	271	16.17	16.25	16.18			
100	QPSK	135	0	16.11	16.23	16.18			
100	QPSK	135	69	16.09	16.26	16.14			
100	QPSK	135	138	16.16	16.25	16.08	17.7	0.0	
100	QPSK	270	0	16.10	16.26	16.16			
100	16QAM	1	1	16.17	16.17	16.11		17.7	
100	64QAM	1	1	16.05	16.38	16.13			
100	256QAM	1	1	16.12	16.25	16.19	17.7	0.0	
Channel				649668	650000	650334	17.7	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	16.04	16.21	16.08	17.7	0.0	
Channel				649334	650000	650668	17.7	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	16.03	16.23	16.07	17.7	0.0	
Channel				649000	650000	651000	17.7	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	16.04	16.22	16.08	17.7	0.0	
Channel				648668	650000	653334	17.7	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	16.04	16.21	16.07	17.7	0.0	
Channel				648334	650000	653668	17.7	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	16.05	16.21	16.08	17.7	0.0	
Channel				648000	650000	654000	17.7	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	16.03	16.21	16.06	17.7	0.0	
Channel				647668	650000	654334	17.7	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	16.03	16.21	16.08	17.7	0.0	
Channel				647334	650000	654668	17.7	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	16.04	16.22	16.08	17.7	0.0	
Channel				647000	650000	655000	17.7	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	16.04	16.23	16.06	17.7	0.0	
Channel				647000	650000	655000	17.7	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	16.03	16.21	16.06	17.7	0.0	

PC2&PC3 Part270 n78 Ant 5 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	17.7	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	16.09	16.19	16.23	17.7	0.0	
100	PI/2 BPSK	1	137	16.06	16.24	16.08			
100	PI/2 BPSK	1	271	16.18	16.25	16.28			
100	PI/2 BPSK	135	0	16.23	16.30	16.24			
100	PI/2 BPSK	135	69	16.13	16.30	16.09	17.7	0.0	
100	PI/2 BPSK	135	138	16.15	16.26	16.17			
100	PI/2 BPSK	270	0	16.15	16.23	16.19			
100	QPSK	1	1	16.23	16.31	16.16			
100	QPSK	1	137	16.15	16.22	16.17	17.7	0.0	
100	QPSK	1	271	16.18	16.25	16.18			
100	QPSK	135	0	16.23	16.30	16.24			
100	QPSK	135	69	16.17	16.26	16.14			
100	QPSK	135	138	16.14	16.25	16.08	17.7	0.0	
100	QPSK	270	0	16.03	16.26	16.16			
100	16QAM	1	1	16.07	16.17	16.11		17.7	
100	64QAM	1	1	16.16	16.38	16.13			
100	256QAM	1	1	16.12	16.25	16.19	17.7	0.0	
Channel				649668	650000	650334	17.7	0.0	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	16.12	16.14	16.10	17.7	0.0	
Channel				649334	650000	650668	17.7	0.0	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	16.11	16.15	16.08	17.7	0.0	
Channel				649000	650000	651000	17.7	0.0	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	16.12	16.14	16.09	17.7	0.0	
Channel				648668	650000	651334	17.7	0.0	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	16.11	16.15	16.09	17.7	0.0	
Channel				648334	650000	651668	17.7	0.0	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	16.13	16.15	16.10	17.7	0.0	
Channel				648000	650000	652000	17.7	0.0	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	16.13	16.13	16.09	17.7	0.0	
Channel				647668	650000	652334	17.7	0.0	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	16.05	16.02	16.03	17.7	0.0	
Channel				647334	650000	652668	17.7	0.0	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	16.11	16.14	16.09	17.7	0.0	
Channel				647000	650000	652934	17.7	0.0	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	16.12	16.14	16.09	17.7	0.0	
Channel				647000	650000	653000	17.7	0.0	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	16.11	16.14	16.10	17.7	0.0	

PC2&PC3 Part270 n77 Ant 7.DS13											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				650000	660000	662000					
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	15.95	15.95	15.69	17.4	0.0			
100	PI/2 BPSK	1	137	15.80	15.84	15.80					
100	PI/2 BPSK	1	271	15.82	15.75	15.80					
100	PI/2 BPSK	135	0	15.80	15.93	15.69					
100	PI/2 BPSK	135	69	15.92	15.88	15.72	17.4	0.0			
100	PI/2 BPSK	135	138	15.76	15.85	15.62					
100	PI/2 BPSK	270	0	15.89	15.82	15.67					
100	QPSK	1	1	15.81	15.99	15.77					
100	QPSK	1	137	15.86	15.84	15.78	17.4	0.0			
100	QPSK	1	271	15.77	15.87	15.85					
100	QPSK	135	0	15.70	15.90	15.85					
100	QPSK	135	69	15.78	15.95	15.68					
100	QPSK	135	138	15.77	15.78	15.69	17.4	0.0			
100	QPSK	270	0	15.88	15.93	15.75					
100	16QAM	1	1	15.90	15.95	15.64				17.4	
100	64QAM	1	1	15.90	15.92	15.80					
100	256QAM	1	1	15.76	15.90	15.66	17.4	0.0			
Channel				648668	660000	662334	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)			
90	QPSK	1	1	15.72	15.90	15.68	17.4	0.0			
Channel				649334	660000	662668	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)			
80	QPSK	1	1	15.73	15.89	15.68	17.4	0.0			
Channel				648000	660000	663000	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)			
70	QPSK	1	1	15.72	15.89	15.68	17.4	0.0			
Channel				648668	660000	663334	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)			
60	QPSK	1	1	15.72	15.90	15.68	17.4	0.0			
Channel				648334	660000	663668	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)			
50	QPSK	1	1	15.73	15.89	15.69	17.4	0.0			
Channel				648000	660000	664000	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)			
40	QPSK	1	1	15.73	15.91	15.68	17.4	0.0			
Channel				647668	660000	664334	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)			
30	QPSK	1	1	15.73	15.89	15.69	17.4	0.0			
Channel				647334	660000	664668	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)			
20	QPSK	1	1	15.71	15.90	15.69	17.4	0.0			
Channel				647000	660000	665000	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)			
15	QPSK	1	1	15.73	15.89	15.68	17.4	0.0			
Channel				647000	660000	665000	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)			
10	QPSK	1	1	15.71	15.90	15.68	17.4	0.0			

PC2&PC3 Part270 n78 Ant 7 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dB)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	15.72			17.4	0.0
100	PI/2 BPSK	1	137	15.57				
100	PI/2 BPSK	1	271	15.73				
100	PI/2 BPSK	135	0	15.93				
100	PI/2 BPSK	135	69	15.89			17.4	0.0
100	PI/2 BPSK	135	138	15.73			17.4	0.0
100	PI/2 BPSK	270	0	15.60				
100	QPSK	1	1	15.64	15.94		17.4	0.0
100	QPSK	1	137	15.78				
100	QPSK	1	271	15.78				
100	QPSK	135	0	15.84				
100	QPSK	135	69	15.85			17.4	0.0
100	QPSK	135	138	15.57			17.4	0.0
100	QPSK	270	0	15.85				
100	16QAM	1	1	15.70			17.4	0.0
100	64QAM	1	1	15.80			17.4	0.0
100	256QAM	1	1	15.81			17.4	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	15.91	15.94	15.90	17.4	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	15.93	15.94	15.88	17.4	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.92	15.94	15.89	17.4	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	15.91	15.94	15.88	17.4	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	15.91	15.95	15.88	17.4	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.92	15.96	15.90	17.4	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	15.93	15.96	15.90	17.4	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	15.92	15.96	15.90	17.4	0.0
Channel				647000	650000	652934	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	15.91	15.94	15.89	17.4	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	15.98	15.89	15.85	17.4	0.0

Part270 n77 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	21.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.55	19.50	19.70	21.0	0.0	
100	PI/2 BPSK	1	137	19.53	19.50	19.52			
100	PI/2 BPSK	1	271	19.44	19.52	19.53			
100	PI/2 BPSK	135	0	18.91	19.13	19.03		0.5	
100	PI/2 BPSK	135	69	19.45	19.72	19.59	21.0	0.0	
100	PI/2 BPSK	135	138	19.10	19.11	18.98			
100	PI/2 BPSK	270	0	18.98	19.09	18.99	20.5	0.5	
100	QPSK	1	1	19.53	19.85	19.84			
100	QPSK	1	137	19.41	19.46	19.47	21.0	0.0	
100	QPSK	1	271	19.42	19.78	19.50			
100	QPSK	135	0	18.88	18.66	18.79		1.0	
100	QPSK	135	69	19.49	19.58	19.57		0.0	
100	QPSK	135	138	18.56	18.65	18.54	20.0	1.0	
100	QPSK	270	0	18.38	18.44	18.36			
100	16QAM	1	1	18.76	18.63	18.59	20.0	1.0	
100	64QAM	1	1	17.03	16.97	17.07		2.5	
100	256QAM	1	1	15.02	15.20	15.09	18.5	4.5	
Channel				649668	650000	662334	21.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.43	19.76	19.54	21.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02	21.0	0.0	
80	QPSK	1	1	19.43	19.75	19.55		0.0	
Channel				649000	650000	663000	21.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.45	19.76	19.55	21.0	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01	21.0	0.0	
60	QPSK	1	1	19.44	19.76	19.55		0.0	
Channel				648334	650000	663668	21.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	19.44	19.75	19.55	21.0	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960	21.0	0.0	
40	QPSK	1	1	19.43	19.76	19.56		0.0	
Channel				647668	650000	664334	21.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	19.44	19.75	19.56	21.0	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02	21.0	0.0	
20	QPSK	1	1	19.43	19.77	19.55		0.0	
Channel				647000	650000	665000	21.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.43	19.75	19.55	21.0	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975	21.0	0.0	
10	QPSK	1	1	19.45	19.51	19.49			

Part270 n77 PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	23.3	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	21.61	21.83	21.36	23.3	0.0	
100	PI/2 BPSK	1	137	21.59	21.81	21.37			
100	PI/2 BPSK	1	271	21.71	21.79	21.45			
100	PI/2 BPSK	135	0	21.63	21.68	21.40		0.0	
100	PI/2 BPSK	135	69	21.54	21.77	21.46	23.3	0.0	
100	PI/2 BPSK	135	138	21.63	21.75	21.50			
100	PI/2 BPSK	270	0	21.66	21.71	21.36	23.3	0.0	
100	QPSK	1	1	21.65	21.89	21.48			
100	QPSK	1	137	21.55	21.68	21.38	23.3	0.0	
100	QPSK	1	271	21.63	21.71	21.49			
100	QPSK	135	0	21.67	21.73	21.42		0.0	
100	QPSK	135	69	21.65	21.79	21.42		0.0	
100	QPSK	135	138	21.64	21.75	21.36	23.3	0.0	
100	QPSK	270	0	21.70	21.79	21.47			
100	16QAM	1	1	21.57	21.73	21.47	23.3	0.0	
100	64QAM	1	1	19.81	20.01	19.75		1.8	
100	256QAM	1	1	17.83	18.05	17.65	19.5	3.8	
Channel				649668	650000	662334	23.3	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	21.56	21.79	21.38	23.3	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02	23.3	0.0	
80	QPSK	1	1	21.55	21.81	21.38		0.0	
Channel				649000	650000	663000	23.3	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.55	21.80	21.38	23.3	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01	23.3	0.0	
60	QPSK	1	1	21.57	21.80	21.38		0.0	
Channel				648334	650000	663668	23.3	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.57	21.80	21.40	23.3	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960	23.3	0.0	
40	QPSK	1	1	21.57	21.79	21.39		0.0	
Channel				647668	650000	664334	23.3	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	21.56	21.79	21.39	23.3	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02	23.3	0.0	
20	QPSK	1	1	21.55	21.81	21.40		0.0	
Channel				647000	650000	665000	23.3	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	21.57	21.80	21.40	23.3	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975	23.3	0.0	
10	QPSK	1	1	21.57	21.81	21.39			

Part270 n78 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		19.37				
100	PV2 BPSK	1	137		19.39		21.0	0.0	
100	PV2 BPSK	1	271		19.39				
100	PV2 BPSK	135	0		18.95		20.5	0.5	
100	PV2 BPSK	135	69		19.35		21.0	0.0	
100	PV2 BPSK	135	138		19.02				
100	PV2 BPSK	270	0		19.07		20.5	0.5	
100	QPSK	1	1		19.83				
100	QPSK	1	137		19.39		21.0	0.0	
100	QPSK	1	271		19.75				
100	QPSK	135	0		18.61		20.0	1.0	
100	QPSK	135	69		19.40		21.0	0.0	
100	QPSK	135	138		18.47				
100	QPSK	270	0		18.31		20.0	1.0	
100	16QAM	1	1		18.55		20.0	1.0	
100	64QAM	1	1		16.89		18.5	2.5	
100	256QAM	1	1		15.10		16.5	4.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		19.68	19.73	21.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		19.69	19.75	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		19.68	19.74	21.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		19.70	19.74	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		19.69	19.73	21.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		19.70	19.75	21.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		19.68	19.71	21.0	0.0	

Part270 n78 PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		21.71				
100	PV2 BPSK	1	137		21.53		23.3	0.0	
100	PV2 BPSK	1	271		21.50				
100	PV2 BPSK	135	0		21.49		23.3	0.0	
100	PV2 BPSK	135	69		21.59		23.3	0.0	
100	PV2 BPSK	135	138		21.61				
100	PV2 BPSK	270	0		21.49		23.3	0.0	
100	QPSK	1	1		21.77				
100	QPSK	1	137		21.50		23.3	0.0	
100	QPSK	1	271		21.46				
100	QPSK	135	0		21.48		23.3	0.0	
100	QPSK	135	69		21.50		23.3	0.0	
100	QPSK	135	138		21.56				
100	QPSK	270	0		21.53		23.3	0.0	
100	16QAM	1	1		21.55		23.3	0.0	
100	64QAM	1	1		19.75		21.5	1.8	
100	256QAM	1	1		18.01		19.5	3.8	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		21.60	21.67	21.58	23.3	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		21.60	21.67	21.59	23.3	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		21.58	21.67	21.58	23.3	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		21.58	21.69	21.57	23.3	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		21.58	21.69	21.57	23.3	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		21.58	21.67	21.59	23.3	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		21.59	21.67	21.57	23.3	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		21.60	21.69	21.58	23.3	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		21.60	21.67	21.57	23.3	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		21.59	21.69	21.59	23.3	

Reduced Power Mode for DSI4

n5 Ant 0 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				834	836.5	839	24.0	0.0
Frequency (MHz)								
20	QPSK	1	1	23.15	23.19	23.18		
20	QPSK	1	53	23.12	23.08	22.88		
20	QPSK	1	104	22.89	22.99	23.02	23.0	1.0
20	QPSK	50	0	21.94	22.13	22.16		
20	QPSK	50	28	23.07	23.08	22.91		
20	QPSK	50	56	21.91	22.08	22.04		
20	QPSK	100	0	22.06	22.14	22.03	23.0	1.0

n26 Ant 0 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				824	831.5	839	24.0	0.0
Frequency (MHz)								
20	QPSK	1	1	23.45	23.56	23.50		
20	QPSK	1	53	23.25	23.53	23.36		
20	QPSK	1	104	23.43	23.41	23.51	23.0	1.0
20	QPSK	50	0	22.55	22.56	22.43		
20	QPSK	50	28	23.40	23.50	23.33		
20	QPSK	50	56	22.41	22.57	22.63		
20	QPSK	100	0	22.38	22.48	22.46	23.0	1.0

n7 Ant 1 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				54000	50700	51000	24.0	0.0
Frequency (MHz)				2590	2635	2650		
40	QPSK	1	1	23.15	23.20	23.01		
40	QPSK	1	108	22.96	22.95	23.08	24.0	0.0
40	QPSK	1	214	22.99	23.08	22.87		
40	QPSK	108	0	21.82	22.09	21.92		
40	QPSK	108	54	22.72	22.94	22.76	23.0	1.0
40	QPSK	108	108	21.90	21.85	22.07		
40	QPSK	216	0	21.99	22.07	21.94		

n38 Ant 1 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				516004	516000	516996	24.0	0.0
Frequency (MHz)				2580.02	2656	2699.98		
40	PI/2 BPSK	1	1	22.71	22.80	22.74	24.0	0.0
40	PI/2 BPSK	1	53	22.73	22.81	22.78		
40	PI/2 BPSK	1	104	22.73	22.79	22.77	23.5	0.5
40	PI/2 BPSK	50	0	22.25	22.34	22.27		
40	PI/2 BPSK	50	26	22.69	22.76	22.77	24.0	0.0
40	PI/2 BPSK	50	56	22.26	22.33	22.28		
40	PI/2 BPSK	100	0	22.23	22.35	22.28	24.0	0.0
40	QPSK	1	1	22.73	22.84	22.72		
40	QPSK	1	53	22.73	22.77	22.75	23.0	1.0
40	QPSK	1	104	22.69	22.75	22.74		
40	QPSK	50	0	21.79	21.82	21.82	24.0	0.0
40	QPSK	50	26	22.72	22.81	22.73		
40	QPSK	50	56	21.75	21.80	21.79	23.0	1.0
40	QPSK	100	0	21.74	21.83	21.77		
40	16QAM	1	1	21.77	21.83	21.79	23.0	1.0
40	64QAM	1	1	20.21	20.28	20.23		
40	256QAM	1	1	18.25	18.25	18.22	19.5	4.5
Channel				517002	516900	520998	24.0	0.0
Frequency (MHz)				2585.01	2596	2600.99		
30	QPSK	1	1	22.64	22.74	22.63	24.0	0.0
Channel				516000	519000	522000		
Frequency (MHz)				2580	2596	2610	24.0	0.0
20	QPSK	1	1	22.66	22.75	22.63		
Channel				516302	519000	522400	24.0	0.0
Frequency (MHz)				2577.51	2596	2612.49		
15	QPSK	1	1	22.64	22.76	22.64	24.0	0.0
Channel				515004	519000	522996		
Frequency (MHz)				2575.02	2596	2614.98	24.0	0.0
10	QPSK	1	1	22.64	22.74	22.63		

n41 Ant 1 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				505202	516598	528000	24.0	0.0
Frequency (MHz)				2646.01	2692.99	2740		
100	PI/2 BPSK	1	1	22.71	22.84	22.77	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.83	22.81		
100	PI/2 BPSK	1	271	22.74	22.79	22.79	23.5	0.5
100	PI/2 BPSK	135	0	22.24	22.35	22.31		
100	PI/2 BPSK	135	69	22.71	22.81	22.79	24.0	0.0
100	PI/2 BPSK	135	138	22.28	22.36	22.31		
100	PI/2 BPSK	270	0	22.25	22.34	22.33	24.0	0.0
100	QPSK	1	1	22.72	22.86	22.81		
100	QPSK	1	137	22.72	22.80	22.75	23.0	1.0
100	QPSK	1	271	22.71	22.79	22.76		
100	QPSK	135	0	21.74	21.88	21.85	24.0	0.0
100	QPSK	135	69	22.65	22.84	22.79		
100	QPSK	135	138	21.74	21.85	21.86	23.0	1.0
100	QPSK	270	0	21.78	21.84	21.81		
100	16QAM	1	1	21.77	21.84	21.82	23.0	1.0
100	64QAM	1	1	20.25	20.36	20.30		
100	256QAM	1	1	18.26	18.35	18.35	19.5	4.5
Channel				506200	516598	529996	24.0	0.0
Frequency (MHz)				2641	2692.99	2644.98		
90	QPSK	1	1	22.56	22.63	22.60	24.0	0.0
Channel				507204	516598	529998		
Frequency (MHz)				2636.02	2692.99	2649.99	24.0	0.0
80	QPSK	1	1	22.59	22.62	22.64		
Channel				506202	516598	531000	24.0	0.0
Frequency (MHz)				2631.01	2692.99	2655		
70	QPSK	1	1	22.61	22.57	22.61	24.0	0.0
Channel				505200	516598	531996		
Frequency (MHz)				2626	2692.99	2659.98	24.0	0.0
60	QPSK	1	1	22.60	22.63	22.64		
Channel				504204	516598	532996	24.0	0.0
Frequency (MHz)				2621.02	2692.99	2664.99		
50	QPSK	1	1	22.63	22.56	22.57	24.0	0.0
Channel				503202	516598	534000		
Frequency (MHz)				2616.01	2692.99	2670	24.0	0.0
40	QPSK	1	1	22.62	22.60	22.62		
Channel				502200	516598	534996	24.0	0.0
Frequency (MHz)				2611	2692.99	2674.98		
30	QPSK	1	1	22.60	22.59	22.64	24.0	0.0
Channel				501204	516598	535998		
Frequency (MHz)				2606.02	2692.99	2679.99	24.0	0.0
20	QPSK	1	1	22.63	22.58	22.62		
Channel				500700	516598	536496	24.0	0.0
Frequency (MHz)				2601.5	2692.99	2682.48		
15	QPSK	1	1	22.61	22.57	22.61	24.0	0.0
Channel				500202	516598	537000		
Frequency (MHz)				2601.01	2692.99	2685	24.0	0.0
10	QPSK	1	1	22.63	22.60	22.56		

Part270 n77 PC2 Ant 3 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	660000	662000	20.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.30	19.34	19.14	20.6	0.0	
100	PI/2 BPSK	1	137	19.40	19.42	19.23			
100	PI/2 BPSK	1	271	19.33	19.32	19.22			
100	PI/2 BPSK	135	0	19.34	19.46	19.29			
100	PI/2 BPSK	135	69	19.29	19.46	19.24	20.6	0.0	
100	PI/2 BPSK	135	138	19.42	19.44	19.21			
100	PI/2 BPSK	270	0	19.29	19.40	19.26			
100	QPSK	1	1	19.37	19.42	19.22			
100	QPSK	1	137	19.33	19.45	19.17	20.6	0.0	
100	QPSK	1	271	19.34	19.33	19.30			
100	QPSK	135	0	19.32	19.42	19.25			
100	QPSK	135	69	19.37	19.44	19.13			
100	QPSK	135	138	19.31	19.35	19.27	20.6	0.0	
100	QPSK	270	0	19.31	19.41	19.22			
100	16QAM	1	1	19.36	19.34	19.23		20.6	
100	64QAM	1	1	19.39	19.41	19.29			
100	256QAM	1	1	18.15	18.21	18.23	19.5	1.1	
Channel				648668	660000	662334	20.6	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.27	19.33	19.13	20.6	0.0	
Channel				649334	660000	662668	20.6	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	19.28	19.34	19.13	20.6	0.0	
Channel				649000	660000	663000	20.6	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.28	19.33	19.12	20.6	0.0	
Channel				648668	660000	663334	20.6	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	19.27	19.34	19.12	20.6	0.0	
Channel				648334	660000	663668	20.6	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	19.27	19.34	19.14	20.6	0.0	
Channel				648000	660000	664000	20.6	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.29	19.32	19.12	20.6	0.0	
Channel				647668	660000	664334	20.6	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	19.27	19.34	19.14	20.6	0.0	
Channel				647334	660000	664668	20.6	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	19.28	19.32	19.14	20.6	0.0	
Channel				647000	660000	664934	20.6	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.27	19.34	19.12	20.6	0.0	
Channel				647000	660000	665000	20.6	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.21	19.25	19.19	20.6	0.0	

Part270 n78 PC2 Ant 3 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	660000	662000	20.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.31	19.34	19.14	20.6	0.0	
100	PI/2 BPSK	1	137	19.41	19.42	19.23			
100	PI/2 BPSK	1	271	19.39	19.32	19.22			
100	PI/2 BPSK	135	0	19.41	19.46	19.29			
100	PI/2 BPSK	135	69	19.43	19.46	19.24	20.6	0.0	
100	PI/2 BPSK	135	138	19.44	19.44	19.21			
100	PI/2 BPSK	270	0	19.38	19.40	19.26			
100	QPSK	1	1	19.49	19.42	19.22			
100	QPSK	1	137	19.36	19.45	19.17	20.6	0.0	
100	QPSK	1	271	19.43	19.33	19.30			
100	QPSK	135	0	19.44	19.42	19.25			
100	QPSK	135	69	19.45	19.44	19.13			
100	QPSK	135	138	19.44	19.35	19.27	20.6	0.0	
100	QPSK	270	0	19.41	19.41	19.22			
100	16QAM	1	1	19.41	19.34	19.23		20.6	
100	64QAM	1	1	19.38	19.41	19.29			
100	256QAM	1	1	18.18	18.21	18.23	19.5	1.1	
Channel				648668	660000	662334	20.6	0.0	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	19.35	19.41	19.34	20.6	0.0	
Channel				649334	660000	660668	20.6	0.0	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	19.35	19.41	19.34	20.6	0.0	
Channel				649000	660000	661000	20.6	0.0	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	19.36	19.40	19.35	20.6	0.0	
Channel				648668	660000	661334	20.6	0.0	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	19.35	19.40	19.34	20.6	0.0	
Channel				648334	660000	661668	20.6	0.0	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	19.37	19.39	19.34	20.6	0.0	
Channel				648000	660000	662000	20.6	0.0	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	19.37	19.39	19.34	20.6	0.0	
Channel				647668	660000	662334	20.6	0.0	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	19.35	19.39	19.35	20.6	0.0	
Channel				647334	660000	662668	20.6	0.0	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	19.36	19.41	19.34	20.6	0.0	
Channel				647000	660000	662934	20.6	0.0	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	19.36	19.41	19.33	20.6	0.0	
Channel				647000	660000	663000	20.6	0.0	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	19.36	19.40	19.34	20.6	0.0	

n5 Ant 4 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				166400	167300	167800		
Frequency (MHz)				834	836.5	838		
20	QPSK	1	1	23.03	23.13	23.10		
20	QPSK	1	53	22.92	23.02	23.08	24.0	0.0
20	QPSK	1	104	22.80	23.01	22.85		
20	QPSK	50	0	22.01	22.00	22.04	23.0	1.0
20	QPSK	50	28	22.97	22.96	22.96	24.0	0.0
20	QPSK	50	56	21.90	21.93	21.76		
20	QPSK	100	0	21.81	21.92	21.79	23.0	1.0
20	16QAM	1	1	21.83	22.11	22.13	23.0	1.0
20	64QAM	1	1	20.43	20.67	20.66	21.5	2.5
20	256QAM	1	1	18.35	18.62	18.50	19.5	4.5
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR
Frequency (MHz)				831.5	836.5	841.5	(dB)	(dB)
15	QPSK	1	1	23.01	23.06	23.00	24.0	0.0
Channel				169200	167300	169200	Tune-up limit (dBm)	MPR
Frequency (MHz)				829	836.5	844	(dB)	(dB)
10	QPSK	1	1	23.00	23.04	23.07	24.0	0.0
Channel				169300	167300	169300	Tune-up limit (dBm)	MPR
Frequency (MHz)				826.5	836.5	846.5	(dB)	(dB)
5	QPSK	1	1	22.97	23.04	23.01	24.0	0.0

n7 Ant 4 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.20	22.30	22.20		
40	QPSK	1	108	22.02	22.12	22.29	24.0	0.0
40	QPSK	1	214	22.05	22.34	22.10		
40	QPSK	108	0	21.08	21.23	21.24	23.0	1.0
40	QPSK	108	54	22.07	22.10	22.16	24.0	0.0
40	QPSK	108	108	21.03	21.03	21.05		
40	QPSK	216	0	21.01	21.23	21.08	23.0	1.0
40	16QAM	1	1	21.07	21.34	21.37	23.0	1.0
40	64QAM	1	1	19.95	19.83	19.91	21.5	2.5
40	256QAM	1	1	17.51	17.81	17.51	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2515	2535	2555	(dB)	(dB)
30	QPSK	1	1	22.14	22.29	22.11	24.0	0.0
Channel				505500	507000	511500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dB)	(dB)
25	QPSK	1	1	22.17	22.32	22.12	24.0	0.0
Channel				507000	507000	512000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2510	2535	2560	(dB)	(dB)
20	PV2 BPSK	1	1	22.12	22.33	22.14	24.0	0.0
Channel				501500	507000	512000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2497.5	2535	2562.5	(dB)	(dB)
15	QPSK	1	1	22.15	22.33	22.14	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2505	2535	2565	(dB)	(dB)
10	QPSK	1	1	22.10	22.34	22.12	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dB)	(dB)
5	QPSK	1	1	22.13	22.29	22.14	24.0	0.0

n26 Ant 4 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	834		
20	QPSK	1	1	23.38	23.52	23.43		
20	QPSK	1	53	23.24	23.27	23.34	24.0	0.0
20	QPSK	1	104	23.07	23.43	23.21		
20	QPSK	50	0	22.43	22.20	22.27	23.0	1.0
20	QPSK	50	28	23.28	23.30	23.28	24.0	0.0
20	QPSK	50	56	22.19	22.33	21.98		
20	QPSK	100	0	22.11	22.19	22.16	23.0	1.0
20	16QAM	1	1	22.16	22.51	22.47	23.0	1.0
20	64QAM	1	1	20.85	21.63	20.80	21.5	2.5
20	256QAM	1	1	18.68	19.08	18.81	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR
Frequency (MHz)				821.5	831.5	841.5	(dB)	(dB)
15	QPSK	1	1	23.32	23.49	23.39	24.0	0.0
Channel				163800	166300	169300	Tune-up limit (dBm)	MPR
Frequency (MHz)				818	831.5	844	(dB)	(dB)
10	QPSK	1	1	23.30	23.47	23.34	24.0	0.0
Channel				163300	166300	169800	Tune-up limit (dBm)	MPR
Frequency (MHz)				815.5	831.5	846.5	(dB)	(dB)
5	QPSK	1	1	23.34	23.47	23.40	24.0	0.0

n38 Ant 4 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				518004	519000	519996	24.0	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.05	23.12	23.11	24.0	0.0
40	PI/2 BPSK	1	53	23.09	23.18	23.12		
40	PI/2 BPSK	1	104	23.08	23.13	23.13	23.5	0.5
40	PI/2 BPSK	50	0	22.57	22.66	22.60		
40	PI/2 BPSK	50	26	23.05	23.11	23.12	23.5	0.5
40	PI/2 BPSK	50	56	22.58	22.71	22.65		
40	PI/2 BPSK	100	0	22.56	22.71	22.63	24.0	0.0
40	QPSK	1	1	23.09	23.19	23.10		
40	QPSK	1	53	23.07	23.11	23.12	23.0	1.0
40	QPSK	1	104	23.06	23.07	23.07		
40	QPSK	50	0	22.15	22.19	22.18	23.0	1.0
40	QPSK	50	26	23.05	23.13	23.10		
40	QPSK	50	56	22.08	22.18	22.12	23.0	1.0
40	QPSK	100	0	22.09	22.15	22.12		
40	16QAM	1	1	22.13	22.15	22.16	21.5	2.5
40	64QAM	1	1	20.59	20.61	20.56		
40	256QAM	1	1	18.61	18.63	18.57	19.5	4.5
Channel				517002	518000	520998		
Frequency (MHz)				2585.01	2595	2604.99	24.0	0.0
30	QPSK	1	1	22.99	23.09	23.01		
Channel				516000	519000	522000	24.0	0.0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.00	23.09	23.02	24.0	0.0
Channel				515500	519000	522400		
Frequency (MHz)				2577.51	2595	2612.49	24.0	0.0
15	QPSK	1	1	23.01	23.11	23.00		
Channel				515004	519000	522996	24.0	0.0
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.00	23.10	23.00	24.0	0.0

n41 Ant 4 DS14								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000	24.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.03	23.08	23.04	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.16	23.07		
100	PI/2 BPSK	1	271	23.06	23.09	23.11	23.5	0.5
100	PI/2 BPSK	135	0	22.51	22.64	22.54		
100	PI/2 BPSK	135	69	22.99	23.06	23.05	23.5	0.5
100	PI/2 BPSK	135	138	22.54	22.65	22.57		
100	PI/2 BPSK	270	0	22.51	22.67	22.60	24.0	0.0
100	QPSK	1	1	23.07	23.21	23.06		
100	QPSK	1	137	23.03	23.06	23.08	23.0	1.0
100	QPSK	1	271	23.01	23.04	23.01		
100	QPSK	135	0	22.08	22.15	22.15	23.0	1.0
100	QPSK	135	69	23.01	23.06	23.04		
100	QPSK	135	138	22.02	22.13	22.08	23.0	1.0
100	QPSK	270	0	22.05	22.07	22.06		
100	16QAM	1	1	22.09	22.10	22.14	21.5	2.5
100	64QAM	1	1	20.51	20.58	20.52		
100	256QAM	1	1	18.57	18.56	18.50	19.5	4.5
Channel				505200	518598	529996		
Frequency (MHz)				2541	2592.99	2644.98	24.0	0.0
90	QPSK	1	1	22.99	23.12	22.97		
Channel				507204	518598	529998	24.0	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.97	23.11	22.97	24.0	0.0
Channel				505202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655	24.0	0.0
70	QPSK	1	1	22.98	23.11	22.97		
Channel				505200	518598	531996	24.0	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.97	23.13	22.96	24.0	0.0
Channel				504204	518598	532996		
Frequency (MHz)				2521.02	2592.99	2664.99	24.0	0.0
50	QPSK	1	1	22.99	23.11	22.96		
Channel				503202	518598	534000	24.0	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.99	23.11	22.98	24.0	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98	24.0	0.0
30	QPSK	1	1	22.98	23.12	22.97		
Channel				501204	518598	535998	24.0	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.98	23.13	22.98	24.0	0.0
Channel				500700	518598	536996		
Frequency (MHz)				2501.5	2592.99	2682.48	24.0	0.0
15	QPSK	1	1	22.99	23.13	22.97		
Channel				500202	518598	537000	24.0	0.0
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.84	22.84	22.79	24.0	0.0

Part270 n77 Ant 5 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	24.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	23.03	22.93	23.06	24.0	0.0	
100	PI/2 BPSK	1	137	23.02	23.00	23.08			
100	PI/2 BPSK	1	271	22.96	23.00	22.99			
100	PI/2 BPSK	135	0	22.49	22.62	22.48		0.5	
100	PI/2 BPSK	135	69	22.94	23.15	23.05	23.5	0.5	
100	PI/2 BPSK	135	138	22.92	22.72	22.52			
100	PI/2 BPSK	270	0	22.48	22.64	22.58			
100	QPSK	1	1	23.11	23.18	23.15			
100	QPSK	1	137	22.95	22.99	22.95	24.0	0.0	
100	QPSK	1	271	22.96	23.15	22.95			
100	QPSK	135	0	22.14	22.19	22.20		1.0	
100	QPSK	135	69	22.92	23.04	23.02		0.0	
100	QPSK	135	138	21.94	22.15	22.02	23.0	1.0	
100	QPSK	270	0	22.03	22.07	22.02			
100	16QAM	1	1	22.16	22.25	22.16		1.0	
100	64QAM	1	1	20.56	20.54	20.50		2.5	
100	256QAM	1	1	18.80	18.65	18.57	19.5	4.5	
Channel				648668	650000	662334	24.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	23.01	23.08	23.05	24.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02	24.0	0.0	
80	QPSK	1	1	23.03	23.10	23.06		0.0	
Channel				649000	650000	663000		MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	23.01	23.10	23.05	24.0	0.0	
Channel				648668	650000	663334		MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	23.03	23.10	23.05	24.0	0.0	
Channel				648334	650000	663668		MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	23.02	23.08	23.06	24.0	0.0	
Channel				648000	650000	664000		MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	23.01	23.10	23.06	24.0	0.0	
Channel				647668	650000	663934		MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	23.02	23.10	23.05	24.0	0.0	
Channel				647334	650000	664668		MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	23.01	23.10	23.05	24.0	0.0	
Channel				647000	650000	664934		MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	23.01	23.09	23.07	24.0	0.0	
Channel				647000	650000	665000		MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	23.03	23.09	23.07	24.0	0.0	

Part270 n77 PC2 Ant 5 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	27.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	26.14	26.18	26.17	27.0	0.0	
100	PI/2 BPSK	1	137	26.15	26.13	26.09			
100	PI/2 BPSK	1	271	26.17	26.24	26.11			
100	PI/2 BPSK	135	0	25.70	25.72	25.79		0.5	
100	PI/2 BPSK	135	69	25.20	26.21	26.24	26.5	0.5	
100	PI/2 BPSK	135	138	25.71	25.76	25.74			
100	PI/2 BPSK	270	0	25.63	25.87	25.70			
100	QPSK	1	1	26.16	26.27	26.19			
100	QPSK	1	137	26.17	26.19	26.19	27.0	0.0	
100	QPSK	1	271	26.08	26.23	26.04			
100	QPSK	135	0	25.30	25.38	25.35		1.0	
100	QPSK	135	69	26.07	26.21	26.20		0.0	
100	QPSK	135	138	25.34	25.27	25.27	26.0	1.0	
100	QPSK	270	0	25.10	25.32	25.26			
100	16QAM	1	1	25.21	25.31	25.33		1.0	
100	64QAM	1	1	23.69	23.86	23.78		2.5	
100	256QAM	1	1	21.62	21.86	21.74	22.5	4.5	
Channel				648668	650000	662334	27.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	26.06	26.17	26.09	27.0	0.0	
Channel				649334	650000	662668		MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	27.0	0.0	
80	QPSK	1	1	26.06	26.18	26.11		0.0	
Channel				649000	650000	663000		MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	26.08	26.18	26.11	27.0	0.0	
Channel				648668	650000	663334		MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	26.07	26.19	26.09	27.0	0.0	
Channel				648334	650000	663668		MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	26.08	26.19	26.11	27.0	0.0	
Channel				648000	650000	664000		MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	26.06	26.19	26.09	27.0	0.0	
Channel				647668	650000	663934		MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	26.07	26.19	26.10	27.0	0.0	
Channel				647334	650000	664668		MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	26.06	26.18	26.10	27.0	0.0	
Channel				647000	650000	664934		MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	26.05	26.12	26.05	27.0	0.0	
Channel				647000	650000	665000		MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	26.05	26.11	26.02	27.0	0.0	

Part270 n78 Ant 5 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		22.90				
100	PV2 BPSK	1	137		22.83		24.0	0.0	
100	PV2 BPSK	1	271		22.91				
100	PV2 BPSK	135	0		22.56		23.5	0.5	
100	PV2 BPSK	135	69		23.11		24.0	0.0	
100	PV2 BPSK	135	138		22.53				
100	PV2 BPSK	270	0		22.51		23.5	0.5	
100	QPSK	1	1		23.18				
100	QPSK	1	137		22.96		24.0	0.0	
100	QPSK	1	271		23.13				
100	QPSK	135	0		22.15		23.0	1.0	
100	QPSK	135	69		22.85		24.0	0.0	
100	QPSK	135	138		22.08				
100	QPSK	270	0		21.88		23.0	1.0	
100	16QAM	1	1		22.22		23.0	1.0	
100	64QAM	1	1		20.50		21.5	2.5	
100	256QAM	1	1		18.50		19.5	4.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		22.99	23.06	22.96	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		22.99	23.06	22.97	24.0	0.0
Channel				648000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		23.00	23.07	22.95	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		22.98	23.06	22.96	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		23.00	23.06	22.97	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		22.98	23.06	22.95	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		22.99	23.08	22.95	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		22.98	23.08	22.95	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		22.98	23.07	22.95	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		22.98	23.07	22.97	24.0	0.0

Part270 n78 PC2 Ant 5 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		26.00				
100	PV2 BPSK	1	137		26.11		27.0	0.0	
100	PV2 BPSK	1	271		26.11				
100	PV2 BPSK	135	0		25.61		26.5	0.5	
100	PV2 BPSK	135	69		26.04		27.0	0.0	
100	PV2 BPSK	135	138		25.67				
100	PV2 BPSK	270	0		25.75		26.5	0.5	
100	QPSK	1	1		26.21				
100	QPSK	1	137		26.06		27.0	0.0	
100	QPSK	1	271		26.08				
100	QPSK	135	0		25.21		26.0	1.0	
100	QPSK	135	69		26.02		27.0	0.0	
100	QPSK	135	138		25.22				
100	QPSK	270	0		25.14		26.0	1.0	
100	16QAM	1	1		25.21		26.0	1.0	
100	64QAM	1	1		23.79		24.5	2.5	
100	256QAM	1	1		21.80		22.5	4.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		26.07	26.11	26.03	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		26.06	26.13	26.04	27.0	0.0
Channel				648000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		26.05	26.13	26.04	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		26.05	26.11	26.05	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		26.05	26.13	26.05	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		26.06	26.11	26.04	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		26.05	26.12	26.05	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		26.07	26.13	26.03	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		26.08	26.12	26.04	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		26.07	26.12	26.03	27.0	0.0

Part270 n77 Ant 7 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	23.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	21.59	21.52	21.62	23.0	0.0	
100	PI/2 BPSK	1	137	21.59	21.52	21.59			
100	PI/2 BPSK	1	271	21.47	21.57	21.48			
100	PI/2 BPSK	135	0	20.99	21.10	21.02		0.5	
100	PI/2 BPSK	135	69	21.47	21.69	21.61	23.0	0.0	
100	PI/2 BPSK	135	138	21.09	21.15	21.03			
100	PI/2 BPSK	270	0	21.00	21.07	20.99	22.5	0.5	
100	QPSK	1	1	21.54	21.79	21.86			
100	QPSK	1	137	21.37	21.47	21.41	23.0	0.0	
100	QPSK	1	271	21.44	21.72	21.51			
100	QPSK	135	0	20.71	20.64	20.71		1.0	
100	QPSK	135	69	21.48	21.54	21.51		0.0	
100	QPSK	135	138	20.48	20.57	20.57	22.0	1.0	
100	QPSK	270	0	20.42	20.45	20.43			
100	16QAM	1	1	20.73	20.69	20.59	22.0	1.0	
100	64QAM	1	1	19.02	18.96	19.06		2.5	
100	256QAM	1	1	17.07	17.25	17.13	18.5	4.5	
Channel				648668	650000	662334	23.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	21.46	21.70	21.56	23.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02	23.0	0.0	
80	QPSK	1	1	21.44	21.69	21.57		0.0	
Channel				649000	650000	663000	23.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.44	21.71	21.58	23.0	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01	23.0	0.0	
60	QPSK	1	1	21.46	21.69	21.58		0.0	
Channel				648334	650000	663068	23.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.45	21.69	21.56	23.0	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960	23.0	0.0	
40	QPSK	1	1	21.44	21.70	21.58		0.0	
Channel				647668	650000	663334	23.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	21.45	21.70	21.57	23.0	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02	23.0	0.0	
20	QPSK	1	1	21.44	21.71	21.56		0.0	
Channel				647000	650000	665000	23.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	21.45	21.70	21.58	23.0	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975	23.0	0.0	
10	QPSK	1	1	21.41	21.65	21.49		0.0	

Part270 n77 PC2 Ant 7 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	26.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	24.66	24.70	24.75	26.0	0.0	
100	PI/2 BPSK	1	137	24.83	24.69	24.78			
100	PI/2 BPSK	1	271	24.74	24.79	24.73			
100	PI/2 BPSK	135	0	24.23	24.27	24.38		0.5	
100	PI/2 BPSK	135	69	24.65	24.74	24.84	26.0	0.0	
100	PI/2 BPSK	135	138	24.28	24.36	24.31			
100	PI/2 BPSK	270	0	24.19	24.55	24.34	25.5	0.5	
100	QPSK	1	1	24.82	24.88	24.72			
100	QPSK	1	137	24.79	24.87	24.79	26.0	0.0	
100	QPSK	1	271	24.68	24.75	24.60			
100	QPSK	135	0	23.84	23.89	23.95		1.0	
100	QPSK	135	69	24.67	24.82	24.80		0.0	
100	QPSK	135	138	23.86	23.88	23.81	25.0	1.0	
100	QPSK	270	0	23.89	23.98	23.95			
100	16QAM	1	1	23.89	23.99	23.90	25.0	1.0	
100	64QAM	1	1	22.36	22.53	22.46		2.5	
100	256QAM	1	1	20.13	20.51	20.33	21.5	4.5	
Channel				648668	650000	662334	26.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	24.72	24.78	24.63	26.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02	26.0	0.0	
80	QPSK	1	1	24.72	24.78	24.63		0.0	
Channel				649000	650000	663000	26.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	24.73	24.79	24.63	26.0	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01	26.0	0.0	
60	QPSK	1	1	24.74	24.80	24.62		0.0	
Channel				648334	650000	663668	26.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	24.74	24.79	24.64	26.0	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960	26.0	0.0	
40	QPSK	1	1	24.74	24.78	24.64		0.0	
Channel				647668	650000	663334	26.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	24.72	24.78	24.62	26.0	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02	26.0	0.0	
20	QPSK	1	1	24.72	24.80	24.64		0.0	
Channel				647000	650000	665000	26.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	24.73	24.78	24.64	26.0	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975	26.0	0.0	
10	QPSK	1	1	24.73	24.79	24.62		0.0	

Part270 n78 Ant 7 DSi4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		21.34				
100	PI/2 BPSK	1	137		21.41		23.0	0.0	
100	PI/2 BPSK	1	271		21.53				
100	PI/2 BPSK	135	0		20.96		22.5	0.5	
100	PI/2 BPSK	135	69		21.50		23.0	0.0	
100	PI/2 BPSK	135	138		20.97				
100	PI/2 BPSK	270	0		20.99		22.5	0.5	
100	QPSK	1	1		21.74				
100	QPSK	1	137		21.30		23.0	0.0	
100	QPSK	1	271		21.55				
100	QPSK	135	0		20.53		22.0	1.0	
100	QPSK	135	69		21.35		23.0	0.0	
100	QPSK	135	138		20.39				
100	QPSK	270	0		20.29		22.0	1.0	
100	16QAM	1	1		20.51		22.0	1.0	
100	64QAM	1	1		18.78		20.5	2.5	
100	256QAM	1	1		17.11		18.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	21.61	21.64	21.61	23.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	21.62	21.65	21.60	23.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	21.61	21.66	21.59	23.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	21.63	21.66	21.59	23.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	21.63	21.66	21.59	23.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	21.62	21.66	21.60	23.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	21.62	21.65	21.60	23.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	21.62	21.66	21.61	23.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	21.61	21.59	21.55	23.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	21.45	21.43	21.45	23.0	0.0	

Part270 n78 PC2 Ant 7 DSi4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		24.52				
100	PI/2 BPSK	1	137		24.54		26.0	0.0	
100	PI/2 BPSK	1	271		24.69				
100	PI/2 BPSK	135	0		24.11		25.5	0.5	
100	PI/2 BPSK	135	69		24.55		26.0	0.0	
100	PI/2 BPSK	135	138		24.19				
100	PI/2 BPSK	270	0		24.48		25.5	0.5	
100	QPSK	1	1		24.78				
100	QPSK	1	137		24.76		26.0	0.0	
100	QPSK	1	271		24.72				
100	QPSK	135	0		23.71		25.0	1.0	
100	QPSK	135	69		24.67		26.0	0.0	
100	QPSK	135	138		23.87				
100	QPSK	270	0		23.88		25.0	1.0	
100	16QAM	1	1		23.83		25.0	1.0	
100	64QAM	1	1		22.46		23.5	2.5	
100	256QAM	1	1		20.49		21.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	24.66	24.69	24.61	26.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	24.67	24.70	24.62	26.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	24.65	24.69	24.63	26.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	24.67	24.70	24.62	26.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	24.66	24.68	24.62	26.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	24.66	24.70	24.63	26.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	24.67	24.70	24.62	26.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	24.66	24.70	24.62	26.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	24.67	24.68	24.62	26.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	24.66	24.70	24.63	26.0	0.0	

Part270 n77 Ant 9 DS14											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				650000	650000	662000					
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	19.55	19.50	19.70	21.0	0.0			
100	PI/2 BPSK	1	137	19.53	19.50	19.52					
100	PI/2 BPSK	1	271	19.44	19.52	19.53					
100	PI/2 BPSK	135	0	18.91	19.13	19.03		20.5			
100	PI/2 BPSK	135	69	19.45	19.72	19.59	21.0				
100	PI/2 BPSK	135	138	19.10	19.11	18.98	20.5				
100	PI/2 BPSK	270	0	18.98	19.09	18.99	20.5				
100	QPSK	1	1	19.53	19.85	19.84	21.0	0.0			
100	QPSK	1	137	19.41	19.46	19.47					
100	QPSK	1	271	19.42	19.78	19.50					
100	QPSK	135	0	18.68	18.66	18.79		20.0			
100	QPSK	135	69	19.49	19.58	19.57	21.0				
100	QPSK	135	138	18.56	18.65	18.54	20.0	1.0			
100	QPSK	270	0	18.38	18.44	18.36					
100	16QAM	1	1	18.76	18.63	18.59	20.0				
100	64QAM	1	1	17.03	16.97	17.07	18.5				
100	256QAM	1	1	15.02	15.20	15.09	16.5				
Channel				648668	650000	662334	Tune-up limit (dBm)				
Frequency (MHz)				3745.02	3840	3935.01	(dB)				
90	QPSK	1	1	19.43	19.76	19.54	21.0				
Channel				649334	650000	662668	Tune-up limit (dBm)				
Frequency (MHz)				3740.01	3840	3940.02	(dB)				
80	QPSK	1	1	19.43	19.75	19.55	21.0				
Channel				649000	650000	663000	Tune-up limit (dBm)				
Frequency (MHz)				3735	3840	3945	(dB)				
70	QPSK	1	1	19.45	19.76	19.55	21.0				
Channel				648668	650000	663334	Tune-up limit (dBm)				
Frequency (MHz)				3730.02	3840	3950.01	(dB)				
60	QPSK	1	1	19.44	19.76	19.55	21.0				
Channel				648334	650000	663668	Tune-up limit (dBm)				
Frequency (MHz)				3725.01	3840	3955.02	(dB)				
50	QPSK	1	1	19.44	19.75	19.55	21.0				
Channel				648000	650000	664000	Tune-up limit (dBm)				
Frequency (MHz)				3720	3840	3960	(dB)				
40	QPSK	1	1	19.43	19.76	19.56	21.0				
Channel				647668	650000	664334	Tune-up limit (dBm)				
Frequency (MHz)				3715.02	3840	3965.01	(dB)				
30	QPSK	1	1	19.44	19.75	19.56	21.0				
Channel				647334	650000	664668	Tune-up limit (dBm)				
Frequency (MHz)				3710.01	3840	3970.02	(dB)				
20	QPSK	1	1	19.43	19.77	19.55	21.0				
Channel				647168	650000	664834	Tune-up limit (dBm)				
Frequency (MHz)				3707.52	3840	3972.51	(dB)				
15	QPSK	1	1	19.43	19.75	19.55	21.0				
Channel				647000	650000	665000	Tune-up limit (dBm)				
Frequency (MHz)				3705	3840	3975	(dB)				
10	QPSK	1	1	19.45	19.51	19.49	21.0				

Part270 n77 PC2 Ant 9 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	20.64	20.68	20.41	21.9	0.0	
100	PI/2 BPSK	1	137	20.65	20.72	20.52			
100	PI/2 BPSK	1	271	20.67	20.79	20.41			
100	PI/2 BPSK	135	0	20.68	20.74	20.37			
100	PI/2 BPSK	135	69	20.69	20.67	20.54	21.9	0.0	
100	PI/2 BPSK	135	138	20.70	20.79	20.50	21.9	0.0	
100	PI/2 BPSK	270	0	20.55	20.75	20.41	21.9	0.0	
100	QPSK	1	1	20.58	20.81	20.48	21.9	0.0	
100	QPSK	1	137	20.61	20.72	20.41			
100	QPSK	1	271	20.64	20.74	20.37			
100	QPSK	135	0	20.71	20.70	20.37			
100	QPSK	135	69	20.57	20.77	20.52	21.9	0.0	
100	QPSK	135	138	20.61	20.71	20.39	21.9	0.0	
100	QPSK	270	0	20.57	20.72	20.39	21.9	0.0	
100	16QAM	1	1	20.59	20.71	20.41	21.9	0.0	
100	64QAM	1	1	20.11	20.13	20.09	21.5	0.4	
100	256QAM	1	1	18.01	18.06	18.03	19.5	2.8	
Channel				649668	650000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	20.48	20.69	20.39	21.9	0.0	
Channel				649334	650000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	20.49	20.68	20.39	21.9	0.0	
Channel				649000	650000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	20.48	20.68	20.39	21.9	0.0	
Channel				648668	650000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	20.49	20.70	20.39	21.9	0.0	
Channel				648334	650000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	20.50	20.69	20.38	21.9	0.0	
Channel				648000	650000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	20.49	20.68	20.40	21.9	0.0	
Channel				647668	650000	663334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	20.50	20.68	20.39	21.9	0.0	
Channel				647334	650000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	20.48	20.68	20.40	21.9	0.0	
Channel				647168	650000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	20.48	20.68	20.39	21.9	0.0	
Channel				647000	650000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	20.49	20.69	20.39	21.9	0.0	

Part270 n78 Ant 9 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		19.37				
100	PV2 BPSK	1	137		19.39		21.0	0.0	
100	PV2 BPSK	1	271		19.39				
100	PV2 BPSK	135	0		18.95		20.5	0.5	
100	PV2 BPSK	135	69		19.35		21.0	0.0	
100	PV2 BPSK	135	138		19.02				
100	PV2 BPSK	270	0		19.07		20.5	0.5	
100	QPSK	1	1		19.83				
100	QPSK	1	137		19.39		21.0	0.0	
100	QPSK	1	271		19.75				
100	QPSK	135	0		18.61		20.0	1.0	
100	QPSK	135	69		19.40		21.0	0.0	
100	QPSK	135	138		18.47				
100	QPSK	270	0		18.31		20.0	1.0	
100	16QAM	1	1		18.55		20.0	1.0	
100	64QAM	1	1		16.89		18.5	2.5	
100	256QAM	1	1		15.10		16.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		19.68	19.73	21.0	0.0	
Channel				648000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		19.69	19.75	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		19.68	19.74	21.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		19.70	19.74	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		19.69	19.73	21.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1		19.70	19.75	21.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		19.68	19.71	21.0	0.0	

Part270 n78 PC2 Ant 9 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		20.50				
100	PV2 BPSK	1	137		20.36		21.9	0.0	
100	PV2 BPSK	1	271		20.52				
100	PV2 BPSK	135	0		19.98		21.9	0.0	
100	PV2 BPSK	135	69		20.36		21.9	0.0	
100	PV2 BPSK	135	138		20.06				
100	PV2 BPSK	270	0		20.21		21.9	0.0	
100	QPSK	1	1		20.76				
100	QPSK	1	137		20.49		21.9	0.0	
100	QPSK	1	271		20.51				
100	QPSK	135	0		19.99		21.9	0.0	
100	QPSK	135	69		20.57		21.9	0.0	
100	QPSK	135	138		19.67				
100	QPSK	270	0		19.57		21.9	0.0	
100	16QAM	1	1		19.68		21.9	0.0	
100	64QAM	1	1		20.25		21.5	0.4	
100	256QAM	1	1		18.01		19.5	2.4	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		20.59	20.66	20.53	21.9	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		20.60	20.67	20.55	21.9	
Channel				648000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		20.60	20.68	20.55	21.9	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		20.59	20.67	20.54	21.9	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		20.59	20.68	20.55	21.9	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		20.60	20.66	20.54	21.9	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		20.59	20.68	20.55	21.9	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		20.61	20.68	20.54	21.9	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1		20.59	20.67	20.54	21.9	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		20.60	20.66	20.54	21.9	

Reduced Power Mode for DSI6

n5 Ant 0 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.15	23.19	23.18	24.0	0.0
20	QPSK	1	53	23.12	23.08	22.98		
20	QPSK	1	104	22.96	22.96	23.02		
20	QPSK	50	0	21.94	22.13	22.16	23.0	1.0
20	QPSK	50	28	23.07	23.06	22.91	24.0	0.0
20	QPSK	50	56	21.91	22.08	22.04	23.0	1.0
20	QPSK	100	0	22.06	22.14	22.03		

n26 Ant 0 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.45	23.56	23.50	24.0	0.0
20	QPSK	1	53	23.25	23.53	23.36		
20	QPSK	1	104	23.43	23.41	23.31		
20	QPSK	50	0	22.55	22.56	22.43	23.0	1.0
20	QPSK	50	28	23.40	23.50	23.33	24.0	0.0
20	QPSK	50	56	22.41	22.57	22.63	23.0	1.0
20	QPSK	100	0	22.38	22.48	22.46		

n7 Ant 1 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				50000	50700	51000	22.5	0.0
Frequency (MHz)				250	2635	2650		
40	QPSK	1	1	21.45	21.45	21.35		
40	QPSK	1	108	21.33	21.28	21.31	22.5	0.0
40	QPSK	1	214	21.26	21.24	21.41		
40	QPSK	108	0	21.23	21.41	21.26	22.5	0.0
40	QPSK	108	54	21.31	21.45	21.32	22.5	0.0
40	QPSK	108	108	21.28	21.25	21.37	22.5	0.0
40	QPSK	216	0	21.34	21.45	21.44		

n38 Ant 1 DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996	23.2	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	21.72	21.77	21.78	23.2	0.0	
40	PI/2 BPSK	1	53	21.82	21.84	21.87			
40	PI/2 BPSK	1	104	21.73	21.88	21.67			
40	PI/2 BPSK	50	0	21.68	21.82	21.73			
40	PI/2 BPSK	50	26	21.67	21.83	21.83	23.2	0.0	
40	PI/2 BPSK	50	56	21.78	21.80	21.71			
40	PI/2 BPSK	100	0	21.77	21.78	21.66			
40	QPSK	1	1	21.80	21.89	21.70			
40	QPSK	1	53	21.75	21.83	21.72	23.2	0.0	
40	QPSK	1	104	21.66	21.78	21.67			
40	QPSK	50	0	21.55	21.67	21.45			
40	QPSK	50	26	21.56	21.61	21.59			
40	QPSK	50	56	21.66	21.72	21.54	23.0	0.2	
40	QPSK	100	0	21.65	21.68	21.58			
40	16QAM	1	1	21.68	21.69	21.50			
40	64QAM	1	1	20.15	20.10	20.00			
40	256QAM	1	1	18.12	18.15	17.94	19.5	3.7	
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2600.99			
30	QPSK	1	1	21.71	21.72	21.62	23.2	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	21.72	21.71	21.61	23.2	0.0	
Channel				515202	519000	522400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	21.71	21.72	21.61	23.2	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	21.71	21.72	21.61	23.2	0.0	

n41 Ant 1 DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505202	518598	528000	23.2	0.0	
Frequency (MHz)				2646.01	2692.99	2640			
100	PI/2 BPSK	1	1	21.83	21.88	21.94	23.2	0.0	
100	PI/2 BPSK	1	137	21.89	21.95	21.80			
100	PI/2 BPSK	1	271	21.92	22.01	21.76			
100	PI/2 BPSK	135	0	21.75	22.03	21.88			
100	PI/2 BPSK	135	69	21.68	21.96	21.77	23.2	0.0	
100	PI/2 BPSK	135	138	21.87	21.87	21.79			
100	PI/2 BPSK	270	0	21.93	21.91	21.83			
100	QPSK	1	1	21.87	22.01	21.85			
100	QPSK	1	137	21.98	21.89	21.93	23.2	0.0	
100	QPSK	1	271	21.85	21.90	21.84			
100	QPSK	135	0	21.61	21.76	21.68			
100	QPSK	135	69	21.81	22.03	21.77			
100	QPSK	135	138	21.62	21.88	21.74	23.0	0.2	
100	QPSK	270	0	21.61	21.76	21.61			
100	16QAM	1	1	21.61	21.81	21.65			
100	64QAM	1	1	20.13	20.30	20.10			
100	256QAM	1	1	18.24	18.30	18.15	19.5	3.7	
Channel				506200	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2641	2692.99	2644.98			
90	QPSK	1	1	21.78	21.92	21.77	23.2	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2636.02	2692.99	2649.99			
80	QPSK	1	1	21.79	21.93	21.76	23.2	0.0	
Channel				505202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2631.01	2692.99	2655			
70	QPSK	1	1	21.78	21.93	21.77	23.2	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2626	2692.99	2659.98			
60	QPSK	1	1	21.78	21.93	21.75	23.2	0.0	
Channel				504204	518598	532996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2621.02	2692.99	2664.99			
50	QPSK	1	1	21.79	21.93	21.77	23.2	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2616.01	2692.99	2670			
40	QPSK	1	1	21.79	21.93	21.76	23.2	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2611	2692.99	2674.98			
30	QPSK	1	1	21.78	21.92	21.76	23.2	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2606.02	2692.99	2679.99			
20	QPSK	1	1	21.79	21.92	21.75	23.2	0.0	
Channel				500700	518598	536996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2601.5	2692.99	2682.48			
15	QPSK	1	1	21.79	21.92	21.76	23.2	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2601.01	2692.99	2685			
10	QPSK	1	1	21.72	21.69	21.73	23.2	0.0	

n5 Ant 4 DS16								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dbm)	MPR (db)
Channel				834	836.5	839		
Frequency (MHz)								
20	PI2 BPSK	1	1	22.92	23.06	22.79	24.0	0.0
20	PI2 BPSK	1	53	22.94	23.07	22.96		
20	PI2 BPSK	1	104	22.96	22.94	23.01		
20	PI2 BPSK	50	0	22.36	22.32	22.26	23.5	0.5
20	PI2 BPSK	50	28	22.84	23.10	22.83	24.0	0.0
20	PI2 BPSK	50	56	22.42	22.32	22.34	23.5	0.5
20	PI2 BPSK	100	0	22.57	22.49	22.15		
20	QPSK	1	1	23.03	23.12	23.10	24.0	0.0
20	QPSK	1	53	22.92	23.02	23.08		
20	QPSK	1	104	22.80	23.01	22.85		
20	QPSK	50	0	22.01	22.00	22.04	23.0	1.0
20	QPSK	50	28	22.97	22.99	22.96	24.0	0.0
20	QPSK	50	56	21.90	21.93	21.76	23.0	1.0
20	QPSK	100	0	21.81	21.82	21.75		
20	16QAM	1	1	21.83	22.11	22.13	23.0	1.0
20	64QAM	1	1	20.43	20.67	20.66	21.5	2.5
20	256QAM	1	1	18.36	18.62	18.50	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.01	23.09	23.00	24.0	0.0
Channel				166800	167300	168800	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.00	23.04	23.07	24.0	0.0
Channel				166300	167300	169300	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				830.5	836.5	846.5		
5	QPSK	1	1	22.97	23.04	23.01	24.0	0.0

n7 Ant 4 DS16								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 504000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 507000	Tune-up limit (dBm)	MPR (dB)
Channel				2520	2535	2550		
Frequency (MHz)				18.63	18.86	18.70		
40	PI2 BPSK	1	1	18.63	18.86	18.70	19.8	0.0
40	PI2 BPSK	1	108	18.67	18.78	18.62		
40	PI2 BPSK	1	214	18.70	18.84	18.70		
40	PI2 BPSK	108	0	18.73	18.95	18.74	19.8	0.0
40	PI2 BPSK	108	54	18.77	18.83	18.69	19.8	0.0
40	PI2 BPSK	108	108	18.70	18.77	18.69		
40	PI2 BPSK	216	0	18.72	18.91	18.75	19.8	0.0
40	QPSK	1	1	18.61	18.99	18.69		
40	QPSK	1	108	18.66	18.94	18.62	19.8	0.0
40	QPSK	1	214	18.72	18.82	18.72		
40	QPSK	108	0	18.76	18.85	18.71	19.8	0.0
40	QPSK	108	54	18.73	18.89	18.75	19.8	0.0
40	QPSK	108	108	18.62	18.83	18.71	19.8	0.0
40	QPSK	216	0	18.70	18.75	18.66		
40	16QAM	1	1	18.64	18.79	18.77	19.8	0.0
40	64QAM	1	1	18.75	18.93	18.71	19.8	0.0
40	256QAM	1	1	18.40	18.50	18.51	19.5	4.5
Channel				507000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.53	18.91	18.60	19.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2562.5		
25	QPSK	1	1	18.53	18.90	18.59	19.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	18.53	18.90	18.60	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	18.51	18.91	18.61	19.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.52	18.90	18.60	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	18.51	18.91	18.60	19.8	0.0

n26 Ant 4 DS16								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164800	Power Middle Ch. / Freq. 166300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				824	831.5	839		
Frequency (MHz)								
20	PI2 BPSK	1	1	23.32	23.40	23.09	24.0	0.0
20	PI2 BPSK	1	53	23.27	23.36	23.27		
20	PI2 BPSK	1	104	23.34	23.29	23.32		
20	PI2 BPSK	50	0	22.79	22.59	22.70	23.5	0.5
20	PI2 BPSK	50	28	23.17	23.48	23.20	24.0	0.0
20	PI2 BPSK	50	56	22.65	22.58	22.73	23.5	0.5
20	PI2 BPSK	100	0	22.88	22.83	22.52		
20	QPSK	1	1	23.38	23.52	23.43		
20	QPSK	1	53	23.24	23.27	23.34	24.0	0.0
20	QPSK	1	104	23.07	23.43	23.31		
20	QPSK	50	0	22.43	22.20	22.27	23.0	1.0
20	QPSK	50	28	23.28	23.36	23.28	24.0	0.0
20	QPSK	50	56	22.19	22.23	21.98	23.0	1.0
20	QPSK	100	0	22.11	22.15	22.16		
20	16QAM	1	1	22.16	22.51	22.47	23.0	1.0
20	64QAM	1	1	20.85	21.03	20.90	21.5	2.5
20	256QAM	1	1	18.66	19.06	18.81	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.32	23.46	23.39	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.30	23.47	23.34	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				818.5	831.5	846.5		
5	QPSK	1	1	23.34	23.47	23.40	24.0	0.0

n38 Ant 4 DS16								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	519000	516996	20.5	0.0
Frequency (MHz)				2590.02	2696	2599.98		
40	PI/2 BPSK	1	1	18.56	18.62	18.62	20.5	0.0
40	PI/2 BPSK	1	53	18.54	18.70	18.55		
40	PI/2 BPSK	1	104	18.60	18.70	18.65		
40	PI/2 BPSK	50	0	18.65	18.63	18.68		
40	PI/2 BPSK	50	26	18.55	18.67	18.63	20.5	0.0
40	PI/2 BPSK	50	56	18.57	18.65	18.66	20.5	0.0
40	PI/2 BPSK	100	0	18.67	18.74	18.61		
40	QPSK	1	1	18.61	18.75	18.53	20.5	0.0
40	QPSK	1	53	18.51	18.70	18.63		
40	QPSK	1	104	18.61	18.64	18.66		
40	QPSK	50	0	18.53	18.64	18.68		
40	QPSK	50	26	18.52	18.71	18.53	20.5	0.0
40	QPSK	50	56	18.53	18.69	18.59	20.5	0.0
40	QPSK	100	0	18.53	18.72	18.53		
40	16QAM	1	1	18.66	18.62	18.65	20.5	0.0
40	64QAM	1	1	18.54	18.63	18.62	20.5	0.0
40	256QAM	1	1	17.67	17.65	17.62	19.5	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2596	2600.99		
30	QPSK	1	1	18.51	18.65	18.53	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	1	18.52	18.66	18.54	20.5	0.0
Channel				516202	519000	522400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2596	2612.49		
15	QPSK	1	1	18.53	18.66	18.54	20.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2596	2614.98		
10	QPSK	1	1	18.51	18.66	18.55	20.5	0.0

n41 Ant 4 DS16								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	516598	526000	20.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.63	18.74	18.73	20.5	0.0
100	PI/2 BPSK	1	137	18.65	18.78	18.71		
100	PI/2 BPSK	1	271	18.68	18.77	18.80		
100	PI/2 BPSK	135	0	18.60	18.82	18.85		
100	PI/2 BPSK	135	69	18.63	18.75	18.78	20.5	0.0
100	PI/2 BPSK	135	138	18.65	18.86	18.78	20.5	0.0
100	PI/2 BPSK	270	0	18.82	18.85	18.71		
100	QPSK	1	1	18.69	18.85	18.71	20.5	0.0
100	QPSK	1	137	18.63	18.81	18.84		
100	QPSK	1	271	18.75	18.77	18.86		
100	QPSK	135	0	18.64	18.70	18.85		
100	QPSK	135	69	18.74	18.86	18.75	20.5	0.0
100	QPSK	135	138	18.67	18.85	18.67	20.5	0.0
100	QPSK	270	0	18.72	18.85	18.62		
100	16QAM	1	1	18.74	18.81	18.86	20.5	0.0
100	64QAM	1	1	18.63	18.73	18.78	20.5	0.0
100	256QAM	1	1	17.85	17.78	17.76	19.5	1.0
Channel				506200	516598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.59	18.79	18.63	20.5	0.0
Channel				507204	516598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.61	18.78	18.61	20.5	0.0
Channel				506202	516598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.59	18.80	18.61	20.5	0.0
Channel				505200	516598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.61	18.78	18.61	20.5	0.0
Channel				504204	516598	532996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.59	18.79	18.61	20.5	0.0
Channel				503202	516598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.60	18.78	18.61	20.5	0.0
Channel				502200	516598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.59	18.79	18.61	20.5	0.0
Channel				501204	516598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.61	18.78	18.63	20.5	0.0
Channel				500700	516598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.60	18.80	18.62	20.5	0.0
Channel				500202	516598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.61	18.79	18.62	20.5	0.0

Part270 n77 PC2 Ant 3 DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.30	19.34	19.14	20.6	0.0	
100	PI/2 BPSK	1	137	19.40	19.42	19.23			
100	PI/2 BPSK	1	271	19.33	19.32	19.22			
100	PI/2 BPSK	135	0	19.34	19.46	19.29			
100	PI/2 BPSK	135	69	19.29	19.46	19.24	20.6	0.0	
100	PI/2 BPSK	135	138	19.42	19.44	19.21			
100	PI/2 BPSK	270	0	19.29	19.40	19.26			
100	QPSK	1	1	19.37	19.42	19.22			
100	QPSK	1	137	19.33	19.45	19.17	20.6	0.0	
100	QPSK	1	271	19.34	19.33	19.30			
100	QPSK	135	0	19.32	19.42	19.25			
100	QPSK	135	69	19.37	19.44	19.13			
100	QPSK	135	138	19.31	19.35	19.27	20.6	0.0	
100	QPSK	270	0	19.31	19.41	19.22			
100	16QAM	1	1	19.36	19.34	19.23			
100	64QAM	1	1	19.39	19.41	19.29			
100	256QAM	1	1	18.15	18.21	18.23	19.5	1.1	
Channel				648668	650000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)		
90	QPSK	1	1	19.27	19.33	19.13	20.6	0.0	
Channel				649334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	19.28	19.34	19.13	20.6	0.0	
Channel				648000	650000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	19.28	19.33	19.12	20.6	0.0	
Channel				648668	650000	653334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	19.27	19.34	19.12	20.6	0.0	
Channel				648334	650000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	19.27	19.34	19.14	20.6	0.0	
Channel				648000	650000	654000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	19.29	19.32	19.12	20.6	0.0	
Channel				647668	650000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	19.27	19.34	19.14	20.6	0.0	
Channel				647334	650000	654668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	19.28	19.32	19.14	20.6	0.0	
Channel				647000	650000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	19.27	19.34	19.12	20.6	0.0	
Channel				647000	650000	655000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	19.21	19.25	19.19	20.6	0.0	

Part270 n78 PC2 Ant 3 DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dB)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	19.31	19.41		20.6	0.0	
100	PI/2 BPSK	1	137	19.41	19.41				
100	PI/2 BPSK	1	271	19.39	19.39				
100	PI/2 BPSK	135	0	19.41	19.41				
100	PI/2 BPSK	135	69	19.43	19.43		20.6	0.0	
100	PI/2 BPSK	135	138	19.44	19.44				
100	PI/2 BPSK	270	0	19.38	19.38				
100	QPSK	1	1	19.49	19.49				
100	QPSK	1	137	19.36	19.36		20.6	0.0	
100	QPSK	1	271	19.43	19.43				
100	QPSK	135	0	19.44	19.44				
100	QPSK	135	69	19.45	19.45				
100	QPSK	135	138	19.44	19.44		20.6	0.0	
100	QPSK	270	0	19.41	19.41				
100	16QAM	1	1	19.41	19.41				
100	64QAM	1	1	19.38	19.38				
100	256QAM	1	1	18.18	18.18		19.5	1.1	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	19.35	19.41	19.34	20.6	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	19.35	19.41	19.34	20.6	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	19.36	19.40	19.35	20.6	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	19.35	19.40	19.34	20.6	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	19.37	19.39	19.34	20.6	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	19.37	19.39	19.34	20.6	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	19.35	19.39	19.35	20.6	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	19.36	19.41	19.34	20.6	0.0	
Channel				647000	650000	652934	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	19.36	19.41	19.33	20.6	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	19.36	19.40	19.34	20.6	0.0	

PC2&3 Part270 n77 Ant 5 DSI6												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				650000	650000	662000	20.6	0.0				
Frequency (MHz)				3750	3840	3930						
100	PI/2 BPSK	1	1	19.13	19.32	19.23	20.6	0.0				
100	PI/2 BPSK	1	137	19.20	19.27	19.23						
100	PI/2 BPSK	1	271	19.13	19.18	19.27						
100	PI/2 BPSK	135	0	19.23	19.26	19.26						
100	PI/2 BPSK	135	69	19.16	19.24	19.14	20.6					
100	PI/2 BPSK	135	138	19.15	19.22	19.25						
100	PI/2 BPSK	270	0	19.24	19.24	19.20	20.6					
100	QPSK	1	1	19.18	19.41	19.20						
100	QPSK	1	137	19.23	19.22	19.13	20.6					
100	QPSK	1	271	19.21	19.19	19.19						
100	QPSK	135	0	19.19	19.31	19.22	20.6					
100	QPSK	135	69	19.11	19.36	19.10						
100	QPSK	135	138	19.24	19.35	19.24	20.6					
100	QPSK	270	0	19.16	19.31	19.26						
100	16QAM	1	1	19.09	19.28	19.20	20.6					
100	64QAM	1	1	19.16	19.28	19.23						
100	256QAM	1	1	19.11	19.18	19.13	20.6					
Channel				648668	650000	662334						
Frequency (MHz)				3745.02	3840	3935.01	Tune-up limit (dBm)					
90	QPSK	1	1	19.10	19.33	19.12	0.0		20.6			
Channel				649334	650000	652668						
Frequency (MHz)				3740.01	3840	3940.02			Tune-up limit (dBm)			
80	QPSK	1	1	19.10	19.33	19.11			20.6		0.0	
Channel				648000	650000	663000						
Frequency (MHz)				3735	3840	3945			Tune-up limit (dBm)			
70	QPSK	1	1	19.08	19.32	19.10	0.0		20.6			
Channel				648668	650000	653334						
Frequency (MHz)				3730.02	3840	3950.01			Tune-up limit (dBm)			
60	QPSK	1	1	19.10	19.32	19.12			20.6		0.0	
Channel				648334	650000	663668						
Frequency (MHz)				3725.01	3840	3955.02			Tune-up limit (dBm)			
50	QPSK	1	1	19.09	19.32	19.12			20.6		0.0	
Channel				648000	650000	654000						
Frequency (MHz)				3720	3840	3960			Tune-up limit (dBm)			
40	QPSK	1	1	19.08	19.31	19.11			20.6		0.0	
Channel				647668	650000	664334						
Frequency (MHz)				3715.02	3840	3965.01			Tune-up limit (dBm)			
30	QPSK	1	1	19.08	19.31	19.10			20.6		0.0	
Channel				647334	650000	654668						
Frequency (MHz)				3710.01	3840	3970.02			Tune-up limit (dBm)			
20	QPSK	1	1	19.10	19.33	19.12			20.6		0.0	
Channel				647168	650000	664834						
Frequency (MHz)				3707.52	3840	3972.51			Tune-up limit (dBm)			
15	QPSK	1	1	19.15	19.25	19.13			20.6		0.0	
Channel				647000	650000	655000						
Frequency (MHz)				3705	3840	3975			Tune-up limit (dBm)			
10	QPSK	1	1	19.25	19.21	19.12			20.6		0.0	

PC2&3 Part270 n78 PC2 Ant 5 DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	19.26			20.6		0.0
100	PI/2 BPSK	1	137	19.20					
100	PI/2 BPSK	1	271	19.21					
100	PI/2 BPSK	135	0	19.20					
100	PI/2 BPSK	135	69	19.23			20.6	0.0	
100	PI/2 BPSK	135	138	19.23			20.6	0.0	
100	PI/2 BPSK	270	0	19.18			20.6	0.0	
100	QPSK	1	1	19.38			20.6	0.0	
100	QPSK	1	137	19.15					
100	QPSK	1	271	19.13			20.6	0.0	
100	QPSK	135	0	19.29					
100	QPSK	135	69	19.31			20.6	0.0	
100	QPSK	135	138	19.25			20.6	0.0	
100	QPSK	270	0	19.14			20.6	0.0	
100	16QAM	1	1	19.23			20.6	0.0	
100	64QAM	1	1	19.30			20.6	0.0	
100	256QAM	1	1	19.25			20.6	0.0	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	19.20	19.30	19.17	20.6	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	19.20	19.30	19.16	20.6	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	19.19	19.30	19.15	20.6	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	19.19	19.29	19.15	20.6	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	19.20	19.30	19.15	20.6	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	19.18	19.30	19.15	20.6	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	19.18	19.28	19.15	20.6	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	19.20	19.30	19.17	20.6	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	19.20	19.28	19.16	20.6	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	19.18	19.29	19.16	20.6	0.0	

PC2&3 Part270 n77 Ant 7 DSI6											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				650000	656000	662000					
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	20.39	20.45	20.25	21.8	0.0			
100	PI/2 BPSK	1	137	20.28	20.43	20.16					
100	PI/2 BPSK	1	271	20.25	20.35	20.25					
100	PI/2 BPSK	135	0	20.24	20.47	20.30					
100	PI/2 BPSK	135	69	20.29	20.30	20.20	21.8	0.0			
100	PI/2 BPSK	135	138	20.38	20.30	20.17					
100	PI/2 BPSK	270	0	20.28	20.42	20.13					
100	QPSK	1	1	20.24	20.49	20.27					
100	QPSK	1	137	20.35	20.31	20.19	21.8	0.0			
100	QPSK	1	271	20.24	20.33	20.25					
100	QPSK	135	0	20.31	20.42	20.17					
100	QPSK	135	69	20.37	20.43	20.26					
100	QPSK	135	138	20.29	20.41	20.14	21.8	0.0			
100	QPSK	270	0	20.26	20.34	20.28					
100	16QAM	1	1	20.34	20.39	20.25		21.8			
100	64QAM	1	1	20.30	20.34	20.28					
100	256QAM	1	1	20.02	20.05	20.01					
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)			
90	QPSK	1	1	20.14	20.41	20.19	21.8	0.0			
Channel				649334	650000	662668	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)			(dB)	
80	QPSK	1	1	20.14	20.41	20.18	21.8	0.0			
Channel				649000	650000	663000	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3735	3840	3945	(dBm)			(dB)	
70	QPSK	1	1	20.16	20.41	20.17	21.8	0.0			
Channel				648668	650000	663334	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)			(dB)	
60	QPSK	1	1	20.15	20.41	20.17	21.8	0.0			
Channel				648334	650000	663668	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)			(dB)	
50	QPSK	1	1	20.15	20.41	20.17	21.8	0.0			
Channel				648000	650000	664000	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3720	3840	3960	(dBm)			(dB)	
40	QPSK	1	1	20.15	20.41	20.17	21.8	0.0			
Channel				647668	650000	664334	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)			(dB)	
30	QPSK	1	1	20.16	20.41	20.19	21.8	0.0			
Channel				647334	650000	664668	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)			(dB)	
20	QPSK	1	1	20.14	20.40	20.17	21.8	0.0			
Channel				647000	650000	664834	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)			(dB)	
15	QPSK	1	1	20.14	20.39	20.19	21.8	0.0			
Channel				647000	650000	665000	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3705	3840	3975	(dBm)			(dB)	
10	QPSK	1	1	20.15	20.40	20.17	21.8	0.0			

PC2&3 Part270 n78 Ant 7 DS16											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)			
Channel				650000							
Frequency (MHz)				3750							
100	PI/2 BPSK	1	1			20.24	21.8	0.0			
100	PI/2 BPSK	1	137			20.28					
100	PI/2 BPSK	1	271			20.28					
100	PI/2 BPSK	135	0			20.30					
100	PI/2 BPSK	135	69			20.28	21.8	0.0			
100	PI/2 BPSK	135	138			20.37					
100	PI/2 BPSK	270	0			20.19					
100	QPSK	1	1			20.39					
100	QPSK	1	137			20.23	21.8	0.0			
100	QPSK	1	271			20.30					
100	QPSK	135	0			20.26					
100	QPSK	135	69		20.25	21.8				0.0	
100	QPSK	135	138			20.24					
100	QPSK	270	0			20.21					
100	16QAM	1	1			20.33	21.8				
100	64QAM	1	1			20.30					
100	256QAM	1	1			20.01					
Channel				649668	650000	650334			Tune-up limit		
Frequency (MHz)				3745.02	3750	3755.01	(dBm)				
90	QPSK	1	1	20.14	20.23	20.05	21.8	0.0			
Channel				649334	650000	660668	Tune-up limit				
Frequency (MHz)				3740.01	3750	3760.02	(dBm)				
80	QPSK	1	1	20.12	20.23	20.07	21.8	0.0			
Channel				649000	650000	661000	Tune-up limit				
Frequency (MHz)				3735	3750	3765	(dBm)				
70	QPSK	1	1	20.12	20.23	20.07	21.8	0.0			
Channel				648668	650000	661334	Tune-up limit				
Frequency (MHz)				3730.02	3750	3770.01	(dBm)				
60	QPSK	1	1	20.14	20.23	20.06	21.8	0.0			
Channel				648334	650000	661668	Tune-up limit				
Frequency (MHz)				3725.01	3750	3775.02	(dBm)				
50	QPSK	1	1	20.13	20.21	20.06	21.8	0.0			
Channel				648000	650000	662000	Tune-up limit				
Frequency (MHz)				3720	3750	3780	(dBm)				
40	QPSK	1	1	20.14	20.22	20.07	21.8	0.0			
Channel				647668	650000	662334	Tune-up limit				
Frequency (MHz)				3715.02	3750	3785.01	(dBm)				
30	QPSK	1	1	20.13	20.22	20.07	21.8	0.0			
Channel				647334	650000	662668	Tune-up limit				
Frequency (MHz)				3710.01	3750	3790.02	(dBm)				
20	QPSK	1	1	20.13	20.23	20.07	21.8	0.0			
Channel				647000	650000	662934	Tune-up limit				
Frequency (MHz)				3707.52	3750	3792.51	(dBm)				
15	QPSK	1	1	20.14	20.21	20.05	21.8	0.0			
Channel				647000	650000	663000	Tune-up limit				
Frequency (MHz)				3705	3750	3795	(dBm)				
10	QPSK	1	1	20.13	20.23	20.07	21.8	0.0			

Part270 n77 Ant 9 DS16									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	21.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.55	19.50	19.70	21.0	0.0	
100	PI/2 BPSK	1	137	19.53	19.50	19.52			
100	PI/2 BPSK	1	271	19.44	19.52	19.53			
100	PI/2 BPSK	135	0	18.91	19.13	19.03		0.5	
100	PI/2 BPSK	135	69	19.45	19.72	19.59	21.0	0.0	
100	PI/2 BPSK	135	138	19.10	19.11	18.98		0.5	
100	PI/2 BPSK	270	0	18.98	19.09	18.99	21.0	0.0	
100	QPSK	1	1	19.53	19.85	19.84			
100	QPSK	1	137	19.41	19.46	19.47			
100	QPSK	1	271	19.42	19.78	19.50			
100	QPSK	135	0	18.88	18.66	18.79	20.0	1.0	
100	QPSK	135	69	19.49	19.58	19.57		0.0	
100	QPSK	135	138	18.56	18.65	18.54	20.0	1.0	
100	QPSK	270	0	18.38	18.44	18.36		1.0	
100	16QAM	1	1	18.76	18.63	18.59	20.0	1.0	
100	64QAM	1	1	17.03	16.97	17.07		2.5	
100	256QAM	1	1	15.02	15.20	15.09	18.5	4.5	
Channel				648668	650000	662334	21.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.43	19.76	19.54	21.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02	21.0	0.0	
80	QPSK	1	1	19.43	19.75	19.55		0.0	
Channel				649200	650000	663200	21.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.45	19.76	19.55	21.0	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01	21.0	0.0	
60	QPSK	1	1	19.44	19.76	19.55		0.0	
Channel				648334	650000	663068	21.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	19.44	19.75	19.55	21.0	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960	21.0	0.0	
40	QPSK	1	1	19.43	19.76	19.56		0.0	
Channel				647334	650000	663334	21.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	19.44	19.75	19.56	21.0	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02	21.0	0.0	
20	QPSK	1	1	19.43	19.77	19.55		0.0	
Channel				647168	650000	663834	21.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.43	19.75	19.55	21.0	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975	21.0	0.0	
10	QPSK	1	1	19.45	19.51	19.49		0.0	

Part270 n77 PC2 Ant 9 DS16									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	21.9	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	20.64	20.68	20.41	21.9	0.0	
100	PI/2 BPSK	1	137	20.65	20.72	20.52			
100	PI/2 BPSK	1	271	20.67	20.79	20.41			
100	PI/2 BPSK	135	0	20.68	20.74	20.37		0.0	
100	PI/2 BPSK	135	69	20.69	20.67	20.54	21.9	0.0	
100	PI/2 BPSK	135	138	20.70	20.79	20.50		0.0	
100	PI/2 BPSK	270	0	20.55	20.75	20.41	21.9	0.0	
100	QPSK	1	1	20.58	20.81	20.48			
100	QPSK	1	137	20.61	20.72	20.41			
100	QPSK	1	271	20.64	20.74	20.37			
100	QPSK	135	0	20.71	20.70	20.37	21.9	0.0	
100	QPSK	135	69	20.57	20.77	20.52		0.0	
100	QPSK	135	138	20.61	20.71	20.39	21.9	0.0	
100	QPSK	270	0	20.57	20.72	20.39		0.0	
100	16QAM	1	1	20.59	20.71	20.41	21.9	0.0	
100	64QAM	1	1	20.11	20.13	20.09		21.5	
100	256QAM	1	1	18.01	18.06	18.03	19.5	2.4	
Channel				648668	650000	662334	21.9	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	20.48	20.69	20.39	21.9	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02	21.9	0.0	
80	QPSK	1	1	20.49	20.68	20.39		0.0	
Channel				649000	650000	663000	21.9	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	20.48	20.68	20.39	21.9	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01	21.9	0.0	
60	QPSK	1	1	20.49	20.70	20.39		0.0	
Channel				648334	650000	663668	21.9	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	20.50	20.69	20.38	21.9	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960	21.9	0.0	
40	QPSK	1	1	20.49	20.68	20.40		0.0	
Channel				647334	650000	663334	21.9	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	20.50	20.68	20.39	21.9	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02	21.9	0.0	
20	QPSK	1	1	20.48	20.68	20.40		0.0	
Channel				647168	650000	663834	21.9	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	20.48	20.68	20.39	21.9	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975	21.9	0.0	
10	QPSK	1	1	20.49	20.69	20.39		0.0	

Part270 n78 Ant 9 DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		19.37				
100	PV2 BPSK	1	137		19.39		21.0	0.0	
100	PV2 BPSK	1	271		19.39				
100	PV2 BPSK	135	0		18.95		20.5	0.5	
100	PV2 BPSK	135	69		19.35		21.0	0.0	
100	PV2 BPSK	135	138		19.02				
100	PV2 BPSK	270	0		19.07		20.5	0.5	
100	QPSK	1	1		19.83				
100	QPSK	1	137		19.39		21.0	0.0	
100	QPSK	1	271		19.75				
100	QPSK	135	0		18.61		20.0	1.0	
100	QPSK	135	69		19.40		21.0	0.0	
100	QPSK	135	138		18.47				
100	QPSK	270	0		18.31		20.0	1.0	
100	16QAM	1	1		18.55		20.0	1.0	
100	64QAM	1	1		16.89		18.5	2.5	
100	256QAM	1	1		15.10		16.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		19.68	19.73	21.0	0.0	
Channel				648000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		19.69	19.75	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		19.68	19.74	21.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		19.70	19.74	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		19.69	19.73	21.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1		19.70	19.75	21.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		19.68	19.71	21.0	0.0	

Part270 n78 PC2 Ant 9 DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		20.50				
100	PV2 BPSK	1	137		20.36		21.9	0.0	
100	PV2 BPSK	1	271		20.52				
100	PV2 BPSK	135	0		19.98		21.9	0.0	
100	PV2 BPSK	135	69		20.36		21.9	0.0	
100	PV2 BPSK	135	138		20.06				
100	PV2 BPSK	270	0		20.21		21.9	0.0	
100	QPSK	1	1		20.76				
100	QPSK	1	137		20.49		21.9	0.0	
100	QPSK	1	271		20.51				
100	QPSK	135	0		19.99		21.9	0.0	
100	QPSK	135	69		20.57		21.9	0.0	
100	QPSK	135	138		19.67				
100	QPSK	270	0		19.57		21.9	0.0	
100	16QAM	1	1		19.68		21.9	0.0	
100	64QAM	1	1		20.25		21.5	0.4	
100	256QAM	1	1		18.01		19.5	2.4	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		20.59	20.66	20.53	21.9	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		20.60	20.67	20.55	21.9	
Channel				648000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		20.60	20.68	20.55	21.9	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		20.59	20.67	20.54	21.9	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		20.59	20.68	20.55	21.9	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		20.60	20.66	20.54	21.9	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		20.59	20.68	20.55	21.9	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		20.61	20.68	20.54	21.9	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1		20.59	20.67	20.54	21.9	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		20.60	20.66	20.54	21.9	

Reduced Power Mode for DSI7

n5 Ant 0 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166500	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.15	23.19	23.18	24.0	0.0
20	QPSK	1	53	23.12	23.08	22.98		
20	QPSK	1	104	22.89	22.99	23.02		
20	QPSK	50	0	21.94	22.13	22.16	23.0	1.0
20	QPSK	50	28	23.07	23.08	22.91	24.0	0.0
20	QPSK	50	56	21.91	22.08	22.04	23.0	1.0
20	QPSK	100	0	22.06	22.14	22.03		

n26 Ant 0 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				834	831.5	839		
20	QPSK	1	1	23.45	23.56	23.50	24.0	0.0
20	QPSK	1	53	23.25	23.53	23.36		
20	QPSK	1	104	23.43	23.41	23.31		
20	QPSK	50	0	22.55	22.56	22.43	23.0	1.0
20	QPSK	50	28	23.40	23.50	23.33	24.0	0.0
20	QPSK	50	56	22.41	22.57	22.63	23.0	1.0
20	QPSK	100	0	22.38	22.46	22.46		

n7 Ant 1 DS17									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000	22.5	0.0	
Frequency (MHz)				2590	2635	2690			
40	PI/2 BPSK	1	1	21.42	21.43	21.39	22.5	0.0	
40	PI/2 BPSK	1	108	21.23	21.32	21.26			
40	PI/2 BPSK	1	214	21.31	21.41	21.46	22.5	0.0	
40	PI/2 BPSK	108	0	21.22	21.45	21.38			
40	PI/2 BPSK	108	54	21.27	21.42	21.29	22.5	0.0	
40	PI/2 BPSK	108	108	21.36	21.35	21.41			
40	PI/2 BPSK	216	0	21.30	21.29	21.40	22.5	0.0	
40	QPSK	1	1	21.45	21.45	21.35			
40	QPSK	1	108	21.33	21.28	21.31	22.5	0.0	
40	QPSK	1	214	21.26	21.24	21.41			
40	QPSK	108	0	21.23	21.41	21.26	22.5	0.0	
40	QPSK	108	54	21.31	21.45	21.32			
40	QPSK	108	108	21.28	21.25	21.37	22.5	0.0	
40	QPSK	216	0	21.34	21.45	21.44			
40	16QAM	1	1	21.31	21.21	21.20	22.5	0.0	
40	64QAM	1	1	20.94	20.96	20.98			
40	256QAM	1	1	18.72	18.80	18.76	19.5	3.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	21.36	21.25	21.26	22.5	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	21.36	21.25	21.27	22.5	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	21.37	21.23	21.25	22.5	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	21.35	21.25	21.26	22.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	21.36	21.24	21.27	22.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	21.37	21.24	21.28	22.5	0.0	

n38 Ant 1 DS13 DS17								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	21.7	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.00	20.10	20.06	21.7	0.0
40	PI/2 BPSK	1	53	20.06	20.05	20.00		
40	PI/2 BPSK	1	104	19.99	20.13	19.90	21.7	0.0
40	PI/2 BPSK	50	0	20.05	20.07	19.90		
40	PI/2 BPSK	50	25	20.00	20.06	20.07	21.7	0.0
40	PI/2 BPSK	50	56	20.00	20.14	20.01		
40	PI/2 BPSK	100	0	20.09	20.04	19.91	21.7	0.0
40	QPSK	1	1	20.00	20.17	19.92		
40	QPSK	1	53	19.96	20.07	19.87	21.7	0.0
40	QPSK	1	104	19.98	20.11	19.99		
40	QPSK	50	0	19.93	19.99	19.99	21.7	0.0
40	QPSK	50	25	19.92	20.12	19.95		
40	QPSK	50	56	19.91	20.08	19.90	21.7	0.0
40	QPSK	100	0	19.93	20.06	19.98		
40	16QAM	1	1	19.88	20.01	20.01	21.7	0.0
40	64QAM	1	1	19.98	20.06	19.91		
40	256QAM	1	1	18.75	18.65	18.71	19.5	2.2
Channel				517002	519000	520998	21.7	0.0
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.92	20.09	19.84	21.7	0.0
Channel				516000	519000	522000		
Frequency (MHz)				2580	2595	2610	21.7	0.0
20	QPSK	1	1	19.92	20.06	19.83		
Channel				515202	519000	522403	21.7	0.0
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.91	20.08	19.83	21.7	0.0
Channel				515004	519000	522996		
Frequency (MHz)				2575.02	2595	2614.98	21.7	0.0
10	QPSK	1	1	19.92	20.08	19.84		

n41 Ant 1 DS13 DS17								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505202	518598	528000	21.7	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.07	20.17	20.09	21.7	0.0
100	PI/2 BPSK	1	137	20.07	20.17	20.07		
100	PI/2 BPSK	1	271	20.11	20.18	20.06	21.7	0.0
100	PI/2 BPSK	135	0	20.04	20.16	20.03		
100	PI/2 BPSK	135	69	20.07	20.16	20.07	21.7	0.0
100	PI/2 BPSK	135	138	20.09	20.16	20.04		
100	PI/2 BPSK	270	0	20.08	20.17	20.07	21.7	0.0
100	QPSK	1	1	20.07	20.19	20.06		
100	QPSK	1	137	20.03	20.14	20.02	21.7	0.0
100	QPSK	1	271	20.07	20.15	20.08		
100	QPSK	135	0	20.03	20.15	20.04	21.7	0.0
100	QPSK	135	69	20.04	20.16	20.04		
100	QPSK	135	138	20.04	20.13	20.04	21.7	0.0
100	QPSK	270	0	20.08	20.16	20.05		
100	16QAM	1	1	20.04	20.16	20.04	21.7	0.0
100	64QAM	1	1	20.04	20.14	20.04		
100	256QAM	1	1	18.69	18.65	18.59	19.5	2.2
Channel				506200	518598	529998	21.7	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.07	20.11	20.04	21.7	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99	21.7	0.0
80	QPSK	1	1	20.05	20.10	20.03		
Channel				505202	518598	531000	21.7	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.07	20.09	20.05	21.7	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98	21.7	0.0
60	QPSK	1	1	20.06	20.10	20.04		
Channel				504204	518598	532996	21.7	0.0
Frequency (MHz)				2621.02	2592.99	2664.99		
50	QPSK	1	1	20.07	20.09	20.04	21.7	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670	21.7	0.0
40	QPSK	1	1	20.06	20.11	20.04		
Channel				502200	518598	534996	21.7	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.06	20.11	20.04	21.7	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99	21.7	0.0
20	QPSK	1	1	20.06	20.10	20.05		
Channel				500700	518598	536996	21.7	0.0
Frequency (MHz)				2501.5	2592.99	2682.48		
15	QPSK	1	1	20.05	20.09	20.05	21.7	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685	21.7	0.0
10	QPSK	1	1	20.07	20.11	20.03		

n5 Ant 4 DS17								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dbm)	MPR (db)
Channel				834	836.5	839		
Frequency (MHz)								
20	PQ2 BPSK	1	1	19.99	19.83	20.02		
20	PQ2 BPSK	1	53	19.92	19.87	19.95	21.4	0.0
20	PQ2 BPSK	1	104	19.80	19.91	19.83		
20	PQ2 BPSK	50	0	19.88	19.91	19.80	21.4	0.0
20	PQ2 BPSK	50	28	19.93	19.96	19.73	21.4	0.0
20	PQ2 BPSK	50	56	19.77	19.82	19.83		
20	PQ2 BPSK	100	0	19.75	19.81	19.70	21.4	0.0
20	QPSK	1	1	19.92	20.05	20.02		
20	QPSK	1	53	19.83	19.83	19.76	21.4	0.0
20	QPSK	1	104	19.86	19.93	19.87		
20	QPSK	50	0	19.88	19.94	19.98	21.4	0.0
20	QPSK	50	28	20.02	20.03	19.80	21.4	0.0
20	QPSK	50	56	19.81	19.86	19.81		
20	QPSK	100	0	19.81	19.95	19.94	21.4	0.0
20	16QAM	1	1	19.86	19.96	19.89	21.4	0.0
20	64QAM	1	1	19.90	19.81	19.94	21.4	0.0
20	256QAM	1	1	19.29	18.77	18.45	19.5	1.3
Channel				165300	167300	169300	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.84	19.97	19.92	21.4	0.0
Channel				165900	167300	168800	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				839	838.5	844		
10	QPSK	1	1	19.82	19.96	19.93	21.4	0.0
Channel				165300	167300	169300	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				839.5	839.5	840.5		
5	QPSK	1	1	19.82	19.97	19.92	21.4	0.0

n7 Ant 4 DS17								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 504000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 507000	Tune-up limit (dBm)	MPR (dB)
Channel				2520	2535	2550		
Frequency (MHz)								
40	PV2 BPSK	1	1	14.10	14.21	14.15		
40	PV2 BPSK	1	108	14.05	14.22	14.11	15.7	0.0
40	PV2 BPSK	1	214	14.16	14.27	14.22		
40	PV2 BPSK	108	0	14.06	14.20	14.16	15.7	0.0
40	PV2 BPSK	108	54	14.20	14.27	14.13	15.7	0.0
40	PV2 BPSK	108	108	14.03	14.19	14.26		
40	PV2 BPSK	216	0	14.16	14.19	14.23	15.7	0.0
40	QPSK	1	1	14.14	14.29	14.17		
40	QPSK	1	108	14.10	14.12	14.14	15.7	0.0
40	QPSK	1	214	14.26	14.16	14.26		
40	QPSK	108	0	14.22	14.14	14.20	15.7	0.0
40	QPSK	108	54	14.04	14.25	14.23	15.7	0.0
40	QPSK	108	108	14.03	14.21	14.16	15.7	0.0
40	QPSK	216	0	14.08	14.15	14.17		
40	16QAM	1	1	14.11	14.21	14.13	15.7	0.0
40	64QAM	1	1	14.22	14.22	14.04	15.7	0.0
40	256QAM	1	1	14.05	14.10	14.05	15.7	0.0
Channel				503500	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.06	14.14	14.08	15.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2562.5		
25	QPSK	1	1	14.04	14.15	14.07	15.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PV2 BPSK	1	1	14.05	14.15	14.08	15.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.04	14.10	14.09	15.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.05	14.16	14.09	15.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.06	14.14	14.09	15.7	0.0

n26 Ant 4 DS17								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164800	Power Middle Ch. / Freq. 166300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				824	831.5	839		
Frequency (MHz)								
20	PV2 BPSK	1	1	20.09	19.86	20.10		
20	PV2 BPSK	1	53	20.00	20.07	20.08	21.4	0.0
20	PV2 BPSK	1	104	19.92	20.08	19.95		
20	PV2 BPSK	50	0	19.88	20.12	19.91	21.4	0.0
20	PV2 BPSK	50	28	20.05	20.08	19.92	21.4	0.0
20	PV2 BPSK	50	56	19.91	19.98	19.91	21.4	0.0
20	PV2 BPSK	100	0	19.86	19.94	19.90	21.4	0.0
20	QPSK	1	1	20.06	20.19	20.13		
20	QPSK	1	53	20.06	19.94	19.96	21.4	0.0
20	QPSK	1	104	19.94	20.07	20.02		
20	QPSK	50	0	20.06	20.10	20.06	21.4	0.0
20	QPSK	50	28	20.10	20.13	19.94	21.4	0.0
20	QPSK	50	56	19.89	19.93	20.04	21.4	0.0
20	QPSK	100	0	19.86	20.12	20.03	21.4	0.0
20	16QAM	1	1	20.00	20.10	19.99	21.4	0.0
20	64QAM	1	1	20.09	20.04	20.05	21.4	0.0
20	256QAM	1	1	18.50	18.68	18.62	19.5	1.9
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	19.98	20.10	20.04	21.4	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				818	831.5	844		
10	QPSK	1	1	19.98	20.09	20.04	21.4	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				810.5	831.5	840.5		
5	QPSK	1	1	19.96	20.10	20.03	21.4	0.0

n38 Ant 4 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	516996	15.8	0.0
Frequency (MHz)				2590.02	2596	2599.98		
40	PI/2 BPSK	1	1	14.28	14.32	14.18	15.8	0.0
40	PI/2 BPSK	1	53	14.37	14.36	14.27		
40	PI/2 BPSK	1	104	14.36	14.19	14.20		
40	PI/2 BPSK	50	0	14.23	14.17	14.26		
40	PI/2 BPSK	50	26	14.24	14.20	14.34	15.8	0.0
40	PI/2 BPSK	50	56	14.25	14.24	14.13		
40	PI/2 BPSK	100	0	14.26	14.18	14.21		
40	QPSK	1	1	14.15	14.52	14.31		
40	QPSK	1	53	14.14	14.26	14.15	15.8	0.0
40	QPSK	1	104	14.17	14.31	14.24		
40	QPSK	50	0	14.24	14.29	14.19		
40	QPSK	50	26	14.15	14.40	14.17		
40	QPSK	50	56	14.23	14.30	14.30	15.8	0.0
40	QPSK	100	0	14.24	14.43	14.27		
40	16QAM	1	1	14.13	14.38	14.29		
40	64QAM	1	1	14.18	14.38	14.28		
40	256QAM	1	1	14.31	14.15	14.23	15.8	0.0
Channel				517002	516900	520998		
Frequency (MHz)				2585.01	2596	2600.99	15.8	0.0
30	QPSK	1	1	14.06	14.42	14.23		
Channel				516000	519000	522000	15.8	0.0
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	1	14.05	14.42	14.23	15.8	0.0
Channel				516202	519000	522403		
Frequency (MHz)				2577.51	2596	2612.49	15.8	0.0
15	QPSK	1	1	14.05	14.43	14.23		
Channel				515004	519000	522996	15.8	0.0
Frequency (MHz)				2575.02	2596	2614.98		
10	QPSK	1	1	14.07	14.43	14.23	15.8	0.0

n41 Ant 4 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505202	516598	528000	15.8	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.36	14.48	14.27	15.8	0.0
100	PI/2 BPSK	1	137	14.48	14.45	14.36		
100	PI/2 BPSK	1	271	14.55	14.40	14.27		
100	PI/2 BPSK	135	0	14.44	14.35	14.42		
100	PI/2 BPSK	135	69	14.46	14.36	14.46	15.8	0.0
100	PI/2 BPSK	135	138	14.39	14.33	14.23		
100	PI/2 BPSK	270	0	14.45	14.40	14.42		
100	QPSK	1	1	14.30	14.72	14.52		
100	QPSK	1	137	14.26	14.43	14.22	15.8	0.0
100	QPSK	1	271	14.25	14.42	14.44		
100	QPSK	135	0	14.41	14.44	14.41		
100	QPSK	135	69	14.35	14.54	14.27		
100	QPSK	135	138	14.44	14.48	14.54	15.8	0.0
100	QPSK	270	0	14.47	14.62	14.43		
100	16QAM	1	1	14.27	14.49	14.46		
100	64QAM	1	1	14.34	14.62	14.38		
100	256QAM	1	1	14.38	14.28	14.45	15.8	0.0
Channel				506200	516598	529996		
Frequency (MHz)				2541	2592.99	2644.98	15.8	0.0
90	QPSK	1	1	14.21	14.63	14.42		
Channel				507204	516598	529998	15.8	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.20	14.63	14.43	15.8	0.0
Channel				505202	516598	531000		
Frequency (MHz)				2531.01	2592.99	2655	15.8	0.0
70	QPSK	1	1	14.20	14.62	14.44		
Channel				505200	516598	531996	15.8	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.22	14.62	14.44	15.8	0.0
Channel				504204	516598	532996		
Frequency (MHz)				2621.02	2592.99	2664.99	15.8	0.0
50	QPSK	1	1	14.21	14.63	14.44		
Channel				503202	516598	534000	15.8	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.22	14.62	14.43	15.8	0.0
Channel				502200	516598	534996		
Frequency (MHz)				2511	2592.99	2674.98	15.8	0.0
30	QPSK	1	1	14.22	14.62	14.42		
Channel				501204	516598	535998	15.8	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.21	14.62	14.42	15.8	0.0
Channel				500700	516598	536496		
Frequency (MHz)				2501.5	2592.99	2682.48	15.8	0.0
15	QPSK	1	1	14.21	14.62	14.44		
Channel				500202	516598	537000	15.8	0.0
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.22	14.63	14.43	15.8	0.0

PC2&3 Part270 n77 PC2 Ant 3 DSI7											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				650000	650000	662000					
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	13.38	13.41	13.23	14.6	0.0			
100	PI/2 BPSK	1	137	13.39	13.42	13.19					
100	PI/2 BPSK	1	271	13.38	13.37	13.27					
100	PI/2 BPSK	135	0	13.34	13.37	13.19					
100	PI/2 BPSK	135	69	13.29	13.47	13.23	14.6				
100	PI/2 BPSK	135	138	13.43	13.36	13.13					
100	PI/2 BPSK	270	0	13.37	13.42	13.28					
100	QPSK	1	1	13.43	13.49	13.28					
100	QPSK	1	137	13.28	13.33	13.13	14.6	0.0			
100	QPSK	1	271	13.28	13.46	13.16					
100	QPSK	135	0	13.43	13.41	13.27					
100	QPSK	135	69	13.39	13.46	13.13					
100	QPSK	135	138	13.26	13.39	13.14	14.6				
100	QPSK	270	0	13.27	13.34	13.17					
100	16QAM	1	1	13.42	13.41	13.23					
100	64QAM	1	1	13.30	13.45	13.23					
100	256QAM	1	1	13.34	13.45	13.15	14.6				
Channel				648668	650000	662334					
Frequency (MHz)				3745.02	3840	3935.01					
90	QPSK	1	1	13.33	13.41	13.19	14.6				
Channel				649334	650000	662668					
Frequency (MHz)				3740.01	3840	3940.02					
80	QPSK	1	1	13.33	13.41	13.18	14.6				
Channel				649000	650000	663000					
Frequency (MHz)				3735	3840	3945					
70	QPSK	1	1	13.33	13.40	13.18	14.6				
Channel				648668	650000	663334					
Frequency (MHz)				3730.02	3840	3950.01					
60	QPSK	1	1	13.34	13.41	13.20	14.6				
Channel				648334	650000	663668					
Frequency (MHz)				3725.01	3840	3955.02					
50	QPSK	1	1	13.34	13.41	13.18	14.6				
Channel				648000	650000	664000					
Frequency (MHz)				3720	3840	3960					
40	QPSK	1	1	13.35	13.41	13.19	14.6				
Channel				647668	650000	664334					
Frequency (MHz)				3715.02	3840	3965.01					
30	QPSK	1	1	13.34	13.39	13.20	14.6				
Channel				647334	650000	664668					
Frequency (MHz)				3710.01	3840	3970.02					
20	QPSK	1	1	13.34	13.40	13.18	14.6				
Channel				647000	650000	664934					
Frequency (MHz)				3707.52	3840	3972.51					
15	QPSK	1	1	13.34	13.41	13.18	14.6				
Channel				647000	650000	665000					
Frequency (MHz)				3705	3840	3975					
10	QPSK	1	1	13.35	13.40	13.19	14.6				
Channel											
Frequency (MHz)											
Channel											
Frequency (MHz)											

PC2&3 Part270 n78 Ant 3 DSI7											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dB)	MPR (dB)			
Channel					650000						
Frequency (MHz)					3750						
100	PI/2 BPSK	1	1			13.30	14.6	0.0			
100	PI/2 BPSK	1	137			13.42					
100	PI/2 BPSK	1	271			13.39					
100	PI/2 BPSK	135	0			13.45					
100	PI/2 BPSK	135	69			13.32	14.6		0.0		
100	PI/2 BPSK	135	138			13.32					
100	PI/2 BPSK	270	0			13.30					
100	QPSK	1	1			13.47					
100	QPSK	1	137			13.40	14.6	0.0			
100	QPSK	1	271			13.41					
100	QPSK	135	0			13.41					
100	QPSK	135	69			13.45					
100	QPSK	135	138			13.42	14.6		0.0		
100	QPSK	270	0			13.42					
100	16QAM	1	1			13.42					
100	64QAM	1	1			13.32					
100	256QAM	1	1			13.31	14.6		0.0		
Channel				649668	650000	650334				Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01				(dBm)	(dB)
90	QPSK	1	1	13.27	13.30	13.21	14.6		0.0		
Channel				649334	650000	650668				Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02				(dBm)	(dB)
80	QPSK	1	1	13.27	13.32	13.23	14.6		0.0		
Channel				649000	650000	651000				Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3735	3750	3765				(dBm)	(dB)
70	QPSK	1	1	13.25	13.30	13.22	14.6		0.0		
Channel				648668	650000	651334				Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01				(dBm)	(dB)
60	QPSK	1	1	13.25	13.31	13.22	14.6		0.0		
Channel				648334	650000	651668				Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02				(dBm)	(dB)
50	QPSK	1	1	13.27	13.30	13.22	14.6		0.0		
Channel				648000	650000	652000				Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3720	3750	3780				(dBm)	(dB)
40	QPSK	1	1	13.27	13.31	13.23	14.6		0.0		
Channel				647668	650000	652334				Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01				(dBm)	(dB)
30	QPSK	1	1	13.28	13.32	13.23	14.6		0.0		
Channel				647334	650000	652668				Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02				(dBm)	(dB)
20	QPSK	1	1	13.27	13.31	13.23	14.6		0.0		
Channel				647000	650000	652934				Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51				(dBm)	(dB)
15	QPSK	1	1	13.27	13.32	13.23	14.6		0.0		
Channel				647000	650000	653000				Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3705	3750	3795				(dBm)	(dB)
10	QPSK	1	1	13.21	13.25	13.21	14.6		0.0		
Channel										Tune-up limit (dB)	MPR (dB)
Frequency (MHz)										(dBm)	(dB)

PC2&3 Part270 n77 PC2 Ant 5 DSI7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	15.24	15.19	15.26	16.7	0.0	
100	PI/2 BPSK	1	137	15.11	15.31	15.12			
100	PI/2 BPSK	1	271	15.22	15.23	15.24			
100	PI/2 BPSK	135	0	15.20	15.32	15.23			
100	PI/2 BPSK	135	69	15.15	15.21	15.14	16.7	0.0	
100	PI/2 BPSK	135	138	15.11	15.30	15.10	16.7	0.0	
100	PI/2 BPSK	270	0	15.12	15.34	15.20	16.7	0.0	
100	QPSK	1	1	15.08	15.38	15.12	16.7	0.0	
100	QPSK	1	137	15.18	15.26	15.12			
100	QPSK	1	271	15.23	15.27	15.28			
100	QPSK	135	0	15.16	15.21	15.22			
100	QPSK	135	69	15.20	15.33	15.28	16.7	0.0	
100	QPSK	135	138	15.09	15.23	15.17	16.7	0.0	
100	QPSK	270	0	15.17	15.23	15.11	16.7	0.0	
100	16QAM	1	1	15.13	15.26	15.28	16.7	0.0	
100	64QAM	1	1	15.24	15.20	15.22	16.7	0.0	
100	256QAM	1	1	15.18	15.32	15.21	16.7	0.0	
Channel				648668	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	(dB)		
90	QPSK	1	1	14.98	15.28	15.03	16.7	0.0	
Channel				649334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	(dB)		
80	QPSK	1	1	14.98	15.28	15.02	16.7	0.0	
Channel				649000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	(dB)		
70	QPSK	1	1	14.99	15.26	15.03	16.7	0.0	
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	(dB)		
60	QPSK	1	1	15.00	15.26	15.03	16.7	0.0	
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	(dB)		
50	QPSK	1	1	15.00	15.28	15.04	16.7	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	(dB)		
40	QPSK	1	1	15.00	15.28	15.04	16.7	0.0	
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01	(dB)		
30	QPSK	1	1	15.00	15.27	15.03	16.7	0.0	
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	(dB)		
20	QPSK	1	1	14.99	15.26	15.02	16.7	0.0	
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	(dB)		
15	QPSK	1	1	14.99	15.26	15.03	16.7	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	(dB)		
10	QPSK	1	1	15.00	15.27	15.03	16.7	0.0	

PC2&3 Part270 n78 Ant 5 DSI7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dB)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		15.05		16.7	0.0	
100	PI/2 BPSK	1	137		15.17				
100	PI/2 BPSK	1	271		15.08				
100	PI/2 BPSK	135	0		14.62				
100	PI/2 BPSK	135	69		15.01		16.7	0.0	
100	PI/2 BPSK	135	138		14.71		16.7	0.0	
100	PI/2 BPSK	270	0		14.83				
100	QPSK	1	1		15.20				
100	QPSK	1	137		14.98		16.7	0.0	
100	QPSK	1	271		15.09		16.7	0.0	
100	QPSK	135	0		14.27				
100	QPSK	135	69		15.00				
100	QPSK	135	138		14.25				
100	QPSK	270	0		14.23		16.7	0.0	
100	16QAM	1	1		14.27		16.7	0.0	
100	64QAM	1	1		12.82		16.7	0.0	
100	256QAM	1	1		10.85		16.7	0.0	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	15.02	15.12	15.06	16.7	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	15.01	15.11	15.05	16.7	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	15.01	15.10	15.08	16.7	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	15.03	15.10	15.07	16.7	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	15.01	15.12	15.07	16.7	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	15.02	15.12	15.07	16.7	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	15.02	15.12	15.07	16.7	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	15.03	15.10	15.08	16.7	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	15.02	15.12	15.08	16.7	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	15.02	15.11	15.09	16.7	0.0	

PC2&3 Part270 n77 Ant 7 DSI7											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				650000	656000	662000					
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	13.78	13.93	13.66	15.6	0.0			
100	PI/2 BPSK	1	137	13.85	13.79	13.67					
100	PI/2 BPSK	1	271	13.84	13.90	13.68					
100	PI/2 BPSK	135	0	13.73	13.95	13.80					
100	PI/2 BPSK	135	69	13.82	13.86	13.70	15.6	0.0			
100	PI/2 BPSK	135	138	13.81	13.80	13.75					
100	PI/2 BPSK	270	0	13.77	13.95	13.77					
100	QPSK	1	1	13.76	13.98	13.88					
100	QPSK	1	137	13.89	13.84	13.73	15.6	0.0			
100	QPSK	1	271	13.85	13.91	13.89					
100	QPSK	135	0	13.82	13.91	13.80					
100	QPSK	135	69	13.75	13.92	13.63					
100	QPSK	135	138	13.84	13.80	13.75	15.6	0.0			
100	QPSK	270	0	13.86	13.87	13.80					
100	16QAM	1	1	13.82	13.80	13.77		15.6			
100	64QAM	1	1	13.87	13.80	13.64					
100	256QAM	1	1	13.75	13.91	13.81					
Channel				648668	656000	662334	Tune-up limit (dBm)				
Frequency (MHz)				3745.02	3840	3935.01	(dB)				
90	QPSK	1	1	13.67	13.71	13.59	15.6	0.0			
Channel				649334	656000	652668	Tune-up limit (dBm)				
Frequency (MHz)				3740.01	3840	3940.02	(dB)				
80	QPSK	1	1	13.66	13.70	13.58	15.6	0.0			
Channel				649000	656000	653000	Tune-up limit (dBm)				
Frequency (MHz)				3735	3840	3945	(dB)				
70	QPSK	1	1	13.67	13.70	13.59	15.6	0.0			
Channel				648668	656000	653334	Tune-up limit (dBm)				
Frequency (MHz)				3730.02	3840	3950.01	(dB)				
60	QPSK	1	1	13.66	13.70	13.59	15.6	0.0			
Channel				648334	656000	653668	Tune-up limit (dBm)				
Frequency (MHz)				3725.01	3840	3955.02	(dB)				
50	QPSK	1	1	13.66	13.69	13.60	15.6	0.0			
Channel				648000	656000	654000	Tune-up limit (dBm)				
Frequency (MHz)				3720	3840	3960	(dB)				
40	QPSK	1	1	13.67	13.70	13.60	15.6	0.0			
Channel				647668	656000	654334	Tune-up limit (dBm)				
Frequency (MHz)				3715.02	3840	3965.01	(dB)				
30	QPSK	1	1	13.68	13.70	13.58	15.6	0.0			
Channel				647334	656000	654668	Tune-up limit (dBm)				
Frequency (MHz)				3710.01	3840	3970.02	(dB)				
20	QPSK	1	1	13.67	13.71	13.58	15.6	0.0			
Channel				647000	656000	654934	Tune-up limit (dBm)				
Frequency (MHz)				3707.52	3840	3972.51	(dB)				
15	QPSK	1	1	13.67	13.69	13.58	15.6	0.0			
Channel				647000	656000	655000	Tune-up limit (dBm)				
Frequency (MHz)				3705	3840	3975	(dB)				
10	QPSK	1	1	13.68	13.71	13.59	15.6	0.0			

PC2&3 Part270 n78 PC2 Ant 7 DSI7											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				650000							
Frequency (MHz)				3750							
100	PI/2 BPSK	1	1		13.57		15.6	0.0			
100	PI/2 BPSK	1	137		13.49						
100	PI/2 BPSK	1	271		13.66						
100	PI/2 BPSK	135	0		13.11						
100	PI/2 BPSK	135	69		13.53		15.6	0.0			
100	PI/2 BPSK	135	138		13.23						
100	PI/2 BPSK	270	0		13.55						
100	QPSK	1	1		13.84						
100	QPSK	1	137		13.69		15.6	0.0			
100	QPSK	1	271		13.76						
100	QPSK	135	0		12.66						
100	QPSK	135	69		13.71						
100	QPSK	135	138		12.90		15.6	0.0			
100	QPSK	270	0		12.88						
100	16QAM	1	1		12.84			15.6			
100	64QAM	1	1		11.39						
100	256QAM	1	1		9.54						
Channel				649668	650000	650334	Tune-up limit (dBm)				
Frequency (MHz)				3745.02	3750	3755.01	(dB)				
90	QPSK	1	1	13.59	13.74	13.66	15.6	0.0			
Channel				649334	650000	650668	Tune-up limit (dBm)				
Frequency (MHz)				3740.01	3750	3760.02	(dB)				
80	QPSK	1	1	13.58	13.74	13.67	15.6	0.0			
Channel				649000	650000	651000	Tune-up limit (dBm)				
Frequency (MHz)				3735	3750	3765	(dB)				
70	QPSK	1	1	13.59	13.75	13.65	15.6	0.0			
Channel				648668	650000	651334	Tune-up limit (dBm)				
Frequency (MHz)				3730.02	3750	3770.01	(dB)				
60	QPSK	1	1	13.58	13.75	13.66	15.6	0.0			
Channel				648334	650000	651668	Tune-up limit (dBm)				
Frequency (MHz)				3725.01	3750	3775.02	(dB)				
50	QPSK	1	1	13.57	13.74	13.67	15.6	0.0			
Channel				648000	650000	652000	Tune-up limit (dBm)				
Frequency (MHz)				3720	3750	3780	(dB)				
40	QPSK	1	1	13.58	13.74	13.65	15.6	0.0			
Channel				647668	650000	652334	Tune-up limit (dBm)				
Frequency (MHz)				3715.02	3750	3785.01	(dB)				
30	QPSK	1	1	13.59	13.75	13.66	15.6	0.0			
Channel				647334	650000	652668	Tune-up limit (dBm)				
Frequency (MHz)				3710.01	3750	3790.02	(dB)				
20	QPSK	1	1	13.59	13.76	13.66	15.6	0.0			
Channel				647000	650000	652934	Tune-up limit (dBm)				
Frequency (MHz)				3707.52	3750	3792.51	(dB)				
15	QPSK	1	1	13.58	13.76	13.67	15.6	0.0			
Channel				647000	650000	653000	Tune-up limit (dBm)				
Frequency (MHz)				3705	3750	3795	(dB)				
10	QPSK	1	1	13.57	13.74	13.66	15.6	0.0			

Part270 n77 Ant 9 DS17									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	21.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.55	19.50	19.70	21.0	0.0	
100	PI/2 BPSK	1	137	19.53	19.50	19.52			
100	PI/2 BPSK	1	271	19.44	19.52	19.53			
100	PI/2 BPSK	135	0	18.91	19.13	19.03		0.5	
100	PI/2 BPSK	135	69	19.45	19.72	19.59	21.0	0.0	
100	PI/2 BPSK	135	138	19.10	19.11	18.98			
100	PI/2 BPSK	270	0	18.98	19.09	18.99	20.5	0.5	
100	QPSK	1	1	19.53	19.85	19.84			
100	QPSK	1	137	19.41	19.46	19.47	21.0	0.0	
100	QPSK	1	271	19.42	19.78	19.50			
100	QPSK	135	0	18.88	18.66	18.79		1.0	
100	QPSK	135	69	19.49	19.58	19.57		0.0	
100	QPSK	135	138	18.56	18.65	18.54	20.0	1.0	
100	QPSK	270	0	18.38	18.44	18.36			
100	16QAM	1	1	18.76	18.63	18.59	20.0	1.0	
100	64QAM	1	1	17.03	16.97	17.07		2.5	
100	256QAM	1	1	15.02	15.20	15.09	18.5	4.5	
Channel				648668	650000	662334	21.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.43	19.76	19.54	21.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02	21.0	0.0	
80	QPSK	1	1	19.43	19.75	19.55		0.0	
Channel				649200	650000	663200			
Frequency (MHz)				3735	3840	3945	21.0	0.0	
70	QPSK	1	1	19.45	19.76	19.55		0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01	21.0	0.0	
60	QPSK	1	1	19.44	19.76	19.55		0.0	
Channel				648334	650000	663068			
Frequency (MHz)				3725.01	3840	3955.02	21.0	0.0	
50	QPSK	1	1	19.44	19.75	19.55		0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960	21.0	0.0	
40	QPSK	1	1	19.43	19.76	19.56		0.0	
Channel				647668	650000	663668			
Frequency (MHz)				3715.02	3840	3965.01	21.0	0.0	
30	QPSK	1	1	19.44	19.75	19.56		0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02	21.0	0.0	
20	QPSK	1	1	19.43	19.77	19.55		0.0	
Channel				647168	650000	664834			
Frequency (MHz)				3707.52	3840	3972.51	21.0	0.0	
15	QPSK	1	1	19.43	19.75	19.55		0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975	21.0	0.0	
10	QPSK	1	1	19.45	19.51	19.49		0.0	

Part270 n77 PC2 Ant 9 DS17									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	21.9	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	20.64	20.68	20.41	21.9	0.0	
100	PI/2 BPSK	1	137	20.65	20.72	20.52			
100	PI/2 BPSK	1	271	20.67	20.79	20.41			
100	PI/2 BPSK	135	0	20.68	20.74	20.37		0.0	
100	PI/2 BPSK	135	69	20.69	20.87	20.54	21.9	0.0	
100	PI/2 BPSK	135	138	20.70	20.79	20.50			
100	PI/2 BPSK	270	0	20.55	20.75	20.41	20.5	0.0	
100	QPSK	1	1	20.58	20.81	20.48			
100	QPSK	1	137	20.61	20.72	20.41	21.9	0.0	
100	QPSK	1	271	20.64	20.74	20.37			
100	QPSK	135	0	20.71	20.70	20.37		0.0	
100	QPSK	135	69	20.57	20.77	20.52		0.0	
100	QPSK	135	138	20.61	20.71	20.39	21.9	0.0	
100	QPSK	270	0	20.57	20.72	20.39			
100	16QAM	1	1	20.59	20.71	20.41	21.9	0.0	
100	64QAM	1	1	20.11	20.13	20.09		21.5	
100	256QAM	1	1	18.01	18.06	18.03	19.5	2.4	
Channel				648668	650000	662334	21.9	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	20.48	20.69	20.39	21.9	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02	21.9	0.0	
80	QPSK	1	1	20.49	20.68	20.39		0.0	
Channel				649000	650000	663000			
Frequency (MHz)				3735	3840	3945	21.9	0.0	
70	QPSK	1	1	20.48	20.68	20.39		0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01	21.9	0.0	
60	QPSK	1	1	20.49	20.70	20.39		0.0	
Channel				648334	650000	663668			
Frequency (MHz)				3725.01	3840	3955.02	21.9	0.0	
50	QPSK	1	1	20.50	20.69	20.38		0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960	21.9	0.0	
40	QPSK	1	1	20.49	20.68	20.40		0.0	
Channel				647668	650000	664334			
Frequency (MHz)				3715.02	3840	3965.01	21.9	0.0	
30	QPSK	1	1	20.50	20.68	20.39		0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02	21.9	0.0	
20	QPSK	1	1	20.48	20.68	20.40		0.0	
Channel				647168	650000	664834			
Frequency (MHz)				3707.52	3840	3972.51	21.9	0.0	
15	QPSK	1	1	20.48	20.68	20.39		0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975	21.9	0.0	
10	QPSK	1	1	20.49	20.69	20.39		0.0	

Part270 n78 Ant 9 DS17									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000			3750		
Frequency (MHz)									
100	PI/2 BPSK	1	1	19.37			21.0	0.0	
100	PI/2 BPSK	1	137	19.39					
100	PI/2 BPSK	1	271	19.39					
100	PI/2 BPSK	135	0	18.95			20.5	0.5	
100	PI/2 BPSK	135	69	19.55					
100	PI/2 BPSK	135	138	18.02			20.5	0.5	
100	PI/2 BPSK	270	0	19.07					
100	QPSK	1	1	19.83			21.0	0.0	
100	QPSK	1	137	19.39					
100	QPSK	1	271	19.75					
100	QPSK	135	0	18.61			20.0	1.0	
100	QPSK	135	69	19.40					
100	QPSK	135	138	18.47			20.0	1.0	
100	QPSK	270	0	18.31					
100	16QAM	1	1	18.55			20.0	1.0	
100	64QAM	1	1	18.89				2.5	
100	256QAM	1	1	15.10			18.5	4.5	
Channel				649688	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	19.70	19.73	19.73	21.0	0.0	
Channel				649334	650000	650668	Tuneup limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	19.68	19.73	19.72	21.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	19.69	19.75	19.72	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	19.70	19.73	19.71	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	19.68	19.74	19.73	21.0	0.0	
Channel				648000	650000	652000	Tuneup limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	19.70	19.73	19.73	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	19.70	19.74	19.72	21.0	0.0	
Channel				647334	650000	652668	Tuneup limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	19.69	19.73	19.71	21.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	19.70	19.75	19.71	21.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	19.68	19.71	19.69	21.0	0.0	

Part270 n78 PC2 Ant 9 DS17									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000			3750		
Frequency (MHz)									
100	PI/2 BPSK	1	1		20.50		21.9	0.0	
100	PI/2 BPSK	1	137		20.36				
100	PI/2 BPSK	1	271		20.52				
100	PI/2 BPSK	135	0		19.98		21.9	0.0	
100	PI/2 BPSK	135	69		20.36				
100	PI/2 BPSK	135	138		20.06		21.9	0.0	
100	PI/2 BPSK	270	0		20.21				
100	QPSK	1	1		20.76		21.9	0.0	
100	QPSK	1	137		20.49				
100	QPSK	1	271		20.51				
100	QPSK	135	0		19.69		21.9	0.0	
100	QPSK	135	69		20.57				
100	QPSK	135	138		19.67		21.9	0.0	
100	QPSK	270	0		19.57				
100	16QAM	1	1		19.68		21.9	0.0	
100	64QAM	1	1		20.25			21.5	
100	256QAM	1	1		18.01		19.5	2.4	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	20.59	20.66	20.53	21.9	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	20.60	20.67	20.55	21.9	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	20.60	20.68	20.55	21.9	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	20.59	20.67	20.54	21.9	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	20.59	20.68	20.55	21.9	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	20.60	20.66	20.54	21.9	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	20.59	20.68	20.55	21.9	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	20.61	20.68	20.54	21.9	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	20.59	20.67	20.54	21.9	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	20.60	20.66	20.54	21.9	0.0	

Full & Default & DS14 Power_Other Path

n41 Ant 1								
BW [MHz]	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	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.33	22.42	22.36		
100	PI/2 BPSK	1	137	22.46	22.52	22.32	24.0	0.0
100	PI/2 BPSK	1	271	22.34	22.44	22.30		
100	PI/2 BPSK	135	0	22.00	22.06	22.02	23.5	0.5
100	PI/2 BPSK	135	69	22.42	22.48	22.40	24.0	0.0
100	PI/2 BPSK	135	138	21.95	22.09	21.99	23.5	0.5
100	PI/2 BPSK	270	0	22.04	22.02	21.90		
100	QPSK	1	1	22.40	22.59	22.39		
100	QPSK	1	137	22.36	22.42	22.41	24.0	0.0
100	QPSK	1	271	22.43	22.53	22.38		
100	QPSK	135	0	21.52	21.54	21.43	23.0	1.0
100	QPSK	135	69	22.33	22.43	22.31	24.0	0.0
100	QPSK	135	138	21.47	21.54	21.46	23.0	1.0
100	QPSK	270	0	21.50	21.57	21.39		
100	16QAM	1	1	21.51	21.56	21.45	23.0	1.0
100	64QAM	1	1	19.96	20.11	20.01	21.5	2.5
100	256QAM	1	1	17.97	18.11	17.88	19.5	4.5
Channel				508200	518998	528998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	22.31	22.50	22.28	24.0	0.0
Channel				507204	518998	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	22.32	22.50	22.26	24.0	0.0
Channel				506202	518998	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	22.31	22.51	22.26	24.0	0.0
Channel				505200	518998	531998	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	22.32	22.49	22.28	24.0	0.0
Channel				504204	518998	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	22.31	22.49	22.26	24.0	0.0
Channel				503202	518998	533000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	22.31	22.49	22.27	24.0	0.0
Channel				502200	518998	534998	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	22.32	22.51	22.27	24.0	0.0
Channel				501204	518998	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	22.32	22.51	22.28	24.0	0.0
Channel				500700	518998	536498	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	22.32	22.50	22.27	24.0	0.0
Channel				500202	518998	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	22.32	22.50	22.28	24.0	0.0

n5 Ant 4								
SW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.79	22.98	22.88	24.0	0.0
20	PI/2 BPSK	1	53	22.79	22.98	22.88		
20	PI/2 BPSK	1	104	22.79	22.98	22.88		
20	PI/2 BPSK	50	0	22.37	22.53	22.44		
20	PI/2 BPSK	50	28	22.76	22.93	22.88	24.0	0.0
20	PI/2 BPSK	50	56	22.38	22.51	22.41	23.5	0.5
20	PI/2 BPSK	100	0	22.37	22.55	22.48		
20	QPSK	1	1	22.93	23.02	22.96		
20	QPSK	1	53	22.82	22.93	22.86		
20	QPSK	1	104	22.82	22.96	22.86	24.0	0.0
20	QPSK	50	0	22.00	22.09	22.00		
20	QPSK	50	28	22.86	22.07	22.81		
20	QPSK	50	56	21.99	22.02	22.00		
20	QPSK	100	0	21.99	22.07	21.96	23.0	1.0
20	16QAM	1	1	21.93	22.02	21.99	23.0	1.0
20	64QAM	1	1	20.45	20.48	20.49	21.5	2.5
20	256QAM	1	1	18.46	18.59	18.50	19.5	4.5
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.84	22.92	22.88	24.0	0.0
Channel				168800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.84	22.94	22.88	24.0	0.0
Channel				169300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.84	22.92	22.86	24.0	0.0

Part270 n77 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	24.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	22.32	22.50	22.36	24.0	0.0	
100	PI/2 BPSK	1	137	22.28	22.45	22.27			
100	PI/2 BPSK	1	271	22.35	22.53	22.24			
100	PI/2 BPSK	135	0	21.89	22.10	21.96	23.5	0.5	
100	PI/2 BPSK	135	69	22.28	22.46	22.35	24.0	0.0	
100	PI/2 BPSK	135	138	21.89	22.13	21.92	23.5	0.5	
100	PI/2 BPSK	270	0	21.97	22.11	21.86	24.0	0.0	
100	QPSK	1	1	22.41	22.57	22.31			
100	QPSK	1	137	22.39	22.53	22.25			
100	QPSK	1	271	22.31	22.47	22.32	23.0	1.0	
100	QPSK	135	0	21.44	21.53	21.46			
100	QPSK	135	69	22.30	22.40	22.28			
100	QPSK	135	138	21.38	21.59	21.37	23.0	1.0	
100	QPSK	270	0	21.38	21.57	21.38	23.0	1.0	
100	16QAM	1	1	21.52	21.58	21.46			
100	64QAM	1	1	19.91	20.11	19.94			
100	256QAM	1	1	17.88	18.12	17.94	19.5	4.5	
Channel				648668	650000	663334	24.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.32	22.49	22.22	24.0	0.0	
Channel				649334	650000	662668	24.0	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	22.33	22.47	22.22	24.0	0.0	
Channel				649000	650000	663000	24.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.33	22.48	22.21	24.0	0.0	
Channel				648668	650000	663334	24.0	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	22.32	22.49	22.22	24.0	0.0	
Channel				648334	650000	663000	24.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	22.32	22.47	22.21	24.0	0.0	
Channel				648000	650000	664000	24.0	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	22.32	22.48	22.22	24.0	0.0	
Channel				647668	650000	663334	24.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	22.33	22.47	22.21	24.0	0.0	
Channel				647334	650000	664668	24.0	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.33	22.49	22.23	24.0	0.0	
Channel				647000	650000	664334	24.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.32	22.47	22.23	24.0	0.0	
Channel				647000	650000	665000	24.0	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.33	22.47	22.23	24.0	0.0	

Part270 n77 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	27.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	25.28	25.56	25.31	27.0	0.0	
100	PI/2 BPSK	1	137	25.23	25.40	25.34			
100	PI/2 BPSK	1	271	25.29	25.47	25.26			
100	PI/2 BPSK	135	0	24.93	25.16	24.91	26.5	0.5	
100	PI/2 BPSK	135	69	25.31	25.40	25.31	27.0	0.0	
100	PI/2 BPSK	135	138	24.92	25.12	24.90	26.5	0.5	
100	PI/2 BPSK	270	0	25.03	25.15	24.89	27.0	0.0	
100	QPSK	1	1	25.44	25.61	25.31			
100	QPSK	1	137	25.39	25.57	25.29			
100	QPSK	1	271	25.30	25.51	25.27	26.0	1.0	
100	QPSK	135	0	24.37	24.56	24.48			
100	QPSK	135	69	25.29	25.46	25.30			
100	QPSK	135	138	24.42	24.56	24.31	26.0	1.0	
100	QPSK	270	0	24.43	24.55	24.41	26.0	1.0	
100	16QAM	1	1	24.59	24.60	24.40			
100	64QAM	1	1	22.96	23.08	22.89			
100	256QAM	1	1	20.85	21.15	20.87	22.5	4.5	
Channel				648668	650000	663334	27.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	25.35	25.52	25.23	27.0	0.0	
Channel				649334	650000	662668	27.0	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	25.34	25.52	25.21	27.0	0.0	
Channel				649000	650000	663000	27.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	25.36	25.52	25.22	27.0	0.0	
Channel				648668	650000	663334	27.0	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	25.34	25.53	25.21	27.0	0.0	
Channel				648334	650000	663000	27.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	25.36	25.51	25.23	27.0	0.0	
Channel				648000	650000	664000	27.0	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	25.36	25.52	25.21	27.0	0.0	
Channel				647668	650000	663334	27.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	25.36	25.53	25.23	27.0	0.0	
Channel				647334	650000	664668	27.0	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	25.34	25.51	25.23	27.0	0.0	
Channel				647000	650000	664334	27.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	25.34	25.53	25.22	27.0	0.0	
Channel				647000	650000	665000	27.0	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	25.31	25.25	25.35	27.0	0.0	

Part270 n78 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		22.35				
100	PI/2 BPSK	1	137		22.25		24.0	0.0	
100	PI/2 BPSK	1	271		22.31				
100	PI/2 BPSK	135	0		21.95		23.5	0.5	
100	PI/2 BPSK	135	69		22.32		24.0	0.0	
100	PI/2 BPSK	135	138		21.98				
100	PI/2 BPSK	270	0		21.98		23.5	0.5	
100	QPSK	1	1		22.38				
100	QPSK	1	137		22.32		24.0	0.0	
100	QPSK	1	271		22.29				
100	QPSK	135	0		21.29		23.0	1.0	
100	QPSK	135	69		22.15		24.0	0.0	
100	QPSK	135	138		21.34				
100	QPSK	270	0		21.41		23.0	1.0	
100	16QAM	1	1		21.38		23.0	1.0	
100	64QAM	1	1		19.85		21.5	2.5	
100	256QAM	1	1		17.85		19.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	22.17	22.23	22.11	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	22.17	22.24	22.09	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	22.17	22.23	22.09	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	22.15	22.23	22.09	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	22.17	22.24	22.09	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	22.17	22.25	22.09	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	22.17	22.23	22.11	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	22.15	22.23	22.09	24.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	22.15	22.23	22.09	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	22.15	22.23	22.11	24.0	0.0	

Part270 n78 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		25.35				
100	PI/2 BPSK	1	137		25.32		27.0	0.0	
100	PI/2 BPSK	1	271		25.25				
100	PI/2 BPSK	135	0		24.98		26.5	0.5	
100	PI/2 BPSK	135	69		25.37		27.0	0.0	
100	PI/2 BPSK	135	138		25.02				
100	PI/2 BPSK	270	0		24.95		26.5	0.5	
100	QPSK	1	1		25.38				
100	QPSK	1	137		25.28		27.0	0.0	
100	QPSK	1	271		25.23				
100	QPSK	135	0		24.23		26.0	1.0	
100	QPSK	135	69		25.12		27.0	0.0	
100	QPSK	135	138		24.30				
100	QPSK	270	0		24.48		26.0	1.0	
100	16QAM	1	1		24.42		26.0	1.0	
100	64QAM	1	1		22.83		24.5	2.5	
100	256QAM	1	1		20.85		22.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	25.17	25.27	25.13	27.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	25.17	25.27	25.13	27.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	25.16	25.26	25.11	27.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	25.16	25.27	25.12	27.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	25.15	25.27	25.11	27.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	25.17	25.26	25.13	27.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	25.16	25.28	25.13	27.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	25.15	25.27	25.12	27.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	25.16	25.26	25.11	27.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	25.17	25.28	25.12	27.0	0.0	

Reduced Power Mode for DSI2_Other Path

n41 Ant 1								
BW [MHz]	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	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.33	22.42	22.36		
100	PI/2 BPSK	1	137	22.46	22.92	22.32	24.0	0.0
100	PI/2 BPSK	1	271	22.34	22.44	22.30		
100	PI/2 BPSK	135	0	22.00	22.06	22.02	23.5	0.5
100	PI/2 BPSK	135	69	22.42	22.48	22.40	24.0	0.0
100	PI/2 BPSK	135	138	21.95	22.09	21.99	23.5	0.5
100	PI/2 BPSK	270	0	22.04	22.02	21.90		
100	QPSK	1	1	22.40	22.98	22.36		
100	QPSK	1	137	22.36	22.42	22.41	24.0	0.0
100	QPSK	1	271	22.43	22.53	22.38		
100	QPSK	135	0	21.52	21.54	21.43	23.0	1.0
100	QPSK	135	69	22.33	22.43	22.31	24.0	0.0
100	QPSK	135	138	21.47	21.54	21.46	23.0	1.0
100	QPSK	270	0	21.50	21.57	21.39		
100	16QAM	1	1	21.51	21.58	21.45	23.0	1.0
100	64QAM	1	1	19.98	20.11	20.01	21.5	2.5
100	256QAM	1	1	17.97	18.11	17.88	19.5	4.5
Channel				508200	518998	528998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.31	22.50	22.28	24.0	0.0
Channel				527204	518998	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.32	22.50	22.26	24.0	0.0
Channel				506202	518998	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.31	22.51	22.26	24.0	0.0
Channel				505200	518998	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.32	22.49	22.28	24.0	0.0
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.31	22.49	22.26	24.0	0.0
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.31	22.49	22.27	24.0	0.0
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.32	22.51	22.27	24.0	0.0
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.32	22.51	22.28	24.0	0.0
Channel				500700	518998	536998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.32	22.50	22.27	24.0	0.0
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.32	22.50	22.28	24.0	0.0

n5 Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				16800	167400	167800		
Frequency (MHz)				834	838.5	839		
20	PI/2 BPSK	1	1	21.64	21.73	21.64		
20	PI/2 BPSK	1	53	21.57	21.64	21.67	23.2	0.0
20	PI/2 BPSK	1	104	21.61	21.70	21.59		
20	PI/2 BPSK	50	0	21.63	21.74	21.61	23.2	0.0
20	PI/2 BPSK	50	28	21.64	21.62	21.65	23.2	0.0
20	PI/2 BPSK	50	56	21.62	21.70	21.61		
20	PI/2 BPSK	100	0	21.63	21.64	21.67	23.2	0.0
20	QPSK	1	1	21.52	21.75	21.62		
20	QPSK	1	53	21.51	21.72	21.68	23.2	0.0
20	QPSK	1	104	21.59	21.67	21.57		
20	QPSK	50	0	21.30	21.45	21.44	23.0	0.2
20	QPSK	50	28	21.61	21.69	21.63	23.2	0.0
20	QPSK	50	56	21.28	21.49	21.45		
20	QPSK	100	0	21.30	21.53	21.46	23.0	0.2
20	16QAM	1	1	21.58	21.74	21.57	23.0	0.2
20	64QAM	1	1	19.85	19.94	19.99	21.5	1.7
20	256QAM	1	1	17.81	18.00	17.91	19.5	3.7
Channel				168300	167400	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	838.5	841.5		
15	QPSK	1	1	21.43	21.59	21.53	23.2	0.0
Channel				168800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	838.5	844		
10	QPSK	1	1	21.44	21.59	21.54	23.2	0.0
Channel				169300	167200	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	838.5	846.5		
5	QPSK	1	1	21.42	21.59	21.54	23.2	0.0

PC2&3 Part270 n77 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	19.3	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	17.70	17.85	17.56	19.3	0.0	
100	PI/2 BPSK	1	137	17.74	17.90	17.67			
100	PI/2 BPSK	1	271	17.70	17.87	17.57			
100	PI/2 BPSK	135	0	17.80	17.88	17.61			
100	PI/2 BPSK	135	69	17.76	17.90	17.54	19.3	0.0	
100	PI/2 BPSK	135	138	17.75	17.93	17.54			
100	PI/2 BPSK	270	0	17.74	17.93	17.57			
100	QPSK	1	1	17.77	17.98	17.56			
100	QPSK	1	137	17.67	17.95	17.55	19.3	0.0	
100	QPSK	1	271	17.76	17.93	17.64			
100	QPSK	135	0	17.80	17.89	17.56			
100	QPSK	135	69	17.77	17.95	17.67			
100	QPSK	135	138	17.71	17.90	17.60	19.3	0.0	
100	QPSK	270	0	17.79	17.88	17.63			
100	16QAM	1	1	17.68	17.90	17.68		19.3	
100	64QAM	1	1	17.77	17.88	17.60			
100	256QAM	1	1	17.81	17.90	17.57	19.3	0.0	
Channel				648668	650000	663334	19.3	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	17.69	17.88	17.48	19.3	0.0	
Channel				649334	650000	662668	19.3	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	17.67	17.90	17.47	19.3	0.0	
Channel				649200	650000	663000	19.3	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	17.68	17.88	17.46	19.3	0.0	
Channel				648668	650000	663334	19.3	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	17.68	17.90	17.47	19.3	0.0	
Channel				648334	650000	663668	19.3	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	17.68	17.89	17.47	19.3	0.0	
Channel				648000	650000	664000	19.3	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	17.68	17.90	17.47	19.3	0.0	
Channel				647668	650000	663334	19.3	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	17.68	17.90	17.46	19.3	0.0	
Channel				647334	650000	664668	19.3	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	17.69	17.88	17.48	19.3	0.0	
Channel				647168	650000	664834	19.3	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	17.68	17.90	17.47	19.3	0.0	
Channel				647000	650000	665000	19.3	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	17.69	17.88	17.48	19.3	0.0	

PC2&3 Part270 n78 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	19.3	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	17.64	17.79	17.56	19.3	0.0	
100	PI/2 BPSK	1	137	17.79	17.90	17.67			
100	PI/2 BPSK	1	271	17.72	17.87	17.57			
100	PI/2 BPSK	135	0	17.70	17.88	17.61			
100	PI/2 BPSK	135	69	17.69	17.90	17.54	19.3	0.0	
100	PI/2 BPSK	135	138	17.72	17.93	17.54			
100	PI/2 BPSK	270	0	17.75	17.93	17.57			
100	QPSK	1	1	17.85	17.98	17.56			
100	QPSK	1	137	17.77	17.95	17.55	19.3	0.0	
100	QPSK	1	271	17.72	17.93	17.64			
100	QPSK	135	0	17.80	17.89	17.56			
100	QPSK	135	69	17.82	17.95	17.67			
100	QPSK	135	138	17.72	17.90	17.60	19.3	0.0	
100	QPSK	270	0	17.67	17.88	17.63			
100	16QAM	1	1	17.68	17.90	17.68		19.3	
100	64QAM	1	1	17.71	17.88	17.60			
100	256QAM	1	1	17.79	17.90	17.57	19.3	0.0	
Channel				649668	650000	663334	19.3	0.0	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	17.65	17.77	17.71	19.3	0.0	
Channel				649334	650000	663668	19.3	0.0	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	17.66	17.76	17.73	19.3	0.0	
Channel				649000	650000	664000	19.3	0.0	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	17.66	17.75	17.73	19.3	0.0	
Channel				648668	650000	664334	19.3	0.0	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	17.66	17.77	17.73	19.3	0.0	
Channel				648334	650000	664668	19.3	0.0	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	17.66	17.77	17.73	19.3	0.0	
Channel				648000	650000	665000	19.3	0.0	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	17.66	17.76	17.72	19.3	0.0	
Channel				647668	650000	665334	19.3	0.0	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	17.67	17.77	17.73	19.3	0.0	
Channel				647334	650000	665668	19.3	0.0	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	17.65	17.76	17.73	19.3	0.0	
Channel				647168	650000	665834	19.3	0.0	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	17.65	17.77	17.71	19.3	0.0	
Channel				647000	650000	666000	19.3	0.0	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	17.65	17.77	17.72	19.3	0.0	

Reduced Power Mode for DSI3_Other Path

n41 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	19.95	20.06	19.84			
100	PI/2 BPSK	1	137	19.92	20.10	19.91	21.7	0.0	
100	PI/2 BPSK	1	271	19.96	20.03	19.82			
100	PI/2 BPSK	135	0	19.84	20.04	19.92	21.7	0.0	
100	PI/2 BPSK	135	69	19.84	20.13	19.92	21.7	0.0	
100	PI/2 BPSK	135	138	19.92	20.04	19.97			
100	PI/2 BPSK	270	0	19.96	20.12	19.86	21.7	0.0	
100	QPSK	1	1	19.89	20.15	19.90			
100	QPSK	1	137	19.85	20.05	19.86	21.7	0.0	
100	QPSK	1	271	19.84	20.08	19.90			
100	QPSK	135	0	19.87	20.03	19.86	21.7	0.0	
100	QPSK	135	69	19.96	20.14	19.82	21.7	0.0	
100	QPSK	135	138	19.87	20.06	19.88	21.7	0.0	
100	QPSK	270	0	19.95	20.16	19.81			
100	16QAM	1	1	19.83	20.11	19.92	21.7	0.0	
100	64QAM	1	1	19.89	20.03	19.99	21.7	0.0	
100	256QAM	1	1	17.88	18.14	17.81	19.5	2.2	
Channel				508200	518598	528998	Tune-up limit	MPR	
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)	
90	QPSK	1	1	19.81	20.05	19.82	21.7	0.0	
Channel				507204	518598	529998	Tune-up limit	MPR	
Frequency (MHz)				2530.02	2592.99	2649.98	(dBm)	(dB)	
80	QPSK	1	1	19.80	20.05	19.82	21.7	0.0	
Channel				506202	518598	531000	Tune-up limit	MPR	
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)	
70	QPSK	1	1	19.79	20.07	19.81	21.7	0.0	
Channel				505200	518598	531998	Tune-up limit	MPR	
Frequency (MHz)				2520	2592.99	2659.98	(dBm)	(dB)	
60	QPSK	1	1	19.80	20.05	19.80	21.7	0.0	
Channel				504204	518598	532998	Tune-up limit	MPR	
Frequency (MHz)				2521.02	2592.99	2664.98	(dBm)	(dB)	
50	QPSK	1	1	19.80	20.05	19.82	21.7	0.0	
Channel				503202	518598	534000	Tune-up limit	MPR	
Frequency (MHz)				2515.01	2592.99	2670	(dBm)	(dB)	
40	QPSK	1	1	19.80	20.05	19.82	21.7	0.0	
Channel				502200	518598	534998	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	19.79	20.07	19.81	21.7	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2500.02	2592.99	2679.98	(dBm)	(dB)	
20	QPSK	1	1	19.81	20.07	19.82	21.7	0.0	
Channel				500700	518598	536498	Tune-up limit	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)	
15	QPSK	1	1	19.81	20.05	19.81	21.7	0.0	
Channel				500202	518598	537000	Tune-up limit	MPR	
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)	
10	QPSK	1	1	19.80	20.07	19.82	21.7	0.0	

n5 Ant 4								
SW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167400	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.64	21.73	21.64		
20	PI/2 BPSK	1	53	21.57	21.64	21.67	23.2	0.0
20	PI/2 BPSK	1	104	21.61	21.70	21.59		
20	PI/2 BPSK	50	0	21.63	21.74	21.61	23.2	0.0
20	PI/2 BPSK	50	28	21.64	21.62	21.65	23.2	0.0
20	PI/2 BPSK	50	56	21.62	21.70	21.61		
20	PI/2 BPSK	100	0	21.63	21.64	21.67	23.2	0.0
20	QPSK	1	1	21.52	21.75	21.62		
20	QPSK	1	53	21.51	21.72	21.68	23.2	0.0
20	QPSK	1	104	21.59	21.67	21.57		
20	QPSK	50	0	21.30	21.45	21.44	23.0	0.2
20	QPSK	50	28	21.61	21.69	21.63	23.2	0.0
20	QPSK	50	56	21.28	21.49	21.45		
20	QPSK	100	0	21.30	21.53	21.46	23.0	0.2
20	16QAM	1	1	21.58	21.74	21.57	23.0	0.2
20	64QAM	1	1	19.85	19.94	19.99	21.5	1.7
20	256QAM	1	1	17.81	18.00	17.91	19.5	3.7
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.43	21.59	21.53	23.2	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.44	21.59	21.54	23.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.42	21.59	21.54	23.2	0.0

PC2&3 Part270 n77 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	660000	662000	3750		
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	15.95	15.86	15.94	17.7	0.0	
100	PI/2 BPSK	1	137	15.87	15.97	15.88			
100	PI/2 BPSK	1	271	15.87	15.94	15.85			
100	PI/2 BPSK	135	0	15.92	15.85	15.90			
100	PI/2 BPSK	135	69	15.86	15.95	15.87	17.7	0.0	
100	PI/2 BPSK	135	138	15.87	15.87	15.96			
100	PI/2 BPSK	270	0	15.93	15.92	15.95			
100	QPSK	1	1	15.93	15.99	15.94			
100	QPSK	1	137	15.95	15.86	15.86	17.7	0.0	
100	QPSK	1	271	15.91	15.86	15.86			
100	QPSK	135	0	15.80	15.86	15.81			
100	QPSK	135	69	15.83	15.87	15.83			
100	QPSK	135	138	15.85	15.81	15.86	17.7	0.0	
100	QPSK	270	0	15.95	15.96	15.80			
100	16QAM	1	1	15.84	15.86	15.95		17.7	
100	64QAM	1	1	15.92	15.92	15.95			
100	256QAM	1	1	15.96	15.96	15.87			
Channel				648668	660000	662334	3745.02	Tune-up limit (dBm)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	15.85	15.90	15.85	17.7	0.0	
Channel				649334	660000	662668	3740.01	Tune-up limit (dBm)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	15.83	15.90	15.85	17.7	0.0	
Channel				649000	660000	663000	3735	Tune-up limit (dBm)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	15.83	15.91	15.86	17.7	0.0	
Channel				648668	660000	663334	3730.02	Tune-up limit (dBm)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	15.84	15.90	15.86	17.7	0.0	
Channel				648334	660000	663668	3725.01	Tune-up limit (dBm)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	15.85	15.89	15.85	17.7	0.0	
Channel				648000	660000	664000	3720	Tune-up limit (dBm)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	15.84	15.89	15.84	17.7	0.0	
Channel				647668	660000	664334	3715.02	Tune-up limit (dBm)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	15.85	15.91	15.86	17.7	0.0	
Channel				647334	660000	664668	3710.01	Tune-up limit (dBm)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	15.85	15.90	15.86	17.7	0.0	
Channel				647000	660000	665000	3707.52	Tune-up limit (dBm)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	15.83	15.91	15.86	17.7	0.0	
Channel				647000	660000	665000	3705	Tune-up limit (dBm)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	15.85	15.90	15.84	17.7	0.0	

PC2&3 Part270 n78 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	660000	662000	3750		
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1			15.73	17.7	0.0	
100	PI/2 BPSK	1	137			15.88			
100	PI/2 BPSK	1	271			15.73			
100	PI/2 BPSK	135	0			15.80			
100	PI/2 BPSK	135	69			15.81	17.7	0.0	
100	PI/2 BPSK	135	138			15.76			
100	PI/2 BPSK	270	0			15.76			
100	QPSK	1	1			15.95			
100	QPSK	1	137			15.73	17.7	0.0	
100	QPSK	1	271			15.81			
100	QPSK	135	0			15.72			
100	QPSK	135	69			15.75			
100	QPSK	135	138			15.71	17.7	0.0	
100	QPSK	270	0			15.71			
100	16QAM	1	1			15.77		17.7	
100	64QAM	1	1			15.84			
100	256QAM	1	1			15.84			
Channel				648668	650000	660334	3745.02	Tune-up limit (dBm)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	15.74	15.86	15.72	17.7	0.0	
Channel				649334	650000	660668	3740.01	Tune-up limit (dBm)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	15.75	15.85	15.72	17.7	0.0	
Channel				649000	650000	661000	3735	Tune-up limit (dBm)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	15.74	15.87	15.73	17.7	0.0	
Channel				648668	650000	661334	3730.02	Tune-up limit (dBm)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	15.75	15.87	15.72	17.7	0.0	
Channel				648334	650000	661668	3725.01	Tune-up limit (dBm)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	15.73	15.85	15.72	17.7	0.0	
Channel				648000	650000	662000	3720	Tune-up limit (dBm)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	15.73	15.85	15.72	17.7	0.0	
Channel				647668	650000	662334	3715.02	Tune-up limit (dBm)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	15.73	15.85	15.72	17.7	0.0	
Channel				647334	650000	662668	3710.01	Tune-up limit (dBm)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	15.75	15.85	15.71	17.7	0.0	
Channel				647000	650000	662934	3707.52	Tune-up limit (dBm)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	15.74	15.87	15.73	17.7	0.0	
Channel				647000	650000	663000	3705	Tune-up limit (dBm)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	15.74	15.87	15.71	17.7	0.0	

Reduced Power Mode for DSI6_Other Path

n41 Ant 1								
BW [MHz]	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)				509202	518998	528000		
100	PI/2 BPSK	1	1	21.61	21.89	21.63		
100	PI/2 BPSK	1	137	21.64	21.77	21.66	23.2	0.0
100	PI/2 BPSK	1	271	21.65	21.79	21.60		
100	PI/2 BPSK	135	0	21.60	21.87	21.66	23.2	0.0
100	PI/2 BPSK	135	69	21.65	21.90	21.62	23.2	0.0
100	PI/2 BPSK	135	138	21.61	21.83	21.59	23.2	0.0
100	PI/2 BPSK	270	0	21.64	21.91	21.65	23.2	0.0
100	QPSK	1	1	21.70	21.85	21.62		
100	QPSK	1	137	21.62	21.86	21.61	23.2	0.0
100	QPSK	1	271	21.62	21.77	21.66		
100	QPSK	135	0	21.42	21.69	21.36	23.0	0.2
100	QPSK	135	69	21.70	21.77	21.68	23.2	0.0
100	QPSK	135	138	21.48	21.61	21.44		
100	QPSK	270	0	21.39	21.63	21.42	23.0	0.2
100	16QAM	1	1	21.39	21.72	21.35	23.0	0.2
100	64QAM	1	1	19.92	20.17	19.88	21.5	1.7
100	256QAM	1	1	17.90	18.16	17.86	19.5	3.7
Channel								
Frequency (MHz)				508200	518998	526998	Tune-up limit	MPR
				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	21.54	21.78	21.52	23.2	0.0
Channel								
Frequency (MHz)				507204	518998	529998	Tune-up limit	MPR
				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	21.52	21.77	21.52	23.2	0.0
Channel								
Frequency (MHz)				506202	518998	531000	Tune-up limit	MPR
				2531.01	2592.99	2605	(dBm)	(dB)
70	QPSK	1	1	21.52	21.78	21.53	23.2	0.0
Channel								
Frequency (MHz)				505200	518998	531998	Tune-up limit	MPR
				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	21.53	21.76	21.53	23.2	0.0
Channel								
Frequency (MHz)				504204	518998	532998	Tune-up limit	MPR
				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	21.53	21.77	21.51	23.2	0.0
Channel								
Frequency (MHz)				503202	518998	534000	Tune-up limit	MPR
				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	21.54	21.78	21.51	23.2	0.0
Channel								
Frequency (MHz)				502200	518998	534998	Tune-up limit	MPR
				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	21.52	21.77	21.53	23.2	0.0
Channel								
Frequency (MHz)				501204	518998	535998	Tune-up limit	MPR
				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	21.54	21.76	21.51	23.2	0.0
Channel								
Frequency (MHz)				500700	518998	536498	Tune-up limit	MPR
				2403.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	21.52	21.78	21.53	23.2	0.0
Channel								
Frequency (MHz)				500202	518998	537000	Tune-up limit	MPR
				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	21.54	21.76	21.51	23.2	0.0

n5 Ant 4								
SW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.79	22.98	22.88	24.0	0.0
20	PI/2 BPSK	1	53	22.79	22.98	22.88		
20	PI/2 BPSK	1	104	22.79	22.98	22.88		
20	PI/2 BPSK	50	0	22.37	22.53	22.44		
20	PI/2 BPSK	50	28	22.76	22.93	22.88	24.0	0.0
20	PI/2 BPSK	50	56	22.38	22.51	22.41	23.5	0.5
20	PI/2 BPSK	100	0	22.37	22.55	22.48		
20	QPSK	1	1	22.93	23.02	22.96		
20	QPSK	1	53	22.82	22.93	22.86		
20	QPSK	1	104	22.82	22.96	22.86	24.0	0.0
20	QPSK	50	0	22.00	22.09	22.00		
20	QPSK	50	28	22.86	22.07	22.81		
20	QPSK	50	56	21.99	22.02	22.00		
20	QPSK	100	0	21.99	22.07	21.96	23.0	1.0
20	16QAM	1	1	21.93	22.02	21.99	23.0	1.0
20	64QAM	1	1	20.45	20.48	20.49	21.5	2.5
20	256QAM	1	1	18.46	18.59	18.50	19.5	4.5
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.84	22.92	22.88	24.0	0.0
Channel				168800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.84	22.84	22.88	24.0	0.0
Channel				169300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.84	22.92	22.86	24.0	0.0

PC2&3 Part270 n77 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	660000	662000	20.6	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.89	19.01	18.71	20.6	0.0
100	PI/2 BPSK	1	137	18.83	19.01	18.72		
100	PI/2 BPSK	1	271	18.83	19.00	18.69		
100	PI/2 BPSK	135	0	18.81	18.98	18.66		
100	PI/2 BPSK	135	69	18.78	18.98	18.69	20.6	0.0
100	PI/2 BPSK	135	138	18.85	18.98	18.66	20.6	0.0
100	PI/2 BPSK	270	0	18.84	19.08	18.69		
100	QPSK	1	1	18.90	19.11	18.73	20.6	0.0
100	QPSK	1	137	18.87	19.00	18.66		
100	QPSK	1	271	18.90	18.95	18.77		
100	QPSK	135	0	18.85	19.06	18.75		
100	QPSK	135	69	18.90	19.07	18.77	20.6	0.0
100	QPSK	135	138	18.82	19.03	18.70	20.6	0.0
100	QPSK	270	0	18.78	19.00	18.66		
100	16QAM	1	1	18.88	18.96	18.71	20.6	0.0
100	64QAM	1	1	18.85	18.99	18.74	20.6	0.0
100	256QAM	1	1	18.83	18.95	18.75	20.6	0.0
Channel				649668	660000	662334	20.6	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.82	19.02	18.63	20.6	0.0
Channel				649334	660000	662668	20.6	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.81	19.03	18.64	20.6	0.0
Channel				649000	660000	663000	20.6	0.0
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.81	19.02	18.65	20.6	0.0
Channel				648668	660000	663334	20.6	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.80	19.01	18.63	20.6	0.0
Channel				648334	660000	663668	20.6	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.80	19.02	18.65	20.6	0.0
Channel				648000	660000	664000	20.6	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.81	19.03	18.63	20.6	0.0
Channel				647668	660000	664334	20.6	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.80	19.03	18.64	20.6	0.0
Channel				647334	660000	664668	20.6	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.81	19.01	18.64	20.6	0.0
Channel				647000	660000	665000	20.6	0.0
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.81	19.01	18.63	20.6	0.0
Channel				647000	660000	665000	20.6	0.0
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.81	19.01	18.63	20.6	0.0

PC2&3Part270 n78 PC2 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	660000	662000	20.6	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.90	19.01	18.71	20.6	0.0
100	PI/2 BPSK	1	137	18.89	19.01	18.72		
100	PI/2 BPSK	1	271	18.83	19.00	18.69		
100	PI/2 BPSK	135	0	18.93	19.01	18.66		
100	PI/2 BPSK	135	69	18.83	19.01	18.69	20.6	0.0
100	PI/2 BPSK	135	138	18.94	19.01	18.66	20.6	0.0
100	PI/2 BPSK	270	0	18.93	19.01	18.66		
100	QPSK	1	1	18.95	19.05	18.73	20.6	0.0
100	QPSK	1	137	18.90	19.01	18.72		
100	QPSK	1	271	18.92	19.00	18.69		
100	QPSK	135	0	18.92	19.01	18.66		
100	QPSK	135	69	18.93	19.01	18.69	20.6	0.0
100	QPSK	135	138	18.91	19.01	18.66	20.6	0.0
100	QPSK	270	0	18.85	19.01	18.66		
100	16QAM	1	1	18.83	19.01	18.66	20.6	0.0
100	64QAM	1	1	18.89	19.01	18.66	20.6	0.0
100	256QAM	1	1	18.91	19.01	18.66	20.6	0.0
Channel				649668	660000	660334	20.6	0.0
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.92	18.97	18.86	20.6	0.0
Channel				649334	660000	660668	20.6	0.0
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.92	18.99	18.87	20.6	0.0
Channel				649000	660000	661000	20.6	0.0
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.93	18.97	18.86	20.6	0.0
Channel				648668	660000	661334	20.6	0.0
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.93	18.97	18.85	20.6	0.0
Channel				648334	660000	661668	20.6	0.0
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.91	18.96	18.85	20.6	0.0
Channel				648000	660000	662000	20.6	0.0
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.93	18.99	18.85	20.6	0.0
Channel				647668	660000	662334	20.6	0.0
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.91	18.97	18.85	20.6	0.0
Channel				647334	660000	662668	20.6	0.0
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.92	18.97	18.86	20.6	0.0
Channel				647000	660000	662934	20.6	0.0
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.91	18.96	18.85	20.6	0.0
Channel				647000	660000	663000	20.6	0.0
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.91	18.96	18.85	20.6	0.0

Reduced Power Mode for DSI7_Other Path

n41 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.95	20.06	19.84		
100	PI/2 BPSK	1	137	19.92	20.10	19.91	21.7	0.0
100	PI/2 BPSK	1	271	19.95	20.03	19.82		
100	PI/2 BPSK	135	0	19.84	20.04	19.92	21.7	0.0
100	PI/2 BPSK	135	69	19.84	20.13	19.92	21.7	0.0
100	PI/2 BPSK	135	138	19.92	20.04	19.87		
100	PI/2 BPSK	270	0	19.95	20.12	19.95	21.7	0.0
100	QPSK	1	1	19.89	20.15	19.90		
100	QPSK	1	137	19.85	20.05	19.86	21.7	0.0
100	QPSK	1	271	19.84	20.08	19.90		
100	QPSK	135	0	19.87	20.03	19.86	21.7	0.0
100	QPSK	135	69	19.96	20.14	19.82	21.7	0.0
100	QPSK	135	138	19.87	20.06	19.88		
100	QPSK	270	0	19.95	20.16	19.81	21.7	0.0
100	16QAM	1	1	19.83	20.11	19.92	21.7	0.0
100	64QAM	1	1	19.88	20.03	19.89	21.7	0.0
100	256QAM	1	1	17.88	18.14	17.81	19.5	2.2
Channel				506200	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.81	20.05	19.82	21.7	0.0
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.80	20.05	19.82	21.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.79	20.07	19.81	21.7	0.0
Channel				506200	518998	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.80	20.05	19.80	21.7	0.0
Channel				504204	518598	530998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2654.99		
50	QPSK	1	1	19.80	20.05	19.82	21.7	0.0
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.80	20.05	19.82	21.7	0.0
Channel				502200	518598	530998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.79	20.07	19.81	21.7	0.0
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.98		
20	QPSK	1	1	19.81	20.07	19.82	21.7	0.0
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.81	20.05	19.81	21.7	0.0
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.80	20.07	19.82	21.7	0.0

n5 Ant 4								
SW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	838.5	839		
20	PI/2 BPSK	1	1	19.78	19.95	19.87		
20	PI/2 BPSK	1	53	19.84	19.94	19.83	21.4	0.0
20	PI/2 BPSK	1	104	19.76	19.91	19.92		
20	PI/2 BPSK	50	0	19.86	19.90	19.85	21.4	0.0
20	PI/2 BPSK	50	28	19.89	19.96	19.89	21.4	0.0
20	PI/2 BPSK	50	56	19.83	19.87	19.86		
20	PI/2 BPSK	100	0	19.86	19.93	19.81	21.4	0.0
20	QPSK	1	1	19.86	19.99	19.96		
20	QPSK	1	53	19.85	19.87	19.79	21.4	0.0
20	QPSK	1	104	19.86	19.91	19.88		
20	QPSK	50	0	19.88	19.97	19.84	21.4	0.0
20	QPSK	50	28	19.78	19.94	19.91	21.4	0.0
20	QPSK	50	56	19.89	19.86	19.85		
20	QPSK	100	0	19.85	19.89	19.82	21.4	0.0
20	16QAM	1	1	19.76	19.93	19.87	21.4	0.0
20	64QAM	1	1	19.87	19.95	19.91	21.4	0.0
20	256QAM	1	1	17.88	18.00	17.90	19.5	1.9
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	838.5	841.5		
15	QPSK	1	1	19.77	19.91	19.78	21.4	0.0
Channel				168800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	838.5	844		
10	QPSK	1	1	19.76	19.91	19.77	21.4	0.0
Channel				169300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	838.5	846.5		
5	QPSK	1	1	19.77	19.89	19.76	21.4	0.0

Part270 n77 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	652000	16.7	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	14.94	15.00	15.02	16.7	0.0	
100	PI/2 BPSK	1	137	15.01	14.95	14.95			
100	PI/2 BPSK	1	271	14.92	15.00	14.91			
100	PI/2 BPSK	135	0	14.90	14.98	15.02			
100	PI/2 BPSK	135	69	14.96	14.95	15.00	16.7	0.0	
100	PI/2 BPSK	135	138	15.03	14.98	14.96			
100	PI/2 BPSK	270	0	15.01	14.97	14.91			
100	QPSK	1	1	14.99	15.09	15.04			
100	QPSK	1	137	15.01	14.97	14.97	16.7	0.0	
100	QPSK	1	271	15.01	15.06	14.96			
100	QPSK	135	0	14.97	15.01	15.05			
100	QPSK	135	69	14.96	15.07	14.91			
100	QPSK	135	138	15.01	15.01	14.96	16.7	0.0	
100	QPSK	270	0	14.97	15.07	15.05			
100	16QAM	1	1	14.96	15.02	15.03		16.7	
100	64QAM	1	1	15.02	15.05	15.01			
100	256QAM	1	1	14.90	14.95	14.95	16.7	0.0	
Channel				648668	650000	652334	16.7	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	14.90	15.00	14.94	16.7	0.0	
Channel				649334	650000	652668	16.7	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	14.91	14.99	14.94	16.7	0.0	
Channel				649000	650000	653000	16.7	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	14.90	14.99	14.96	16.7	0.0	
Channel				648668	650000	653334	16.7	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	14.91	15.01	14.95	16.7	0.0	
Channel				648334	650000	653668	16.7	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	14.89	14.99	14.96	16.7	0.0	
Channel				648000	650000	654000	16.7	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	14.89	15.01	14.95	16.7	0.0	
Channel				647668	650000	654334	16.7	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	14.90	15.01	14.95	16.7	0.0	
Channel				647334	650000	654668	16.7	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	14.89	15.00	14.95	16.7	0.0	
Channel				647000	650000	655000	16.7	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	14.89	15.00	14.96	16.7	0.0	
Channel				647000	650000	655000	16.7	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	14.90	15.00	14.94	16.7	0.0	

Part270 n78 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	652000	16.7	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	14.80			16.7	0.0	
100	PI/2 BPSK	1	137	14.78					
100	PI/2 BPSK	1	271	14.83					
100	PI/2 BPSK	135	0	14.89					
100	PI/2 BPSK	135	69	14.87			16.7	0.0	
100	PI/2 BPSK	135	138	14.85					
100	PI/2 BPSK	270	0	14.79					
100	QPSK	1	1	14.87					
100	QPSK	1	137	14.86			16.7	0.0	
100	QPSK	1	271	14.95					
100	QPSK	135	0	14.83					
100	QPSK	135	69	14.85					
100	QPSK	135	138	14.81			16.7	0.0	
100	QPSK	270	0	14.85					
100	16QAM	1	1	14.89				16.7	
100	64QAM	1	1	14.91					
100	256QAM	1	1	14.79			16.7	0.0	
Channel				648668	650000	652334	16.7	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	14.86	14.88	14.80	16.7	0.0	
Channel				649334	650000	652668	16.7	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	14.85	14.89	14.81	16.7	0.0	
Channel				649000	650000	653000	16.7	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	14.86	14.88	14.81	16.7	0.0	
Channel				648668	650000	653334	16.7	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	14.87	14.87	14.80	16.7	0.0	
Channel				648334	650000	653668	16.7	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	14.87	14.87	14.80	16.7	0.0	
Channel				648000	650000	652000	16.7	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	14.85	14.87	14.79	16.7	0.0	
Channel				647668	650000	652334	16.7	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	14.85	14.88	14.80	16.7	0.0	
Channel				647334	650000	652668	16.7	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	14.85	14.87	14.79	16.7	0.0	
Channel				647000	650000	652668	16.7	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	14.85	14.88	14.81	16.7	0.0	
Channel				647000	650000	653000	16.7	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	14.85	14.87	14.79	16.7	0.0	

		Q1-24 Results				Q2-24 Results				Q3-24 Results				Q4-24 Results				Q1-25 Results				Q2-25 Results				Total 2024-2025
		Q1-24 Financial Performance		Q1-24 Operational Metrics		Q2-24 Financial Performance		Q2-24 Operational Metrics		Q3-24 Financial Performance		Q3-24 Operational Metrics		Q4-24 Financial Performance		Q4-24 Operational Metrics		Q1-25 Financial Performance		Q1-25 Operational Metrics		Q2-25 Financial Performance		Q2-25 Operational Metrics		
Region	Market	Revenue	Profit	Margin	Units	Revenue	Profit	Margin	Units	Revenue	Profit	Margin	Units	Revenue	Profit	Margin	Units	Revenue	Profit	Margin	Units	Revenue	Profit	Margin	Units	
		(\$M)	(\$M)	(%)	(K)	(\$M)	(\$M)	(%)	(K)	(\$M)	(\$M)	(%)	(K)	(\$M)	(\$M)	(%)	(K)	(\$M)	(\$M)	(%)	(K)	(\$M)	(\$M)	(%)	(K)	
North America	NA - US	1200	240	20%	12000	1300	260	20%	13000	1400	280	20%	14000	1500	300	20%	15000	1600	320	20%	16000	1700	340	21%	17000	17000
	NA - Canada	800	160	20%	8000	850	170	20%	8500	900	180	20%	9000	950	190	20%	9500	1000	200	20%	10000	1050	210	21%	10500	8000
	NA - Mexico	600	120	20%	6000	650	130	20%	6500	700	140	20%	7000	750	150	20%	7500	800	160	20%	8000	850	170	20%	8500	6000
	NA - Central US	400	80	20%	4000	450	90	20%	4500	500	100	20%	5000	550	110	20%	5500	600	120	20%	6000	650	130	20%	6500	4000
	NA - South US	200	40	20%	2000	250	50	20%	2500	300	60	20%	3000	350	70	20%	3500	400	80	20%	4000	450	90	20%	4500	2000
	NA - West US	100	20	20%	1000	150	30	20%	1500	200	40	20%	2000	250	50	20%	2500	300	60	20%	3000	350	70	20%	3500	1000
	NA - Midwest US	50	10	20%	500	75	15	20%	750	100	20	20%	1000	125	25	20%	1250	150	30	20%	1500	175	35	20%	1750	500
	NA - Northeast US	25	5	20%	250	37	7	20%	375	50	10	20%	500	75	15	20%	750	100	20	20%	1000	150	30	20%	1500	250
	NA - Southeast US	12	2	20%	120	18	4	20%	180	25	5	20%	250	37	7	20%	375	50	10	20%	500	75	15	20%	750	125
	NA - Southwest US	6	1	20%	60	9	2	20%	90	12	2	20%	120	18	4	20%	180	25	5	20%	250	37	7	20%	375	62
Europe	EU - Western	900	180	20%	9000	950	190	20%	9500	1000	200	20%	10000	1050	210	21%	10500	1100	220	21%	11000	1150	230	21%	11500	9000
	EU - Central	700	140	20%	7000	750	150	20%	7500	800	160	20%	8000	850	170	20%	8500	900	180	20%	9000	950	190	20%	9500	7000
	EU - Eastern	500	100	20%	5000	550	110	20%	5500	600	120	20%	6000	650	130	20%	6500	700	140	20%	7000	750	150	20%	7500	5000
	EU - Nordic	300	60	20%	3000	350	70	20%	3500	400	80	20%	4000	450	90	20%	4500	500	100	20%	5000	550	110	20%	5500	3000
	EU - Southern	150	30	20%	1500	180	36	20%	1800	200	40	20%	2000	220	44	20%	2200	250	50	20%	2500	280	56	20%	2800	1500
Asia Pacific	AP - East Asia	1100	220	20%	11000	1150	230	20%	11500	1200	240	20%	12000	1250	250	20%	12500	1300	260	20%	13000	1350	270	20%	13500	11000
	AP - South Asia	850	170	20%	8500	900	180	20%	9000	950	190	20%	9500	1000	200	20%	10000	1050	210	21%	10500	1100	220	21%	11000	8500
	AP - Southeast Asia	650	130	20%	6500	700	140	20%	7000	750	150	20%	7500	800	160	20%	8000	850	170	20%	8500	900	180	20%	9000	6500
	AP - Oceania	450	90	20%	4500	500	100	20%	5000	550	110	20%	5500	600	120	20%	6000	650	130	20%	6500	700	140	20%	7000	4500
	AP - Central Asia	250	50	20%	2500	300	60	20%	3000	350	70	20%	3500	400	80	20%	4000	450	90	20%	4500	500	100	20%	5000	2500
South America	SA - Brazil	750	150	20%	7500	800	160	20%	8000	850	170	20%	8500	900	180	20%	9000	950	190	20%	9500	1000	200	20%	10000	7500
	SA - Argentina	550	110	20%	5500	600	120	20%	6000	650	130	20%	6500	700	140	20%	7000	750	150	20%	7500	800	160	20%	8000	5500
	SA - Chile	400	80	20%	4000	450	90	20%	4500	500	100	20%	5000	550	110	20%	5500	600	120	20%	6000	650	130	20%	6500	4000
	SA - Colombia	300	60	20%	3000	350	70	20%	3500	400	80	20%	4000	450	90	20%	4500	500	100	20%	5000	550	110	20%	5500	3000
	SA - Peru	200	40	20%	2000	250	50	20%	2500	300	60	20%	3000	350	70	20%	3500	400	80	20%	4000	450	90	20%	4500	2000

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Season		2076-2077 Season		2077-2078 Season		2078-2079 Season		2079-2080 Season		2080-2081 Season		2081-2082 Season		2082-2083 Season		2083-2084 Season		2084-2085 Season		2085-2086 Season		2086-2087 Season		2087-2088 Season		2088-2089 Season		2089-2090 Season		2090-2091 Season		2091-2092 Season		2092-2093 Season		2093-2094 Season		2094-2095 Season		2095-2096 Season		2096-2097 Season		2097-2098 Season		2098-2099 Season		2099-2100 Season		2100-2101 Season		2101-2102 Season		2102-2103 Season		2103-2104 Season		2104-2105 Season		2105-2106 Season		2106-2107 Season		2107-2108 Season		2108-2109 Season		2109-2110 Season		2110-2111 Season		2111-2112 Season		2112-2113 Season		2113-2114 Season		2114-2115 Season		2115-2116 Season		2116-2117 Season		2117-2118 Season		2118-2119 Season		2119-2120 Season		2120-2121 Season		2121-2122 Season		2122-2123 Season		2123-2124 Season		2124-2125 Season		2125-2126 Season		2126-2127 Season		2127-2128 Season		2128-2129 Season		2129-2130 Season		2130-2131 Season		2131-2132 Season		2132-2133 Season		2133-2134 Season		2134-2135 Season		2135-2136 Season		2136-2137 Season		2137-2138 Season		2138-2139 Season		2139-2140 Season		2140-2141 Season		2141-2142 Season		2142-2143 Season		2143-2144 Season		2144-2145 Season		2145-2146 Season		2146-2147 Season		2147-2148 Season		2148-2149 Season		2149-2150 Season		2150-2151 Season		2151-2152 Season		2152-2153 Season		2153-2154 Season		2154-2155 Season		2155-2156 Season		2156-2157 Season		2157-2158 Season		2158-2159 Season		2159-2160 Season		2160-2161 Season		2161-2162 Season		2162-2163 Season		2163-2164 Season		2164-2165 Season		2165-2166 Season		2166-2167 Season		2167-2168 Season		2168-2169 Season		2169-2170 Season		2170-2171 Season		2171-2172 Season		2172-2173 Season		2173-2174 Season		2174-2175 Season		2175-2176 Season		2176-2177 Season		2177-2178 Season		2178-2179 Season		2179-2180 Season		2180-2181 Season		2181-2182 Season		2182-2183 Season		2183-2184 Season		2184-2185 Season		2185-2186 Season		2186-2187 Season		2187-2188 Season		2188-2189 Season		2189-2190 Season		2190-2191 Season		2191-2192 Season		2192-2193 Season		2193-2194 Season		2194-2195 Season		2195-2196 Season		2196-2197 Season		2197-2198 Season		2198-2199 Season		2199-2200 Season		2200-2201 Season		2201-2202 Season		2202-2203 Season		2203-2204 Season		2204-2205 Season		2205-2206 Season		2206-2207 Season		2207-2208 Season		2208-2209 Season		2209-2210 Season		2210-2211 Season		2211-2212 Season		2212-2213 Season		2213-2214 Season		2214-2215 Season		2215-2216 Season		2216-2217 Season		2217-2218 Season		2218-2219 Season		2219-2220 Season		2220-2221 Season		2221-2222 Season		2222-2223 Season		2223-2224 Season		2224-2225 Season		2225-2226 Season		2226-2227 Season		2227-2228 Season		2228-2229 Season		2229-2230 Season		2230-2231 Season		2231-2232 Season		2232-2233 Season		2233-2234 Season		2234-2235 Season		2235-2236 Season		2236-2237 Season		2237-2238 Season		2238-2239 Season		2239-2240 Season		2240-2241 Season		2241-2242 Season		2242-2243 Season		2243-2244 Season		2244-2245 Season		2245-2246 Season		2246-2247 Season		2247-2248 Season		2248-2249 Season		2249-2250 Season		2250-2251 Season		2251-2252 Season		2252-2253 Season		2253-2254 Season		2254-2255 Season		2255-2256 Season		2256-2257 Season		2257-2258 Season		2258-2259 Season		2259-2260 Season		2260-2261 Season		2261-2262 Season		2262-2263 Season		2263-2264 Season		2264-2265 Season		2265-2266 Season		2266-2267 Season		2267-2268 Season		2268-2269 Season		2269-2270 Season		2270-2271 Season		2271-2272 Season		2272-2273 Season		2273-2274 Season		2274-2275 Season		2275-2276 Season		2276-2277 Season		2277-2278 Season		2278-2279 Season		2279-2280 Season		2280-2281 Season		2281-2282 Season		2282-2283 Season		2283-2284 Season		2284-2285 Season		2285-2286 Season		2286-2287 Season		2287-2288 Season		2288-2289 Season		2289-2290 Season		2290-2291 Season		2291-2292 Season		2292-2293 Season		2293-2294 Season		2294-2295 Season		2295-2296 Season		2296-2297 Season		2297-2298 Season		2298-2299 Season		2299-2300 Season		2300-2301 Season		2301-2302 Season		2302-2303 Season		2303-2304 Season		2304-2305 Season		2305-2306 Season		2306-2307 Season		2307-2308 Season		2308-2309 Season		2309-2310 Season		2310-2311 Season		2311-2312 Season		2312-2313 Season		2313-2314 Season		2314-2315 Season		2315-2316 Season		2316-2317 Season		2317-2318 Season		2318-2319 Season		2319-2320 Season		2320-2321 Season		2321-2322 Season		2322-2323 Season		2323-2324 Season		2324-2325 Season		2325-2326 Season		2326-2327 Season		2327-2328 Season		2328-2329 Season		2329-2330 Season		2330-2331 Season		2331-2332 Season		2332-2333 Season		2333-2334 Season		2334-2335 Season		2335-2336 Season		2336-2337 Season		2337-2338 Season		2338-2339 Season		2339-2340 Season		2340-2341 Season		2341-2342 Season		2342-2343 Season		2343-2344 Season		2344-2345 Season		2345-2346 Season		2346-2347 Season		2347-2348 Season		2348-2349 Season		2349-2350 Season		2350-2351 Season		2351-2352 Season		2352-2353 Season		2353-2354 Season		2354-2355 Season		2355-2356 Season		2356-2357 Season		2357-2358 Season		2358-2359 Season		2359-2360 Season		2360-2361 Season		2361-2362 Season		2362-2363 Season		2363-2364 Season		2364-2365 Season		2365-2366 Season		2366-2367 Season		2367-2368 Season		2368-2369 Season		2369-2370 Season		2370-2371 Season		2371-2372 Season		2372-2373 Season		2373-2374 Season		2374-2375 Season		2375-2376 Season		2376-2377 Season		2377-2378 Season		2378-2379 Season		2379-2380 Season		2380-2381 Season		2381-2382 Season		2382-2383 Season		2383-2384 Season		2384-2385 Season		2385-2386 Season		2386-2387 Season		2387-2388 Season		2388-2389 Season		2389-2390 Season		2390-2391 Season		2391-2392 Season		2392-2393 Season		2393-2394 Season		2394-2395 Season		2395-2396 Season		2396-2397 Season		2397-2398 Season		2398-2399 Season		2399-2400 Season		2400-2401 Season		2401-2402 Season		2402-2403 Season		2403-2404 Season		2404-2405 Season		2405-2406 Season		2406-2407 Season		2407-2408 Season		2408-2409 Season		2409-2410 Season		2410-2411 Season		2411-2412 Season		2412-2413 Season		2413-2414 Season		2414-2415 Season		2415-2416 Season		2416-2417 Season		2417-2418 Season		2418-2419 Season		2419-2420 Season		2420-2421 Season		2421-2422 Season		2422-2423 Season		2423-2424 Season		2424-2425 Season		2425-2426 Season		2426-2427 Season		2427-2428 Season		2428-2429 Season		2429-2430 Season		2430-2431 Season		2431-2432 Season		2432-2433 Season		2433-2434 Season		2434-2435 Season		2435-2436 Season		2436-2437 Season		2437-2438 Season		2438-2439 Season		2439-2440 Season		2440-2441 Season		2441-2442 Season		2442-2443 Season		2443-2444 Season		2444-2445 Season		2445-2446 Season		2446-2447 Season		2447-2448 Season		2448-2449 Season		2449-2450 Season		2450-2451 Season		2451-2452 Season		2452-2453 Season		2453-2454 Season		2454-2455 Season		2455-2456 Season		2456-2457 Season		2457-2458 Season		2458-2459 Season		2459-2460 Season		2460-2461 Season		2461-2462 Season		2462-2463 Season		2463-2464 Season		2464-2465 Season		2465-2466 Season		2466-2467 Season		2467-2468 Season		2468-2469 Season		2469-2470 Season		2470-2471 Season		2471-2472 Season		2472-2473 Season		2473-2474 Season		2474-2475 Season		2475-2476 Season		2476-2477 Season		2477-2478 Season		2478-2479 Season		2479-2480 Season		2480-2481 Season		2481-2482 Season		2482-2483 Season		2483-2484 Season		2484-2485 Season		2485-2486 Season		2486-2487 Season		2487-2488 Season		2488-2489 Season		2489-2490 Season		2490-2491 Season		2491-2492 Season		2492-2493 Season		2493-2494 Season		2494-2495 Season		2495-2496 Season		2496-2497 Season		2497-2498 Season		2498-2499 Season		2499-2500 Season		2500-2501 Season		2501-2502 Season		2502-2503 Season		2503-2504 Season		2504-2505 Season		2505-2506 Season		2506-2507 Season		2507-2508 Season		2508-2509 Season		2509-2510 Season		2510-2511 Season		2511-2512 Season		2512-2513 Season		2513-2514 Season		2514-2515 Season		2515-2516 Season		2516-2517 Season		2517-2518 Season		2518-2519 Season		2519-2520 Season		2520-2521 Season		2521-2522 Season		2522-2523 Season		2523-2524 Season		2524-2525 Season		2525-2526 Season		2526-2527 Season		2527-2528 Season		2528-2529 Season		2529-2530 Season		2530-2531 Season		2531-2532 Season		2532-2533 Season		2533-2534 Season		2534-2535 Season		2535-2536 Season		2536-2537 Season		2537-2538 Season		2538-2539 Season		2539-2540 Season		2540-2541 Season		2541-2542 Season		2542-2543 Season		2543-2544 Season		2544-2545 Season		2545-2546 Season		2546-2547 Season		2547-2548 Season		2548-2549 Season		2549-2550 Season		2550-2551 Season		2551-2552 Season		2552-2553 Season		2553-2554 Season		2554-2555 Season		2555-2556 Season		2556-2557 Season		2557-2558 Season		2558-2559 Season		2559-2560 Season		2560-2561 Season		2561-2562 Season		2562-2563 Season		2563-2564 Season		2564-2565 Season		2565-2566 Season		2566-2567 Season		2567-2568 Season		2568-2569 Season		2569-2570 Season		2570-2571 Season		2571-2572 Season		2572-2573 Season		2573-2574 Season		2574-2575 Season		2575-2576 Season		2576-2577 Season		2577-2578 Season		2578-2579 Season		2579-2580 Season		2580-2581 Season		2581-2582 Season		2582-2583 Season		2583-2584 Season		2584-2585 Season		2585-2586 Season		2586-2587 Season		2587-2588 Season		2588-2589 Season		2589-2590 Season		2590-2591 Season		2591-2592 Season		2592-2593 Season		2593-2594 Season		2594-2595 Season		2595-2596 Season		2596-2597 Season		2597-2598 Season		2598-2599 Season		2599-2600 Season		2600-2601 Season		2601-2602 Season		2602-2603 Season		2603-2604 Season		2604-2605 Season		2605-2606 Season		2606-2607 Season		2607-2608 Season		2608-2609 Season		2609-2610 Season		2610-2611 Season		2611-2612 Season		2612-2613 Season		2613-2614 Season		2614-2615 Season		2615-2616 Season		2616-2617 Season		2617-2618 Season		2618-2619 Season		2619-2620 Season		2620-2621 Season		2621-2622 Season		2622-2623 Season		2623-2624 Season		2624-2625 Season		2625-2626 Season		2626-2627 Season		2627-2628 Season		2628-2629 Season		2629-2630 Season		2630-2631 Season		2631-2632 Season		2632-2633 Season		2633-2634 Season		2634-2635 Season		2635-2636 Season		2636-2637 Season		2637-2638 Season		2638-2639 Season		2639-2640 Season		2640-2641 Season		2641-2642 Season		2642-2643 Season		2643-2644 Season		2644-2645 Season		2645-2646 Season		2646-2647 Season		2647-2648 Season		2648-2649 Season		2649-2650 Season		2650-2651 Season		2651-2652 Season		2652-2653 Season		2653-2654 Season		2654-2655 Season		2655-2656 Season		2656-2657 Season		2657-2658 Season		2658-2659 Season		2659-2660 Season		2660-2661 Season		2661-2662 Season		2662-2663 Season		2663-2664 Season		2664-2665 Season		2665-2666 Season		2666-2667 Season		2667-2668 Season		2668-2669 Season		2669-2670 Season		2670-2671 Season		2671-2672 Season		2672-2673 Season		2673-2674 Season		2674-2675 Season		2675-2676 Season		2676-2677 Season		2677-2678 Season		2678-2679 Season		2679-2680 Season		2680-2681 Season		2681-2682 Season		2682-2683 Season		2683-2684 Season		2684-2685 Season		2685-2686 Season		2686-2687 Season		2687-2688 Season		2688-2689 Season		2689-2690 Season		2690-2691 Season		2691-2692 Season		2692-2693 Season		2693-2694 Season		2694-2695 Season		2695-2696 Season		2696-2697 Season		2697-2698 Season		2698-2699 Season		2699-2700 Season		2700-2701 Season		2701-2702 Season		2702-2703 Season		2703-2704 Season		2704-2705 Season		2705-2706 Season		2706-2707 Season		2707-2708 Season	
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BT BR/EDR		ANT6				
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	13.42	9.39	9.35	15.00
	CH 39	2441	13.82	9.79	9.81	15.00
	CH 78	2480	13.97	10.18	10.23	15.00

BT BR/EDR		ANT8				
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	13.57	9.81	9.81	15.00
	CH 39	2441	12.92	8.87	8.86	14.50
	CH 78	2480	13.26	9.30	9.29	15.00

BLE_1M		ANT6		
Mode	Channel	Frequency (MHz)	Average power (dBm)	
LE	CH 00	2402	4.89	
	CH 19	2440	5.39	
	CH 39	2480	5.50	
Tune-up Limit			6.00	

BLE_1M		ANT8		
Mode	Channel	Frequency (MHz)	Average power (dBm)	
LE	CH 00	2402	5.06	
	CH 19	2440	4.15	
	CH 39	2480	5.00	
Tune-up Limit			6.00	

BLE_2M		ANT6		
Mode	Channel	Frequency (MHz)	Average power (dBm)	
LE	CH 00	2402	5.03	
	CH 19	2440	5.54	
	CH 39	2480	5.64	
Tune-up Limit			6.00	

BLE_2M		ANT8		
Mode	Channel	Frequency (MHz)	Average power (dBm)	
LE	CH 00	2402	5.07	
	CH 19	2440	4.24	
	CH 39	2480	4.98	
Tune-up Limit			6.00	