

Par27Q n77 Ant2 DSI3 Simultaneous PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	Pl2 BPSK	1	1		16.44		17.4	0.0	
100	Pl2 BPSK	1	137		16.34				
100	Pl2 BPSK	1	271		16.26		13.9	3.5	
100	Pl2 BPSK	135	0		16.27				
100	Pl2 BPSK	135	69		16.29		17.4	0.0	
100	Pl2 BPSK	135	138		16.21		13.9	3.5	
100	Pl2 BPSK	270	0		16.31		17.4	0.0	
100	QPSK	1	1		16.46		17.4	0.0	
100	QPSK	1	137		16.38				
100	QPSK	1	271		16.28		13.9	3.5	
100	QPSK	135	0		16.28				
100	QPSK	135	69		16.36		17.4	0.0	
100	QPSK	135	138		16.14		13.9	3.5	
100	QPSK	270	0		16.34		17.4	0.0	
100	16QAM	1	1		16.23		17.4	0.0	
100	16QAM	1	1		16.31		17.4	0.0	
100	256QAM	1	1		16.34		17.4	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		16.01	16.13	16.15	17.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		16.12	16.10	16.14	17.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		16.02	16.17	16.13	17.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		16.06	16.20	16.07	17.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		16.14	16.16	16.03	17.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		16.03	16.12	16.10	17.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		16.07	16.19	16.08	17.4	0.0
Channel				630505	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		16.06	16.20	16.03	17.4	0.0

Part270 n78 Ant2 DSI3 Simultaneous PC3

BW [MHz]	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	Pl2 BPSK	1	1		12.95				
100	Pl2 BPSK	1	137		13.20		14.4	0.0	
100	Pl2 BPSK	1	271		13.15				
100	Pl2 BPSK	135	0		13.10		14.4	0.0	
100	Pl2 BPSK	135	69		13.11		14.4	0.0	
100	Pl2 BPSK	135	138		13.02		14.4	0.0	
100	Pl2 BPSK	270	0		13.02		14.4	0.0	
100	QPSK	1	1		13.21				
100	QPSK	1	137		13.11		14.4	0.0	
100	QPSK	1	271		13.12				
100	QPSK	135	0		13.10		14.4	0.0	
100	QPSK	135	69		13.13		14.4	0.0	
100	QPSK	135	138		12.87		14.4	0.0	
100	QPSK	270	0		13.14				
100	16QAM	1	1		13.01		14.4	0.0	
100	16QAM	1	1		13.17		14.4	0.0	
100	256QAM	1	1		13.06		14.4	0.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		12.06	12.14	12.06	14.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		12.98	12.12	12.97	14.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		12.97	12.09	12.99	14.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		12.03	12.03	12.99	14.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		12.98	12.11	12.05	14.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		12.03	12.14	12.07	14.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		12.03	12.02	12.04	14.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
20	QPSK	1	1		12.99	12.11	12.03	14.4	0.0

Part270 n78 Ant2 DSI3 Simultaneous PC2

BW [MHz]	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	Pl2 BPSK	1	1		16.01			
100	Pl2 BPSK	1	137		16.30		17.4	0.0
100	Pl2 BPSK	1	271		16.13			
100	Pl2 BPSK	135	0		16.16		17.4	0.0
100	Pl2 BPSK	135	69		16.07		17.4	0.0
100	Pl2 BPSK	135	138		16.18		17.4	0.0
100	Pl2 BPSK	270	0		16.14		17.4	0.0
100	QPSK	1	1		16.34			
100	QPSK	1	137		16.27		17.4	0.0
100	QPSK	1	271		16.18			
100	QPSK	135	0		16.22		17.4	0.0
100	QPSK	135	69		16.20		17.4	0.0
100	QPSK	135	138		16.02		17.4	0.0
100	QPSK	270	0		16.10			
100	16QAM	1	1		16.18		17.4	0.0
100	64QAM	1	1		16.12		17.4	0.0
100	256QAM	1	1		16.20		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		16.20	16.12	16.13	17.4
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1		16.16	16.16	16.19	17.4
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1		16.12	16.15	16.18	17.4
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1		16.19	16.11	16.20	17.4
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1		16.18	16.19	16.19	17.4
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1		16.19	16.18	16.20	17.4
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1		16.10	16.14	16.16	17.4
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1		16.14	16.11	16.15	17.4

Par27Q n78 Ant2 DSI3 Simultaneous PC3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turnup limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)									
100	PI2 BPSK	1	1		13.12				
100	PI2 BPSK	1	137		13.00		14.4	0.0	
100	PI2 BPSK	1	271		12.90				
100	PI2 BPSK	135	0		12.89				
100	PI2 BPSK	135	69		12.94		14.4	0.0	
100	PI2 BPSK	135	138		12.90				
100	PI2 BPSK	270	0		13.04		14.4	0.0	
100	QPSK	1	1		13.32				
100	QPSK	1	137		13.16		14.4	0.0	
100	QPSK	1	271		12.98				
100	QPSK	135	0		12.89		14.4	0.0	
100	QPSK	135	69		12.95				
100	QPSK	135	138		12.75				
100	QPSK	270	0		13.00		14.4	0.0	
100	16QAM	1	1		12.95		14.4	0.0	
100	8QAM	1	1		12.93		14.4	0.0	
100	256QAM	1	1		12.97		14.4	0.0	
Channel				633000	633334	633668	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		12.74	12.83	12.81	14.4	0.0
Channel				632665	633335	634000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1592.01	1600.02	1608			
80	QPSK	1	1		12.74	12.88	12.81	14.4	0.0
Channel				632335	633335	634335	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1588.02	1600.02	1612.02			
70	QPSK	1	1		12.74	12.88	12.81	14.4	0.0
Channel				632000	633335	634668	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1584	1600.02	1616.01			
60	QPSK	1	1		12.74	12.83	12.81	14.4	0.0
Channel				631664	633335	635000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1580.01	1600.02	1620			
50	QPSK	1	1		12.74	12.88	12.81	14.4	0.0
Channel				631335	633335	635335	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1576.02	1600.02	1624.02			
40	QPSK	1	1		12.74	12.89	12.81	14.4	0.0
Channel				631000	633335	635668	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1572	1600.02	1628.01			
30	QPSK	1	1		12.74	12.88	12.81	14.4	0.0
Channel				630665	633335	636000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1568.01	1600.02	1632			
20	QPSK	1	1		12.74	12.88	12.81	14.4	0.0

Par27Q n78 Ant2 DSI3 Simultaneous PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)						3500.01			
100	PI2 BPSK	1	1		16.17				
100	PI2 BPSK	1	137		16.10		17.4	0.0	
100	PI2 BPSK	1	271		16.03				
100	PI2 BPSK	135	0		15.93		13.9	3.5	
100	PI2 BPSK	135	69		16.05		17.4	0.0	
100	PI2 BPSK	135	138		15.95		13.9	3.5	
100	PI2 BPSK	270	0		15.94		17.4	0.0	
100	QPSK	1	1		16.34				
100	QPSK	1	137		16.13		17.4	0.0	
100	QPSK	1	271		16.01				
100	QPSK	135	0		16.00		13.9	3.5	
100	QPSK	135	69		16.13		17.4	0.0	
100	QPSK	135	138		15.81		13.9	3.5	
100	QPSK	270	0		16.08		17.4	0.0	
100	16QAM	1	1		16.00		17.4	0.0	
100	64QAM	1	1		16.05		17.4	0.0	
100	256QAM	1	1		16.10		17.4	0.0	
Channel				633000	633334	633668	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		15.38	15.26	15.29	17.4	0.0
Channel				632665	633335	634000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		15.37	15.17	15.33	17.4	0.0
Channel				632334	633334	634334	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3486.01	3500.01	3516.01			
70	QPSK	1	1		15.37	15.25	15.31	17.4	0.0
Channel				632000	633334	634668	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		15.36	15.16	15.38	17.4	0.0
Channel				631665	633334	635000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		15.44	15.25	15.39	17.4	0.0
Channel				631334	633334	635334	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		15.42	15.17	15.28	17.4	0.0
Channel				631000	633334	635668	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		15.39	15.25	15.30	17.4	0.0
Channel				630665	633334	636000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		15.33	15.15	15.29	17.4	0.0



Part270 n78_PC3 Ant7 DSI3 Standalone									
BW [MHz]	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		17.88			18.9	0.0
100	PV2 BPSK	1	137		18.00				
100	PV2 BPSK	1	271		18.04				
100	PV2 BPSK	135	0		18.00				
100	PV2 BPSK	135	69		17.89			18.9	0.0
100	PV2 BPSK	135	138		18.00			18.9	0.0
100	PV2 BPSK	270	0		18.05				
100	QPSK	1	1		15.10				
100	QPSK	1	137		18.04			18.9	0.0
100	QPSK	1	271		17.83				
100	QPSK	135	0		17.68			18.9	0.0
100	QPSK	135	69		17.96			18.9	0.0
100	QPSK	135	138		17.25			18.9	0.0
100	QPSK	270	0		17.39				
100	16QAM	1	1		17.55			18.9	0.0
100	64QAM	1	1		17.35			18.9	0.0
100	256QAM	1	1		17.24			18.9	0.0
Channel				649868	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		17.02	17.08	17.97	18.9	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		17.00	17.11	17.90	18.9	0.0
Channel				648900	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		17.10	17.12	17.90	18.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		17.04	17.02	17.90	18.9	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		17.03	17.10	17.95	18.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		17.12	17.11	17.95	18.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		17.08	17.12	17.90	18.9	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		17.10	17.14	17.95	18.9	0.0

Part270 n78_PC2 Ant7 DSI3 Standalone									
BW [MHz]	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		21.40			21.9	0.0
100	PV2 BPSK	1	137		21.46				
100	PV2 BPSK	1	271		21.36				
100	PV2 BPSK	135	0		21.43				
100	PV2 BPSK	135	69		21.37			21.9	0.0
100	PV2 BPSK	135	138		21.37			21.9	0.0
100	PV2 BPSK	270	0		21.46				
100	QPSK	1	1		21.48				
100	QPSK	1	137		21.42			21.9	0.0
100	QPSK	1	271		21.33				
100	QPSK	135	0		21.31			21.9	0.0
100	QPSK	135	69		21.42			21.9	0.0
100	QPSK	135	138		21.23			21.9	0.0
100	QPSK	270	0		21.30				
100	16QAM	1	1		21.30			21.9	0.0
100	64QAM	1	1		21.43			21.9	0.0
100	256QAM	1	1		21.43			21.9	0.0
Channel				649868	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		21.12	21.07	20.98	21.9	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		21.10	21.10	20.96	21.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		21.03	21.08	20.94	21.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		21.10	21.11	20.96	21.9	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		21.08	21.13	20.99	21.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		21.03	21.10	20.97	21.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		21.06	21.10	20.96	21.9	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		21.10	21.03	20.97	21.9	0.0

Part270 n78_PC3 Ant7 DSI3 Standalone									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PV2 BPSK	1	1		17.97			18.9	0.0
100	PV2 BPSK	1	137		17.87				
100	PV2 BPSK	1	271		17.51				
100	PV2 BPSK	135	0		17.90				
100	PV2 BPSK	135	69		17.74			18.9	0.0
100	PV2 BPSK	135	138		17.60			18.9	0.0
100	PV2 BPSK	270	0		17.80				
100	QPSK	1	1		15.15			18.9	0.0
100	QPSK	1	137		17.93				
100	QPSK	1	271		17.62				
100	QPSK	135	0		17.77			18.9	0.0
100	QPSK	135	69		17.46				
100	QPSK	135	138		17.60				
100	QPSK	270	0		17.85			18.9	0.0
100	16QAM	1	1		17.77			18.9	0.0
100	64QAM	1	1		17.83			18.9	0.0
100	256QAM	1	1		17.78			18.9	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		17.79	17.88	17.75	18.9	0.0
Channel				632666	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510.01			
80	QPSK	1	1		17.88	17.80	17.85	18.9	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		17.83	17.88	17.77	18.9	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		17.75	17.86	17.75	18.9	0.0
Channel				631666	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		17.87	17.80	17.72	18.9	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		17.82	17.83	17.80	18.9	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465.02	3500.01	3540.02			
30	QPSK	1	1		17.83	17.85	17.85	18.9	0.0
Channel				630666	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		17.81	17.80	17.74	18.9	0.0

Part27Q n78_PC2 Ant7 DSI3 Standalone									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		21.19		21.9	0.0	
100	PI2 BPSK	1	137		21.04				
100	PI2 BPSK	1	271		20.78		18.4	3.5	
100	PI2 BPSK	135	0		21.08				
100	PI2 BPSK	135	69		20.95		21.9	0.0	
100	PI2 BPSK	135	138		20.80			18.4	
100	PI2 BPSK	270	0		21.05		21.9	0.0	
100	QPSK	1	1		21.38				
100	QPSK	1	137		21.08		18.4	3.5	
100	QPSK	1	271		20.86				
100	QPSK	135	0		21.01		21.9	0.0	
100	QPSK	135	69		21.02			18.4	
100	QPSK	135	138		20.79		21.9	0.0	
100	QPSK	270	0		21.00			21.9	
100	16QAM	1	1		21.35		21.9	0.0	
100	64QAM	1	1		21.30			21.9	
100	256QAM	1	1		21.28			21.9	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02	21.9	0.0	
90	QPSK	1	1	21.20	21.19	20.99			
Channel				632505	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	21.9	0.0	
80	QPSK	1	1	21.13	21.22	21.11			
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3518.61	21.9	0.0	
70	QPSK	1	1	21.15	21.19	21.05			
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02	21.9	0.0	
60	QPSK	1	1	21.13	21.14	21.08			
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525	21.9	0.0	
50	QPSK	1	1	21.12	21.17	21.02			
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01	21.9	0.0	
40	QPSK	1	1	21.23	21.14	21.10			
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02	21.9	0.0	
30	QPSK	1	1	21.23	21.17	21.04			
Channel				630505	633334	635900	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	21.9	0.0	
20	QPSK	1	1	21.21	21.15	21.00			



Part270 n78_PC3 Ant7 DS13 Simultaneous									
BW [MHz]	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		16.22				
100	PV2 BPSK	1	137		16.37		17.6	0.0	
100	PV2 BPSK	1	271		16.16				
100	PV2 BPSK	135	0		16.28		17.6	0.0	
100	PV2 BPSK	135	69		16.36		17.6	0.0	
100	PV2 BPSK	135	138		16.04				
100	PV2 BPSK	270	0		16.28		17.6	0.0	
100	QPSK	1	1		16.41				
100	QPSK	1	137		16.16		17.6	0.0	
100	QPSK	1	271		16.15				
100	QPSK	135	0		16.22		17.6	0.0	
100	QPSK	135	69		16.27		17.6	0.0	
100	QPSK	135	138		16.22		17.6	0.0	
100	QPSK	270	0		16.43				
100	16QAM	1	1		16.31		17.6	0.0	
100	64QAM	1	1		16.32		17.6	0.0	
100	256QAM	1	1		16.20		17.6	0.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		16.16	16.37	16.06	17.6	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		16.24	16.36	16.03	17.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		16.20	16.38	16.00	17.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		16.20	16.40	16.99	17.6	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		16.18	16.35	16.08	17.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		16.23	16.34	16.98	17.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		16.23	16.40	16.05	17.6	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		16.17	16.34	16.04	17.6	0.0

Part270 n78_PC2 Ant7 DS13 Simultaneous									
BW [MHz]	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		19.39				
100	PV2 BPSK	1	137		19.47		20.6	0.0	
100	PV2 BPSK	1	271		19.23				
100	PV2 BPSK	135	0		19.44		20.6	0.0	
100	PV2 BPSK	135	69		19.39		20.6	0.0	
100	PV2 BPSK	135	138		19.24				
100	PV2 BPSK	270	0		19.32		20.6	0.0	
100	QPSK	1	1		19.30				
100	QPSK	1	137		19.33		20.6	0.0	
100	QPSK	1	271		19.22				
100	QPSK	135	0		19.30		20.6	0.0	
100	QPSK	135	69		19.33		20.6	0.0	
100	QPSK	135	138		19.29		20.6	0.0	
100	QPSK	270	0		19.36				
100	16QAM	1	1		19.38		20.6	0.0	
100	64QAM	1	1		19.40		20.6	0.0	
100	256QAM	1	1		19.40		20.6	0.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		18.98	18.90	18.96	20.6	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		19.07	18.94	18.98	20.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		19.03	18.94	18.96	20.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		19.10	18.91	18.89	20.6	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		19.02	18.90	18.97	20.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		19.02	18.97	18.92	20.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		19.09	18.98	18.87	20.6	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		19.02	18.98	18.94	20.6	0.0

Part27Q n78_PC3 Ant7 DSI3 Simultaneous									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PV2 BPSK	1	1		16.30				
100	PV2 BPSK	1	137		16.41		17.6	0.0	
100	PV2 BPSK	1	271		16.29				
100	PV2 BPSK	135	0		16.40				
100	PV2 BPSK	135	69		16.39		17.6	0.0	
100	PV2 BPSK	135	138		16.15				
100	PV2 BPSK	270	0		16.43		17.6	0.0	
100	QPSK	1	1		16.49				
100	QPSK	1	137		16.33		17.6	0.0	
100	QPSK	1	271		16.23				
100	QPSK	135	0		16.36				
100	QPSK	135	69		16.40		17.6	0.0	
100	QPSK	135	138		16.28				
100	QPSK	270	0		16.49		17.6	0.0	
100	16QAM	1	1		16.38		17.6	0.0	
100	64QAM	1	1		16.36		17.6	0.0	
100	256QAM	1	1		16.33		17.6	0.0	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		16.33	16.36	16.15	17.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		16.29	16.40	16.10	17.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		16.24	16.43	16.16	17.6	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		16.27	16.42	16.10	17.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		16.26	16.32	16.12	17.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		16.27	16.42	16.15	17.6	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		16.32	16.41	16.07	17.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		16.30	16.36	16.08	17.6	0.0

Part27Q n78_PC2 Ant7 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				633334			20.6	0.0
Frequency (MHz)				3500.01				
100	PI2 BPSK	1	1		19.46		17.1	3.5
100	PI2 BPSK	1	137		19.51			
100	PI2 BPSK	1	271		19.34		20.6	0.0
100	PI2 BPSK	135	0		19.54			
100	PI2 BPSK	135	69		19.46		17.1	3.5
100	PI2 BPSK	135	138		19.31			
100	PI2 BPSK	270	0		19.47		20.6	0.0
100	QPSK	1	1		19.59			
100	QPSK	1	137		19.47		17.1	3.5
100	QPSK	1	271		19.31			
100	QPSK	135	0		19.48		20.6	0.0
100	QPSK	135	69		19.49			
100	QPSK	135	138		19.41		17.1	3.5
100	QPSK	270	0		19.54			
100	16QAM	1	1		19.43		20.6	0.0
100	64QAM	1	1		19.52			
100	256QAM	1	1		19.44		20.6	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02	20.6	0.0
90	QPSK	1	1	19.28	19.38	19.07		
Channel				632505	633334	634000	20.6	0.0
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.24	19.39	19.13	20.6	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3415.01	20.6	0.0
70	QPSK	1	1	19.31	19.35	19.14		
Channel				632000	633334	634668	20.6	0.0
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.30	19.35	19.18	20.6	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525	20.6	0.0
50	QPSK	1	1	19.23	19.34	19.18		
Channel				631334	633334	635334	20.6	0.0
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.24	19.46	19.13	20.6	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02	20.6	0.0
30	QPSK	1	1	19.23	19.46	19.18		
Channel				630505	633334	636000	20.6	0.0
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.25	19.43	19.13	20.6	0.0



n2 Ant0 DSI6 Standalone Reuse Full power									
BW (MHz)	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)				370000	376000	380000			
20	Pl2 BPSK	1	1	19.76	19.65	19.92			
20	Pl2 BPSK	1	53	19.55	19.60	19.54	21.3	0.0	
20	Pl2 BPSK	1	104	19.63	19.66	19.56			
20	Pl2 BPSK	50	0	19.61	19.68	19.59	21.3	0.0	
20	Pl2 BPSK	50	26	19.56	19.64	19.48	21.3	0.0	
20	Pl2 BPSK	50	56	19.54	19.66	19.46			
20	Pl2 BPSK	100	0	19.61	19.76	19.45	21.3	0.0	
20	QPSK	1	1	19.96	20.09	19.93			
20	QPSK	1	53	19.54	19.61	19.61	21.3	0.0	
20	QPSK	1	104	19.53	19.78	19.76			
20	QPSK	50	0	19.57	19.67	19.69	21.3	0.0	
20	QPSK	50	26	19.53	19.79	19.70	21.3	0.0	
20	QPSK	50	56	19.47	19.63	19.51			
20	QPSK	100	0	19.68	19.75	19.54	21.3	0.0	
20	16QAM	1	1	19.68	19.64	19.69	21.3	0.0	
20	64QAM	1	1	19.49	19.69	19.70	21.3	0.0	
20	256QAM	1	1	19.95	20.02	19.82	20.0	1.3	
Channel									
Frequency (MHz)				1807.5	1880	1902.5	(dBm)		
15	QPSK	1	1	19.49	19.67	19.59	21.3	0.0	
Channel									
Frequency (MHz)				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	19.55	19.73	19.66	21.3	0.0	
Channel									
Frequency (MHz)				375000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	19.59	19.72	19.63	21.3	0.0	

n5 Ant0 DSI6 Standalone Reuse Full power									
BW (MHz)	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			
20	Pl2 BPSK	1	1	22.16	22.27	22.30			
20	Pl2 BPSK	1	53	22.32	22.11	22.23	24.0	0.0	
20	Pl2 BPSK	1	104	22.02	22.01	22.32			
20	Pl2 BPSK	50	0	22.04	22.03	22.35	24.0	0.0	
20	Pl2 BPSK	50	26	22.10	22.14	22.11	24.0	0.0	
20	Pl2 BPSK	50	56	22.34	22.11	22.04			
20	Pl2 BPSK	100	0	22.33	22.14	22.37	24.0	0.0	
20	QPSK	1	1	22.22	22.43	22.22			
20	QPSK	1	53	22.07	22.11	22.04	24.0	0.0	
20	QPSK	1	104	22.12	22.13	22.05			
20	QPSK	50	0	22.17	22.21	22.01	24.0	0.0	
20	QPSK	50	26	22.17	22.22	22.20	24.0	0.0	
20	QPSK	50	56	22.12	22.13	22.10			
20	QPSK	100	0	22.12	22.20	22.04	24.0	0.0	
20	16QAM	1	1	22.22	22.34	22.34	24.0	0.0	
20	64QAM	1	1	22.32	22.12	22.21	23.0	1.0	
20	256QAM	1	1	20.02	20.21	20.02	21.0	3.0	
Channel									
Frequency (MHz)				831.5	836.5	841.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	22.16	22.31	22.01	24.0	0.0	
Channel									
Frequency (MHz)				829	836.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.06	22.22	22.22	24.0	0.0	
Channel									
Frequency (MHz)				806.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	22.20	22.25	22.10	24.0	0.0	

n12 Ant0 DSI6 Standalone Reuse Full power									
BW (MHz)	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)				141300	141500	141700			
15	Pl2 BPSK	1	1	23.13	23.12	23.07			
15	Pl2 BPSK	1	40	23.11	23.15	22.99	24.0	0.0	
15	Pl2 BPSK	1	77	23.08	23.09	23.03			
15	Pl2 BPSK	36	0	22.67	22.67	22.46	23.5	0.5	
15	Pl2 BPSK	36	25	22.96	23.07	22.94	24.0	0.0	
15	Pl2 BPSK	36	43	22.62	22.81	22.59	23.5	0.5	
15	Pl2 BPSK	75	0	22.63	22.72	22.66	23.5	0.5	
15	QPSK	1	1	23.16	23.21	23.08			
15	QPSK	1	40	23.17	23.19	23.15	24.0	0.0	
15	QPSK	1	77	23.15	23.17	23.05			
15	QPSK	36	0	22.17	22.22	22.03	23.0	1.0	
15	QPSK	36	25	23.06	23.16	23.08	24.0	0.0	
15	QPSK	36	43	22.10	22.19	22.00			
15	QPSK	75	0	22.28	22.29	22.10	23.0	1.0	
15	16QAM	1	1	22.16	22.21	22.03	23.0	1.0	
15	64QAM	1	1	20.83	20.97	20.80	21.5	2.5	
15	256QAM	1	1	19.08	19.83	19.76	19.5	4.5	
Channel									
Frequency (MHz)				704	707.5	711	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	23.08	23.21	23.08	24.0	0.0	
Channel									
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	22.96	23.12	23.05	24.0	0.0	



n25 Ant0 DSI6 Standalone								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000	21.3	0.0
Frequency (MHz)				1860	1862.5	1905		
20	PI2 BPSK	1	1	19.92	20.01	19.99	21.3	0.0
20	PI2 BPSK	1	53	19.71	19.76	19.70		
20	PI2 BPSK	1	104	19.76	19.83	19.67	21.3	0.0
20	PI2 BPSK	50	0	19.66	19.72	19.62		
20	PI2 BPSK	50	24	19.70	19.75	19.64	21.3	0.0
20	PI2 BPSK	50	56	19.60	19.75	19.55		
20	PI2 BPSK	100	0	19.68	19.80	19.62	21.3	0.0
20	QPSK	1	1	20.06	20.16	20.07		
20	QPSK	1	53	19.65	19.75	19.67	21.3	0.0
20	QPSK	1	104	19.64	19.91	19.81		
20	QPSK	50	0	19.71	19.74	19.79	21.3	0.0
20	QPSK	50	24	19.66	19.80	19.78		
20	QPSK	50	56	19.59	19.71	19.66	21.3	0.0
20	QPSK	100	0	19.74	19.78	19.66		
20	16QAM	1	1	19.74	19.79	19.75	21.3	0.0
20	64QAM	1	1	19.63	19.75	19.75		
20	256QAM	1	1	19.05	19.24	19.10	21.3	0.3
Channel				371500	376500	381500		
Frequency (MHz)				1857.5	1862.5	1907.5	21.3	0.0
15	QPSK	1	1	21.04	21.09	21.14		
Channel				371000	376500	382000	21.3	0.0
Frequency (MHz)				1865	1862.5	1910		
10	QPSK	1	1	21.05	21.06	21.10	21.3	0.0
Channel				370500	376500	382500		
Frequency (MHz)				1862.5	1862.5	1912.5	21.3	0.0
5	QPSK	1	1	21.06	21.06	21.08		

n26 Ant0 DSI6 Standalone Reuse Full power								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164300	166300	168300	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	PI2 BPSK	1	1	22.55	22.65	22.49	24.0	0.0
20	PI2 BPSK	1	53	22.43	22.58	22.49		
20	PI2 BPSK	1	104	22.56	22.62	22.45	24.0	0.0
20	PI2 BPSK	50	0	22.61	22.67	22.53		
20	PI2 BPSK	50	24	22.59	22.64	22.56	24.0	0.0
20	PI2 BPSK	50	56	22.45	22.56	22.40		
20	PI2 BPSK	100	0	22.54	22.67	22.61	24.0	0.0
20	QPSK	1	1	22.59	22.73	22.66		
20	QPSK	1	53	22.57	22.64	22.57	24.0	0.0
20	QPSK	1	104	22.62	22.69	22.55		
20	QPSK	50	0	22.59	22.66	22.55	24.0	0.0
20	QPSK	50	24	22.54	22.72	22.63		
20	QPSK	50	56	22.52	22.63	22.48	24.0	0.0
20	QPSK	100	0	22.58	22.72	22.57		
20	16QAM	1	1	22.63	22.69	22.58	24.0	0.0
20	64QAM	1	1	21.97	22.09	21.92		
20	256QAM	1	1	19.72	19.77	19.59	21.0	3.0
Channel				164300	166300	168300		
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0
15	QPSK	1	1	22.42	22.69	22.49		
Channel				163800	166300	168800	24.0	0.0
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.46	22.68	22.53	24.0	0.0
Channel				163500	166300	169300		
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0
5	QPSK	1	1	22.53	22.65	22.50		

N66 Ant0 DSI6 Standalone								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	22.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	20.67	20.76	20.74	22.0	0.0
40	PI2 BPSK	1	108	20.68	20.75	20.76		
40	PI2 BPSK	1	214	20.64	20.78	20.66	22.0	0.0
40	PI2 BPSK	108	0	20.65	20.78	20.74		
40	PI2 BPSK	108	54	20.76	20.76	20.76	22.0	0.0
40	PI2 BPSK	108	108	20.76	20.86	20.73		
40	PI2 BPSK	216	0	20.75	20.75	20.67	22.0	0.0
40	QPSK	1	1	20.80	20.88	20.83		
40	QPSK	1	108	20.64	20.81	20.72	22.0	0.0
40	QPSK	1	214	20.68	20.78	20.65		
40	QPSK	108	0	20.67	20.75	20.65	22.0	0.0
40	QPSK	108	54	20.67	20.76	20.75		
40	QPSK	108	108	20.65	20.73	20.68	22.0	0.0
40	QPSK	216	0	20.59	20.66	20.56		
40	16QAM	1	1	20.75	20.82	20.67	22.0	0.0
40	64QAM	1	1	20.67	20.85	20.69		
40	256QAM	1	1	19.74	19.86	19.74	21.0	1.0
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765	22.0	0.0
30	QPSK	1	1	20.64	20.87	20.77		
Channel				344000	349000	354000	22.0	0.0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.74	20.82	20.66	22.0	0.0
Channel				343000	349000	355000		
Frequency (MHz)				1717.5	1745	1772.5	22.0	0.0
15	QPSK	1	1	20.70	20.82	20.66		
Channel				342000	349000	356000	22.0	0.0
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.74	20.77	20.68	22.0	0.0
Channel				342000	349000	356000		
Frequency (MHz)				1712.5	1745	1777.5	22.0	0.0
5	QPSK	1	1	20.64	20.78	20.68		

n71 Ant0 DSI6 Standalone Reuse Full power								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 134600	Power Middle Ch. / Freq. 136100	Power High Ch. / Freq. 137600	Tune-up limit (dBm)	MPR (dB)
Channel				675	680.5	685	24.0	0.0
Frequency (MHz)				675	680.5	685		
20	PI2 BPSK	1	1	22.89	22.93	22.75		
20	PI2 BPSK	1	53	22.83	22.99	22.90	24.0	0.0
20	PI2 BPSK	1	104	22.67	22.79	22.59		
20	PI2 BPSK	50	0	22.74	22.84	22.87		
20	PI2 BPSK	50	24	22.91	22.98	22.90	24.0	0.0
20	PI2 BPSK	50	56	22.77	22.85	22.64		
20	PI2 BPSK	100	0	22.92	23.01	22.86		
20	QPSK	1	1	23.02	23.13	22.86	24.0	0.0
20	QPSK	1	53	22.89	22.95	22.95		
20	QPSK	1	104	22.63	22.70	22.69		
20	QPSK	50	0	22.86	22.85	22.84	24.0	0.0
20	QPSK	50	28	22.78	22.96	22.81		
20	QPSK	50	95	22.85	22.85	22.80		
20	QPSK	100	0	22.83	22.97	22.82	24.0	0.0
20	16QAM	1	1	22.96	23.08	23.09		
20	64QAM	1	1	22.25	22.45	22.34		
20	256QAM	1	1	20.11	20.09	20.08	21.0	3.0
Channel				134100	136100	138100	Tune-up limit	MPR
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)
15	QPSK	1	1	23.02	22.85	22.68	24.0	0.0
Channel				133600	136100	138600	Tune-up limit	MPR
Frequency (MHz)				666	680.5	693	(dBm)	(dB)
10	QPSK	1	1	22.97	23.06	22.89	24.0	0.0
Channel				137100	137100	137100	Tune-up limit	MPR
Frequency (MHz)				686.5	680.5	696.5	(dBm)	(dB)
5	QPSK	1	1	22.88	23.04	22.93	24.0	0.0



n2 Ant0 DSI6 Simultaneous									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1860	1860			
20	Pl2 BPSK	1	1	18.40	18.25	18.16			
20	Pl2 BPSK	1	53	18.30	18.11	18.04	19.8		
20	Pl2 BPSK	1	104	18.06	18.21	18.14			
20	Pl2 BPSK	50	0	18.03	18.18	18.07	19.8		
20	Pl2 BPSK	50	26	18.18	18.14	18.17	19.8		
20	Pl2 BPSK	50	56	18.09	18.02	18.03			
20	Pl2 BPSK	100	0	18.13	18.13	18.43	19.8		
20	QPSK	1	1	18.35	18.47	18.17			
20	QPSK	1	53	18.15	18.16	18.13	19.8		
20	QPSK	1	104	18.22	18.16	18.17			
20	QPSK	50	0	18.15	18.08	18.14	19.8		
20	QPSK	50	26	18.00	18.16	18.06	19.8		
20	QPSK	50	56	18.00	18.08	18.03			
20	QPSK	100	0	18.10	18.20	18.07			
20	16QAM	1	1	18.33	18.21	18.35	19.8		
20	64QAM	1	1	18.31	18.07	18.13	19.8		
20	256QAM	1	1	18.06	18.18	18.00	19.8		
Channel				371800	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1860	1902.5	(dB)		
15	QPSK	1	1	18.10	18.12	18.13	19.8		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1905	(dB)		
10	QPSK	1	1	18.10	18.12	18.07	19.8		
Channel				372500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5	(dB)		
5	QPSK	1	1	18.11	18.11	18.06	19.8		

n5 Ant0 DSI6 Simultaneous Reuse Full power									
BW (MHz)	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)				831	836.5	839			
20	Pl2 BPSK	1	1	22.15	22.27	22.20			
20	Pl2 BPSK	1	53	22.32	22.11	22.23	24.0		
20	Pl2 BPSK	1	104	22.02	22.01	22.32			
20	Pl2 BPSK	50	0	22.04	22.03	22.35	24.0		
20	Pl2 BPSK	50	26	22.10	22.14	22.11	24.0		
20	Pl2 BPSK	50	56	22.34	22.11	22.04			
20	Pl2 BPSK	100	0	22.33	22.14	22.37	24.0		
20	QPSK	1	1	22.22	22.43	22.22			
20	QPSK	1	53	22.07	22.11	22.04	24.0		
20	QPSK	1	104	22.12	22.13	22.05			
20	QPSK	50	0	22.17	22.21	22.01	24.0		
20	QPSK	50	26	22.17	22.24	22.40	24.0		
20	QPSK	50	56	22.12	22.13	22.10			
20	QPSK	100	0	22.12	22.20	22.04	24.0		
20	16QAM	1	1	22.22	22.34	22.34	24.0		
20	64QAM	1	1	22.34	22.12	22.21	24.0		
20	256QAM	1	1	20.02	20.21	20.02	21.0		
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	(dB)		
15	QPSK	1	1	22.15	22.21	22.01	24.0		
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	(dB)		
10	QPSK	1	1	22.06	22.22	22.22	24.0		
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	(dB)		
5	QPSK	1	1	22.20	22.25	22.10	24.0		

n12 Ant0 DSI6 Simultaneous Reuse Full power									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				704.5	707.5	708.5			
15	Pl2 BPSK	1	1	23.13	23.12	23.07			
15	Pl2 BPSK	1	40	23.11	23.15	22.99	24.0		
15	Pl2 BPSK	1	77	23.08	23.09	23.03			
15	Pl2 BPSK	36	0	22.67	22.67	22.46	23.5		
15	Pl2 BPSK	36	25	22.96	23.07	22.94	24.0		
15	Pl2 BPSK	36	43	22.62	22.81	22.59			
15	Pl2 BPSK	75	0	22.63	22.72	22.66	23.5		
15	QPSK	1	1	23.16	23.21	23.08			
15	QPSK	1	40	23.17	23.19	23.15	24.0		
15	QPSK	1	77	23.15	23.17	23.05			
15	QPSK	36	0	22.17	22.22	22.03	23.0		
15	QPSK	36	25	23.06	23.15	23.08	24.0		
15	QPSK	36	43	22.10	22.19	22.00			
15	QPSK	75	0	22.28	22.28	22.10	23.0		
15	16QAM	1	1	22.16	22.21	22.03	23.0		
15	64QAM	1	1	20.83	20.97	20.80	21.5		
15	256QAM	1	1	18.08	18.83	18.76	19.5		
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711	(dB)		
10	QPSK	1	1	23.08	23.21	23.08	24.0		
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5	(dB)		
5	QPSK	1	1	22.96	23.12	23.05	24.0		



n25 Ant0 DSI6 Simultaneous								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	18.37	18.40	18.20		
20	PI2 BPSK	1	53	18.16	18.28	18.22	19.8	0.0
20	PI2 BPSK	1	104	18.33	18.40	18.31		
20	PI2 BPSK	50	0	18.30	18.38	18.25	19.8	0.0
20	PI2 BPSK	50	28	18.17	18.31	18.22	19.8	0.0
20	PI2 BPSK	50	56	18.23	18.28	18.16		
20	PI2 BPSK	100	0	18.26	18.32	18.19	19.8	0.0
20	QPSK	1	1	18.69	18.70	18.33		
20	QPSK	1	53	18.30	18.38	18.33	19.8	0.0
20	QPSK	1	104	18.38	18.43	18.30		
20	QPSK	50	0	18.30	18.33	18.30	19.8	0.0
20	QPSK	50	28	18.26	18.30	18.21	19.8	0.0
20	QPSK	50	56	18.27	18.34	18.27		
20	QPSK	100	0	18.33	18.41	18.30	19.8	0.0
20	16QAM	1	1	18.42	18.37	18.38	19.8	0.0
20	64QAM	1	1	18.32	18.29	18.31	19.8	0.0
20	256QAM	1	1	18.32	18.38	18.25	19.8	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	18.20	18.24	18.28	19.8	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.21	18.15	18.21	19.8	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	18.25	18.29	18.21	19.8	0.0

n26 Ant0 DSI6 Simultaneous Reuse Full power								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	22.55	22.65	22.49		
20	PI2 BPSK	1	53	22.43	22.58	22.49	24.0	0.0
20	PI2 BPSK	1	104	22.56	22.62	22.45		
20	PI2 BPSK	50	0	22.61	22.67	22.53	24.0	0.0
20	PI2 BPSK	50	28	22.59	22.64	22.56	24.0	0.0
20	PI2 BPSK	50	56	22.45	22.56	22.40		
20	PI2 BPSK	100	0	22.54	22.67	22.61	24.0	0.0
20	QPSK	1	1	22.59	22.73	22.66		
20	QPSK	1	53	22.57	22.64	22.52	24.0	0.0
20	QPSK	1	104	22.62	22.69	22.65		
20	QPSK	50	0	22.59	22.66	22.55	24.0	0.0
20	QPSK	50	28	22.54	22.72	22.63	24.0	0.0
20	QPSK	50	56	22.52	22.63	22.48		
20	QPSK	100	0	22.58	22.72	22.67	24.0	0.0
20	16QAM	1	1	22.63	22.69	22.58	24.0	0.0
20	64QAM	1	1	21.97	22.09	21.92	23.5	0.5
20	256QAM	1	1	19.72	19.77	19.59	21.0	3.0
Channel								
Frequency (MHz)								
15	PI2 BPSK	1	1	22.42	22.69	22.49	24.0	0.0
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	22.48	22.68	22.53	24.0	0.0
Channel								
Frequency (MHz)								
5	PI2 BPSK	1	1	22.53	22.65	22.50	24.0	0.0

n66 Ant0 DSI6 Simultaneous								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI2 BPSK	1	1	18.79	18.84	18.71		
40	PI2 BPSK	1	108	18.37	18.47	18.35	20.5	0.0
40	PI2 BPSK	1	214	18.54	18.61	18.54		
40	PI2 BPSK	108	0	18.44	18.55	18.48	20.5	0.0
40	PI2 BPSK	108	54	18.44	18.52	18.44	20.5	0.0
40	PI2 BPSK	108	108	18.48	18.62	18.54		
40	PI2 BPSK	216	0	18.41	18.51	18.39	20.5	0.0
40	QPSK	1	1	18.89	19.50	18.75		
40	QPSK	1	108	18.49	18.53	18.45	20.5	0.0
40	QPSK	1	214	18.57	18.63	18.52		
40	QPSK	108	0	18.67	18.57	18.74	20.5	0.0
40	QPSK	108	54	18.51	18.61	18.48	20.5	0.0
40	QPSK	108	108	18.59	18.69	18.56		
40	QPSK	216	0	18.65	18.71	18.64	20.5	0.0
40	16QAM	1	1	18.54	18.62	18.53	20.5	0.0
40	64QAM	1	1	18.63	18.77	18.71	20.5	0.0
40	256QAM	1	1	18.67	18.75	18.78	20.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.55	18.71	18.69	20.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.49	18.73	18.60	20.5	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	18.57	18.62	18.58	20.5	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.47	18.67	18.59	20.5	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	18.51	18.64	18.61	20.5	0.0

71 Ant0 DSI6 Simultaneous Reuse Full powern								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 134600	Power Middle Ch. / Freq. 136100	Power High Ch. / Freq. 137600	Tune-up limit (dBm)	MPR (dB)
Channel				675	680.5	685		
Frequency (MHz)				22.89	22.93	22.97		
20	PI2 BPSK	1	1	22.89	22.93	22.97	24.0	0.0
20	PI2 BPSK	1	53	22.83	22.99	22.90		
20	PI2 BPSK	1	104	22.67	22.79	22.59		
20	PI2 BPSK	50	0	22.74	22.84	22.87	24.0	0.0
20	PI2 BPSK	50	24	22.91	22.98	22.90	24.0	0.0
20	PI2 BPSK	50	56	22.77	22.85	22.64	24.0	0.0
20	PI2 BPSK	100	0	22.92	23.01	22.86	24.0	0.0
20	QPSK	1	1	23.02	23.13	22.86		
20	QPSK	1	53	22.89	22.95	22.95		
20	QPSK	1	104	22.63	22.70	22.69	24.0	0.0
20	QPSK	50	0	22.86	22.85	22.84		
20	QPSK	50	28	22.78	22.96	22.81		
20	QPSK	50	55	22.85	22.85	22.80	24.0	0.0
20	QPSK	100	0	22.83	22.97	22.82		
20	16QAM	1	1	22.96	23.08	23.09	24.0	0.0
20	64QAM	1	1	22.25	22.45	22.34	24.0	0.0
20	256QAM	1	1	20.11	20.09	20.08	21.0	3.0
Channel				134100	136100	138100	Tune-up limit	MPR
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)
15	QPSK	1	1	23.02	22.85	22.68	24.0	0.0
Channel				133600	136100	138600	Tune-up limit	MPR
Frequency (MHz)				666	680.5	693	(dBm)	(dB)
10	QPSK	1	1	22.97	23.06	22.89	24.0	0.0
Channel				137100	137100	137100	Tune-up limit	MPR
Frequency (MHz)				686.5	680.5	695.5	(dBm)	(dB)
5	QPSK	1	1	22.88	23.04	22.93	24.0	0.0

n41 Ant0 DSI6 Standalone Reuse Full power PC3

BW [MHz]	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	24.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.96	23.11	22.98	24.0	0.0
100	PI/2 BPSK	1	137	23.22	23.26	23.23		
100	PI/2 BPSK	1	271	23.02	23.14	23.16	23.5	0.5
100	PI/2 BPSK	135	0	22.79	22.78	22.66		
100	PI/2 BPSK	135	69	23.04	23.19	23.08	24.0	0.0
100	PI/2 BPSK	135	138	22.73	22.75	22.68		
100	PI/2 BPSK	270	0	22.53	22.72	22.63	23.5	0.5
100	QPSK	1	1	23.21	23.33	23.25		
100	QPSK	1	137	23.06	23.17	23.00	24.0	0.0
100	QPSK	1	271	23.21	23.23	23.16		
100	QPSK	135	0	22.20	22.22	22.07	23.0	1.0
100	QPSK	135	69	23.06	23.14	23.02		
100	QPSK	135	138	22.21	22.21	22.22	23.0	1.0
100	QPSK	270	0	22.06	22.14	22.02		
100	16QAM	1	1	22.34	22.42	22.39	23.0	1.0
100	64QAM	1	1	20.69	20.86	20.71		
100	256QAM	1	1	18.47	18.61	18.56	19.5	4.5
Channel				508200	518598	528998		
Frequency (MHz)				2541	2592.99	2644.98	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	23.20	23.17	23.13	24.0	0.0
Channel				507204	518598	529998	24.0	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.15	23.24	23.23	24.0	0.0
Channel				506202	518598	531000	24.0	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.12	23.27	23.16	24.0	0.0
Channel				505200	518598	531998	24.0	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.14	23.25	23.23	24.0	0.0
Channel				504204	518598	532998	24.0	0.0
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.04	23.31	23.11	24.0	0.0
Channel				503202	518598	534000	24.0	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.23	23.15	23.15	24.0	0.0
Channel				502200	518598	534998	24.0	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.08	23.31	23.16	24.0	0.0
Channel				501204	518598	535998	24.0	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.13	23.32	23.20	24.0	0.0

n41 Ant0 DSI6 Standalone PC2

BW [MHz]	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	24.7	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.99	23.18	23.05	24.7	0.0
100	PI/2 BPSK	1	137	23.30	23.40	23.39		
100	PI/2 BPSK	1	271	23.11	23.28	23.28	24.7	0.0
100	PI/2 BPSK	135	0	22.85	22.81	22.69		
100	PI/2 BPSK	135	69	23.18	23.24	23.13	24.7	0.0
100	PI/2 BPSK	135	138	22.80	22.89	22.73		
100	PI/2 BPSK	270	0	22.69	22.76	22.67	24.7	0.0
100	QPSK	1	1	23.27	23.41	23.27		
100	QPSK	1	137	23.13	23.29	23.11	24.7	0.0
100	QPSK	1	271	23.23	23.26	23.26		
100	QPSK	135	0	22.32	22.28	22.10	24.7	0.0
100	QPSK	135	69	23.14	23.29	23.06		
100	QPSK	135	138	22.35	22.27	22.33	24.7	0.0
100	QPSK	270	0	22.18	22.20	22.08		
100	16QAM	1	1	22.40	22.55	22.55	24.7	0.0
100	64QAM	1	1	22.07	22.19	22.07		
100	256QAM	1	1	22.03	22.11	21.99	22.5	2.2
Channel				508200	518598	528998	24.7	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.06	22.03	22.01	24.7	0.0
Channel				507204	518598	529998	24.7	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.99	22.08	21.97	24.7	0.0
Channel				506202	518598	531000	24.7	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.99	22.10	21.95	24.7	0.0
Channel				505200	518598	531998	24.7	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.01	22.11	21.98	24.7	0.0
Channel				504204	518598	532998	24.7	0.0
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.99	22.04	21.95	24.7	0.0
Channel				503202	518598	534000	24.7	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.07	22.06	21.94	24.7	0.0
Channel				502200	518598	534998	24.7	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.98	22.02	22.03	24.7	0.0
Channel				501204	518598	535998	24.7	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.06	22.07	21.98	24.7	0.0

n41 Ant0 DSI6 Simultaneous PC3									
BW [MHz]	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	23.2	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	21.70	21.87	21.78	23.2	0.0	
100	PI/2 BPSK	1	137	21.81	21.84	21.73			
100	PI/2 BPSK	1	271	21.69	21.79	21.62	23.2	0.0	
100	PI/2 BPSK	135	0	21.83	21.80	21.80			
100	PI/2 BPSK	135	69	21.72	21.82	21.71	23.2	0.0	
100	PI/2 BPSK	135	138	21.72	21.77	21.79			
100	PI/2 BPSK	270	0	21.85	21.94	21.83	23.2	0.0	
100	QPSK	1	1	22.07	22.19	22.08			
100	QPSK	1	137	21.69	21.89	21.71	23.0	0.2	
100	QPSK	1	271	21.78	21.93	21.83			
100	QPSK	135	0	21.79	21.81	21.78	23.2	0.0	
100	QPSK	135	69	21.78	21.92	21.73			
100	QPSK	135	138	21.76	21.89	21.74	23.0	0.2	
100	QPSK	270	0	21.81	21.89	21.82			
100	16QAM	1	1	21.77	21.74	21.72	23.0	0.2	
100	64QAM	1	1	20.58	20.71	20.66			
100	256QAM	1	1	18.29	18.37	18.23	19.5	3.7	
Channel				508200	518598	528996		MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	22.07	22.10	22.06	23.2	0.0	
Channel				507204	518598	529998		MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	22.06	22.18	22.11	23.2	0.0	
Channel				506202	518598	531000		MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	22.12	22.08	22.11	23.2	0.0	
Channel				505200	518598	531996		MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.10	22.13	22.14	23.2	0.0	
Channel				504204	518598	532998		MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	22.06	22.16	22.08	23.2	0.0	
Channel				503202	518598	534000		MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.06	22.09	22.14	23.2	0.0	
Channel				502200	518598	534996		MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	22.06	22.17	22.07	23.2	0.0	
Channel				501204	518598	535998		MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	22.10	22.10	22.07	23.2	0.0	
Channel									

n41 Ant0 DSI6 Simultaneous PC2									
BW [MHz]	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	23.2	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.12	22.17	22.08	23.2	0.0	
100	PI/2 BPSK	1	137	22.01	22.08	22.00			
100	PI/2 BPSK	1	271	21.95	22.07	21.95	23.2	0.0	
100	PI/2 BPSK	135	0	21.94	22.09	22.03			
100	PI/2 BPSK	135	69	22.03	22.11	22.04	23.2	0.0	
100	PI/2 BPSK	135	138	21.97	22.09	21.99			
100	PI/2 BPSK	270	0	21.93	22.03	21.90	23.2	0.0	
100	QPSK	1	1	22.20	22.31	22.26			
100	QPSK	1	137	21.99	22.06	21.93	23.0	0.2	
100	QPSK	1	271	21.97	22.04	21.98			
100	QPSK	135	0	21.87	22.03	21.88	23.2	0.0	
100	QPSK	135	69	21.96	22.11	21.89			
100	QPSK	135	138	21.97	22.05	21.97	23.0	0.2	
100	QPSK	270	0	21.96	22.06	21.93			
100	16QAM	1	1	22.05	22.13	22.03	23.2	0.0	
100	64QAM	1	1	22.07	22.19	22.07			
100	256QAM	1	1	21.79	21.93	21.85	22.5	0.7	
Channel				508200	518598	528996		MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	22.06	22.03	22.01	23.2	0.0	
Channel				507204	518598	529998		MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	21.99	22.08	21.97	23.2	0.0	
Channel				506202	518598	531000		MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	21.99	22.10	21.95	23.2	0.0	
Channel				505200	518598	531996		MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.01	22.11	21.98	23.2	0.0	
Channel				504204	518598	532998		MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	21.99	22.04	21.95	23.2	0.0	
Channel				503202	518598	534000		MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.07	22.06	21.94	23.2	0.0	
Channel				502200	518598	534996		MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	21.98	22.02	22.03	23.2	0.0	
Channel				501204	518598	535998		MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	22.06	22.07	21.98	23.2	0.0	
Channel									



n2 Ant1 DSI6 Standalone power							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	Pl2 BPSK	1	1	21.47	21.50	21.43	
20	Pl2 BPSK	1	53	21.18	21.29	21.19	22.8
20	Pl2 BPSK	1	104	21.26	21.35	21.25	
20	Pl2 BPSK	50	0	21.13	21.25	21.17	22.8
20	Pl2 BPSK	50	26	21.15	21.26	21.15	0.0
20	Pl2 BPSK	50	56	21.14	21.25	21.13	
20	Pl2 BPSK	100	0	21.18	21.24	21.18	22.8
20	QPSK	1	1	21.42	21.49	21.46	
20	QPSK	1	53	21.18	21.27	21.15	22.8
20	QPSK	1	104	21.22	21.37	21.28	
20	QPSK	50	0	21.22	21.27	21.27	22.8
20	QPSK	50	26	21.14	21.26	21.13	0.0
20	QPSK	50	56	21.11	21.23	21.14	
20	QPSK	100	0	21.21	21.31	21.24	22.8
20	16QAM	1	1	21.27	21.37	21.24	22.8
20	64QAM	1	1	21.19	21.32	21.19	0.0
20	256QAM	1	1	19.75	19.81	19.75	1.8
Channel				371800	376000	380500	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dB)
15	QPSK	1	1	21.33	21.22	21.25	22.8
Channel				371000	376000	381000	Tune-up limit
Frequency (MHz)				1865	1880	1905	(dB)
10	QPSK	1	1	21.25	21.26	21.21	22.8
Channel				371000	376000	381000	Tune-up limit
Frequency (MHz)				1862.5	1880	1907.5	(dB)
5	QPSK	1	1	21.23	21.26	21.23	22.8

n5 Ant1 DSI6 Standalone Reuse Full power							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	Pl2 BPSK	1	1	22.07	22.21	22.15	
20	Pl2 BPSK	1	53	22.86	22.95	22.79	24.0
20	Pl2 BPSK	1	104	22.92	22.98	22.86	
20	Pl2 BPSK	50	0	22.97	23.05	22.87	24.0
20	Pl2 BPSK	50	26	23.05	23.01	23.01	0.0
20	Pl2 BPSK	50	56	22.89	23.05	22.97	
20	Pl2 BPSK	100	0	22.86	23.02	22.84	24.0
20	QPSK	1	1	23.25	23.39	23.29	
20	QPSK	1	53	23.02	23.02	22.94	24.0
20	QPSK	1	104	23.08	23.05	22.92	
20	QPSK	50	0	23.04	23.12	22.93	24.0
20	QPSK	50	26	23.19	23.22	23.10	0.0
20	QPSK	50	56	23.12	23.19	23.10	
20	QPSK	100	0	23.02	23.20	23.14	24.0
20	16QAM	1	1	23.16	23.19	23.24	24.0
20	64QAM	1	1	22.31	22.52	22.44	1.0
20	256QAM	1	1	19.94	20.22	19.96	3.0
Channel				166300	167300	168300	Tune-up limit
Frequency (MHz)				831.5	836.5	841.5	(dB)
15	QPSK	1	1	23.16	23.31	23.01	24.0
Channel				165800	167300	168800	Tune-up limit
Frequency (MHz)				829	836.5	844	(dB)
10	QPSK	1	1	23.06	23.28	23.22	24.0
Channel				165300	167300	168300	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dB)
5	QPSK	1	1	23.20	23.25	23.10	24.0

n7 Ant1 DSI6 Standalone power							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	Pl2 BPSK	1	1	21.31	21.39	21.29	
40	Pl2 BPSK	1	108	21.02	21.09	20.96	22.2
40	Pl2 BPSK	1	214	21.12	21.22	21.12	
40	Pl2 BPSK	108	0	21.02	21.10	20.98	22.2
40	Pl2 BPSK	108	64	20.95	21.01	20.95	0.0
40	Pl2 BPSK	108	108	20.98	21.09	20.95	
40	Pl2 BPSK	216	0	20.92	21.05	20.94	22.2
40	QPSK	1	1	21.33	21.42	21.36	
40	QPSK	1	108	20.94	21.06	20.99	22.2
40	QPSK	1	214	21.04	21.18	21.12	
40	QPSK	108	0	21.10	21.13	21.10	22.2
40	QPSK	108	64	20.99	21.05	21.04	0.0
40	QPSK	108	108	20.99	21.12	21.04	
40	QPSK	216	0	20.99	21.08	20.94	22.2
40	16QAM	1	1	21.26	21.33	21.23	22.2
40	64QAM	1	1	20.96	21.27	20.95	0.0
40	256QAM	1	1	20.05	20.07	19.99	1.2
Channel				0	507000	0	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dB)
30	QPSK	1	1	21.24	21.35	21.28	22.2
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dB)
25	QPSK	1	1	21.23	21.33	21.21	22.2
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dB)
20	QPSK	1	1	21.21	21.29	21.22	22.2
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dB)
15	QPSK	1	1	21.25	21.36	21.22	22.2
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dB)
10	QPSK	1	1	21.26	21.32	21.28	22.2
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dB)
5	QPSK	1	1	21.25	21.30	21.28	22.2



n25 Ant1 DS16 Standalone power								
BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	Power High Ch. / Freq.		
Channel				372000	376500	381000		
Frequency (MHz)				1905	1925	1905		
20	PQ2 BPSK	1	1	21.67	21.68	21.60	22.8	0.0
20	PQ2 BPSK	1	53	21.59	21.67	21.63		
20	PQ2 BPSK	1	104	21.64	21.65	21.59	22.8	0.0
20	PQ2 BPSK	50	0	21.62	21.64	21.59		
20	PQ2 BPSK	50	28	21.57	21.74	21.62	22.8	0.0
20	PQ2 BPSK	50	56	21.60	21.67	21.60		
20	PQ2 BPSK	100	0	21.57	21.67	21.64	22.8	0.0
20	QPSK	1	1	21.72	21.79	21.75		
20	QPSK	1	53	21.62	21.75	21.60	22.8	0.0
20	QPSK	1	104	21.65	21.64	21.71		
20	QPSK	50	0	21.61	21.62	21.66	22.8	0.0
20	QPSK	50	28	21.56	21.71	21.69		
20	QPSK	50	56	21.60	21.63	21.68	22.8	0.0
20	QPSK	100	0	21.41	21.51	21.44		
20	16QAM	1	1	21.59	21.72	21.67	22.8	0.0
20	64QAM	1	1	21.66	21.72	21.62		
20	256QAM	1	1	20.13	20.19	20.15	21.9	1.8
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1862.5	1907.5		
15	QPSK	1	1	21.30	21.04	21.03	22.8	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1862.5	1910		
10	QPSK	1	1	21.05	21.08	21.09	22.8	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1862.5	1912.5		
5	QPSK	1	1	21.05	21.04	21.04	22.8	0.0

n30 Ant1 DS16 Standalone power							
BW [MHz]	Modulation	RB Size	RB Offset	Power			MPR (db)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	
Channel				465000	465000	465000	Tune-up limit (dbm)
Frequency (MHz)				2310	2310	2310	
10	PQ2 BPSK	1	1	21.19	20.81	20.81	22.7
10	PQ2 BPSK	1	26	20.81	20.81	20.81	
10	PQ2 BPSK	1	50	20.77	20.74	20.74	22.7
10	PQ2 BPSK	25	0	20.74	20.73	20.73	
10	PQ2 BPSK	25	14	20.73	20.73	20.73	22.7
10	PQ2 BPSK	25	27	20.75	20.74	20.74	
10	PQ2 BPSK	50	0	20.74	20.74	20.74	22.7
10	QPSK	1	1	21.22	20.83	20.83	
10	QPSK	1	26	20.83	20.83	20.83	22.7
10	QPSK	1	50	20.87	20.79	20.79	
10	QPSK	25	0	20.79	20.79	20.79	22.7
10	QPSK	25	14	20.79	20.79	20.79	
10	QPSK	25	27	20.81	20.81	20.81	22.7
10	QPSK	50	0	20.76	20.76	20.76	
10	16QAM	1	1	20.86	20.86	20.86	22.7
10	64QAM	1	1	21.02	21.02	21.02	
10	256QAM	1	1	19.04	19.04	19.04	21.5
Channel				461500	465000	462500	Tune-up limit (dbm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	1	20.11	20.10	20.15	22.0

n66 Ant1 DS16 Standalone power							
BW [MHz]	Modulation	RB Size	RB Offset	Power			MPR (dB)
				Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				346000	346000	350000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1760	
40	PQ2 BPSK	1	1	21.66	21.61	21.74	23.0
40	PQ2 BPSK	1	108	21.68	21.63	21.77	
40	PQ2 BPSK	1	214	21.70	21.66	21.78	23.0
40	PQ2 BPSK	108	0	21.70	21.63	21.78	
40	PQ2 BPSK	108	54	21.63	21.76	21.75	23.0
40	PQ2 BPSK	108	108	21.70	21.63	21.74	
40	PQ2 BPSK	216	0	21.67	21.79	21.72	23.0
40	QPSK	1	1	21.67	21.61	21.61	
40	QPSK	1	108	21.72	21.77	21.79	23.0
40	QPSK	1	214	21.64	21.78	21.77	
40	QPSK	108	0	21.66	21.79	21.80	23.0
40	QPSK	108	54	21.62	21.66	21.77	
40	QPSK	108	108	21.64	21.79	21.79	23.0
40	QPSK	216	0	21.67	21.66	21.77	
40	16QAM	1	1	21.67	21.76	21.76	23.0
40	64QAM	1	1	21.22	21.36	21.22	
40	256QAM	1	1	20.12	20.29	20.17	21.0
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	QPSK	1	1	21.58	21.52	21.63	23.0
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	21.58	21.52	21.63	23.0
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1717.5 <th>1745</th> <th>1772.5</th>	1745	1772.5	
15	QPSK	1	1	21.58	21.52	21.63	23.0
Channel				342000	349000	356000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	21.58	21.52	21.63	23.0
Channel				342000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	21.58	21.52	21.63	23.0

n71 Ant1 DSI6 Standalone Reuse Full power								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 134600	Power Middle Ch. / Freq. 136100	Power High Ch. / Freq. 137600	Tune-up limit (dBm)	MPR (dB)
Channel				675	680.5	685	24.0	0.0
Frequency (MHz)				22.60	22.78	22.79		
20	PI2 BPSK	1	1	22.60	22.78	22.79		
20	PI2 BPSK	1	53	22.65	22.87	22.79	24.0	0.0
20	PI2 BPSK	1	104	22.63	22.65	22.55		
20	PI2 BPSK	50	0	22.64	22.84	22.85		
20	PI2 BPSK	50	94	22.67	22.88	22.77	24.0	0.0
20	PI2 BPSK	50	56	22.80	22.81	22.61	24.0	0.0
20	PI2 BPSK	100	0	22.69	22.86	22.65		
20	QPSK	1	1	22.73	22.82	22.86		
20	QPSK	1	53	22.81	22.85	22.78	24.0	0.0
20	QPSK	1	104	22.61	22.67	22.65		
20	QPSK	50	0	22.80	22.83	22.81		
20	QPSK	50	28	22.75	22.87	22.71	24.0	0.0
20	QPSK	50	95	22.81	22.81	22.81	24.0	0.0
20	QPSK	100	0	22.68	22.83	22.68		
20	16QAM	1	1	22.70	22.86	22.69		
20	64QAM	1	1	22.19	22.28	22.11	23.0	1.0
20	256QAM	1	1	20.05	20.05	20.00	21.0	3.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5	24.0	0.0
15	QPSK	1	1	22.71	22.88	22.68		
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				666	680.5	693	24.0	0.0
10	QPSK	1	1	22.56	22.84	22.73		
Channel				137100	137600	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				686.5	690.5	695.5	24.0	0.0
5	QPSK	1	1	22.59	22.84	22.70		



n2 Ant1 DSI6 Simultaneous									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1600	1600	1600			
Frequency (MHz)				19.74	20.01	19.84			
20	Pl2 BPSK	1	1	19.74	20.01	19.84			
20	Pl2 BPSK	1	53	19.92	19.81	19.82	21.3		
20	Pl2 BPSK	1	104	19.84	20.02	19.93			
20	Pl2 BPSK	50	0	19.83	19.88	19.89	21.3		
20	Pl2 BPSK	50	26	20.02	19.82	19.83	21.3		
20	Pl2 BPSK	50	56	19.81	19.91	19.73			
20	Pl2 BPSK	100	0	19.77	19.96	19.89	21.3		
20	QPSK	1	1	20.00	20.15	20.00			
20	QPSK	1	53	19.96	19.86	19.86	21.3		
20	QPSK	1	104	19.89	20.10	19.92			
20	QPSK	50	0	19.89	19.95	19.87	21.3		
20	QPSK	50	26	19.89	19.97	19.80	21.3		
20	QPSK	50	56	19.77	19.94	19.94			
20	QPSK	100	0	19.78	19.97	19.82			
20	16QAM	1	1	19.85	19.84	19.94	21.3		
20	64QAM	1	1	19.90	20.05	20.02	21.3		
20	256QAM	1	1	19.95	20.02	19.92	21.0		
Channel				371900	376000	380500	Tune-up limit	MPR	
Frequency (MHz)				1927.5	1960	1902.5	(dBm)	(dB)	
15	QPSK	1	1	19.91	20.10	19.90	21.3		
Channel				371000	370000	381000	Tune-up limit	MPR	
Frequency (MHz)				1865	1880	1905	(dBm)	(dB)	
10	QPSK	1	1	19.92	20.10	19.92	21.3		
Channel				372000	371000	381000	Tune-up limit	MPR	
Frequency (MHz)				1892.5	1880	1907.5	(dBm)	(dB)	
5	QPSK	1	1	19.87	20.06	19.91	21.3		

n5 Ant1 DSI6 Simultaneous Reuse Full power									
BW (MHz)	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	Pl2 BPSK	1	1	22.07	22.21	22.15			
20	Pl2 BPSK	1	53	22.86	22.95	22.79	24.0		
20	Pl2 BPSK	1	104	22.92	22.98	22.86			
20	Pl2 BPSK	50	0	22.97	23.05	22.87	24.0		
20	Pl2 BPSK	50	26	23.05	23.01	23.01	24.0		
20	Pl2 BPSK	50	56	22.89	23.05	22.97			
20	Pl2 BPSK	100	0	22.86	23.02	22.84	24.0		
20	QPSK	1	1	23.25	23.39	23.29			
20	QPSK	1	53	23.02	23.02	22.94	24.0		
20	QPSK	1	104	23.08	23.05	22.92			
20	QPSK	50	0	23.04	23.12	22.93	24.0		
20	QPSK	50	26	23.19	23.22	23.16	24.0		
20	QPSK	50	56	23.12	23.19	23.10			
20	QPSK	100	0	23.02	23.20	23.14	24.0		
20	16QAM	1	1	23.16	23.19	23.24	24.0		
20	64QAM	1	1	22.31	22.52	22.44	23.0		
20	256QAM	1	1	19.94	20.22	19.96	21.0		
Channel				166300	167300	168300	Tune-up limit	MPR	
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)	
15	QPSK	1	1	23.16	23.31	23.01	24.0		
Channel				165800	167300	168800	Tune-up limit	MPR	
Frequency (MHz)				829	836.5	844	(dBm)	(dB)	
10	QPSK	1	1	23.06	23.28	23.22	24.0		
Channel				165300	167300	168300	Tune-up limit	MPR	
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)	
5	QPSK	1	1	23.20	23.25	23.10	24.0		

n7 Ant1 DSI6 Simultaneous									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				506000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	Pl2 BPSK	1	1	19.43	19.23	19.48			
40	Pl2 BPSK	1	108	19.28	19.41	19.32	20.7		
40	Pl2 BPSK	1	214	19.40	19.43	19.41			
40	Pl2 BPSK	108	0	19.04	19.32	19.11	20.7		
40	Pl2 BPSK	108	84	19.24	19.12	19.18	20.7		
40	Pl2 BPSK	108	108	19.12	19.26	19.19			
40	Pl2 BPSK	216	0	19.27	19.34	19.34	20.7		
40	QPSK	1	1	19.43	19.07	19.42			
40	QPSK	1	108	19.38	19.13	19.22	20.7		
40	QPSK	1	214	19.37	19.40	19.31			
40	QPSK	108	0	19.13	19.26	19.15	20.7		
40	QPSK	108	84	19.31	19.08	19.34	20.7		
40	QPSK	108	108	19.17	19.26	19.30			
40	QPSK	216	0	19.09	19.21	19.11	20.7		
40	16QAM	1	1	19.38	19.42	19.31	20.7		
40	64QAM	1	1	19.15	19.31	19.29	20.7		
40	256QAM	1	1	19.06	19.35	19.13	20.7		
Channel				508000	507000	511000	Tune-up limit	MPR	
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)	
30	QPSK	1	1	19.01	19.19	18.98	20.7		
Channel				502500	507000	511500	Tune-up limit	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)	
25	QPSK	1	1	18.97	19.08	19.08	20.7		
Channel				502000	507000	512000	Tune-up limit	MPR	
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)	
20	QPSK	1	1	18.97	19.21	19.00	20.7		
Channel				507500	507000	512500	Tune-up limit	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)	
15	QPSK	1	1	19.05	19.07	18.98	20.7		
Channel				507000	507000	513000	Tune-up limit	MPR	
Frequency (MHz)				2506	2535	2565	(dBm)	(dB)	
10	QPSK	1	1	18.99	19.15	18.97	20.7		
Channel				506500	507000	513500	Tune-up limit	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)	
5	QPSK	1	1	19.01	19.10	19.08	20.7		



n25 Ant1 DSI6 Simultaneous								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000		
Frequency (MHz)				19.94	19.925	19.95		
20	PI2 BPSK	1	1	19.94	20.15	20.09		
20	PI2 BPSK	1	53	20.06	20.04	19.98	21.3	0.0
20	PI2 BPSK	1	104	20.06	20.16	20.12		
20	PI2 BPSK	50	0	20.06	20.14	20.03	21.3	0.0
20	PI2 BPSK	50	28	20.17	20.07	20.06	21.3	0.0
20	PI2 BPSK	50	56	19.96	20.14	19.96		
20	PI2 BPSK	100	0	19.96	20.14	20.07	21.3	0.0
20	QPSK	1	1	20.05	20.20	20.15		
20	QPSK	1	53	19.96	19.92	19.89	21.3	0.0
20	QPSK	1	104	19.93	20.04	19.87		
20	QPSK	50	0	19.89	20.05	19.85	21.3	0.0
20	QPSK	50	29	20.06	20.09	19.88	21.3	0.0
20	QPSK	50	56	19.79	19.86	19.93		
20	QPSK	100	0	19.77	19.98	19.88	21.3	0.0
20	16QAM	1	1	19.83	19.92	19.93	21.3	0.0
20	64QAM	1	1	19.90	20.07	19.95	21.3	0.0
20	256QAM	1	1	20.13	20.19	20.18	21.3	0.3
Channel				371500	376500	381500	Tune-up limit	MPR
Frequency (MHz)				19.875	19.925	19.975	(dBm)	(dB)
15	QPSK	1	1	19.60	19.60	19.60	21.3	0.0
Channel				371000	376500	382000	Tune-up limit	MPR
Frequency (MHz)				19.65	19.65	19.65	(dBm)	(dB)
10	QPSK	1	1	19.66	19.53	19.62	21.3	0.0
Channel				370500	376500	382500	Tune-up limit	MPR
Frequency (MHz)				19.625	19.625	19.625	(dBm)	(dB)
5	QPSK	1	1	19.57	19.62	19.58	21.3	0.0

n30 Ant1 DSI6 Simultaneous								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				465000	465000			
Frequency (MHz)				23.10				
10	PI2 BPSK	1	1	19.77				
10	PI2 BPSK	1	26	19.66			21.2	0.0
10	PI2 BPSK	1	50	19.67				
10	PI2 BPSK	25	0	19.57			21.2	0.0
10	PI2 BPSK	25	14	19.55			21.2	0.0
10	PI2 BPSK	25	27	19.58			21.2	0.0
10	PI2 BPSK	50	0	19.61				
10	QPSK	1	1	20.08				
10	QPSK	1	26	19.69			21.2	0.0
10	QPSK	1	50	19.68				
10	QPSK	25	0	19.58			21.2	0.0
10	QPSK	25	14	19.53			21.2	0.0
10	QPSK	25	27	19.59				
10	QPSK	50	0	19.60			21.2	0.0
10	16QAM	1	1	19.64			21.2	0.0
10	64QAM	1	1	19.71			21.2	0.0
10	256QAM	1	1	19.84			19.5	1.7
Channel				461500	465000	468500	Tune-up limit	MPR
Frequency (MHz)				23.075	23.10	23.125	(dBm)	(dB)
5	QPSK	1	1	19.61	19.55	19.45	21.2	0.0

n66 Ant1 DSI6 Simultaneous								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				17.30	17.45	17.60		
40	PI2 BPSK	1	1	20.15	20.10	20.00		
40	PI2 BPSK	1	108	20.00	19.84	19.92	21.5	0.0
40	PI2 BPSK	1	214	20.11	20.05	20.01		
40	PI2 BPSK	108	0	20.05	20.05	20.02	21.5	0.0
40	PI2 BPSK	108	54	20.08	20.07	20.02	21.5	0.0
40	PI2 BPSK	108	108	20.07	19.99	20.05		
40	PI2 BPSK	216	0	20.11	20.08	20.10	21.5	0.0
40	QPSK	1	1	20.25	20.31	20.13		
40	QPSK	1	108	20.06	20.12	20.07	21.5	0.0
40	QPSK	1	214	20.10	20.18	20.09		
40	QPSK	108	0	20.01	20.00	19.77	21.5	0.0
40	QPSK	108	54	20.19	20.21	20.14	21.5	0.0
40	QPSK	108	108	20.07	20.13	20.06		
40	QPSK	216	0	19.77	19.98	19.87	21.5	0.0
40	16QAM	1	1	20.05	20.14	20.02	21.5	0.0
40	64QAM	1	1	20.07	20.11	19.98	21.5	0.0
40	256QAM	1	1	20.12	20.29	20.17	21.0	0.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				17.25	17.45	17.65	(dBm)	(dB)
30	QPSK	1	1	19.81	19.98	19.79	21.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				17.20	17.45	17.70	(dBm)	(dB)
20	QPSK	1	1	19.73	19.89	19.77	21.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				17.175	17.45	17.725	(dBm)	(dB)
15	QPSK	1	1	19.78	19.97	19.82	21.5	0.0
Channel				342000	349000	356000	Tune-up limit	MPR
Frequency (MHz)				17.15	17.45	17.75	(dBm)	(dB)
10	QPSK	1	1	19.84	19.91	19.82	21.5	0.0
Channel				342000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				17.125	17.45	17.775	(dBm)	(dB)
5	QPSK	1	1	19.79	19.97	19.77	21.5	0.0

n71 Ant1 DSI6 Simultaneous Reuse Full power								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 134600	Power Middle Ch. / Freq. 136100	Power High Ch. / Freq. 137600	Tune-up limit (dBm)	MPR (dB)
Channel				675	680.5	685		
Frequency (MHz)								
20	PI2 BPSK	1	1	22.60	22.78	22.79		
20	PI2 BPSK	1	53	22.65	22.87	22.79	24.0	0.0
20	PI2 BPSK	1	104	22.63	22.65	22.55		
20	PI2 BPSK	50	0	22.64	22.84	22.85	24.0	0.0
20	PI2 BPSK	50	24	22.67	22.88	22.77	24.0	0.0
20	PI2 BPSK	50	56	22.80	22.81	22.61	24.0	0.0
20	PI2 BPSK	100	0	22.69	22.86	22.65		
20	QPSK	1	1	22.73	22.82	22.86		
20	QPSK	1	53	22.81	22.85	22.78	24.0	0.0
20	QPSK	1	104	22.61	22.67	22.65		
20	QPSK	50	0	22.80	22.83	22.81	24.0	0.0
20	QPSK	50	28	22.75	22.87	22.71	24.0	0.0
20	QPSK	50	55	22.81	22.81	22.81	24.0	0.0
20	QPSK	100	0	22.68	22.83	22.68		
20	16QAM	1	1	22.70	22.86	22.69	24.0	0.0
20	64QAM	1	1	22.19	22.25	22.11	23.0	1.0
20	256QAM	1	1	20.05	20.05	20.00	21.0	3.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.71	22.88	22.68	24.0	0.0
Channel				135000	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.55	22.84	22.73	24.0	0.0
Channel				137100	137600	137800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				685.5	690.5	695.5		
5	QPSK	1	1	22.59	22.84	22.70	24.0	0.0

n41 Ant1 DSI6 Standalone power PC3									
BW [MHz]	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	22.4	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	20.83	20.91	20.79	22.4	0.0	
100	PI/2 BPSK	1	137	20.75	20.86	20.79			
100	PI/2 BPSK	1	271	20.72	20.79	20.70			
100	PI/2 BPSK	135	0	20.69	20.76	20.64			
100	PI/2 BPSK	135	69	20.81	20.86	20.78	22.4	0.0	
100	PI/2 BPSK	135	138	20.79	20.85	20.79	22.4	0.0	
100	PI/2 BPSK	270	0	20.73	20.82	20.73			
100	QPSK	1	1	21.07	21.15	21.01	22.4	0.0	
100	QPSK	1	137	20.81	20.89	20.80			
100	QPSK	1	271	20.75	20.84	20.79			
100	QPSK	135	0	20.87	20.92	20.80			
100	QPSK	135	69	20.77	20.93	20.86	22.4	0.0	
100	QPSK	135	138	20.71	20.86	20.80	22.4	0.0	
100	QPSK	270	0	20.77	20.83	20.74			
100	16QAM	1	1	20.75	20.81	20.66	22.4	0.0	
100	64QAM	1	1	19.93	19.92	19.72	21.5	0.9	
100	256QAM	1	1	17.54	17.66	17.56	19.5	2.9	
Channel				508200	518598	528998	22.4	0.0	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	20.98	21.02	20.89	22.4	0.0	
Channel				507204	518598	529998	22.4	0.0	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	20.98	21.01	20.87	22.4	0.0	
Channel				506202	518598	531000	22.4	0.0	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	20.97	21.04	20.89	22.4	0.0	
Channel				505200	518598	531998	22.4	0.0	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	20.94	21.07	20.91	22.4	0.0	
Channel				504204	518598	532998	22.4	0.0	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	20.97	21.03	20.92	22.4	0.0	
Channel				503202	518598	534000	22.4	0.0	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	21.00	21.00	20.88	22.4	0.0	
Channel				502200	518598	534998	22.4	0.0	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	20.94	21.02	20.93	22.4	0.0	
Channel				501204	518598	535998	22.4	0.0	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	20.97	21.08	20.93	22.4	0.0	

n41 Ant1 DSI6 Standalone power PC2									
BW [MHz]	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	22.4	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	20.86	20.96	20.91	22.4	0.0	
100	PI/2 BPSK	1	137	20.78	20.87	20.81			
100	PI/2 BPSK	1	271	20.70	20.79	20.72			
100	PI/2 BPSK	135	0	20.76	20.86	20.73			
100	PI/2 BPSK	135	69	20.78	20.90	20.83	22.4	0.0	
100	PI/2 BPSK	135	138	20.72	20.83	20.75	22.4	0.0	
100	PI/2 BPSK	270	0	20.78	20.91	20.82			
100	QPSK	1	1	21.27	21.31	21.24	22.4	0.0	
100	QPSK	1	137	20.84	20.92	20.80			
100	QPSK	1	271	20.71	20.76	20.85			
100	QPSK	135	0	20.84	20.84	20.82			
100	QPSK	135	69	20.72	20.92	20.79	22.4	0.0	
100	QPSK	135	138	20.69	20.80	20.68	22.4	0.0	
100	QPSK	270	0	20.84	20.91	20.83			
100	16QAM	1	1	20.76	20.88	20.76	22.4	0.0	
100	64QAM	1	1	21.03	21.09	21.04	22.4	0.0	
100	256QAM	1	1	20.83	20.89	20.83	22.4	0.0	
Channel				508200	518598	528998	22.4	0.0	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	21.18	21.27	21.17	22.4	0.0	
Channel				507204	518598	529998	22.4	0.0	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	21.12	21.28	21.17	22.4	0.0	
Channel				506202	518598	531000	22.4	0.0	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	21.19	21.20	21.10	22.4	0.0	
Channel				505200	518598	531998	22.4	0.0	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	21.14	21.25	21.12	22.4	0.0	
Channel				504204	518598	532998	22.4	0.0	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	21.17	21.22	21.11	22.4	0.0	
Channel				503202	518598	534000	22.4	0.0	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	21.21	21.26	21.15	22.4	0.0	
Channel				502200	518598	534998	22.4	0.0	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	21.13	21.29	21.13	22.4	0.0	
Channel				501204	518598	535998	22.4	0.0	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	21.13	21.28	21.10	22.4	0.0	

n41 Ant1 DSI6 Simultaneous PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000	20.9	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	19.19	19.18	19.14	20.9	0.0	
100	PI/2 BPSK	1	137	19.14	19.25	19.27			
100	PI/2 BPSK	1	271	19.17	19.30	19.26			
100	PI/2 BPSK	135	0	19.16	19.30	19.21			
100	PI/2 BPSK	135	69	19.17	19.21	19.19	20.9	0.0	
100	PI/2 BPSK	135	138	19.17	19.19	19.22	20.9	0.0	
100	PI/2 BPSK	270	0	19.18	19.23	19.11	20.9	0.0	
100	QPSK	1	1	19.25	19.31	19.21			
100	QPSK	1	137	19.08	19.34	19.20			
100	QPSK	1	271	19.19	19.23	19.27			
100	QPSK	135	0	19.21	19.31	19.08	20.9	0.0	
100	QPSK	135	69	19.07	19.14	19.21	20.9	0.0	
100	QPSK	135	138	19.13	19.25	19.19	20.9	0.0	
100	QPSK	270	0	19.16	19.33	19.11			
100	16QAM	1	1	19.16	19.28	19.12	20.9	0.0	
100	64QAM	1	1	19.21	19.22	19.22	20.9	0.0	
100	256QAM	1	1	17.24	17.36	17.26	19.5	1.4	
Channel				508200	518598	528998	20.9	0.0	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	19.15	19.20	19.19	20.9	0.0	
Channel				507204	518598	529998	20.9	0.0	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	19.26	19.12	19.23	20.9	0.0	
Channel				506202	518598	531000	20.9	0.0	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.14	19.17	19.14	20.9	0.0	
Channel				505200	518598	531998	20.9	0.0	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.20	19.08	19.22	20.9	0.0	
Channel				504204	518598	532998	20.9	0.0	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	19.15	19.11	19.23	20.9	0.0	
Channel				503202	518598	534000	20.9	0.0	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.22	19.14	19.12	20.9	0.0	
Channel				502200	518598	534998	20.9	0.0	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.27	19.16	19.15	20.9	0.0	
Channel				501204	518598	535998	20.9	0.0	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	19.26	19.11	19.17	20.9	0.0	

n41 Ant1 DSI6 Simultaneous PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000	20.9	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	19.29	19.31	19.25	20.9	0.0	
100	PI/2 BPSK	1	137	19.26	19.36	19.31			
100	PI/2 BPSK	1	271	19.32	19.34	19.31			
100	PI/2 BPSK	135	0	19.30	19.37	19.32			
100	PI/2 BPSK	135	69	19.23	19.29	19.23	20.9	0.0	
100	PI/2 BPSK	135	138	19.23	19.25	19.28	20.9	0.0	
100	PI/2 BPSK	270	0	19.32	19.35	19.25			
100	QPSK	1	1	19.36	19.40	19.35			
100	QPSK	1	137	19.24	19.37	19.25			
100	QPSK	1	271	19.34	19.32	19.32	20.9	0.0	
100	QPSK	135	0	19.32	19.39	19.21	20.9	0.0	
100	QPSK	135	69	19.22	19.29	19.30	20.9	0.0	
100	QPSK	135	138	19.24	19.29	19.28	20.9	0.0	
100	QPSK	270	0	19.29	19.37	19.19			
100	16QAM	1	1	19.29	19.32	19.22	20.9	0.0	
100	64QAM	1	1	19.30	19.25	19.27	20.9	0.0	
100	256QAM	1	1	19.30	19.35	19.22	20.9	0.0	
Channel				508200	518598	528998	20.9	0.0	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	19.24	19.28	19.31	20.9	0.0	
Channel				507204	518598	529998	20.9	0.0	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	19.26	19.33	19.20	20.9	0.0	
Channel				506202	518598	531000	20.9	0.0	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.31	19.32	19.27	20.9	0.0	
Channel				505200	518598	531998	20.9	0.0	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.24	19.37	19.21	20.9	0.0	
Channel				504204	518598	532998	20.9	0.0	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	19.27	19.30	19.26	20.9	0.0	
Channel				503202	518598	534000	20.9	0.0	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.23	19.31	19.31	20.9	0.0	
Channel				502200	518598	534998	20.9	0.0	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.32	19.32	19.32	20.9	0.0	
Channel				501204	518598	535998	20.9	0.0	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	19.25	19.27	19.27	20.9	0.0	



Par27O n77 Ant2 DSI6 Standalone PC3									
BW [MHz]	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	PI2 BPSK	1	1	18.36	18.41	18.36	20.1	0.0	
100	PI2 BPSK	1	137	18.37	18.50	18.37			
100	PI2 BPSK	1	271	18.56	18.57	18.67			
100	PI2 BPSK	135	0	18.25	18.41	18.19	20.1	0.0	
100	PI2 BPSK	135	69	18.39	18.56	18.39	20.1	0.0	
100	PI2 BPSK	135	138	18.35	18.57	18.48	20.1	0.0	
100	PI2 BPSK	270	0	18.33	18.42	18.34	20.1	0.0	
100	QPSK	1	1	18.63	18.77	18.74			
100	QPSK	1	137	18.44	18.61	18.47			
100	QPSK	1	271	18.27	18.47	18.32	20.1	0.0	
100	QPSK	135	0	18.28	18.47	18.35	20.1	0.0	
100	QPSK	135	69	18.52	18.71	18.38	20.1	0.0	
100	QPSK	135	138	18.50	18.53	18.38	20.1	0.0	
100	QPSK	270	0	18.50	18.68	18.62	20.1	0.0	
100	16QAM	1	1	18.64	18.69	18.63			
100	64QAM	1	1	18.33	18.51	18.33			
100	256QAM	1	1	17.96	18.01	17.97	19.5	0.6	
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	17.79	17.80	17.73	20.1	0.0	
Channel				645334	652000	658668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	17.76	17.83	17.77	20.1	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745	3840	3945			
70	QPSK	1	1	17.85	18.15	17.76	20.1	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	17.73	17.82	17.76	20.1	0.0	
Channel				645334	652000	658668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	17.84	18.06	17.88	20.1	0.0	
Channel				649000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	17.75	18.15	17.95	20.1	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	17.68	18.04	17.70	20.1	0.0	
Channel				642334	652000	658668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	17.64	18.02	17.79	20.1	0.0	

Par270 n77 Ant2 DSI6 Standalone PC2									
BW (MHz)	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	PI2 BPSK	1	1	21.24	21.34	21.20		23.1	0.0
100	PI2 BPSK	1	137	21.33	21.44	21.32			
100	PI2 BPSK	1	271	21.50	21.60	21.54			
100	PI2 BPSK	135	0	21.20	21.29	21.16	23.1	0.0	
100	PI2 BPSK	135	69	21.29	21.43	21.32	23.1	0.0	
100	PI2 BPSK	135	138	21.29	21.41	21.35	23.1	0.0	
100	PI2 BPSK	270	0	21.28	21.37	21.24		23.1	0.0
100	QPSK	1	1	21.55	21.69	21.64			
100	QPSK	1	137	21.39	21.49	21.38			
100	QPSK	1	271	21.21	21.36	21.23		23.1	0.0
100	QPSK	135	0	21.23	21.32	21.23	23.1	0.0	
100	QPSK	135	69	21.41	21.48	21.33	23.1	0.0	
100	QPSK	135	138	21.35	21.41	21.33	23.1	0.0	
100	QPSK	270	0	21.37	21.43	21.36		23.1	0.0
100	16QAM	1	1	21.50	21.61	21.56	23.1		
100	64QAM	1	1	21.42	21.55	21.49	23.1		
100	256QAM	1	1	21.21	21.26	21.21	23.0	0.1	
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	20.86	20.93	20.90	23.1	0.0	
Channel				649334	652000	658668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	21.09	20.84	21.08	23.1	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745	3840	3945			
70	QPSK	1	1	20.81	21.05	20.80	23.1	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	20.59	20.86	21.11	23.1	0.0	
Channel				645334	652000	658668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.00	20.90	20.82	23.1	0.0	
Channel				649000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	20.81	21.02	21.06	23.1	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	20.91	21.07	20.75	23.1	0.0	
Channel				642334	652000	658668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	20.95	20.84	20.96	23.1	0.0	

Par27Q n77 Ant2 DSI6 Standalone PC3									
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				633334	633334	633334			
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		18.83		20.1	0.0	
100	PI2 BPSK	1	137		18.79				
100	PI2 BPSK	1	271		18.68				
100	PI2 BPSK	135	0		18.88		20.1	0.0	
100	PI2 BPSK	135	69		18.84				
100	PI2 BPSK	135	138		18.88				
100	PI2 BPSK	270	0		18.79		20.1	0.0	
100	QPSK	1	1		18.85		20.1	0.0	
100	QPSK	1	137		18.82				
100	QPSK	1	271		18.73				
100	QPSK	135	0		18.79		20.1	0.0	
100	QPSK	135	69		18.68				
100	QPSK	135	138		18.76				
100	QPSK	270	0		18.77		20.1	0.0	
100	16QAM	1	1		18.85		20.1	0.0	
100	16QAM	1	1		18.66		20.1	0.0	
100	256QAM	1	1		18.50		19.5	0.6	
Channel				633000	633334	633668	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	18.92	18.02	18.04	20.1	0.0	
Channel				633200	633334	634000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	18.92	18.98	19.96	20.1	0.0	
Channel				633234	633334	634334	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	18.95	18.91	18.03	20.1	0.0	
Channel				633200	633334	634668	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.92	18.96	18.03	20.1	0.0	
Channel				633166	633334	635000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	18.90	18.02	19.96	20.1	0.0	
Channel				633134	633334	635334	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.00	18.99	18.04	20.1	0.0	
Channel				3470	3500	3530	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3467.95	3494.5	3494.05			
30	QPSK	1	1	18.92	18.01	18.08	20.1	0.0	
Channel				3466.68	3500.01	3500.01	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3466.02	3500.01	3540			
20	QPSK	1	1	18.93	18.95	18.02	20.1	0.0	



Par27Q n77 Ant2 DSI6 Standalone PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)									
100	Pi2 BPSK	1	1		21.83				
100	Pi2 BPSK	1	137		21.73		23.1	0.0	
100	Pi2 BPSK	1	271		21.81				
100	Pi2 BPSK	135	0		21.77				
100	Pi2 BPSK	135	69		21.78		23.1	0.0	
100	Pi2 BPSK	135	138		21.69				
100	Pi2 BPSK	270	0		21.73		23.1	0.0	
100	QPSK	1	1		21.86				
100	QPSK	1	137		21.76		23.1	0.0	
100	QPSK	1	271		21.80				
100	QPSK	135	0		21.70				
100	QPSK	135	69		21.88		23.1	0.0	
100	QPSK	135	138		21.67				
100	QPSK	270	0		21.79		23.1	0.0	
100	16QAM	1	1		21.68		23.1	0.0	
100	64QAM	1	1		21.84		23.1	0.0	
100	256QAM	1	1		20.91		22.5	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
90	QPSK	1	1		21.82	21.76	21.76	23.1	0.0
Channel				3350.02	633333	633000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
80	QPSK	1	1		3490.02	3500.01	3510	23.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
70	QPSK	1	1		21.77	21.76	21.76	23.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
60	QPSK	1	1		21.82	21.77	21.83	23.1	0.0
Channel				3475.02	633333	633000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
50	QPSK	1	1		21.82	21.73	21.82	23.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
40	QPSK	1	1		21.77	21.69	21.76	23.1	0.0
Channel				3350.02	633333	633000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
30	QPSK	1	1		21.77	21.69	21.76	23.1	0.0
Channel				3480.02	3500.01	3540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
20	QPSK	1	1		21.77	21.69	21.76	23.1	0.0

Part270 n78 Ant2 DSI6 Standalone PC3									
BW (MHz)	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	Pi2 BPSK	1	1		17.93				
100	Pi2 BPSK	1	137		17.99		20.1	0.0	
100	Pi2 BPSK	1	271		18.11				
100	Pi2 BPSK	135	0		17.92		20.1	0.0	
100	Pi2 BPSK	135	69		18.03		20.1	0.0	
100	Pi2 BPSK	135	138		18.10		20.1	0.0	
100	Pi2 BPSK	270	0		18.19		20.1	0.0	
100	QPSK	1	1		18.21				
100	QPSK	1	137		18.08		20.1	0.0	
100	QPSK	1	271		17.98				
100	QPSK	135	0		17.98		20.1	0.0	
100	QPSK	135	69		18.03		20.1	0.0	
100	QPSK	135	138		17.98		20.1	0.0	
100	QPSK	270	0		17.99		20.1	0.0	
100	16QAM	1	1		18.12		20.1	0.0	
100	64QAM	1	1		18.07		20.1	0.0	
100	256QAM	1	1		17.98		20.1	0.0	
Channel				648668	650000	650334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3745.02	3756	3750.01			
90	QPSK	1	1		17.77	17.78	17.49	20.1	0.0
Channel				648334	650000	650668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		17.68	17.52	17.58	20.1	0.0
Channel				648000	650000	651000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		17.68	17.76	17.76	20.1	0.0
Channel				648668	650000	651334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3730.02	3756	3770.01			
60	QPSK	1	1		17.75	17.80	17.75	20.1	0.0
Channel				648334	650000	651668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		17.65	17.70	17.57	20.1	0.0
Channel				648000	650000	652000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		17.89	17.80	17.53	20.1	0.0
Channel				647668	650000	652334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3715.02	3756	3785.01			
30	QPSK	1	1		17.90	17.72	17.65	20.1	0.0
Channel				647334	650000	652668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		17.91	17.67	17.50	20.1	0.0

Part270 n78 Ant2 DSI6 Standalone PC2									
BW (MHz)	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	Pi2 BPSK	1	1		20.95				
100	Pi2 BPSK	1	137		21.06		23.1	0.0	
100	Pi2 BPSK	1	271		21.17				
100	Pi2 BPSK	135	0		20.93		23.1	0.0	
100	Pi2 BPSK	135	69		21.06		23.1	0.0	
100	Pi2 BPSK	135	138		20.99		23.1	0.0	
100	Pi2 BPSK	270	0		21.00		23.1	0.0	
100	QPSK	1	1		21.25				
100	QPSK	1	137		21.16		23.1	0.0	
100	QPSK	1	271		20.90				
100	QPSK	135	0		20.88		23.1	0.0	
100	QPSK	135	69		21.06		23.1	0.0	
100	QPSK	135	138		20.99		23.1	0.0	
100	QPSK	270	0		21.07		23.1	0.0	
100	16QAM	1	1		21.17		23.1	0.0	
100	64QAM	1	1		21.18		23.1	0.0	
100	256QAM	1	1		21.01		23.0	0.1	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		20.75	20.68	20.58	23.1	0.0
Channel				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		20.46	20.62	20.38	23.1	0.0
Channel				648000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		20.68	20.60	20.64	23.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		20.67	20.77	20.64	23.1	0.0
Channel				648334	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		20.70	20.48	20.38	23.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		20.48	20.50	20.52	23.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		20.47	20.57	20.49	23.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		20.64	20.46	20.61	23.1	0.0

Par27Q n78 Ant2 DSI6 Standalone PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)				633334		3500.01			
100	PI2 BPSK	1	1		18.72				
100	PI2 BPSK	1	137		18.67		20.1		0.0
100	PI2 BPSK	1	271		18.79				
100	PI2 BPSK	135	0		18.77				
100	PI2 BPSK	135	69		18.69		20.1		0.0
100	PI2 BPSK	135	138		18.77				
100	PI2 BPSK	270	0		18.70		20.1		0.0
100	QPSK	1	1		18.74				
100	QPSK	1	137		18.65		20.1		0.0
100	QPSK	1	271		18.62				
100	QPSK	135	0		18.76				
100	QPSK	135	69		18.65		20.1		0.0
100	QPSK	135	138		18.63				
100	QPSK	270	0		18.68		20.1		0.0
100	16QAM	1	1		18.57		20.1		0.0
100	64QAM	1	1		18.65		20.1		0.0
100	256QAM	1	1		18.15		20.0		0.6
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		18.12	18.22	18.05	20.1	0.0
Channel				632008	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		18.13	18.13	18.04	20.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		18.15	18.19	18.94	20.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		18.20	18.18	18.04	20.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		18.14	18.12	18.94	20.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		18.18	18.24	18.05	20.1	0.0
Channel				3470	3500	3530	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				-5847.95	-5847.5	-5847.05			
30	QPSK	1	1		18.11	18.12	18.98	20.1	0.0
Channel				632008	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480.02	3500.01	3540			
20	QPSK	1	1		18.17	18.15	18.06	20.1	0.0

Par27Q n78 Ant2 DSI6 Standalone PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		21.73				
100	PI2 BPSK	1	137		21.67		23.1		0.0
100	PI2 BPSK	1	271		21.77				
100	PI2 BPSK	135	0		21.62		19.6		3.5
100	PI2 BPSK	135	69		21.74		23.1		0.0
100	PI2 BPSK	135	138		21.82		19.6		3.5
100	PI2 BPSK	270	0		21.59		23.1		0.0
100	QPSK	1	1		21.81				
100	QPSK	1	137		21.80		23.1		0.0
100	QPSK	1	271		21.71				
100	QPSK	135	0		21.55		19.6		3.5
100	QPSK	135	69		21.80		23.1		0.0
100	QPSK	135	138		21.59		19.6		3.5
100	QPSK	270	0		21.68		23.1		0.0
100	16QAM	1	1		21.52		23.1		0.0
100	64QAM	1	1		21.51		23.1		0.0
100	256QAM	1	1		20.59		22.5		0.8
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	21.23	21.23	21.03	23.1		0.0
Channel				632008	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480.02	3500.01	3510			
80	QPSK	1	1	21.14	21.22	21.05	23.1		0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	21.11	21.25	20.98	23.1		0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	21.14	21.12	21.07	23.1		0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	21.23	21.18	21.01	23.1		0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	21.15	21.12	21.03	23.1		0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	21.17	21.23	20.95	23.1		0.0
Channel				632008	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480.02	3500.01	3540			
20	QPSK	1	1	21.14	21.21	20.96	23.1		0.0

Par270 n77 Ant2 DSI6 Simultaneous PC3									
BW [MHz]	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	PI2 BPSK	1	1	17.05	17.14	17.10			
100	PI2 BPSK	1	137	17.27	17.30	17.21	18.6	0.0	
100	PI2 BPSK	1	271	17.25	17.23	17.23			
100	PI2 BPSK	135	0	17.12	17.13	17.21	18.6	0.0	
100	PI2 BPSK	135	69	17.20	17.16	17.17	18.6	0.0	
100	PI2 BPSK	135	138	17.25	17.29	17.29			
100	PI2 BPSK	270	0	17.13	17.31	17.02	18.6	0.0	
100	QPSK	1	1	17.28	17.40	17.17			
100	QPSK	1	137	17.19	17.13	17.05	18.6	0.0	
100	QPSK	1	271	17.20	17.26	17.19			
100	QPSK	135	0	17.18	17.20	17.14	18.6	0.0	
100	QPSK	135	69	17.13	17.21	17.11	18.6	0.0	
100	QPSK	135	138	17.19	17.02	17.04	18.6	0.0	
100	QPSK	270	0	17.14	17.20	17.16			
100	16QAM	1	1	17.17	17.35	17.35	18.6	0.0	
100	16QAM	1	1	16.99	17.16	17.09	18.6	0.0	
100	256QAM	1	1	16.96	17.01	16.97	18.6	0.0	
Channel				649668	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	16.16	16.32	16.39	18.6	0.0	
Channel				651214	650000	642663	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	16.27	16.34	16.35	18.6	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725	3840	3945			
70	QPSK	1	1	16.18	16.23	16.31	18.6	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	16.21	16.29	16.33	18.6	0.0	
Channel				648334	650000	663663	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	16.25	16.21	16.36	18.6	0.0	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	16.23	16.27	16.30	18.6	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	16.18	16.30	16.25	18.6	0.0	
Channel				-6000	-6000	-6000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
20	QPSK	1	1	16.26	16.27	16.39	18.6	0.0	

Par270 n77 Ant2 DSI6 Simultaneous PC2									
BW [MHz]	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	PI2 BPSK	1	1	20.16	20.24	20.21			
100	PI2 BPSK	1	137	20.32	20.39	20.24	21.6	0.0	
100	PI2 BPSK	1	271	20.36	20.40	20.39			
100	PI2 BPSK	135	0	20.25	20.22	20.25	21.6	0.0	
100	PI2 BPSK	135	69	20.24	20.33	20.28	21.6	0.0	
100	PI2 BPSK	135	138	20.35	20.33	20.36			
100	PI2 BPSK	270	0	20.24	20.39	20.09	21.6	0.0	
100	QPSK	1	1	20.36	20.43	20.33			
100	QPSK	1	137	20.30	20.28	20.20	21.6	0.0	
100	QPSK	1	271	20.34	20.40	20.33			
100	QPSK	135	0	20.31	20.32	20.26	21.6	0.0	
100	QPSK	135	69	20.27	20.34	20.19	21.6	0.0	
100	QPSK	135	138	20.30	20.11	20.21	21.6	0.0	
100	QPSK	270	0	20.27	20.31	20.19			
100	16QAM	1	1	20.30	20.38	20.42	21.6	0.0	
100	16QAM	1	1	20.33	20.12	20.14	21.6	0.0	
100	256QAM	1	1	20.24	20.13	20.22	21.6	0.0	
Channel				648668	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.13	19.25	19.15	21.6	0.0	
Channel				649334	650000	642663	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	19.16	19.18	19.16	21.6	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725	3840	3945			
70	QPSK	1	1	19.15	19.28	19.17	21.6	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	19.08	19.23	19.14	21.6	0.0	
Channel				648334	650000	663663	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	19.17	19.22	19.13	21.6	0.0	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.09	19.20	19.14	21.6	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	19.11	19.19	19.14	21.6	0.0	
Channel				647334	650000	664663	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	19.15	19.27	19.12	21.6	0.0	

Par27Q n77 Ant2 DSI6 Simultaneous PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633334	633668			
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1			17.20			
100	PI2 BPSK	1	137			17.11	18.6	0.0	
100	PI2 BPSK	1	271			16.98			
100	PI2 BPSK	135	0			17.13			
100	PI2 BPSK	135	69			16.94	18.6	0.0	
100	PI2 BPSK	135	138			16.90			
100	PI2 BPSK	270	0			16.96	18.6	0.0	
100	QPSK	1	1			17.25			
100	QPSK	1	137			17.21	18.6	0.0	
100	QPSK	1	271			17.10			
100	QPSK	135	0			17.13			
100	QPSK	135	69			17.25	18.6	0.0	
100	QPSK	135	138			17.05			
100	QPSK	270	0			17.16	18.6	0.0	
100	16QAM	1	1			16.85	18.6	0.0	
100	64QAM	1	1			17.26	18.6	0.0	
100	256QAM	1	1			16.99	18.6	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	16.69	16.71	16.69	18.6	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	16.54	16.76	16.69	18.6	0.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	16.60	16.79	16.64	18.6	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	16.55	16.75	16.68	18.6	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525.05			
50	QPSK	1	1	16.62	16.75	16.61	18.6	0.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3520.01			
40	QPSK	1	1	16.57	16.68	16.67	18.6	0.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	16.64	16.67	16.68	18.6	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540.01			
20	QPSK	1	1	16.54	16.69	16.64	18.6	0.0	

Par27Q n77 Ant2 DSi6 Simultaneous PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334		3500.01	
Frequency (MHz)								
100	Pi2 BPSK	1	1		20.40		21.6	0.0
100	Pi2 BPSK	1	137		20.38			
100	Pi2 BPSK	1	271		20.31		21.6	0.0
100	Pi2 BPSK	135	0		20.40			
100	Pi2 BPSK	135	69		20.31		21.6	0.0
100	Pi2 BPSK	135	138		20.29		21.6	0.0
100	Pi2 BPSK	270	0		20.32		21.6	0.0
100	QPSK	1	1		20.45			
100	QPSK	1	137		20.44		21.6	0.0
100	QPSK	1	271		20.36		21.6	0.0
100	QPSK	135	0		20.38			
100	QPSK	135	69		20.41		21.6	0.0
100	QPSK	135	138		20.24		21.6	0.0
100	QPSK	270	0		20.36		21.6	0.0
100	16QAM	1	1		20.19		21.6	0.0
100	64QAM	1	1		20.41		21.6	0.0
100	256QAM	1	1		20.31		21.6	0.0
Channel				633000	633334	633688	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485	3500.01	3505.02		
90	QPSK	1	1		20.01	20.08	20.04	21.6 0.0
Channel				635000	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1		20.03	20.02	20.04	21.6 0.0
Channel				632000	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3486.01	3500.01	3515.01		
70	QPSK	1	1		19.92	20.06	20.08	21.6 0.0
Channel				632000	633334	634688	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1		19.84	19.98	20.07	21.6 0.0
Channel				631000	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1		20.01	20.02	20.04	21.6 0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1		19.94	20.04	20.11	21.6 0.0
Channel				631000	633334	635688	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1		19.93	20.00	20.08	21.6 0.0
Channel				630000	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1		20.00	20.08	20.05	21.6 0.0

Part27O n78 Ant2 DSi6 Simultaneous PC3

BW [MHz]	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	Pi2 BPSK	1	1		17.14			
100	Pi2 BPSK	1	137		17.29		18.6	0.0
100	Pi2 BPSK	1	271		17.21			
100	Pi2 BPSK	135	0		17.08		18.6	0.0
100	Pi2 BPSK	135	69		17.09		18.6	0.0
100	Pi2 BPSK	135	138		17.31		18.6	0.0
100	Pi2 BPSK	270	0		17.37			
100	QPSK	1	1		17.42			
100	QPSK	1	137		17.31		18.6	0.0
100	QPSK	1	271		17.21			
100	QPSK	135	0		17.25		18.6	0.0
100	QPSK	135	69		17.27		18.6	0.0
100	QPSK	135	138		17.00		18.6	0.0
100	QPSK	270	0		17.24			
100	16QAM	1	1		17.34		18.6	0.0
100	64QAM	1	1		17.18		18.6	0.0
100	256QAM	1	1		17.16		18.6	0.0
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1		16.92	16.97	16.90	18.6 0.0
Channel				648334	650000	650568	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1		16.90	16.97	16.90	18.6 0.0
Channel				648000	650000	651080	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738	3750	3762		
70	QPSK	1	1		16.92	16.97	16.89	18.6 0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1		16.98	16.94	16.82	18.6 0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1		16.96	16.99	16.93	18.6 0.0
Channel				648000	650000	652080	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3782		
40	QPSK	1	1		16.95	16.92	16.95	18.6 0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1		17.00	17.01	16.95	18.6 0.0
Channel				648334	650000	652568	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1		17.00	17.00	16.95	18.6 0.0

Part27O n78 Ant2 DSi6 Simultaneous PC2

BW [MHz]	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	Pi2 BPSK	1	1		20.24			
100	Pi2 BPSK	1	137		20.40		21.6	0.0
100	Pi2 BPSK	1	271		20.38			
100	Pi2 BPSK	135	0		20.27		21.6	0.0
100	Pi2 BPSK	135	69		20.34		21.6	0.0
100	Pi2 BPSK	135	138		20.38			
100	Pi2 BPSK	270	0		20.26		21.6	0.0
100	QPSK	1	1		20.41			
100	QPSK	1	137		20.24		21.6	0.0
100	QPSK	1	271		20.40			
100	QPSK	135	0		20.30		21.6	0.0
100	QPSK	135	69		20.31		21.6	0.0
100	QPSK	135	138		20.13		21.6	0.0
100	QPSK	270	0		19.76			
100	16QAM	1	1		20.37		21.6	0.0
100	64QAM	1	1		20.05		21.6	0.0
100	256QAM	1	1		20.13		21.6	0.0
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1		16.90	16.82	16.71	21.6 0.0
Channel				648334	650000	650568	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1		16.98	16.84	16.66	21.6 0.0
Channel				648000	650000	651080	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738	3750	3762		
70	QPSK	1	1		16.99	16.88	16.70	21.6 0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1		20.00	19.80	19.63	21.6 0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1		19.90	19.84	19.74	21.6 0.0
Channel				648000	650000	652080	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3782		
40	QPSK	1	1		20.00	19.87	19.74	21.6 0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1		16.94	16.79	16.74	21.6 0.0
Channel				648334	650000	652568	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1		16.97	16.88	16.83	21.6 0.0

Par27Q n78 Ant2 DS16 Simultaneous PC3										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				633334		3500.01				
Frequency (MHz)										
100	PI2 BPSK	1	1		17.18			18.6	0.0	
100	PI2 BPSK	1	137		17.25					
100	PI2 BPSK	1	271		17.11					
100	PI2 BPSK	135	0		17.28			18.6	0.0	
100	PI2 BPSK	135	69		17.06					
100	PI2 BPSK	135	138		17.09					
100	PI2 BPSK	270	0		16.98			18.6	0.0	
100	QPSK	1	1		17.27					
100	QPSK	1	137		17.25					
100	QPSK	1	271		17.18			18.6	0.0	
100	QPSK	135	0		17.19					
100	QPSK	135	69		17.22					
100	QPSK	135	138		17.15			18.6	0.0	
100	QPSK	270	0		17.18					
100	16QAM	1	1		17.08					
100	64QAM	1	1		17.04			18.6	0.0	
100	256QAM	1	1		16.85					
Channel				633000	633334	633668	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3495	3500.01	3505.02				
90	QPSK	1	1	16.59	16.80	16.68	18.6	0.0		
Channel				632000	633334	634000	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3490.02	3500.01	3510				
80	QPSK	1	1	16.59	16.78	16.68	18.6	0.0		
Channel				632334	633334	634334	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01				
70	QPSK	1	1	16.51	16.76	16.60	18.6	0.0		
Channel				632000	633334	634668	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3480	3500.01	3520.02				
60	QPSK	1	1	16.59	16.69	16.60	18.6	0.0		
Channel				631000	633334	635000	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3475.02	3500.01	3525.01				
50	QPSK	1	1	16.59	16.68	16.58	18.6	0.0		
Channel				631334	633334	635334	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01				
40	QPSK	1	1	16.54	16.67	16.57	18.6	0.0		
Channel				631000	633334	635668	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3465	3500.01	3535.02				
30	QPSK	1	1	16.60	16.71	16.68	18.6	0.0		
Channel				632000	633334	635000	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3460.02	3500.01	3540				
20	QPSK	1	1	16.52	16.73	16.61	18.6	0.0		

Par27Q n78 Ant2 DSI6 Simultaneous PC3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				633334		3500.01				
Frequency (MHz)						3500.01				
100	PI2 BPSK	1	1		20.29		21.6	0.0		
100	PI2 BPSK	1	137		20.24					
100	PI2 BPSK	1	271		20.21					
100	PI2 BPSK	135	0		20.35		21.6	0.0		
100	PI2 BPSK	135	69		20.26					
100	PI2 BPSK	135	138		20.19					
100	PI2 BPSK	270	0		20.22		21.6	0.0		
100	QPSK	1	1		20.43					
100	QPSK	1	137		20.34					
100	QPSK	1	271		20.21		21.6	0.0		
100	QPSK	135	0		20.27					
100	QPSK	135	69		20.31					
100	QPSK	135	138		20.17		21.6	0.0		
100	QPSK	270	0		20.23					
100	16QAM	1	1		20.10					
100	64QAM	1	1		20.32		21.6	0.0		
100	256QAM	1	1		20.20					
Channel				633000	633334	633668	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02				
90	QPSK	1	1	19.87	19.97	19.72	21.6			0.0
Channel				632000	633334	634000	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510				
80	QPSK	1	1	19.98	19.97	19.84	21.6			0.0
Channel				632334	633334	634334	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01				
70	QPSK	1	1	19.95	19.98	19.73	21.6			0.0
Channel				632000	633334	634668	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02				
60	QPSK	1	1	19.93	19.89	19.77	21.6			0.0
Channel				631000	633334	635000	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525				
50	QPSK	1	1	19.99	19.97	19.78	21.6			0.0
Channel				631334	633334	635334	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01				
40	QPSK	1	1	19.89	19.87	19.74	21.6			0.0
Channel				631000	633334	635668	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02				
30	QPSK	1	1	19.93	19.91	19.83	21.6			0.0
Channel				632000	633334	635000	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540				
20	QPSK	1	1	19.92	19.90	19.74	21.6			0.0



Part270 n78_PC3 Ant7 DSI6 Standalone&Simultaneous									
BW [MHz]	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		22.83				
100	PV2 BPSK	1	137		22.43		24.0	0.0	
100	PV2 BPSK	1	271		22.28				
100	PV2 BPSK	135	0		22.14		23.5	0.5	
100	PV2 BPSK	135	6		22.14		23.5	0.0	
100	PV2 BPSK	135	138		21.85				
100	PV2 BPSK	270	0		21.91		23.5	0.5	
100	QPSK	1	1		22.58				
100	QPSK	1	137		22.45		24.0	0.0	
100	QPSK	1	271		22.28				
100	QPSK	135	0		21.62		23.0	1.0	
100	QPSK	135	6		22.36		24.0	0.0	
100	QPSK	135	138		21.28		23.0	1.0	
100	QPSK	270	0		21.38				
100	16QAM	1	1		21.58		23.0	1.0	
100	64QAM	1	1		20.34		21.5	2.5	
100	256QAM	1	1		18.21		19.5	4.5	
Channel				649868	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		22.45	22.62	22.35	24.0	0.0
Channel				649324	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		22.42	22.54	22.34	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		22.51	22.54	22.45	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		22.31	22.58	22.37	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		22.40	22.63	22.50	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		22.52	22.44	22.36	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		22.36	22.60	22.47	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		22.40	22.55	22.50	24.0	0.0

Part270 n78_PC2 Ant7 DSI6 Standalone&Simultaneous									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		25.54				
100	PV2 BPSK	1	137		25.51		27.0	0.0	
100	PV2 BPSK	1	271		25.36				
100	PV2 BPSK	135	0		25.46		28.5	0.5	
100	PV2 BPSK	135	69		25.42		27.0	0.0	
100	PV2 BPSK	135	138		25.21				
100	PV2 BPSK	270	0		25.38		28.5	0.5	
100	QPSK	1	1		25.58				
100	QPSK	1	137		25.42		27.0	0.0	
100	QPSK	1	271		25.32				
100	QPSK	135	0		25.04		28.0	1.0	
100	QPSK	135	69		25.37		27.0	0.0	
100	QPSK	135	138		24.71		28.0	1.0	
100	QPSK	270	0		25.02				
100	16QAM	1	1		25.07		28.0	1.0	
100	64QAM	1	1		23.74		24.5	2.5	
100	256QAM	1	1		21.69		22.5	4.5	
Channel				649688	650000	650334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		25.35	25.38	25.32	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		25.31	25.43	25.36	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		25.34	25.45	25.34	27.0	0.0
Channel				648688	650000	651334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		25.28	25.42	25.31	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		25.30	25.46	25.34	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		25.32	25.40	25.38	27.0	0.0
Channel				647688	650000	652334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		25.32	25.42	25.40	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		25.31	25.45	25.41	27.0	0.0

Part27Q n78_PC3 Ant7 DSI6 Standalone&Simultaneous									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PV2 BPSK	1	1		23.03				
100	PV2 BPSK	1	137		22.98		24.0	0.0	
100	PV2 BPSK	1	271		23.00				
100	PV2 BPSK	135	0		22.75				
100	PV2 BPSK	135	69		23.13		24.0	0.0	
100	PV2 BPSK	135	138		22.58				
100	PV2 BPSK	270	0		22.64		24.0	0.5	
100	QPSK	1	1		23.19				
100	QPSK	1	137		22.95		24.0	0.0	
100	QPSK	1	271		22.98				
100	QPSK	135	0		22.17				
100	QPSK	135	69		23.17		24.0	0.0	
100	QPSK	135	138		22.05				
100	QPSK	270	0		22.25		24.0	1.0	
100	16QAM	1	1		22.36		24.0	1.0	
100	64QAM	1	1		20.83		24.0	2.5	
100	256QAM	1	1		18.78		24.0	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		22.98	23.07	23.05	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		23.04	23.04	23.06	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		23.07	23.08	23.05	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		22.97	23.07	22.99	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		23.06	23.04	23.04	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		22.98	23.06	23.04	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		23.02	23.03	23.01	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		22.97	23.04	23.07	24.0	0.0

Part27Q n78_PC2 Ant7 DSI6 Standalone&Simultaneous									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			27.0	0.0	
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		26.21		23.5	3.5	
100	PI2 BPSK	1	137		26.18				
100	PI2 BPSK	1	271		26.02		27.0	0.0	
100	PI2 BPSK	135	0		26.10				
100	PI2 BPSK	135	69		26.12		23.5	3.5	
100	PI2 BPSK	135	138		26.09				
100	PI2 BPSK	270	0		26.05		26.5	0.5	
100	QPSK	1	1		26.25				
100	QPSK	1	137		26.13		23.5	3.5	
100	QPSK	1	271		26.06				
100	QPSK	135	0		25.71		27.0	0.0	
100	QPSK	135	69		26.13				
100	QPSK	135	138		25.65		23.5	3.5	
100	QPSK	270	0		25.77				
100	16QAM	1	1		25.59		26.0	1.0	
100	64QAM	1	1		24.43				
100	256QAM	1	1		22.31		22.5	4.5	
Channel				633000	633334	633668	limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02			
90	QPSK	1	1	26.05	26.07	26.10	limit (dBm)	0.0	
Channel				632503	633334	634165			
Frequency (MHz)				3490.02	3500.01	3510	limit (dBm)	MPR (dB)	
80	QPSK	1	1	26.06	26.05	26.05			
Channel				632334	633334	634334	limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3516.01			
70	QPSK	1	1	25.99	26.03	26.07	limit (dBm)	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02	limit (dBm)	MPR (dB)	
60	QPSK	1	1	26.00	26.04	26.10			
Channel				631668	633334	635000	limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	26.05	26.07	26.04	limit (dBm)	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01	limit (dBm)	MPR (dB)	
40	QPSK	1	1	26.02	26.09	26.04			
Channel				631000	633334	635668	limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	26.03	26.02	26.08	limit (dBm)	0.0	
Channel				630503	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	limit (dBm)	MPR (dB)	
20	QPSK	1	1	26.00	26.06	26.05			



Part270 n78 PC3 Ant3 Default Power								
BW [MHz]	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		22.37			
100	PV2 BPSK	1	137		22.20		24.0	0.0
100	PV2 BPSK	1	271		22.15		24.0	0.0
100	PV2 BPSK	135	0		22.30		24.0	0.0
100	PV2 BPSK	135	69		22.19		24.0	0.0
100	PV2 BPSK	135	138		22.04		24.0	0.0
100	PV2 BPSK	270	0		22.23		24.0	0.0
100	QPSK	1	1		22.48			
100	QPSK	1	137		22.25		24.0	0.0
100	QPSK	1	271		22.07		24.0	0.0
100	QPSK	135	0		22.22		24.0	0.0
100	QPSK	135	69		22.21		24.0	0.0
100	QPSK	135	138		22.16		24.0	0.0
100	QPSK	270	0		22.16		24.0	0.0
100	16QAM	1	1		21.41		23.0	1.0
100	64QAM	1	1		19.83		21.5	2.5
100	256QAM	1	1		18.08		19.5	4.5
Channel				649868	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1		22.29	22.43	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		22.28	22.36	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1		22.23	22.34	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		22.33	22.34	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		22.28	22.42	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1		22.31	22.41	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		22.33	22.36	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		22.33	22.44	24.0	0.0

Part270 n78 PC2 Ant3 Default Power								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				650000				
Frequency (MHz)				3750				
100	PV2 BPSK	1	1		25.18			
100	PV2 BPSK	1	137		25.14		27.0	0.0
100	PV2 BPSK	1	271		25.27		27.0	0.0
100	PV2 BPSK	135	0		25.08		28.5	0.5
100	PV2 BPSK	135	69		25.30		27.0	0.0
100	PV2 BPSK	135	138		25.17		28.5	0.5
100	PV2 BPSK	270	0		25.13		27.0	0.0
100	QPSK	1	1		25.41			
100	QPSK	1	137		25.30		27.0	0.0
100	QPSK	1	271		25.14		27.0	0.0
100	QPSK	135	0		25.02		28.0	1.0
100	QPSK	135	69		25.26		27.0	0.0
100	QPSK	135	138		25.11		28.0	1.0
100	QPSK	270	0		25.15		28.0	1.0
100	16QAM	1	1		25.01		28.0	1.0
100	64QAM	1	1		23.82		24.5	2.5
100	256QAM	1	1		21.47		22.5	4.5
Channel				649868	650000	650334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1		25.26	25.22	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		25.23	25.14	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1		25.29	25.19	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		25.20	25.15	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		25.31	25.17	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1		25.30	25.25	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		25.22	25.23	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		25.30	25.19	27.0	0.0

Part27Q n78 PC3 Ant3 Default Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PV2 BPSK	1	1		22.69				
100	PV2 BPSK	1	137		22.74		24.0	0.0	
100	PV2 BPSK	1	271		22.59		24.0	0.0	
100	PV2 BPSK	135	0		22.25		24.0	0.0	
100	PV2 BPSK	135	69		22.67		24.0	0.0	
100	PV2 BPSK	135	138		22.13		24.0	0.5	
100	PV2 BPSK	270	0		22.16		24.0	0.5	
100	QPSK	1	1		22.84				
100	QPSK	1	137		22.79		24.0	0.0	
100	QPSK	1	271		22.63		24.0	0.0	
100	QPSK	135	0		21.77				
100	QPSK	135	69		22.62		24.0	0.0	
100	QPSK	135	138		21.63		24.0	0.0	
100	QPSK	270	0		21.67		24.0	1.0	
100	16QAM	1	1		21.53		24.0	1.0	
100	64QAM	1	1		20.37		24.0	2.5	
100	256QAM	1	1		19.22		24.0	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		22.61	22.69	22.68	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		22.65	22.72	22.61	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		22.67	22.69	22.63	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		22.65	22.67	22.68	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		22.68	22.64	22.68	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		22.61	22.65	22.69	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		22.69	22.71	22.65	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		22.62	22.73	22.60	24.0	0.0

Part27Q n78 PC2 Ant3 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PV2 BPSK	1	1	25.77			27.0	0.0
100	PV2 BPSK	1	137	25.62				
100	PV2 BPSK	1	271	25.67			27.0	
100	PV2 BPSK	135	0		25.80			
100	PV2 BPSK	135	69		25.78		27.0	0.0
100	PV2 BPSK	135	138		25.63		27.0	0.0
100	PV2 BPSK	270	0		25.75		26.5	0.5
100	QPSK	1	1	25.84				
100	QPSK	1	137		25.80		27.0	0.0
100	QPSK	1	271		25.73		27.0	0.0
100	QPSK	135	0		25.44			
100	QPSK	135	69		25.71			
100	QPSK	135	138		25.18		27.0	0.0
100	QPSK	270	0		25.34		26.5	0.5
100	16QAM	1	1		25.26		26.0	1.0
100	64QAM	1	1		24.00		24.5	2.5
100	256QAM	1	1		22.05		22.5	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02	MPR	
90	QPSK	1	1	25.72	25.73	25.70	27.0	0.0
Channel				632503	633334	634165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.74	25.76	25.78	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.77	25.74	25.72	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.77	25.73	25.76	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.77	25.71	25.78	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.77	25.77	25.76	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.69	25.74	25.70	27.0	0.0
Channel				630503	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.75	25.76	25.76	27.0	0.0



Part270 n78_PC3 Ant8 Default Power									
BW [MHz]	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	PQ2 BPSK	1	1		22.23				
100	PQ2 BPSK	1	137		22.21		24.0	0.0	
100	PQ2 BPSK	1	271		22.17				
100	PQ2 BPSK	135	0		21.77		23.5	0.5	
100	PQ2 BPSK	135	69		22.12		24.0	0.0	
100	PQ2 BPSK	135	138		21.63		23.5	0.5	
100	PQ2 BPSK	270	0		21.72		23.0	1.0	
100	QPSK	1	1		22.27				
100	QPSK	1	137		22.15		24.0	0.0	
100	QPSK	1	271		22.14				
100	QPSK	135	0		21.22		23.0	1.0	
100	QPSK	135	69		22.11		24.0	0.0	
100	QPSK	135	138		21.16		23.0	1.0	
100	QPSK	270	0		21.21		23.0	1.0	
100	16QAM	1	1		21.37		23.0	1.0	
100	64QAM	1	1		19.84		21.5	2.5	
100	256QAM	1	1		17.65		19.5	4.5	
Channel				649868	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		22.11	22.20	22.16	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		22.10	22.16	22.11	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		22.08	22.22	22.20	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		22.03	22.26	22.08	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		22.09	22.19	22.19	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3760			
40	QPSK	1	1		22.06	22.10	22.11	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		22.07	22.19	22.10	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		22.12	22.22	22.05	24.0	0.0

Part27O n78_PC2 Ant8 Default Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		25.22				
100	PV2 BPSK	1	137		25.17		27.0	0.0	
100	PV2 BPSK	1	271		25.15				
100	PV2 BPSK	135	0		25.21		27.0	0.0	
100	PV2 BPSK	135	69		25.15		27.0	0.0	
100	PV2 BPSK	135	138		25.08		27.0	0.0	
100	PV2 BPSK	270	0		25.19				
100	QPSK	1	1		25.28				
100	QPSK	1	137		25.18		27.0	0.0	
100	QPSK	1	271		25.22				
100	QPSK	135	0		25.03		27.0	0.0	
100	QPSK	135	69		25.25		27.0	0.0	
100	QPSK	135	138		25.01		27.0	0.0	
100	QPSK	270	0		25.06				
100	16QAM	1	1		25.12		27.0	0.0	
100	64QAM	1	1		23.36		25.5	1.5	
100	256QAM	1	1		22.33		24.0	3.0	
Channel				649868	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		25.18	25.10	25.14	27.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		25.05	25.06	25.08	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		25.16	25.24	25.16	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		25.11	25.06	25.13	27.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		25.24	25.04	25.17	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3760			
40	QPSK	1	1		25.19	25.11	25.11	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		25.16	25.16	25.12	27.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		25.23	25.05	25.10	27.0	0.0

Part27Q n78_PC3 Ant8 Default Power									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PV2 BPSK	1	1		22.68				
100	PV2 BPSK	1	137		22.69		24.0	0.0	
100	PV2 BPSK	1	271		22.61				
100	PV2 BPSK	135	0		22.38				
100	PV2 BPSK	135	69		22.73		24.0	0.0	
100	PV2 BPSK	135	138		22.25				
100	PV2 BPSK	270	0		22.17		24.0	0.5	
100	QPSK	1	1		22.74				
100	QPSK	1	137		22.79		24.0	0.0	
100	QPSK	1	271		22.53				
100	QPSK	135	0		21.83				
100	QPSK	135	69		22.68		24.0	0.0	
100	QPSK	135	138		21.74				
100	QPSK	270	0		21.71		24.0	1.0	
100	16QAM	1	1		21.63		24.0	1.0	
100	64QAM	1	1		20.42		24.0	2.5	
100	256QAM	1	1		19.38		24.0	4.5	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		22.60	22.65	22.61	24.0	0.0
Channel				632666	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510.01			
80	QPSK	1	1		22.61	22.58	22.56	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		22.60	22.60	22.61	24.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		22.60	22.65	22.59	24.0	0.0
Channel				631666	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		22.65	22.59	22.57	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		22.60	22.64	22.57	24.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		22.66	22.61	22.53	24.0	0.0
Channel				630666	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		22.63	22.57	22.58	24.0	0.0

Part27Q n78_PC2 Ant8 Default Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI2 BPSK	1	1	25.73			27.0	0.0
100	PI2 BPSK	1	137	25.71				
100	PI2 BPSK	1	271	25.67			23.5	3.5
100	PI2 BPSK	135	0	25.19				
100	PI2 BPSK	135	69	25.64			27.0	0.0
100	PI2 BPSK	135	138	25.57			23.5	3.5
100	PI2 BPSK	270	0	25.43			26.5	0.5
100	QPSK	1	1	25.75				
100	QPSK	1	137	25.64			27.0	0.0
100	QPSK	1	271	25.69			23.5	3.5
100	QPSK	135	0	25.25			23.5	3.5
100	QPSK	135	69	25.61			27.0	0.0
100	QPSK	135	138	25.17			23.5	3.5
100	QPSK	270	0	25.02			26.5	0.5
100	16QAM	1	1	23.86			26.0	1.0
100	64QAM	1	1	22.98			24.5	2.5
100	256QAM	1	1	21.76			22.5	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.53	25.47	25.59	27.0	0.0
Channel				632505	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.54	25.45	25.59	27.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3415.01		
70	QPSK	1	1	25.49	25.55	25.60	27.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.54	25.54	25.60	27.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.53	25.50	25.56	27.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.53	25.48	25.53	27.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.49	25.46	25.55	27.0	0.0
Channel				630505	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.56	25.53	25.61	27.0	0.0



Part270 n78 PC3 Ant3 DSI3 Standalone Power								
BW [MHz]	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		22.37			
100	PV2 BPSK	1	137		22.20		24.0	0.0
100	PV2 BPSK	1	271		22.15			
100	PV2 BPSK	135	0		22.30		24.0	0.0
100	PV2 BPSK	135	69		22.19		24.0	0.0
100	PV2 BPSK	135	138		22.04			
100	PV2 BPSK	270	0		22.23		24.0	0.0
100	QPSK	1	1		22.48			
100	QPSK	1	137		22.25		24.0	0.0
100	QPSK	1	271		22.07			
100	QPSK	135	0		22.21		24.0	0.0
100	QPSK	135	69		22.32		24.0	0.0
100	QPSK	135	138		22.16		24.0	0.0
100	QPSK	270	0		22.16			
100	16QAM	1	1		21.41		23.0	1.0
100	64QAM	1	1		19.83		21.5	2.5
100	256QAM	1	1		18.08		19.5	4.5
Channel				649868	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1		22.29	22.43	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		22.28	22.36	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1		22.23	22.34	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		22.33	22.34	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		22.28	22.42	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1		22.31	22.41	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		22.33	22.36	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		22.33	22.44	24.0	0.0

Part270 n78 PC2 Ant3 DSI3 Standalone Power								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				650000				
Frequency (MHz)				3750				
100	PV2 BPSK	1	1		25.18			
100	PV2 BPSK	1	137		25.14		27.0	0.0
100	PV2 BPSK	1	271		25.27			
100	PV2 BPSK	135	0		25.08		28.5	0.5
100	PV2 BPSK	135	69		25.30		27.0	0.0
100	PV2 BPSK	135	138		25.17			
100	PV2 BPSK	270	0		25.13		28.5	0.5
100	QPSK	1	1		25.41			
100	QPSK	1	137		25.30		27.0	0.0
100	QPSK	1	271		25.14			
100	QPSK	135	0		25.02		28.0	1.0
100	QPSK	135	69		25.26		27.0	0.0
100	QPSK	135	138		25.11		28.0	1.0
100	QPSK	270	0		25.15			
100	16QAM	1	1		25.01		28.0	1.0
100	64QAM	1	1		23.82		24.5	2.5
100	256QAM	1	1		21.47		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1		25.26	25.22	28.0	0.0
Channel				649334	650000	650668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1		25.23	25.14	28.25	0.0
Channel				649000	650000	651000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1		25.29	25.19	28.26	0.0
Channel				648668	650000	651334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1		25.20	25.15	28.34	0.0
Channel				648334	650000	651668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1		25.31	25.17	28.24	0.0
Channel				648000	650000	652000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1		25.30	25.25	28.26	0.0
Channel				647668	650000	652334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1		25.22	25.23	28.30	0.0
Channel				647334	650000	652668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1		25.30	25.19	28.23	0.0

Part27Q n78 PC3 Ant3 DSI3 Standalone Power								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PV2 BPSK	1	1		22.69			
100	PV2 BPSK	1	137		22.74		24.0	0.0
100	PV2 BPSK	1	271		22.59			
100	PV2 BPSK	135	0		22.25			
100	PV2 BPSK	135	69		22.67		24.0	0.0
100	PV2 BPSK	135	138		22.13			
100	PV2 BPSK	270	0		22.16		24.0	0.5
100	QPSK	1	1		22.84			
100	QPSK	1	137		22.79		24.0	0.0
100	QPSK	1	271		22.63			
100	QPSK	135	0		21.77			
100	QPSK	135	69		22.62		24.0	0.0
100	QPSK	135	138		21.63			
100	QPSK	270	0		21.67		24.0	1.0
100	16QAM	1	1		21.53		24.0	1.0
100	64QAM	1	1		20.37		24.0	2.5
100	256QAM	1	1		19.22		24.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1		22.61	22.66	22.68	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1		22.65	22.72	22.61	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1		22.67	22.69	22.63	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1		22.65	22.67	22.68	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1		22.68	22.64	22.68	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1		22.61	22.65	22.69	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1		22.69	22.71	22.65	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1		22.62	22.73	22.60	0.0

Part27Q n78 PC2 Ant3 DSI3 Standalone Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up (dBm)	MPR (dB)
Channel				633334			27.0	0.0
Frequency (MHz)				3500.01				
100	16Q BPSK	1	1	25.77				
100	16Q BPSK	1	137	25.62				
100	16Q BPSK	1	271	25.67			23.5	3.5
100	16Q BPSK	135	0	25.80			27.0	0.0
100	16Q BPSK	135	69	25.78			23.5	3.5
100	16Q BPSK	135	138	25.63			26.5	0.5
100	16Q BPSK	270	0	25.75			27.0	0.0
100	QPSK	1	1	25.84				
100	QPSK	1	137	25.80				
100	QPSK	1	271	25.73			23.5	3.5
100	QPSK	135	0	25.44			27.0	0.0
100	QPSK	135	69	25.71			23.5	3.5
100	QPSK	135	138	25.18			26.5	0.5
100	QPSK	270	0	25.34			26.0	1.0
100	16QAM	1	1	25.26			24.5	2.5
100	16QAM	1	1	24.00			22.5	4.5
100	16QAM	1	1	22.05			22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.72	25.73	25.70	27.0	0.0
Channel				632503	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.74	25.76	25.78	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.77	25.74	25.72	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.77	25.73	25.76	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.77	25.71	25.78	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.77	25.77	25.76	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.69	25.74	25.70	27.0	0.0
Channel				630503	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.75	25.76	25.76	27.0	0.0



Part27O n78 PC3 Ant3 DSI3 Simultaneous Power									
BW [MHz]	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		20.24		21.4	0.0	
100	PV2 BPSK	1	137		20.22				
100	PV2 BPSK	1	271		19.99				
100	PV2 BPSK	135	0		20.10		21.4	0.0	
100	PV2 BPSK	135	69		20.09		21.4	0.0	
100	PV2 BPSK	135	138		20.22		21.4	0.0	
100	PV2 BPSK	270	0		20.15				
100	QPSK	1	1		20.20				
100	QPSK	1	137		20.17		21.4	0.0	
100	QPSK	1	271		20.07				
100	QPSK	135	0		20.07		21.4	0.0	
100	QPSK	135	69		20.14		21.4	0.0	
100	QPSK	135	138		20.05		21.4	0.0	
100	QPSK	270	0		20.13				
100	16QAM	1	1		19.94		21.4	0.0	
100	64QAM	1	1		19.43		21.4	0.0	
100	256QAM	1	1		18.08		19.5	1.9	
Channel				649868	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		19.77	19.69	19.84	21.4	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		19.78	19.77	19.88	21.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		19.88	19.88	19.80	21.4	0.0
Channel				648868	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		19.80	19.81	19.77	21.4	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		19.84	19.81	19.86	21.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		19.81	19.88	19.77	21.4	0.0
Channel				647868	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		19.80	19.75	19.77	21.4	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		19.86	19.68	19.88	21.4	0.0

Part27O n78 PC2 Ant3 DSI3 Simultaneous Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		23.10		24.4	0.0	
100	PV2 BPSK	1	137		23.08				
100	PV2 BPSK	1	271		23.08				
100	PV2 BPSK	135	0		23.03		24.4	0.0	
100	PV2 BPSK	135	69		23.06		24.4	0.0	
100	PV2 BPSK	135	138		23.12		24.4	0.0	
100	PV2 BPSK	270	0		22.97				
100	QPSK	1	1		23.31				
100	QPSK	1	137		22.94		24.4	0.0	
100	QPSK	1	271		23.07				
100	QPSK	135	0		23.04		24.4	0.0	
100	QPSK	135	69		23.22		24.4	0.0	
100	QPSK	135	138		22.99		24.4	0.0	
100	QPSK	270	0		22.95				
100	16QAM	1	1		23.11		24.4	0.0	
100	64QAM	1	1		21.84		24.4	0.0	
100	256QAM	1	1		21.47		22.5	1.9	
Channel				649868	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		23.01	23.01	23.18	24.4	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		23.00	23.10	23.20	24.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		22.93	23.02	23.14	24.4	0.0
Channel				648868	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		22.85	23.07	23.14	24.4	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		23.01	23.01	23.12	24.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		22.95	23.08	23.10	24.4	0.0
Channel				647868	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		22.92	23.05	23.10	24.4	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		23.00	23.13	23.09	24.4	0.0

Part27Q n78 PC3 Ant3 DSI3 Simultaneous Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PV2 BPSK	1	1		19.99		21.4	0.0	
100	PV2 BPSK	1	137		20.04				
100	PV2 BPSK	1	271		19.89				
100	PV2 BPSK	135	0		19.85		21.4	0.0	
100	PV2 BPSK	135	69		19.97		21.4	0.0	
100	PV2 BPSK	135	138		19.73		21.4	0.0	
100	PV2 BPSK	270	0		19.86				
100	QPSK	1	1		20.14				
100	QPSK	1	137		20.09		21.4	0.0	
100	QPSK	1	271		19.93				
100	QPSK	135	0		19.87		21.4	0.0	
100	QPSK	135	69		20.12		21.4	0.0	
100	QPSK	135	138		19.81		21.4	0.0	
100	QPSK	270	0		19.97				
100	16QAM	1	1		19.83		21.4	0.0	
100	64QAM	1	1		20.01		21.4	0.0	
100	256QAM	1	1		19.22		19.5	1.9	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		19.61	19.69	19.68	21.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		19.65	19.72	19.61	21.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		19.67	19.69	19.63	21.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		19.65	19.67	19.63	21.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		19.68	19.64	19.68	21.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3533.01			
40	QPSK	1	1		19.51	19.65	19.69	21.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		19.69	19.71	19.65	21.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		19.62	19.73	19.60	21.4	0.0

Part27Q n78 PC2 Ant3 DSI3 Simultaneous Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tuneup limit (dBm)	MPR (dB)	
Channel				633334			24.4	0.0	
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		23.03		24.4	0.0	
100	PI2 BPSK	1	137		23.10				
100	PI2 BPSK	1	271		22.95		24.4	0.0	
100	PI2 BPSK	135	0		23.09				
100	PI2 BPSK	135	69		23.06		24.4	0.0	
100	PI2 BPSK	135	138		23.01				
100	PI2 BPSK	270	0		23.09		24.4	0.0	
100	QPSK	1	1		23.11				
100	QPSK	1	137		23.01		24.4	0.0	
100	QPSK	1	271		23.05				
100	QPSK	135	0		22.91		24.4	0.0	
100	QPSK	135	69		23.10				
100	QPSK	135	138		22.96		24.4	0.0	
100	QPSK	270	0		23.01				
100	16QAM	1	1		23.10		24.4	0.0	
100	64QAM	1	1		22.86				
100	256QAM	1	1		22.55		22.5	1.9	
Channel				633000	633334	633668	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02	24.4	0.0	
90	QPSK	1	1	23.04	23.08	23.07			
Channel				632505	633334	634163	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	24.4	0.0	
80	QPSK	1	1	23.01	23.06	23.10			
Channel				632334	633334	634334	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01	24.4	0.0	
70	QPSK	1	1	22.99	23.01	23.07			
Channel				632000	633334	634668	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02	24.4	0.0	
60	QPSK	1	1	23.03	23.05	23.07			
Channel				631668	633334	635000	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525	24.4	0.0	
50	QPSK	1	1	22.94	23.06	23.03			
Channel				631334	633334	635334	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01	24.4	0.0	
40	QPSK	1	1	23.00	23.04	23.10			
Channel				631000	633334	635668	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02	24.4	0.0	
30	QPSK	1	1	22.97	23.08	23.05			
Channel				630505	633334	636000	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	24.4	0.0	
20	QPSK	1	1	22.92	23.08	23.02			



Part270 n78_PC3 Ant8 DSI3 Standalone Power									
BW (MHz)	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		17.40		19.0	0.0	
100	PV2 BPSK	1	137		17.50				
100	PV2 BPSK	1	271		17.51				
100	PV2 BPSK	135	0		17.48				
100	PV2 BPSK	135	69		17.46		19.0	0.0	
100	PV2 BPSK	135	138		17.49		19.0	0.0	
100	PV2 BPSK	270	0		17.48				
100	QPSK	1	1		17.52		19.0	0.0	
100	QPSK	1	137		17.43				
100	QPSK	1	271		17.34				
100	QPSK	135	0		17.45				
100	QPSK	135	69		17.48		19.0	0.0	
100	QPSK	135	138		17.38		19.0	0.0	
100	QPSK	270	0		17.51				
100	16QAM	1	1		17.48		19.0	0.0	
100	64QAM	1	1		17.42		19.0	0.0	
100	256QAM	1	1		17.47		19.0	0.0	
Channel				649868	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		17.01	17.14	17.08	19.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		17.03	17.06	17.06	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		17.03	17.05	17.12	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		17.03	17.07	17.09	19.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		17.07	17.09	17.03	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		17.03	17.10	17.11	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		17.03	17.14	17.10	19.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		17.06	17.11	17.03	19.0	0.0

Part270 n78_PC2 Ant8 DSI3 Standalone Power									
BW (MHz)	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		20.48		22.0	0.0	
100	PV2 BPSK	1	137		20.50				
100	PV2 BPSK	1	271		20.56				
100	PV2 BPSK	135	0		20.54				
100	PV2 BPSK	135	69		20.45		22.0	0.0	
100	PV2 BPSK	135	138		20.58		22.0	0.0	
100	PV2 BPSK	270	0		20.56				
100	QPSK	1	1		20.51		22.0	0.0	
100	QPSK	1	137		20.58				
100	QPSK	1	271		20.54				
100	QPSK	135	0		20.47				
100	QPSK	135	69		20.50		22.0	0.0	
100	QPSK	135	138		20.40		22.0	0.0	
100	QPSK	270	0		20.43				
100	16QAM	1	1		20.55		22.0	0.0	
100	64QAM	1	1		20.54		22.0	0.0	
100	256QAM	1	1		20.50		22.0	0.0	
Channel				649868	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		20.03	20.02	20.01	22.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		20.06	20.12	20.05	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		20.05	20.05	20.01	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		20.05	20.02	20.06	22.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		20.02	20.01	20.02	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		20.05	20.02	20.11	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		20.04	20.05	20.04	22.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		20.05	20.07	20.07	22.0	0.0

Part27Q n78_PC3 Ant8 DSI3 Standalone Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PV2 BPSK	1	1		17.47		19.0	0.0	
100	PV2 BPSK	1	137		17.45				
100	PV2 BPSK	1	271		17.41				
100	PV2 BPSK	135	0		17.45				
100	PV2 BPSK	135	69		17.50		19.0	0.0	
100	PV2 BPSK	135	138		17.44		19.0	0.0	
100	PV2 BPSK	270	0		17.48				
100	QPSK	1	1		17.51		19.0	0.0	
100	QPSK	1	137		17.47				
100	QPSK	1	271		17.38				
100	QPSK	135	0		17.44				
100	QPSK	135	69		17.46		19.0	0.0	
100	QPSK	135	138		17.42		19.0	0.0	
100	QPSK	270	0		17.45				
100	16QAM	1	1		17.43		19.0	0.0	
100	64QAM	1	1		17.41		19.0	0.0	
100	256QAM	1	1		17.41		19.0	0.0	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		16.80	16.65	16.61	19.0	0.0
Channel				632666	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510.01			
80	QPSK	1	1		16.61	16.58	16.56	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		16.60	16.60	16.61	19.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		16.60	16.65	16.59	19.0	0.0
Channel				631666	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		16.65	16.59	16.57	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		16.50	16.64	16.57	19.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		16.66	16.61	16.63	19.0	0.0
Channel				630666	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		16.63	16.57	16.58	19.0	0.0

Part27Q n78_PC2 Ant8 DSI3 Standalone Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tuneup limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI2 BPSK	1	1		20.65		22.0	0.0
100	PI2 BPSK	1	137		20.49			
100	PI2 BPSK	1	271		20.35			
100	PI2 BPSK	135	0		20.53		22.0	0.0
100	PI2 BPSK	135	69		20.48			
100	PI2 BPSK	135	138		20.41			
100	PI2 BPSK	270	0		20.53		22.0	0.0
100	QPSK	1	1		20.68			
100	QPSK	1	137		20.48		22.0	0.0
100	QPSK	1	271		20.34			
100	QPSK	135	0		20.50			
100	QPSK	135	69		20.57		22.0	0.0
100	QPSK	135	138		20.37			
100	QPSK	270	0		20.42			
100	16QAM	1	1		20.59		22.0	0.0
100	64QAM	1	1		20.29		22.0	0.0
100	256QAM	1	1		20.07		22.0	0.0
Channel				633000	633334	633668	Tuneup limit (dBm)	MPR (dB)
Frequency (MHz)				3485	3500.01	3505.02		
90	QPSK	1	1	20.37	20.24	20.30	22.0	0.0
Channel				632005	633334	634000	Tuneup limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.37	20.24	20.30	22.0	0.0
Channel				632334	633334	634334	Tuneup limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.37	20.24	20.30	22.0	0.0
Channel				632000	633334	634668	Tuneup limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.37	20.24	20.30	22.0	0.0
Channel				631668	633334	635000	Tuneup limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.37	20.24	20.30	22.0	0.0
Channel				631334	633334	635334	Tuneup limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.37	20.24	20.30	22.0	0.0
Channel				631000	633334	635668	Tuneup limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.37	20.24	20.30	22.0	0.0
Channel				630505	633334	636000	Tuneup limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.37	20.24	20.30	22.0	0.0

Part270 n78_PC3 Ant8 DSI3 Simultaneous Power

BW [MHz]	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		16.64				
100	PV2 BPSK	1	137		16.51		18.0	0.0	
100	PV2 BPSK	1	271		16.40				
100	PV2 BPSK	135	0		16.57		18.0	0.0	
100	PV2 BPSK	135	69		16.48		18.0	0.0	
100	PV2 BPSK	135	138		16.49				
100	PV2 BPSK	270	0		16.46		18.0	0.0	
100	QPSK	1	1		16.67				
100	QPSK	1	137		16.59		18.0	0.0	
100	QPSK	1	271		16.38				
100	QPSK	135	0		16.58		18.0	0.0	
100	QPSK	135	69		16.62		18.0	0.0	
100	QPSK	135	138		16.46		18.0	0.0	
100	QPSK	270	0		16.60				
100	16QAM	1	1		16.63		18.0	0.0	
100	64QAM	1	1		16.64		18.0	0.0	
100	256QAM	1	1		16.59		18.0	0.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		16.26	16.38	16.13	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		16.23	16.37	16.06	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		16.28	16.39	16.16	18.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		16.22	16.33	16.12	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		16.29	16.42	16.15	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3760			
40	QPSK	1	1		16.26	16.37	16.13	18.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		16.28	16.39	16.11	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		16.32	16.35	16.13	18.0	0.0

Part270 n78_PC2 Ant8 DSI3 Simultaneous Power

BW [MHz]	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		19.75				
100	PV2 BPSK	1	137		19.70		21.0	0.0	
100	PV2 BPSK	1	271		19.55				
100	PV2 BPSK	135	0		19.69		21.0	0.0	
100	PV2 BPSK	135	69		19.66		21.0	0.0	
100	PV2 BPSK	135	138		19.58				
100	PV2 BPSK	270	0		19.65		21.0	0.0	
100	QPSK	1	1		19.78				
100	QPSK	1	137		19.73		21.0	0.0	
100	QPSK	1	271		19.58				
100	QPSK	135	0		19.68		21.0	0.0	
100	QPSK	135	69		19.71		21.0	0.0	
100	QPSK	135	138		19.55		21.0	0.0	
100	QPSK	270	0		19.68				
100	16QAM	1	1		19.77		21.0	0.0	
100	64QAM	1	1		19.72		21.0	0.0	
100	256QAM	1	1		19.76		21.0	0.0	
Channel				649868	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		19.32	19.41	19.05	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		19.32	19.38	19.12	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		19.31	19.39	19.14	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		19.31	19.32	19.04	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		19.22	19.35	19.12	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3760			
40	QPSK	1	1		19.30	19.32	19.06	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		19.29	19.35	19.14	21.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		19.28	19.41	19.15	21.0	0.0

Part27Q n78_PC3 Ant8 DSI3 Simultaneous Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PV2 BPSK	1	1		16.40				
100	PV2 BPSK	1	137		16.50		18.0	0.0	
100	PV2 BPSK	1	271		16.52				
100	PV2 BPSK	135	0		16.56				
100	PV2 BPSK	135	69		16.49		18.0	0.0	
100	PV2 BPSK	135	138		16.44				
100	PV2 BPSK	270	0		16.52		18.0	0.0	
100	QPSK	1	1		16.65				
100	QPSK	1	137		16.50		18.0	0.0	
100	QPSK	1	271		16.41				
100	QPSK	135	0		16.52				
100	QPSK	135	69		16.61		18.0	0.0	
100	QPSK	135	138		16.51				
100	QPSK	270	0		16.48		18.0	0.0	
100	16QAM	1	1		16.50		18.0	0.0	
100	64QAM	1	1		16.52		18.0	0.0	
100	256QAM	1	1		16.38		18.0	0.0	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		16.36	16.42	16.13	18.0	0.0
Channel				632666	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510.01			
80	QPSK	1	1		16.28	16.36	16.18	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		16.25	16.30	16.16	18.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		16.34	16.33	16.15	18.0	0.0
Channel				631666	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		16.30	16.44	16.16	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		16.33	16.42	16.10	18.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		16.32	16.36	16.10	18.0	0.0
Channel				630666	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		16.33	16.32	16.13	18.0	0.0

Part27Q n78_PC2 Ant8 DSI3 Simultaneous Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			21.0	0.0	
Frequency (MHz)				3500.01					
100	PV2 BPSK	1	1		19.59		17.5	3.5	
100	PV2 BPSK	1	137		19.66				
100	PV2 BPSK	1	271		19.61				
100	PV2 BPSK	135	0		19.67				
100	PV2 BPSK	135	69		19.62		21.0	0.0	
100	PV2 BPSK	135	138		19.63		17.5	3.5	
100	PV2 BPSK	270	0		19.66		21.0	0.0	
100	QPSK	1	1		19.72		21.0	0.0	
100	QPSK	1	137		19.66				
100	QPSK	1	271		19.56				
100	QPSK	135	0		19.69				
100	QPSK	135	69		19.71		21.0	0.0	
100	QPSK	135	138		19.63		17.5	3.5	
100	QPSK	270	0		19.58		21.0	0.0	
100	16QAM	1	1		19.65		21.0	0.0	
100	16QAM	1	1		19.60		21.0	0.0	
100	256QAM	1	1		19.64		21.0	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02	21.0	0.0	
90	QPSK	1	1	19.32	19.32	19.15			
Channel				632503	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	21.0	0.0	
80	QPSK	1	1	19.30	19.38	19.18			
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3416.61	21.0	0.0	
70	QPSK	1	1	19.25	19.43	19.18			
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02	21.0	0.0	
60	QPSK	1	1	19.35	19.36	19.06			
Channel				631668	633334	633990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525	21.0	0.0	
50	QPSK	1	1	19.36	19.45	19.16			
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01	21.0	0.0	
40	QPSK	1	1	19.24	19.34	19.19			
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02	21.0	0.0	
30	QPSK	1	1	19.24	19.41	19.20			
Channel				630503	633334	635990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	21.0	0.0	
20	QPSK	1	1	19.35	19.46	19.10			

WLAN/Bluetooth Power

Ant 4+6 full power Body-worn (Standalone)						Ant 4+6 Head Head (Standalone)		Ant 4+6 Head (DBS Only)		Ant 4+6 Head (WWAN + non-DBS)		Ant 4+6 Head (WWAN + DBS)		Ant 4+6 Body-worn/Hotspot (WWAN + non-DBS)		Ant 4+6 Body-worn Hotspot (WWAN + DBS)			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.10	23.50	17.66	19.00	15.72	17.00	14.77	16.00	11.53	13.00	20.76	22.00	17.31	19.50	97.87	
		6	2437	21.86	23.50	17.16	19.00	15.19	17.00	14.31	16.00	11.21	13.00	20.38	22.00	16.74	18.50		
		11	2462	22.11	23.50	17.28	19.00	15.46	17.00	14.46	16.00	11.49	13.00	20.73	22.00	16.82	18.50		
	802.11g 6Mbps	1	2412	21.14	22.50		19.00		17.00		16.00		13.00		22.00		18.50	99.29	
		6	2437	20.76	22.00		19.00		17.00		16.00		13.00		22.00		18.50		
		11	2462	20.54	22.00		19.00		17.00		16.00		13.00		22.00		18.50		
	802.11n-HT20 MCS0	1	2412	21.02	22.50		19.00		17.00		16.00		13.00		22.00		18.50	100.00	
		6	2437	20.67	22.00		19.00		17.00		16.00		13.00		22.00		18.50		
		11	2462	20.34	22.00		19.00		17.00		16.00		13.00		22.00		18.50		
	802.11n-HT40 MCS0	3	2422	19.44	21.00		19.00		17.00		16.00		13.00		21.00		18.50	100.00	
		6	2437	19.64	21.00	Not Required	19.00	Not Required	17.00	Not Required	16.00	Not Required	13.00	Not Required	21.00	Not Required	18.50		
		9	2452	19.36	21.00		19.00		17.00		16.00		13.00		21.00		18.50		
	802.11ac-HE20 MCS0	1	2412	21.07	22.50		19.00		17.00		16.00		13.00		22.00		18.50	100.00	
		6	2437	20.71	22.00		19.00		17.00		16.00		13.00		22.00		18.50		
		11	2462	20.41	22.00		19.00		17.00		16.00		13.00		22.00		18.50		
	802.11ac-HE40 MCS0	3	2422	19.47	21.00		19.00		17.00		16.00		13.00		21.00		18.50	100.00	
		6	2437	19.69	21.00		19.00		17.00		16.00		13.00		21.00		18.50		
		9	2452	19.40	21.00		19.00		17.00		16.00		13.00		21.00		18.50		

Note: The 2.4GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

Ant 5+6 Handheld (Standalone)					Ant 5+6 Head/Body-worn (Standalone)		Ant 5+6 Head/Body-worn (DBS Only)		Ant 5+6 Head/Body-worn&Hotspot (WWAN+non-DBS & WWAN+DBS)		Ant 5+6 Handheld (DBS Only)		Ant 5+6 Handheld (WWAN+non-DBS & WWAN+DBS)			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
3.2GHz WLAN	802.11a 6Mbps	36	5180	20.40	22.00		18.50		16.50		12.50		21.00		16.50	100.00
		40	5200	20.81	22.50		18.50		16.50		12.50		21.00		16.50	
		44	5220	20.83	22.50		18.50		16.50		12.50		21.00		16.50	
	802.11n-HT20 MCS0	48	5240	20.94	22.50		18.50		16.50		12.50	Not Required	21.00		16.50	100.00
		36	5180	20.75	22.50		18.50		16.50		12.50		21.00		16.50	
		40	5200	20.76	22.50		18.50		16.50		12.50		21.00		16.50	
	802.11n-HT40 MCS0	44	5220	20.76	22.50		18.50		16.50		12.50		21.00		16.50	100.00
		48	5240	20.79	22.50	Not Required	18.50	Not Required	16.50	Not Required	12.50	19.49	21.00	Not Required	16.50	
		38	5190	19.97	21.50		18.50		16.50		12.50		21.00		16.50	
	802.11ac-VHT20 MCS0	46	5230	19.93	21.50		18.50		16.50		12.50	19.38	21.00		16.50	100.00
		36	5180	20.71	22.00		18.50		16.50		12.50		21.00		16.50	
		40	5200	20.74	22.00		18.50		16.50		12.50		21.00		16.50	
	802.11ac-VHT40 MCS0	44	5220	20.73	22.00		18.50		16.50		12.50	Not Required	21.00		16.50	100.00
		48	5240	20.75	22.50		18.50		16.50		12.50		21.00		16.50	
		38	5190	19.87	21.50		18.50		16.50		12.50		21.00		16.50	
	802.11ac-VHT80 MCS0	46	5230	19.86	21.50		18.50		16.50		12.50		21.00		16.50	100.00
		42	5210	18.73	20.50	17.21	18.50	15.29	16.50	10.95	12.50	18.73	20.50	14.83	16.50	
		36	5180	20.82	22.50		18.50		16.50		12.50		21.00		16.50	
	802.11ac-HE20 MCS0	40	5200	20.81	22.50		18.50		16.50		12.50		21.00		16.50	100.00
		44	5220	20.88	22.50		18.50		16.50		12.50		21.00		16.50	
		48	5240	20.82	22.50	Not Required	18.50	Not Required	16.50	Not Required	12.50	Not Required	21.00	Not Required	16.50	
	802.11ac-HE40 MCS0	38	5190	20.01	21.50		18.50		16.50		12.50		21.00		16.50	100.00
		46	5230	19.96	21.50		18.50		16.50		12.50		21.00		16.50	
		42	5210	18.78	20.50		18.50		16.50		12.50	18.78	20.50		16.50	

Note: The 3GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

Ant 5+6 Handheld (Standalone+DBS Only)						Ant 5+6 Head/Body-worn (Standalone)		Ant 5+6 Head/Body-worn (DBS Only)		Ant 5+6 Head/Body-worn (WWAN+non-DBS & WWAN+DBS)		Ant 5+6 Handheld (WWAN+non-DBS & WWAN+DBS)		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Day Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.41	21.00		19.00		17.00		13.00		16.00	100.00
		56	5280	19.46	21.00		19.00		17.00		13.00		16.00	
		60	5300	19.51	21.00		19.00		17.00		13.00		16.00	
	802.11n-HT20 MCS0	64	5320	19.61	21.00		19.00		17.00		13.00		16.00	100.00
		52	5260	19.25	21.00		19.00		17.00		13.00		16.00	
		56	5280	19.29	21.00		19.00		17.00		13.00		16.00	
	802.11n-HT40 MCS0	60	5300	19.36	21.00		19.00		17.00		13.00		16.00	100.00
		64	5320	19.44	21.00	Not Required	19.00	Not Required	17.00	Not Required	13.00	Not Required	16.00	
		54	5270	18.88	21.00		19.00		17.00		13.00		16.00	
	802.11ac-VHT20 MCS0	62	5310	19.00	21.00		19.00		17.00		13.00		16.00	100.00
		52	5260	19.30	21.00		19.00		17.00		13.00		16.00	
		56	5280	19.33	21.00		19.00		17.00		13.00		16.00	
	802.11ac-VHT40 MCS0	60	5300	19.41	21.00		19.00		17.00		13.00		16.00	100.00
		64	5320	19.50	21.00		19.00		17.00		13.00		16.00	
		54	5270	18.89	21.00		19.00		17.00		13.00		16.00	
	802.11ac-VHT80 MCS0	62	5310	19.03	21.00		19.00		17.00		13.00		16.00	100.00
		58	5290	18.85	20.50	17.35	19.00	15.33	17.00	11.47	13.00	14.75	16.00	
		50	5250	16.82	18.00	16.82	18.00		17.00		13.00		16.00	
	802.11ac-HE20 MCS0	52	5260	19.32	21.00		19.00		17.00		13.00		16.00	100.00
		56	5280	19.35	21.00		19.00		17.00		13.00		16.00	
		60	5300	19.44	21.00		19.00		17.00		13.00		16.00	
	802.11ac-HE40 MCS0	64	5320	19.55	21.00	Not Required	19.00	Not Required	17.00	Not Required	13.00	Not Required	16.00	100.00
		54	5270	18.94	20.50		19.00		17.00		13.00		16.00	
		62	5310	19.07	20.50		19.00		17.00		13.00		16.00	
	802.11ac-HE80 MCS0	58	5290	18.88	20.50		19.00		17.00		13.00		16.00	100.00
		50	5250	16.89	18.50	16.89	18.50		17.00		13.00		16.00	

Note: The 3GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

5.5GHz WLAN																					
Ant 5-6 Handheld (Standalone)						Ant 5-6 Head (Standalone)		Ant 5-6 Head (DBS Only)		Ant 5-6 Head (WWAN+non-DBS & WWAN+DBS)		Ant 5-6 Body-worn (Standalone)		Ant 5-6 Body-worn (DBS Only)		Ant 5-6 Body-worn (WWAN+non-DBS & WWAN+DBS)		Ant 5-6 Handheld (DBS Only)		Ant 5-6 Handheld (WWAN+non-DBS & WWAN+DBS)	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 8Mbps	100	5600	21.04	22.50	19.50	17.50	13.50	13.50	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		116	5680	21.06	22.50	19.50	17.50	13.50	13.50	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		124	5620	21.07	22.50	19.50	17.50	13.50	13.50	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		132	5660	21.03	22.50	19.50	17.50	13.50	13.50	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		140	5700	20.89	22.50	19.50	17.50	13.50	13.50	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
	802.11a-HT20 MCS0	144	5720	20.91	22.50	19.50	17.50	13.50	13.50	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		100	5600	20.93	22.50	19.50	17.50	13.50	13.50	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		116	5680	21.06	22.50	19.50	17.50	13.50	13.50	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		124	5620	20.88	22.50	19.50	17.50	13.50	13.50	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		132	5660	20.90	22.50	19.50	17.50	13.50	13.50	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
	802.11a-HT40 MCS0	140	5700	20.73	22.50	19.50	17.50	13.50	13.50	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		144	5720	20.80	22.50	19.50	17.50	13.50	13.50	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		102	5610	20.08	21.50	19.50	17.50	13.50	19.48	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		110	5650	20.20	21.50	19.50	17.50	13.50	19.55	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		126	5630	19.91	21.50	19.50	17.50	13.50	19.41	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
	802.11ac-VHT20 MCS0	134	5670	19.87	21.50	19.50	17.50	13.50	19.33	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		142	5710	19.92	21.50	19.50	17.50	13.50	19.28	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		100	5600	20.89	22.50	19.50	17.50	13.50	19.55	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		116	5680	21.01	22.50	19.50	17.50	13.50	19.55	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		124	5620	20.84	22.50	19.50	17.50	13.50	19.55	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
	802.11ac-VHT40 MCS0	132	5660	20.85	22.50	19.50	17.50	13.50	19.55	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		140	5700	20.64	22.00	19.50	17.50	13.50	19.55	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		144	5720	20.75	22.00	19.50	17.50	13.50	19.55	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		102	5610	19.98	21.50	19.50	17.50	13.50	19.55	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		110	5650	20.12	21.50	19.50	17.50	13.50	19.55	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
	802.11ac-VHT80 MCS0	126	5630	19.82	21.50	19.50	17.50	13.50	19.55	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		134	5670	19.88	21.50	19.50	17.50	13.50	19.55	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		142	5710	19.84	21.50	19.50	17.50	13.50	19.55	21.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		106	5630	18.98	20.50	18.28	15.98	12.20	13.50	18.98	20.50	16.78	18.00	13.58	15.00	18.78	20.00	14.55	16.00	100.00	
		122	5610	18.90	20.50	18.15	15.90	12.07	13.50	18.90	20.50	16.68	18.00	13.50	15.00	18.61	20.00	14.50	16.00	100.00	
	802.11ac-HE20 MCS0	138	5690	18.73	20.00	17.96	15.93	12.08	13.50	18.73	20.00	16.38	18.00	13.46	15.00	18.38	20.00	14.46	16.00	100.00	
		114	5570	18.40	20.00	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		100	5600	20.97	22.50	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		116	5680	21.10	22.50	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		124	5620	20.91	22.50	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
	802.11ac-HE40 MCS0	132	5660	20.96	22.50	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		140	5700	20.80	22.50	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		144	5720	20.87	22.50	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		102	5610	20.10	21.50	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		110	5650	20.22	21.50	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
	802.11ac-HE80 MCS0	126	5630	19.95	21.50	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		134	5670	20.01	21.50	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		142	5710	19.95	21.50	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		106	5630	19.01	20.50	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		122	5610	18.92	20.50	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
	802.11ac-HE160 MCS0	138	5690	18.76	20.00	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				
		114	5570	18.44	20.00	19.50	17.50	13.50	18.40	20.00	18.00	18.00	18.00	15.00	20.00	16.00	100.00				

Note: The 5GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

Ant 5-6 Body-worn/Handheld (Standalone)						Ant 5-6 Head (Standalone)		Ant 5-6 Head (DBS Only)		Ant 5-6 Head (WWAN+non-DBS & WWAN+DBS)		Ant 5-6 Body-worn/Handheld (DBS Only)		Ant 5-6 Body-worn/Handheld (WWAN+non-DBS & WWAN+DBS)		Ant 5-6 Head (WWAN+non-DBS & WWAN+DBS)		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5 GHz WLAN	802.11a 6Mbps	149	5745	20.93	22.50	19.00	17.50	17.50	13.50	13.50	21.00	16.00	16.00	11.00	11.00	100.00		
		157	5785	21.06	22.50	19.00	17.50	17.50	13.50	13.50	21.00	18.00	18.00	11.00	11.00			
		165	5825	21.31	22.50	19.00	17.50	17.50	13.50	13.50	21.00	18.00	18.00	11.00	11.00			
	802.11a- HT20 MCS0	149	5745	20.79	22.50	19.00	17.50	17.50	13.50	13.50	21.00	16.00	16.00	11.00	11.00	100.00		
		157	5785	20.93	22.50	19.00	17.50	17.50	13.50	13.50	21.00	18.00	18.00	11.00	11.00			
		165	5825	21.23	22.50	19.00	17.50	17.50	13.50	13.50	21.00	18.00	18.00	11.00	11.00			
	802.11a- HT40 MCS0	151	5755	19.96	21.50	Not Required	19.00	Not Required	17.50	Not Required	13.50	19.33	21.00	Not Required	16.00	Not Required	11.00	100.00
		159	5795	20.05	21.50	19.00	17.50	17.50	13.50	19.41	21.00	18.00	18.00	11.00	11.00			
		149	5745	20.71	22.00	19.00	17.50	17.50	13.50	19.41	21.00	18.00	18.00	11.00	11.00			
	802.11ac- VHT20 MCS0	157	5785	20.86	22.50	19.00	17.50	17.50	13.50	13.50	21.00	16.00	16.00	11.00	11.00	100.00		
		165	5825	21.11	22.50	19.00	17.50	17.50	13.50	13.50	21.00	18.00	18.00	11.00	11.00			
		151	5755	19.86	21.50	19.00	17.50	17.50	13.50	13.50	21.00	18.00	18.00	11.00	11.00	100.00		
802.11ac- VHT40 MCS0	159	5795	19.90	21.50	19.00	17.50	17.50	13.50	13.50	21.00	18.00	18.00	11.00	11.00	100.00			
	802.11ac- VHT80 MCS0	155	5775	18.85	20.50	17.00	15.90	17.50	12.19	13.50	Not Required	21.00	15.00	16.00	9.00	11.00	100.00	
	802.11ac- HE20 MCS0	149	5745	20.81	22.50	19.00	17.50	17.50	13.50	13.50	21.00	16.00	16.00	11.00	11.00	100.00		
157		5785	20.99	22.50	19.00	17.50	17.50	13.50	13.50	21.00	18.00	18.00	11.00	11.00				
165		5825	21.28	22.50	19.00	17.50	17.50	13.50	13.50	21.00	18.00	18.00	11.00	11.00				
802.11ac- HE40 MCS0	151	5755	20.00	21.50	Not Required	19.00	Not Required	17.50	Not Required	13.50	21.00	Not Required	16.00	Not Required	11.00	100.00		
	159	5795	20.10	21.50	19.00	17.50	17.50	13.50	13.50	21.00	18.00	18.00	11.00	11.00				
	802.11ac- HE80 MCS0	155	5775	18.89	20.50	19.00	17.50	17.50	13.50	18.89	20.50	16.00	16.00	11.00	10.00	100.00		

BT BR/EDR Ant 4

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	13.53	10.52	10.58	14
	CH 39	2441	12.12	9.59	9.34	13.5
	CH 75	2480	10.49	7.63	7.58	11.5

BLE_1M Ant 4

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	10.05
	CH 19	2440	9.73
	CH 39	2480	7.37
Tune-up Limit			11

BLE_2M Ant 4

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	10.05
	CH 19	2440	8.96
	CH 39	2480	7.62
Tune-up Limit			11.00

BT BR/EDR Ant 6

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	14.18	11.58	11.58	15
	CH 39	2441	15.04	12.48	12.44	16
	CH 75	2480	15.32	12.57	12.63	16.5

BLE_1M Ant 6

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	8.29
	CH 19	2440	8.57
	CH 39	2480	7.98
Tune-up Limit			9.5

BLE_2M Ant 6

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	8.32
	CH 19	2440	8.86
	CH 39	2480	7.80
Tune-up Limit			9.50

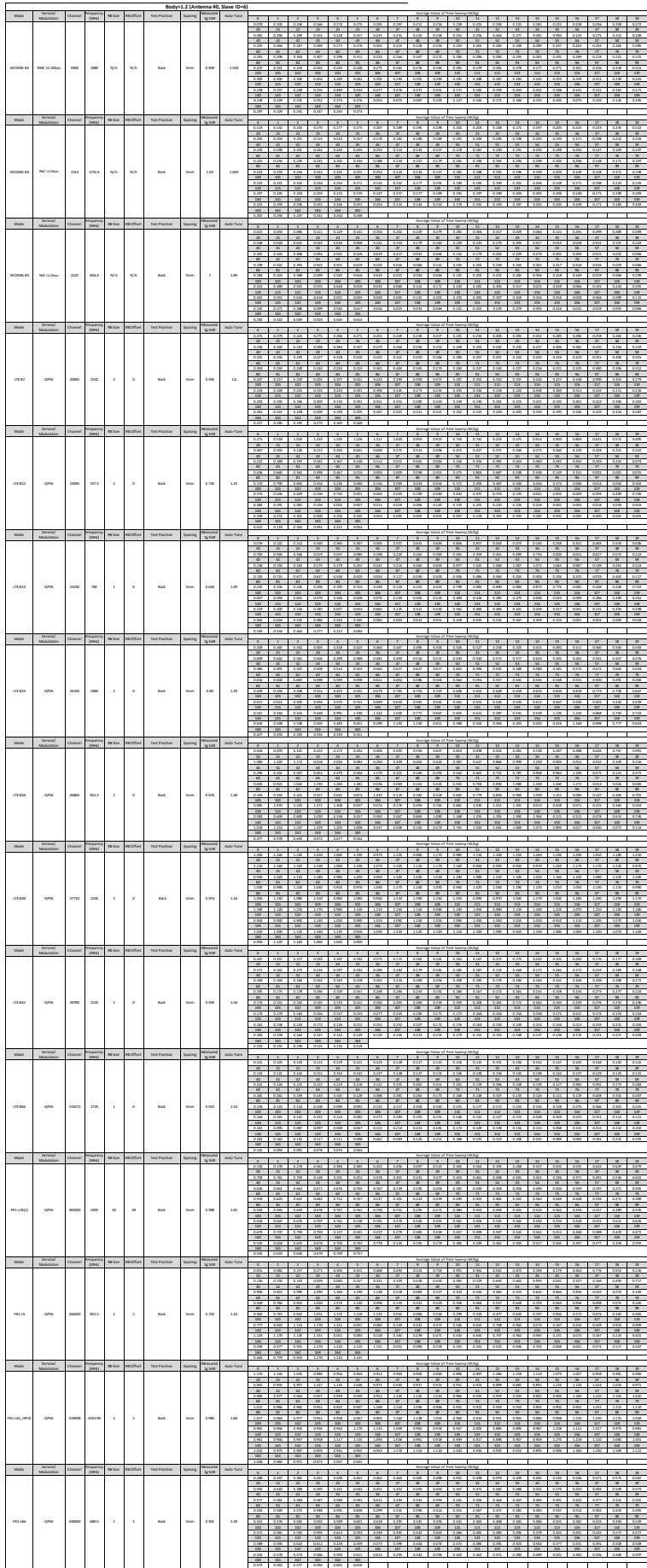


Appendix F. Supplemental Tuner Head & Body SAR Results

The results are shown as follows.

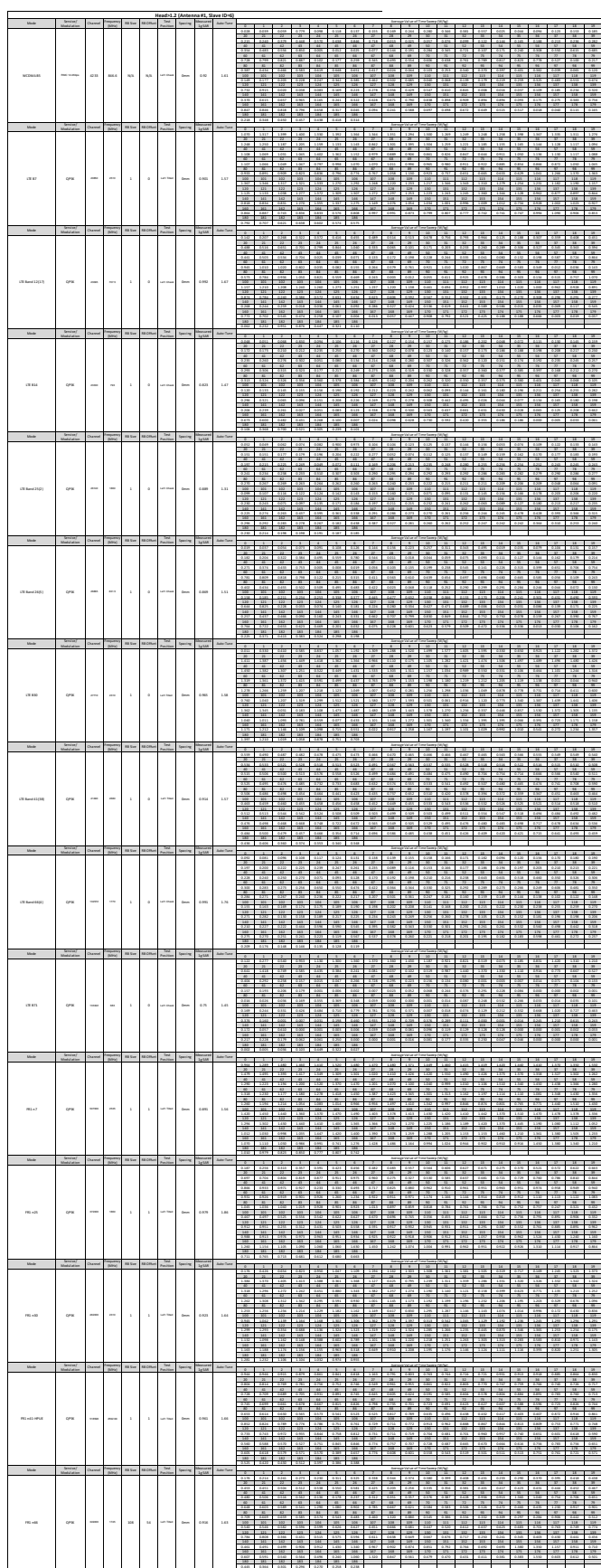
Head (Antenna #0, Slave ID=6)																		
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	0	19	38	57	76	95	114	133	152
WCDMA B2	RMC 12.2Kbps	9400	1880	N/A	N/A	Left Cheek	0mm	0.091	0.119	0.010	0.050	0.044	0.039	0.061	0.054	0.037	0.058	0.053
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	1	20	39	58	77	96	115	134	153
WCDMA B4	RMC 12.2Kbps	1413	1732.6	N/A	N/A	Left Cheek	0mm	0.081	0.107	0.029	0.041	0.030	0.091	0.091	0.094	0.081	0.030	0.022
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	2	21	40	59	78	97	116	135	154
WCDMA B5	RMC 12.2Kbps	4182	836.4	N/A	N/A	Right Cheek	0mm	0.131	0.159	0.013	0.040	0.040	0.035	0.001	0.003	0.005	0.019	0.039
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	3	22	41	60	79	98	117	136	155
LTE B7	QPSK	21100	2535	1	0	Right Cheek	0mm	0.074	0.109	0.071	0.050	0.056	0.067	0.076	0.087	0.052	0.096	0.041
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	4	23	42	61	80	99	118	137	156
LTE B12	QPSK	23095	707.5	1	0	Right Cheek	0mm	0.17	0.192	0.009	0.006	0.014	0.074	0.011	0.023	0.044	0.000	0.000
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	5	24	43	62	81	100	119	138	157
LTE B13	QPSK	23230	782	1	0	Right Cheek	0mm	0.119	0.142	0.039	0.007	0.012	0.067	0.024	0.079	0.027	0.016	0.000
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	6	25	44	63	82	101	120	139	158
LTE B14	QPSK	23330	793	1	0	Right Cheek	0mm	0.12	0.144	0.030	0.004	0.026	0.086	0.044	0.101	0.048	0.031	0.001
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	7	26	45	64	83	102	121	140	159
LTE B25	QPSK	26340	1880	1	0	Left Cheek	0mm	0.072	0.0988	0.034	0.041	0.052	0.059	0.044	0.057	0.045	0.057	0.042
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	8	27	46	65	84	103	122	141	160
LTE B26	QPSK	26865	831.5	1	0	Right Cheek	0mm	0.184	0.216	0.072	0.036	0.195	0.213	0.084	0.209	0.123	0.199	0.051
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	9	28	47	66	85	104	123	142	161
LTE B30	QPSK	27710	2310	1	0	Left Cheek	0mm	0.024	0.046	0.033	0.021	0.014	0.021	0.025	0.011	0.031	0.029	0.018
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	10	29	48	67	86	105	124	143	162
LTE B41	QPSK	40620	2593	1	0	Right Cheek	0mm	0.031	0.0473	0.021	0.022	0.043	0.041	0.031	0.049	0.044	0.018	0.017
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	11	30	49	68	87	106	125	144	163
LTE B66	QPSK	132322	1745	1	0	Left Cheek	0mm	0.077	0.106	0.032	0.029	0.061	0.048	0.075	0.081	0.031	0.018	0.011
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	12	31	50	69	88	107	126	145	164
LTE B71	QPSK	133322	683	1	0	Right Cheek	0mm	0.116	0.134	0.003	0.029	0.006	0.008	0.000	0.000	0.000	0.009	0.011
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	13	32	51	70	89	108	127	146	165
FR1 n12	QPSK	141500	707.5	36	22	Right Cheek	0mm	0.098	0.112	0.052	0.031	0.001	0.006	0.001	0.000	0.001	0.002	0.021
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	14	33	52	71	90	109	128	147	
FR1 n25	QPSK	376500	1882.5	1	1	Left Cheek	0mm	0.042	0.0588	0.004	0.050	0.050	0.002	0.003	0.003	0.020	0.003	
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	15	34	53	72	91	110	129	148	
FR1 n5	QPSK	167300	836.5	50	28	Right Cheek	0mm	0.114	0.136	0.110	0.070	0.041	0.041	0.042	0.045	0.068	0.008	
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	16	35	54	73	92	111	130	149	
FR1 n41(HPUE)	QPSK	518598	2592.99	135	69	Right Cheek	0mm	0.048	0.094	0.006	0.007	0.002	0.004	0.004	0.004	0.005	0.007	
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	17	36	55	74	93	112	131	150	
FR1 n66	QPSK	349000	1745	1	1	Left Cheek	0mm	0.047	0.0613	0.018	0.009	0.017	0.013	0.019	0.014	0.017	0.018	
Mode	Service/Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
									Auto-Tune	18	37	56	75	94	113	132	151	
FR1 n71	QPSK	136100	680.5	50	28	Right Cheek	0mm	0.067	0.077	0.025	0.007	0.014	0.004	0.011	0.004	0.005	0.003	

Body (Antenna #0, Slave ID=6)																		
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
WCDMA B2	RMC 12.2Kbps	9400	1880	N/A	N/A	Back	5mm	0.958	1.52	0.078	0.272	0.212	0.254	0.289	0.271	0.245	0.204	0.171
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
WCDMA B4	RMC 12.2Kbps	1513	1752.6	N/A	N/A	Back	5mm	1.03	1.600	0.132	0.255	0.234	0.169	0.148	0.149	0.148	0.205	0.197
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
WCDMA B5	RMC 12.2Kbps	4132	826.4	N/A	N/A	Back	5mm	1	1.990	0.066	0.618	0.391	0.066	0.029	0.019	0.066	0.016	0.305
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
LTE B7	QPSK	20850	2510	1	0	Back	5mm	0.935	1.600	0.274	0.224	0.41	0.60	79	98	117	136	155
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
LTE B12	QPSK	23095	707.5	1	0	Back	5mm	0.745	1.250	0.125	0.112	0.197	0.660	0.170	0.302	0.499	0.018	0.000
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
LTE B13	QPSK	23230	782	1	0	Back	5mm	0.643	1.090	0.387	0.037	0.175	0.677	0.236	0.657	0.261	0.204	0.002
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
LTE B14	QPSK	23330	793	1	0	Back	5mm	0.511	0.831	0.391	0.045	0.188	0.699	0.254	0.699	0.289	0.254	0.015
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
LTE B25	QPSK	26140	1860	1	0	Back	5mm	0.89	1.390	0.467	0.481	0.523	0.593	0.431	0.595	0.416	0.634	0.633
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
LTE B26	QPSK	26865	831.5	1	0	Back	5mm	0.876	1.480	0.556	0.309	1.170	1.381	0.632	1.271	0.800	1.214	0.377
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
LTE B30	QPSK	27710	2310	1	0	Back	5mm	0.974	1.160	1.140	1.110	1.100	1.040	1.090	0.980	1.140	1.120	1.120
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
LTE B41	QPSK	39790	2510	1	0	Back	5mm	0.939	1.580	0.162	0.181	0.284	0.284	0.164	0.233	0.126	0.147	0.136
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
LTE B66	QPSK	132072	1720	1	0	Back	5mm	0.923	1.540	0.115	0.136	0.311	0.262	0.217	0.372	0.067	0.111	0.078
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
LTE B71	QPSK	133322	683	1	0	Back	5mm	0.543	0.934	0.044	0.482	0.128	0.098	0.006	0.006	0.005	0.057	0.323
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
FR1 n12	QPSK	141500	707.5	1	1	Back	5mm	0.589	1.010	0.267	0.220	0.211	0.248	0.026	0.090	0.008	0.025	0.028
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
FR1 n25	QPSK	381000	1905	50	28	Back	5mm	0.988	1.650	0.337	0.501	0.459	0.455	0.384	0.455	0.385	0.135	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
FR1 n5	QPSK	167300	836.5	1	1	Back	5mm	0.743	1.240	0.179	0.995	0.523	0.527	0.329	0.536	0.471	0.084	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
FR1 n41(HPUE)	QPSK	518598	2592.99	1	1	Back	5mm	0.985	1.660	1.007	1.210	0.891	0.910	0.931	0.902	0.939	1.120	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
FR1 n66	QPSK	349000	1745	108	54	Back	5mm	0.941	1.490	0.571	0.433	0.491	0.485	0.481	0.485	0.485	0.443	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)									
FR1 n71	QPSK	136100	680.5	50	28	Back	5mm	0.528	0.925	0.260	0.091	0.144	0.039	0.109	0.033	0.042	0.044	



Head (Antenna #1, Slave ID=6)

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
WCDMA B5	RMC 12.2Kbps	4233	846.4	N/A	N/A	Left Cheek	0mm	0.92	Auto-Tune	0	18	36	54	72	90	108	126	144	162	180
									1.61	0.028	0.153	0.188	0.171	0.761	0.103	0.502	0.223	0.165	0.818	0.218
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
LTE B7	QPSK	20850	2510	1	0	Left Tilted	0mm	0.901	Auto-Tune	1	19	37	55	73	91	109	127	145	163	181
									1.57	1.317	1.276	1.128	1.050	0.922	0.737	1.233	1.272	1.337	0.836	0.707
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
LTE Band 12(17)	QPSK	23095	707.5	1	0	Left Cheek	0mm	0.992	Auto-Tune	2	20	38	56	74	92	110	128	146	164	182
									1.67	0.268	0.488	0.363	0.198	0.669	0.925	0.461	0.606	0.092	0.258	0.951
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
LTE B13	QPSK	23230	782	1	0	Left Cheek	0mm	0.59	Auto-Tune	3	21	39	57	75	93	111	129	147	165	183
									1.05	0.322	0.520	0.392	0.571	0.583	0.664	0.696	0.597	0.275	0.104	0.866
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
LTE B14	QPSK	23330	793	1	0	Left Cheek	0mm	0.823	Auto-Tune	4	22	40	58	76	94	112	130	148	166	184
									1.47	0.094	0.210	0.235	0.245	0.397	0.373	0.144	0.308	0.378	0.007	0.305
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
LTE Band 25(2)	QPSK	26140	1860	1	0	Left Cheek	0mm	0.889	Auto-Tune	5	23	41	59	77	95	113	131	149	167	185
									1.31	0.900	0.179	0.215	0.243	0.290	0.206	0.145	0.241	0.273	0.387	0.187
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
LTE Band 26(5)	QPSK	26865	831.5	1	0	Left Cheek	0mm	0.869	Auto-Tune	6	24	42	60	78	96	114	132	150	168	186
									1.51	0.126	0.495	0.433	0.781	0.109	0.246	0.206	0.689	0.830	0.228	0.198
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
LTE B30	QPSK	27710	2310	1	0	Left Tilted	0mm	0.965	Auto-Tune	7	25	43	61	79	97	115	133	151	169	
									1.58	1.309	1.362	1.251	1.361	0.940	0.714	1.340	0.337	1.340	1.258	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
LTE Band 41(38)	QPSK	41490	2680	1	0	Left Tilted	0mm	0.914	Auto-Tune	8	26	44	62	80	98	116	134	152	170	
									1.57	0.470	0.523	0.576	0.476	0.506	0.463	0.521	0.547	0.476	0.438	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
LTE Band 66(4)	QPSK	132572	1770	1	0	Left Cheek	0mm	0.991	Auto-Tune	9	27	45	63	81	99	117	135	153	171	
									1.76	0.155	0.235	0.093	0.256	0.271	0.148	0.255	0.152	0.261	0.218	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
LTE B71	QPSK	133322	683	1	0	Left Cheek	0mm	0.75	Auto-Tune	10	28	46	64	82	100	118	136	154	172	
									1.45	1.187	0.037	0.266	0.001	0.036	0.169	0.727	0.245	0.128	0.335	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
FR1 n5	QPSK	167300	836.5	1	1	Left Cheek	0mm	0.712	Auto-Tune	11	29	47	65	83	101	119	137	155	173	
									1.17	0.411	0.203	0.315	0.255	0.289	0.335	0.680	0.277	0.201	0.255	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
FR1 n7	QPSK	507000	2535	1	1	Left Tilted	0mm	0.891	Auto-Tune	12	30	48	66	84	102	120	138	156	174	
									1.56	1.415	1.420	1.070	1.450	1.083	1.440	1.294	1.112	1.361	0.910	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
FR1 n25	QPSK	372000	1860	1	1	Left Tilted	0mm	0.979	Auto-Tune	13	31	49	67	85	103	121	139	157	175	
									1.86	0.671	1.311	1.274	1.001	1.182	1.164	1.293	0.175	0.810	1.116	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
FR1 n30	QPSK	462000	2310	1	1	Left Tilted	0mm	0.923	Auto-Tune	14	32	50	68	86	104	122	140	158	176	
									1.64	0.319	1.359	1.190	1.145	1.162	1.168	0.354	1.132	0.971	0.393	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
FR1 n41-HPUE	QPSK	518598	2592.99	1	1	Left Tilted	0mm	0.961	Auto-Tune	15	33	51	69	87	105	123	141	159	177	
									1.66	0.913	0.770	0.585	0.701	0.525	0.751	0.935	0.588	0.651	0.761	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
FR1 n66	QPSK	349000	1745	108	54	Left Tilted	0mm	0.916	Auto-Tune	16	34	52	70	88	106	124	142	160	178	
									1.63	0.370	0.417	0.428	0.584	1.320	0.627	0.515	0.499	0.607	0.612	
Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
FR1 n71	QPSK	136100	680.5	50	28	Left Cheek	0mm	0.596	Auto-Tune	17	35	53	71	89	107	125	143	161	179	
									1.08	0.106	0.334	0.001	0.063	0.000	0.400	0.167	0.001	0.201	0.000	



Head (Antenna #1, Slave ID=6)

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
									Auto-Tune	0	18	36	54	72	90	108	126	144	162	180
WCDMA B5	RMC 12.2Kbps	4182	836.4	N/A	N/A	Back	5mm	0.815	1.2	0.025	0.126	0.148	0.214	0.654	0.132	0.321	0.186	0.147	0.607	0.245

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
								Auto-Tune	1	19	37	55	73	91	109	127	145	163	181	
LTE B7	QPSK	20850	2510	1	0	Back	5mm	0.981	1.64	0.776	0.826	0.733	0.661	0.591	0.505	0.835	0.711	0.621	0.533	0.461

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
									Auto-Tune	2	20	38	56	74	92	110	128	146	164	182
LTE Band 12(17)	QPSK	23095	707.5	1	0	Top Side	5mm	0.509	0.97	0.052	0.012	0.015	0.027	0.028	0.039	0.044	0.018	0.035	0.034	0.037

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
								Auto-Tune	3	21	39	57	75	93	111	129	147	165	183	
LTE B13	QPSK	23230	782	1	0	Top Side	5mm	0.502	0.928	0.089	0.071	0.068	0.088	0.092	0.120	0.160	0.130	0.088	0.071	0.059

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
									Auto-Tune	4	22	40	58	76	94	112	130	148	166	184
LTE B14	QPSK	23330	793	1	0	Top Side	5mm	0.684	1.27	0.125	0.364	0.114	0.192	0.083	0.068	0.261	0.135	0.089	0.001	0.084

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
								Auto-Tune	5	23	41	59	77	95	113	131	149	167	185	
LTE Band 25(2)	QPSK	26590	1905	1	0	Back	5mm	0.913	1.41	0.268	0.564	0.614	0.648	0.570	0.666	0.384	0.678	0.729	0.825	0.628

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
								Auto-Tune	6	24	42	60	78	96	114	132	150	168	186	
LTE Band 26(5)	QPSK	26865	831.5	1	0	Back	5mm	0.823	1.28	0.125	0.495	0.387	0.806	0.097	0.198	0.227	0.571	0.729	0.141	0.157

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)										
								Auto-Tune	7	25	43	61	79	97	115	133	151	169	
LTE B30	QPSK	27710	2310	1	0	Back	5mm	0.962	1.7	0.930	1.218	1.129	1.220	0.470	0.511	0.974	0.566	1.023	0.927

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
									Auto-Tune	8	26	44	62	80	98	116	134	152	170	
LTE Band 41(38)	QPSK	41490	2680	1	0	Back	5mm	1.1	1.81	0.216	0.232	0.258	0.208	0.213	0.215	0.228	0.233	0.207	0.178	

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
									Auto-Tune	9	27	45	63	81	99	117	135	153	171	
LTE Band 66(4)	QPSK	132322	1745	1	0	Back	5mm	0.86	1.32	0.106	0.133	0.058	0.153	0.158	0.100	0.155	0.099	0.147	0.114	

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)										
								Auto-Tune	10	28	46	64	82	100	118	136	154	172	
LTE B71	QPSK	133322	683	1	0	Top Side	5mm	0.39	0.889	0.095	0.105	0.041	0.133	0.149	0.091	0.141	0.081	0.139	0.121

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)										
								Auto-Tune	11	29	47	65	83	101	119	137	155	173	
FR1 n5	QPSK	167300	836.5	1	1	Top Side	5mm	0.743	1.03	0.550	0.610	0.488	0.561	0.421	0.688	0.411	0.436	0.594	0.381

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)										
								Auto-Tune	12	30	48	66	84	102	120	138	156	174	
FR1 n7	QPSK	507000	2535	108	54	Back	5mm	0.904	1.53	1.028	1.160	0.724	1.080	0.690	1.230	0.945	0.954	1.013	0.768

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)											
									Auto-Tune	13	31	49	67	85	103	121	139	157	175	
FR1 n25(2)	QPSK	372000	1860	1	1	Back	5mm	0.947	1.36	0.421	0.348	0.484	0.711	0.549	0.345	0.653	0.513	0.842	0.482	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Auto-Tune	Average Value of Time Sweep (W/kg)									
										14	32	50	68	86	104	122	140	158	176
FR1 n30	QPSK	462000	2310	1	1	Back	5mm	1.01	1.86	0.542	1.437	1.339	1.281	1.308	1.334	0.577	1.289	1.483	0.788

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Auto-Tune	15	33	51	Average Value of Time Sweep (W/kg)							
										69	87	105	123	141	159	177				
FR1 n41_HPUE	QPSK	518598	2592.99	1	1	Back	5mm	0.972	1.62	0.616	0.493	0.343	0.405	0.315	0.549	0.607	0.344	0.380	0.453	

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)										
								Auto-Tune	16	34	52	70	88	106	124	142	160	178	
FR1 n66	QPSK	349000	1745	1	1	Back	5mm	0.885	1.44	0.315	0.312	0.284	0.420	1.087	0.442	0.298	0.255	0.326	0.390

Mode	Service/ Modulation	Channel	Frequenc y (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR	Average Value of Time Sweep (W/kg)										
								Auto-Tune	17	35	53	71	89	107	125	143	161	179	
FR1 n71	QPSK	136100	680.5	50	28	Top Side	5mm	0.389	0.854	0.211	0.201	0.188	0.311	0.740	0.310	0.188	0.201	0.221	0.264

