

Full & Default Power Mode_Main PA

n5 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	25.29	25.29	25.29			
20	1/2 BPSK	1	53	25.31	25.28	25.24	25.7	0.0	
20	1/2 BPSK	1	104	25.11	25.13	25.14			
20	1/2 BPSK	50	0	24.69	24.70	24.63	25.2	0.5	
20	1/2 BPSK	50	28	25.28	25.32	25.26	25.7	0.0	
20	1/2 BPSK	50	56	24.62	24.72	24.63			
20	1/2 BPSK	100	0	24.82	24.77	24.82	25.2	0.5	
20	QPSK	1	1	25.29	25.33	25.27			
20	QPSK	1	53	25.32	25.32	25.24	25.7	0.0	
20	QPSK	1	104	25.13	25.09	25.09			
20	QPSK	50	0	24.23	24.27	24.26	24.7	1.0	
20	QPSK	50	28	25.20	25.23	25.21	25.7	0.0	
20	QPSK	50	56	24.15	24.08	24.08			
20	QPSK	100	0	24.26	24.29	24.28	24.7	1.0	
20	16QAM	1	1	24.16	24.15	24.20	24.7	1.0	
20	64QAM	1	1	22.63	22.62	22.60	23.2	2.5	
20	256QAM	1	1	20.49	20.51	20.56	21.2	4.5	
Channel				166300	167300	168300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	25.24	25.19	25.17	25.7	0.0	
Channel				165800	167300	168800	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	25.22	25.22	25.13	25.7	0.0	
Channel				165300	167300	169300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	25.14	25.26	25.21	25.7	0.0	

n12 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	1/2 BPSK	1	1	25.39	25.39	25.48			
15	1/2 BPSK	1	40	25.41	25.43	25.38	25.7	0.0	
15	1/2 BPSK	1	77	25.32	25.35	25.29			
15	1/2 BPSK	36	0	24.88	24.83	24.89	25.2	0.5	
15	1/2 BPSK	36	22	25.43	25.39	25.45	25.7	0.0	
15	1/2 BPSK	36	43	24.84	24.80	24.79			
15	1/2 BPSK	75	0	24.93	24.99	24.90	25.2	0.5	
15	QPSK	1	1	25.47	25.52	25.48			
15	QPSK	1	40	25.48	25.43	25.38	25.7	0.0	
15	QPSK	1	77	25.33	25.24	25.26			
15	QPSK	36	0	24.37	24.46	24.43	24.7	1.0	
15	QPSK	36	22	25.44	25.47	25.43	25.7	0.0	
15	QPSK	36	43	24.33	24.27	24.23			
15	QPSK	75	0	24.48	24.52	24.45	24.7	1.0	
15	16QAM	1	1	24.26	24.37	24.32	24.7	1.0	
15	64QAM	1	1	22.84	22.73	22.82	23.2	2.5	
15	256QAM	1	1	20.71	20.73	20.66	21.2	4.5	
Channel				140800	141500	142200	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	25.41	25.46	25.43	25.7	0.0	
Channel				140300	141500	142700	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	25.32	25.43	25.40	25.7	0.0	

n26 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	1/2 BPSK	1	1	25.34	25.35	25.33			
20	1/2 BPSK	1	53	25.25	25.30	25.28	25.7	0.0	
20	1/2 BPSK	1	104	25.19	25.11	25.09			
20	1/2 BPSK	50	0	24.74	24.66	24.76	25.2	0.5	
20	1/2 BPSK	50	28	25.29	25.27	25.36	25.7	0.0	
20	1/2 BPSK	50	56	24.68	24.74	24.73			
20	1/2 BPSK	100	0	24.78	24.79	24.79	25.2	0.5	
20	QPSK	1	1	25.35	25.39	25.37			
20	QPSK	1	53	25.36	25.33	25.27	25.7	0.0	
20	QPSK	1	104	25.14	25.14	25.09			
20	QPSK	50	0	24.32	24.28	24.22	24.7	1.0	
20	QPSK	50	28	25.29	25.34	25.31	25.7	0.0	
20	QPSK	50	56	24.05	24.09	24.09			
20	QPSK	100	0	24.35	24.36	24.29	24.7	1.0	
20	16QAM	1	1	24.15	24.19	24.11	24.7	1.0	
20	64QAM	1	1	22.59	22.59	22.58	23.2	2.5	
20	256QAM	1	1	20.48	20.46	20.53	21.2	4.5	
Channel				164300	166300	168300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	25.22	25.24	25.23	25.7	0.0	
Channel				163800	166300	168800	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	25.30	25.32	25.27	25.7	0.0	
Channel				163300	166300	169300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	25.24	25.33	25.33	25.7	0.0	

n71 Ant0 Default								
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel				136100				
Frequency (MHz)				680.5				
35	1/2 BPSK	1	1	25.24			25.7	0.0
35	1/2 BPSK	1	90	25.14				
35	1/2 BPSK	1	186	25.10				
35	1/2 BPSK	90	0	24.60			25.2	0.5
35	1/2 BPSK	90	45	25.20			25.7	0.0
35	1/2 BPSK	90	90	24.58			25.2	0.5
35	1/2 BPSK	180	0	24.70				
35	QPSK	1	1	25.25			25.7	0.0
35	QPSK	1	90	25.16				
35	QPSK	1	186	25.00				
35	QPSK	90	0	24.16			24.7	1.0
35	QPSK	90	45	25.21			25.7	0.0
35	QPSK	90	90	24.06			24.7	1.0
35	QPSK	180	0	24.23				
35	16QAM	1	1	24.04			24.7	1.0
35	64QAM	1	1	22.54			23.2	2.5
35	256QAM	1	1	20.48			21.2	4.5
Channel				135600	136100	136600	Tune- up limit	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	25.14	25.19	25.10	25.7	0.0
Channel				135100	136100	137100	Tune- up limit	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	25.12	25.10	25.18	25.7	0.0
Channel				134600	136100	137600	Tune- up limit	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	25.18	25.13	25.15	25.7	0.0
Channel				134100	136100	138100	Tune- up limit	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	25.10	25.14	25.17	25.7	0.0
Channel				133600	136100	138600	Tune- up limit	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	25.14	25.15	25.14	25.7	0.0
Channel				133100	136100	139100	Tune- up limit	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	25.15	25.15	25.08	25.7	0.0

n5 Ant1 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	25.38	25.44	25.45	25.7	0.0	
20	1/2 BPSK	1	53	25.39	25.48	25.34			
20	1/2 BPSK	1	104	25.37	25.35	25.24			
20	1/2 BPSK	50	0	24.91	24.81	24.90	25.2	0.5	
20	1/2 BPSK	50	28	25.39	25.38	25.46	25.7	0.0	
20	1/2 BPSK	50	56	24.83	24.86	24.80	25.2	0.5	
20	1/2 BPSK	100	0	24.90	24.98	24.84			
20	QPSK	1	1	25.56	25.62	25.53			
20	QPSK	1	53	25.49	25.48	25.38	25.7	0.0	
20	QPSK	1	104	25.30	25.22	25.25	24.7	1.0	
20	QPSK	50	0	24.31	24.45	24.40			
20	QPSK	50	28	25.41	25.57	25.45			
20	QPSK	50	56	24.28	24.24	24.18	24.7	1.0	
20	QPSK	100	0	24.53	24.56	24.46			
20	16QAM	1	1	24.31	24.34	24.31	24.7	1.0	
20	64QAM	1	1	22.82	22.79	22.86	23.2	2.5	
20	256QAM	1	1	20.65	20.69	20.64	21.2	4.5	
Channel				168200	167200	168200			
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	25.50	25.46	25.45	25.7	0.0	
Channel				165900	167300	168800			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	25.51	25.50	25.44	25.7	0.0	
Channel				163200	167200	167200			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	25.49	25.56	25.44	25.7	0.0	

n12 Ant1 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dB)		
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	1/2 BPSK	1	1	25.39	25.38	25.49	25.7	0.0	
15	1/2 BPSK	1	40	25.47	25.40	25.39			
15	1/2 BPSK	1	77	25.27	25.39	25.30			
15	1/2 BPSK	36	0	24.89	24.82	24.86	25.2	0.5	
15	1/2 BPSK	36	22	25.38	25.43	25.41	25.7	0.0	
15	1/2 BPSK	36	43	24.89	24.85	24.80	25.2	0.5	
15	1/2 BPSK	75	0	24.89	24.94	24.93			
15	QPSK	1	1	25.54	25.63	25.57			
15	QPSK	1	40	25.53	25.41	25.40	25.7	0.0	
15	QPSK	1	77	25.35	25.30	25.32	24.7	1.0	
15	QPSK	36	0	24.36	24.41	24.37			
15	QPSK	36	22	25.51	25.58	25.49			
15	QPSK	36	43	24.33	24.31	24.28	24.7	1.0	
15	QPSK	75	0	24.53	24.55	24.49			
15	16QAM	1	1	24.23	24.40	24.28	24.7	1.0	
15	64QAM	1	1	22.81	22.69	22.80	23.2	2.5	
15	256QAM	1	1	20.72	20.70	20.70	21.2	4.5	
Channel				140800	141500	142200			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	25.53	25.51	25.49	25.7	0.0	
Channel				140300	141500	142700			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	25.48	25.53	25.52	25.7	0.0	

n26 Ant1 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (MHz)	Power Middle Ch. / Freq. (MHz)	Power High Ch. / Freq. (MHz)	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	1/2 BPSK	1	1	25.41	25.38	25.46	25.7	0.0	
20	1/2 BPSK	1	53	25.41	25.39	25.37			
20	1/2 BPSK	1	104	25.28	25.37	25.32			
20	1/2 BPSK	50	0	24.89	24.78	24.87	25.2	0.5	
20	1/2 BPSK	50	28	25.46	25.35	25.42	25.7	0.0	
20	1/2 BPSK	50	56	24.83	24.79	24.81	25.2	0.5	
20	1/2 BPSK	100	0	24.96	24.96	24.93			
20	QPSK	1	1	25.54	25.57	25.55			
20	QPSK	1	53	25.48	25.45	25.33	25.7	0.0	
20	QPSK	1	104	25.30	25.28	25.23	24.7	1.0	
20	QPSK	50	0	24.33	24.46	24.40			
20	QPSK	50	28	25.44	25.51	25.49			
20	QPSK	50	56	24.29	24.26	24.27	24.7	1.0	
20	QPSK	100	0	24.46	24.52	24.49			
20	16QAM	1	1	24.24	24.33	24.36	24.7	1.0	
20	64QAM	1	1	22.79	22.75	22.85	23.2	2.5	
20	256QAM	1	1	20.66	20.78	20.69	21.2	4.5	
Channel				164300	166300	167000			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	25.52	25.46	25.46	25.7	0.0	
Channel				163800	166300	168800			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	25.42	25.48	25.44	25.7	0.0	
Channel				163300	166300	167000			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	25.43	25.51	25.45	25.7	0.0	

n71 Ant1 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				136100					
Frequency (MHz)				680.5					
35	1/2 BPSK	1	1		25.24		25.7	0.0	
35	1/2 BPSK	1	90		25.18				
35	1/2 BPSK	1	186		25.18				
35	1/2 BPSK	90	0		24.69		25.2	0.5	
35	1/2 BPSK	90	45		25.19		25.7	0.0	
35	1/2 BPSK	90	90		24.55		25.2	0.5	
35	1/2 BPSK	180	0		24.82				
35	QPSK	1	1		25.32				
35	QPSK	1	90		25.24		25.7	0.0	
35	QPSK	1	186		25.10		24.7	1.0	
35	QPSK	90	0		24.25				
35	QPSK	90	45		25.28				
35	QPSK	90	90		24.10		24.7	1.0	
35	QPSK	180	0		24.24				
35	16QAM	1	1		24.18		24.7	1.0	
35	64QAM	1	1		22.47		23.2	2.5	
35	256QAM	1	1		20.55		21.2	4.5	
Channel				135600	136100	136600			
Frequency (MHz)				678	680.5	683			
30	QPSK	1	1	25.21	25.16	25.23	25.7	0.0	
Channel				135100	136100	137100			
Frequency (MHz)				675.5	680.5	685.5			
25	QPSK	1	1	25.17	25.19	25.22	25.7	0.0	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	1	25.21	25.19	25.19	25.7	0.0	
Channel				134100	136100	138100			
Frequency (MHz)				670.5	680.5	693.5			
15	QPSK	1	1	25.19	25.25	25.19	25.7	0.0	
Channel				133600	136100	138600			
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	25.22	25.26	25.25	25.7	0.0	
Channel				133100	136100	139100			
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	25.18	25.17	25.28	25.7	0.0	

n2 Ant5 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	1/2 BPSK	1	1	24.14	24.27	24.14			
40	1/2 BPSK	1	108	24.21	24.33	24.21	25.0	0.0	
40	1/2 BPSK	1	214	24.29	24.42	24.38			
40	1/2 BPSK	108	0	23.83	23.87	23.74	24.5	0.5	
40	1/2 BPSK	108	54	24.31	24.36	24.27	25.0	0.0	
40	1/2 BPSK	108	108	24.03	24.05	23.93			
40	1/2 BPSK	216	0	23.91	24.03	23.91	24.5	0.5	
40	QPSK	1	1	24.57	24.62	24.54			
40	QPSK	1	108	24.36	24.45	24.33	25.0	0.0	
40	QPSK	1	214	24.44	24.52	24.41			
40	QPSK	108	0	23.32	23.43	23.32	24.0	1.0	
40	QPSK	108	54	24.43	24.54	24.45	25.0	0.0	
40	QPSK	108	108	23.52	23.57	23.48			
40	QPSK	216	0	23.54	23.64	23.58	24.0	1.0	
40	16QAM	1	1	23.20	23.29	23.17	24.0	1.0	
40	64QAM	1	1	21.62	21.72	21.67	22.5	2.5	
40	256QAM	1	1	19.58	19.57	19.61	20.5	4.5	
Channel				373000	376000	379000			
Frequency (MHz)				1887.5	1880	1892.5			
35	QPSK	1	1	24.48	24.58	24.44	25.0	0.0	
Channel				373000	376000	379000			
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	24.50	24.58	24.49	25.0	0.0	
Channel				372000	376000	379000			
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	24.52	24.50	24.48	25.0	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1860	1860			
20	QPSK	1	1	24.44	24.58	24.41	25.0	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	24.51	24.58	24.47	25.0	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1865	1860	1865			
10	QPSK	1	1	24.55	24.59	24.42	25.0	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1862.5	1880	1907.5			
5	QPSK	1	1	24.43	24.59	24.49	25.0	0.0	

n7 Ant5 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	25.32	25.35	25.23			
50	1/2 BPSK	1	138	25.22	25.24	25.16	25.5	0.0	
50	1/2 BPSK	1	268	25.24	25.30	25.22			
50	1/2 BPSK	135	0	24.77	24.86	24.78	25.0	0.5	
50	1/2 BPSK	135	68	25.20	25.33	25.28	25.5	0.0	
50	1/2 BPSK	135	138	24.83	24.88	24.86			
50	1/2 BPSK	270	0	24.71	24.79	24.70	25.0	0.5	
50	QPSK	1	1	25.33	25.36	25.31			
50	QPSK	1	138	24.85	24.99	24.91	25.5	0.0	
50	QPSK	1	268	24.91	25.01	24.99			
50	QPSK	135	0	24.31	24.44	24.42	24.5	1.0	
50	QPSK	135	68	25.28	25.31	25.27	25.5	0.0	
50	QPSK	135	138	24.35	24.43	24.38			
50	QPSK	270	0	24.34	24.42	24.30	24.5	1.0	
50	16QAM	1	1	24.24	24.36	24.29	24.5	1.0	
50	64QAM	1	1	22.75	22.81	22.67	23.0	2.5	
50	256QAM	1	1	20.63	20.88	20.81	21.0	4.5	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	25.27	25.29	25.21	25.5	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	25.18	25.31	25.21	25.5	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	25.19	25.34	25.24	25.5	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	25.27	25.33	25.20	25.5	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	25.29	25.26	25.20	25.5	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	25.20	25.24	25.26	25.5	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	25.26	25.28	25.20	25.5	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	25.29	25.33	25.22	25.5	0.0	

n25 Ant5 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	24.24	24.31	24.22			
40	1/2 BPSK	1	108	24.21	24.28	24.25	25.0	0.0	
40	1/2 BPSK	1	214	24.19	24.23	24.13			
40	1/2 BPSK	108	0	23.72	23.84	23.72	24.5	0.5	
40	1/2 BPSK	108	54	24.37	24.39	24.34	25.0	0.0	
40	1/2 BPSK	108	108	24.01	24.06	23.97			
40	1/2 BPSK	216	0	24.03	24.12	24.06	24.5	0.5	
40	QPSK	1	1	24.40	24.44	24.42			
40	QPSK	1	108	24.14	24.27	24.23	25.0	0.0	
40	QPSK	1	214	24.23	24.31	24.27			
40	QPSK	108	0	23.34	23.39	23.36	24.0	1.0	
40	QPSK	108	54	24.30	24.42	24.35	25.0	0.0	
40	QPSK	108	108	23.48	23.54	23.48			
40	QPSK	216	0	23.55	23.63	23.81	24.0	1.0	
40	16QAM	1	1	23.13	23.24	23.16	24.0	1.0	
40	64QAM	1	1	21.55	21.65	21.51	22.5	2.5	
40	256QAM	1	1	19.58	19.63	19.58	20.5	4.5	
Channel				373500	376500	379500			
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	24.35	24.30	24.38	25.0	0.0	
Channel				373000	376500	380000			
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	24.38	24.30	24.32	25.0	0.0	
Channel				372500	376500	380500			
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	24.36	24.31	24.32	25.0	0.0	
Channel				372000	376500	381000			
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	24.34	24.31	24.36	25.0	0.0	
Channel				371500	376500	381500			
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	24.29	24.34	24.30	25.0	0.0	
Channel				371000	376500	382000			
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	24.30	24.38	24.36	25.0	0.0	
Channel				370500	376500	382500			
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	24.35	24.38	24.31	25.0	0.0	

n38 Ant5 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	516000	516996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	25.27	25.34	25.31			
40	1/2 BPSK	1	53	25.07	25.18	25.12	25.7	0.0	
40	1/2 BPSK	1	104	25.09	25.21	25.17			
40	1/2 BPSK	50	0	24.69	24.79	24.77	25.2	0.5	
40	1/2 BPSK	50	25	25.21	25.30	25.18	25.7	0.0	
40	1/2 BPSK	50	56	24.57	24.71	24.66			
40	1/2 BPSK	100	0	24.69	24.81	24.75	25.2	0.5	
40	QPSK	1	1	25.35	25.38	25.34			
40	QPSK	1	53	25.13	25.21	25.10	25.7	0.0	
40	QPSK	1	104	25.24	25.28	25.16			
40	QPSK	50	0	24.24	24.29	24.26	24.7	1.0	
40	QPSK	50	25	25.21	25.33	25.24	25.7	0.0	
40	QPSK	50	56	24.19	24.24	24.19			
40	QPSK	100	0	24.17	24.29	24.23	24.7	1.0	
40	16QAM	1	1	24.20	24.28	24.18	24.7	1.0	
40	64QAM	1	1	22.75	22.78	22.70	23.2	2.5	
40	256QAM	1	1	20.55	20.68	20.62	21.2	4.5	
Channel				517002	516000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	25.19	25.22	25.27	25.7	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	25.26	25.30	25.19	25.7	0.0	
Channel				516000	517000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	25.27	25.29	25.21	25.7	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	25.20	25.24	25.30	25.7	0.0	
Channel				516004	517000	522000			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	25.22	25.31	25.30	25.7	0.0	

n41 Ant5 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	25.40	25.44	25.35			
100	1/2 BPSK	1	137	25.35	25.47	25.45	26.0	0.0	
100	1/2 BPSK	1	271	25.32	25.40	25.27			
100	1/2 BPSK	135	0	24.88	24.94	24.87	25.5	0.5	
100	1/2 BPSK	135	69	25.43	25.46	25.37	26.0	0.0	
100	1/2 BPSK	135	138	24.94	25.04	24.95			
100	1/2 BPSK	270	0	24.84	24.97	24.94	25.5	0.5	
100	QPSK	1	1	25.46	25.50	25.44			
100	QPSK	1	137	25.41	25.49	25.41	26.0	0.0	
100	QPSK	1	271	25.41	25.46	25.35			
100	QPSK	135	0	24.37	24.45	24.36	25.0	1.0	
100	QPSK	135	69	25.44	25.46	25.39	26.0	0.0	
100	QPSK	135	138	24.35	24.48	24.39			
100	QPSK	270	0	24.30	24.41	24.31	25.0	1.0	
100	16QAM	1	1	24.45	24.47	24.36	25.0	1.0	
100	64QAM	1	1	22.87	22.91	22.83	23.5	2.5	
100	256QAM	1	1	20.77	20.86	20.75	21.5	4.5	
Channel				520500	518598	529998			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	25.32	25.42	25.41	26.0	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	25.40	25.37	25.36	26.0	0.0	
Channel				5231.01	518598	529998			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	25.37	25.44	25.35	26.0	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	25.35	25.38	25.40	26.0	0.0	
Channel				524204	518598	532996			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	25.38	25.46	25.32	26.0	0.0	
Channel				503700	518598	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	25.40	25.41	25.31	26.0	0.0	
Channel				5216.01	5292.99	2670			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	25.37	25.47	25.40	26.0	0.0	
Channel				502704	518598	534496			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	25.31	25.38	25.33	26.0	0.0	
Channel				502200	518598	533996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	25.40	25.41	25.37	26.0	0.0	
Channel				501702	518598	533500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	25.36	25.39	25.29	26.0	0.0	
Channel				501204	518598	533996			
Frequency (MHz)				2506.52	2592.99	2679.99			
20	QPSK	1	1	25.40	25.37	25.42	26.0	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	25.43	25.39	25.30	26.0	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.51	2592.99	2685			
10	QPSK	1	1	25.42	25.44	25.40	26.0	0.0	

n48 Ant5 Default									
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	23.19	23.31	23.18			
40	1/2 BPSK	1	53	23.28	23.33	23.25	24.5	0.0	
40	1/2 BPSK	1	104	23.27	23.34	23.24			
40	1/2 BPSK	50	0	22.89	22.91	22.85	24.0	0.5	
40	1/2 BPSK	50	25	23.32	23.36	23.29	24.5	0.0	
40	1/2 BPSK	50	56	22.95	22.98	22.90			
40	1/2 BPSK	100	0	22.83	22.92	22.79	24.0	0.5	
40	QPSK	1	1	23.42	23.46	23.39			
40	QPSK	1	53	23.24	23.29	23.17	24.5	0.0	
40	QPSK	1	104	23.25	23.34	23.31			
40	QPSK	50	0	22.33	22.32	22.32	23.5	1.0	
40	QPSK	50	25	23.27	23.31	23.21	24.5	0.0	
40	QPSK	50	56	22.32	22.36	22.29			
40	QPSK	100	0	22.33	22.37	22.30	23.5	1.0	
40	16QAM	1	1	22.18	22.31	22.20	23.5	1.0	
40	64QAM	1	1	20.76	20.79	20.71	22.0	2.5	
40	256QAM	1	1	18.72	18.85	18.80	20.0	4.5	
Channel				637000	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	23.37	23.35	23.37	24.5	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	23.38	23.43	23.29	24.5	0.0	
Channel				637668	641666	646166			
Frequency (MHz)				3559.05	3624.99	3691.05			
15	QPSK	1	1	23.33	23.32	23.32	24.5	0.0	
Channel				637668	641666	646332			
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	23.36	23.38	23.37	24.5	0.0	

Part270 n77 PC2 Ant5 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3790000	3840000	3930000			
100	1/2 BPSK	1	1	27.69	27.74	27.59			
100	1/2 BPSK	1	137	27.57	27.64	27.50	28.5	0.0	
100	1/2 BPSK	1	271	27.54	27.64	27.53			
100	1/2 BPSK	135	0	27.12	27.21	27.10	28.0	0.5	
100	1/2 BPSK	135	69	27.55	27.72	27.65	28.5	0.0	
100	1/2 BPSK	135	138	27.06	27.13	27.02			
100	1/2 BPSK	270	0	27.06	27.10	27.08	28.0	0.5	
100	QPSK	1	1	27.67	27.80	27.74			
100	QPSK	1	137	27.52	27.67	27.48	28.5	0.0	
100	QPSK	1	271	27.65	27.70	27.68			
100	QPSK	135	0	26.45	26.61	26.51	27.5	1.0	
100	QPSK	135	69	27.58	27.61	27.59	28.5	0.0	
100	QPSK	135	138	26.62	26.64	26.51			
100	QPSK	270	0	26.69	26.71	26.67	27.5	1.0	
100	16QAM	1	1	26.16	26.63	26.57	27.5	1.0	
100	64QAM	1	1	25.26	25.33	25.17	26.0	2.5	
100	256QAM	1	1	23.31	23.35	23.25	24.0	4.5	
Channel				648668	650000	652334	MPR up (dB)		
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	27.63	27.72	27.62	28.5	0.0	
Channel				649334	650000	652668	MPR up (dB)		
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	27.57	27.74	27.65	28.5	0.0	
Channel				649200	650000	652000	MPR up (dB)		
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	27.54	27.67	27.59	28.5	0.0	
Channel				648668	650000	663334	MPR up (dB)		
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	27.56	27.75	27.67	28.5	0.0	
Channel				648334	650000	663668	MPR up (dB)		
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	27.62	27.74	27.60	28.5	0.0	
Channel				648000	650000	664000	MPR up (dB)		
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	27.54	27.75	27.67	28.5	0.0	
Channel				647668	650000	664334	MPR up (dB)		
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	27.55	27.73	27.69	28.5	0.0	
Channel				647500	650000	664500	MPR up (dB)		
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	27.60	27.68	27.58	28.5	0.0	
Channel				647334	650000	664668	MPR up (dB)		
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	27.55	27.73	27.64	28.5	0.0	
Channel				647168	650000	664834	MPR up (dB)		
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	27.60	27.69	27.68	28.5	0.0	
Channel				647000	650000	665000	MPR up (dB)		
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	27.59	27.69	27.66	28.5	0.0	

Part27Q n77 Ant5 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		25.08				
100	1/2 BPSK	1	137		24.82		26.0	0.0	
100	1/2 BPSK	1	271		24.88				
100	1/2 BPSK	135	0		24.92		26.0	0.0	
100	1/2 BPSK	135	69		24.95		26.0	0.0	
100	1/2 BPSK	135	138		24.81				
100	1/2 BPSK	270	0		24.91		26.0	0.0	
100	QPSK	1	1		25.11				
100	QPSK	1	137		24.92		26.0	0.0	
100	QPSK	1	271		24.85				
100	QPSK	135	0		24.77		26.0	0.0	
100	QPSK	135	69		24.85		26.0	0.0	
100	QPSK	135	138		24.72				
100	QPSK	270	0		24.82		26.0	0.0	
100	16QAM	1	1		24.91		26.0	0.0	
100	64QAM	1	1		24.47		25.5	0.5	
100	256QAM	1	1		22.41		23.5	2.5	
Channel				633000	633334	633668	MPR up (dB)		
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	24.97	25.03	25.05	26.0	0.0	
Channel				632668	633334	634000	MPR up (dB)		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	24.98	25.03	25.05	26.0	0.0	
Channel				632334	633334	634334	MPR up (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	25.00	25.01	24.98	26.0	0.0	
Channel				632000	633334	634668	MPR up (dB)		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	24.98	24.97	25.05	26.0	0.0	
Channel				631668	633334	635000	MPR up (dB)		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	25.06	25.02	25.02	26.0	0.0	
Channel				631334	633334	635334	MPR up (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	25.05	24.96	25.05	26.0	0.0	
Channel				631000	633334	635668	MPR up (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	25.05	24.98	25.03	26.0	0.0	
Channel				630834	633334	635834	MPR up (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	25.04	25.06	25.06	26.0	0.0	
Channel				630668	633334	636000	MPR up (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	24.98	25.01	25.00	26.0	0.0	
Channel				630500	633334	636168	MPR up (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	25.05	24.99	25.01	26.0	0.0	
Channel				630334	633334	636334	MPR up (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	24.98	24.98	24.97	26.0	0.0	

Part27Q n77 PC2 Ant5 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit [dBm]	MPR [dB]	
Channel									
Frequency [MHz]				3500.01					
100	1/2 BPSK	1	1		26.97				
100	1/2 BPSK	1	137		26.74		28.5	0.0	
100	1/2 BPSK	1	271		26.93				
100	1/2 BPSK	135	0		26.35		28.0	0.5	
100	1/2 BPSK	135	69		26.84		28.5	0.0	
100	1/2 BPSK	135	138		26.28				
100	1/2 BPSK	270	0		26.20		28.0	0.5	
100	QPSK	1	1		27.06				
100	QPSK	1	137		26.79		28.5	0.0	
100	QPSK	1	271		26.82				
100	QPSK	135	0		25.85		27.5	1.0	
100	QPSK	135	69		26.76		28.5	0.0	
100	QPSK	135	138		25.78				
100	QPSK	270	0		25.81				
100	16QAM	1	1		25.89		27.5	1.0	
100	64QAM	1	1		25.42		26.0	2.5	
100	256QAM	1	1		22.48		23.0	4.5	
Channel									
Frequency [MHz]				34950	35001	35050.02	34968	[dB]	
90	QPSK	1	1	27.01	26.96	27.02	28.5	0.0	
Channel				342668	343334	344000			
Frequency [MHz]				34201	34250	34310			
80	QPSK	1	1	27.01	26.94	26.96	28.5	0.0	
Channel				343234	343334	343434			
Frequency [MHz]				3465.01	3500.01	3515.01			
70	QPSK	1	1	26.97	27.00	35.01	28.5	0.0	
Channel				342000	343334	344668			
Frequency [MHz]				3480	3500	3520	0.2		
60	QPSK	1	1	26.92	26.96	26.98	28.5	0.0	
Channel				343168	343334	343500			
Frequency [MHz]				3475.02	3500.01	3525			
50	QPSK	1	1	26.99	26.96	26.96	28.5	0.0	
Channel				341334	343334	345334			
Frequency [MHz]				34701	3500.01	3530.01			
40	QPSK	1	1	26.98	26.98	26.98	28.5	0.0	
Channel				343000	343334	343668			
Frequency [MHz]				3465	3500.01	3535.02			
30	QPSK	1	1	26.90	26.96	27.00	28.5	0.0	
Channel				609834	343334	345834			
Frequency [MHz]				3462.3	3500.01	3537.31			
25	QPSK	1	1	26.97	26.94	26.96	28.5	0.0	
Channel				343668	343334	343900			
Frequency [MHz]				3460.02	3500.01	3540			
20	QPSK	1	1	27.00	26.96	26.97	28.5	0.0	
Channel				609500	343334	345168			
Frequency [MHz]				3437.3	3500.01	3532.32			
15	QPSK	1	1	26.99	26.94	26.96	28.5	0.0	
Channel				343334	343334	343334			
Frequency [MHz]				3455.01	3500.01	3545.01			
10	QPSK	1	1	26.97	26.96	26.95	28.5	0.0	

Part270 n78 PC2 Ant5 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				680000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1		27.59				
100	1/2 BPS	1	137		27.57		28.5	0.0	
100	1/2 BPS	1	271		27.62				
100	1/2 BPS	135	0		27.19		28.0	0.5	
100	1/2 BPS	135	69		27.63		28.5	0.0	
100	1/2 BPS	135	138		27.15				
100	1/2 BPS	270	0		27.17		28.0	0.5	
100	QPSK	1	1		27.68				
100	QPSK	1	137		27.57		28.5	0.0	
100	QPSK	1	271		27.61				
100	QPSK	135	0		26.52		27.5	1.0	
100	QPSK	135	69		27.54		28.5	0.0	
100	QPSK	135	138		26.65		27.5	1.0	
100	QPSK	270	0		26.67				
100	16QAM	1	1		26.63		27.5	1.0	
100	64QAM	1	1		25.06		26.0	2.5	
100	256QAM	1	1		23.12		24.0	4.5	
Channel				649668	650000	650334			
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		27.52	27.59	27.56	28.5	0.0
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		27.48	27.54	27.59	28.5	0.0
Channel				649000	650000	651000			
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		27.53	27.62	27.52	28.5	0.0
Channel				648668	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		27.45	27.56	27.59	28.5	0.0
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		27.46	27.55	27.53	28.5	0.0
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		27.53	27.61	27.54	28.5	0.0
Channel				647668	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		27.51	27.55	27.57	28.5	0.0
Channel				647500	650000	652500			
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		27.54	27.59	27.56	28.5	0.0
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		27.48	27.63	27.49	28.5	0.0
Channel				647168	650000	652834			
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		27.52	27.60	27.53	28.5	0.0
Channel				647000	650000	653000			
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		27.54	27.60	27.50	28.5	0.0

Part27Q n78 Ant5 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		25.46				
100	1/2 BPS	1	137		25.28		26.0	0.0	
100	1/2 BPS	1	271		25.31				
100	1/2 BPS	135	0		25.37		26.0	0.0	
100	1/2 BPS	135	69		25.25		26.0	0.0	
100	1/2 BPS	135	138		25.17				
100	1/2 BPS	270	0		25.27		26.0	0.0	
100	QPSK	1	1		25.55				
100	QPSK	1	137		25.23		26.0	0.0	
100	QPSK	1	271		25.37				
100	QPSK	135	0		25.21		26.0	0.0	
100	QPSK	135	69		25.24		26.0	0.0	
100	QPSK	135	138		25.23				
100	QPSK	270	0		25.43		26.0	0.0	
100	16QAM	1	1		25.45		26.0	0.0	
100	64QAM	1	1		24.92		25.5	0.5	
100	256QAM	1	1		22.90		23.5	2.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		25.41	25.46	25.44	26.0	0.0
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		25.44	25.45	25.43	26.0	0.0
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		25.45	25.51	25.51	26.0	0.0
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		25.42	25.40	25.50	26.0	0.0
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		25.51	25.39	25.42	26.0	0.0
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		25.42	25.47	25.43	26.0	0.0
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		25.41	25.41	25.40	26.0	0.0
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		25.45	25.49	25.42	26.0	0.0
Channel				630568	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		25.49	25.43	25.39	26.0	0.0
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		25.43	25.40	25.45	26.0	0.0
Channel				630384	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		25.47	25.42	25.41	26.0	0.0

Part27Q n78 PC2 Ant5 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				3500.01					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		27.36		28.5	0.0	
100	1/2 BPS	1	137		27.10				
100	1/2 BPS	1	271		27.21				
100	1/2 BPS	135	0		26.65		28.0	0.5	
100	1/2 BPS	135	69		27.12		28.5	0.0	
100	1/2 BPS	135	138		26.64				
100	1/2 BPS	270	0		26.59		28.0	0.5	
100	QPSK	1	1		27.52				
100	QPSK	1	137		27.01		28.5	0.0	
100	QPSK	1	271		27.14				
100	QPSK	135	0		26.12		27.5	1.0	
100	QPSK	135	69		27.36		28.5	0.0	
100	QPSK	135	138		26.16		27.5	1.0	
100	QPSK	270	0		26.20				
100	16QAM	1	1		26.22		27.5	1.0	
100	64QAM	1	1		24.99		26.0	2.5	
100	256QAM	1	1		22.94		24.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		27.37	27.42	27.45	28.5	0.0
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		27.42	27.41	27.37	28.5	0.0
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		27.40	27.42	27.45	28.5	0.0
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		27.46	27.38	27.45	28.5	0.0
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		27.46	27.42	27.46	28.5	0.0
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		27.45	27.40	27.39	28.5	0.0
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		27.43	27.44	27.47	28.5	0.0
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		27.44	27.44	27.37	28.5	0.0
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		27.37	27.38	27.39	28.5	0.0
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		27.37	27.39	27.47	28.5	0.0
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		27.42	27.42	27.46	28.5	0.0

n2 Ant4 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	1/2 BPSK	1	1	21.11	21.08	20.98			
40	1/2 BPSK	1	108	21.07	21.12	21.05	22.4	0.0	
40	1/2 BPSK	1	214	21.07	21.11	21.03			
40	1/2 BPSK	108	0	20.69	20.65	20.60	21.9	0.5	
40	1/2 BPSK	108	54	21.06	21.10	20.99	22.4	0.0	
40	1/2 BPSK	108	108	20.95	20.82	20.63			
40	1/2 BPSK	216	0	20.68	20.61	20.56	21.9	0.5	
40	QPSK	1	1	21.14	21.15	21.11			
40	QPSK	1	108	21.05	21.08	21.00	22.4	0.0	
40	QPSK	1	214	21.00	21.04	21.04			
40	QPSK	108	0	20.10	20.13	20.13	21.4	1.0	
40	QPSK	108	54	21.11	21.12	21.04	22.4	0.0	
40	QPSK	108	108	20.13	20.16	20.12			
40	QPSK	216	0	20.20	20.21	20.11	21.4	1.0	
40	16QAM	1	1	20.11	20.18	20.17	21.4	1.0	
40	64QAM	1	1	18.68	18.71	18.66	19.9	2.5	
40	256QAM	1	1	16.59	16.70	16.60	17.9	4.5	
Channel				373000	376000	378000			
Frequency (MHz)				1887.5	1880	1892.5			
35	QPSK	1	1	21.08	21.06	20.95	22.4	0.0	
Channel				373000	376000	378000			
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	21.00	21.08	21.00	22.4	0.0	
Channel				372000	376000	378000			
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	21.06	21.13	21.08	22.4	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1820	1820	1820			
20	QPSK	1	1	21.10	21.12	21.03	22.4	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	21.01	21.13	21.01	22.4	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1820	1805			
10	QPSK	1	1	21.06	21.06	20.99	22.4	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	21.10	21.08	21.02	22.4	0.0	

n7 Ant4 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	22.93	22.95	22.89			
50	1/2 BPSK	1	135	22.85	22.92	22.85	24.3	0.0	
50	1/2 BPSK	1	268	22.76	22.87	22.77			
50	1/2 BPSK	135	0	22.47	22.51	22.39	23.8	0.5	
50	1/2 BPSK	135	68	22.83	22.94	22.96	24.3	0.0	
50	1/2 BPSK	135	135	22.23	22.34	22.30			
50	1/2 BPSK	270	0	22.36	22.41	22.33	23.8	0.5	
50	QPSK	1	1	22.96	22.95	22.89			
50	QPSK	1	135	22.83	22.90	22.76	24.3	0.0	
50	QPSK	1	268	22.83	22.86	22.82			
50	QPSK	135	0	21.88	21.93	21.82	23.3	1.0	
50	QPSK	135	68	22.92	22.97	22.86	24.3	0.0	
50	QPSK	135	135	21.88	21.92	21.89			
50	QPSK	270	0	21.93	21.96	21.84	23.3	1.0	
50	16QAM	1	1	21.82	21.86	21.77	23.3	1.0	
50	64QAM	1	1	20.32	20.41	20.36	21.8	2.5	
50	256QAM	1	1	18.26	18.37	18.25	19.8	4.5	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	22.91	22.89	22.82	24.3	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	22.88	22.94	22.76	24.3	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	22.89	22.90	22.75	24.3	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	22.84	22.94	22.83	24.3	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	22.92	22.88	22.85	24.3	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	22.85	22.93	22.85	24.3	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	22.92	22.88	22.79	24.3	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	22.90	22.85	22.79	24.3	0.0	

n25 Ant4 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	20.93	20.96	21.00			
40	1/2 BPSK	1	108	21.01	21.02	21.04	22.4	0.0	
40	1/2 BPSK	1	214	21.00	20.99	20.95			
40	1/2 BPSK	108	0	20.55	20.58	20.62	21.9	0.5	
40	1/2 BPSK	108	54	20.98	21.02	20.93	22.4	0.0	
40	1/2 BPSK	108	108	20.58	20.62	20.55			
40	1/2 BPSK	216	0	20.51	20.63	20.53	21.9	0.5	
40	QPSK	1	1	21.04	21.08	21.07			
40	QPSK	1	108	21.02	21.02	20.87	22.4	0.0	
40	QPSK	1	214	20.97	20.99	21.01			
40	QPSK	108	0	20.07	20.09	20.03	21.4	1.0	
40	QPSK	108	54	21.00	21.05	20.96	22.4	0.0	
40	QPSK	108	108	20.06	20.08	20.12			
40	QPSK	216	0	20.05	20.10	20.02	21.4	1.0	
40	16QAM	1	1	19.99	20.05	20.06	21.4	1.0	
40	64QAM	1	1	18.55	18.56	18.57	19.9	2.5	
40	256QAM	1	1	16.51	16.63	16.58	17.9	4.5	
Channel				373500	376500	379500			
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	20.99	21.04	20.98	22.4	0.0	
Channel				373000	376500	380000			
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	20.92	20.99	21.04	22.4	0.0	
Channel				372500	376500	380500			
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	20.94	20.97	21.04	22.4	0.0	
Channel				372000	376500	381000			
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	21.01	20.98	21.05	22.4	0.0	
Channel				371500	376500	381500			
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	20.90	20.97	20.95	22.4	0.0	
Channel				371000	376500	382000			
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	20.97	20.95	21.02	22.4	0.0	
Channel				370500	376500	382500			
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	20.97	20.99	21.00	22.4	0.0	

n38 Ant4 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2580.02	2595	2599.98			
40	1/2 BPSK	1	1	23.39	23.43	23.34			
40	1/2 BPSK	1	53	23.06	23.22	23.08	24.6	0.0	
40	1/2 BPSK	1	104	23.07	23.13	23.00			
40	1/2 BPSK	50	0	22.78	22.88	22.83	24.1	0.5	
40	1/2 BPSK	50	26	23.29	23.36	23.20	24.6	0.0	
40	1/2 BPSK	50	56	22.58	22.70	22.70			
40	1/2 BPSK	100	0	22.81	22.91	22.77	24.1	0.5	
40	QPSK	1	1	23.56	23.60	23.51			
40	QPSK	1	53	23.22	23.31	23.21	24.6	0.0	
40	QPSK	1	104	23.13	23.27	23.21			
40	QPSK	50	0	22.23	22.43	22.31	23.6	1.0	
40	QPSK	50	26	23.36	23.37	23.36	24.6	0.0	
40	QPSK	50	56	22.18	22.23	22.21			
40	QPSK	100	0	22.38	22.39	22.29	23.6	1.0	
40	16QAM	1	1	22.28	22.51	22.36	23.6	1.0	
40	64QAM	1	1	20.87	20.92	20.80	22.1	2.5	
40	256QAM	1	1	18.86	18.88	18.91	20.1	4.5	
Channel				517002	518000	518998			
Frequency (MHz)				2585.01	2599	2604.99			
30	QPSK	1	1	23.49	23.52	23.44	24.6	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	23.48	23.45	23.40	24.6	0.0	
Channel				515000	519000	522000			
Frequency (MHz)				2580	2599	2610			
20	QPSK	1	1	23.46	23.50	23.40	24.6	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	23.50	23.46	23.45	24.6	0.0	
Channel				515004	519000	522500			
Frequency (MHz)				2575.02	2599	2614.98			
10	QPSK	1	1	23.50	23.51	23.37	24.6	0.0	

n41 Ant4 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509002	518598	520000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	23.45	23.43	23.35			
100	1/2 BPSK	1	137	23.29	23.42	23.38	24.8	0.0	
100	1/2 BPSK	1	271	23.32	23.44	23.28			
100	1/2 BPSK	135	0	22.83	22.92	22.77	24.3	0.5	
100	1/2 BPSK	135	69	23.35	23.37	23.16	24.8	0.0	
100	1/2 BPSK	135	138	22.48	22.81	22.59			
100	1/2 BPSK	270	0	22.69	22.71	22.60	24.3	0.5	
100	QPSK	1	1	23.49	23.57	23.50			
100	QPSK	1	137	23.31	23.48	23.35	24.8	0.0	
100	QPSK	1	271	23.33	23.38	23.28			
100	QPSK	135	0	22.41	22.49	22.48	23.8	1.0	
100	QPSK	135	69	23.30	23.46	23.41	24.8	0.0	
100	QPSK	135	138	22.28	22.33	22.30			
100	QPSK	270	0	22.38	22.49	22.37	23.8	1.0	
100	16QAM	1	1	22.43	22.57	22.54	23.8	1.0	
100	64QAM	1	1	20.99	21.05	20.94	22.3	2.5	
100	256QAM	1	1	18.85	18.84	18.85	20.3	4.5	
Channel				508000	518598	520000			
Frequency (MHz)				2541	2592.99	2644.99			
90	QPSK	1	1	23.24	23.40	23.29	24.8	0.0	
Channel				507204	518598	520998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	23.25	23.35	23.32	24.8	0.0	
Channel				506202	518598	521000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	23.32	23.40	23.29	24.8	0.0	
Channel				505200	518598	521998			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	23.33	23.38	23.31	24.8	0.0	
Channel				504204	518598	522000			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	23.26	23.33	23.29	24.8	0.0	
Channel				503700	518598	523496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	23.26	23.40	23.33	24.8	0.0	
Channel				502200	518598	523900			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	23.31	23.42	23.34	24.8	0.0	
Channel				502004	518598	524498			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	23.27	23.32	23.23	24.8	0.0	
Channel				502200	518598	523900			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	23.33	23.38	23.32	24.8	0.0	
Channel				501702	518598	525500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	23.27	23.40	23.25	24.8	0.0	
Channel				501204	518598	525998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	23.24	23.40	23.30	24.8	0.0	
Channel				500700	518598	526496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	23.26	23.31	23.35	24.8	0.0	
Channel				500202	518598	527000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	23.32	23.40	23.27	24.8	0.0	

Part270 n77 Ant4 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	24.75	24.76	24.71			
100	1/2 BPSK	1	137	24.47	24.64	24.65	25.2	0.0	
100	1/2 BPSK	1	271	24.65	24.77	24.61			
100	1/2 BPSK	135	0	24.43	24.60	24.55	25.2	0.0	
100	1/2 BPSK	135	69	24.47	24.49	24.40	25.2	0.0	
100	1/2 BPSK	135	138	24.56	24.66	24.52			
100	1/2 BPSK	270	0	24.41	24.61	24.48	25.2	0.0	
100	QPSK	1	1	24.78	24.79	24.75			
100	QPSK	1	137	24.44	24.46	24.49	25.2	0.0	
100	QPSK	1	271	24.57	24.71	24.58			
100	QPSK	135	0	24.36	24.47	24.41	25.2	0.0	
100	QPSK	135	69	24.49	24.58	24.45	25.2	0.0	
100	QPSK	135	138	24.33	24.48	24.38			
100	QPSK	270	0	24.37	24.58	24.55	25.2	0.0	
100	16QAM	1	1	24.52	24.63	24.42	25.2	0.0	
100	64QAM	1	1	23.97	24.09	24.02	24.7	0.5	
100	256QAM	1	1	22.08	22.11	22.07	22.7	2.5	
Channel				648668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	24.73	24.69	24.70	25.2	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	24.72	24.69	24.66	25.2	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3732.5	3840	3945			
70	QPSK	1	1	24.69	24.69	24.67	25.2	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	24.64	24.66	24.64	25.2	0.0	
Channel				648334	656000	663000			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	24.64	24.70	24.63	25.2	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	24.65	24.69	24.67	25.2	0.0	
Channel				647668	656000	663668			
Frequency (MHz)				3719.52	3840	3965.01			
30	QPSK	1	1	24.72	24.66	24.67	25.2	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	24.66	24.66	24.62	25.2	0.0	
Channel				647133	656000	664133			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	24.67	24.66	24.65	25.2	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	24.72	24.74	24.69	25.2	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	24.65	24.68	24.67	25.2	0.0	

Part27Q n77 Ant4 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		24.48				
100	1/2 BPSK	1	137		24.25		25.2	0.0	
100	1/2 BPSK	1	271		24.23				
100	1/2 BPSK	135	0		24.36		25.2	0.0	
100	1/2 BPSK	135	69		24.26		25.2	0.0	
100	1/2 BPSK	135	138		24.14		25.2	0.0	
100	1/2 BPSK	270	0		24.21				
100	QPSK	1	1		24.51				
100	QPSK	1	137		24.14		25.2	0.0	
100	QPSK	1	271		24.17				
100	QPSK	135	0		24.11		25.2	0.0	
100	QPSK	135	69		24.32		25.2	0.0	
100	QPSK	135	138		24.09				
100	QPSK	270	0		24.27		25.2	0.0	
100	16QAM	1	1		24.37		25.2	0.0	
100	64QAM	1	1		23.68		24.7	0.5	
100	256QAM	1	1		21.82		22.7	2.5	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	24.43	24.48	24.44	25.2	0.0	
Channel				632668	633334	634400	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	24.33	24.43	24.30	25.2	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	24.40	24.39	24.35	25.2	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	24.33	24.44	24.39	25.2	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	24.40	24.39	24.36	25.2	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	24.38	24.38	24.38	25.2	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	24.40	24.45	24.40	25.2	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	24.36	24.43	24.35	25.2	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	24.36	24.38	24.37	25.2	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	24.35	24.34	24.39	25.2	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	24.39	24.39	24.30	25.2	0.0	

Part27Q n77 PC2 Ant4 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		26.35				
100	1/2 BPSK	1	137		26.22		27.4	0.0	
100	1/2 BPSK	1	271		26.12				
100	1/2 BPSK	135	0		25.72		26.9	0.5	
100	1/2 BPSK	135	69		26.12		27.4	0.0	
100	1/2 BPSK	135	138		25.64				
100	1/2 BPSK	270	0		25.83		26.9	0.5	
100	QPSK	1	1		26.41				
100	QPSK	1	137		26.28		27.4	0.0	
100	QPSK	1	271		26.19				
100	QPSK	135	0		25.26		26.4	1.0	
100	QPSK	135	69		26.35		27.4	0.0	
100	QPSK	135	138		25.12				
100	QPSK	270	0		25.39		26.4	1.0	
100	16QAM	1	1		25.39		26.4	1.0	
100	64QAM	1	1		23.96		24.9	2.5	
100	256QAM	1	1		22.06		22.9	4.5	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	26.30	26.35	26.33	27.4	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	26.18	26.20	26.25	27.4	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	26.21	26.28	26.25	27.4	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	26.23	26.23	26.30	27.4	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	26.19	26.32	26.26	27.4	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	26.22	26.28	26.26	27.4	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	26.21	26.27	26.21	27.4	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	26.20	26.31	26.22	27.4	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	26.23	26.29	26.29	27.4	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	26.21	26.24	26.20	27.4	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	26.21	26.21	26.21	27.4	0.0	

Part270 n78 Ant4 Default									
BW	Modulat	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit	MPR	
				Channel		650000			
				Frequency (MHz)		3750			
100	1/2 BPSK	1	1		24.27				
100	1/2 BPSK	1	137		24.23		25.1	0.0	
100	1/2 BPSK	1	271		24.36				
100	1/2 BPSK	135	0		24.19		25.1	0.0	
100	1/2 BPSK	135	69		24.17		25.1	0.0	
100	1/2 BPSK	135	138		24.15		25.1	0.0	
100	1/2 BPSK	270	0		24.14		25.1	0.0	
100	QPSK	1	1		24.43				
100	QPSK	1	137		24.12		25.1	0.0	
100	QPSK	1	271		24.29				
100	QPSK	135	0		24.19		25.1	0.0	
100	QPSK	135	69		24.36		25.1	0.0	
100	QPSK	135	138		24.26				
100	QPSK	270	0		24.11		25.1	0.0	
100	16QAM	1	1		24.08		25.1	0.0	
100	64QAM	1	1		23.69		24.6	0.5	
100	256QAM	1	1		21.61		22.6	2.5	
				Channel		649668	650000	650334	
				Frequency (MHz)		3745.02	3750	3755.01	
90	QPSK	1	1	24.36	24.38	24.35	25.1	0.0	
				Channel		649334	650000	650668	
				Frequency (MHz)		3740.01	3750	3760.02	
80	QPSK	1	1	24.27	24.27	24.35	25.1	0.0	
				Channel		649000	650000	651000	
				Frequency (MHz)		3735	3750	3765	
70	QPSK	1	1	24.39	24.34	24.32	25.1	0.0	
				Channel		648668	650000	651334	
				Frequency (MHz)		3730.02	3750	3770.01	
60	QPSK	1	1	24.28	24.33	24.36	25.1	0.0	
				Channel		648334	650000	651668	
				Frequency (MHz)		3725.01	3750	3775.02	
50	QPSK	1	1	24.35	24.33	24.39	25.1	0.0	
				Channel		648000	650000	652000	
				Frequency (MHz)		3720	3750	3780	
40	QPSK	1	1	24.35	24.32	24.36	25.1	0.0	
				Channel		647668	650000	652334	
				Frequency (MHz)		3715.02	3750	3785.01	
30	QPSK	1	1	24.30	24.35	24.32	25.1	0.0	
				Channel		647500	650000	652500	
				Frequency (MHz)		3712.5	3750	3787.5	
25	QPSK	1	1	24.36	24.29	24.30	25.1	0.0	
				Channel		647335	650000	652668	
				Frequency (MHz)		3710.01	3750	3790.01	
20	QPSK	1	1	24.34	24.30	24.35	25.1	0.0	
				Channel		647168	650000	652834	
				Frequency (MHz)		3707.52	3750	3792.51	
15	QPSK	1	1	24.31	24.36	24.37	25.1	0.0	
				Channel		647000	650000	653000	
				Frequency (MHz)		3705	3750	3795	
10	QPSK	1	1	24.31	24.27	24.35	25.1	0.0	

Part27Q n78 Ant4 Default								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334		3500.01		
Frequency (MHz)						24.49		
100	1/2 BPSK	1	1			24.49		
100	1/2 BPSK	1	137			24.32		25.1
100	1/2 BPSK	1	271			24.26		
100	1/2 BPSK	135	0			24.41		25.1
100	1/2 BPSK	135	69			24.32		25.1
100	1/2 BPSK	135	138			24.18		
100	1/2 BPSK	270	0			24.31		25.1
100	QPSK	1	1			24.55		
100	QPSK	1	137			24.19		25.1
100	QPSK	1	271			24.21		
100	QPSK	135	0			24.34		25.1
100	QPSK	135	69			24.47		25.1
100	QPSK	135	138			24.16		
100	QPSK	270	0			24.36		25.1
100	16QAM	1	1			24.41		25.1
100	64QAM	1	1			23.71		24.6
100	256QAM	1	1			21.87		22.6
Channel				633000	633334	633668	up	MPR
Frequency (MHz)				3498	3500.01	3505.02		
90	QPSK	1	1	24.45	24.48	24.43	25.1	0.0
Channel				632668	633334	634000	up	MPR
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.36	24.40	24.43	25.1	0.0
Channel				632334	633334	634334	up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.45	24.45	24.39	25.1	0.0
Channel				632000	633334	634668	up	MPR
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.35	24.44	24.43	25.1	0.0
Channel				631668	633334	635000	up	MPR
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.42	24.49	24.37	25.1	0.0
Channel				631334	633334	635334	up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.36	24.44	24.35	25.1	0.0
Channel				631000	633334	635668	up	MPR
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.35	24.49	24.39	25.1	0.0
Channel				630834	633334	635834	up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.42	24.41	24.37	25.1	0.0
Channel				630668	633334	636000	up	MPR
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.44	24.49	24.42	25.1	0.0
Channel				630500	633334	636168	up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.41	24.45	24.36	25.1	0.0
Channel				630334	633334	636334	up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.38	24.47	24.39	25.1	0.0

Part27Q n78 PC2 Ant4 Default								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334		3500.01		
Frequency (MHz)						25.88		
100	1/2 BPSK	1	1			25.88		
100	1/2 BPSK	1	137			25.89		27.2
100	1/2 BPSK	1	271			25.89		
100	1/2 BPSK	135	0			25.30		26.7
100	1/2 BPSK	135	69			25.72		27.2
100	1/2 BPSK	135	138			25.17		
100	1/2 BPSK	270	0			25.37		26.7
100	QPSK	1	1			25.95		
100	QPSK	1	137			25.93		27.2
100	QPSK	1	271			25.92		
100	QPSK	135	0			24.87		26.2
100	QPSK	135	69			25.88		27.2
100	QPSK	135	138			24.82		
100	QPSK	270	0			24.89		26.2
100	16QAM	1	1			24.72		26.2
100	64QAM	1	1			23.36		24.7
100	256QAM	1	1			21.37		22.7
Channel				633000	633334	633668	up	MPR
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.80	25.91	25.83	27.2	0.0
Channel				632668	633334	634000	up	MPR
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.90	25.89	25.90	27.2	0.0
Channel				632334	633334	634334	up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.86	25.82	25.85	27.2	0.0
Channel				632000	633334	634668	up	MPR
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.86	25.80	25.81	27.2	0.0
Channel				631668	633334	635000	up	MPR
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.80	25.82	25.83	27.2	0.0
Channel				631334	633334	635334	up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.82	25.85	25.90	27.2	0.0
Channel				631000	633334	635668	up	MPR
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.87	25.89	25.89	27.2	0.0
Channel				630834	633334	635834	up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.81	25.88	25.82	27.2	0.0
Channel				630668	633334	636000	up	MPR
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.84	25.81	25.80	27.2	0.0
Channel				630500	633334	636168	up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.85	25.91	25.81	27.2	0.0
Channel				630334	633334	636334	up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.86	25.82	25.81	27.2	0.0

n2 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	1/2 BPSK	1	1	21.80	21.77	21.68			
40	1/2 BPSK	1	108	21.72	21.79	21.73	23.3	0.0	
40	1/2 BPSK	1	214	21.78	21.77	21.71			
40	1/2 BPSK	108	0	21.26	21.29	21.28	22.8	0.5	
40	1/2 BPSK	108	54	21.75	21.74	21.68	23.3	0.0	
40	1/2 BPSK	108	108	21.25	21.29	21.22			
40	1/2 BPSK	216	0	21.25	21.30	21.29			
40	QPSK	1	1	21.79	21.83	21.78			
40	QPSK	1	108	21.74	21.82	21.76	23.3	0.0	
40	QPSK	1	214	21.70	21.81	21.76			
40	QPSK	108	0	20.80	20.83	20.83	22.3	1.0	
40	QPSK	108	54	21.73	21.80	21.69	23.3	0.0	
40	QPSK	108	108	20.81	20.79	20.83			
40	QPSK	216	0	20.77	20.85	20.79			
40	16QAM	1	1	20.84	20.81	20.82	22.3	1.0	
40	64QAM	1	1	19.32	19.35	19.29	20.8	2.5	
40	256QAM	1	1	17.28	17.35	17.25	18.8	4.5	
Channel				373500	376000	376500			
Frequency (MHz)				1887.5	1880	1892.5			
35	QPSK	1	1	21.87	21.71	21.66	23.3	0.0	
Channel				373000	376000	378000			
Frequency (MHz)				1895	1880	1895			
30	QPSK	1	1	21.76	21.75	21.69	23.3	0.0	
Channel				372500	376000	376500			
Frequency (MHz)				1892.5	1880	1897.5			
25	QPSK	1	1	21.69	21.80	21.74	23.3	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1900	1900	1900			
20	QPSK	1	1	21.68	21.73	21.73	23.3	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1897.5	1880	1902.5			
15	QPSK	1	1	21.74	21.72	21.68	23.3	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1895	1890	1905			
10	QPSK	1	1	21.71	21.75	21.69	23.3	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1892.5	1880	1907.5			
5	QPSK	1	1	21.69	21.79	21.73	23.3	0.0	

n7 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	24.01	24.18	24.08			
50	1/2 BPSK	1	138	24.13	24.09	24.01	25.1	0.0	
50	1/2 BPSK	1	268	24.03	24.15	23.95			
50	1/2 BPSK	135	0	23.59	23.67	23.64	24.6	0.5	
50	1/2 BPSK	135	68	24.02	24.15	24.02	25.1	0.0	
50	1/2 BPSK	135	138	23.72	23.64	23.56			
50	1/2 BPSK	270	0	23.59	23.64	23.63			
50	QPSK	1	1	24.16	24.19	24.04			
50	QPSK	1	138	24.03	24.13	24.02	25.1	0.0	
50	QPSK	1	268	24.07	24.11	24.13			
50	QPSK	135	0	23.14	23.14	23.08	24.1	1.0	
50	QPSK	135	68	24.05	24.15	24.10	25.1	0.0	
50	QPSK	135	138	23.10	23.09	23.07			
50	QPSK	270	0	23.17	23.25	23.13	24.1	1.0	
50	16QAM	1	1	23.12	23.20	23.10	24.1	1.0	
50	64QAM	1	1	21.64	21.67	21.60	22.6	2.5	
50	256QAM	1	1	19.70	19.81	19.64	20.6	4.5	
Channel				504500	507000	510500			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	24.08	24.14	23.90	25.1	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	24.04	24.05	23.95	25.1	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	24.00	24.05	23.96	25.1	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2412.5	2535	2557.5			
25	QPSK	1	1	24.03	24.10	23.90	25.1	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	24.09	24.14	23.90	25.1	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	24.03	24.07	23.90	25.1	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	24.04	24.04	23.96	25.1	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	24.10	24.14	23.89	25.1	0.0	

n25 Ant6 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	21.62	21.70	21.70			
40	1/2 BPSK	1	108	21.63	21.78	21.69	23.3	0.0	
40	1/2 BPSK	1	214	21.64	21.68	21.70			
40	1/2 BPSK	108	0	21.20	21.30	21.26	22.8	0.5	
40	1/2 BPSK	108	54	21.65	21.75	21.71	23.3	0.0	
40	1/2 BPSK	108	108	21.28	21.27	21.28			
40	1/2 BPSK	216	0	21.27	21.28	21.31	22.8	0.5	
40	QPSK	1	1	21.75	21.82	21.76			
40	QPSK	1	108	21.69	21.73	21.71	23.3	0.0	
40	QPSK	1	214	21.70	21.71	21.68			
40	QPSK	108	0	20.78	20.78	20.79	22.3	1.0	
40	QPSK	108	54	21.67	21.80	21.71	23.3	0.0	
40	QPSK	108	108	20.72	20.80	20.77			
40	QPSK	216	0	20.76	20.83	20.81	22.3	1.0	
40	16QAM	1	1	20.70	20.79	20.72	22.3	1.0	
40	64QAM	1	1	19.23	19.30	19.25	20.8	2.5	
40	256QAM	1	1	17.26	17.26	17.26	18.8	4.5	
Channel				373500	376500	379500			
Frequency (MHz)				1887.5	1882.5	1897.5			
35	QPSK	1	1	21.80	21.67	21.71	23.3	0.0	
Channel				373000	376500	380000			
Frequency (MHz)				1895	1882.5	1900			
30	QPSK	1	1	21.72	21.72	21.67	23.3	0.0	
Channel				372500	376500	380500			
Frequency (MHz)				1892.5	1882.5	1902.5			
25	QPSK	1	1	21.62	21.80	21.72	23.3	0.0	
Channel				372000	376500	381000			
Frequency (MHz)				1890	1882.5	1905			
20	QPSK	1	1	21.61	21.75	21.72	23.3	0.0	
Channel				371500	376500	381500			
Frequency (MHz)				1897.5	1882.5	1907.5			
15	QPSK	1	1	21.61	21.76	21.67	23.3	0.0	
Channel				371000	376500	382000			
Frequency (MHz)				1895	1882.5	1905			
10	QPSK	1	1	21.64	21.69	21.66	23.3	0.0	
Channel				370500	376500	382500			
Frequency (MHz)				1892.5	1882.5	1912.5			
5	QPSK	1	1	21.71	21.73	21.71	23.3	0.0	

n38 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				51600.02	51600.0	51699.98			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	24.34	24.32	24.22			
40	1/2 BPSK	1	53	24.20	24.33	24.22	25.4	0.0	
40	1/2 BPSK	1	104	24.24	24.31	24.23			
40	1/2 BPSK	50	0	23.91	23.92	23.88	24.9	0.5	
40	1/2 BPSK	50	28	24.45	24.51	24.35	25.4	0.0	
40	1/2 BPSK	50	56	23.79	23.96	23.81			
40	1/2 BPSK	100	0	23.96	24.11	23.95	24.9	0.5	
40	QPSK	1	1	24.52	24.54	24.49			
40	QPSK	1	53	24.38	24.49	24.46	25.4	0.0	
40	QPSK	1	104	24.41	24.47	24.41			
40	QPSK	50	0	23.51	23.53	23.58	24.4	1.0	
40	QPSK	50	28	24.51	24.53	24.38	25.4	0.0	
40	QPSK	50	56	23.37	23.35	23.39			
40	QPSK	100	0	23.50	23.51	23.42	24.4	1.0	
40	16QAM	1	1	23.52	23.64	23.48	24.4	1.0	
40	64QAM	1	1	22.01	22.18	22.02	22.9	2.5	
40	256QAM	1	1	19.89	20.07	20.05	20.9	4.5	
Channel				51700.2	51600.0	52099.98			
Frequency (MHz)				2595.01	2595	2604.98			
30	QPSK	1	1	23.96	24.06	23.98	25.4	0.0	
Channel				51650.4	51900.0	52149.6			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	23.98	24.10	24.02	25.4	0.0	
Channel				51600.0	51900.0	52200.0			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	24.04	24.08	24.07	25.4	0.0	
Channel				51550.2	51900.0	52249.8			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	24.02	24.03	24.02	25.4	0.0	
Channel				51500.4	51800.0	52299.6			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	24.02	24.13	24.00	25.4	0.0	

n41 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				50900.02	51859.8	52800.0			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	24.20	24.38	24.23			
100	1/2 BPSK	1	137	24.22	24.37	24.21	25.6	0.0	
100	1/2 BPSK	1	271	24.11	24.19	24.11			
100	1/2 BPSK	135	0	23.92	23.96	23.91	25.1	0.5	
100	1/2 BPSK	135	69	24.29	24.33	24.31	25.6	0.0	
100	1/2 BPSK	135	138	23.66	23.80	23.64			
100	1/2 BPSK	270	0	23.90	23.87	23.85	25.1	0.5	
100	QPSK	1	1	24.38	24.47	24.42			
100	QPSK	1	137	24.35	24.38	24.28	25.6	0.0	
100	QPSK	1	271	24.24	24.31	24.29			
100	QPSK	135	0	23.48	23.52	23.49	24.6	1.0	
100	QPSK	135	69	24.33	24.36	24.27	25.6	0.0	
100	QPSK	135	138	23.22	23.25	23.24			
100	QPSK	270	0	23.38	23.43	23.39	24.6	1.0	
100	16QAM	1	1	23.68	23.73	23.67	24.6	1.0	
100	64QAM	1	1	22.20	22.34	22.14	23.1	2.5	
100	256QAM	1	1	20.22	20.18	20.13	21.1	4.5	
Channel				52000.0	51859.8	52999.98			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	24.27	24.33	24.35	25.6	0.0	
Channel				50720.4	51859.8	52999.6			
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	24.28	24.43	24.37	25.6	0.0	
Channel				52000.0	51859.8	52999.98			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	24.21	24.43	24.32	25.6	0.0	
Channel				50520.0	51859.8	53199.6			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	24.21	24.40	24.27	25.6	0.0	
Channel				52000.0	51859.8	52999.98			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	24.22	24.39	24.32	25.6	0.0	
Channel				50370.0	51859.8	53349.6			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	24.30	24.31	24.28	25.6	0.0	
Channel				52000.0	51859.8	52999.98			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	24.22	24.42	24.30	25.6	0.0	
Channel				50270.4	51859.8	53449.6			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	24.31	24.34	24.28	25.6	0.0	
Channel				50220.0	51859.8	53399.6			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	24.27	24.34	24.29	25.6	0.0	
Channel				50170.2	51859.8	53350.0			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	24.22	24.40	24.32	25.6	0.0	
Channel				50120.4	51859.8	53399.6			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	24.20	24.41	24.28	25.6	0.0	
Channel				50070.0	51859.8	53649.6			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	24.23	24.35	24.37	25.6	0.0	
Channel				50020.2	51859.8	53700.0			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	24.31	24.34	24.33	25.6	0.0	

Part270 n77 Ant6 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (MHz)	Power Middle Ch. / Freq. (MHz)	Power High Ch. / Freq. (MHz)	Tune-up limit (dBm)	MPR (dB)	
Channel				65000.0	65600.0	66200.0			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	22.19	22.14	22.07			
100	1/2 BPSK	1	137	22.10	22.19	22.15	23.7	0.0	
100	1/2 BPSK	1	271	22.36	22.36	22.21			
100	1/2 BPSK	135	0	22.06	22.15	22.08	23.7	0.0	
100	1/2 BPSK	135	69	22.17	22.16	22.01	23.7	0.0	
100	1/2 BPSK	135	138	22.31	22.40	22.27			
100	1/2 BPSK	270	0	22.14	22.22	22.15	23.7	0.0	
100	QPSK	1	1	22.36	22.53	22.41			
100	QPSK	1	137	22.13	22.19	22.15	23.7	0.0	
100	QPSK	1	271	22.44	22.52	22.32			
100	QPSK	135	0	22.10	22.21	22.10	23.7	0.0	
100	QPSK	135	69	22.18	22.35	22.30	23.7	0.0	
100	QPSK	135	138	22.09	22.16	22.16			
100	QPSK	270	0	22.06	22.24	22.15	23.7	0.0	
100	16QAM	1	1	22.24	22.30	22.13	23.7	0.0	
100	64QAM	1	1	21.62	21.68	21.57	23.2	0.5	
100	256QAM	1	1	19.60	19.70	19.60	21.2	2.5	
Channel				64968.0	65600.0	66234.0			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.27	22.44	22.31	23.7	0.0	
Channel				64933.4	65600.0	66268.6			
Frequency (MHz)				3740.11	3840	3940.12			
80	QPSK	1	1	22.27	22.41	22.28	23.7	0.0	
Channel				64918.0	65600.0	66282.0			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.31	22.37	22.36	23.7	0.0	
Channel				64868.8	65600.0	66333.4			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	22.28	22.46	22.27	23.7	0.0	
Channel				64833.4	65600.0	66368.6			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	22.21	22.48	22.29	23.7	0.0	
Channel				64800.0	65600.0	66420.0			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	22.30	22.45	22.36	23.7	0.0	
Channel				64765.0	65600.0	66455.0			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	22.25	22.41	22.35	23.7	0.0	
Channel				64700.0	65600.0	66450.0			
Frequency (MHz)				3712.1	3840	3975.5			
25	QPSK	1	1	22.26	22.47	22.38	23.7	0.0	
Channel				64733.4	65600.0	66466.6			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.22	22.37	22.27	23.7	0.0	
Channel				64716.8	65600.0	66483.4			
Frequency (MHz)				3707.02	3840	3972.51			
15	QPSK	1	1	22.23	22.40	22.30	23.7	0.0	
Channel				64700.0	65600.0	66450.0			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.20	22.38	22.34	23.7	0.0	

Part27Q n77 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		22.27				
100	1/2 BPSK	1	137		22.17		23.7	0.0	
100	1/2 BPSK	1	271		22.19				
100	1/2 BPSK	135	0		22.20		23.7	0.0	
100	1/2 BPSK	135	69		22.20		23.7	0.0	
100	1/2 BPSK	135	138		22.23		23.7	0.0	
100	1/2 BPSK	270	0		22.22		23.7	0.0	
100	QPSK	1	1		22.36				
100	QPSK	1	137		22.16		23.7	0.0	
100	QPSK	1	271		22.35				
100	QPSK	135	0		22.22		23.7	0.0	
100	QPSK	135	69		22.25		23.7	0.0	
100	QPSK	135	138		22.23		23.7	0.0	
100	QPSK	270	0		22.12		23.7	0.0	
100	16QAM	1	1		21.78		23.7	0.0	
100	64QAM	1	1		21.78		23.2	0.5	
100	256QAM	1	1		19.34		21.2	2.5	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	22.25	22.29	22.31	23.7	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	22.30	22.20	22.21	23.7	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	22.22	22.26	22.22	23.7	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	22.32	22.29	22.29	23.7	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	22.20	22.26	22.25	23.7	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	22.26	22.30	22.29	23.7	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	22.28	22.26	22.22	23.7	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	22.27	22.29	22.27	23.7	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	22.26	22.27	22.29	23.7	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	22.21	22.32	22.31	23.7	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	22.26	22.21	22.26	23.7	0.0	

Part27Q n77 PC2 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		23.96				
100	1/2 BPSK	1	137		24.00		25.7	0.0	
100	1/2 BPSK	1	271		23.99				
100	1/2 BPSK	135	0		23.55		25.2	0.5	
100	1/2 BPSK	135	69		23.93		25.7	0.0	
100	1/2 BPSK	135	138		23.43		25.2	0.5	
100	1/2 BPSK	270	0		23.50				
100	QPSK	1	1		24.01				
100	QPSK	1	137		23.88		25.7	0.0	
100	QPSK	1	271		23.96				
100	QPSK	135	0		22.75		24.7	1.0	
100	QPSK	135	69		23.95		25.7	0.0	
100	QPSK	135	138		22.93		24.7	1.0	
100	QPSK	270	0		23.13		24.7	1.0	
100	16QAM	1	1		22.79		24.7	1.0	
100	64QAM	1	1		21.26		23.2	2.5	
100	256QAM	1	1		19.21		21.2	4.5	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	23.95	23.95	23.87	25.7	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	23.89	23.87	23.91	25.7	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	23.86	23.89	23.87	25.7	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	23.88	23.94	23.90	25.7	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	23.93	23.88	23.95	25.7	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	23.89	23.85	23.90	25.7	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	23.91	23.91	23.88	25.7	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	23.92	23.92	23.85	25.7	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	23.89	23.89	23.93	25.7	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	23.93	23.88	23.86	25.7	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	23.85	23.95	23.93	25.7	0.0	

Part270 n78 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750					
100	1/2 BPSK	1	1		22.41				
100	1/2 BPSK	1	137		22.47		23.7	0.0	
100	1/2 BPSK	1	271		22.40				
100	1/2 BPSK	135	0		22.35		23.7	0.0	
100	1/2 BPSK	135	69		22.33		23.7	0.0	
100	1/2 BPSK	135	138		22.39		23.7	0.0	
100	1/2 BPSK	270	0		22.41		23.7	0.0	
100	QPSK	1	1		22.48				
100	QPSK	1	137		22.36		23.7	0.0	
100	QPSK	1	271		22.46				
100	QPSK	135	0		22.39		23.7	0.0	
100	QPSK	135	69		22.42		23.7	0.0	
100	QPSK	135	138		22.36		23.7	0.0	
100	QPSK	270	0		22.32		23.7	0.0	
100	16QAM	1	1		22.37		23.7	0.0	
100	64QAM	1	1		21.86		23.2	0.5	
100	256QAM	1	1		19.92		21.2	2.5	
Channel				648668	650000	650334	MPR		
Frequency (MHz)				3745.02	3750	3755.01	up		
90	QPSK	1	1	22.30	22.38	22.32	23.7	0.0	
Channel				649334	650000	650668	MPR		
Frequency (MHz)				3740.01	3750	3760.02	up		
80	QPSK	1	1	22.22	22.32	22.18	23.7	0.0	
Channel				649000	650000	651000	MPR		
Frequency (MHz)				3735	3750	3765	up		
70	QPSK	1	1	22.23	22.36	22.26	23.7	0.0	
Channel				648668	650000	651334	MPR		
Frequency (MHz)				3730.02	3750	3770.01	up		
60	QPSK	1	1	22.28	22.26	22.30	23.7	0.0	
Channel				648334	650000	651668	MPR		
Frequency (MHz)				3725.01	3750	3775.02	up		
50	QPSK	1	1	22.19	22.35	22.22	23.7	0.0	
Channel				648000	650000	652000	MPR		
Frequency (MHz)				3720	3750	3780	up		
40	QPSK	1	1	22.25	22.31	22.26	23.7	0.0	
Channel				647668	650000	652334	MPR		
Frequency (MHz)				3715.02	3750	3785.01	up		
30	QPSK	1	1	22.19	22.31	22.25	23.7	0.0	
Channel				647500	650000	652500	MPR		
Frequency (MHz)				3712.5	3750	3787.5	up		
25	QPSK	1	1	22.27	22.36	22.20	23.7	0.0	
Channel				647334	650000	652668	MPR		
Frequency (MHz)				3710.01	3750	3790.02	up		
20	QPSK	1	1	22.23	22.27	22.28	23.7	0.0	
Channel				647168	650000	652834	MPR		
Frequency (MHz)				3707.52	3750	3792.51	up		
15	QPSK	1	1	22.27	22.39	22.28	23.7	0.0	
Channel				647000	650000	653000	MPR		
Frequency (MHz)				3705	3750	3795	up		
10	QPSK	1	1	22.28	22.26	22.26	23.7	0.0	

Part27Q n78 Ant6 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune- up limit [dBm]	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)									
100	1/2 BPSK	1	1		22.17				
100	1/2 BPSK	1	137		22.10		23.7	0.0	
100	1/2 BPSK	1	271		22.15				
100	1/2 BPSK	135	0		22.12		23.7	0.0	
100	1/2 BPSK	135	69		22.02		23.7	0.0	
100	1/2 BPSK	135	138		22.08				
100	1/2 BPSK	270	0		22.14		23.7	0.0	
100	QPSK	1	1		22.23				
100	QPSK	1	137		21.98		23.7	0.0	
100	QPSK	1	271		22.10				
100	QPSK	135	0		22.10		23.7	0.0	
100	QPSK	135	69		22.20		23.7	0.0	
100	QPSK	135	138		22.10				
100	QPSK	270	0		22.10		23.7	0.0	
100	16QAM	1	1		21.77		23.7	0.0	
100	64QAM	1	1		21.27		23.2	0.5	
100	256QAM	1	1		19.32		21.2	2.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	22.19	22.09	22.18	23.7	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	22.11	22.07	22.15	23.7	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	22.11	22.10	22.08	23.7	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	22.16	22.14	22.15	23.7	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	22.18	22.13	22.09	23.7	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	22.10	22.18	22.18	23.7	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	22.11	22.12	22.13	23.7	0.0	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	22.10	22.15	22.12	23.7	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	22.12	22.13	22.12	23.7	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	22.13	22.09	22.15	23.7	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	22.18	22.14	22.09	23.7	0.0	

Part27Q n78 PC2 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)									
100	1/2 BPSK	1	1		23.87				
100	1/2 BPSK	1	137		23.88		25.5	0.0	
100	1/2 BPSK	1	271		23.98				
100	1/2 BPSK	135	0		23.06		25.0	0.5	
100	1/2 BPSK	135	69		23.54		25.5	0.0	
100	1/2 BPSK	135	138		23.36		25.0	0.5	
100	1/2 BPSK	270	0		23.46				
100	QPSK	1	1		24.20				
100	QPSK	1	137		23.76		25.5	0.0	
100	QPSK	1	271		24.05				
100	QPSK	135	0		22.71		24.5	1.0	
100	QPSK	135	69		24.09		25.5	0.0	
100	QPSK	135	138		22.89		24.5	1.0	
100	QPSK	270	0		23.17				
100	16QAM	1	1		22.71		24.5	1.0	
100	64QAM	1	1		21.44		23.0	2.5	
100	256QAM	1	1		19.49		21.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	24.12	24.14	24.05	25.5	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	24.04	24.14	24.05	25.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	24.07	24.11	24.06	25.5	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	24.10	24.06	24.08	25.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	24.09	24.12	24.04	25.5	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	24.07	24.11	24.04	25.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	24.09	24.16	24.12	25.5	0.0	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	24.11	24.05	24.06	25.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	24.15	24.16	24.11	25.5	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	24.12	24.08	24.11	25.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	24.10	24.15	24.10	25.5	0.0	

n2 Ant7 Default										
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				374000	376000	378000				
Frequency (MHz)				1870	1880	1890				
40	1/2 BPSK	1	1	19.80	19.94	19.81				
40	1/2 BPSK	1	108	19.77	19.92	19.82	21.3	0.0		
40	1/2 BPSK	1	214	19.85	19.89	19.83				
40	1/2 BPSK	108	0	19.34	19.50	19.45	20.8	0.5		
40	1/2 BPSK	108	54	19.86	19.86	19.89	21.3	0.0		
40	1/2 BPSK	108	108	19.41	19.45	19.40				
40	1/2 BPSK	216	0	19.42	19.47	19.43				
40	QPSK	1	1	19.89	19.97	19.94				
40	QPSK	1	108	19.76	19.87	19.83	21.3	0.0		
40	QPSK	1	214	19.82	19.87	19.91				
40	QPSK	108	0	18.95	18.96	18.94	20.3	1.0		
40	QPSK	108	54	19.96	19.93	19.96	21.3	0.0		
40	QPSK	108	108	18.92	18.95	18.91				
40	QPSK	216	0	18.89	18.99	18.93	20.3	1.0		
40	16QAM	1	1	18.95	18.96	18.90	20.3	1.0		
40	64QAM	1	1	17.41	17.42	17.44	18.8	2.5		
40	256QAM	1	1	15.39	15.52	15.47	16.8	4.5		
Channel				373500	376000	378500				
Frequency (MHz)				1887.5	1880	1892.5				
35	QPSK	1	1	19.82	19.84	19.86	21.3	0.0		
Channel				373000	376000	379000				
Frequency (MHz)				1865	1880	1895				
30	QPSK	1	1	19.76	19.89	19.89	21.3	0.0		
Channel				372500	376000	379500				
Frequency (MHz)				1862.5	1880	1897.5				
25	QPSK	1	1	19.87	19.86	19.80	21.3	0.0		
Channel				372000	376000	380000				
Frequency (MHz)				1850	1850	1900				
20	QPSK	1	1	19.75	19.85	19.90	21.3	0.0		
Channel				371500	376000	380500				
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	1	19.77	19.91	19.91	21.3	0.0		
Channel				371000	376000	381000				
Frequency (MHz)				1855	1850	1905				
10	QPSK	1	1	19.82	19.87	19.87	21.3	0.0		
Channel				370500	376000	381500				
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	1	19.87	19.85	19.91	21.3	0.0		

n7 Ant7 Default										
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				505000	507000	509000				
Frequency (MHz)				2525	2535	2545				
50	1/2 BPSK	1	1	21.38	21.51	21.33				
50	1/2 BPSK	1	135	21.39	21.50	21.39	23.0	0.0		
50	1/2 BPSK	1	268	21.44	21.43	21.44				
50	1/2 BPSK	135	0	20.97	20.99	20.93	22.5	0.5		
50	1/2 BPSK	135	68	21.44	21.46	21.35	23.0	0.0		
50	1/2 BPSK	135	135	21.01	21.11	20.98				
50	1/2 BPSK	270	0	20.96	21.03	20.99	22.5	0.5		
50	QPSK	1	1	21.49	21.55	21.47				
50	QPSK	1	135	21.46	21.50	21.40	23.0	0.0		
50	QPSK	1	268	21.42	21.45	21.42				
50	QPSK	135	0	20.48	20.50	20.46	22.0	1.0		
50	QPSK	135	68	21.39	21.53	21.45	23.0	0.0		
50	QPSK	135	135	20.50	20.55	20.49				
50	QPSK	270	0	20.51	20.57	20.47	22.0	1.0		
50	16QAM	1	1	20.53	20.52	20.47	22.0	1.0		
50	64QAM	1	1	19.02	19.06	18.96	20.5	2.5		
50	256QAM	1	1	17.04	17.07	16.92	18.5	4.5		
Channel				504000	507000	510000				
Frequency (MHz)				2520	2535	2550				
40	QPSK	1	1	21.44	21.47	21.34	23.0	0.0		
Channel				503500	507000	510500				
Frequency (MHz)				2517.5	2535	2552.5				
35	QPSK	1	1	21.45	21.44	21.41	23.0	0.0		
Channel				503000	507000	511000				
Frequency (MHz)				2515	2535	2555				
30	QPSK	1	1	21.47	21.52	21.34	23.0	0.0		
Channel				502500	507000	511500				
Frequency (MHz)				2512.5	2535	2557.5				
25	QPSK	1	1	21.40	21.51	21.35	23.0	0.0		
Channel				502000	507000	512000				
Frequency (MHz)				2510	2535	2560				
20	1/2 BPSK	1	1	21.37	21.44	21.37	23.0	0.0		
Channel				501500	507000	512500				
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	1	21.40	21.45	21.30	23.0	0.0		
Channel				501000	507000	513000				
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	1	21.38	21.52	21.35	23.0	0.0		
Channel				500500	507000	513500				
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	1	21.39	21.46	21.34	23.0	0.0		

n25 Ant7 Default										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				374000	376500	379000				
Frequency (MHz)				1870	1882.5	1895				
40	1/2 BPSK	1	1	19.86	19.91	19.85				
40	1/2 BPSK	1	108	19.79	19.90	19.78	21.3	0.0	0.0	
40	1/2 BPSK	1	214	19.77	19.89	19.85				
40	1/2 BPSK	108	0	19.33	19.46	19.46	20.8	0.5	0.5	
40	1/2 BPSK	108	54	19.78	19.85	19.86	21.3	0.0	0.0	
40	1/2 BPSK	108	108	19.44	19.43	19.42				
40	1/2 BPSK	216	0	19.36	19.46	19.43	20.8	0.5	0.5	
40	QPSK	1	1	19.89	19.94	19.91				
40	QPSK	1	108	19.81	19.80	19.82	21.3	0.0	0.0	
40	QPSK	1	214	19.82	19.82	19.88				
40	QPSK	108	0	18.90	18.93	18.92	20.3	1.0	1.0	
40	QPSK	108	54	19.77	19.91	19.88	21.3	0.0	0.0	
40	QPSK	108	108	18.87	18.89	18.88				
40	QPSK	216	0	18.80	18.99	18.89	20.3	1.0	1.0	
40	16QAM	1	1	18.88	18.93	18.93	20.3	1.0	1.0	
40	64QAM	1	1	17.43	17.48	17.46	18.8	2.5	2.5	
40	256QAM	1	1	15.43	15.59	15.41	16.8	4.5	4.5	
Channel				373500	376500	379500				
Frequency (MHz)				1867.5	1882.5	1897.5				
35	QPSK	1	1	19.78	19.81	19.77	21.3	0.0	0.0	
Channel				373000	376500	380000				
Frequency (MHz)				1865	1882.5	1900				
30	QPSK	1	1	19.77	19.90	19.88	21.3	0.0	0.0	
Channel				372500	376500	380500				
Frequency (MHz)				1862.5	1882.5	1902.5				
25	QPSK	1	1	19.76	19.91	19.87	21.3	0.0	0.0	
Channel				372000	376500	381000				
Frequency (MHz)				1860	1882.5	1905				
20	QPSK	1	1	19.68	19.84	19.80	21.3	0.0	0.0	
Channel				371500	376500	381500				
Frequency (MHz)				1857.5	1882.5	1907.5				
15	QPSK	1	1	19.80	19.83	19.83	21.3	0.0	0.0	
Channel				371000	376500	382000				
Frequency (MHz)				1855	1882.5	1910				
10	QPSK	1	1	19.80	19.86	19.86	21.3	0.0	0.0	
Channel				370500	376500	382500				
Frequency (MHz)				1852.5	1882.5	1912.5				
5	QPSK	1	1	19.86	19.88	19.88	21.3	0.0	0.0	

n38 Ant7 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	21.91	21.96	21.87		23.2	0.0
40	1/2 BPSK	1	53	21.62	21.72	21.58			
40	1/2 BPSK	1	104	21.77	21.76	21.69			
40	1/2 BPSK	50	0	21.29	21.33	21.25		22.7	0.5
40	1/2 BPSK	50	28	21.82	21.94	21.93		23.2	0.0
40	1/2 BPSK	50	56	21.21	21.27	21.24			
40	1/2 BPSK	100	0	21.37	21.45	21.39		22.7	0.5
40	QPSK	1	1	21.88	22.01	21.96			
40	QPSK	1	53	21.71	21.66	21.68		23.2	0.0
40	QPSK	1	104	21.72	21.72	21.70			
40	QPSK	50	0	20.75	20.84	20.78		22.2	1.0
40	QPSK	50	28	21.86	21.89	21.80		23.2	0.0
40	QPSK	50	56	20.72	20.75	20.74			
40	QPSK	100	0	20.87	20.97	20.90		22.2	1.0
40	16QAM	1	1	20.93	20.87	20.86		22.2	1.0
40	64QAM	1	1	19.47	19.55	19.46		20.7	2.5
40	256QAM	1	1	17.43	17.57	17.50		18.7	4.5
Channel				517002	519000	520998	tune-up limit	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	21.72	21.81	21.71		23.2	0.0
Channel				516504	519000	521496	tune-up limit	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	21.74	21.76	21.73		23.2	0.0
Channel				516000	519000	522000	tune-up limit	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	21.75	21.82	21.72		23.2	0.0
Channel				515502	519000	522498	tune-up limit	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	21.68	21.75	21.69		23.2	0.0
Channel				515004	519000	522996	tune-up limit	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	21.66	21.72	21.73		23.2	0.0

n41 Ant7 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	22.07	22.09	21.99		23.5	0.0
100	1/2 BPSK	1	137	22.07	22.11	22.12			
100	1/2 BPSK	1	271	22.11	22.09	22.03			
100	1/2 BPSK	135	0	21.61	21.65	21.58		23.0	0.5
100	1/2 BPSK	135	69	22.16	22.10	22.10		23.5	0.0
100	1/2 BPSK	135	138	21.73	21.66	21.52			
100	1/2 BPSK	270	0	21.62	21.59	21.63		23.0	0.5
100	QPSK	1	1	22.17	22.25	22.11			
100	QPSK	1	137	22.02	22.21	22.02		23.5	0.0
100	QPSK	1	271	22.09	22.20	22.09			
100	QPSK	135	0	21.11	21.15	21.14		22.5	1.0
100	QPSK	135	69	22.12	22.15	21.98		23.5	0.0
100	QPSK	135	138	21.13	21.17	21.11			
100	QPSK	270	0	21.14	21.25	21.02		22.5	1.0
100	16QAM	1	1	21.05	21.18	21.13		22.5	1.0
100	64QAM	1	1	19.61	19.71	19.52		21.0	2.5
100	256QAM	1	1	17.65	17.69	17.65		19.0	4.5
Channel				508200	518598	528996	tune-up limit	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	21.93	22.00	21.85		23.5	0.0
Channel				507204	518598	529998	tune-up limit	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	21.88	21.96	21.93		23.5	0.0
Channel				506202	518598	531000	tune-up limit	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2635			
70	QPSK	1	1	21.85	21.99	21.91		23.5	0.0
Channel				505200	518598	531996	tune-up limit	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	21.88	22.02	21.87		23.5	0.0
Channel				504204	518598	532998	tune-up limit	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	21.88	21.93	21.94		23.5	0.0
Channel				503700	518598	533496	tune-up limit	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	21.88	21.91	21.90		23.5	0.0
Channel				503202	518598	534000	tune-up limit	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	21.91	21.92	21.84		23.5	0.0
Channel				502704	518598	534498	tune-up limit	MPR (dB)	
Frequency (MHz)				2513.52	2592.99	2672.40			
35	QPSK	1	1	21.86	21.91	21.85		23.5	0.0
Channel				502200	518598	534996	tune-up limit	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.88			
30	QPSK	1	1	21.89	21.98	21.90		23.5	0.0
Channel				501702	518598	535500	tune-up limit	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	21.94	21.88	21.81		23.5	0.0
Channel				501204	518598	535998	tune-up limit	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	21.95	21.99	21.93		23.5	0.0
Channel				500700	518598	536496	tune-up limit	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	21.93	22.03	21.89		23.5	0.0
Channel				500202	518598	537000	tune-up limit	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	21.87	22.00	21.88		23.5	0.0

n48 Ant10 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				638000	641666	646332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	23.31	23.44	23.31			
40	1/2 BPSK	1	53	23.34	23.39	23.30	25.0	0.0	
40	1/2 BPSK	1	104	23.30	23.42	23.40			
40	1/2 BPSK	50	0	22.64	22.75	22.64	24.5	0.5	
40	1/2 BPSK	50	28	23.35	23.43	23.38	25.0	0.0	
40	1/2 BPSK	50	56	22.57	22.63	22.56			
40	1/2 BPSK	100	0	22.67	22.76	22.66	24.5	0.5	
40	QPSK	1	1	23.39	23.48	23.45			
40	QPSK	1	53	23.36	23.43	23.36	25.0	0.0	
40	QPSK	1	104	23.36	23.39	23.30			
40	QPSK	50	0	22.43	22.46	22.29	24.0	1.0	
40	QPSK	50	28	23.34	23.45	23.36	25.0	0.0	
40	QPSK	50	56	22.36	22.42	22.31			
40	QPSK	100	0	22.39	22.49	22.39	24.0	1.0	
40	16QAM	1	1	22.26	22.35	22.23	24.0	1.0	
40	64QAM	1	1	20.51	20.63	20.56	22.5	2.5	
40	256QAM	1	1	18.65	18.72	18.65	20.5	4.5	
Channel				637663	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	23.28	23.35	23.40	25.0	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	23.32	23.37	23.40	25.0	0.0	
Channel				637163	641666	646163			
Frequency (MHz)				3557.52	3624.99	3692.49			
15	QPSK	1	1	23.29	23.35	23.38	25.0	0.0	
Channel				637000	641666	646332			
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	23.33	23.40	23.41	25.0	0.0	

Part270 n77 Ant10 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	25.49	25.63	25.48			
100	1/2 BPSK	1	137	25.51	25.66	25.51	26.0	0.0	
100	1/2 BPSK	1	271	25.37	25.57	25.50			
100	1/2 BPSK	135	0	25.50	25.56	25.42	26.0	0.0	
100	1/2 BPSK	135	69	25.34	25.40	25.53	26.0	0.0	
100	1/2 BPSK	135	138	25.44	25.57	25.62			
100	1/2 BPSK	270	0	25.53	25.58	25.52	26.0	0.0	
100	QPSK	1	1	25.66	25.76	25.71			
100	QPSK	1	137	25.48	25.61	25.46	26.0	0.0	
100	QPSK	1	271	25.45	25.53	25.46			
100	QPSK	135	0	25.47	25.53	25.40	26.0	0.0	
100	QPSK	135	69	25.56	25.67	25.61	26.0	0.0	
100	QPSK	135	138	25.49	25.63	25.58			
100	QPSK	270	0	25.40	25.56	25.50	26.0	0.0	
100	16QAM	1	1	25.62	25.71	25.46	26.0	0.0	
100	64QAM	1	1	25.03	25.21	25.08	25.5	0.5	
100	256QAM	1	1	23.01	23.14	23.12	23.5	2.5	
Channel				648668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	25.54	25.64	25.63	26.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	25.61	25.71	25.65	26.0	0.0	
Channel				649200	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	25.53	25.64	25.61	26.0	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	25.58	25.63	25.59	26.0	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	25.57	25.72	25.57	26.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	25.51	25.68	25.55	26.0	0.0	
Channel				647668	656000	663968			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	25.59	25.67	25.64	26.0	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	25.52	25.66	25.58	26.0	0.0	
Channel				647334	656000	663968			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	25.54	25.69	25.58	26.0	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	25.50	25.66	25.60	26.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	25.58	25.64	25.59	26.0	0.0	

Part270 n77 PC2 Ant10 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. Ch.	Power Middle Ch. / Freq. Ch.	Power High Ch. / Freq. Ch.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	27.32	27.71	27.56			
100	1/2 BPSK	1	137	27.27	27.55	27.56	29.0	0.0	
100	1/2 BPSK	1	271	27.42	27.68	27.56			
100	1/2 BPSK	135	0	26.93	27.20	27.11	28.5	0.5	
100	1/2 BPSK	135	69	27.34	27.63	27.59	29.0	0.0	
100	1/2 BPSK	135	138	26.99	27.21	27.12	28.5	0.5	
100	1/2 BPSK	270	0	26.90	27.22	27.21			
100	QPSK	1	1	27.44	27.72	27.64			
100	QPSK	1	137	27.34	27.62	27.55	29.0	0.0	
100	QPSK	1	271	27.42	27.57	27.55			
100	QPSK	135	0	26.48	26.69	26.58	28.0	1.0	
100	QPSK	135	69	27.37	27.65	27.56	29.0	0.0	
100	QPSK	135	138	26.40	26.74	26.63			
100	QPSK	270	0	26.38	26.66	26.60	28.0	1.0	
100	16QAM	1	1	26.47	26.70	26.58	28.0	1.0	
100	64QAM	1	1	24.91	25.20	25.13	26.5	2.5	
100	256QAM	1	1	23.24	23.18	23.19	24.5	4.5	
Channel				648668	656000	663334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	27.38	27.61	27.49	29.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	27.32	27.58	27.57	29.0	0.0	
Channel				649200	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	27.28	27.56	27.60	29.0	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	27.37	27.68	27.54	29.0	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	27.34	27.62	27.57	29.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3730	3840	3960			
40	QPSK	1	1	27.33	27.60	27.56	29.0	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	27.36	27.61	27.52	29.0	0.0	
Channel				647000	656000	664500			
Frequency (MHz)				3712.5	3840	397.5			
25	QPSK	1	1	27.30	27.66	27.56	29.0	0.0	
Channel				647334	656000	664268			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	27.33	27.62	27.48	29.0	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	27.32	27.69	27.59	29.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	27.31	27.65	27.58	29.0	0.0	

Part27Q n77 PC2 Ant10 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				63333.01					
100	1/2 BPSK	1	1		27.53				
100	1/2 BPSK	1	137		27.54		29.0	0.0	
100	1/2 BPSK	1	271		27.50				
100	1/2 BPSK	135	0		27.19		28.5	0.5	
100	1/2 BPSK	135	69		27.59		29.0	0.0	
100	1/2 BPSK	135	138		27.19		28.5	0.5	
100	1/2 BPSK	270	0		27.12				
100	QPSK	1	1		27.60				
100	QPSK	1	137		27.54		29.0	0.0	
100	QPSK	1	271		27.51				
100	QPSK	135	0		26.67		28.0	1.0	
100	QPSK	135	69		27.54		29.0	0.0	
100	QPSK	135	138		26.68		28.0	1.0	
100	QPSK	270	0		26.62				
100	16QAM	1	1		26.54		28.0	1.0	
100	64QAM	1	1		25.12		26.5	2.5	
100	256QAM	1	1		23.09		24.5	4.5	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	27.53	27.54	27.51	29.0	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	27.54	27.52	27.46	29.0	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	27.47	27.47	27.45	29.0	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	27.48	27.56	27.54	29.0	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	27.50	27.51	27.46	29.0	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	27.48	27.53	27.53	28.0	0.0	
Channel				631000	633334	636000	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	27.56	27.46	27.50	29.0	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	27.47	27.55	27.55	29.0	0.0	
Channel				630500	633334	636200	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	27.56	27.52	27.52	29.0	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	27.47	27.52	27.55	29.0	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	27.55	27.44	27.47	29.0	0.0	

Part27O n78 Ant10 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				650000					
100	1/2 BPSK	1	1		25.55				
100	1/2 BPSK	1	137		25.52		26.0	0.0	
100	1/2 BPSK	1	271		25.46				
100	1/2 BPSK	135	0		25.49		26.0	0.0	
100	1/2 BPSK	135	69		25.41		26.0	0.0	
100	1/2 BPSK	135	138		25.53				
100	1/2 BPSK	270	0		25.47		26.0	0.0	
100	QPSK	1	1		25.56				
100	QPSK	1	137		25.42		26.0	0.0	
100	QPSK	1	271		25.28				
100	QPSK	135	0		25.23		26.0	0.0	
100	QPSK	135	69		25.45		26.0	0.0	
100	QPSK	135	138		25.41				
100	QPSK	270	0		25.38		26.0	0.0	
100	16QAM	1	1		25.51		26.0	0.0	
100	64QAM	1	1		24.91		25.5	0.5	
100	256QAM	1	1		23.01		23.5	2.5	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	25.44	25.44	25.40	26.0	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	25.45	25.43	25.46	26.0	0.0	
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	25.45	25.50	25.52	26.0	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	25.48	25.41	25.47	26.0	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	25.41	25.41	25.45	26.0	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	25.45	25.42	25.47	26.0	0.0	
Channel				647668	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	25.48	25.49	25.48	26.0	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	25.43	25.44	25.43	26.0	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	25.51	25.42	25.41	26.0	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	25.49	25.46	25.52	26.0	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1	25.43	25.51	25.50	26.0	0.0	

Part27O n78 PC2 Ant10 Default									
BW MHz	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				3760					
100	1/2 BPSK	1	1		27.41				
100	1/2 BPSK	1	137		27.49		29.0	0.0	
100	1/2 BPSK	1	271		27.42				
100	1/2 BPSK	135	0		27.09		28.5	0.5	
100	1/2 BPSK	135	69		27.51		29.0	0.0	
100	1/2 BPSK	135	138		27.13		28.5	0.5	
100	1/2 BPSK	270	0		27.04				
100	QPSK	1	1		27.53				
100	QPSK	1	137		27.49		29.0	0.0	
100	QPSK	1	271		27.38				
100	QPSK	135	0		26.52		28.0	1.0	
100	QPSK	135	69		27.42		29.0	0.0	
100	QPSK	135	138		26.53				
100	QPSK	270	0		26.58		28.0	1.0	
100	16QAM	1	1		26.41		28.0	1.0	
100	64QAM	1	1		25.03		26.5	2.5	
100	256QAM	1	1		23.00		24.5	4.5	
Channel				648668	650000	650334	MPR		
Frequency (MHz)				3745.02	3750	3755.01	up		
90	QPSK	1	1	27.45	27.38	27.47	29.0	0.0	
Channel				649334	650000	650668	MPR		
Frequency (MHz)				3740.01	3750	3760.02	up		
80	QPSK	1	1	27.46	27.39	27.49	29.0	0.0	
Channel				649000	650000	651000	MPR		
Frequency (MHz)				3735	3750	3765	up		
70	QPSK	1	1	27.38	27.44	27.41	29.0	0.0	
Channel				648668	650000	651334	MPR		
Frequency (MHz)				3730.02	3750	3770.01	up		
60	QPSK	1	1	27.48	27.44	27.39	29.0	0.0	
Channel				648334	650000	651668	MPR		
Frequency (MHz)				3725.01	3750	3775.02	up		
50	QPSK	1	1	27.39	27.39	27.37	29.0	0.0	
Channel				648000	650000	652000	MPR		
Frequency (MHz)				3720	3750	3760	up		
40	QPSK	1	1	27.48	27.42	27.47	29.0	0.0	
Channel				647658	650000	652334	MPR		
Frequency (MHz)				3715.02	3750	3785.01	up		
30	QPSK	1	1	27.42	27.48	27.39	29.0	0.0	
Channel				647500	650000	652500	MPR		
Frequency (MHz)				3712.5	3750	3787.5	up		
25	QPSK	1	1	27.44	27.39	27.48	29.0	0.0	
Channel				647334	650000	652668	MPR		
Frequency (MHz)				3710.01	3750	3790.02	up		
20	QPSK	1	1	27.42	27.40	27.47	29.0	0.0	
Channel				647168	650000	652834	MPR		
Frequency (MHz)				3707.52	3750	3792.51	up		
15	QPSK	1	1	27.48	27.47	27.40	29.0	0.0	
Channel				647000	650000	653000	MPR		
Frequency (MHz)				3705	3750	3795	up		
10	QPSK	1	1	27.42	27.39	27.46	29.0	0.0	

Part27Q n78 PC2 Ant10 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune up limit (dBm)	MPR (dB)	
			Channel		633334				
			Frequency (MHz)		3500.01				
100	1/2 BPSK	1	1		27.29				
100	1/2 BPSK	1	137		27.38		29.0	0.0	
100	1/2 BPSK	1	271		27.33				
100	1/2 BPSK	135	0		27.01		28.5	0.5	
100	1/2 BPSK	135	69		27.38		29.0	0.0	
100	1/2 BPSK	135	138		27.04		28.5	0.5	
100	1/2 BPSK	270	0		26.94				
100	QPSK	1	1		27.47				
100	QPSK	1	137		27.45		29.0	0.0	
100	QPSK	1	271		27.30				
100	QPSK	135	0		26.37		28.0	1.0	
100	QPSK	135	69		27.31		29.0	0.0	
100	QPSK	135	138		26.43		28.0	1.0	
100	QPSK	270	0		26.51				
100	16QAM	1	1		26.34		28.0	1.0	
100	64QAM	1	1		24.96		26.5	2.5	
100	256QAM	1	1		24.53		24.5	4.5	
			Channel	633000	633334	633668			
			Frequency (MHz)	3486	3500.01	3505.02			
90	QPSK	1	1	27.40	27.34	27.37	29.0	0.0	
			Channel	632668	633334	634000			
			Frequency (MHz)	3490.02	3500.01	3510			
80	QPSK	1	1	27.32	27.40	27.36	29.0	0.0	
			Channel	632314	633334	634334			
			Frequency (MHz)	3485.01	3500.01	3515.01			
70	QPSK	1	1	27.32	27.43	27.36	29.0	0.0	
			Channel	632000	633334	634668			
			Frequency (MHz)	3480	3500.01	3520.02			
60	QPSK	1	1	27.33	27.42	27.33	29.0	0.0	
			Channel	631668	633334	635000			
			Frequency (MHz)	3475.02	3500.01	3525			
50	QPSK	1	1	27.40	27.36	27.41	29.0	0.0	
			Channel	631334	633334	635334			
			Frequency (MHz)	3470.01	3500.01	3530.01			
40	QPSK	1	1	27.42	27.37	27.42	29.0	0.0	
			Channel	631000	633334	635668			
			Frequency (MHz)	3465	3500.01	3535.02			
30	QPSK	1	1	27.37	27.41	27.40	29.0	0.0	
			Channel	630834	633334	635834			
			Frequency (MHz)	3462.51	3500.01	3537.51			
25	QPSK	1	1	27.38	27.37	27.37	29.0	0.0	
			Channel	630568	633334	636000			
			Frequency (MHz)	3460.02	3500.01	3540			
20	QPSK	1	1	27.32	27.40	27.35	29.0	0.0	
			Channel	630500	633334	636168			
			Frequency (MHz)	3457.5	3500.01	3542.52			
15	QPSK	1	1	27.37	27.43	27.32	29.0	0.0	
			Channel	630384	633334	636342			
			Frequency (MHz)	3455.01	3500.01	3545.01			
10	QPSK	1	1	27.37	27.38	27.43	29.0	0.0	

Reduced Power Mode for DS11_Main PA

n5 Ant0 DS11									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	25.29	25.29	25.29			
20	1/2 BPSK	1	53	25.31	25.28	25.24	25.7	0.0	
20	1/2 BPSK	1	104	25.11	25.13	25.14			
20	1/2 BPSK	50	0	24.69	24.70	24.63	25.2	0.5	
20	1/2 BPSK	50	28	25.28	25.32	25.26	25.7	0.0	
20	1/2 BPSK	50	56	24.62	24.72	24.63			
20	1/2 BPSK	100	0	24.82	24.77	24.82	25.2	0.5	
20	QPSK	1	1	25.29	25.33	25.27			
20	QPSK	1	53	25.32	25.32	25.24	25.7	0.0	
20	QPSK	1	104	25.13	25.09	25.09			
20	QPSK	50	0	24.23	24.27	24.26	24.7	1.0	
20	QPSK	50	28	25.20	25.23	25.21	25.7	0.0	
20	QPSK	50	56	24.15	24.08	24.08			
20	QPSK	100	0	24.26	24.29	24.28	24.7	1.0	
20	16QAM	1	1	24.16	24.15	24.20	24.7	1.0	
20	64QAM	1	1	22.63	22.62	22.60	23.2	2.5	
20	256QAM	1	1	20.49	20.51	20.56	21.2	4.5	
Channel				166300	167300	168300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	25.24	25.19	25.17	25.7	0.0	
Channel				165800	167300	168800	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	25.22	25.22	25.13	25.7	0.0	
Channel				165300	167300	169300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	25.14	25.26	25.21	25.7	0.0	

n12 Ant0 DS11									
BW [MHz]	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)				706.5	707.5	708.5			
15	1/2 BPSK	1	1	25.39	25.39	25.48			
15	1/2 BPSK	1	40	25.41	25.43	25.38	25.7	0.0	
15	1/2 BPSK	1	77	25.32	25.35	25.29			
15	1/2 BPSK	36	0	24.88	24.83	24.89	25.2	0.5	
15	1/2 BPSK	36	22	25.43	25.39	25.45	25.7	0.0	
15	1/2 BPSK	36	43	24.84	24.80	24.79			
15	1/2 BPSK	75	0	24.93	24.99	24.90	25.2	0.5	
15	QPSK	1	1	25.47	25.52	25.48			
15	QPSK	1	40	25.48	25.43	25.38	25.7	0.0	
15	QPSK	1	77	25.33	25.24	25.26			
15	QPSK	36	0	24.37	24.46	24.43	24.7	1.0	
15	QPSK	36	22	25.44	25.47	25.43	25.7	0.0	
15	QPSK	36	43	24.33	24.27	24.23			
15	QPSK	75	0	24.48	24.52	24.45	24.7	1.0	
15	16QAM	1	1	24.26	24.37	24.32	24.7	1.0	
15	64QAM	1	1	22.84	22.73	22.82	23.2	2.5	
15	256QAM	1	1	20.71	20.73	20.66	21.2	4.5	
Channel				140800	141500	142200	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	25.41	25.46	25.43	25.7	0.0	
Channel				140300	141500	142700	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	25.32	25.43	25.40	25.7	0.0	

n26 Ant0 DS11									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	1/2 BPSK	1	1	25.34	25.35	25.33			
20	1/2 BPSK	1	53	25.25	25.30	25.28	25.7	0.0	
20	1/2 BPSK	1	104	25.19	25.11	25.09			
20	1/2 BPSK	50	0	24.74	24.66	24.76	25.2	0.5	
20	1/2 BPSK	50	28	25.29	25.27	25.36	25.7	0.0	
20	1/2 BPSK	50	56	24.68	24.74	24.73			
20	1/2 BPSK	100	0	24.78	24.79	24.79	25.2	0.5	
20	QPSK	1	1	25.35	25.39	25.37			
20	QPSK	1	53	25.36	25.33	25.27	25.7	0.0	
20	QPSK	1	104	25.14	25.14	25.09			
20	QPSK	50	0	24.32	24.28	24.22	24.7	1.0	
20	QPSK	50	28	25.29	25.34	25.31	25.7	0.0	
20	QPSK	50	56	24.05	24.09	24.09			
20	QPSK	100	0	24.35	24.36	24.29	24.7	1.0	
20	16QAM	1	1	24.15	24.19	24.11	24.7	1.0	
20	64QAM	1	1	22.59	22.59	22.58	23.2	2.5	
20	256QAM	1	1	20.48	20.46	20.53	21.2	4.5	
Channel				164300	166300	168300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	25.22	25.24	25.23	25.7	0.0	
Channel				163800	166300	168800	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	25.30	25.32	25.27	25.7	0.0	
Channel				163300	166300	169300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	25.24	25.33	25.33	25.7	0.0	

n71 Ant0 DSI1								
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel				136100				
Frequency (MHz)				680.5				
35	1/2 BPSK	1	1	25.24			25.7	0.0
35	1/2 BPSK	1	90	25.14				
35	1/2 BPSK	1	186	25.10				
35	1/2 BPSK	90	0	24.60			25.2	0.5
35	1/2 BPSK	90	45	25.20			25.7	0.0
35	1/2 BPSK	90	90	24.58			25.2	0.5
35	1/2 BPSK	180	0	24.70				
35	QPSK	1	1	25.25			25.7	0.0
35	QPSK	1	90	25.18				
35	QPSK	1	186	25.00				
35	QPSK	90	0	24.16			24.7	1.0
35	QPSK	90	45	25.21			25.7	0.0
35	QPSK	90	90	24.06			24.7	1.0
35	QPSK	180	0	24.23				
35	16QAM	1	1	24.04			24.7	1.0
35	64QAM	1	1	22.54			23.2	2.5
35	256QAM	1	1	20.48			21.2	4.5
Channel				135600	136100	136600	tune- up limit	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	25.14	25.19	25.10	25.7	0.0
Channel				135100	136100	137100	tune- up limit	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	25.12	25.10	25.18	25.7	0.0
Channel				134600	136100	137600	tune- up limit	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	25.18	25.13	25.15	25.7	0.0
Channel				134100	136100	138100	tune- up limit	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	25.10	25.14	25.17	25.7	0.0
Channel				133600	136100	138600	tune- up limit	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	25.14	25.15	25.14	25.7	0.0
Channel				133100	136100	139100	tune- up limit	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	25.15	25.15	25.08	25.7	0.0

n5 Ant1 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	20.91	20.93	20.94			
20	1/2 BPSK	1	53	20.91	20.91	20.86	21.2	0.0	
20	1/2 BPSK	1	104	20.97	21.02	20.93			
20	1/2 BPSK	50	0	20.93	21.03	20.93	21.2	0.0	
20	1/2 BPSK	50	28	20.89	20.98	20.87	21.2	0.0	
20	1/2 BPSK	50	56	20.92	20.94	20.87			
20	1/2 BPSK	100	0	20.97	21.02	20.87	21.2	0.0	
20	QPSK	1	1	21.00	21.05	20.98			
20	QPSK	1	53	20.94	20.98	20.86	21.2	0.0	
20	QPSK	1	104	20.93	20.91	20.94			
20	QPSK	50	0	20.88	20.95	20.85	21.2	0.0	
20	QPSK	50	28	20.87	21.01	20.93	21.2	0.0	
20	QPSK	50	56	20.96	20.96	20.85			
20	QPSK	100	0	20.88	20.98	20.85	21.2	0.0	
20	16QAM	1	1	20.91	20.93	20.87	21.2	0.0	
20	64QAM	1	1	20.90	20.94	20.95	21.2	0.0	
20	256QAM	1	1	20.89	20.95	20.90	21.2	0.0	
Channel				166300	167300	168300	↑ tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	20.98	21.01	20.94	21.2	0.0	
Channel				165800	167300	168800	↑ tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	20.91	20.93	20.90	21.2	0.0	
Channel				165300	167300	169300	↑ tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	20.89	21.01	20.93	21.2	0.0	

n12 Ant1 DSI1									
BW [MHz]	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)				706.5	707.5	708.5			
15	1/2 BPSK	1	1	24.54	24.60	24.52			
15	1/2 BPSK	1	40	24.48	24.55	24.55	24.7	0.0	
15	1/2 BPSK	1	77	24.58	24.59	24.56			
15	1/2 BPSK	36	0	24.52	24.65	24.57	24.7	0.0	
15	1/2 BPSK	36	22	24.54	24.64	24.47	24.7	0.0	
15	1/2 BPSK	36	43	24.51	24.59	24.55			
15	1/2 BPSK	75	0	24.56	24.57	24.51	24.7	0.0	
15	QPSK	1	1	24.62	24.68	24.60			
15	QPSK	1	40	24.50	24.57	24.55	24.7	0.0	
15	QPSK	1	77	24.56	24.61	24.56			
15	QPSK	36	0	24.58	24.64	24.52	24.7	0.0	
15	QPSK	36	22	24.50	24.65	24.57	24.7	0.0	
15	QPSK	36	43	24.52	24.58	24.49			
15	QPSK	75	0	24.54	24.63	24.54	24.7	0.0	
15	16QAM	1	1	24.54	24.60	24.47	24.7	0.0	
15	64QAM	1	1	23.10	23.15	23.16	23.2	1.5	
15	256QAM	1	1	21.16	21.12	21.05	21.2	3.5	
Channel				140800	141500	142200	↑ tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	24.52	24.62	24.57	24.7	0.0	
Channel				140300	141500	142700	↑ tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	24.60	24.57	24.52	24.7	0.0	

n26 Ant1 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	1/2 BPSK	1	1	20.41	20.48	20.37			
20	1/2 BPSK	1	53	20.45	20.42	20.39	20.7	0.0	
20	1/2 BPSK	1	104	20.41	20.53	20.45			
20	1/2 BPSK	50	0	20.37	20.44	20.35	20.7	0.0	
20	1/2 BPSK	50	28	20.39	20.45	20.43	20.7	0.0	
20	1/2 BPSK	50	56	20.43	20.45	20.37			
20	1/2 BPSK	100	0	20.42	20.42	20.38	20.7	0.0	
20	QPSK	1	1	20.50	20.55	20.48			
20	QPSK	1	53	20.37	20.52	20.37	20.7	0.0	
20	QPSK	1	104	20.41	20.46	20.40			
20	QPSK	50	0	20.43	20.51	20.45	20.7	0.0	
20	QPSK	50	28	20.40	20.53	20.42	20.7	0.0	
20	QPSK	50	56	20.42	20.46	20.41			
20	QPSK	100	0	20.44	20.52	20.41	20.7	0.0	
20	16QAM	1	1	20.38	20.46	20.44	20.7	0.0	
20	64QAM	1	1	20.38	20.44	20.37	20.7	0.0	
20	256QAM	1	1	20.37	20.42	20.40	20.7	0.0	
Channel				164300	166300	168300	↑ tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	20.45	20.44	20.44	20.7	0.0	
Channel				163800	166300	168800	↑ tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	20.42	20.52	20.39	20.7	0.0	
Channel				163300	166300	169300	↑ tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	20.42	20.50	20.36	20.7	0.0	

n71 Ant1 DS11								
BW [MHz]	Modulate on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel				136100			24.2	0.0
Frequency (MHz)				680.5				
35	1/2 BPSK	1	1	23.72				
35	1/2 BPSK	1	90	23.76				
35	1/2 BPSK	1	186	23.70				
35	1/2 BPSK	90	0	23.68			24.2	0.0
35	1/2 BPSK	90	45	23.79			24.2	0.0
35	1/2 BPSK	90	90	23.76			24.2	0.0
35	1/2 BPSK	180	0	23.74				
35	QPSK	1	1	23.83			24.2	0.0
35	QPSK	1	90	23.78				
35	QPSK	1	186	23.71				
35	QPSK	90	0	23.74			24.2	0.0
35	QPSK	90	45	23.80			24.2	0.0
35	QPSK	90	90	23.79			24.2	0.0
35	QPSK	180	0	23.77				
35	16QAM	1	1	23.73			24.2	0.0
35	64QAM	1	1	22.85			23.2	1.0
35	256QAM	1	1	20.80			21.2	3.0
Channel				135600	136100	136600	24.2	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	23.72	23.78	23.76	24.2	0.0
Channel				135100	136100	137100	24.2	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.59	23.73	23.72	24.2	0.0
Channel				134600	136100	137600	24.2	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.67	23.64	23.65	24.2	0.0
Channel				134100	136100	138100	24.2	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.62	23.76	23.65	24.2	0.0
Channel				133600	136100	138600	24.2	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.70	23.72	23.63	24.2	0.0
Channel				133100	136100	139100	24.2	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.67	23.69	23.72	24.2	0.0

n2 Ant5 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				374000	376000	378000				
Frequency (MHz)				1870	1880	1890				
40	1/2 BPSK	1	1	18.36	18.27	18.31				
40	1/2 BPSK	1	108	18.33	18.38	18.27	19.0	0.0		
40	1/2 BPSK	1	214	18.26	18.37	18.22				
40	1/2 BPSK	108	0	18.34	18.29	18.23	19.0	0.0		
40	1/2 BPSK	108	54	18.36	18.33	18.32	19.0	0.0		
40	1/2 BPSK	108	108	18.29	18.32	18.26				
40	1/2 BPSK	216	0	18.24	18.28	18.23	19.0	0.0		
40	QPSK	1	1	18.38	18.41	18.35				
40	QPSK	1	108	18.33	18.33	18.21	19.0	0.0		
40	QPSK	1	214	18.29	18.30	18.32				
40	QPSK	108	0	18.26	18.27	18.32	19.0	0.0		
40	QPSK	108	54	18.26	18.38	18.22	19.0	0.0		
40	QPSK	108	108	18.24	18.31	18.25				
40	QPSK	216	0	18.31	18.35	18.32	19.0	0.0		
40	16QAM	1	1	18.34	18.29	18.30	19.0	0.0		
40	64QAM	1	1	18.25	18.30	18.21	19.0	0.0		
40	256QAM	1	1	18.27	18.32	18.32	19.0	0.0		
Channel				373500	376000	378500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1867.5	1880	1892.5				
35	QPSK	1	1	18.35	18.35	18.30	19.0	0.0		
Channel				373000	376000	379000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1865	1880	1895				
30	QPSK	1	1	18.26	18.33	18.32	19.0	0.0		
Channel				372500	376000	379500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1862.5	1880	1897.5				
25	QPSK	1	1	18.25	18.30	18.32	19.0	0.0		
Channel				372000	376000	380000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	1	18.31	18.30	18.30	19.0	0.0		
Channel				371500	376000	380500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	1	18.31	18.38	18.21	19.0	0.0		
Channel				371000	376000	381000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	1	18.27	18.31	18.24	19.0	0.0		
Channel				370500	376000	381500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	1	18.36	18.29	18.28	19.0	0.0		

n7 Ant5 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				505000	507000	509000				
Frequency (MHz)				2525	2535	2545				
50	1/2 BPSK	1	1	17.74	17.77	17.64				
50	1/2 BPSK	1	135	17.75	17.79	17.67	18.0	0.0		
50	1/2 BPSK	1	268	17.71	17.78	17.64				
50	1/2 BPSK	135	0	17.68	17.72	17.63	18.0	0.0		
50	1/2 BPSK	135	68	17.65	17.70	17.70	18.0	0.0		
50	1/2 BPSK	135	135	17.74	17.78	17.62	18.0	0.0		
50	1/2 BPSK	270	0	17.75	17.72	17.71				
50	QPSK	1	1	17.78	17.83	17.75				
50	QPSK	1	135	17.72	17.74	17.68	18.0	0.0		
50	QPSK	1	268	17.70	17.81	17.65				
50	QPSK	135	0	17.74	17.70	17.66	18.0	0.0		
50	QPSK	135	68	17.85	17.80	17.64	18.0	0.0		
50	QPSK	135	135	17.75	17.73	17.73				
50	QPSK	270	0	17.72	17.77	17.61	18.0	0.0		
50	16QAM	1	1	17.75	17.75	17.68	18.0	0.0		
50	64QAM	1	1	17.73	17.73	17.66	18.0	0.0		
50	256QAM	1	1	17.67	17.74	17.66	18.0	0.0		
Channel				504000	507000	510000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2520	2535	2550				
40	QPSK	1	1	17.66	17.73	17.71	18.0	0.0		
Channel				503500	507000	510500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2517.5	2535	2552.5				
35	QPSK	1	1	17.67	17.71	17.69	18.0	0.0		
Channel				503000	507000	511000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2515	2535	2555				
30	QPSK	1	1	17.76	17.70	17.64	18.0	0.0		
Channel				502500	507000	511500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2512.5	2535	2557.5				
25	QPSK	1	1	17.70	17.72	17.64	18.0	0.0		
Channel				502000	507000	512000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2510	2535	2560				
20	1/2 BPSK	1	1	17.74	17.75	17.71	18.0	0.0		
Channel				501500	507000	512500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	1	17.64	17.80	17.61	18.0	0.0		
Channel				501000	507000	513000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	1	17.70	17.80	17.71	18.0	0.0		
Channel				500500	507000	513500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	1	17.64	17.72	17.67	18.0	0.0		

n25 Ant5 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				374000	376500	379000				
Frequency (MHz)				1870	1882.5	1895				
40	1/2 BPSK	1	1	19.44	19.54	19.39	20.0			0.0
40	1/2 BPSK	1	108	19.45	19.52	19.35				
40	1/2 BPSK	1	214	19.37	19.52	19.46				
40	1/2 BPSK	108	0	19.49	19.48	19.37	20.0			0.0
40	1/2 BPSK	108	54	19.46	19.49	19.37	20.0			0.0
40	1/2 BPSK	108	108	19.44	19.52	19.40	20.0			0.0
40	1/2 BPSK	216	0	19.47	19.50	19.38				
40	QPSK	1	1	19.51	19.56	19.48				
40	QPSK	1	108	19.43	19.49	19.41	20.0			0.0
40	QPSK	1	214	19.39	19.45	19.37				
40	QPSK	108	0	19.41	19.50	19.35	20.0			0.0
40	QPSK	108	54	19.40	19.53	19.42	20.0			0.0
40	QPSK	108	108	19.47	19.49	19.39				
40	QPSK	216	0	19.48	19.49	19.44	20.0			0.0
40	16QAM	1	1	19.37	19.44	19.40	20.0			0.0
40	64QAM	1	1	19.43	19.43	19.34	20.0			0.0
40	256QAM	1	1	19.39	19.45	19.42	20.0			0.0
Channel				373500	376500	379500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1867.5	1882.5	1897.5				
35	QPSK	1	1	19.41	19.44	19.45	20.0			0.0
Channel				373000	376500	380000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1865	1882.5	1900				
30	QPSK	1	1	19.49	19.45	19.42	20.0			0.0
Channel				372500	376500	380500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1862.5	1882.5	1902.5				
25	QPSK	1	1	19.40	19.51	19.36	20.0			0.0
Channel				372000	376500	381000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1860	1882.5	1905				
20	QPSK	1	1	19.42	19.52	19.36	20.0			0.0
Channel				371500	376500	381500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1857.5	1882.5	1907.5				
15	QPSK	1	1	19.49	19.53	19.38	20.0			0.0
Channel				371000	376500	382000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1855	1882.5	1910				
10	QPSK	1	1	19.45	19.44	19.41	20.0			0.0
Channel				370500	376500	382500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1852.5	1882.5	1912.5				
5	QPSK	1	1	19.41	19.52	19.35	20.0			0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500	18.7	0.0	
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	18.16	18.27	18.30	18.7	0.0	
45	1/2 BPSK	1	120	18.25	18.24	18.22			
45	1/2 BPSK	1	240	18.20	18.27	18.28	18.7	0.0	
45	1/2 BPSK	120	0	18.27	18.31	18.19			
45	1/2 BPSK	120	60	18.20	18.26	18.22	18.7	0.0	
45	1/2 BPSK	120	120	18.23	18.21	18.19			
45	1/2 BPSK	240	0	18.21	18.33	18.23	18.7	0.0	
45	QPSK	1	1	18.29	18.35	18.32			
45	QPSK	1	120	18.18	18.22	18.26	18.7	0.0	
45	QPSK	1	240	18.22	18.23	18.21			
45	QPSK	120	0	18.24	18.30	18.21	18.7	0.0	
45	QPSK	120	60	18.15	18.33	18.20			
45	QPSK	120	120	18.17	18.28	18.19	18.7	0.0	
45	QPSK	240	0	18.21	18.30	18.22			
45	16QAM	1	1	18.25	18.28	18.28	18.7	0.0	
45	64QAM	1	1	18.15	18.22	18.25			
45	256QAM	1	1	18.17	18.27	18.20	18.7	0.0	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760	18.7	0.0	
40	QPSK	1	1	18.22	18.30	18.28			
Channel				345500	349000	352500	18.7	0.0	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	18.21	18.22	18.26	18.7	0.0	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765	18.7	0.0	
30	QPSK	1	1	18.17	18.27	18.25			
Channel				344500	349000	353500	18.7	0.0	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	18.25	18.30	18.18	18.7	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770	18.7	0.0	
20	QPSK	1	1	18.21	18.23	18.21			
Channel				343500	349000	354500	18.7	0.0	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	18.24	18.22	18.24	18.7	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775	18.7	0.0	
10	QPSK	1	1	18.27	18.23	18.20			
Channel				342500	349000	355500	18.7	0.0	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	18.23	18.27	18.29	18.7	0.0	
Channel									

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	17.33	17.36	17.32			
40	1/2 BPSK	1	53	17.34	17.31	17.31	17.7	0.0	
40	1/2 BPSK	1	104	17.26	17.32	17.22			
40	1/2 BPSK	50	0	17.25	17.32	17.32	17.7	0.0	
40	1/2 BPSK	50	28	17.33	17.40	17.32	17.7	0.0	
40	1/2 BPSK	50	56	17.28	17.29	17.30			
40	1/2 BPSK	100	0	17.35	17.33	17.29	17.7	0.0	
40	QPSK	1	1	17.38	17.42	17.35			
40	QPSK	1	53	17.29	17.39	17.31	17.7	0.0	
40	QPSK	1	104	17.28	17.37	17.28			
40	QPSK	50	0	17.35	17.31	17.23	17.7	0.0	
40	QPSK	50	28	17.24	17.39	17.22	17.7	0.0	
40	QPSK	50	56	17.25	17.31	17.30			
40	QPSK	100	0	17.26	17.37	17.22	17.7	0.0	
40	16QAM	1	1	17.34	17.30	17.32	17.7	0.0	
40	64QAM	1	1	17.35	17.33	17.23	17.7	0.0	
40	256QAM	1	1	17.31	17.29	17.32	17.7	0.0	
Channel				517002	519000	520998	17.7	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	17.27	17.35	17.24	17.7	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	17.35	17.35	17.28	17.7	0.0	
Channel				516000	519000	522000	17.7	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	17.25	17.39	17.25	17.7	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	17.27	17.33	17.22	17.7	0.0	
Channel				515004	519000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	17.26	17.33	17.29	17.7	0.0	

n41 Ant5 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	17.03	17.00	17.04			
100	1/2 BPSK	1	137	16.98	17.03	17.03	17.5	0.0	
100	1/2 BPSK	1	271	17.04	17.05	16.92			
100	1/2 BPSK	135	0	17.01	17.01	16.99	17.5	0.0	
100	1/2 BPSK	135	69	16.98	17.04	16.97	17.5	0.0	
100	1/2 BPSK	135	138	17.06	17.07	17.03			
100	1/2 BPSK	270	0	16.95	17.01	16.99	17.5	0.0	
100	QPSK	1	1	17.08	17.11	17.06			
100	QPSK	1	137	16.94	17.01	17.00	17.5	0.0	
100	QPSK	1	271	17.03	17.01	16.95			
100	QPSK	135	0	17.03	16.99	17.04	17.5	0.0	
100	QPSK	135	69	16.96	17.06	16.99	17.5	0.0	
100	QPSK	135	138	17.04	16.98	17.04			
100	QPSK	270	0	17.02	17.04	17.03	17.5	0.0	
100	16QAM	1	1	16.95	16.98	16.99	17.5	0.0	
100	64QAM	1	1	16.96	16.99	16.95	17.5	0.0	
100	256QAM	1	1	16.97	17.02	17.00	17.5	0.0	
Channel				508200	518598	528996	17.5	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	16.96	17.01	16.97	17.5	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	17.03	16.98	16.93	17.5	0.0	
Channel				506202	518598	531000	17.5	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	17.00	17.07	17.02	17.5	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	17.02	17.02	17.00	17.5	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	17.05	16.97	17.03	17.5	0.0	
Channel				503700	518598	533496	17.5	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	16.97	17.08	16.95	17.5	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	17.00	17.08	16.93	17.5	0.0	
Channel				502704	518598	534498	17.5	MPR (dB)	
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	16.95	17.01	17.03	17.5	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	17.03	17.04	17.01	17.5	0.0	
Channel				501702	518598	535500	17.5	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	17.03	16.99	16.94	17.5	0.0	
Channel				501204	518598	535998	17.5	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	16.95	17.05	16.96	17.5	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	17.03	17.01	17.02	17.5	0.0	
Channel				500202	518598	537000	17.5	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	16.99	17.06	16.94	17.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	16.88	17.00	16.83			
40	1/2 BPSK	1	53	16.93	17.02	16.89	18.0	0.0	
40	1/2 BPSK	1	104	16.90	17.01	16.86			
40	1/2 BPSK	50	0	16.93	16.96	16.92	18.0	0.0	
40	1/2 BPSK	50	28	16.85	16.99	16.94	18.0	0.0	
40	1/2 BPSK	50	56	16.96	17.03	16.90			
40	1/2 BPSK	100	0	16.92	16.99	16.88	18.0	0.0	
40	QPSK	1	1	16.98	17.05	16.96			
40	QPSK	1	53	16.88	16.97	16.91	18.0	0.0	
40	QPSK	1	104	16.91	16.97	16.84			
40	QPSK	50	0	16.95	16.94	16.87	18.0	0.0	
40	QPSK	50	28	16.93	17.02	16.88	18.0	0.0	
40	QPSK	50	56	16.86	16.96	16.87			
40	QPSK	100	0	16.89	16.98	16.87	18.0	0.0	
40	16QAM	1	1	16.88	16.97	16.89	18.0	0.0	
40	64QAM	1	1	16.89	16.92	16.86	18.0	0.0	
40	256QAM	1	1	16.87	16.96	16.91	18.0	0.0	
Channel				637668	641666	645666	18.0	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	16.84	17.02	16.91	18.0	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690	18.0	MPR (dB)	
20	QPSK	1	1	16.89	16.94	16.87	18.0	0.0	
Channel				637168	641666	646166	18.0	MPR (dB)	
Frequency (MHz)				3557.52	3624.99	3692.49			
15	QPSK	1	1	16.89	17.00	16.91	18.0	0.0	
Channel				637000	641666	646332	18.0	MPR (dB)	
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	16.90	16.91	16.94	18.0	0.0	

Part270 n77 Ant5 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				650000	656000	662000				
Frequency (MHz)				3750	3840	3930				
100	1/2 BPSK	1	1	16.10	16.20	16.16				
100	1/2 BPSK	1	137	16.13	16.23	16.10	16.5	0.0		
100	1/2 BPSK	1	271	16.16	16.19	16.14				
100	1/2 BPSK	135	0	16.09	16.16	16.12	16.5	0.0		
100	1/2 BPSK	135	69	16.09	16.21		16.5	0.0		
100	1/2 BPSK	135	138	16.09	16.18	16.15	16.5	0.0		
100	1/2 BPSK	270	0	16.06	16.21	16.12				
100	QPSK	1	1	16.19	16.25	16.21				
100	QPSK	1	137	16.10	16.13	16.18	16.5	0.0		
100	QPSK	1	271	16.06	16.13	16.10				
100	QPSK	135	0	16.16	16.19	16.19	16.5	0.0		
100	QPSK	135	69	16.09	16.22	16.10	16.5	0.0		
100	QPSK	135	138	16.14	16.12	16.13	16.5	0.0		
100	QPSK	270	0	16.14	16.20	16.13				
100	16QAM	1	1	16.06	16.14	16.08	16.5	0.0		
100	64QAM	1	1	16.10	16.15	16.11	16.5	0.0		
100	256QAM	1	1	16.08	16.13	16.08	16.5	0.0		
Channel				649668	656000	662334	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3745.02	3840	3935.01				
90	QPSK	1	1	16.11	16.19	16.09	16.5	0.0		
Channel				649334	656000	662668	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3740.01	3840	3940.02				
80	QPSK	1	1	16.16	16.14	16.13	16.5	0.0		
Channel				649000	656000	663000	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3735	3840	3945				
70	QPSK	1	1	16.10	16.16	16.09	16.5	0.0		
Channel				648668	656000	663334	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3730.02	3840	3950.01				
60	QPSK	1	1	16.11	16.22	16.13	16.5	0.0		
Channel				648334	656000	663668	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3725.01	3840	3955.02				
50	QPSK	1	1	16.09	16.17	16.14	16.5	0.0		
Channel				648000	656000	664000	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3720	3840	3960				
40	QPSK	1	1	16.11	16.11	16.16	16.5	0.0		
Channel				647668	656000	664334	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3715.02	3840	3965.01				
30	QPSK	1	1	16.12	16.16	16.14	16.5	0.0		
Channel				647500	656000	664500	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3712.5	3840	3967.5				
25	QPSK	1	1	16.07	16.16	16.12	16.5	0.0		
Channel				647334	656000	664668	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3710.01	3840	3970.02				
20	QPSK	1	1	16.06	16.21	16.16	16.5	0.0		
Channel				647168	656000	664834	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3707.52	3840	3972.51				
15	QPSK	1	1	16.05	16.14	16.12	16.5	0.0		
Channel				647000	656000	665000	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3705	3840	3975				
10	QPSK	1	1	16.07	16.13	16.12	16.5	0.0		

Part270 n77 PC2 Ant5 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				650000	656000	662000				
Frequency (MHz)				3750	3840	3930				
100	1/2 BPSK	1	1	19.65	19.72	19.61				
100	1/2 BPSK	1	137	19.62	19.71	19.61	20.0	0.0		
100	1/2 BPSK	1	271	19.62	19.71	19.64				
100	1/2 BPSK	135	0	19.56	19.61	19.65	20.0	0.0		
100	1/2 BPSK	135	69	19.57	19.66	19.65	20.0	0.0		
100	1/2 BPSK	135	138	19.61	19.62	19.63	20.0	0.0		
100	1/2 BPSK	270	0	19.53	19.69	19.57				
100	QPSK	1	1	19.70	19.78	19.73				
100	QPSK	1	137	19.64	19.59	19.72	20.0	0.0		
100	QPSK	1	271	19.61	19.57	19.59				
100	QPSK	135	0	19.65	19.72	19.72	20.0	0.0		
100	QPSK	135	69	19.63	19.76	19.61	20.0	0.0		
100	QPSK	135	138	19.69	19.67	19.67	20.0	0.0		
100	QPSK	270	0	19.58	19.70	19.65				
100	16QAM	1	1	19.51	19.65	19.60	20.0	0.0		
100	64QAM	1	1	19.61	19.61	19.65	20.0	0.0		
100	256QAM	1	1	19.59	19.61	19.64	20.0	0.0		
Channel				649668	656000	662334	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3745.02	3840	3935.01				
90	QPSK	1	1	19.54	19.70	19.66	20.0	0.0		
Channel				649334	656000	662668	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3740.01	3840	3940.02				
80	QPSK	1	1	19.61	19.73	19.69	20.0	0.0		
Channel				649000	656000	663000	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3735	3840	3945				
70	QPSK	1	1	19.65	19.62	19.59	20.0	0.0		
Channel				648668	656000	663334	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3730.02	3840	3950.01				
60	QPSK	1	1	19.55	19.67	19.60	20.0	0.0		
Channel				648334	656000	663668	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3725.01	3840	3955.02				
50	QPSK	1	1	19.59	19.69	19.59	20.0	0.0		
Channel				648000	656000	664000	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3720	3840	3960				
40	QPSK	1	1	19.65	19.64	19.63	20.0	0.0		
Channel				647668	656000	664334	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3715.02	3840	3965.01				
30	QPSK	1	1	19.67	19.74	19.63	20.0	0.0		
Channel				647500	656000	664500	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3712.5	3840	3967.5				
25	QPSK	1	1	19.54	19.64	19.68	20.0	0.0		
Channel				647334	656000	664668	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3710.01	3840	3970.02				
20	QPSK	1	1	19.57	19.69	19.64	20.0	0.0		
Channel				647168	656000	664834	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3707.52	3840	3972.51				
15	QPSK	1	1	19.59	19.67	19.67	20.0	0.0		
Channel				647000	656000	665000	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3705	3840	3975				
10	QPSK	1	1	19.65	19.67	19.65	20.0	0.0		

Part27Q n77 Ant5 DSI1										
BW [MHz]	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)										
100	1/2 BPSK	1	1		15.64					
100	1/2 BPSK	1	137		15.63		16.5	0.0		
100	1/2 BPSK	1	271		15.64					
100	1/2 BPSK	135	0		15.56		16.5	0.0		
100	1/2 BPSK	135	69		15.62		16.5	0.0		
100	1/2 BPSK	135	138		15.55					
100	1/2 BPSK	270	0		15.58		16.5	0.0		
100	QPSK	1	1		15.66					
100	QPSK	1	137		15.55		16.5	0.0		
100	QPSK	1	271		15.55					
100	QPSK	135	0		15.63		16.5	0.0		
100	QPSK	135	69		15.64		16.5	0.0		
100	QPSK	135	138		15.59		16.5	0.0		
100	QPSK	270	0		15.61					
100	16QAM	1	1		15.58		16.5	0.0		
100	64QAM	1	1		15.55		16.5	0.0		
100	256QAM	1	1		15.56		16.5	0.0		
Channel				633000	633334	633668				
Frequency (MHz)										
90	QPSK	1	1	15.54	15.60	15.58	16.5	0.0		
Channel				632668	633334	634000				
Frequency (MHz)										
80	QPSK	1	1	15.43	15.53	15.54	16.5	0.0		
Channel				632334	633334	634334				
Frequency (MHz)										
70	QPSK	1	1	15.52	15.58	15.52	16.5	0.0		
Channel				632000	633334	634668				
Frequency (MHz)										
60	QPSK	1	1	15.51	15.59	15.48	16.5	0.0		
Channel				631668	633334	635000				
Frequency (MHz)										
50	QPSK	1	1	15.52	15.59	15.47	16.5	0.0		
Channel				631334	633334	635334				
Frequency (MHz)										
40	QPSK	1	1	15.52	15.51	15.47	16.5	0.0		
Channel				631000	633334	635668				
Frequency (MHz)										
30	QPSK	1	1	15.45	15.56	15.57	16.5	0.0		
Channel				630634	633334	635834				
Frequency (MHz)										
25	QPSK	1	1	15.53	15.55	15.51	16.5	0.0		
Channel				630668	633334	636000				
Frequency (MHz)										
20	QPSK	1	1	15.46	15.58	15.51	16.5	0.0		
Channel				630500	633334	636168				
Frequency (MHz)										
15	QPSK	1	1	15.44	15.52	15.51	16.5	0.0		
Channel				630334	633334	636334				
Frequency (MHz)										
10	QPSK	1	1	15.44	15.59	15.51	16.5	0.0		

Part27Q n77 PC2 Ant5 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	1/2 BPSK	1	1	19.17			20.0	0.0	
100	1/2 BPSK	1	137	19.07					
100	1/2 BPSK	1	271	19.16			20.0	0.0	
100	1/2 BPSK	135	0	19.10					
100	1/2 BPSK	135	69	19.18			20.0	0.0	
100	1/2 BPSK	135	138	19.00					
100	1/2 BPSK	270	0	19.07			20.0	0.0	
100	QPSK	1	1	19.24					
100	QPSK	1	137	19.06			20.0	0.0	
100	QPSK	1	271	19.97					
100	QPSK	135	0	19.15			20.0	0.0	
100	QPSK	135	69	19.21					
100	QPSK	135	138	19.20			20.0	0.0	
100	QPSK	270	0	19.17					
100	16QAM	1	1	19.08			20.0	0.0	
100	64QAM	1	1	19.09					
100	256QAM	1	1	19.08			20.0	0.0	
Channel				633000	633334	633668		MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	19.20	19.16	19.10	20.0	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510	20.0	0.0	
80	QPSK	1	1	19.19	19.14	19.14		0.0	
Channel				632334	633334	634334	20.0	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	19.11	19.00	19.11	20.0	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02	20.0	MPR (dB)	
60	QPSK	1	1	19.18	19.16	19.20		0.0	
Channel				631668	633334	635000	20.0	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	19.17	19.17	19.14	20.0	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01	20.0	MPR (dB)	
40	QPSK	1	1	19.14	19.17	19.11		0.0	
Channel				631000	633334	635668	20.0	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	19.17	19.13	19.11	20.0	0.0	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51	20.0	0.0	
25	QPSK	1	1	19.11	19.00	19.12		0.0	
Channel				630668	633334	636000	20.0	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	19.13	19.14	19.18	20.0	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52	20.0	MPR (dB)	
15	QPSK	1	1	19.09	19.12	19.14		0.0	
Channel				630334	633334	636334	20.0	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	19.20	19.10	19.16	20.0	0.0	

Part270 n78 Ant5 DSI1									
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000			3750		
Frequency (MHz)									
100	1/2 BPSK	1	1	16.17			16.5	0.0	
100	1/2 BPSK	1	137	16.14					
100	1/2 BPSK	1	271	16.17			16.5	0.0	
100	1/2 BPSK	135	0	16.10					
100	1/2 BPSK	135	69	16.11			16.5	0.0	
100	1/2 BPSK	135	138	16.15					
100	1/2 BPSK	270	0	16.12			16.5	0.0	
100	QPSK	1	1	16.25					
100	QPSK	1	137	16.01			16.5	0.0	
100	QPSK	1	271	16.12					
100	QPSK	135	0	16.18			16.5	0.0	
100	QPSK	135	69	16.19					
100	QPSK	135	138	16.04			16.5	0.0	
100	QPSK	270	0	16.14					
100	16QAM	1	1	16.10			16.5	0.0	
100	64QAM	1	1	16.03					
100	256QAM	1	1	16.06			16.5	0.0	
Channel				649668	650000	650334		MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	16.06	16.18	16.16	16.5	0.0	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02	16.5	MPR (dB)	
80	QPSK	1	1	16.08	16.11	16.13		0.0	
Channel				649000	650000	651000	16.5	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	16.10	16.20	16.11	16.5	0.0	
Channel				648668	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01	16.5	MPR (dB)	
60	QPSK	1	1	16.12	16.14	16.15		0.0	
Channel				648334	650000	651668	16.5	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	16.05	16.12	16.14	16.5	0.0	
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3780	16.5	MPR (dB)	
40	QPSK	1	1	16.07	16.12	16.09		0.0	
Channel				647668	650000	652334	16.5	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	16.08	16.20	16.18	16.5	0.0	
Channel				647500	650000	652500			
Frequency (MHz)				3712.5	3750	3787.5	16.5	MPR (dB)	
25	QPSK	1	1	16.07	16.11	16.14		0.0	
Channel				647334	650000	652668	16.5	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	16.13	16.21	16.17	16.5	0.0	
Channel				647168	650000	652834			
Frequency (MHz)				3707.52	3750	3792.51	16.5	MPR (dB)	
15	QPSK	1	1	16.10	16.14	16.12		0.0	
Channel				647000	650000	653000	16.5	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	16.05	16.20	16.13	16.5	0.0	

Part27O n78 PC2 Ant5 DSI1									
BW [MHz]	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	1/2 BPSK	1	1	19.62			20.0	0.0	
100	1/2 BPSK	1	137	19.63					
100	1/2 BPSK	1	271	19.68			20.0	0.0	
100	1/2 BPSK	135	0	19.64			20.0	0.0	
100	1/2 BPSK	135	69	19.57			20.0	0.0	
100	1/2 BPSK	135	138	19.66			20.0	0.0	
100	1/2 BPSK	270	0	19.67			20.0	0.0	
100	QPSK	1	1	19.78			20.0	0.0	
100	QPSK	1	137	19.57					
100	QPSK	1	271	19.62			20.0	0.0	
100	QPSK	135	0	19.68			20.0	0.0	
100	QPSK	135	69	19.70			20.0	0.0	
100	QPSK	135	138	19.52			20.0	0.0	
100	QPSK	270	0	19.65			20.0	0.0	
100	16QAM	1	1	19.57			20.0	0.0	
100	64QAM	1	1	19.56			20.0	0.0	
100	256QAM	1	1	19.56			20.0	0.0	
Channel				649668	650000	650334	Tune-up limit	MPR (dB)	
Frequency (MHz)				3745.02	3790	3755.01			
90	QPSK	1	1	19.68	19.63	19.65	20.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	19.70	19.63	19.65	20.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	19.65	19.71	19.65	20.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	19.67	19.71	19.71	20.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	19.68	19.73	19.63	20.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	19.62	19.72	19.64	20.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	19.67	19.66	19.65	20.0	0.0	
Channel				647000	650000	652500	Tune-up limit	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	19.64	19.64	19.66	20.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	19.67	19.63	19.64	20.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	19.70	19.63	19.71	20.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	19.65	19.74	19.67	20.0	0.0	

Part27Q n78 Ant5 DSI1									
BW [MHz]	Modulat- ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	1/2 BPSK	1	1	16.10			16.5	0.0	
100	1/2 BPSK	1	137	16.09					
100	1/2 BPSK	1	271	16.06			16.5	0.0	
100	1/2 BPSK	135	0	15.94					
100	1/2 BPSK	135	69	16.07			16.5	0.0	
100	1/2 BPSK	135	138	16.04					
100	1/2 BPSK	270	0	16.06			16.5	0.0	
100	QPSK	1	1	16.16					
100	QPSK	1	137	15.86			16.5	0.0	
100	QPSK	1	271	16.04					
100	QPSK	135	0	16.04			16.5	0.0	
100	QPSK	135	69	16.11					
100	QPSK	135	138	15.93			16.5	0.0	
100	QPSK	270	0	16.00					
100	16QAM	1	1	16.04			16.5	0.0	
100	64QAM	1	1	15.94					
100	256QAM	1	1	15.99			16.5	0.0	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	15.95	16.06	16.00	16.5	0.0	
Channel				632668	633334	634000	3490.02		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	15.94	16.08	16.03	16.5	0.0	
Channel				632334	633334	634334	3485.01		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	15.99	16.06	16.06	16.5	0.0	
Channel				632000	633334	634668	3480		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	15.98	16.02	16.02	16.5	0.0	
Channel				631668	633334	635000	3475.02		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	16.02	16.05	16.03	16.5	0.0	
Channel				631334	633334	635334	3470.01		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	15.97	16.13	16.06	16.5	0.0	
Channel				631000	633334	635668	3465		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	15.91	16.14	16.04	16.5	0.0	
Channel				630834	633334	635834	3462.51		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	15.95	16.03	16.04	16.5	0.0	
Channel				630668	633334	636000	3460.02		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	15.99	16.11	16.01	16.5	0.0	
Channel				630500	633334	636168	3457.5		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	15.98	16.13	16.00	16.5	0.0	
Channel				630334	633334	636334	3455.01		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	15.92	16.12	16.10	16.5	0.0	

Part27Q n78 PC2 Ant5 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	1/2 BPSK	1	1	19.44			20.0	0.0	
100	1/2 BPSK	1	137	19.39					
100	1/2 BPSK	1	271	19.42			20.0	0.0	
100	1/2 BPSK	135	0	19.44					
100	1/2 BPSK	135	69	19.44			20.0	0.0	
100	1/2 BPSK	135	138	19.50					
100	1/2 BPSK	270	0	19.39			20.0	0.0	
100	QPSK	1	1	19.55					
100	QPSK	1	137	19.28			20.0	0.0	
100	QPSK	1	271	19.42					
100	QPSK	135	0	19.48			20.0	0.0	
100	QPSK	135	69	19.50					
100	QPSK	135	138	19.34			20.0	0.0	
100	QPSK	270	0	19.43					
100	16QAM	1	1	19.45			20.0	0.0	
100	64QAM	1	1	19.35					
100	256QAM	1	1	19.34			20.0	0.0	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	19.43	19.43	19.45	20.0	0.0	
Channel				632668	633334	634000	3490.02		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	19.46	19.44	19.48	20.0	0.0	
Channel				632334	633334	634334	3485.01		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	19.42	19.43	19.49	20.0	0.0	
Channel				632000	633334	634668	3480		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	19.49	19.47	19.39	20.0	0.0	
Channel				631668	633334	635000	3475.02		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	19.46	19.44	19.46	20.0	0.0	
Channel				631334	633334	635334	3470.01		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	19.42	19.43	19.41	20.0	0.0	
Channel				631000	633334	635668	3465		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	19.49	19.51	19.41	20.0	0.0	
Channel				630834	633334	635834	3462.51		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	19.41	19.50	19.50	20.0	0.0	
Channel				630668	633334	636000	3460.02		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	19.42	19.42	19.45	20.0	0.0	
Channel				630500	633334	636168	3457.5		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	19.40	19.51	19.49	20.0	0.0	
Channel				630334	633334	636334	3455.01		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	19.45	19.40	19.49	20.0	0.0	

n2 Ant4 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				374000	376000	378000				
Frequency (MHz)				1870	1880	1890				
40	1/2 BPSK	1	1	17.26	17.24	17.26	18.4	0.0		
40	1/2 BPSK	1	108	17.20	17.30	17.24				
40	1/2 BPSK	1	214	17.23	17.25	17.28				
40	1/2 BPSK	108	0	17.24	17.25	17.28	18.4	0.0		
40	1/2 BPSK	108	54	17.23	17.24	17.28	18.4	0.0		
40	1/2 BPSK	108	108	17.29	17.32	17.25	18.4	0.0		
40	1/2 BPSK	216	0	17.22	17.31	17.21				
40	QPSK	1	1	17.31	17.38	17.33				
40	QPSK	1	108	17.21	17.34	17.19	18.4	0.0		
40	QPSK	1	214	17.23	17.30	17.28				
40	QPSK	108	0	17.28	17.31	17.24	18.4	0.0		
40	QPSK	108	54	17.27	17.35	17.22	18.4	0.0		
40	QPSK	108	108	17.26	17.28	17.30				
40	QPSK	216	0	17.21	17.31	17.22	18.4	0.0		
40	16QAM	1	1	17.22	17.30	17.23	18.4	0.0		
40	64QAM	1	1	17.22	17.24	17.29	18.4	0.0		
40	256QAM	1	1	16.78	16.85	16.80	17.9	0.5		
Channel				373500	376000	378500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1867.5	1880	1892.5				
35	QPSK	1	1	17.28	17.35	17.28	18.4	0.0		
Channel				373000	376000	379000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1865	1880	1895				
30	QPSK	1	1	17.22	17.35	17.30	18.4	0.0		
Channel				372500	376000	379500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1862.5	1880	1897.5				
25	QPSK	1	1	17.23	17.27	17.24	18.4	0.0		
Channel				372000	376000	380000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	1	17.22	17.26	17.31	18.4	0.0		
Channel				371500	376000	380500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	1	17.26	17.30	17.23	18.4	0.0		
Channel				371000	376000	381000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	1	17.28	17.34	17.25	18.4	0.0		
Channel				370500	376000	381500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	1	17.22	17.28	17.22	18.4	0.0		

n7 Ant4 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				505000	507000	509000				
Frequency (MHz)				2525	2535	2545				
50	1/2 BPSK	1	1	16.89	16.88	16.89	17.8	0.0		
50	1/2 BPSK	1	135	16.81	16.88	16.89				
50	1/2 BPSK	1	268	16.89	16.95	16.84				
50	1/2 BPSK	135	0	16.80	16.97	16.89	17.8	0.0		
50	1/2 BPSK	135	68	16.82	16.90	16.84	17.8	0.0		
50	1/2 BPSK	135	135	16.89	16.92	16.84	17.8	0.0		
50	1/2 BPSK	270	0	16.87	16.94	16.91				
50	QPSK	1	1	16.92	17.00	16.96				
50	QPSK	1	135	16.80	16.88	16.92	17.8	0.0		
50	QPSK	1	268	16.88	16.87	16.85				
50	QPSK	135	0	16.89	16.86	16.84	17.8	0.0		
50	QPSK	135	68	16.79	16.96	16.94	17.8	0.0		
50	QPSK	135	135	16.83	16.91	16.89				
50	QPSK	270	0	16.79	16.94	16.89	17.8	0.0		
50	16QAM	1	1	16.86	16.90	16.86	17.8	0.0		
50	64QAM	1	1	16.79	16.92	16.85	17.8	0.0		
50	256QAM	1	1	16.78	16.91	16.85	17.8	0.0		
Channel				504000	507000	510000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2520	2535	2550				
40	QPSK	1	1	16.86	16.97	16.92	17.8	0.0		
Channel				503500	507000	510500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2517.5	2535	2552.5				
35	QPSK	1	1	16.90	16.88	16.91	17.8	0.0		
Channel				503000	507000	511000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2515	2535	2555				
30	QPSK	1	1	16.83	16.90	16.83	17.8	0.0		
Channel				502500	507000	511500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2512.5	2535	2557.5				
25	QPSK	1	1	16.89	16.91	16.91	17.8	0.0		
Channel				502000	507000	512000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2510	2535	2560				
20	1/2 BPSK	1	1	16.87	16.87	16.92	17.8	0.0		
Channel				501500	507000	512500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	1	16.86	16.96	16.92	17.8	0.0		
Channel				501000	507000	513000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	1	16.81	16.93	16.89	17.8	0.0		
Channel				500500	507000	513500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	1	16.80	16.94	16.92	17.8	0.0		

n25 Ant4 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				374000	376500	379000				
Frequency (MHz)				1870	1882.5	1895				
40	1/2 BPSK	1	1	15.77	15.82	15.69	16.9	0.0		
40	1/2 BPSK	1	108	15.74	15.75	15.74				
40	1/2 BPSK	1	214	15.73	15.77	15.78				
40	1/2 BPSK	108	0	15.80	15.74	15.75	16.9	0.0		
40	1/2 BPSK	108	54	15.79	15.74	15.74	16.9	0.0		
40	1/2 BPSK	108	108	15.75	15.84	15.69	16.9	0.0		
40	1/2 BPSK	216	0	15.71	15.74	15.75				
40	QPSK	1	1	15.83	15.86	15.81				
40	QPSK	1	108	15.73	15.73	15.77	16.9	0.0		
40	QPSK	1	214	15.71	15.76	15.78				
40	QPSK	108	0	15.72	15.75	15.78	16.9	0.0		
40	QPSK	108	54	15.70	15.83	15.70	16.9	0.0		
40	QPSK	108	108	15.81	15.78	15.70				
40	QPSK	216	0	15.71	15.81	15.67	16.9	0.0		
40	16QAM	1	1	15.79	15.77	15.72	16.9	0.0		
40	64QAM	1	1	15.77	15.75	15.79	16.9	0.0		
40	256QAM	1	1	15.76	15.78	15.78	16.9	0.0		
Channel				373500	376500	379500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1867.5	1882.5	1897.5				
35	QPSK	1	1	15.70	15.79	15.70	16.9	0.0		
Channel				373000	376500	380000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1865	1882.5	1900				
30	QPSK	1	1	15.81	15.76	15.68	16.9	0.0		
Channel				372500	376500	380500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1862.5	1882.5	1902.5				
25	QPSK	1	1	15.69	15.72	15.78	16.9	0.0		
Channel				372000	376500	381000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1860	1882.5	1905				
20	QPSK	1	1	15.72	15.82	15.70	16.9	0.0		
Channel				371500	376500	381500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1857.5	1882.5	1907.5				
15	QPSK	1	1	15.77	15.73	15.71	16.9	0.0		
Channel				371000	376500	382000	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1855	1882.5	1910				
10	QPSK	1	1	15.70	15.81	15.69	16.9	0.0		
Channel				370500	376500	382500	tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				1852.5	1882.5	1912.5				
5	QPSK	1	1	15.69	15.72	15.71	16.9	0.0		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	14.18	14.29	14.13			
45	1/2 BPSK	1	120	14.19	14.20	14.14	14.9	0.0	
45	1/2 BPSK	1	240	14.20	14.25	14.20			
45	1/2 BPSK	120	0	14.22	14.29	14.22	14.9	0.0	
45	1/2 BPSK	120	60	14.24	14.28	14.16	14.9	0.0	
45	1/2 BPSK	120	120	14.24	14.26	14.18	14.9	0.0	
45	1/2 BPSK	240	0	14.16	14.30	14.20			
45	QPSK	1	1	14.28	14.34	14.25			
45	QPSK	1	120	14.15	14.20	14.18	14.9	0.0	
45	QPSK	1	240	14.20	14.24	14.19			
45	QPSK	120	0	14.15	14.26	14.22	14.9	0.0	
45	QPSK	120	60	14.20	14.32	14.16	14.9	0.0	
45	QPSK	120	120	14.20	14.31	14.12	14.9	0.0	
45	QPSK	240	0	14.25	14.29	14.14			
45	16QAM	1	1	14.24	14.22	14.22	14.9	0.0	
45	64QAM	1	1	14.15	14.29	14.14	14.9	0.0	
45	256QAM	1	1	14.26	14.28	14.12	14.9	0.0	
Channel				346000	349000	352000	14.9	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	14.14	14.26	14.20	14.9	0.0	
Channel				345500	349000	352500	14.9	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	14.22	14.23	14.15	14.9	0.0	
Channel				345000	349000	353000	14.9	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	14.19	14.20	14.19	14.9	0.0	
Channel				344500	349000	353500	14.9	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	14.20	14.30	14.15	14.9	0.0	
Channel				344000	349000	354000	14.9	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	14.25	14.21	14.16	14.9	0.0	
Channel				343500	349000	354500	14.9	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	14.20	14.28	14.11	14.9	0.0	
Channel				343000	349000	355000	14.9	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	14.23	14.27	14.13	14.9	0.0	
Channel				342500	349000	355500	14.9	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	14.23	14.27	14.20	14.9	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				518004	519000	519996				
Frequency (MHz)				2590.02	2595	2599.98				
40	1/2 BPSK	1	1	17.96	17.92	17.88				
40	1/2 BPSK	1	53	17.95	17.97	17.86	19.1	0.0		
40	1/2 BPSK	1	104	17.87	18.00	17.84				
40	1/2 BPSK	50	0	17.87	17.94	17.84	19.1	0.0		
40	1/2 BPSK	50	28	17.97	17.94	17.89	19.1	0.0		
40	1/2 BPSK	50	56	17.93	17.98	17.89				
40	1/2 BPSK	100	0	17.90	17.91	17.90	19.1	0.0		
40	QPSK	1	1	18.00	18.05	17.98				
40	QPSK	1	53	17.96	17.98	17.94	19.1	0.0		
40	QPSK	1	104	17.96	17.93	17.94				
40	QPSK	50	0	17.89	17.85	17.94	19.1	0.0		
40	QPSK	50	28	17.92	18.01	17.90	19.1	0.0		
40	QPSK	50	56	17.86	17.93	17.90				
40	QPSK	100	0	17.98	17.99	17.85	19.1	0.0		
40	16QAM	1	1	17.98	17.95	17.91	19.1	0.0		
40	64QAM	1	1	17.89	17.98	17.85	19.1	0.0		
40	256QAM	1	1	17.96	17.97	17.84	19.1	0.0		
Channel				517002	519000	520998				
Frequency (MHz)				2585.01	2595	2604.99				
30	QPSK	1	1	17.89	17.99	17.96	19.1	0.0		
Channel				516504	519000	521496				
Frequency (MHz)				2582.52	2595	2607.48				
25	QPSK	1	1	17.91	17.97	17.86	19.1	0.0		
Channel				516000	519000	522000				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	1	17.98	18.00	17.91	19.1	0.0		
Channel				515502	519000	522498				
Frequency (MHz)				2577.51	2595	2612.49				
15	QPSK	1	1	17.96	17.93	17.92	19.1	0.0		
Channel				515004	519000	522996				
Frequency (MHz)				2575.02	2595	2614.98				
10	QPSK	1	1	17.92	17.97	17.85	19.1	0.0		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				509202	518598	528000				
Frequency (MHz)				2546.01	2592.99	2640				
100	1/2 BPSK	1	1	17.05	17.20	17.02				
100	1/2 BPSK	1	137	17.13	17.16	17.06	18.3	0.0		
100	1/2 BPSK	1	271	17.11	17.13	17.03				
100	1/2 BPSK	135	0	17.06	17.17	17.11	18.3	0.0		
100	1/2 BPSK	135	69	17.14	17.16	17.13	18.3	0.0		
100	1/2 BPSK	135	138	17.13	17.12	17.10				
100	1/2 BPSK	270	0	17.07	17.15	17.08				
100	QPSK	1	1	17.19	17.23	17.15				
100	QPSK	1	137	17.12	17.17	17.02	18.3	0.0		
100	QPSK	1	271	17.11	17.15	17.07				
100	QPSK	135	0	17.10	17.15	17.07	18.3	0.0		
100	QPSK	135	69	17.16	17.20	17.09	18.3	0.0		
100	QPSK	135	138	17.06	17.14	17.12				
100	QPSK	270	0	17.15	17.19	17.06	18.3	0.0		
100	16QAM	1	1	17.12	17.15	17.11	18.3	0.0		
100	64QAM	1	1	17.17	17.17	17.05	18.3	0.0		
100	256QAM	1	1	17.11	17.10	17.05	18.3	0.0		
Channel				508200	518598	528996				
Frequency (MHz)				2541	2592.99	2644.98				
90	QPSK	1	1	17.12	17.19	17.02	18.3	0.0		
Channel				507204	518598	529998				
Frequency (MHz)				2536.02	2592.99	2649.99				
80	QPSK	1	1	17.08	17.09	17.07	18.3	0.0		
Channel				506202	518598	531000				
Frequency (MHz)				2531.01	2592.99	2655				
70	QPSK	1	1	17.13	17.10	17.12	18.3	0.0		
Channel				505200	518598	531996				
Frequency (MHz)				2526	2592.99	2659.98				
60	QPSK	1	1	17.13	17.13	17.10	18.3	0.0		
Channel				504204	518598	532998				
Frequency (MHz)				2521.02	2592.99	2664.99				
50	QPSK	1	1	17.07	17.18	17.08	18.3	0.0		
Channel				503700	518598	533496				
Frequency (MHz)				2518.5	2592.99	2667.48				
45	QPSK	1	1	17.12	17.11	17.13	18.3	0.0		
Channel				503202	518598	534000				
Frequency (MHz)				2516.01	2592.99	2670				
40	QPSK	1	1	17.06	17.13	17.02	18.3	0.0		
Channel				502704	518598	534498				
Frequency (MHz)				2513.52	2592.99	2672.49				
35	QPSK	1	1	17.16	17.14	17.07	18.3	0.0		
Channel				502200	518598	534996				
Frequency (MHz)				2511	2592.99	2674.98				
30	QPSK	1	1	17.08	17.17	17.11	18.3	0.0		
Channel				501702	518598	535500				
Frequency (MHz)				2508.51	2592.99	2677.5				
25	QPSK	1	1	17.15	17.10	17.11	18.3	0.0		
Channel				501204	518598	535998				
Frequency (MHz)				2506.02	2592.99	2679.99				
20	QPSK	1	1	17.09	17.20	17.06	18.3	0.0		
Channel				500700	518598	536496				
Frequency (MHz)				2503.5	2592.99	2682.48				
15	QPSK	1	1	17.09	17.12	17.01	18.3	0.0		
Channel				500202	518598	537000				
Frequency (MHz)				2501.01	2592.99	2685				
10	QPSK	1	1	17.05	17.18	17.05	18.3	0.0		

Part270 n77 Ant4 DSI1										
BW [MHz]	Modulat on	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 656000	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)		
Channel				3750	3840	3930				
Frequency (MHz)										
100	1/2 BPSK	1	1	18.00	18.11	17.96				
100	1/2 BPSK	1	137	18.01	18.02	18.04	18.7	0.0		
100	1/2 BPSK	1	271	18.07	18.04	17.98				
100	1/2 BPSK	135	0	18.01	18.02	18.05	18.7	0.0		
100	1/2 BPSK	135	69	17.99	18.12	18.06	18.7	0.0		
100	1/2 BPSK	135	138	18.02	18.11	18.00				
100	1/2 BPSK	270	0	17.97	18.05	17.99	18.7	0.0		
100	QPSK	1	1	18.10	18.15	18.08				
100	QPSK	1	137	18.02	18.12	17.97	18.7	0.0		
100	QPSK	1	271	18.04	18.02	18.01				
100	QPSK	135	0	18.06	18.10	17.96	18.7	0.0		
100	QPSK	135	69	18.00	18.12	18.05	18.7	0.0		
100	QPSK	135	138	17.97	18.04	18.04				
100	QPSK	270	0	17.98	18.09	18.05	18.7	0.0		
100	16QAM	1	1	18.01	18.06	18.04	18.7	0.0		
100	64QAM	1	1	18.05	18.05	17.96	18.7	0.0		
100	256QAM	1	1	18.05	18.08	18.01	18.7	0.0		
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3745.02	3840	3935.01				
90	QPSK	1	1	18.05	18.10	18.08	18.7	0.0		
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3740.01	3840	3940.02				
80	QPSK	1	1	18.00	18.05	17.97	18.7	0.0		
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3735	3840	3945				
70	QPSK	1	1	17.95	18.01	17.97	18.7	0.0		
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3730.01	3840	3935.01				
60	QPSK	1	1	17.94	17.98	17.97	18.7	0.0		
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3725.01	3840	3935.02				
50	QPSK	1	1	17.96	18.01	18.05	18.7	0.0		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3720	3840	3960				
40	QPSK	1	1	18.02	17.96	18.05	18.7	0.0		
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3715.02	3840	3965.01				
30	QPSK	1	1	17.92	18.03	18.05	18.7	0.0		
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3712.5	3840	3967.5				
25	QPSK	1	1	17.14	18.07	18.06	18.7	0.0		
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3710.01	3840	3970.02				
20	QPSK	1	1	18.00	18.00	17.99	18.7	0.0		
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3707.52	3840	3972.51				
15	QPSK	1	1	18.02	17.99	18.02	18.7	0.0		
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3705	3840	3975				
10	QPSK	1	1	17.96	17.96	17.99	18.7	0.0		

Part270 n77 PC2 Ant4 DSI1										
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				650000	656000	662000				
Frequency (MHz)				3750	3840	3930				
100	1/2 BPSK	1	1	20.94	21.08	20.92				
100	1/2 BPSK	1	137	20.97	21.05	21.01	21.7	0.0		
100	1/2 BPSK	1	271	21.10	21.02	21.04				
100	1/2 BPSK	135	0	20.97	21.03	21.03	21.7	0.0		
100	1/2 BPSK	135	69	21.02	21.10	21.04	21.7	0.0		
100	1/2 BPSK	135	138	21.08	21.09	21.00	21.7	0.0		
100	1/2 BPSK	270	0	21.00	21.02	20.97				
100	QPSK	1	1	21.05	21.16	21.09				
100	QPSK	1	137	21.05	21.09	20.92	21.7	0.0		
100	QPSK	1	271	21.07	21.02	21.06				
100	QPSK	135	0	21.03	21.10	20.94	21.7	0.0		
100	QPSK	135	69	20.97	21.15	21.03	21.7	0.0		
100	QPSK	135	138	20.99	21.08	21.02	21.7	0.0		
100	QPSK	270	0	20.98	21.10	21.00	21.7	0.0		
100	16QAM	1	1	21.06	21.04	21.05	21.7	0.0		
100	64QAM	1	1	21.06	21.09	20.96	21.7	0.0		
100	256QAM	1	1	20.99	21.04	21.00	21.7	0.0		
Channel				649668	656000	662334	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3745.02	3840	3935.01				
90	QPSK	1	1	20.98	21.10	20.98	21.7	0.0		
Channel				649334	656000	662668				
Frequency (MHz)				3740.01	3840	3940.02				
80	QPSK	1	1	20.92	21.11	20.96	21.7	0.0		
Channel				649000	656000	663000	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3735	3840	3945				
70	QPSK	1	1	20.99	21.06	20.93	21.7	0.0		
Channel				648668	656000	663334	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3730.02	3840	3950.01				
60	QPSK	1	1	21.00	21.07	21.02	21.7	0.0		
Channel				648334	656000	663668	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3725.01	3840	3955.02				
50	QPSK	1	1	21.01	21.03	20.98	21.7	0.0		
Channel				648000	656000	664000	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3720	3840	3960				
40	QPSK	1	1	21.00	21.03	20.99	21.7	0.0		
Channel				647668	656000	664334	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3715.02	3840	3965.01				
30	QPSK	1	1	20.90	21.03	21.03	21.7	0.0		
Channel				647500	656000	664500	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3712.5	3840	3967.5				
25	QPSK	1	1	20.99	21.09	21.02	21.7	0.0		
Channel				647334	656000	664668	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3710.01	3840	3970.02				
20	QPSK	1	1	20.98	21.09	21.00	21.7	0.0		
Channel				647168	656000	664834	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3707.52	3840	3972.51				
15	QPSK	1	1	20.98	21.02	20.99	21.7	0.0		
Channel				647000	656000	665000	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3705	3840	3975				
10	QPSK	1	1	21.01	21.06	21.00	21.7	0.0		

Part27Q n77 Ant4 DSI1										
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel					633334					
Frequency (MHz)					3500.01					
100	1/2 BPSK	1	1		17.99					
100	1/2 BPSK	1	137		17.96		18.7	0.0		
100	1/2 BPSK	1	271		17.99					
100	1/2 BPSK	135	0		17.97		18.7	0.0		
100	1/2 BPSK	135	69		18.09		18.7	0.0		
100	1/2 BPSK	135	138		18.04		18.7	0.0		
100	1/2 BPSK	270	0		17.95					
100	QPSK	1	1		18.10					
100	QPSK	1	137		18.04		18.7	0.0		
100	QPSK	1	271		17.98					
100	QPSK	135	0		17.98		18.7	0.0		
100	QPSK	135	69		18.04		18.7	0.0		
100	QPSK	135	138		17.93		18.7	0.0		
100	QPSK	270	0		18.01		18.7	0.0		
100	16QAM	1	1		18.04		18.7	0.0		
100	64QAM	1	1		18.04		18.7	0.0		
100	256QAM	1	1		18.08		18.7	0.0		
Channel				633000	633334	633668	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3495	3500.01	3505.02				
90	QPSK	1	1	18.05	18.01	17.97	18.7	0.0		
Channel				632668	633334	634000	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3490.02	3500.01	3510				
80	QPSK	1	1	17.95	18.01	18.02	18.7	0.0		
Channel				632334	633334	634334	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01				
70	QPSK	1	1	17.97	18.01	18.01	18.7	0.0		
Channel				632000	633334	634668	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3480	3500.01	3520.02				
60	QPSK	1	1	18.04	18.07	17.96	18.7	0.0		
Channel				631668	633334	635000	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3475.02	3500.01	3525				
50	QPSK	1	1	17.97	17.98	18.05	18.7	0.0		
Channel				631334	633334	635334	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01				
40	QPSK	1	1	18.03	18.04	18.04	18.7	0.0		
Channel				631000	633334	635668	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3465	3500.01	3535.02				
30	QPSK	1	1	17.95	18.07	18.03	18.7	0.0		
Channel				630834	633334	635834	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51				
25	QPSK	1	1	18.01	18.02	18.06	18.7	0.0		
Channel				630668	633334	636000	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3460.02	3500.01	3540				
20	QPSK	1	1	18.00	18.00	18.01	18.7	0.0		
Channel				630500	633334	636168	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52				
15	QPSK	1	1	18.01	18.03	18.07	18.7	0.0		
Channel				630334	633334	636334	Tune-up limit (dB)	MPR (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01				
10	QPSK	1	1	17.97	18.00	18.02	18.7	0.0		

Part27Q n77 PC2 Ant4 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel					633334					
Frequency (MHz)					3500.01					
100	1/2 BPSK	1	1		21.05					
100	1/2 BPSK	1	137		20.97					
100	1/2 BPSK	1	271		21.01					
100	1/2 BPSK	135	0		20.92			21.7	0.0	
100	1/2 BPSK	135	69		21.05			21.7	0.0	
100	1/2 BPSK	135	138		21.09			21.7	0.0	
100	1/2 BPSK	270	0		20.94			21.7	0.0	
100	QPSK	1	1		21.11					
100	QPSK	1	137		20.99			21.7	0.0	
100	QPSK	1	271		20.96					
100	QPSK	135	0		21.03					
100	QPSK	135	69		21.09			21.7	0.0	
100	QPSK	135	138		20.89			21.7	0.0	
100	QPSK	270	0		21.00					
100	16QAM	1	1		21.02			21.7	0.0	
100	64QAM	1	1		21.08			21.7	0.0	
100	256QAM	1	1		21.00			21.7	0.0	
Channel				633000	633334	633668				
Frequency (MHz)				3495	3500.01	3505.02				
90	QPSK	1	1	20.95	20.96	21.01	21.7	0.0		
Channel				632668	633334	634000				
Frequency (MHz)				3490.02	3500.01	3510				
80	QPSK	1	1	21.00	20.90	20.95	21.7	0.0		
Channel				632334	633334	634334				
Frequency (MHz)				3485.01	3500.01	3515.01				
70	QPSK	1	1	20.97	21.00	20.96	21.7	0.0		
Channel				632000	633334	634668				
Frequency (MHz)				3480	3500.01	3520.02				
60	QPSK	1	1	21.09	20.98	20.89	21.7	0.0		
Channel				631668	633334	635000				
Frequency (MHz)				3475.02	3500.01	3525				
50	QPSK	1	1	20.93	20.94	20.90	21.7	0.0		
Channel				631334	633334	635334				
Frequency (MHz)				3470.01	3500.01	3530.01				
40	QPSK	1	1	20.92	20.99	20.98	21.7	0.0		
Channel				631000	633334	635668				
Frequency (MHz)				3465	3500.01	3535.02				
30	QPSK	1	1	20.95	20.92	20.90	21.7	0.0		
Channel				630834	633334	635834				
Frequency (MHz)				3462.51	3500.01	3537.51				
25	QPSK	1	1	20.96	20.96	20.92	21.7	0.0		
Channel				630668	633334	636000				
Frequency (MHz)				3460.02	3500.01	3540				
20	QPSK	1	1	20.91	20.91	20.94	21.7	0.0		
Channel				630500	633334	636168				
Frequency (MHz)				3457.5	3500.01	3542.52				
15	QPSK	1	1	20.93	20.97	20.91	21.7	0.0		
Channel				630334	633334	636334				
Frequency (MHz)				3455.01	3500.01	3545.01				
10	QPSK	1	1	20.97	20.95	20.95	21.7	0.0		

Part270 n78 Ant4 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPSK	1	1	17.69			18.6	0.0	
100	1/2 BPSK	1	137	17.72					
100	1/2 BPSK	1	271	17.77			18.6	0.0	
100	1/2 BPSK	135	0	17.71					
100	1/2 BPSK	135	69	17.74			18.6	0.0	
100	1/2 BPSK	135	138	17.78					
100	1/2 BPSK	270	0	17.74			18.6	0.0	
100	QPSK	1	1	17.84					
100	QPSK	1	137	17.77			18.6	0.0	
100	QPSK	1	271	17.70					
100	QPSK	135	0	17.78			18.6	0.0	
100	QPSK	135	69	17.80					
100	QPSK	135	138	17.77			18.6	0.0	
100	QPSK	270	0	17.78					
100	16QAM	1	1	17.67			18.6	0.0	
100	64QAM	1	1	17.74					
100	256QAM	1	1	17.69			18.6	0.0	
Channel				649668	650000	650334			
Frequency (MHz)				3745.02	3750	3755.01	18.6	MPR (dB)	
90	QPSK	1	1	17.72	17.78	17.75			
Channel				649334	650000	650668	18.6	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	17.69	17.72	17.72	18.6	0.0	
Channel				649000	650000	651000			
Frequency (MHz)				3735	3750	3765	18.6	MPR (dB)	
70	QPSK	1	1	17.61	17.70	17.71			
Channel				648668	650000	651334	18.6	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	17.62	17.68	17.67	18.6	0.0	
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02	18.6	0.0	
50	QPSK	1	1	17.63	17.67	17.63		0.0	
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3780	18.6	0.0	
40	QPSK	1	1	17.65	17.66	17.65		0.0	
Channel				647668	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01	18.6	0.0	
30	QPSK	1	1	17.65	17.67	17.70		0.0	
Channel				647500	650000	652500			
Frequency (MHz)				3712.5	3750	3787.5	18.6	0.0	
25	QPSK	1	1	17.63	17.73	17.66		0.0	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02	18.6	0.0	
20	QPSK	1	1	17.60	17.74	17.70		0.0	
Channel				647168	650000	652834			
Frequency (MHz)				3707.52	3750	3792.51	18.6	0.0	
15	QPSK	1	1	17.70	17.64	17.63		0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3705	3750	3795	18.6	0.0	
10	QPSK	1	1	17.67	17.69	17.65		0.0	

Part270 n78 PC2 Ant4 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					650000				
Frequency (MHz)					3750				
100	1/2 BPSK	1	1	20.64			21.6	0.0	
100	1/2 BPSK	1	137	20.74					
100	1/2 BPSK	1	271	20.82			21.6	0.0	
100	1/2 BPSK	135	0	20.69					
100	1/2 BPSK	135	69	20.72			21.6	0.0	
100	1/2 BPSK	135	138	20.82					
100	1/2 BPSK	270	0	20.79			21.6	0.0	
100	QPSK	1	1	20.89					
100	QPSK	1	137	20.75			21.6	0.0	
100	QPSK	1	271	20.69					
100	QPSK	135	0	20.77			21.6	0.0	
100	QPSK	135	69	20.83					
100	QPSK	135	138	20.76			21.6	0.0	
100	QPSK	270	0	20.76					
100	16QAM	1	1	20.70			21.6	0.0	
100	64QAM	1	1	20.74					
100	256QAM	1	1	20.67			21.6	0.0	
Channel				649668	650000	650334			
Frequency (MHz)				3745.02	3750	3755.01	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	20.67	20.67	20.76	21.6	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	20.76	20.72	20.75	21.6	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	20.77	20.73	20.71	21.6	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	20.71	20.66	20.77	21.6	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	20.70	20.73	20.65	21.6	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	20.66	20.65	20.72	21.6	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	20.74	20.70	20.76	21.6	0.0	
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	20.65	20.70	20.66	21.6	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	20.69	20.69	20.74	21.6	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	20.68	20.72	20.75	21.6	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	20.73	20.77	20.74	21.6	0.0	

Part27Q n78 Ant4 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			18.6	0.0	
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1	17.94			18.6	0.0	
100	1/2 BPSK	1	137	17.96					
100	1/2 BPSK	1	271	17.91			18.6	0.0	
100	1/2 BPSK	135	0	17.86					
100	1/2 BPSK	135	69	17.94			18.6	0.0	
100	1/2 BPSK	135	138	17.93			18.6	0.0	
100	1/2 BPSK	270	0	17.90					
100	QPSK	1	1	18.09			18.6	0.0	
100	QPSK	1	137	17.94					
100	QPSK	1	271	17.92			18.6	0.0	
100	QPSK	135	0	17.92					
100	QPSK	135	69	18.04			18.6	0.0	
100	QPSK	135	138	17.91			18.6	0.0	
100	QPSK	270	0	18.03					
100	16QAM	1	1	17.83			18.6	0.0	
100	64QAM	1	1	17.87					
100	256QAM	1	1	17.88			18.6	0.0	
Channel				633000	633334	633668	18.6	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	17.88	17.86	17.92	18.6	0.0	
Channel				632668	633334	634000	18.6	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	17.88	17.87	17.89	18.6	0.0	
Channel				632334	633334	634334	18.6	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	17.81	17.86	17.91	18.6	0.0	
Channel				632000	633334	634668	18.6	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	17.82	17.87	17.84	18.6	0.0	
Channel				631688	633334	635000	18.6	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	17.88	17.91	17.83	18.6	0.0	
Channel				631334	633334	635334	18.6	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	17.80	17.88	17.86	18.6	0.0	
Channel				631000	633334	635668	18.6	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	17.84	17.86	17.89	18.6	0.0	
Channel				630834	633334	635834	18.6	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	17.82	17.91	17.83	18.6	0.0	
Channel				630668	633334	636000	18.6	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	17.79	17.93	17.86	18.6	0.0	
Channel				630500	633334	636168	18.6	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	17.87	17.93	17.81	18.6	0.0	
Channel				630334	633334	636334	18.6	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	17.83	17.94	17.83	18.6	0.0	

Part27Q n78 PC2 Ant4 DSI1									
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			21.6	0.0	
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1	20.90			21.6	0.0	
100	1/2 BPSK	1	137	20.97					
100	1/2 BPSK	1	271	20.96			21.6	0.0	
100	1/2 BPSK	135	0	20.91					
100	1/2 BPSK	135	69	20.98			21.6	0.0	
100	1/2 BPSK	135	138	20.99					
100	1/2 BPSK	270	0	20.96			21.6	0.0	
100	QPSK	1	1	21.11					
100	QPSK	1	137	20.89			21.6	0.0	
100	QPSK	1	271	20.96					
100	QPSK	135	0	20.89			21.6	0.0	
100	QPSK	135	69	20.99					
100	QPSK	135	138	20.93			21.6	0.0	
100	QPSK	270	0	20.98					
100	16QAM	1	1	20.78			21.6	0.0	
100	64QAM	1	1	20.94					
100	256QAM	1	1	20.82			21.6	0.0	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02	21.6	0.0	
90	QPSK	1	1	21.06	21.02	21.01			
Channel				632668	633334	634000	21.6	0.0	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	20.95	21.04	20.99	21.6	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01	21.6	0.0	
70	QPSK	1	1	20.98	20.97	21.03			
Channel				632000	633334	634668	21.6	0.0	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	21.06	21.03	20.97	21.6	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	21.6	0.0	
50	QPSK	1	1	20.97	21.04	21.05			
Channel				631334	633334	635334	21.6	0.0	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	21.07	20.98	20.98	21.6	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	21.6	0.0	
30	QPSK	1	1	20.96	21.04	20.95			
Channel				630834	633334	635834	21.6	0.0	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	21.06	20.96	21.00	21.6	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	21.6	0.0	
20	QPSK	1	1	21.08	21.06	21.06			
Channel				630500	633334	636168	21.6	0.0	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	20.98	21.01	21.01	21.6	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01	21.6	0.0	
10	QPSK	1	1	21.07	21.05	20.98			

n2 Ant6 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				374000	376000	378000				
Frequency (MHz)				1870	1880	1890				
40	1/2 BPSK	1	1	21.80	21.77	21.68				
40	1/2 BPSK	1	108	21.72	21.79	21.73	23.3	0.0		
40	1/2 BPSK	1	214	21.78	21.77	21.71				
40	1/2 BPSK	108	0	21.26	21.29	21.28	22.8	0.5		
40	1/2 BPSK	108	54	21.75	21.74	21.68	23.3	0.0		
40	1/2 BPSK	108	108	21.25	21.29	21.22	22.8	0.5		
40	1/2 BPSK	216	0	21.25	21.30	21.29				
40	QPSK	1	1	21.79	21.83	21.78				
40	QPSK	1	108	21.74	21.82	21.76	23.3	0.0		
40	QPSK	1	214	21.70	21.81	21.78				
40	QPSK	108	0	20.80	20.83	20.83	22.3	1.0		
40	QPSK	108	54	21.73	21.80	21.69	23.3	0.0		
40	QPSK	108	108	20.81	20.79	20.83	22.3	1.0		
40	QPSK	216	0	20.77	20.85	20.79	22.3	1.0		
40	16QAM	1	1	20.84	20.81	20.82	22.3	1.0		
40	64QAM	1	1	19.32	19.35	19.29	20.8	2.5		
40	256QAM	1	1	17.28	17.35	17.25	18.8	4.5		
Channel				373500	376000	378500				
Frequency (MHz)				1867.5	1880	1892.5				
35	QPSK	1	1	21.67	21.71	21.66	23.3	0.0		
Channel				373000	376000	379000				
Frequency (MHz)				1865	1880	1895				
30	QPSK	1	1	21.76	21.75	21.69	23.3	0.0		
Channel				372500	376000	379500				
Frequency (MHz)				1862.5	1880	1897.5				
25	QPSK	1	1	21.69	21.80	21.74	23.3	0.0		
Channel				372000	376000	380000				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	1	21.68	21.73	21.73	23.3	0.0		
Channel				371500	376000	380500				
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	1	21.74	21.72	21.68	23.3	0.0		
Channel				371000	376000	381000				
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	1	21.71	21.75	21.69	23.3	0.0		
Channel				370500	376000	381500				
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	1	21.69	21.79	21.73	23.3	0.0		

n7 Ant6 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				505000	507000	509000				
Frequency (MHz)				2525	2535	2545				
50	1/2 BPSK	1	1	24.01	24.18	24.08				
50	1/2 BPSK	1	135	24.13	24.09	24.01	25.1	0.0		
50	1/2 BPSK	1	268	24.03	24.15	23.95				
50	1/2 BPSK	135	0	23.50	23.67	23.64	24.6	0.5		
50	1/2 BPSK	135	68	24.02	24.15	24.02	25.1	0.0		
50	1/2 BPSK	135	135	23.72	23.64	23.56	24.6	0.5		
50	1/2 BPSK	270	0	23.59	23.64	23.63				
50	QPSK	1	1	24.16	24.19	24.04				
50	QPSK	1	135	24.03	24.13	24.02	25.1	0.0		
50	QPSK	1	268	24.07	24.11	24.13				
50	QPSK	135	0	23.14	23.14	23.08	24.1	1.0		
50	QPSK	135	68	24.05	24.15	24.10	25.1	0.0		
50	QPSK	135	135	23.10	23.09	23.07	24.1	1.0		
50	QPSK	270	0	23.17	23.25	23.13	24.1	1.0		
50	16QAM	1	1	23.12	23.20	23.10	24.1	1.0		
50	64QAM	1	1	21.64	21.67	21.60	22.6	2.5		
50	256QAM	1	1	19.70	19.61	19.64	20.6	4.5		
Channel				504000	507000	510000				
Frequency (MHz)				2520	2535	2550				
40	QPSK	1	1	24.08	24.14	23.90	25.1	0.0		
Channel				503500	507000	510500				
Frequency (MHz)				2517.5	2535	2552.5				
35	QPSK	1	1	24.04	24.05	23.95	25.1	0.0		
Channel				503000	507000	511000				
Frequency (MHz)				2515	2535	2555				
30	QPSK	1	1	24.00	24.05	23.95	25.1	0.0		
Channel				502500	507000	511500				
Frequency (MHz)				2512.5	2535	2557.5				
25	QPSK	1	1	24.03	24.10	23.89	25.1	0.0		
Channel				502000	507000	512000				
Frequency (MHz)				2510	2535	2560				
20	1/2 BPSK	1	1	24.09	24.14	23.90	25.1	0.0		
Channel				501500	507000	512500				
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	1	24.03	24.07	23.99	25.1	0.0		
Channel				501000	507000	513000				
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	1	24.04	24.04	23.96	25.1	0.0		
Channel				500500	507000	513500				
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	1	24.10	24.14	23.89	25.1	0.0		

n25 Ant6 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				374000	376500	379000				
Frequency (MHz)				1870	1882.5	1895				
40	1/2 BPSK	1	1	21.62	21.70	21.70				
40	1/2 BPSK	1	108	21.63	21.78	21.69	23.3	0.0		
40	1/2 BPSK	1	214	21.64	21.68	21.70				
40	1/2 BPSK	108	0	21.20	21.30	21.26	22.8	0.5		
40	1/2 BPSK	108	54	21.65	21.75	21.71	23.3	0.0		
40	1/2 BPSK	108	108	21.28	21.27	21.28	22.8	0.5		
40	1/2 BPSK	216	0	21.27	21.28	21.31				
40	QPSK	1	1	21.75	21.82	21.76				
40	QPSK	1	108	21.69	21.73	21.71	23.3	0.0		
40	QPSK	1	214	21.70	21.71	21.68				
40	QPSK	108	0	20.78	20.78	20.79	22.3	1.0		
40	QPSK	108	54	21.67	21.80	21.71	23.3	0.0		
40	QPSK	108	108	20.72	20.80	20.77	22.3	1.0		
40	QPSK	216	0	20.76	20.83	20.81	22.3	1.0		
40	16QAM	1	1	20.70	20.79	20.72	22.3	1.0		
40	64QAM	1	1	19.23	19.30	19.25	20.8	2.5		
40	256QAM	1	1	17.26	17.26	17.26	18.8	4.5		
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1867.5	1882.5	1897.5				
35	QPSK	1	1	21.60	21.67	21.71	23.3	0.0		
Channel				373000	376500	380000				
Frequency (MHz)				1865	1882.5	1900	Tune-up limit (dBm)	MPR (dB)		
30	QPSK	1	1	21.72	21.72	21.67	23.3	0.0		
Channel				372500	376500	380500				
Frequency (MHz)				1862.5	1882.5	1902.5	Tune-up limit (dBm)	MPR (dB)		
25	QPSK	1	1	21.82	21.80	21.72	23.3	0.0		
Channel				372000	376500	381000				
Frequency (MHz)				1860	1882.5	1905	Tune-up limit (dBm)	MPR (dB)		
20	QPSK	1	1	21.91	21.75	21.72	23.3	0.0		
Channel				371500	376500	381500				
Frequency (MHz)				1857.5	1882.5	1907.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	1	21.61	21.70	21.67	23.3	0.0		
Channel				371000	376500	382000				
Frequency (MHz)				1855	1882.5	1910	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	1	21.84	21.69	21.66	23.3	0.0		
Channel				370500	376500	382500				
Frequency (MHz)				1852.5	1882.5	1912.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	1	21.71	21.73	21.71	23.3	0.0		

n66 Ant6 DS11									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500	23.7	0.0	
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	22.48	22.53	22.48	23.7	0.0	
45	1/2 BPSK	1	120	22.41	22.44	22.37			
45	1/2 BPSK	1	240	22.50	22.55	22.47	23.2	0.5	
45	1/2 BPSK	120	0	21.96	22.00	21.86			
45	1/2 BPSK	120	60	22.41	22.54	22.47	23.7	0.0	
45	1/2 BPSK	120	120	21.90	22.02	21.91			
45	1/2 BPSK	240	0	22.01	22.14	22.11	23.2	0.5	
45	QPSK	1	1	22.56	22.60	22.54			
45	QPSK	1	120	22.53	22.57	22.47	23.7	0.0	
45	QPSK	1	240	22.49	22.59	22.47			
45	QPSK	120	0	21.65	21.66	21.59	22.7	1.0	
45	QPSK	120	60	22.49	22.57	22.44			
45	QPSK	120	120	21.45	21.52	21.49	22.7	1.0	
45	QPSK	240	0	21.63	21.72	21.66			
45	16QAM	1	1	21.40	21.53	21.48	22.7	1.0	
45	64QAM	1	1	19.91	19.97	19.88			
45	256QAM	1	1	17.96	17.99	17.96	19.2	4.5	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760	23.7	0.0	
40	QPSK	1	1	22.43	22.54	22.46			
Channel				345500	349000	352500	23.7	0.0	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	22.48	22.46	22.43	23.7	0.0	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765	23.7	0.0	
30	QPSK	1	1	22.46	22.52	22.50			
Channel				344500	349000	353500	23.7	0.0	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	22.47	22.53	22.52	23.7	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770	23.7	0.0	
20	QPSK	1	1	22.54	22.56	22.42			
Channel				343500	349000	354500	23.7	0.0	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	22.46	22.50	22.41	23.7	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775	23.7	0.0	
10	QPSK	1	1	22.45	22.46	22.46			
Channel				342500	349000	355500	23.7	0.0	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	22.43	22.49	22.43	23.7	0.0	
Channel									

n38 Ant6 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	516000	516996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	24.34	24.32	24.22			
40	1/2 BPSK	1	53	24.20	24.33	24.22	25.4	0.0	
40	1/2 BPSK	1	104	24.24	24.31	24.23			
40	1/2 BPSK	50	0	23.91	23.92	23.88	24.9	0.5	
40	1/2 BPSK	50	28	24.45	24.51	24.35	25.4	0.0	
40	1/2 BPSK	50	56	23.79	23.96	23.81			
40	1/2 BPSK	100	0	23.96	24.11	23.95	24.9	0.5	
40	QPSK	1	1	24.52	24.54	24.49			
40	QPSK	1	53	24.38	24.49	24.46	25.4	0.0	
40	QPSK	1	104	24.41	24.47	24.41			
40	QPSK	50	0	23.51	23.53	23.58	24.4	1.0	
40	QPSK	50	28	24.51	24.53	24.38	25.4	0.0	
40	QPSK	50	56	23.37	23.35	23.39			
40	QPSK	100	0	23.50	23.51	23.42	24.4	1.0	
40	16QAM	1	1	23.52	23.64	23.48	24.4	1.0	
40	64QAM	1	1	22.01	22.18	22.02	22.9	2.5	
40	256QAM	1	1	19.89	20.07	20.05	20.9	4.5	
Channel				517002	516000	520998			
Frequency (MHz)				2595.01	2595	2604.99			
30	QPSK	1	1	23.96	24.06	23.98	25.4	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	23.98	24.10	24.02	25.4	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	24.04	24.08	24.07	25.4	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	24.02	24.03	24.02	25.4	0.0	
Channel				515004	518000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	24.02	24.13	24.00	25.4	0.0	

n41 Ant6 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509002	518596	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	24.20	24.38	24.23			
100	1/2 BPSK	1	137	24.22	24.37	24.21	25.6	0.0	
100	1/2 BPSK	1	271	24.11	24.19	24.11			
100	1/2 BPSK	135	0	23.92	23.96	23.91	25.1	0.5	
100	1/2 BPSK	135	69	24.29	24.33	24.31	25.6	0.0	
100	1/2 BPSK	135	138	23.66	23.80	23.64			
100	1/2 BPSK	270	0	23.90	23.87	23.85	25.1	0.5	
100	QPSK	1	1	24.38	24.47	24.42			
100	QPSK	1	137	24.35	24.38	24.28	25.6	0.0	
100	QPSK	1	271	24.24	24.31	24.29			
100	QPSK	135	0	23.48	23.52	23.49	24.6	1.0	
100	QPSK	135	69	24.33	24.36	24.27	25.6	0.0	
100	QPSK	135	138	23.22	23.25	23.24			
100	QPSK	270	0	23.38	23.43	23.39	24.6	1.0	
100	16QAM	1	1	23.68	23.73	23.67	24.6	1.0	
100	64QAM	1	1	22.20	22.34	22.14	23.1	2.5	
100	256QAM	1	1	20.22	20.18	20.13	21.1	4.5	
Channel				520000	518596	528996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	24.27	24.33	24.35	25.6	0.0	
Channel				507204	518596	529996			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	24.28	24.43	24.37	25.6	0.0	
Channel				520000	518596	529000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	24.21	24.43	24.32	25.6	0.0	
Channel				505200	518596	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	24.21	24.40	24.27	25.6	0.0	
Channel				520000	518596	529000			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	24.22	24.39	24.32	25.6	0.0	
Channel				503700	518596	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	24.30	24.31	24.28	25.6	0.0	
Channel				520000	518596	529000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	24.22	24.42	24.30	25.6	0.0	
Channel				502704	518596	534496			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	24.31	24.34	24.28	25.6	0.0	
Channel				502200	518596	533996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	24.27	24.34	24.29	25.6	0.0	
Channel				501702	518596	533500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	24.22	24.40	24.32	25.6	0.0	
Channel				501204	518596	533996			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	24.20	24.41	24.28	25.6	0.0	
Channel				500700	518596	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	24.23	24.35	24.37	25.6	0.0	
Channel				500202	518596	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	24.31	24.34	24.33	25.6	0.0	

Part270 n77 Ant6 DSI1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (kHz)	Power Middle Ch. / Freq. (kHz)	Power High Ch. / Freq. (kHz)	Tune-up (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	22.19	22.14	22.07			
100	1/2 BPSK	1	137	22.10	22.19	22.15	23.7	0.0	
100	1/2 BPSK	1	271	22.36	22.36	22.21			
100	1/2 BPSK	135	0	22.06	22.15	22.08	23.7	0.0	
100	1/2 BPSK	135	69	22.17	22.16	22.01	23.7	0.0	
100	1/2 BPSK	135	138	22.31	22.40	22.27			
100	1/2 BPSK	270	0	22.14	22.22	22.15	23.7	0.0	
100	QPSK	1	1	22.36	22.53	22.41			
100	QPSK	1	137	22.13	22.19	22.15	23.7	0.0	
100	QPSK	1	271	22.44	22.52	22.32			
100	QPSK	135	0	22.10	22.21	22.10	23.7	0.0	
100	QPSK	135	69	22.18	22.35	22.30	23.7	0.0	
100	QPSK	135	138	22.09	22.16	22.16			
100	QPSK	270	0	22.06	22.24	22.15	23.7	0.0	
100	16QAM	1	1	22.24	22.30	22.13	23.7	0.0	
100	64QAM	1	1	21.62	21.68	21.57	23.2	0.5	
100	256QAM	1	1	19.60	19.70	19.60	21.2	2.5	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.27	22.44	22.31	23.7	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	22.27	22.41	22.28	23.7	0.0	
Channel				649000	656000	662000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.31	22.37	22.36	23.7	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	22.28	22.46	22.27	23.7	0.0	
Channel				648334	656000	663000			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	22.21	22.48	22.29	23.7	0.0	
Channel				648000	656000	662400			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	22.30	22.45	22.36	23.7	0.0	
Channel				647668	656000	662000			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	22.25	22.41	22.35	23.7	0.0	
Channel				647334	656000	661500			
Frequency (MHz)				3712.1	3840	3971.5			
25	QPSK	1	1	22.26	22.47	22.38	23.7	0.0	
Channel				647000	656000	661000			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.22	22.37	22.27	23.7	0.0	
Channel				646668	656000	660684			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.33	22.40	22.33	23.7	0.0	
Channel				647000	656000	662000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.30	22.38	22.34	23.7	0.0	

Part27Q n77 Ant6 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1	22.27					
100	1/2 BPSK	1	137	22.17			23.7	0.0	
100	1/2 BPSK	1	271	22.19					
100	1/2 BPSK	135	0	22.20			23.7	0.0	
100	1/2 BPSK	135	69	22.20			23.7	0.0	
100	1/2 BPSK	135	138	22.23			23.7	0.0	
100	1/2 BPSK	270	0	22.22			23.7	0.0	
100	QPSK	1	1	22.36					
100	QPSK	1	137	22.16			23.7	0.0	
100	QPSK	1	271	22.35					
100	QPSK	135	0	22.22			23.7	0.0	
100	QPSK	135	69	22.25			23.7	0.0	
100	QPSK	135	138	22.23			23.7	0.0	
100	QPSK	270	0	22.12			23.7	0.0	
100	16QAM	1	1	22.16			23.7	0.0	
100	64QAM	1	1	21.78			23.2	0.5	
100	256QAM	1	1	19.34			21.2	2.5	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	22.25	22.29	22.31	23.7	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	22.30	22.20	22.21	23.7	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	22.22	22.26	22.22	23.7	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	22.32	22.29	22.29	23.7	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1	22.20	22.26	22.25	23.7	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	22.26	22.30	22.29	23.7	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1	22.28	22.26	22.22	23.7	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1	22.27	22.29	22.27	23.7	0.0	
Channel				630668	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	22.26	22.27	22.29	23.7	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	22.21	22.32	22.31	23.7	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1	22.26	22.21	22.26	23.7	0.0	

Part27Q n77 PC2 Ant6 DSI1									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1	23.96					
100	1/2 BPSK	1	137	24.00			25.7	0.0	
100	1/2 BPSK	1	271	23.99					
100	1/2 BPSK	135	0	23.55			25.2	0.5	
100	1/2 BPSK	135	69	23.93			25.7	0.0	
100	1/2 BPSK	135	138	23.43			25.2	0.5	
100	1/2 BPSK	270	0	23.50					
100	QPSK	1	1	24.01					
100	QPSK	1	137	23.88			25.7	0.0	
100	QPSK	1	271	23.96					
100	QPSK	135	0	22.75			24.7	1.0	
100	QPSK	135	69	23.98			25.7	0.0	
100	QPSK	135	138	22.93			24.7	1.0	
100	QPSK	270	0	23.13			24.7	1.0	
100	16QAM	1	1	22.79			24.7	1.0	
100	64QAM	1	1	21.26			23.2	2.5	
100	256QAM	1	1	19.21			21.2	4.5	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	23.95	23.95	23.87	25.7	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	23.89	23.87	23.61	25.7	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	23.86	23.89	23.87	25.7	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	23.88	23.94	23.90	25.7	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1	23.93	23.88	23.95	25.7	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	23.89	23.85	23.90	25.7	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1	23.91	23.91	23.88	25.7	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1	23.92	23.92	23.85	25.7	0.0	
Channel				630668	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	23.89	23.89	23.93	25.7	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	23.93	23.88	23.86	25.7	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1	23.85	23.95	23.93	25.7	0.0	

Part27O n78 Ant6 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750					
100	1/2 BPSK	1	1	22.41			23.7	0.0	
100	1/2 BPSK	1	137	22.47					
100	1/2 BPSK	1	271	22.40					
100	1/2 BPSK	135	0	22.35			23.7	0.0	
100	1/2 BPSK	135	69	22.33			23.7	0.0	
100	1/2 BPSK	135	138	22.39			23.7	0.0	
100	1/2 BPSK	270	0	22.41			23.7	0.0	
100	QPSK	1	1	22.48					
100	QPSK	1	137	22.36			23.7	0.0	
100	QPSK	1	271	22.46					
100	QPSK	135	0	22.39			23.7	0.0	
100	QPSK	135	69	22.42			23.7	0.0	
100	QPSK	135	138	22.36			23.7	0.0	
100	QPSK	270	0	22.32			23.7	0.0	
100	16QAM	1	1	22.37			23.7	0.0	
100	64QAM	1	1	21.86			23.2	0.5	
100	256QAM	1	1	19.82			21.2	2.5	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	22.30	22.38	22.32	23.7	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	22.22	22.32	22.18	23.7	0.0	
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	22.23	22.36	22.26	23.7	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	22.28	22.26	22.30	23.7	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725	3750	3775.02	up	(dB)	
50	QPSK	1	1	22.19	22.35	22.22	23.7	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	22.25	22.31	22.28	23.7	0.0	
Channel				647668	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	22.19	22.31	22.25	23.7	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	22.27	22.36	22.20	23.7	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	22.23	22.27	22.28	23.7	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	22.27	22.32	22.28	23.7	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1	22.28	22.26	22.26	23.7	0.0	

Part27Q n78 Ant6 DSI1									
BW (MHz)	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)						22.17			
100	1/2 BPSK	1	1			22.17			
100	1/2 BPSK	1	137			22.10	23.7	0.0	
100	1/2 BPSK	1	271			22.15			
100	1/2 BPSK	135	0			22.12	23.7	0.0	
100	1/2 BPSK	135	69			22.02	23.7	0.0	
100	1/2 BPSK	135	138			22.08			
100	1/2 BPSK	270	0			22.14	23.7	0.0	
100	QPSK	1	1			22.23			
100	QPSK	1	137			21.98	23.7	0.0	
100	QPSK	1	271			22.10			
100	QPSK	135	0			22.10	23.7	0.0	
100	QPSK	135	69			22.20	23.7	0.0	
100	QPSK	135	138			22.10			
100	QPSK	270	0			22.10	23.7	0.0	
100	16QAM	1	1			21.77	23.7	0.0	
100	64QAM	1	1			21.27	23.2	0.5	
100	256QAM	1	1			19.32	21.2	2.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	22.19	22.09	22.18	23.7	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	22.11	22.07	22.15	23.7	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	22.11	22.10	22.08	23.7	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	22.16	22.14	22.15	23.7	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	22.18	22.13	22.09	23.7	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	22.10	22.18	22.18	23.7	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	22.11	22.12	22.13	23.7	0.0	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	22.10	22.15	22.12	23.7	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	22.12	22.13	22.12	23.7	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	22.13	22.09	22.15	23.7	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	22.18	22.14	22.09	23.7	0.0	

Part27Q n78 PC2 Ant6 DSI1									
BW (MHz)	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)						23.87			
100	1/2 BPSK	1	1			23.87			
100	1/2 BPSK	1	137			23.88	25.5	0.0	
100	1/2 BPSK	1	271			23.98			
100	1/2 BPSK	135	0			23.06	25.0	0.5	
100	1/2 BPSK	135	69			23.54	25.5	0.0	
100	1/2 BPSK	135	138			23.36			
100	1/2 BPSK	270	0			23.46	25.0	0.5	
100	QPSK	1	1			24.20			
100	QPSK	1	137			23.76	25.5	0.0	
100	QPSK	1	271			24.05			
100	QPSK	135	0			22.71	24.5	1.0	
100	QPSK	135	69			24.09	25.5	0.0	
100	QPSK	135	138			22.89			
100	QPSK	270	0			23.17	24.5	1.0	
100	16QAM	1	1			22.71	24.5	1.0	
100	64QAM	1	1			21.44	23.0	2.5	
100	256QAM	1	1			19.49	21.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	24.12	24.14	24.05	25.5	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	24.04	24.14	24.05	25.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	24.07	24.11	24.06	25.5	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	24.10	24.06	24.08	25.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	24.09	24.12	24.04	25.5	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	24.07	24.11	24.04	25.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	24.09	24.16	24.12	25.5	0.0	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	24.11	24.05	24.06	25.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	24.15	24.16	24.11	25.5	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	24.12	24.08	24.11	25.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	24.10	24.15	24.10	25.5	0.0	

n2 Ant7 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	1/2 BPSK	1	1	19.03	19.10	19.08			
40	1/2 BPSK	1	108	19.04	19.10	19.05	20.3	0.0	
40	1/2 BPSK	1	214	18.96	19.07	19.01			
40	1/2 BPSK	108	0	18.98	19.04	19.03	20.3	0.0	
40	1/2 BPSK	108	54	18.97	19.10	19.06	20.3	0.0	
40	1/2 BPSK	108	108	18.94	19.01	19.06	20.3	0.0	
40	1/2 BPSK	216	0	19.01	19.11	19.09			
40	QPSK	1	1	18.99	19.15	18.99			
40	QPSK	1	108	18.98	19.05	19.10	20.3	0.0	
40	QPSK	1	214	19.02	19.04	19.06			
40	QPSK	108	0	19.01	19.10	19.03	20.3	0.0	
40	QPSK	108	54	18.96	19.11	19.06	20.3	0.0	
40	QPSK	108	108	18.95	19.08	19.04			
40	QPSK	216	0	19.04	19.09	19.07	20.3	0.0	
40	16QAM	1	1	18.94	19.02	19.05	20.3	0.0	
40	64QAM	1	1	17.55	17.59	17.46	18.6	1.5	
40	256QAM	1	1	15.44	15.68	15.53	16.8	3.5	
Channel				373500	376000	376500			
Frequency (MHz)				1887.5	1880	1892.5			
35	QPSK	1	1	18.87	19.11	18.94	20.3	0.0	
Channel				373000	376000	378000			
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	18.94	19.00	18.91	20.3	0.0	
Channel				372500	376000	376500			
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	18.94	19.07	18.85	20.3	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1870	1900			
20	QPSK	1	1	18.91	19.01	18.93	20.3	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	18.83	19.03	18.86	20.3	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1860	1905			
10	QPSK	1	1	18.91	19.09	18.93	20.3	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	18.89	19.09	18.86	20.3	0.0	

n7 Ant7 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	17.64	17.59	17.60			
50	1/2 BPSK	1	135	17.68	17.58	17.53	19.0	0.0	
50	1/2 BPSK	1	268	17.64	17.60	17.60			
50	1/2 BPSK	135	0	17.52	17.65	17.54	19.0	0.0	
50	1/2 BPSK	135	68	17.59	17.65	17.62	19.0	0.0	
50	1/2 BPSK	135	135	17.55	17.60	17.62	19.0	0.0	
50	1/2 BPSK	270	0	17.56	17.74	17.53			
50	QPSK	1	1	17.59	17.61	17.54			
50	QPSK	1	135	17.57	17.60	17.51	19.0	0.0	
50	QPSK	1	268	17.61	17.67	17.51			
50	QPSK	135	0	17.51	17.66	17.64	19.0	0.0	
50	QPSK	135	68	17.59	17.75	17.57	19.0	0.0	
50	QPSK	135	135	17.58	17.72	17.52			
50	QPSK	270	0	17.53	17.63	17.48	19.0	0.0	
50	16QAM	1	1	17.60	17.65	17.64	19.0	0.0	
50	64QAM	1	1	17.56	17.58	17.65	19.0	0.0	
50	256QAM	1	1	17.14	17.27	17.02	18.5	0.5	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	17.38	17.46	17.39	19.0	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	17.34	17.43	17.38	19.0	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	17.44	17.42	17.34	19.0	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	17.33	17.45	17.41	19.0	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	17.34	17.41	17.42	19.0	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	17.42	17.49	17.40	19.0	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	17.44	17.42	17.36	19.0	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	17.37	17.45	17.36	19.0	0.0	

n25 Ant7 DSI1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	19.86	19.91	19.85			
40	1/2 BPSK	1	108	19.79	19.90	19.78	21.3	0.0	
40	1/2 BPSK	1	214	19.77	19.89	19.85			
40	1/2 BPSK	108	0	19.33	19.46	19.46	20.6	0.5	
40	1/2 BPSK	108	54	19.78	19.85	19.86	21.3	0.0	
40	1/2 BPSK	108	108	19.44	19.43	19.42			
40	1/2 BPSK	216	0	19.36	19.46	19.43	20.8	0.5	
40	QPSK	1	1	19.89	19.94	19.91			
40	QPSK	1	108	19.81	19.80	19.82	21.3	0.0	
40	QPSK	1	214	19.82	19.82	19.88			
40	QPSK	108	0	18.90	18.92	18.92	20.3	1.0	
40	QPSK	108	54	19.77	19.91	19.88	21.3	0.0	
40	QPSK	108	108	18.87	18.89	18.88			
40	QPSK	216	0	18.90	18.99	18.89	20.3	1.0	
40	16QAM	1	1	18.88	18.93	18.93	20.3	1.0	
40	64QAM	1	1	17.43	17.48	17.46	18.8	2.5	
40	256QAM	1	1	15.43	15.39	15.41	16.8	4.5	
Channel				373500	376500	379500			
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	19.78	19.81	19.77	21.3	0.0	
Channel				373000	376500	380000			
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	19.77	19.90	19.88	21.3	0.0	
Channel				372500	376500	380500			
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	19.78	19.91	19.77	21.3	0.0	
Channel				372000	376500	381000			
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	19.86	19.84	19.80	21.3	0.0	
Channel				371500	376500	381500			
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	19.80	19.83	19.83	21.3	0.0	
Channel				371000	376500	382000			
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	19.83	19.82	19.85	21.3	0.0	
Channel				370500	376500	382500			
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	19.86	19.86	19.88	21.3	0.0	

n38 Ant7 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	17.24	17.36	17.41			
40	1/2 BPSK	1	53	17.27	17.44	17.41	18.7	0.0	
40	1/2 BPSK	1	104	17.24	17.38	17.38			
40	1/2 BPSK	50	0	17.25	17.39	17.32	18.7	0.0	
40	1/2 BPSK	50	28	17.32	17.39	17.31	18.7	0.0	
40	1/2 BPSK	50	56	17.25	17.41	17.31	18.7	0.0	
40	1/2 BPSK	100	0	17.32	17.38	17.34			
40	QPSK	1	1	17.23	17.45	17.31			
40	QPSK	1	53	17.26	17.43	17.31	18.7	0.0	
40	QPSK	1	104	17.25	17.38	17.32			
40	QPSK	50	0	17.33	17.41	17.38	18.7	0.0	
40	QPSK	50	28	17.26	17.42	17.40	18.7	0.0	
40	QPSK	50	56	17.30	17.38	17.37			
40	QPSK	100	0	17.28	17.41	17.39	18.7	0.0	
40	16QAM	1	1	17.34	17.42	17.41	18.7	0.0	
40	64QAM	1	1	17.23	17.41	17.33	18.7	0.0	
40	256QAM	1	1	17.34	17.40	17.37	18.7	0.0	
Channel				517002	519000	520998	tune-up limit	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	17.08	17.22	17.24	18.7	0.0	
Channel				516504	519000	521496	tune-up limit	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	17.13	17.19	17.23	18.7	0.0	
Channel				516000	519000	522000	tune-up limit	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	17.17	17.30	17.25	18.7	0.0	
Channel				515502	519000	522498	tune-up limit	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	17.12	17.21	17.21	18.7	0.0	
Channel				515004	519000	522996	tune-up limit	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	17.14	17.26	17.20	18.7	0.0	

n41 Ant7 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	18.45	18.51	18.43			
100	1/2 BPSK	1	137	18.51	18.59	18.37	20.0	0.0	
100	1/2 BPSK	1	271	18.49	18.60	18.37			
100	1/2 BPSK	135	0	18.49	18.58	18.46	20.0	0.0	
100	1/2 BPSK	135	69	18.50	18.51	18.46	20.0	0.0	
100	1/2 BPSK	135	138	18.47	18.58	18.47	20.0	0.0	
100	1/2 BPSK	270	0	18.52	18.53	18.41			
100	QPSK	1	1	18.53	18.58	18.46			
100	QPSK	1	137	18.50	18.55	18.38	20.0	0.0	
100	QPSK	1	271	18.47	18.56	18.46			
100	QPSK	135	0	18.48	18.53	18.41	20.0	0.0	
100	QPSK	135	69	18.50	18.55	18.37	20.0	0.0	
100	QPSK	135	138	18.50	18.59	18.40			
100	QPSK	270	0	18.52	18.53	18.42	20.0	0.0	
100	16QAM	1	1	18.51	18.55	18.38	20.0	0.0	
100	64QAM	1	1	18.46	18.56	18.39	20.0	0.0	
100	256QAM	1	1	18.51	18.60	18.46	19.0	1.0	
Channel				508200	518598	528996	tune-up limit	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	18.44	18.62	18.41	20.0	0.0	
Channel				507204	518598	529998	tune-up limit	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	18.39	18.53	18.36	20.0	0.0	
Channel				506202	518598	531000	tune-up limit	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	18.42	18.51	18.35	20.0	0.0	
Channel				505200	518598	531996	tune-up limit	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	18.46	18.56	18.38	20.0	0.0	
Channel				504204	518598	532998	tune-up limit	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	18.45	18.60	18.30	20.0	0.0	
Channel				503700	518598	533496	tune-up limit	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	18.43	18.59	18.38	20.0	0.0	
Channel				503202	518598	534000	tune-up limit	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	18.48	18.59	18.32	20.0	0.0	
Channel				502704	518598	534498	tune-up limit	MPR (dB)	
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	18.39	18.64	18.39	20.0	0.0	
Channel				502200	518598	534996	tune-up limit	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	18.47	18.59	18.30	20.0	0.0	
Channel				501702	518598	535500	tune-up limit	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	18.44	18.54	18.33	20.0	0.0	
Channel				501204	518598	535998	tune-up limit	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	18.48	18.55	18.39	20.0	0.0	
Channel				500700	518598	536496	tune-up limit	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	18.45	18.59	18.30	20.0	0.0	
Channel				500202	518598	537000	tune-up limit	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	18.38	18.63	18.40	20.0	0.0	

n48 Ant10 DSI1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				638000	641666	646332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	23.31	23.44	23.31			
40	1/2 BPSK	1	53	23.34	23.39	23.30	25.0	0.0	
40	1/2 BPSK	1	104	23.30	23.42	23.40			
40	1/2 BPSK	50	0	22.64	22.75	22.64	24.5	0.5	
40	1/2 BPSK	50	28	23.35	23.43	23.38	25.0	0.0	
40	1/2 BPSK	50	56	22.57	22.63	22.56			
40	1/2 BPSK	100	0	22.67	22.76	22.66	24.5	0.5	
40	QPSK	1	1	23.39	23.48	23.45			
40	QPSK	1	53	23.36	23.43	23.36	25.0	0.0	
40	QPSK	1	104	23.36	23.39	23.30			
40	QPSK	50	0	22.43	22.46	22.29	24.0	1.0	
40	QPSK	50	28	23.34	23.45	23.36	25.0	0.0	
40	QPSK	50	56	22.36	22.42	22.31			
40	QPSK	100	0	22.39	22.49	22.39	24.0	1.0	
40	16QAM	1	1	22.26	22.35	22.23	24.0	1.0	
40	64QAM	1	1	20.51	20.63	20.56	22.5	2.5	
40	256QAM	1	1	18.65	18.72	18.65	20.5	4.5	
Channel				637663	641666	645666			
Frequency (MHz)				3555.02	3624.99	3684.99			
30	QPSK	1	1	23.28	23.35	23.40	25.0	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	23.32	23.37	23.40	25.0	0.0	
Channel				637163	641666	646163			
Frequency (MHz)				3557.52	3624.99	3692.49			
15	QPSK	1	1	23.29	23.35	23.38	25.0	0.0	
Channel				637000	641666	646332			
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	23.33	23.40	23.41	25.0	0.0	

Part270 n77 Ant10 DSI1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	25.49	25.63	25.48			
100	1/2 BPSK	1	137	25.51	25.66	25.51	26.0	0.0	
100	1/2 BPSK	1	271	25.37	25.57	25.50			
100	1/2 BPSK	135	0	25.50	25.56	25.42	26.0	0.0	
100	1/2 BPSK	135	69	25.34	25.40	25.53	26.0	0.0	
100	1/2 BPSK	135	138	25.44	25.57	25.62			
100	1/2 BPSK	270	0	25.53	25.58	25.52	26.0	0.0	
100	QPSK	1	1	25.66	25.76	25.71			
100	QPSK	1	137	25.48	25.61	25.46	26.0	0.0	
100	QPSK	1	271	25.45	25.53	25.46			
100	QPSK	135	0	25.47	25.53	25.40	26.0	0.0	
100	QPSK	135	69	25.56	25.67	25.61	26.0	0.0	
100	QPSK	135	138	25.49	25.63	25.58			
100	QPSK	270	0	25.40	25.56	25.50	26.0	0.0	
100	16QAM	1	1	25.62	25.71	25.46	26.0	0.0	
100	64QAM	1	1	25.03	25.21	25.08	25.5	0.5	
100	256QAM	1	1	23.01	23.14	23.12	23.5	2.5	
Channel				645668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	25.54	25.64	25.63	26.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	25.61	25.71	25.65	26.0	0.0	
Channel				649200	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	25.53	25.64	25.61	26.0	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	25.58	25.63	25.59	26.0	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	25.57	25.72	25.57	26.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	25.51	25.68	25.55	26.0	0.0	
Channel				647668	656000	663968			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	25.59	25.67	25.64	26.0	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	25.52	25.66	25.58	26.0	0.0	
Channel				647334	656000	663968			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	25.54	25.69	25.58	26.0	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	25.50	25.66	25.60	26.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	25.58	25.64	25.59	26.0	0.0	

Part270 n77 PC2 Ant10 DSI1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	27.32	27.71	27.56			
100	1/2 BPSK	1	137	27.27	27.55	27.56	29.0	0.0	0.0
100	1/2 BPSK	1	271	27.42	27.68	27.56			
100	1/2 BPSK	135	0	26.93	27.20	27.11	28.5	0.5	0.5
100	1/2 BPSK	135	69	27.34	27.63	27.59	29.0	0.0	0.0
100	1/2 BPSK	135	138	26.99	27.21	27.12	28.5	0.5	0.5
100	1/2 BPSK	270	0	26.90	27.22	27.21			
100	QPSK	1	1	27.44	27.72	27.64			
100	QPSK	1	137	27.34	27.62	27.55	29.0	0.0	0.0
100	QPSK	1	271	27.42	27.57	27.55			
100	QPSK	135	0	26.48	26.69	26.58	28.0	1.0	1.0
100	QPSK	135	69	27.37	27.65	27.56	29.0	0.0	0.0
100	QPSK	135	138	26.40	26.74	26.63			
100	QPSK	270	0	26.38	26.66	26.60	28.0	1.0	1.0
100	16QAM	1	1	26.47	26.70	26.58	28.0	1.0	1.0
100	64QAM	1	1	24.91	25.20	25.13	26.5	2.5	2.5
100	256QAM	1	1	22.94	23.18	23.19	24.5	4.5	4.5
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	27.38	27.61	27.49	29.0	0.0	0.0
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	27.32	27.58	27.57	29.0	0.0	0.0
Channel				649200	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	27.28	27.56	27.60	29.0	0.0	0.0
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	27.37	27.68	27.54	29.0	0.0	0.0
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	27.34	27.62	27.57	29.0	0.0	0.0
Channel				648000	656000	664000			
Frequency (MHz)				3730	3840	3960			
40	QPSK	1	1	27.33	27.60	27.56	29.0	0.0	0.0
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	27.36	27.61	27.52	29.0	0.0	0.0
Channel				647000	656000	664500			
Frequency (MHz)				3712.5	3840	397.5			
25	QPSK	1	1	27.30	27.66	27.56	29.0	0.0	0.0
Channel				647334	656000	664268			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	27.33	27.62	27.58	29.0	0.0	0.0
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	27.32	27.69	27.59	29.0	0.0	0.0
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	27.31	27.65	27.58	29.0	0.0	0.0

Part27Q n77 PC2 Ant10 DSI1									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				63300.1					
100	1/2 BPSK	1	1		27.53				
100	1/2 BPSK	1	137		27.54		29.0	0.0	
100	1/2 BPSK	1	271		27.50				
100	1/2 BPSK	135	0		27.19		28.5	0.5	
100	1/2 BPSK	135	69		27.59		29.0	0.0	
100	1/2 BPSK	135	138		27.19		28.5	0.5	
100	1/2 BPSK	270	0		27.12				
100	QPSK	1	1		27.60				
100	QPSK	1	137		27.54		29.0	0.0	
100	QPSK	1	271		27.51				
100	QPSK	135	0		26.67		28.0	1.0	
100	QPSK	135	69		27.54		29.0	0.0	
100	QPSK	135	138		26.68		28.0	1.0	
100	QPSK	270	0		26.62				
100	16QAM	1	1		26.54		28.0	1.0	
100	64QAM	1	1		25.12		26.5	2.5	
100	256QAM	1	1		23.09		24.5	4.5	
Channel				633000	633334	633668		MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	27.53 <td>27.54<td>27.51</td><td>29.0</td><td colspan="2">0.0</td></td>	27.54 <td>27.51</td> <td>29.0</td> <td colspan="2">0.0</td>	27.51	29.0	0.0	
Channel				632668	633334	634000		MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	27.54 <td>27.52</td> <td>27.46</td> <td>29.0</td> <td colspan="2">0.0</td>	27.52	27.46	29.0	0.0	
Channel				632334	633334	634334		MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	27.47	27.47	27.45	29.0	0.0	
Channel				632000	633334	634668		MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	27.48	27.56	27.54	29.0	0.0	
Channel				631668	633334	635000		MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	27.50	27.51	27.46	29.0	0.0	
Channel				631334	633334	635334		MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	27.48	27.53	27.53	28.0	0.0	
Channel				631000	633334	635999		MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	27.56	27.46	27.50	29.0	0.0	
Channel				630834	633334	636834		MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	27.47	27.55	27.55	29.0	0.0	
Channel				630500	633334	636999		MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	27.56	27.52	27.52	29.0	0.0	
Channel				630500	633334	636168		MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	27.47	27.52	27.55	29.0	0.0	
Channel				630334	633334	636334		MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	27.55	27.44	27.47	29.0	0.0	

Part27O n78 Ant10 DSI1									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				650000					
100	1/2 BPSK	1	1		25.55				
100	1/2 BPSK	1	137		25.52		26.0	0.0	
100	1/2 BPSK	1	271		25.46				
100	1/2 BPSK	135	0		25.49		26.0	0.0	
100	1/2 BPSK	135	69		25.41		26.0	0.0	
100	1/2 BPSK	135	138		25.53				
100	1/2 BPSK	270	0		25.47		26.0	0.0	
100	QPSK	1	1		25.56				
100	QPSK	1	137		25.42		26.0	0.0	
100	QPSK	1	271		25.28				
100	QPSK	135	0		25.23		26.0	0.0	
100	QPSK	135	69		25.45		26.0	0.0	
100	QPSK	135	138		25.41				
100	QPSK	270	0		25.38		26.0	0.0	
100	16QAM	1	1		25.51		26.0	0.0	
100	64QAM	1	1		24.91		25.5	0.5	
100	256QAM	1	1		23.01		23.5	2.5	
Channel				648668	650000	650334			
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	25.44	25.44	25.40	26.0	0.0	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	25.45	25.43	25.46	26.0	0.0	
Channel				649000	650000	651000			
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	25.45	25.50	25.52	26.0	0.0	
Channel				648668	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	25.48	25.41	25.47	26.0	0.0	
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	25.41	25.41	25.45	26.0	0.0	
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	25.45	25.42	25.47	26.0	0.0	
Channel				647668	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	25.48	25.49	25.48	26.0	0.0	
Channel				647500	650000	652500			
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	25.43	25.44	25.43	26.0	0.0	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	25.51	25.42	25.41	26.0	0.0	
Channel				647168	650000	652834			
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	25.49	25.46	25.52	26.0	0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3702	3750	3795			
10	QPSK	1	1	25.43	25.51	25.50	26.0	0.0	

Part27O n78 PC2 Ant10 DSI1									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				3760					
100	1/2 BPSK	1	1		27.41				
100	1/2 BPSK	1	137		27.49		29.0	0.0	
100	1/2 BPSK	1	271		27.42				
100	1/2 BPSK	135	0		27.09		28.5	0.5	
100	1/2 BPSK	135	69		27.51		29.0	0.0	
100	1/2 BPSK	135	138		27.13				
100	1/2 BPSK	270	0		27.04		28.5	0.5	
100	QPSK	1	1		27.53				
100	QPSK	1	137		27.49		29.0	0.0	
100	QPSK	1	271		27.38				
100	QPSK	135	0		26.52		28.0	1.0	
100	QPSK	135	69		27.42		29.0	0.0	
100	QPSK	135	138		26.53				
100	QPSK	270	0		26.58		28.0	1.0	
100	16QAM	1	1		26.41		28.0	1.0	
100	64QAM	1	1		25.03		26.5	2.5	
100	256QAM	1	1		23.00		24.5	4.5	
Channel									
Frequency (MHz)				64868		65000	65234		
90	QPSK	1	1	27.45	27.38	27.47	29.0	MPR	
Channel				64934		65000	65068		
80	QPSK	1	1	37.40	37.50	37.60	29.0	MPR	
Channel				3740		3750	3760		
80	QPSK	1	1	27.46	27.38	27.49	29.0	0.0	
Channel				43000		43000	43000		
70	QPSK	1	1	37.35	37.50	37.65	29.0	MPR	
Channel				3735		3750	3765		
70	QPSK	1	1	27.38	27.44	27.41	29.0	0.0	
Channel				64868		65000	65134		
60	QPSK	1	1	37.50	37.50	37.70	29.0	MPR	
Channel				3750		3750	3770		
60	QPSK	1	1	27.48	27.44	27.39	29.0	0.0	
Channel				43334		43334	43368		
50	QPSK	1	1	37.25	37.50	37.75	29.0	MPR	
Channel				3725		3750	3775		
50	QPSK	1	1	27.39	27.39	27.37	29.0	0.0	
Channel				64800		65000	65200		
40	QPSK	1	1	37.20	37.50	37.80	29.0	MPR	
Channel				3720		3750	3780		
40	QPSK	1	1	27.48	27.42	27.47	29.0	0.0	
Channel				64768		65000	65234		
30	QPSK	1	1	37.15	37.50	37.85	29.0	MPR	
Channel				3715		3750	3785		
30	QPSK	1	1	27.42	27.48	27.39	29.0	0.0	
Channel				64750		65000	65250		
25	QPSK	1	1	37.12	37.50	37.87	29.0	MPR	
Channel				3712		3750	3787		
25	QPSK	1	1	27.44	27.39	27.48	29.0	0.0	
Channel				64734		65000	65266		
20	QPSK	1	1	37.10	37.50	37.90	29.0	MPR	
Channel				3710		3750	3790		
20	QPSK	1	1	27.42	27.40	27.41	29.0	0.0	
Channel				64718		65000	65284		
15	QPSK	1	1	37.02	37.50	37.92	29.0	MPR	
Channel				3702		3750	3792		
15	QPSK	1	1	27.46	27.47	27.40	29.0	0.0	
Channel				64700		65000	65300		
10	QPSK	1	1	37.05	37.50	37.95	29.0	MPR	
Channel				3705		3750	3795		
10	QPSK	1	1	27.42	27.39	27.46	29.0	0.0	

Part27Q n78 PC2 Ant10 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			29.0	0.0	
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1	27.29			29.0	0.0	
100	1/2 BPSK	1	137	27.38					
100	1/2 BPSK	1	271	27.33			28.5	0.5	
100	1/2 BPSK	135	0	27.01					
100	1/2 BPSK	135	69	27.38			29.0	0.0	
100	1/2 BPSK	135	138	27.04					
100	1/2 BPSK	270	0	26.94			28.5	0.5	
100	QPSK	1	1	27.47					
100	QPSK	1	137	27.45			29.0	0.0	
100	QPSK	1	271	27.30					
100	QPSK	135	0	26.37			28.0	1.0	
100	QPSK	135	69	27.31					
100	QPSK	135	138	26.43			29.0	0.0	
100	QPSK	270	0	26.51					
100	16QAM	1	1	26.34			28.0	1.0	
100	64QAM	1	1	24.96					
100	256QAM	1	1	24.53			26.5	2.5	
Channel				633000	633334	633668			
Frequency (MHz)				3486	3500.01	3505.02	Tune up limit	MPR (dB)	
90	QPSK	1	1	27.40	27.34	27.37			
Channel				632668	633334	634000	Tune up limit	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	27.32	27.40	27.36	29.0	0.0	
Channel				632314	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01	Tune up limit	MPR (dB)	
70	QPSK	1	1	27.32	27.43	27.36			
Channel				632000	633334	634668	Tune up limit	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	27.33	27.42	27.33	29.0	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	Tune up limit	MPR (dB)	
50	QPSK	1	1	27.40	27.36	27.41			
Channel				631334	633334	635334	Tune up limit	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	27.42	27.37	27.42	29.0	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	Tune up limit	MPR (dB)	
30	QPSK	1	1	27.37	27.41	27.40			
Channel				630834	633334	635834	Tune up limit	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	27.38	27.37	27.37	29.0	0.0	
Channel				630568	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	Tune up limit	MPR (dB)	
20	QPSK	1	1	27.32	27.40	27.35			
Channel				630500	633334	636168	Tune up limit	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	27.37	27.43	27.32	29.0	0.0	
Channel				630384	633334	636342			
Frequency (MHz)				3455.01	3500.01	3545.01	Tune up limit	MPR (dB)	
10	QPSK	1	1	27.37	27.38	27.43			

Reduced Power Mode for DSI3_Main PA

n5 Ant0 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	25.29	25.29	25.29			
20	1/2 BPSK	1	53	25.31	25.28	25.24	25.7	0.0	
20	1/2 BPSK	1	104	25.11	25.13	25.14			
20	1/2 BPSK	50	0	24.69	24.70	24.63	25.2	0.5	
20	1/2 BPSK	50	28	25.28	25.32	25.26	25.7	0.0	
20	1/2 BPSK	50	56	24.62	24.72	24.63			
20	1/2 BPSK	100	0	24.82	24.77	24.82	25.2	0.5	
20	QPSK	1	1	25.29	25.33	25.27			
20	QPSK	1	53	25.32	25.32	25.24	25.7	0.0	
20	QPSK	1	104	25.13	25.09	25.09			
20	QPSK	50	0	24.23	24.27	24.26	24.7	1.0	
20	QPSK	50	28	25.20	25.23	25.21	25.7	0.0	
20	QPSK	50	56	24.15	24.08	24.08			
20	QPSK	100	0	24.26	24.29	24.28	24.7	1.0	
20	16QAM	1	1	24.16	24.15	24.20	24.7	1.0	
20	64QAM	1	1	22.63	22.62	22.60	23.2	2.5	
20	256QAM	1	1	20.49	20.51	20.56	21.2	4.5	
Channel				166300	167300	168300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	25.24	25.19	25.17	25.7	0.0	
Channel				165800	167300	168800	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	25.22	25.22	25.13	25.7	0.0	
Channel				165300	167300	169300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	25.14	25.26	25.21	25.7	0.0	

n12 Ant0 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	1/2 BPSK	1	1	25.39	25.39	25.48			
15	1/2 BPSK	1	40	25.41	25.43	25.38	25.7	0.0	
15	1/2 BPSK	1	77	25.32	25.35	25.29			
15	1/2 BPSK	36	0	24.88	24.83	24.89	25.2	0.5	
15	1/2 BPSK	36	22	25.43	25.39	25.45	25.7	0.0	
15	1/2 BPSK	36	43	24.84	24.80	24.79			
15	1/2 BPSK	75	0	24.93	24.99	24.90	25.2	0.5	
15	QPSK	1	1	25.47	25.52	25.48			
15	QPSK	1	40	25.48	25.43	25.38	25.7	0.0	
15	QPSK	1	77	25.33	25.24	25.26			
15	QPSK	36	0	24.37	24.46	24.43	24.7	1.0	
15	QPSK	36	22	25.44	25.47	25.43	25.7	0.0	
15	QPSK	36	43	24.33	24.27	24.23			
15	QPSK	75	0	24.48	24.52	24.45	24.7	1.0	
15	16QAM	1	1	24.26	24.37	24.32	24.7	1.0	
15	64QAM	1	1	22.84	22.73	22.82	23.2	2.5	
15	256QAM	1	1	20.71	20.73	20.66	21.2	4.5	
Channel				140800	141500	142200	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	25.41	25.46	25.43	25.7	0.0	
Channel				140300	141500	142700	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	25.32	25.43	25.40	25.7	0.0	

n26 Ant0 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	1/2 BPSK	1	1	25.34	25.35	25.33			
20	1/2 BPSK	1	53	25.25	25.30	25.28	25.7	0.0	
20	1/2 BPSK	1	104	25.19	25.11	25.09			
20	1/2 BPSK	50	0	24.74	24.66	24.76	25.2	0.5	
20	1/2 BPSK	50	28	25.29	25.27	25.36	25.7	0.0	
20	1/2 BPSK	50	56	24.68	24.74	24.73			
20	1/2 BPSK	100	0	24.78	24.79	24.79	25.2	0.5	
20	QPSK	1	1	25.35	25.39	25.37			
20	QPSK	1	53	25.36	25.33	25.27	25.7	0.0	
20	QPSK	1	104	25.14	25.14	25.09			
20	QPSK	50	0	24.32	24.28	24.22	24.7	1.0	
20	QPSK	50	28	25.29	25.34	25.31	25.7	0.0	
20	QPSK	50	56	24.05	24.09	24.09			
20	QPSK	100	0	24.35	24.36	24.29	24.7	1.0	
20	16QAM	1	1	24.15	24.19	24.11	24.7	1.0	
20	64QAM	1	1	22.59	22.59	22.58	23.2	2.5	
20	256QAM	1	1	20.48	20.46	20.53	21.2	4.5	
Channel				164300	166300	168300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	25.22	25.24	25.23	25.7	0.0	
Channel				163800	166300	168800	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	25.30	25.32	25.27	25.7	0.0	
Channel				163300	166300	169300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	25.24	25.33	25.33	25.7	0.0	

n71 Ant0 DSI3								
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel				136100			25.7	0.0
Frequency (MHz)				680.5				
35	1/2 BPSK	1	1	25.24				
35	1/2 BPSK	1	90	25.14				
35	1/2 BPSK	1	186	25.10			25.2	0.5
35	1/2 BPSK	90	0	24.60				
35	1/2 BPSK	90	45	25.20				
35	1/2 BPSK	90	90	24.58				
35	1/2 BPSK	180	0	24.70			25.7	0.0
35	QPSK	1	1	25.25				
35	QPSK	1	90	25.16				
35	QPSK	1	186	25.00				
35	QPSK	90	0	24.16			24.7	1.0
35	QPSK	90	45	25.21				
35	QPSK	90	90	24.06				
35	QPSK	180	0	24.23				
35	16QAM	1	1	24.04			24.7	1.0
35	64QAM	1	1	22.54				
35	256QAM	1	1	20.48				
Channel				135600	136100	136600	25.7	0.0
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	25.14	25.19	25.10		
Channel				135100	136100	137100	25.7	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	25.12	25.10	25.18		
Channel				134600	136100	137600	25.7	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	25.18	25.13	25.15		
Channel				134100	136100	138100	25.7	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	25.10	25.14	25.17		
Channel				133600	136100	138600	25.7	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	25.14	25.15	25.14		
Channel				133100	136100	139100	25.7	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	25.15	25.15	25.08		

n5 AnT1 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	21.48	21.52	21.44			
20	1/2 BPSK	1	53	21.50	21.50	21.43	21.7	0.0	
20	1/2 BPSK	1	104	21.42	21.55	21.41			
20	1/2 BPSK	50	0	21.51	21.57	21.48	21.7	0.0	
20	1/2 BPSK	50	28	21.42	21.51	21.43	21.7	0.0	
20	1/2 BPSK	50	56	21.42	21.46	21.39	21.7	0.0	
20	1/2 BPSK	100	0	21.51	21.49	21.43	21.7	0.0	
20	QPSK	1	1	21.41	21.65	21.46			
20	QPSK	1	53	21.50	21.55	21.48	21.7	0.0	
20	QPSK	1	104	21.45	21.52	21.43			
20	QPSK	50	0	21.51	21.48	21.45	21.7	0.0	
20	QPSK	50	28	21.50	21.55	21.42	21.7	0.0	
20	QPSK	50	56	21.52	21.54	21.46	21.7	0.0	
20	QPSK	100	0	21.43	21.50	21.39	21.7	0.0	
20	16QAM	1	1	21.51	21.54	21.48	21.7	0.0	
20	64QAM	1	1	21.45	21.48	21.46	21.7	0.0	
20	256QAM	1	1	21.06	21.10	21.00	21.2	0.5	
Channel				168200	167200	168200			
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	21.44	21.51	21.45	21.7	0.0	
Channel				165900	167300	168800			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	21.48	21.53	21.39	21.7	0.0	
Channel				163200	167200	168200			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	21.39	21.46	21.45	21.7	0.0	

n12 Ant1 DSI3									
BW [MHz]	Modulat- ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dB)		
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	1/2 BPSK	1	1	25.39	25.38	25.49			
15	1/2 BPSK	1	40	25.47	25.40	25.39	25.7	0.0	
15	1/2 BPSK	1	77	25.27	25.39	25.30			
15	1/2 BPSK	36	0	24.89	24.82	24.86	25.2	0.5	
15	1/2 BPSK	36	22	25.38	25.43	25.41	25.7	0.0	
15	1/2 BPSK	36	43	24.89	24.85	24.80		25.2	0.5
15	1/2 BPSK	75	0	24.89	24.94	24.93			
15	QPSK	1	1	25.54	25.63	25.57			
15	QPSK	1	40	25.53	25.41	25.40	25.7	0.0	
15	QPSK	1	77	25.35	25.30	25.32			
15	QPSK	36	0	24.36	24.41	24.37	24.7	1.0	
15	QPSK	36	22	25.51	25.58	25.49	25.7	0.0	
15	QPSK	36	43	24.33	24.31	24.28		24.7	1.0
15	QPSK	75	0	24.53	24.55	24.49			
15	16QAM	1	1	24.23	24.40	24.28	24.7	1.0	
15	64QAM	1	1	22.81	22.69	22.80	23.2	2.5	
15	256QAM	1	1	20.72	20.70	20.70	21.2	4.5	
Channel				140800	141500	142200	tune- up	MPR	
10	QPSK	1	1	704	707.5	711	25.7	0.0	(dB)
Channel				140300	141500	142700	tune- up	MPR	
5	QPSK	1	1	701.5	707.5	713.5	25.7	0.0	(dB)

n26 Ant1 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune- up limit (dBm)	MPR	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	1/2 BPSK	1	1	22.52	22.59	22.59			
20	1/2 BPSK	1	53	22.52	22.56	22.50	22.7	0.0	
20	1/2 BPSK	1	104	22.51	22.56	22.56			
20	1/2 BPSK	50	0	22.58	22.52	22.53	22.7	0.0	
20	1/2 BPSK	50	28	22.54	22.63	22.51	22.7	0.0	
20	1/2 BPSK	50	56	22.53	22.55	22.56			
20	1/2 BPSK	100	0	22.50	22.57	22.51	22.7	0.0	
20	QPSK	1	1	22.58	22.65	22.56			
20	QPSK	1	53	22.49	22.54	22.52	22.7	0.0	
20	QPSK	1	104	22.55	22.60	22.60			
20	QPSK	50	0	22.52	22.63	22.58	22.7	0.0	
20	QPSK	50	28	22.53	22.54	22.58	22.7	0.0	
20	QPSK	50	56	22.52	22.55	22.51			
20	QPSK	100	0	22.49	22.60	22.56	22.7	0.0	
20	16QAM	1	1	22.55	22.52	22.53	22.7	0.0	
20	64QAM	1	1	22.54	22.60	22.57	22.7	0.0	
20	256QAM	1	1	21.06	21.08	21.09	21.2	1.5	
Channel				164300	166300	168300			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	22.48	22.52	22.47	22.7	0.0	
Channel				163800	166300	168800			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	22.50	22.43	22.51	22.7	0.0	
Channel				163300	166300	169300			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	22.44	22.41	22.52	22.7	0.0	

n71 Ant1 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				136100					
Frequency (MHz)				680.5					
35	1/2 BPSK	1	1		25.24				
35	1/2 BPSK	1	90		25.18		25.7	0.0	
35	1/2 BPSK	1	186		25.18				
35	1/2 BPSK	90	0		24.69		25.2	0.5	
35	1/2 BPSK	90	45		25.19		25.7	0.0	
35	1/2 BPSK	90	90		24.55		25.2	0.5	
35	1/2 BPSK	180	0		24.82		25.2	0.5	
35	QPSK	1	1		25.32				
35	QPSK	1	90		25.24		25.7	0.0	
35	QPSK	1	186		25.10				
35	QPSK	90	0		24.25		24.7	1.0	
35	QPSK	90	45		25.28		25.7	0.0	
35	QPSK	90	90		24.10				
35	QPSK	180	0		24.24		24.7	1.0	
35	16QAM	1	1		24.18		24.7	1.0	
35	64QAM	1	1		22.47		23.2	2.5	
35	256QAM	1	1		20.55		21.2	4.5	
Channel				135600	136100	136600	136100	MPR	
Frequency (MHz)				678	680.5	683	680.5	(dB)	
30	QPSK	1	1	25.21	25.16	25.23	25.7	0.0	
Channel				135100	136100	137100	136100	MPR	
Frequency (MHz)				675.5	680.5	685.5	680.5	(dB)	
25	QPSK	1	1	25.17	25.19	25.22	25.7	0.0	
Channel				134600	136100	137600	136100	MPR	
Frequency (MHz)				673	680.5	688	680.5	(dB)	
20	QPSK	1	1	25.21	25.19	25.19	25.7	0.0	
Channel				134100	136100	138100	136100	MPR	
Frequency (MHz)				670.5	680.5	690.5	680.5	(dB)	
15	QPSK	1	1	25.19	25.25	25.19	25.7	0.0	
Channel				133600	136100	138600	136100	MPR	
Frequency (MHz)				668	680.5	693	680.5	(dB)	
10	QPSK	1	1	25.22	25.26	25.25	25.7	0.0	
Channel				133100	136100	139100	136100	MPR	
Frequency (MHz)				665.5	680.5	695.5	680.5	(dB)	
5	QPSK	1	1	25.18	25.17	25.26	25.7	0.0	

n2 Ant5 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	1/2 BPSK	1	1	22.31	22.50	22.29			
40	1/2 BPSK	1	108	22.33	22.55	22.34	23.0	0.0	
40	1/2 BPSK	1	214	22.33	22.53	22.29			
40	1/2 BPSK	108	0	22.35	22.54	22.29	23.0	0.0	
40	1/2 BPSK	108	54	22.31	22.52	22.29	23.0	0.0	
40	1/2 BPSK	108	108	22.32	22.54	22.34			
40	1/2 BPSK	216	0	22.31	22.54	22.33	23.0	0.0	
40	QPSK	1	1	22.32	22.61	22.29			
40	QPSK	1	108	22.36	22.52	22.30	23.0	0.0	
40	QPSK	1	214	22.32	22.51	22.35			
40	QPSK	108	0	22.34	22.51	22.30	23.0	0.0	
40	QPSK	108	54	22.32	22.56	22.34	23.0	0.0	
40	QPSK	108	108	22.31	22.50	22.30			
40	QPSK	216	0	22.31	22.55	22.29	23.0	0.0	
40	16QAM	1	1	22.34	22.55	22.35	23.0	0.0	
40	64QAM	1	1	21.79	22.07	21.79	22.5	0.5	
40	256QAM	1	1	19.61	20.03	19.79	20.5	2.5	
Channel				373500	376000	378500			
Frequency (MHz)				1887.5	1880	1892.5			
35	QPSK	1	1	22.21	22.46	22.20	23.0	0.0	
Channel				373000	376000	378000			
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	22.25	22.46	22.16	23.0	0.0	
Channel				372500	376000	378500			
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	22.21	22.44	22.21	23.0	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1820	1820	1820			
20	QPSK	1	1	22.19	22.43	22.17	23.0	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	22.22	22.46	22.21	23.0	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1850	1805			
10	QPSK	1	1	22.20	22.44	22.17	23.0	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	22.21	22.42	22.20	23.0	0.0	

n7 Ant5 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				50500	50700	50900			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	20.23	20.21	20.17			
50	1/2 BPSK	1	135	20.26	20.25	20.20	20.5	0.0	
50	1/2 BPSK	1	268	20.18	20.21	20.25			
50	1/2 BPSK	135	0	20.22	20.23	20.22	20.5	0.0	
50	1/2 BPSK	135	68	20.22	20.22	20.20	20.5	0.0	
50	1/2 BPSK	135	135	20.25	20.26	20.19			
50	1/2 BPSK	270	0	20.21	20.26	20.15	20.5	0.0	
50	QPSK	1	1	20.20	20.31	20.20			
50	QPSK	1	135	20.24	20.24	20.15	20.5	0.0	
50	QPSK	1	268	20.18	20.21	20.22			
50	QPSK	135	0	20.21	20.23	20.21	20.5	0.0	
50	QPSK	135	68	20.24	20.26	20.25	20.5	0.0	
50	QPSK	135	135	20.21	20.23	20.21			
50	QPSK	270	0	20.18	20.26	20.18	20.5	0.0	
50	16QAM	1	1	20.18	20.21	20.20	20.5	0.0	
50	64QAM	1	1	20.19	20.27	20.19	20.5	0.0	
50	256QAM	1	1	20.25	20.26	20.25	20.5	0.0	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	20.04	20.26	20.15	20.5	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	20.08	20.18	20.05	20.5	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	20.08	20.23	20.15	20.5	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	20.12	20.17	20.04	20.5	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	20.14	20.24	20.11	20.5	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	20.10	20.26	20.12	20.5	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	20.06	20.22	20.04	20.5	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	20.05	20.16	20.06	20.5	0.0	

n25 Ant5 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	22.92	22.96	22.89			
40	1/2 BPSK	1	108	22.88	22.95	22.92	23.5	0.0	0.0
40	1/2 BPSK	1	214	22.94	22.94	22.86			
40	1/2 BPSK	108	0	22.95	22.93	22.92	23.5	0.0	0.0
40	1/2 BPSK	108	54	22.84	22.97	22.86	23.5	0.0	0.0
40	1/2 BPSK	108	108	22.86	22.91	22.87			
40	1/2 BPSK	216	0	22.94	22.91	22.88	23.5	0.0	0.0
40	QPSK	1	1	22.87	22.98	22.90			
40	QPSK	1	108	22.90	22.94	22.88	23.5	0.0	0.0
40	QPSK	1	214	22.89	22.92	22.92			
40	QPSK	108	0	22.93	22.91	22.94	23.5	0.0	0.0
40	QPSK	108	54	22.86	22.96	22.94	23.5	0.0	0.0
40	QPSK	108	108	22.95	22.94	22.88			
40	QPSK	216	0	22.87	22.95	22.91	23.5	0.0	0.0
40	16QAM	1	1	21.88	22.91	22.92	23.5	0.0	0.0
40	64QAM	1	1	21.82	21.92	21.91	22.5	1.0	1.0
40	256QAM	1	1	19.86	19.99	19.97	20.5	3.0	3.0
Channel				373500	376500	379500			
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	22.75	22.83	22.79	23.5	0.0	0.0
Channel				373000	376500	380000			
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	22.77	22.88	22.75	23.5	0.0	0.0
Channel				372500	376500	380500			
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	22.79	22.87	22.82	23.5	0.0	0.0
Channel				372000	376500	381000			
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	22.79	22.89	22.85	23.5	0.0	0.0
Channel				371500	376500	381500			
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	22.71	22.87	22.76	23.5	0.0	0.0
Channel				371000	376500	382000			
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	22.72	22.98	22.80	23.5	0.0	0.0
Channel				370500	376500	382500			
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	22.72	22.83	22.83	23.5	0.0	0.0

n38 Ant5 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516034	516000	516996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	20.83	20.90	20.90			
40	1/2 BPSK	1	53	20.85	20.93	20.82	21.2	0.0	
40	1/2 BPSK	1	104	20.86	20.92	20.83			
40	1/2 BPSK	50	0	20.80	20.84	20.83	21.2	0.0	
40	1/2 BPSK	50	25	20.86	20.91	20.87	21.2	0.0	
40	1/2 BPSK	50	56	20.81	20.86	20.80			
40	1/2 BPSK	100	0	20.81	20.85	20.81	21.2	0.0	
40	QPSK	1	1	20.81	20.84	20.79			
40	QPSK	1	53	20.80	20.88	20.87	21.2	0.0	
40	QPSK	1	104	20.88	20.83	20.82			
40	QPSK	50	0	20.84	20.91	20.88	21.2	0.0	
40	QPSK	50	25	20.90	20.93	20.82	21.2	0.0	
40	QPSK	50	56	20.83	20.84	20.80			
40	QPSK	100	0	20.89	20.93	20.88	21.2	0.0	
40	16QAM	1	1	20.86	20.89	20.79	21.2	0.0	
40	64QAM	1	1	20.85	20.90	20.85	21.2	0.0	
40	256QAM	1	1	20.84	20.83	20.85	21.2	0.0	
Channel				517002	516000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	20.86	20.86	20.75	21.2	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	20.69	20.83	20.72	21.2	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	20.76	20.80	20.66	21.2	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	20.70	20.85	20.72	21.2	0.0	
Channel				516000	519000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	20.67	20.84	20.65	21.2	0.0	

n41 Ant5 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	20.61	20.55	20.52			
100	1/2 BPSK	1	137	20.57	20.56	20.48	21.0	0.0	
100	1/2 BPSK	1	271	20.53	20.54	20.52			
100	1/2 BPSK	135	0	20.51	20.57	20.50	21.0	0.0	
100	1/2 BPSK	135	69	20.56	20.57	20.50	21.0	0.0	
100	1/2 BPSK	135	138	20.55	20.61	20.52			
100	1/2 BPSK	270	0	20.50	20.62	20.59	21.0	0.0	
100	QPSK	1	1	20.53	20.70	20.52			
100	QPSK	1	137	20.51	20.62	20.53	21.0	0.0	
100	QPSK	1	271	20.52	20.55	20.50			
100	QPSK	135	0	20.57	20.62	20.53	21.0	0.0	
100	QPSK	135	69	20.61	20.66	20.52	21.0	0.0	
100	QPSK	135	138	20.57	20.62	20.51			
100	QPSK	270	0	20.53	20.63	20.58	21.0	0.0	
100	16QAM	1	1	20.58	20.60	20.58	21.0	0.0	
100	64QAM	1	1	20.52	20.62	20.52	21.0	0.0	
100	256QAM	1	1	20.58	20.60	20.45	21.0	0.0	
Channel				520000	518598	523996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	20.46	20.72	20.44	21.0	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	20.45	20.69	20.37	21.0	0.0	
Channel				520000	518598	521000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	20.44	20.66	20.39	21.0	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	20.43	20.69	20.41	21.0	0.0	
Channel				520000	518598	532996			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	20.44	20.72	20.45	21.0	0.0	
Channel				503700	518598	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	20.46	20.68	20.46	21.0	0.0	
Channel				520000	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	20.41	20.64	20.43	21.0	0.0	
Channel				502704	518598	534498			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	20.47	20.64	20.46	21.0	0.0	
Channel				520000	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	20.46	20.69	20.39	21.0	0.0	
Channel				501702	518598	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	20.37	20.73	20.41	21.0	0.0	
Channel				520000	518598	535996			
Frequency (MHz)				2506.52	2592.99	2679.99			
20	QPSK	1	1	20.41	20.72	20.44	21.0	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	20.39	20.67	20.40	21.0	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.51	2592.99	2685			
10	QPSK	1	1	20.45	20.73	20.39	21.0	0.0	

n48 Ant5 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	17.83	17.82	17.81			
40	1/2 BPSK	1	53	17.87	17.91	17.85	19.0		0.0
40	1/2 BPSK	1	104	17.81	17.82	17.81			
40	1/2 BPSK	50	0	17.85	17.92	17.79	19.0		0.0
40	1/2 BPSK	50	25	17.82	17.90	17.79	19.0		0.0
40	1/2 BPSK	50	56	17.85	17.91	17.78			
40	1/2 BPSK	100	0	17.84	17.91	17.74	19.0		0.0
40	QPSK	1	1	17.83	17.94	17.77			
40	QPSK	1	53	17.86	17.84	17.80	19.0		0.0
40	QPSK	1	104	17.76	17.89	17.80			
40	QPSK	50	0	17.86	17.85	17.81	19.0		0.0
40	QPSK	50	25	17.80	17.91	17.84	19.0		0.0
40	QPSK	50	56	17.76	17.89	17.74			
40	QPSK	100	0	17.88	17.89	17.75	19.0		0.0
40	16QAM	1	1	17.76	17.80	17.76	19.0		0.0
40	64QAM	1	1	17.77	17.86	17.79	19.0		0.0
40	256QAM	1	1	17.82	17.82	17.51	19.0		0.0
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	17.72	17.82	17.63	19.0		0.0
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	17.74	17.83	17.72	19.0		0.0
Channel				637168	641666	645166			
Frequency (MHz)				3558.01	3624.99	367166			
15	QPSK	1	1	17.71	17.83	17.65	19.0		0.0
Channel				637020	641666	645332			
Frequency (MHz)				3555	3624.99	3664.98			
10	QPSK	1	1	17.72	17.83	17.71	19.0		0.0

Part270 n77 PC2 Ant5 DS13									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3760	3840	3920			
100	1/2 BPSK	1	1	21.29	21.34	21.35			
100	1/2 BPSK	1	137	21.36	21.42	21.19	21.5	0.0	
100	1/2 BPSK	1	271	21.26	21.37	21.26			
100	1/2 BPSK	135	0	21.33	21.29	21.31	21.5	0.0	
100	1/2 BPSK	135	69	21.27	21.42	21.26	21.5	0.0	
100	1/2 BPSK	135	138	21.24	21.30	21.26		21.5	0.0
100	1/2 BPSK	270	0	21.32	21.46	21.17	21.5		
100	QPSK	1	1	21.28	21.46	21.17			
100	QPSK	1	137	21.38	21.34	21.29	21.5		
100	QPSK	1	271	21.33	21.31	21.23			
100	QPSK	135	0	21.27	21.26	21.31	21.5	0.0	
100	QPSK	135	69	21.33	21.41	21.33	21.5	0.0	
100	QPSK	135	138	21.35	21.39	21.34		21.5	0.0
100	QPSK	270	0	21.29	21.38	21.31	21.5		
100	16QAM	1	1	21.32	21.40	21.29	21.5		
100	64QAM	1	1	21.41	21.34	21.32	21.5	0.0	
100	256QAM	1	1	21.34	21.34	21.29	21.5	0.0	
Channel				648668	650000	662334	MPR up (dB)		
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	21.39	21.42	21.37	21.5	0.0	
Channel				649334	650000	662668	MPR up (dB)		
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	21.41	21.35	21.36	21.5	0.0	
Channel				649000	650000	663000	MPR up (dB)		
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.42	21.34	21.31	21.5	0.0	
Channel				648668	650000	663334	MPR up (dB)		
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	21.39	21.40	21.40	21.5	0.0	
Channel				648334	650000	663668	MPR up (dB)		
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.32	21.35	21.34	21.5	0.0	
Channel				648000	650000	664000	MPR up (dB)		
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	21.34	21.42	21.34	21.5	0.0	
Channel				647668	650000	664334	MPR up (dB)		
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	21.31	21.30	21.40	21.5	0.0	
Channel				647500	650000	664500	MPR up (dB)		
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	21.35	21.35	21.35	21.5	0.0	
Channel				647334	650000	664834	MPR up (dB)		
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	21.32	21.32	21.39	21.5	0.0	
Channel				647168	650000	664834	MPR up (dB)		
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	21.38	21.31	21.41	21.5	0.0	
Channel				647000	650000	665000	MPR up (dB)		
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	21.41	21.32	21.39	21.5	0.0	

Part27Q n77 Ant5 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		17.14				
100	1/2 BPSK	1	137		17.10		18.0	0.0	
100	1/2 BPSK	1	271		17.08				
100	1/2 BPSK	135	0		17.14		18.0	0.0	
100	1/2 BPSK	135	69		17.15		18.0	0.0	
100	1/2 BPSK	135	138		17.06				
100	1/2 BPSK	270	0		17.14		18.0	0.0	
100	QPSK	1	1		17.18				
100	QPSK	1	137		17.16		18.0	0.0	
100	QPSK	1	271		17.08				
100	QPSK	135	0		17.15		18.0	0.0	
100	QPSK	135	69		17.15		18.0	0.0	
100	QPSK	135	138		17.12				
100	QPSK	270	0		17.14		18.0	0.0	
100	16QAM	1	1		17.12		18.0	0.0	
100	64QAM	1	1		17.14		18.0	0.0	
100	256QAM	1	1		17.07		18.0	0.0	
Channel				633000	633334	633668	MPR up (dB)		
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	17.04	17.08	17.10	18.0	0.0	
Channel				632668	633334	634000	MPR up (dB)		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	17.11	17.00	17.11	18.0	0.0	
Channel				632334	633334	634334	MPR up (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	17.03	17.06	17.01	18.0	0.0	
Channel				632000	633334	634668	MPR up (dB)		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	17.05	17.06	17.11	18.0	0.0	
Channel				631668	633334	635000	MPR up (dB)		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	17.10	17.01	17.02	18.0	0.0	
Channel				631334	633334	635334	MPR up (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	17.06	17.08	17.03	18.0	0.0	
Channel				631000	633334	635668	MPR up (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	17.09	17.03	17.06	18.0	0.0	
Channel				630634	633334	635834	MPR up (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	17.08	17.06	17.00	18.0	0.0	
Channel				630500	633334	635900	MPR up (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	17.01	17.04	17.00	18.0	0.0	
Channel				630500	633334	636168	MPR up (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	17.11	17.09	17.00	18.0	0.0	
Channel				630334	633334	636334	MPR up (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	17.11	17.10	17.07	18.0	0.0	

Part27Q n77 PC2 Ant5 DSI3									
BW	Modulat	RB Size	RB	Power	Power	Power	Tune-		
[MHz]	ion		Offset	Low	Middle	High	up		
				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	limit	(dBm)	MPR
					3500.01				
	Channel				3500.01				
	Frequency (MHz)								
100	1/2 BPSK	1	1		20.67			21.5	0.0
100	1/2 BPSK	1	137		20.59			21.5	0.0
100	1/2 BPSK	1	271		20.56			21.5	0.0
100	1/2 BPSK	135	0		20.65			21.5	0.0
100	1/2 BPSK	135	69		20.70			21.5	0.0
100	1/2 BPSK	135	138		20.58			21.5	0.0
100	1/2 BPSK	270	0		20.62			21.5	0.0
100	QPSK	1	1		20.71				
100	QPSK	1	137		20.67			21.5	0.0
100	QPSK	1	271		20.62				
100	QPSK	135	0		20.60			21.5	0.0
100	QPSK	135	69		20.65			21.5	0.0
100	QPSK	135	138		20.63			21.5	0.0
100	QPSK	270	0		20.67			21.5	0.0
100	16QAM	1	1		20.66			21.5	0.0
100	64QAM	1	1		20.65			21.5	0.0
100	256QAM	1	1		20.62			21.5	0.0
	Channel				3500.01	3538.88			
	Frequency (MHz)				3495	3500.01	3505.92		
90	QPSK	1	1	20.63	20.55	20.61	21.5		
	Channel				3538.88	3533.54	3540.00		
	Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.56	20.65	20.63	21.5		
	Channel				3538.88	3533.54	3535		
	Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.61	20.64	20.65	21.5		
	Channel				3538.88	3533.54	3546.68		
	Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.64	20.60	20.59	21.5		
	Channel				3538.88	3533.54	3535.00		
	Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.63	20.65	20.64	21.5		
	Channel				3538.88	3533.54	3533.54		
	Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.59	20.62	20.61	21.5		
	Channel				3538.88	3533.54	3535.00		
	Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.66	20.66	20.62	21.5		
	Channel				3538.88	3533.54	3535.84		
	Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.57	20.66	20.63	21.5		
	Channel				3538.88	3533.54	3535.84		
	Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.59	20.62	20.60	21.5		
	Channel				3538.88	3533.54	3536.16		
	Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.59	20.68	20.61	21.5		
	Channel				3538.88	3533.54	3533.54		
	Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.60	20.59	20.59	21.5		

Part270 n78 PC2 Ant5 DSI3									
BW MHz	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1		21.02			21.5	0.0
100	1/2 BPS	1	137		20.97				
100	1/2 BPS	1	271		21.00			21.5	0.0
100	1/2 BPS	135	0		20.90				
100	1/2 BPS	135	69		20.99			21.5	0.0
100	1/2 BPS	135	138		20.93				
100	1/2 BPS	270	0		21.03			21.5	0.0
100	QPSK	1	1		21.11				
100	QPSK	1	137		21.09			21.5	0.0
100	QPSK	1	271		20.96				
100	QPSK	135	0		21.00			21.5	0.0
100	QPSK	135	69		21.02				
100	QPSK	135	138		20.96			21.5	0.0
100	QPSK	270	0		20.90				
100	16QAM	1	1		20.91			21.5	0.0
100	64QAM	1	1		20.90				
100	256QAM	1	1		21.06			21.5	0.0
Channel				648668	650000	650334	up		
Frequency (MHz)				3745.02	3750	3755.01	up	MPR (dB)	
90	QPSK	1	1	20.98	21.05	20.95	21.5	0.0	0.0
Channel				649334	650000	650668	up		
Frequency (MHz)				3740.01	3750	3760.02	up	MPR (dB)	
80	QPSK	1	1	21.04	20.99	20.98	21.5	0.0	0.0
Channel				649000	650000	651000	up		
Frequency (MHz)				3735	3750	3765	up	MPR (dB)	
70	QPSK	1	1	21.01	21.01	20.95	21.5	0.0	0.0
Channel				648668	650000	651334	up		
Frequency (MHz)				3730.02	3750	3770.01	up	MPR (dB)	
60	QPSK	1	1	21.06	21.06	21.06	21.5	0.0	0.0
Channel				648334	650000	651668	up		
Frequency (MHz)				3725.01	3750	3775.02	up	MPR (dB)	
50	QPSK	1	1	20.97	21.06	21.02	21.5	0.0	0.0
Channel				648000	650000	652000	up		
Frequency (MHz)				3720	3750	3780	up	MPR (dB)	
40	QPSK	1	1	20.99	21.01	21.01	21.5	0.0	0.0
Channel				647668	650000	652334	up		
Frequency (MHz)				3715.02	3750	3785.01	up	MPR (dB)	
30	QPSK	1	1	21.00	20.96	21.05	21.5	0.0	0.0
Channel				647500	650000	652500	up		
Frequency (MHz)				3712.5	3750	3787.5	up	MPR (dB)	
25	QPSK	1	1	21.02	21.02	21.02	21.5	0.0	0.0
Channel				647334	650000	652668	up		
Frequency (MHz)				3710.01	3750	3790.02	up	MPR (dB)	
20	QPSK	1	1	21.03	21.06	20.96	21.5	0.0	0.0
Channel				647168	650000	652834	up		
Frequency (MHz)				3707.52	3750	3792.51	up	MPR (dB)	
15	QPSK	1	1	21.04	20.96	21.01	21.5	0.0	0.0
Channel				647000	650000	653000	up		
Frequency (MHz)				3705	3750	3795	up	MPR (dB)	
10	QPSK	1	1	20.96	21.05	20.96	21.5	0.0	0.0
Channel									

Part27Q n78 Ant5 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		17.38		18.0	0.0	
100	1/2 BPS	1	137		17.33				
100	1/2 BPS	1	271		17.34		18.0	0.0	
100	1/2 BPS	135	0		17.31				
100	1/2 BPS	135	69		17.38		18.0	0.0	
100	1/2 BPS	138	138		17.33				
100	1/2 BPS	270	0		17.47		18.0	0.0	
100	QPSK	1	1		17.50				
100	QPSK	1	137		17.40		18.0	0.0	
100	QPSK	1	271		17.44				
100	QPSK	135	0		17.37		18.0	0.0	
100	QPSK	135	69		17.42				
100	QPSK	135	138		17.36		18.0	0.0	
100	QPSK	270	0		17.39				
100	16QAM	1	1		17.29		18.0	0.0	
100	64QAM	1	1		17.38				
100	256QAM	1	1		17.43		18.0	0.0	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	17.42	17.46	17.44	18.0		
Channel				632668	633334	634000	up		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	17.39	17.37	17.39	18.0		
Channel				632334	633334	634334	up		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	17.41	17.40	17.40	18.0		
Channel				632000	633334	634668	up		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	17.35	17.35	17.44	18.0		
Channel				631668	633334	635000	up		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	17.38	17.42	17.46	18.0		
Channel				631334	633334	635334	up		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	17.35	17.39	17.39	18.0		
Channel				631000	633334	635668	up		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	17.40	17.42	17.44	18.0		
Channel				630834	633334	635834	up		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	17.40	17.34	17.38	18.0		
Channel				630668	633334	636000	up		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	17.44	17.38	17.45	18.0		
Channel				630500	633334	636168	up		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	17.39	17.41	17.43	18.0		
Channel				630334	633334	636334	up		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	17.37	17.43	17.35	18.0		
Channel									

Part27Q n78 PC2 Ant5 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		20.89		21.5	0.0	
100	1/2 BPS	1	137		20.82				
100	1/2 BPS	1	271		20.85		21.5	0.0	
100	1/2 BPS	135	0		20.75				
100	1/2 BPS	135	69		20.83		21.5	0.0	
100	1/2 BPS	135	138		20.87				
100	1/2 BPS	270	0		20.87		21.5	0.0	
100	QPSK	1	1		21.03				
100	QPSK	1	137		20.94		21.5	0.0	
100	QPSK	1	271		20.82				
100	QPSK	135	0		20.92		21.5	0.0	
100	QPSK	135	69		20.83				
100	QPSK	135	138		20.87		21.5	0.0	
100	QPSK	270	0		20.83				
100	16QAM	1	1		20.80		21.5	0.0	
100	64QAM	1	1		20.83				
100	256QAM	1	1		20.95		21.5	0.0	
Channel				633500		633534			
Frequency (MHz)				3486		3500.01		3514.01	
90	QPSK	1	1	20.89	20.97	20.94	21.5	0.0	
Channel				632668		633334		634000	
Frequency (MHz)				3460.02		3500.01		3510	
80	QPSK	1	1	20.89	20.93	20.92	21.5	0.0	
Channel				632328		632994		633659	
Frequency (MHz)				3485.01		3500.01		3515.01	
70	QPSK	1	1	20.94	20.96	20.93	21.5	0.0	
Channel				632000		633334		634668	
Frequency (MHz)				3480		3500.01		3520.02	
60	QPSK	1	1	20.92	20.99	20.95	21.5	0.0	
Channel				631668		632334		633000	
Frequency (MHz)				3475.02		3500.01		3505	
50	QPSK	1	1	20.97	20.99	20.94	21.5	0.0	
Channel				631334		633334		635334	
Frequency (MHz)				3470.01		3500.01		3530.01	
40	QPSK	1	1	20.88	20.98	20.98	21.5	0.0	
Channel				631000		632334		633668	
Frequency (MHz)				3465		3500.01		3535.02	
30	QPSK	1	1	20.90	20.98	20.92	21.5	0.0	
Channel				630834		633334		635834	
Frequency (MHz)				3462.51		3500.01		3537.51	
25	QPSK	1	1	20.88	20.95	20.92	21.5	0.0	
Channel				630500		632334		634500	
Frequency (MHz)				3460.02		3500.01		3540	
20	QPSK	1	1	20.96	20.97	20.93	21.5	0.0	
Channel				630500		633334		636168	
Frequency (MHz)				3457.5		3500.01		3542.52	
15	QPSK	1	1	20.90	20.89	20.83	21.5	0.0	
Channel				630334		633334		636334	
Frequency (MHz)				3455.01		3500.01		3545.01	
10	QPSK	1	1	20.92	20.94	20.88	21.5	0.0	

n2 Ant4 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	1/2 BPSK	1	1	19.60	19.68	19.61			
40	1/2 BPSK	1	108	19.66	19.66	19.57	20.9	0.0	
40	1/2 BPSK	1	214	19.65	19.62	19.64			
40	1/2 BPSK	108	0	19.67	19.62	19.57	20.9	0.0	
40	1/2 BPSK	108	54	19.67	19.70	19.60	20.9	0.0	
40	1/2 BPSK	108	108	19.66	19.69	19.58			
40	1/2 BPSK	216	0	19.59	19.62	19.63	20.9	0.0	
40	QPSK	1	1	19.61	19.75	19.60			
40	QPSK	1	108	19.61	19.66	19.66	20.9	0.0	
40	QPSK	1	214	19.59	19.60	19.66			
40	QPSK	108	0	19.68	19.61	19.59	20.9	0.0	
40	QPSK	108	54	19.63	19.69	19.56	20.9	0.0	
40	QPSK	108	108	19.63	19.67	19.59			
40	QPSK	216	0	19.65	19.68	19.58	20.9	0.0	
40	16QAM	1	1	19.59	19.67	19.61	20.9	0.0	
40	64QAM	1	1	18.61	18.78	18.58	19.9	1.0	
40	256QAM	1	1	16.67	16.70	16.55	17.9	3.0	
Channel				373500	376000	378500			
Frequency (MHz)				1887.5	1880	1892.5			
35	QPSK	1	1	19.52	19.62	19.52	20.9	0.0	
Channel				373000	376000	378000			
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	19.49	19.67	19.48	20.9	0.0	
Channel				372500	376000	378500			
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	19.49	19.59	19.47	20.9	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1870	1870	1900			
20	QPSK	1	1	19.48	19.63	19.53	20.9	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	19.45	19.65	19.52	20.9	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1865	1870	1905			
10	QPSK	1	1	19.50	19.67	19.45	20.9	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	19.54	19.59	19.46	20.9	0.0	

n7 Ant4 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	18.71	18.83	18.71			
50	1/2 BPSK	1	135	18.75	18.85	18.65	19.8	0.0	
50	1/2 BPSK	1	268	18.77	18.76	18.69			
50	1/2 BPSK	135	0	18.78	18.75	18.64	19.8	0.0	
50	1/2 BPSK	135	68	18.80	18.79	18.68	19.8	0.0	
50	1/2 BPSK	135	135	18.72	18.78	18.65			
50	1/2 BPSK	270	0	18.75	18.80	18.73	19.8	0.0	
50	QPSK	1	1	18.78	18.90	18.65			
50	QPSK	1	135	18.73	18.82	18.67	19.8	0.0	
50	QPSK	1	268	18.78	18.85	18.67			
50	QPSK	135	0	18.71	18.79	18.70	19.8	0.0	
50	QPSK	135	68	18.71	18.85	18.69	19.8	0.0	
50	QPSK	135	135	18.70	18.84	18.68			
50	QPSK	270	0	18.75	18.79	18.66	19.8	0.0	
50	16QAM	1	1	18.79	18.81	18.71	19.8	0.0	
50	64QAM	1	1	18.74	18.81	18.71	19.8	0.0	
50	256QAM	1	1	16.72	16.81	16.65	19.8	0.0	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	18.72	18.84	18.55	19.8	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	18.71	18.86	18.50	19.8	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	18.65	18.89	18.51	19.8	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	18.67	18.89	18.50	19.8	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	18.65	18.91	18.52	19.8	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.64	18.94	18.50	19.8	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	18.63	18.94	18.56	19.8	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	18.63	18.84	18.59	19.8	0.0	

n25 Ant4 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	19.76	19.78	19.82			
40	1/2 BPSK	1	108	19.76	19.81	19.74	20.9	0.0	
40	1/2 BPSK	1	214	19.73	19.82	19.78			
40	1/2 BPSK	108	0	19.71	19.76	19.72	20.9	0.0	
40	1/2 BPSK	108	54	19.79	19.77	19.80	20.9	0.0	
40	1/2 BPSK	108	108	19.70	19.81	19.75	20.9	0.0	
40	1/2 BPSK	216	0	19.73	19.75	19.78			
40	QPSK	1	1	19.68	19.83	19.80			
40	QPSK	1	108	19.70	19.75	19.78	20.9	0.0	
40	QPSK	1	214	19.77	19.78	19.72			
40	QPSK	108	0	19.70	19.75	19.78	20.9	0.0	
40	QPSK	108	54	19.70	19.81	19.80	20.9	0.0	
40	QPSK	108	108	19.69	19.80	19.72			
40	QPSK	216	0	19.70	19.79	19.74	20.9	0.0	
40	16QAM	1	1	19.69	19.76	19.73	20.9	0.0	
40	64QAM	1	1	18.66	18.89	18.77	19.9	1.0	
40	256QAM	1	1	16.64	16.85	16.64	17.9	3.0	
Channel				373500	376500	379500			
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	19.63	19.68	19.66	20.9	0.0	
Channel				373000	376500	380000			
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	19.55	19.76	19.66	20.9	0.0	
Channel				372500	376500	380500			
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	19.60	19.68	19.71	20.9	0.0	
Channel				372000	376500	381000			
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	19.58	19.74	19.65	20.9	0.0	
Channel				371500	376500	381500			
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	19.56	19.68	19.70	20.9	0.0	
Channel				371000	376500	382000			
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	19.50	19.74	19.65	20.9	0.0	
Channel				370500	376500	382500			
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	19.53	19.76	19.70	20.9	0.0	

n38 Ant4 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2580.02	2595	2599.98			
40	1/2 BPSK	1	1	19.52	19.60	19.46			
40	1/2 BPSK	1	53	19.59	19.64	19.55	20.6	0.0	
40	1/2 BPSK	1	104	19.59	19.61	19.45			
40	1/2 BPSK	50	0	19.60	19.58	19.57	20.6	0.0	
40	1/2 BPSK	50	26	19.52	19.55	19.54	20.6	0.0	
40	1/2 BPSK	50	56	19.57	19.59	19.54	20.6	0.0	
40	1/2 BPSK	100	0	19.52	19.60	19.47			
40	QPSK	1	1	19.52	19.65	19.47			
40	QPSK	1	53	19.59	19.61	19.57	20.6	0.0	
40	QPSK	1	104	19.57	19.62	19.45			
40	QPSK	50	0	19.59	19.56	19.49	20.6	0.0	
40	QPSK	50	26	19.54	19.64	19.47	20.6	0.0	
40	QPSK	50	56	19.58	19.63	19.54	20.6	0.0	
40	QPSK	100	0	19.56	19.57	19.52	20.6	0.0	
40	16QAM	1	1	19.60	19.58	19.47	20.6	0.0	
40	64QAM	1	1	19.54	19.63	19.47	20.6	0.0	
40	256QAM	1	1	19.50	19.59	19.53	20.1	0.5	
Channel				517002	518000	520998			
Frequency (MHz)				2585.01	2599	2604.99			
30	QPSK	1	1	19.41	19.51	19.33	20.6	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	19.44	19.51	19.39	20.6	0.0	
Channel				515000	519000	522000			
Frequency (MHz)				2580	2599	2610			
20	QPSK	1	1	19.48	19.52	19.38	20.6	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	19.47	19.50	19.36	20.6	0.0	
Channel				515004	519000	522500			
Frequency (MHz)				2575.02	2599	2614.98			
10	QPSK	1	1	19.47	19.41	19.40	20.6	0.0	

n41 Ant4 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				509002	516598	520000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	19.05	19.10	18.95			
100	1/2 BPSK	1	137	18.95	19.08	19.00	20.3	0.0	
100	1/2 BPSK	1	271	18.95	19.05	18.97			
100	1/2 BPSK	135	0	19.02	19.09	19.03	20.3	0.0	
100	1/2 BPSK	135	69	18.98	19.11	19.02	20.3	0.0	
100	1/2 BPSK	135	138	19.01	19.07	19.04	20.3	0.0	
100	1/2 BPSK	270	0	19.03	19.11	18.97			
100	QPSK	1	1	19.05	19.14	18.96			
100	QPSK	1	137	18.98	19.09	19.02	20.3	0.0	
100	QPSK	1	271	18.96	19.03	18.94			
100	QPSK	135	0	19.04	19.01	18.95	20.3	0.0	
100	QPSK	135	69	18.95	19.09	18.96	20.3	0.0	
100	QPSK	135	138	19.01	19.08	19.05	20.3	0.0	
100	QPSK	270	0	19.05	19.12	18.97			
100	16QAM	1	1	19.01	19.09	19.00	20.3	0.0	
100	64QAM	1	1	18.98	19.07	18.94	20.3	0.0	
100	256QAM	1	1	18.94	19.07	18.99	20.3	0.0	
Channel				505000	518598	520998			
Frequency (MHz)				2541	2592.99	2644.99			
90	QPSK	1	1	18.95	19.03	18.85	20.3	0.0	
Channel				507204	518598	520998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	18.52	19.08	18.90	20.3	0.0	
Channel				505002	518598	521000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	18.94	19.07	18.89	20.3	0.0	
Channel				505000	518598	521000			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	18.51	18.99	18.85	20.3	0.0	
Channel				504204	518598	520998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	18.90	18.99	18.84	20.3	0.0	
Channel				503700	518598	520496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	18.59	19.02	18.63	20.3	0.0	
Channel				503002	518598	520998			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	18.97	19.05	18.87	20.3	0.0	
Channel				502704	518598	520496			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	18.62	19.09	18.83	20.3	0.0	
Channel				502200	518598	520998			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	18.95	19.04	18.83	20.3	0.0	
Channel				501702	518598	520500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	19.00	19.06	18.91	20.3	0.0	
Channel				501204	518598	520500			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	18.96	19.01	18.92	20.3	0.0	
Channel				500700	518598	520496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	18.97	18.99	18.90	20.3	0.0	
Channel				500202	518598	520500			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	18.93	19.01	18.91	20.3	0.0	

Part270 n77 Ant4 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	18.57	18.59	18.52			
100	1/2 BPSK	1	137	18.54	18.60	18.50	19.2	0.0	0.0
100	1/2 BPSK	1	271	18.63	18.58	18.55			
100	1/2 BPSK	135	0	18.63	18.56	18.53	19.2	0.0	0.0
100	1/2 BPSK	135	69	18.57	18.54	18.56	19.2	0.0	0.0
100	1/2 BPSK	135	138	18.59	18.59	18.57	19.2	0.0	0.0
100	1/2 BPSK	270	0	18.53	18.58	18.57			
100	QPSK	1	1	18.59	18.66	18.58			
100	QPSK	1	137	18.61	18.64	18.51	19.2	0.0	0.0
100	QPSK	1	271	18.55	18.64	18.57			
100	QPSK	135	0	18.54	18.59	18.56	19.2	0.0	0.0
100	QPSK	135	69	18.58	18.61	18.57	19.2	0.0	0.0
100	QPSK	135	138	18.57	18.54	18.51	19.2	0.0	0.0
100	QPSK	270	0	18.54	18.55	18.51			
100	16QAM	1	1	18.57	18.55	18.58	19.2	0.0	0.0
100	64QAM	1	1	18.58	18.53	18.52	19.2	0.0	0.0
100	256QAM	1	1	18.59	18.63	18.50	19.2	0.0	0.0
Channel				646668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	18.49	18.52	18.49	19.2	0.0	0.0
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	18.54	18.47	18.49	19.2	0.0	0.0
Channel				647000	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	18.52	18.50	18.48	19.2	0.0	0.0
Channel				646668	656000	663334			
Frequency (MHz)				3720.02	3840	3950.01			
60	QPSK	1	1	18.44	18.45	18.52	19.2	0.0	0.0
Channel				647000	656000	663000			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	18.50	18.47	18.51	19.2	0.0	0.0
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	18.47	18.52	18.47	19.2	0.0	0.0
Channel				647000	656000	663000			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	18.53	18.53	18.47	19.2	0.0	0.0
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	18.48	18.51	18.46	19.2	0.0	0.0
Channel				647000	656000	663000			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	18.55	18.48	18.52	19.2	0.0	0.0
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	18.46	18.52	18.50	19.2	0.0	0.0
Channel				647000	656000	663000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	18.52	18.51	18.47	19.2	0.0	0.0

Part27Q n77 Ant4 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		18.46				
100	1/2 BPSK	1	137		18.44		19.2	0.0	
100	1/2 BPSK	1	271		18.43				
100	1/2 BPSK	135	0		18.51		19.2	0.0	
100	1/2 BPSK	135	69		18.39		19.2	0.0	
100	1/2 BPSK	135	138		18.50				
100	1/2 BPSK	270	0		18.49		19.2	0.0	
100	QPSK	1	1		18.60				
100	QPSK	1	137		18.49		19.2	0.0	
100	QPSK	1	271		18.59				
100	QPSK	135	0		18.44		19.2	0.0	
100	QPSK	135	69		18.54		19.2	0.0	
100	QPSK	135	138		18.50				
100	QPSK	270	0		18.40		19.2	0.0	
100	16QAM	1	1		18.42		19.2	0.0	
100	64QAM	1	1		18.49		19.2	0.0	
100	256QAM	1	1		18.55		19.2	0.0	
Channel				633000	633334	633668	MPR (dB)		
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	18.51	18.52	18.49	19.2	0.0	
Channel				632668	633334	634000	MPR (dB)		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	18.50	18.46	18.46	19.2	0.0	
Channel				632334	633334	634334	MPR (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	18.50	18.45	18.46	19.2	0.0	
Channel				632000	633334	634668	MPR (dB)		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.48	18.50	18.52	19.2	0.0	
Channel				631668	633334	635000	MPR (dB)		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	18.55	18.52	18.51	19.2	0.0	
Channel				631334	633334	635334	MPR (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.51	18.47	18.48	19.2	0.0	
Channel				631000	633334	635668	MPR (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	18.54	18.55	18.51	19.2	0.0	
Channel				630834	633334	635834	MPR (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	18.45	18.49	18.46	19.2	0.0	
Channel				630500	633334	636000	MPR (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	18.46	18.51	18.52	19.2	0.0	
Channel				630500	633334	636168	MPR (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	18.48	18.48	18.48	19.2	0.0	
Channel				630334	633334	636334	MPR (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	18.54	18.56	18.51	19.2	0.0	

Part27Q n77 PC2 Ant4 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		21.43				
100	1/2 BPSK	1	137		21.42		22.2	0.0	
100	1/2 BPSK	1	271		21.52				
100	1/2 BPSK	135	0		21.52		22.2	0.0	
100	1/2 BPSK	135	69		21.47		22.2	0.0	
100	1/2 BPSK	135	138		21.53		22.2	0.0	
100	1/2 BPSK	270	0		21.53				
100	QPSK	1	1		21.63				
100	QPSK	1	137		21.47		22.2	0.0	
100	QPSK	1	271		21.55				
100	QPSK	135	0		21.52		22.2	0.0	
100	QPSK	135	69		21.55		22.2	0.0	
100	QPSK	135	138		21.49		22.2	0.0	
100	QPSK	270	0		21.53				
100	16QAM	1	1		21.53		22.2	0.0	
100	64QAM	1	1		21.52		22.2	0.0	
100	256QAM	1	1		21.59		22.2	0.0	
Channel				633000	633334	633668	MPR (dB)		
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	21.51	21.50	21.57	22.2	0.0	
Channel				632668	633334	634000	MPR (dB)		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	21.52	21.52	21.47	22.2	0.0	
Channel				632334	633334	634334	MPR (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	21.57	21.50	21.51	22.2	0.0	
Channel				632000	633334	634668	MPR (dB)		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	21.58	21.58	21.55	22.2	0.0	
Channel				631668	633334	635000	MPR (dB)		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	21.58	21.49	21.53	22.2	0.0	
Channel				631334	633334	635334	MPR (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	21.52	21.59	21.53	22.2	0.0	
Channel				631000	633334	635668	MPR (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	21.51	21.49	21.47	22.2	0.0	
Channel				630834	633334	635834	MPR (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	21.49	21.57	21.53	22.2	0.0	
Channel				630500	633334	636000	MPR (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	21.58	21.50	21.59	22.2	0.0	
Channel				630500	633334	636168	MPR (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	21.52	21.56	21.47	22.2	0.0	
Channel				630334	633334	636334	MPR (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	21.53	21.51	21.49	22.2	0.0	

Part27O n78 Ant4 DS13									
BW	Modulat	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit	MPR	
				650000					(dBm)
Channel									
Frequency (MHz)				3750					
100	1/2 BPSK	1	1		17.69				
100	1/2 BPSK	1	137		17.72		18.6		0.0
100	1/2 BPSK	1	271		17.77				
100	1/2 BPSK	135	0		17.71		18.6		0.0
100	1/2 BPSK	135	69		17.74		18.6		0.0
100	1/2 BPSK	135	138		17.78				
100	1/2 BPSK	270	0		17.74		18.6		0.0
100	QPSK	1	1		17.84				
100	QPSK	1	137		17.77		18.6		0.0
100	QPSK	1	271		17.70				
100	QPSK	135	0		17.78		18.6		0.0
100	QPSK	135	69		17.80		18.6		0.0
100	QPSK	135	138		17.77				
100	QPSK	270	0		17.78		18.6		0.0
100	16QAM	1	1		17.67		18.6		0.0
100	64QAM	1	1		17.74		18.6		0.0
100	256QAM	1	1		17.69		18.6		0.0
Channel				649668	650000	650334	MPR		
Frequency (MHz)				3745.02	3750	3755.01	(dB)		
90	QPSK	1	1	17.72	17.78	17.75	18.6		0.0
Channel				649334	650000	650668	MPR		
Frequency (MHz)				3740.01	3750	3760.02	(dB)		
80	QPSK	1	1	17.69	17.72	17.72	18.6		0.0
Channel				649000	650000	651000	MPR		
Frequency (MHz)				3735	3750	3765	(dB)		
70	QPSK	1	1	17.61	17.70	17.71	18.6		0.0
Channel				648668	650000	651334	MPR		
Frequency (MHz)				3730.02	3750	3770.01	(dB)		
60	QPSK	1	1	17.62	17.68	17.67	18.6		0.0
Channel				648334	650000	651668	MPR		
Frequency (MHz)				3725.01	3750	3775.02	(dB)		
50	QPSK	1	1	17.63	17.67	17.63	18.6		0.0
Channel				648000	650000	652000	MPR		
Frequency (MHz)				3720	3750	3760	(dB)		
40	QPSK	1	1	17.65	17.66	17.65	18.6		0.0
Channel				647668	650000	652334	MPR		
Frequency (MHz)				3715.02	3750	3785.01	(dB)		
30	QPSK	1	1	17.65	17.67	17.70	18.6		0.0
Channel				647500	650000	652500	MPR		
Frequency (MHz)				3712.5	3750	3787.5	(dB)		
25	QPSK	1	1	17.63	17.73	17.66	18.6		0.0
Channel				647334	650000	652668	MPR		
Frequency (MHz)				6470.01	3750	3790.02	(dB)		
20	QPSK	1	1	17.60	17.74	17.70	18.6		0.0
Channel				647168	650000	652834	MPR		
Frequency (MHz)				64707.52	3750	3792.51	(dB)		
15	QPSK	1	1	17.70	17.64	17.63	18.6		0.0
Channel				647000	650000	653000	MPR		
Frequency (MHz)				3705	3750	3795	(dB)		
10	QPSK	1	1	17.67	17.69	17.65	18.6		0.0

Part27Q n78 Ant4 DSI3								
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel				633334	3500.01			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		17.94			
100	1/2 BPSK	1	137		17.96		18.6	0.0
100	1/2 BPSK	1	271		17.91			
100	1/2 BPSK	135	0		17.86		18.6	0.0
100	1/2 BPSK	135	69		17.94		18.6	0.0
100	1/2 BPSK	135	138		17.93		18.6	0.0
100	1/2 BPSK	270	0		17.90			
100	QPSK	1	1		18.09			
100	QPSK	1	137		17.94		18.6	0.0
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.92		18.6	0.0
100	QPSK	135	69		18.00		18.6	0.0
100	QPSK	135	138		17.91		18.6	0.0
100	QPSK	270	0		18.03			
100	16QAM	1	1		17.83		18.6	0.0
100	64QAM	1	1		17.97		18.6	0.0
100	256QAM	1	1		17.88		18.6	0.0
Channel				633000	633334	633668	tune up	MPR
Frequency (MHz)				3498	3500.01	3505.02		
90	QPSK	1	1	17.88	17.86	17.92	18.6	0.0
Channel				632668	633334	634000	tune up	MPR
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.88	17.87	17.89	18.6	0.0
Channel				632334	633334	634334	tune up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.81	17.86	17.91	18.6	0.0
Channel				632000	633334	634668	tune up	MPR
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.82	17.87	17.84	18.6	0.0
Channel				631668	633334	635000	tune up	MPR
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.88	17.91	17.83	18.6	0.0
Channel				631334	633334	635334	tune up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.82	17.86	17.86	18.6	0.0
Channel				631000	633334	635668	tune up	MPR
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.84	17.86	17.89	18.6	0.0
Channel				630834	633334	635834	tune up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.82	17.91	17.83	18.6	0.0
Channel				630568	633334	636000	tune up	MPR
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.79	17.93	17.86	18.6	0.0
Channel				630500	633334	636168	tune up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.87	17.93	17.81	18.6	0.0
Channel				630334	633334	636334	tune up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.83	17.94	17.83	18.6	0.0

Part27Q n78 PC2 Ant4 DSI3								
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel				633334	3500.01			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		20.94			
100	1/2 BPSK	1	137		21.01		21.6	0.0
100	1/2 BPSK	1	271		20.87			
100	1/2 BPSK	135	0		20.81		21.6	0.0
100	1/2 BPSK	135	69		21.00		21.6	0.0
100	1/2 BPSK	135	138		20.90		21.6	0.0
100	1/2 BPSK	270	0		20.91			
100	QPSK	1	1		21.15			
100	QPSK	1	137		20.93		21.6	0.0
100	QPSK	1	271		20.90			
100	QPSK	135	0		20.97		21.6	0.0
100	QPSK	135	69		21.04		21.6	0.0
100	QPSK	135	138		20.90		21.6	0.0
100	QPSK	270	0		20.98			
100	16QAM	1	1		20.84		21.6	0.0
100	64QAM	1	1		20.98		21.6	0.0
100	256QAM	1	1		20.92		21.6	0.0
Channel				633000	633334	633668	tune up	MPR
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.01	20.86	20.69	21.6	0.0
Channel				632668	633334	634000	tune up	MPR
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.09	20.65	20.70	21.6	0.0
Channel				632334	633334	634334	tune up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.05	20.64	20.69	21.6	0.0
Channel				632000	633334	634668	tune up	MPR
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.07	20.69	20.72	21.6	0.0
Channel				631668	633334	635000	tune up	MPR
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.10	20.73	20.70	21.6	0.0
Channel				631334	633334	635334	tune up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.02	20.68	20.67	21.6	0.0
Channel				631000	633334	635668	tune up	MPR
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.06	20.65	20.66	21.6	0.0
Channel				630834	633334	635834	tune up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.07	20.65	20.66	21.6	0.0
Channel				630568	633334	636000	tune up	MPR
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.05	20.66	20.72	21.6	0.0
Channel				630500	633334	636168	tune up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.07	20.69	20.74	21.6	0.0
Channel				630334	633334	636334	tune up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.01	20.65	20.74	21.6	0.0

n2 Ant6 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	1/2 BPSK	1	1	20.49	20.43	20.47			
40	1/2 BPSK	1	108	20.43	20.53	20.48	21.8	0.0	
40	1/2 BPSK	1	214	20.44	20.49	20.39			
40	1/2 BPSK	108	0	20.48	20.45	20.40	21.8	0.0	
40	1/2 BPSK	108	54	20.44	20.49	20.45	21.8	0.0	
40	1/2 BPSK	108	108	20.45	20.47	20.41			
40	1/2 BPSK	216	0	20.47	20.43	20.46	21.8	0.0	
40	QPSK	1	1	20.44	20.55	20.42			
40	QPSK	1	108	20.46	20.53	20.37	21.8	0.0	
40	QPSK	1	214	20.46	20.48	20.42			
40	QPSK	108	0	20.48	20.47	20.48	21.8	0.0	
40	QPSK	108	54	20.42	20.49	20.40	21.8	0.0	
40	QPSK	108	108	20.48	20.46	20.38			
40	QPSK	216	0	20.45	20.53	20.38	21.8	0.0	
40	16QAM	1	1	20.42	20.50	20.38	21.8	0.0	
40	64QAM	1	1	19.40	19.53	19.36	20.8	1.0	
40	256QAM	1	1	17.45	17.59	17.42	18.8	3.0	
Channel				373500	376000	378500			
Frequency (MHz)				1887.5	1880	1892.5			
35	QPSK	1	1	20.30	20.49	20.27	21.8	0.0	
Channel				373000	376000	379000			
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	20.38	20.49	20.32	21.8	0.0	
Channel				372500	376000	379500			
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	20.30	20.44	20.31	21.8	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1870	1900			
20	QPSK	1	1	20.29	20.42	20.28	21.8	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	20.33	20.50	20.35	21.8	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1860	1905			
10	QPSK	1	1	20.31	20.41	20.30	21.8	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	20.35	20.50	20.32	21.8	0.0	

n7 Ant6 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	19.61	19.71	19.49			
50	1/2 BPSK	1	138	19.70	19.74	19.55	20.6	0.0	
50	1/2 BPSK	1	268	19.70	19.66	19.57			
50	1/2 BPSK	135	0	19.60	19.73	19.57	20.6	0.0	
50	1/2 BPSK	135	68	19.61	19.72	19.49	20.6	0.0	
50	1/2 BPSK	135	138	19.63	19.71	19.48			
50	1/2 BPSK	270	0	19.70	19.71	19.50	20.6	0.0	
50	QPSK	1	1	19.60	19.82	19.59			
50	QPSK	1	138	19.67	19.69	19.58	20.6	0.0	
50	QPSK	1	268	19.67	19.65	19.52			
50	QPSK	135	0	19.62	19.68	19.49	20.6	0.0	
50	QPSK	135	68	19.67	19.73	19.54	20.6	0.0	
50	QPSK	135	138	19.66	19.65	19.52			
50	QPSK	270	0	19.65	19.71	19.51	20.6	0.0	
50	16QAM	1	1	19.65	19.73	19.49	20.6	0.0	
50	64QAM	1	1	19.69	19.63	19.55	20.6	0.0	
50	256QAM	1	1	19.62	19.72	19.45	20.6	0.0	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	19.46	19.77	19.51	20.6	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	19.52	19.66	19.44	20.6	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	19.51	19.74	19.52	20.6	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	19.48	19.67	19.40	20.6	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	19.48	19.68	19.54	20.6	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	19.51	19.73	19.43	20.6	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	19.48	19.73	19.46	20.6	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	19.44	19.67	19.45	20.6	0.0	

n25 Ant6 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	20.53	20.45	20.47			
40	1/2 BPSK	1	108	20.50	20.60	20.50	21.8	0.0	0.0
40	1/2 BPSK	1	214	20.53	20.50	20.49			
40	1/2 BPSK	108	0	20.58	20.54	20.45	21.8	0.0	0.0
40	1/2 BPSK	108	54	20.55	20.48	20.44	21.8	0.0	0.0
40	1/2 BPSK	108	108	20.45	20.55	20.50			
40	1/2 BPSK	216	0	20.53	20.49	20.55	21.8	0.0	0.0
40	QPSK	1	1	20.45	20.63	20.46			
40	QPSK	1	108	20.54	20.62	20.45	21.8	0.0	0.0
40	QPSK	1	214	20.47	20.55	20.46			
40	QPSK	108	0	20.59	20.53	20.57	21.8	0.0	0.0
40	QPSK	108	54	20.43	20.60	20.44	21.8	0.0	0.0
40	QPSK	108	108	20.55	20.50	20.41			
40	QPSK	216	0	20.50	20.62	20.42	21.8	0.0	0.0
40	16QAM	1	1	20.43	20.49	20.40	21.8	0.0	0.0
40	64QAM	1	1	19.40	19.52	19.38	20.8	1.0	1.0
40	256QAM	1	1	17.53	17.66	17.44	18.8	3.0	3.0
Channel				373500	376500	379500			
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	20.32	20.53	20.36	21.8	0.0	0.0
Channel				373000	376500	380000			
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	20.30	20.56	20.39	21.8	0.0	0.0
Channel				372500	376500	380500			
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	20.36	20.47	20.33	21.8	0.0	0.0
Channel				372000	376500	381000			
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	20.30	20.50	20.41	21.8	0.0	0.0
Channel				371500	376500	381500			
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	20.39	20.47	20.31			
Channel				371000	376500	382000			
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	20.38	20.52	20.36	21.8	0.0	0.0
Channel				370500	376500	382500			
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	20.36	20.57	20.31	21.8	0.0	0.0

n38 Ant6 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	516000	516996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	19.87	19.89	19.87			
40	1/2 BPSK	1	53	19.93	19.91	19.86	20.9	0.0	
40	1/2 BPSK	1	104	19.87	19.96	19.93			
40	1/2 BPSK	50	0	19.87	19.97	19.92	20.9	0.0	
40	1/2 BPSK	50	28	19.94	19.97	19.86	20.9	0.0	
40	1/2 BPSK	50	56	19.91	19.92	19.86			
40	1/2 BPSK	100	0	19.86	19.96	19.91	20.9	0.0	
40	QPSK	1	1	19.94	19.91	19.86			
40	QPSK	1	53	19.93	19.94	19.92	20.9	0.0	
40	QPSK	1	104	19.87	19.89	19.87			
40	QPSK	50	0	19.89	19.90	19.88	20.9	0.0	
40	QPSK	50	28	19.99	19.99	19.87	20.9	0.0	
40	QPSK	50	56	19.92	19.98	19.87			
40	QPSK	100	0	19.95	19.96	19.90	20.9	0.0	
40	16QAM	1	1	19.90	19.99	19.89	20.9	0.0	
40	64QAM	1	1	19.93	19.88	19.86	20.9	0.0	
40	256QAM	1	1	19.90	19.92	19.86	20.9	0.0	
Channel				517002	516000	520998			
Frequency (MHz)				2595.01	2595	2604.99			
30	QPSK	1	1	19.86	19.87	19.81	20.9	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	19.84	19.79	19.61	20.9	0.0	
Channel				516000	517000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	19.89	19.82	19.72	20.9	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	19.79	19.90	19.79	20.9	0.0	
Channel				516004	516000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	19.83	19.90	19.70	20.9	0.0	

n41 Ant6 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518596	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	19.17	19.26	19.26			
100	1/2 BPSK	1	137	19.11	19.29	19.16	20.6	0.0	
100	1/2 BPSK	1	271	19.11	19.24	19.18			
100	1/2 BPSK	135	0	19.12	19.30	19.21	20.6	0.0	
100	1/2 BPSK	135	69	19.16	19.29	19.22	20.6	0.0	
100	1/2 BPSK	135	138	19.14	19.28	19.16			
100	1/2 BPSK	270	0	19.18	19.26	19.25	20.6	0.0	
100	QPSK	1	1	19.12	19.33	19.23			
100	QPSK	1	137	19.17	19.31	19.21	20.6	0.0	
100	QPSK	1	271	19.10	19.30	19.22			
100	QPSK	135	0	19.15	19.22	19.22	20.6	0.0	
100	QPSK	135	69	19.12	19.30	19.20	20.6	0.0	
100	QPSK	135	138	19.11	19.30	19.24			
100	QPSK	270	0	19.11	19.31	19.23	20.6	0.0	
100	16QAM	1	1	19.12	19.31	19.22	20.6	0.0	
100	64QAM	1	1	19.11	19.29	19.21	20.6	0.0	
100	256QAM	1	1	19.16	19.30	19.20	20.6	0.0	
Channel				520000	518596	529996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	18.98	19.22	19.17	20.6	0.0	
Channel				507204	518596	529996			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	19.02	19.28	19.16	20.6	0.0	
Channel				520000	511596	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.00	19.25	19.13	20.6	0.0	
Channel				505200	518596	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.05	19.24	19.17	20.6	0.0	
Channel				520000	511596	532996			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	18.98	19.26	19.14	20.6	0.0	
Channel				503700	518596	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	19.04	19.20	19.16	20.6	0.0	
Channel				520000	511596	533000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.04	19.23	19.12	20.6	0.0	
Channel				502704	518596	534496			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	19.07	19.21	19.10	20.6	0.0	
Channel				520000	511596	533996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.08	19.25	19.08	20.6	0.0	
Channel				501702	518596	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	19.01	19.22	19.13	20.6	0.0	
Channel				501204	518596	535996			
Frequency (MHz)				2506.52	2592.99	2679.99			
20	QPSK	1	1	19.00	19.28	19.17	20.6	0.0	
Channel				500700	518596	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	19.01	19.25	19.07	20.6	0.0	
Channel				500202	518596	537000			
Frequency (MHz)				2501.51	2592.99	2685			
10	QPSK	1	1	18.97	19.23	19.09	20.6	0.0	

Part270 n77 Ant6 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq. (kHz)	Power Middle Ch. / Freq. (kHz)	Power High Ch. / Freq. (kHz)	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	17.25	17.31	17.15			
100	1/2 BPSK	1	137	17.21	17.27	17.20	18.7	0.0	
100	1/2 BPSK	1	271	17.14	17.32	17.15			
100	1/2 BPSK	135	0	17.13	17.34	17.16	18.7	0.0	
100	1/2 BPSK	135	69	17.23	17.42	17.23	18.7	0.0	
100	1/2 BPSK	135	138	17.07	17.44	17.29	18.7	0.0	
100	1/2 BPSK	270	0	17.20	17.42	17.27			
100	QPSK	1	1	17.14	17.47	17.23			
100	QPSK	1	137	17.11	17.32	17.26	18.7	0.0	
100	QPSK	1	271	17.22	17.29	17.22			
100	QPSK	135	0	17.18	17.31	17.21	18.7	0.0	
100	QPSK	135	69	17.07	17.41	17.20	18.7	0.0	
100	QPSK	135	138	17.11	17.40	17.22			
100	QPSK	270	0	17.20	17.27	17.23	18.7	0.0	
100	16QAM	1	1	17.26	17.34	17.16	18.7	0.0	
100	64QAM	1	1	17.11	17.42	17.28	18.7	0.0	
100	256QAM	1	1	17.23	17.29	17.20	18.7	0.0	
Channel				648668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	17.10	17.29	17.14	18.7	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	17.09	17.30	17.08	18.7	0.0	
Channel				649668	656000	662000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	17.05	17.30	17.10	18.7	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	17.01	17.33	17.10	18.7	0.0	
Channel				649334	656000	662334			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	17.00	17.36	17.11	18.7	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	17.08	17.33	17.11	18.7	0.0	
Channel				647668	656000	663334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	16.99	17.34	17.12	18.7	0.0	
Channel				646668	656000	664500			
Frequency (MHz)				3712.5	3840	3975.5			
25	QPSK	1	1	17.01	17.26	17.10	18.7	0.0	
Channel				647334	656000	663000			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	16.99	17.30	17.15	18.7	0.0	
Channel				646668	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	17.00	17.26	17.11	18.7	0.0	
Channel				647000	656000	663500			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	17.03	17.27	17.11	18.7	0.0	

Part27Q n77 Ant6 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		17.18				
100	1/2 BPSK	1	137		17.15		18.7	0.0	
100	1/2 BPSK	1	271		17.21				
100	1/2 BPSK	135	0		17.25		18.7	0.0	
100	1/2 BPSK	135	69		17.35		18.7	0.0	
100	1/2 BPSK	135	138		17.35		18.7	0.0	
100	1/2 BPSK	270	0		17.38				
100	QPSK	1	1		17.39				
100	QPSK	1	137		17.22		18.7	0.0	
100	QPSK	1	271		17.21				
100	QPSK	135	0		17.25		18.7	0.0	
100	QPSK	135	69		17.35		18.7	0.0	
100	QPSK	135	138		17.34		18.7	0.0	
100	QPSK	270	0		17.13				
100	16QAM	1	1		17.20		18.7	0.0	
100	64QAM	1	1		17.27		18.7	0.0	
100	256QAM	1	1		17.21		18.7	0.0	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up (dB)		
90	QPSK	1	1	17.32	17.27	17.29	18.7	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up (dB)		
80	QPSK	1	1	17.25	17.31	17.27	18.7	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up (dB)		
70	QPSK	1	1	17.27	17.26	17.31	18.7	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up (dB)		
60	QPSK	1	1	17.29	17.32	17.32	18.7	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up (dB)		
50	QPSK	1	1	17.29	17.31	17.27	18.7	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up (dB)		
40	QPSK	1	1	17.32	17.25	17.25	18.7	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up (dB)		
30	QPSK	1	1	17.26	17.24	17.33	18.7	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up (dB)		
25	QPSK	1	1	17.26	17.31	17.24	18.7	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up (dB)		
20	QPSK	1	1	17.34	17.31	17.32	18.7	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up (dB)		
15	QPSK	1	1	17.32	17.31	17.33	18.7	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up (dB)		
10	QPSK	1	1	17.30	17.32	17.30	18.7	0.0	

Part27Q n77 PC2 Ant6 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		20.19				
100	1/2 BPSK	1	137		20.28		21.7	0.0	
100	1/2 BPSK	1	271		20.19				
100	1/2 BPSK	135	0		20.13		21.7	0.0	
100	1/2 BPSK	135	69		20.39		21.7	0.0	
100	1/2 BPSK	135	138		20.38		21.7	0.0	
100	1/2 BPSK	270	0		20.34				
100	QPSK	1	1		20.41				
100	QPSK	1	137		20.29		21.7	0.0	
100	QPSK	1	271		20.16				
100	QPSK	135	0		20.28		21.7	0.0	
100	QPSK	135	69		20.30		21.7	0.0	
100	QPSK	135	138		20.29		21.7	0.0	
100	QPSK	270	0		20.11				
100	16QAM	1	1		20.28		21.7	0.0	
100	64QAM	1	1		20.35		21.7	0.0	
100	256QAM	1	1		19.83		21.2	0.5	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up (dB)		
90	QPSK	1	1	20.35	20.30	20.27	21.7	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up (dB)		
80	QPSK	1	1	20.33	20.34	20.31	21.7	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up (dB)		
70	QPSK	1	1	20.34	20.27	20.33	21.7	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up (dB)		
60	QPSK	1	1	20.26	20.24	20.26	21.7	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up (dB)		
50	QPSK	1	1	20.30	20.32	20.34	21.7	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up (dB)		
40	QPSK	1	1	20.28	20.27	20.35	21.7	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up (dB)		
30	QPSK	1	1	20.30	20.33	20.34	21.7	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up (dB)		
25	QPSK	1	1	20.32	20.34	20.26	21.7	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up (dB)		
20	QPSK	1	1	20.33	20.25	20.24	21.7	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up (dB)		
15	QPSK	1	1	20.23	20.31	20.28	21.7	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up (dB)		
10	QPSK	1	1	20.29	20.24	20.29	21.7	0.0	

Part27O n78 Ant6 DSI3									
BW	Modulat	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit	MPR	
				Channel					
				Frequency (MHz)					
100	1/2 BPSK	1	1		16.89				
100	1/2 BPSK	1	137		16.86		18.2	0.0	
100	1/2 BPSK	1	271		16.83				
100	1/2 BPSK	135	0		16.94		18.2	0.0	
100	1/2 BPSK	135	69		16.93		18.2	0.0	
100	1/2 BPSK	135	138		16.90		18.2	0.0	
100	1/2 BPSK	270	0		16.93				
100	QPSK	1	1		16.96				
100	QPSK	1	137		16.84		18.2	0.0	
100	QPSK	1	271		16.92				
100	QPSK	135	0		16.91		18.2	0.0	
100	QPSK	135	69		16.93		18.2	0.0	
100	QPSK	135	138		16.92		18.2	0.0	
100	QPSK	270	0		16.83				
100	16QAM	1	1		16.84		18.2	0.0	
100	64QAM	1	1		16.90		18.2	0.0	
100	256QAM	1	1		16.91		18.2	0.0	
				Channel					
				Frequency (MHz)					
90	QPSK	1	1	16.69	16.72	16.68	18.2	0.0	
				Channel					
				Frequency (MHz)					
80	QPSK	1	1	16.76	16.80	16.76	18.2	0.0	
				Channel					
				Frequency (MHz)					
70	QPSK	1	1	16.75	16.73	16.80	18.2	0.0	
				Channel					
				Frequency (MHz)					
60	QPSK	1	1	16.75	16.73	16.71	18.2	0.0	
				Channel					
				Frequency (MHz)					
50	QPSK	1	1	16.73	16.71	16.71	18.2	0.0	
				Channel					
				Frequency (MHz)					
40	QPSK	1	1	16.71	16.70	16.71	18.2	0.0	
				Channel					
				Frequency (MHz)					
30	QPSK	1	1	16.72	16.75	16.78	18.2	0.0	
				Channel					
				Frequency (MHz)					
25	QPSK	1	1	16.73	16.73	16.73	18.2	0.0	
				Channel					
				Frequency (MHz)					
20	QPSK	1	1	16.80	16.70	16.80	18.2	0.0	
				Channel					
				Frequency (MHz)					
15	QPSK	1	1	16.70	16.69	16.68	18.2	0.0	
				Channel					
				Frequency (MHz)					
10	QPSK	1	1	17.01	16.73	16.69	18.2	0.0	

Part27Q n78 Ant6 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)				16.75					
100	1/2 BPSK	1	1		16.75				
100	1/2 BPSK	1	137		16.81		18.2	0.0	
100	1/2 BPSK	1	271		16.70				
100	1/2 BPSK	135	0		16.86		18.2	0.0	
100	1/2 BPSK	135	69		16.95		18.2	0.0	
100	1/2 BPSK	135	138		16.82				
100	1/2 BPSK	270	0		16.78		18.2	0.0	
100	QPSK	1	1		16.89				
100	QPSK	1	137		16.76		18.2	0.0	
100	QPSK	1	271		16.85				
100	QPSK	135	0		16.81		18.2	0.0	
100	QPSK	135	69		16.85		18.2	0.0	
100	QPSK	135	138		16.80				
100	QPSK	270	0		16.78		18.2	0.0	
100	16QAM	1	1		16.73		18.2	0.0	
100	64QAM	1	1		16.83		18.2	0.0	
100	256QAM	1	1		16.85		18.2	0.0	
Channel				633000	633334	633668	up	MPR (dB)	
Frequency (MHz)				3498	3500.01	3505.02			
90	QPSK	1	1	16.66	16.64	16.66	18.2	0.0	
Channel				632668	633334	634000	up	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	16.75	16.75	16.75	18.2	0.0	
Channel				632334	633334	634334	up	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	16.70	16.70	16.72	18.2	0.0	
Channel				632000	633334	634668	up	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	16.71	16.73	16.75	18.2	0.0	
Channel				631668	633334	635000	up	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	16.69	16.71	16.74	18.2	0.0	
Channel				631334	633334	635334	up	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	16.68	16.67	16.75	18.2	0.0	
Channel				631000	633334	635668	up	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	16.65	16.74	16.76	18.2	0.0	
Channel				630634	633334	635834	up	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	16.70	16.69	16.67	18.2	0.0	
Channel				630668	633334	635900	up	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	16.75	16.76	16.73	18.2	0.0	
Channel				630500	633334	636168	up	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	16.64	16.66	16.65	18.2	0.0	
Channel				630334	633334	636334	up	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	16.74	16.69	16.75	18.2	0.0	

Part27Q n78 PC2 Ant6 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)				19.83					
100	1/2 BPSK	1	1		19.83				
100	1/2 BPSK	1	137		19.75		21.2	0.0	
100	1/2 BPSK	1	271		19.78				
100	1/2 BPSK	135	0		19.82		21.2	0.0	
100	1/2 BPSK	135	69		19.86		21.2	0.0	
100	1/2 BPSK	135	138		19.77				
100	1/2 BPSK	270	0		19.82		21.2	0.0	
100	QPSK	1	1		19.95				
100	QPSK	1	137		19.84		21.2	0.0	
100	QPSK	1	271		19.83				
100	QPSK	135	0		19.76		21.2	0.0	
100	QPSK	135	69		19.92		21.2	0.0	
100	QPSK	135	138		19.88				
100	QPSK	270	0		19.86		21.2	0.0	
100	16QAM	1	1		19.84		21.2	0.0	
100	64QAM	1	1		19.76		21.2	0.0	
100	256QAM	1	1		19.81		21.2	0.0	
Channel				633000	633334	633668	up	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	19.91	19.82	19.80	21.2	0.0	
Channel				632668	633334	634000	up	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	19.84	19.87	19.87	21.2	0.0	
Channel				632334	633334	634334	up	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	19.84	19.85	19.87	21.2	0.0	
Channel				632000	633334	634668	up	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	19.84	19.81	19.89	21.2	0.0	
Channel				631668	633334	635000	up	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	19.83	19.89	19.87	21.2	0.0	
Channel				631334	633334	635334	up	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	19.80	19.88	19.88	21.2	0.0	
Channel				631000	633334	635668	up	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	19.90	19.82	19.82	21.2	0.0	
Channel				630634	633334	635834	up	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	19.82	19.80	19.82	21.2	0.0	
Channel				630668	633334	635900	up	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	19.89	19.88	19.81	21.2	0.0	
Channel				630500	633334	636168	up	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	19.80	19.88	19.90	21.2	0.0	
Channel				630334	633334	636334	up	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	19.89	19.89	19.83	21.2	0.0	

n2 Ant7 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	1/2 BPSK	1	1	19.80	19.94	19.81			
40	1/2 BPSK	1	108	19.77	19.92	19.82	21.3	0.0	
40	1/2 BPSK	1	214	19.85	19.89	19.83			
40	1/2 BPSK	108	0	19.34	19.50	19.45	20.8	0.5	
40	1/2 BPSK	108	54	19.36	19.46	19.39	21.3	0.0	
40	1/2 BPSK	108	108	19.41	19.45	19.40			
40	1/2 BPSK	216	0	19.42	19.47	19.43	20.8	0.5	
40	QPSK	1	1	19.89	19.97	19.94			
40	QPSK	1	108	19.76	19.87	19.83	21.3	0.0	
40	QPSK	1	214	19.82	19.87	19.91			
40	QPSK	108	0	18.95	18.96	18.94	20.3	1.0	
40	QPSK	108	54	19.36	19.33	19.36	21.3	0.0	
40	QPSK	108	108	18.92	18.95	18.91			
40	QPSK	216	0	18.89	18.99	18.93	20.3	1.0	
40	16QAM	1	1	18.95	18.96	18.90	20.3	1.0	
40	64QAM	1	1	17.41	17.42	17.44	18.8	2.5	
40	256QAM	1	1	15.39	15.52	15.47	16.8	4.5	
Channel				373500	376000	378500			
Frequency (MHz)				1887.5	1880	1892.5			
35	QPSK	1	1	19.82	19.84	19.86	21.3	0.0	
Channel				373000	376000	379000			
Frequency (MHz)				1895	1880	1895			
30	QPSK	1	1	19.76	19.89	19.89	21.3	0.0	
Channel				372500	376000	379500			
Frequency (MHz)				1892.5	1880	1897.5			
25	QPSK	1	1	19.87	19.86	19.80	21.3	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1900	1900	1900			
20	QPSK	1	1	19.75	19.85	19.90	21.3	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1897.5	1880	1902.5			
15	QPSK	1	1	19.77	19.91	19.91	21.3	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1895	1900	1905			
10	QPSK	1	1	19.82	19.87	19.87	21.3	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1892.5	1880	1907.5			
5	QPSK	1	1	19.87	19.85	19.91	21.3	0.0	

n7 Ant7 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	18.55	18.61	18.56			
50	1/2 BPSK	1	138	18.61	18.67	18.55	20.0	0.0	
50	1/2 BPSK	1	268	18.62	18.68	18.63			
50	1/2 BPSK	135	0	18.65	18.63	18.52	20.0	0.0	
50	1/2 BPSK	135	68	18.62	18.61	18.62	20.0	0.0	
50	1/2 BPSK	135	138	18.61	18.64	18.52			
50	1/2 BPSK	270	0	18.57	18.69	18.53	20.0	0.0	
50	QPSK	1	1	18.62	18.61	18.52			
50	QPSK	1	138	18.57	18.61	18.62	20.0	0.0	
50	QPSK	1	268	18.55	18.65	18.60			
50	QPSK	135	0	18.63	18.64	18.57	20.0	0.0	
50	QPSK	135	68	18.60	18.75	18.57	20.0	0.0	
50	QPSK	135	138	18.59	18.70	18.55			
50	QPSK	270	0	18.58	18.63	18.62	20.0	0.0	
50	16QAM	1	1	18.57	18.71	18.59	20.0	0.0	
50	64QAM	1	1	18.56	18.63	18.62	20.0	0.0	
50	256QAM	1	1	17.16	17.32	17.39	18.5	1.5	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	18.58	18.67	18.36	20.0	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	18.58	18.75	18.41	20.0	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	18.54	18.76	18.39	20.0	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	18.52	18.76	18.42	20.0	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	18.52	18.67	18.46	20.0	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.50	18.73	18.40	20.0	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	18.53	18.66	18.47	20.0	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	18.47	18.66	18.38	20.0	0.0	

n25 Ant7 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	19.86	19.91	19.85			
40	1/2 BPSK	1	108	19.79	19.90	19.78	21.3	0.0	
40	1/2 BPSK	1	214	19.77	19.89	19.85			
40	1/2 BPSK	108	0	19.33	19.46	19.46	20.6	0.5	
40	1/2 BPSK	108	54	19.78	19.85	19.86	21.3	0.0	
40	1/2 BPSK	108	108	19.44	19.43	19.42			
40	1/2 BPSK	216	0	19.36	19.46	19.43	20.8	0.5	
40	QPSK	1	1	19.89	19.94	19.91			
40	QPSK	1	108	19.81	19.80	19.82	21.3	0.0	
40	QPSK	1	214	19.82	19.82	19.88			
40	QPSK	108	0	18.90	18.92	18.92	20.3	1.0	
40	QPSK	108	54	19.77	19.91	19.88	21.3	0.0	
40	QPSK	108	108	18.87	18.89	18.88			
40	QPSK	216	0	18.90	18.99	18.89	20.3	1.0	
40	16QAM	1	1	18.88	18.93	18.93	20.3	1.0	
40	64QAM	1	1	17.43	17.48	17.46	18.8	2.5	
40	256QAM	1	1	15.43	15.39	15.41	16.8	4.5	
Channel				373500	376500	379500			
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	19.78	19.81	19.77	21.3	0.0	
Channel				373000	376500	380000			
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	19.77	19.90	19.88	21.3	0.0	
Channel				372500	376500	380500			
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	19.78	19.91	19.77	21.3	0.0	
Channel				372000	376500	381000			
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	19.86	19.84	19.80	21.3	0.0	
Channel				371500	376500	381500			
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	19.80	19.83	19.83	21.3	0.0	
Channel				371000	376500	382000			
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	19.83	19.82	19.85	21.3	0.0	
Channel				370500	376500	382500			
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	19.86	19.86	19.86	21.3	0.0	

n38 Ant7 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	18.80	18.95	19.02	20.2	0.0	
40	1/2 BPSK	1	53	18.93	19.00	18.92			
40	1/2 BPSK	1	104	18.90	19.04	19.02			
40	1/2 BPSK	50	0	18.91	19.00	18.98	20.2	0.0	
40	1/2 BPSK	50	28	18.91	19.01	18.99	20.2	0.0	
40	1/2 BPSK	50	56	18.83	19.05	19.01	20.2	0.0	
40	1/2 BPSK	100	0	18.87	19.03	19.02			
40	QPSK	1	1	18.89	19.10	18.92	20.2	0.0	
40	QPSK	1	53	18.92	18.97	18.96			
40	QPSK	1	104	18.86	19.00	18.93			
40	QPSK	50	0	18.90	18.95	18.92	20.2	0.0	
40	QPSK	50	28	18.86	18.99	18.93	20.2	0.0	
40	QPSK	50	56	18.92	18.90	18.92			
40	QPSK	100	0	18.85	18.97	18.96	20.2	0.0	
40	16QAM	1	1	18.80	18.89	18.88	20.2	0.0	
40	64QAM	1	1	18.90	18.94	18.96	20.2	0.0	
40	256QAM	1	1	17.36	17.31	17.39	18.7	1.5	
Channel				517002	519000	520998	tune-up limit	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	18.78	19.01	18.82	20.2	0.0	
Channel				516504	519000	521496	tune-up limit	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	18.77	18.97	18.83	20.2	0.0	
Channel				516000	519000	522000	tune-up limit	MPR (dB)	
Frequency (MHz)				2560	2595	2610			
20	QPSK	1	1	18.81	18.98	18.79	20.2	0.0	
Channel				515502	519000	522498	tune-up limit	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	18.76	19.01	18.79	20.2	0.0	
Channel				515004	519000	522996	tune-up limit	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	18.77	18.99	18.84	20.2	0.0	

n41 Ant7 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	18.45	18.51	18.43	20.0	0.0	
100	1/2 BPSK	1	137	18.51	18.59	18.37			
100	1/2 BPSK	1	271	18.49	18.60	18.37			
100	1/2 BPSK	135	0	18.49	18.58	18.46	20.0	0.0	
100	1/2 BPSK	135	69	18.50	18.51	18.46	20.0	0.0	
100	1/2 BPSK	135	138	18.47	18.58	18.47	20.0	0.0	
100	1/2 BPSK	270	0	18.52	18.53	18.41			
100	QPSK	1	1	18.53	18.68	18.46	20.0	0.0	
100	QPSK	1	137	18.50	18.55	18.38			
100	QPSK	1	271	18.47	18.56	18.46			
100	QPSK	135	0	18.48	18.53	18.41	20.0	0.0	
100	QPSK	135	69	18.50	18.55	18.37	20.0	0.0	
100	QPSK	135	138	18.50	18.59	18.40	20.0	0.0	
100	QPSK	270	0	18.52	18.53	18.42	20.0	0.0	
100	16QAM	1	1	18.51	18.55	18.38	20.0	0.0	
100	64QAM	1	1	18.46	18.56	18.39	20.0	0.0	
100	256QAM	1	1	18.51	18.60	18.46	19.0	1.0	
Channel				508200	518598	528996	tune-up limit	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	18.44	18.62	18.41	20.0	0.0	
Channel				507204	518598	529998	tune-up limit	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	18.39	18.53	18.36	20.0	0.0	
Channel				506202	518598	531000	tune-up limit	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	18.42	18.61	18.36	20.0	0.0	
Channel				505200	518598	531996	tune-up limit	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	18.46	18.56	18.38	20.0	0.0	
Channel				504204	518598	532998	tune-up limit	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	18.45	18.60	18.30	20.0	0.0	
Channel				503700	518598	533496	tune-up limit	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	18.43	18.59	18.38	20.0	0.0	
Channel				503202	518598	534000	tune-up limit	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	18.48	18.59	18.32	20.0	0.0	
Channel				502704	518598	534498	tune-up limit	MPR (dB)	
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	18.39	18.64	18.39	20.0	0.0	
Channel				502200	518598	534996	tune-up limit	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	18.47	18.59	18.30	20.0	0.0	
Channel				501702	518598	535500	tune-up limit	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	18.44	18.54	18.33	20.0	0.0	
Channel				501204	518598	535998	tune-up limit	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	18.48	18.55	18.39	20.0	0.0	
Channel				500700	518598	536496	tune-up limit	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	18.45	18.59	18.30	20.0	0.0	
Channel				500202	518598	537000	tune-up limit	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	18.38	18.63	18.40	20.0	0.0	

n48 Ant10 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				638000	641666	646332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	22.40	22.54	22.51			
40	1/2 BPSK	1	53	22.37	22.51	22.45	24.0	0.0	
40	1/2 BPSK	1	104	22.38	22.52	22.45			
40	1/2 BPSK	50	0	22.43	22.49	22.46	24.0	0.0	
40	1/2 BPSK	50	26	22.35	22.43	22.46	24.0	0.0	
40	1/2 BPSK	50	56	22.35	22.52	22.46			
40	1/2 BPSK	100	0	22.42	22.50	22.49	24.0	0.0	
40	QPSK	1	1	22.37	22.55	22.42			
40	QPSK	1	53	22.36	22.46	22.44	24.0	0.0	
40	QPSK	1	104	22.38	22.49	22.41			
40	QPSK	50	0	22.38	22.50	22.41	24.0	0.0	
40	QPSK	50	26	22.36	22.53	22.42	24.0	0.0	
40	QPSK	50	56	22.45	22.42	22.40			
40	QPSK	100	0	22.39	22.51	22.50	24.0	0.0	
40	16QAM	1	1	22.37	22.43	22.43	24.0	0.0	
40	64QAM	1	1	20.92	20.92	20.88	22.5	1.5	
40	256QAM	1	1	18.92	19.01	18.96	20.5	3.5	
Channel				637666	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	22.33	22.39	22.28	24.0	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	22.26	22.34	22.35	24.0	0.0	
Channel				637166	641666	645166			
Frequency (MHz)				3557.52	3624.99	3692.49			
15	QPSK	1	1	22.29	22.40	22.28	24.0	0.0	
Channel				637000	641666	646332			
Frequency (MHz)				3565	3624.99	3694.98			
10	QPSK	1	1	22.28	22.34	22.27	24.0	0.0	

Part270 n77 Ant10 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	22.21	22.29	22.23			
100	1/2 BPSK	1	137	22.12	22.31	22.21	22.5	0.0	
100	1/2 BPSK	1	271	22.14	22.20	22.24			
100	1/2 BPSK	135	0	22.13	22.29	22.17	22.5	0.0	
100	1/2 BPSK	135	69	22.20	22.21	22.17	22.5	0.0	
100	1/2 BPSK	135	138	22.18	22.26	22.18			
100	1/2 BPSK	270	0	22.19	22.22	22.19	22.5	0.0	
100	QPSK	1	1	22.11	22.33	22.19			
100	QPSK	1	137	22.19	22.24	22.25	22.5	0.0	
100	QPSK	1	271	22.12	22.29	22.18			
100	QPSK	135	0	22.13	22.31	22.25	22.5	0.0	
100	QPSK	135	69	22.19	22.22	22.24	22.5	0.0	
100	QPSK	135	138	22.19	22.24	22.23			
100	QPSK	270	0	22.18	22.23	22.22	22.5	0.0	
100	16QAM	1	1	22.11	22.26	22.19	22.5	0.0	
100	64QAM	1	1	22.10	22.25	22.26	22.5	0.0	
100	256QAM	1	1	22.15	22.32	22.25	22.5	0.0	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.07	22.15	22.08	22.5	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	21.98	22.18	22.04	22.5	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.96	22.26	22.14	22.5	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	21.95	22.20	22.14	22.5	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.98	22.18	22.07	22.5	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	21.97	22.15	22.14	22.5	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	22.02	22.14	22.04	22.5	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	22.04	22.21	22.03	22.5	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.02	22.15	22.05	22.5	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.00	22.23	22.05	22.5	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.04	22.18	22.10	22.5	0.0	

Part270 n77 PC2 Ant10 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (kHz)	Power Middle Ch. / Freq. (kHz)	Power High Ch. / Freq. (kHz)	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	25.71	25.85	25.67			
100	1/2 BPSK	1	137	25.60	25.86	25.70	26.0	0.0	
100	1/2 BPSK	1	271	25.58	25.65	25.69			
100	1/2 BPSK	135	0	25.59	25.85	25.68	26.0	0.0	
100	1/2 BPSK	135	69	25.70	25.68	25.83	26.0	0.0	
100	1/2 BPSK	135	138	25.71	25.74	25.74			
100	1/2 BPSK	270	0	25.69	25.70	25.70	26.0	0.0	
100	QPSK	1	1	25.57	25.87	25.70			
100	QPSK	1	137	25.73	25.77	25.80	26.0	0.0	
100	QPSK	1	271	25.64	25.81	25.66			
100	QPSK	135	0	25.61	25.76	25.77	26.0	0.0	
100	QPSK	135	69	25.70	25.61	25.76	26.0	0.0	
100	QPSK	135	138	25.72	25.69	25.76			
100	QPSK	270	0	25.72	25.77	25.76	26.0	0.0	
100	16QAM	1	1	25.58	25.70	25.66	26.0	0.0	
100	64QAM	1	1	25.56	25.80	25.82	26.0	0.0	
100	256QAM	1	1	24.20	24.20	24.30	24.5	1.5	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	25.41	25.76	25.57	26.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	25.47	25.77	25.55	26.0	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	25.48	25.78	25.54	26.0	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	25.48	25.73	25.57	26.0	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	25.52	25.72	25.60	26.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	25.43	25.77	25.60	26.0	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	25.41	25.81	25.65	26.0	0.0	
Channel				647334	656000	664500			
Frequency (MHz)				3712.5	3840	397.5			
25	QPSK	1	1	25.50	25.71	25.54	26.0	0.0	
Channel				647000	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	25.52	25.75	25.57	26.0	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	25.53	25.76	25.59	26.0	0.0	
Channel				647000	656000	664834			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	25.51	25.82	25.59	26.0	0.0	

Part27Q n77 PC2 Ant10 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		25.81				
100	1/2 BPSK	1	137		25.78		26.0	0.0	
100	1/2 BPSK	1	271		25.60				
100	1/2 BPSK	135	0		25.70		26.0	0.0	
100	1/2 BPSK	135	69		25.57		26.0	0.0	
100	1/2 BPSK	135	138		25.63				
100	1/2 BPSK	270	0		25.57		26.0	0.0	
100	QPSK	1	1		25.83				
100	QPSK	1	137		25.67		26.0	0.0	
100	QPSK	1	271		25.76				
100	QPSK	135	0		25.64		26.0	0.0	
100	QPSK	135	69		25.76		26.0	0.0	
100	QPSK	135	138		25.59				
100	QPSK	270	0		25.70		26.0	0.0	
100	16QAM	1	1		25.60		26.0	0.0	
100	64QAM	1	1		25.75		26.0	0.0	
100	256QAM	1	1		24.20		24.5	1.5	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up (dB)		
90	QPSK	1	1	25.74	25.68	25.78	26.0	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up (dB)		
80	QPSK	1	1	26.71	25.77	25.71	26.0	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up (dB)		
70	QPSK	1	1	25.74	25.73	25.69	26.0	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up (dB)		
60	QPSK	1	1	25.73	25.70	25.76	26.0	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up (dB)		
50	QPSK	1	1	25.76	25.68	25.75	26.0	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up (dB)		
40	QPSK	1	1	25.78	25.75	25.77	26.0	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up (dB)		
30	QPSK	1	1	25.75	25.78	25.69	26.0	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up (dB)		
25	QPSK	1	1	25.73	25.78	25.68	26.0	0.0	
Channel				630500	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up (dB)		
20	QPSK	1	1	25.70	25.70	25.70	26.0	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up (dB)		
15	QPSK	1	1	25.71	25.72	25.76	26.0	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up (dB)		
10	QPSK	1	1	25.74	25.73	25.67	26.0	0.0	

Part27O n78 Ant10 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPSK	1	1		23.02				
100	1/2 BPSK	1	137		23.01		23.5	0.0	
100	1/2 BPSK	1	271		23.09				
100	1/2 BPSK	135	0		23.03		23.5	0.0	
100	1/2 BPSK	135	69		23.03		23.5	0.0	
100	1/2 BPSK	135	138		23.05				
100	1/2 BPSK	270	0		23.08		23.5	0.0	
100	QPSK	1	1		23.15				
100	QPSK	1	137		23.02		23.5	0.0	
100	QPSK	1	271		23.10				
100	QPSK	135	0		23.10		23.5	0.0	
100	QPSK	135	69		23.15		23.5	0.0	
100	QPSK	135	138		23.08				
100	QPSK	270	0		23.07		23.5	0.0	
100	16QAM	1	1		23.04		23.5	0.0	
100	64QAM	1	1		23.12		23.5	0.0	
100	256QAM	1	1		23.05		23.5	0.0	
Channel				649668	650000	650334	MPR		
Frequency (MHz)				3745.02	3750	3755.01	up (dB)		
90	QPSK	1	1	22.94	22.96	22.93	23.5	0.0	
Channel				649334	650000	650668	MPR		
Frequency (MHz)				3740.01	3750	3760.02	up (dB)		
80	QPSK	1	1	22.86	22.94	22.83	23.5	0.0	
Channel				649000	650000	651000	MPR		
Frequency (MHz)				3735	3750	3765	up (dB)		
70	QPSK	1	1	22.92	22.89	22.91	23.5	0.0	
Channel				648668	650000	651334	MPR		
Frequency (MHz)				3730.02	3750	3770.01	up (dB)		
60	QPSK	1	1	22.87	22.91	22.85	23.5	0.0	
Channel				648334	650000	651668	MPR		
Frequency (MHz)				3725.01	3750	3775.02	up (dB)		
50	QPSK	1	1	22.88	22.90	22.86	23.5	0.0	
Channel				648000	650000	652000	MPR		
Frequency (MHz)				3720	3750	3780	up (dB)		
40	QPSK	1	1	22.82	22.81	22.84	23.5	0.0	
Channel				647650	650000	652334	MPR		
Frequency (MHz)				3715.02	3750	3785.01	up (dB)		
30	QPSK	1	1	22.98	22.94	22.89	23.5	0.0	
Channel				647500	650000	652500	MPR		
Frequency (MHz)				3712.5	3750	3787.5	up (dB)		
25	QPSK	1	1	22.96	22.94	22.87	23.5	0.0	
Channel				647334	650000	652668	MPR		
Frequency (MHz)				3710.01	3750	3790.02	up (dB)		
20	QPSK	1	1	22.89	22.94	22.92	23.5	0.0	
Channel				647168	650000	652834	MPR		
Frequency (MHz)				3707.52	3750	3792.51	up (dB)		
15	QPSK	1	1	22.97	22.89	22.90	23.5	0.0	
Channel				647000	650000	653000	MPR		
Frequency (MHz)				3705	3750	3795	up (dB)		
10	QPSK	1	1	22.87	22.88	22.96	23.5	0.0	

Part27O n78 PC2 Ant10 DSI3									
BW	Modulat	RB Size	RB	Power	Power	Power	Tune-up	MPR	
(MHz)	ion		Offset	Low	Middle	High	limit		
				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	(dBm)		
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPSK	1	1		26.54				
100	1/2 BPSK	1	137		26.56		27.0	0.0	
100	1/2 BPSK	1	271		26.61				
100	1/2 BPSK	135	0		26.56		27.0	0.0	
100	1/2 BPSK	135	69		26.59		27.0	0.0	
100	1/2 BPSK	135	138		26.54				
100	1/2 BPSK	270	0		26.60		27.0	0.0	
100	QPSK	1	1		26.71				
100	QPSK	1	137		26.48		27.0	0.0	
100	QPSK	1	271		26.58				
100	QPSK	135	0		26.58		27.0	0.0	
100	QPSK	135	69		26.59		27.0	0.0	
100	QPSK	135	138		26.55				
100	QPSK	270	0		26.54		27.0	0.0	
100	16QAM	1	1		26.59		27.0	0.0	
100	64QAM	1	1		26.10		27.0	0.0	
100	256QAM	1	1		24.10		24.5	2.5	
Channel				649668	650000	650334	MPR		
Frequency (MHz)				3745.02	3750	3755.01	up (dB)		
90	QPSK	1	1	26.58	26.60	26.59	27.0	0.0	
Channel				649334	650000	650668	MPR		
Frequency (MHz)				3740.01	3750	3760.02	up (dB)		
80	QPSK	1	1	26.57	26.58	26.57	27.0	0.0	
Channel				649000	650000	651000	MPR		
Frequency (MHz)				3735	3750	3765	up (dB)		
70	QPSK	1	1	26.58	26.59	26.67	27.0	0.0	
Channel				648668	650000	651334	MPR		
Frequency (MHz)				3730.02	3750	3770.01	up (dB)		
60	QPSK	1	1	26.66	26.67	26.60	27.0	0.0	
Channel				648334	650000	651668	MPR		
Frequency (MHz)				3725.01	3750	3775.02	up (dB)		
50	QPSK	1	1	26.61	26.64	26.67	27.0	0.0	
Channel				648000	650000	652000	MPR		
Frequency (MHz)				3720	3750	3780	up (dB)		
40	QPSK	1	1	26.59	26.62	26.66	27.0	0.0	
Channel				647668	650000	652334	MPR		
Frequency (MHz)				3715.02	3750	3785.01	up (dB)		
30	QPSK	1	1	26.65	26.61	26.60	27.0	0.0	
Channel				647350	650000	652500	MPR		
Frequency (MHz)				3712.5	3750	3787.5	up (dB)		
25	QPSK	1	1	26.64	26.65	26.62	27.0	0.0	
Channel				647034	650000	652668	MPR		
Frequency (MHz)				6470.01	3750	3790.02	up (dB)		
20	QPSK	1	1	26.56	26.64	26.64	27.0	0.0	
Channel				647168	650000	652684	MPR		
Frequency (MHz)				3707.52	3750	3792.51	up (dB)		
15	QPSK	1	1	26.58	26.61	26.62	27.0	0.0	
Channel				647000	650000	653000	MPR		
Frequency (MHz)				3705	3750	3795	up (dB)		
10	QPSK	1	1	26.65	26.60	26.64	27.0	0.0	

Part27Q n78 PC2 Ant10 DSI3								
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	26.39			27.0	0.0
100	1/2 BPSK	1	137	26.40				
100	1/2 BPSK	1	271	26.48			27.0	0.0
100	1/2 BPSK	135	0	26.52				
100	1/2 BPSK	135	69	26.46			27.0	0.0
100	1/2 BPSK	135	138	26.41				
100	1/2 BPSK	270	0	26.45			27.0	0.0
100	QPSK	1	1	26.60				
100	QPSK	1	137	26.52			27.0	0.0
100	QPSK	1	271	26.43				
100	QPSK	135	0	26.48			27.0	0.0
100	QPSK	135	69	26.56				
100	QPSK	135	138	26.52			27.0	0.0
100	QPSK	270	0	26.51				
100	16QAM	1	1	26.40			27.0	0.0
100	64QAM	1	1	26.10				
100	256QAM	1	1	24.01			24.5	2.5
Channel				633000	633334	633668	Tune up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.52	26.50	26.53	27.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510	Tune up limit	MPR (dB)
80	QPSK	1	1	26.48	26.52	26.54		
Channel				632314	633334	634354	Tune up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.49	26.47	26.47	27.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02	Tune up limit	MPR (dB)
60	QPSK	1	1	26.54	26.53	26.49		
Channel				631668	633334	635000	Tune up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.54	26.46	26.52	27.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01	Tune up limit	MPR (dB)
40	QPSK	1	1	26.54	26.48	26.47		
Channel				631000	633334	635668	Tune up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.46	26.52	26.45	27.0	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51	Tune up limit	MPR (dB)
25	QPSK	1	1	26.55	26.53	26.48		
Channel				630500	633334	636000	Tune up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.45	26.48	26.49	27.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52	Tune up limit	MPR (dB)
15	QPSK	1	1	26.52	26.48	26.53		
Channel				630334	633334	636334	Tune up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.47	26.54	26.46	27.0	0.0

Reduced Power Mode for DS14_Main PA

n5 Ant0 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	25.29	25.29	25.29			
20	1/2 BPSK	1	53	25.31	25.28	25.24	25.7	0.0	
20	1/2 BPSK	1	104	25.11	25.13	25.14			
20	1/2 BPSK	50	0	24.69	24.70	24.63	25.2	0.5	
20	1/2 BPSK	50	28	25.28	25.32	25.26	25.7	0.0	
20	1/2 BPSK	50	56	24.62	24.72	24.63			
20	1/2 BPSK	100	0	24.82	24.77	24.82	25.2	0.5	
20	QPSK	1	1	25.29	25.33	25.27			
20	QPSK	1	53	25.32	25.32	25.24	25.7	0.0	
20	QPSK	1	104	25.13	25.09	25.09			
20	QPSK	50	0	24.23	24.27	24.26	24.7	1.0	
20	QPSK	50	28	25.20	25.23	25.21	25.7	0.0	
20	QPSK	50	56	24.15	24.08	24.08			
20	QPSK	100	0	24.26	24.29	24.28	24.7	1.0	
20	16QAM	1	1	24.16	24.15	24.20	24.7	1.0	
20	64QAM	1	1	22.63	22.62	22.60	23.2	2.5	
20	256QAM	1	1	20.49	20.51	20.56	21.2	4.5	
Channel				166300	167300	168300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	25.24	25.19	25.17	25.7	0.0	
Channel				165800	167300	168800	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	25.22	25.22	25.13	25.7	0.0	
Channel				165300	167300	169300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	25.14	25.26	25.21	25.7	0.0	

n12 Ant0 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	1/2 BPSK	1	1	25.39	25.39	25.48			
15	1/2 BPSK	1	40	25.41	25.43	25.38	25.7	0.0	
15	1/2 BPSK	1	77	25.32	25.35	25.29			
15	1/2 BPSK	36	0	24.88	24.83	24.89	25.2	0.5	
15	1/2 BPSK	36	22	25.43	25.39	25.45	25.7	0.0	
15	1/2 BPSK	36	43	24.84	24.80	24.79			
15	1/2 BPSK	75	0	24.93	24.99	24.90	25.2	0.5	
15	QPSK	1	1	25.47	25.52	25.48			
15	QPSK	1	40	25.48	25.43	25.38	25.7	0.0	
15	QPSK	1	77	25.33	25.24	25.26			
15	QPSK	36	0	24.37	24.46	24.43	24.7	1.0	
15	QPSK	36	22	25.44	25.47	25.43	25.7	0.0	
15	QPSK	36	43	24.33	24.27	24.23			
15	QPSK	75	0	24.48	24.52	24.45	24.7	1.0	
15	16QAM	1	1	24.26	24.37	24.32	24.7	1.0	
15	64QAM	1	1	22.84	22.73	22.82	23.2	2.5	
15	256QAM	1	1	20.71	20.73	20.66	21.2	4.5	
Channel				140800	141500	142200	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	25.41	25.46	25.43	25.7	0.0	
Channel				140300	141500	142700	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	25.32	25.43	25.40	25.7	0.0	

n26 Ant0 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	1/2 BPSK	1	1	25.34	25.35	25.33			
20	1/2 BPSK	1	53	25.25	25.30	25.28	25.7	0.0	
20	1/2 BPSK	1	104	25.19	25.11	25.09			
20	1/2 BPSK	50	0	24.74	24.66	24.76	25.2	0.5	
20	1/2 BPSK	50	28	25.29	25.27	25.36	25.7	0.0	
20	1/2 BPSK	50	56	24.68	24.74	24.73			
20	1/2 BPSK	100	0	24.78	24.79	24.79	25.2	0.5	
20	QPSK	1	1	25.35	25.39	25.37			
20	QPSK	1	53	25.36	25.33	25.27	25.7	0.0	
20	QPSK	1	104	25.14	25.14	25.09			
20	QPSK	50	0	24.32	24.28	24.22	24.7	1.0	
20	QPSK	50	28	25.29	25.34	25.31	25.7	0.0	
20	QPSK	50	56	24.05	24.09	24.09			
20	QPSK	100	0	24.35	24.36	24.29	24.7	1.0	
20	16QAM	1	1	24.15	24.19	24.11	24.7	1.0	
20	64QAM	1	1	22.59	22.59	22.58	23.2	2.5	
20	256QAM	1	1	20.48	20.46	20.53	21.2	4.5	
Channel				164300	166300	168300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	25.22	25.24	25.23	25.7	0.0	
Channel				163800	166300	168800	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	25.30	25.32	25.27	25.7	0.0	
Channel				163300	166300	169300	↑ tune-up limit	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	25.24	25.33	25.33	25.7	0.0	

n71 Ant0 DSI4								
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel				136100			25.7	0.0
Frequency (MHz)				680.5				
35	1/2 BPSK	1	1	25.24				
35	1/2 BPSK	1	90	25.14				
35	1/2 BPSK	1	186	25.10			25.2	0.5
35	1/2 BPSK	90	0	24.60				
35	1/2 BPSK	90	45	25.20				
35	1/2 BPSK	90	90	24.58				
35	1/2 BPSK	180	0	24.70			25.7	0.0
35	QPSK	1	1	25.25				
35	QPSK	1	90	25.18				
35	QPSK	1	186	25.00				
35	QPSK	90	0	24.16			24.7	1.0
35	QPSK	90	45	25.21				
35	QPSK	90	90	24.06				
35	QPSK	180	0	24.23				
35	16QAM	1	1	24.04			24.7	1.0
35	64QAM	1	1	22.54				
35	256QAM	1	1	20.48				
Channel				135600	136100	136600	25.7	0.0
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	25.14	25.19	25.10		
Channel				135100	136100	137100	25.7	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	25.12	25.10	25.18		
Channel				134600	136100	137600	25.7	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	25.18	25.13	25.15		
Channel				134100	136100	138100	25.7	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	25.10	25.14	25.17		
Channel				133600	136100	138600	25.7	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	25.14	25.15	25.14		
Channel				133100	136100	139100	25.7	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	25.15	25.15	25.08		

n5 Ant1 DSI4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	1/2 BPSK	1	1	21.48	21.52	21.44	
20	1/2 BPSK	1	53	21.50	21.50	21.43	21.7
20	1/2 BPSK	1	104	21.42	21.55	21.41	
20	1/2 BPSK	50	0	21.51	21.57	21.48	21.7
20	1/2 BPSK	50	28	21.42	21.51	21.43	21.7
20	1/2 BPSK	50	56	21.42	21.46	21.39	
20	1/2 BPSK	100	0	21.51	21.49	21.43	21.7
20	QPSK	1	1	21.41	21.65	21.46	
20	QPSK	1	53	21.50	21.55	21.48	21.7
20	QPSK	1	104	21.45	21.52	21.43	
20	QPSK	50	0	21.51	21.48	21.45	21.7
20	QPSK	50	28	21.50	21.55	21.42	21.7
20	QPSK	50	56	21.52	21.54	21.46	
20	QPSK	100	0	21.43	21.50	21.39	21.7
20	16QAM	1	1	21.51	21.54	21.48	21.7
20	64QAM	1	1	21.45	21.48	21.46	21.7
20	256QAM	1	1	21.06	21.10	21.00	21.2
Channel				168200	167200	168200	MPR
Frequency (MHz)				831.5	836.5	841.5	up (dB)
15	QPSK	1	1	21.44	21.51	21.45	21.7
Channel				165900	167300	168800	MPR
Frequency (MHz)				829	836.5	844	up (dB)
10	QPSK	1	1	21.48	21.53	21.39	21.7
Channel				163200	167200	168200	MPR
Frequency (MHz)				826.5	836.5	846.5	up (dB)
5	QPSK	1	1	21.39	21.46	21.45	21.7

n12 Ant1 DSI4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	1/2 BPSK	1	1	25.39	25.38	25.49	
15	1/2 BPSK	1	40	25.47	25.40	25.39	25.7
15	1/2 BPSK	1	77	25.27	25.39	25.30	
15	1/2 BPSK	36	0	24.89	24.82	24.86	25.2
15	1/2 BPSK	36	22	25.38	25.43	25.41	25.7
15	1/2 BPSK	36	43	24.89	24.85	24.80	
15	1/2 BPSK	75	0	24.89	24.94	24.93	25.2
15	QPSK	1	1	25.54	25.63	25.57	
15	QPSK	1	40	25.53	25.41	25.40	25.7
15	QPSK	1	77	25.35	25.30	25.32	
15	QPSK	36	0	24.36	24.41	24.37	24.7
15	QPSK	36	22	25.51	25.58	25.49	25.7
15	QPSK	36	43	24.33	24.31	24.28	
15	QPSK	75	0	24.53	24.55	24.49	24.7
15	16QAM	1	1	24.23	24.40	24.28	24.7
15	64QAM	1	1	22.81	22.69	22.80	23.2
15	256QAM	1	1	20.72	20.70	20.70	21.2
Channel				140800	141500	142200	MPR
Frequency (MHz)				704	707.5	711	up (dB)
10	QPSK	1	1	25.53	25.51	25.49	25.7
Channel				140300	141500	142700	MPR
Frequency (MHz)				701.5	707.5	713.5	up (dB)
5	QPSK	1	1	25.46	25.53	25.52	25.7

n26 Ant1 DSI4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	1/2 BPSK	1	1	22.52	22.59	22.59	
20	1/2 BPSK	1	53	22.52	22.56	22.50	22.7
20	1/2 BPSK	1	104	22.51	22.56	22.56	
20	1/2 BPSK	50	0	22.58	22.52	22.53	22.7
20	1/2 BPSK	50	28	22.54	22.63	22.51	22.7
20	1/2 BPSK	50	56	22.53	22.55	22.56	
20	1/2 BPSK	100	0	22.50	22.57	22.51	22.7
20	QPSK	1	1	22.58	22.65	22.56	
20	QPSK	1	53	22.49	22.54	22.52	22.7
20	QPSK	1	104	22.55	22.60	22.60	
20	QPSK	50	0	22.52	22.63	22.58	22.7
20	QPSK	50	28	22.53	22.64	22.58	22.7
20	QPSK	50	56	22.52	22.55	22.51	
20	QPSK	100	0	22.49	22.60	22.56	22.7
20	16QAM	1	1	22.55	22.52	22.53	22.7
20	64QAM	1	1	22.54	22.60	22.57	22.7
20	256QAM	1	1	21.03	21.08	21.09	21.2
Channel				164300	166300	168300	MPR
Frequency (MHz)				821.5	831.5	841.5	up (dB)
15	QPSK	1	1	22.48	22.52	22.47	22.7
Channel				163800	166300	168800	MPR
Frequency (MHz)				819	831.5	844	up (dB)
10	QPSK	1	1	22.50	22.43	22.51	22.7
Channel				163300	166300	169300	MPR
Frequency (MHz)				816.5	831.5	846.5	up (dB)
5	QPSK	1	1	22.44	22.41	22.52	22.7

n71 Ant1 DSI4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				136100			
Frequency (MHz)				680.5			
35	1/2 BPSK	1	1		25.24		
35	1/2 BPSK	1	90		25.18		25.7
35	1/2 BPSK	1	186		25.18		
35	1/2 BPSK	90	0		24.69		25.2
35	1/2 BPSK	90	45		25.19		25.7
35	1/2 BPSK	90	90		24.55		
35	1/2 BPSK	180	0		24.82		25.2
35	QPSK	1	1		25.32		
35	QPSK	1	90		25.24		25.7
35	QPSK	1	186		25.10		
35	QPSK	90	0		24.25		24.7
35	QPSK	90	45		25.28		25.7
35	QPSK	90	90		24.10		
35	QPSK	180	0		24.24		24.7
35	16QAM	1	1		24.18		24.7
35	64QAM	1	1		22.47		23.2
35	256QAM	1	1		20.56		21.2
Channel				136600	136100	136600	MPR
Frequency (MHz)				678	680.5	683	up (dB)
30	QPSK	1	1	25.21	25.16	25.23	25.7
Channel				135100	136100	137100	MPR
Frequency (MHz)				675.5	680.5	685.5	up (dB)
25	QPSK	1	1	25.17	25.19	25.22	25.7
Channel				134600	136100	137600	MPR
Frequency (MHz)				673	680.5	688	up (dB)
20	QPSK	1	1	25.21	25.19	25.19	25.7
Channel				134100	136100	138100	MPR
Frequency (MHz)				670.5	680.5	693.5	up (dB)
15	QPSK	1	1	25.19	25.25	25.19	25.7
Channel				133600	136100	138600	MPR
Frequency (MHz)				668	680.5	693	up (dB)
10	QPSK	1	1	25.22	25.26	25.25	25.7
Channel				133100	136100	139100	MPR
Frequency (MHz)				665.5	680.5	695.5	up (dB)
5	QPSK	1	1	25.18	25.17	25.28	25.7

n2 Ant5 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	1/2 BPSK	1	1	24.14	24.27	24.14			
40	1/2 BPSK	1	108	24.21	24.33	24.21	25.0	0.0	
40	1/2 BPSK	1	214	24.29	24.42	24.38			
40	1/2 BPSK	108	0	23.83	23.87	23.74	24.5	0.5	
40	1/2 BPSK	108	54	24.31	24.36	24.27	25.0	0.0	
40	1/2 BPSK	108	108	24.03	24.05	23.93			
40	1/2 BPSK	216	0	23.91	24.03	23.91	24.5	0.5	
40	QPSK	1	1	24.57	24.62	24.54			
40	QPSK	1	108	24.36	24.45	24.33	25.0	0.0	
40	QPSK	1	214	24.44	24.52	24.41			
40	QPSK	108	0	23.32	23.43	23.32	24.0	1.0	
40	QPSK	108	54	24.43	24.54	24.45	25.0	0.0	
40	QPSK	108	108	23.52	23.57	23.48			
40	QPSK	216	0	23.54	23.64	23.58	24.0	1.0	
40	16QAM	1	1	23.20	23.29	23.17	24.0	1.0	
40	64QAM	1	1	21.62	21.72	21.67	22.5	2.5	
40	256QAM	1	1	19.58	19.57	19.61	20.5	4.5	
Channel				373000	376000	379000			
Frequency (MHz)				1887.5	1880	1892.5			
35	QPSK	1	1	24.48	24.58	24.44	25.0	0.0	
Channel				373000	376000	379000			
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	24.50	24.58	24.49	25.0	0.0	
Channel				372000	376000	379000			
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	24.52	24.50	24.48	25.0	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1860	1860			
20	QPSK	1	1	24.44	24.58	24.41	25.0	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	24.51	24.58	24.47	25.0	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1865	1860	1865			
10	QPSK	1	1	24.55	24.59	24.42	25.0	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1862.5	1880	1907.5			
5	QPSK	1	1	24.43	24.59	24.49	25.0	0.0	

n7 Ant5 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	25.32	25.35	25.23			
50	1/2 BPSK	1	138	25.22	25.24	25.16	25.5	0.0	
50	1/2 BPSK	1	268	25.24	25.30	25.22			
50	1/2 BPSK	135	0	24.77	24.86	24.78	25.0	0.5	
50	1/2 BPSK	135	68	25.20	25.33	25.28	25.5	0.0	
50	1/2 BPSK	135	138	24.83	24.88	24.86			
50	1/2 BPSK	270	0	24.71	24.79	24.70	25.0	0.5	
50	QPSK	1	1	25.33	25.36	25.31			
50	QPSK	1	138	24.85	24.99	24.91	25.5	0.0	
50	QPSK	1	268	24.91	25.01	24.99			
50	QPSK	135	0	24.31	24.44	24.42	24.5	1.0	
50	QPSK	135	68	25.28	25.31	25.27	25.5	0.0	
50	QPSK	135	138	24.35	24.43	24.38			
50	QPSK	270	0	24.34	24.42	24.30	24.5	1.0	
50	16QAM	1	1	24.24	24.36	24.29	24.5	1.0	
50	64QAM	1	1	22.75	22.81	22.67	23.0	2.5	
50	256QAM	1	1	20.63	20.88	20.81	21.0	4.5	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	25.27	25.29	25.21	25.5	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	25.18	25.31	25.21	25.5	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	25.19	25.34	25.24	25.5	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	25.27	25.33	25.20	25.5	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	25.29	25.26	25.20	25.5	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	25.20	25.24	25.26	25.5	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	25.26	25.28	25.20	25.5	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	25.29	25.33	25.22	25.5	0.0	

n25 Ant5 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	24.24	24.31	24.22			
40	1/2 BPSK	1	108	24.21	24.28	24.25	25.0	0.0	
40	1/2 BPSK	1	214	24.19	24.23	24.13			
40	1/2 BPSK	108	0	23.72	23.84	23.72	24.5	0.5	
40	1/2 BPSK	108	54	24.37	24.39	24.34	25.0	0.0	
40	1/2 BPSK	108	108	24.01	24.06	23.97			
40	1/2 BPSK	216	0	24.03	24.12	24.06	24.5	0.5	
40	QPSK	1	1	24.40	24.44	24.42			
40	QPSK	1	108	24.14	24.27	24.23	25.0	0.0	
40	QPSK	1	214	24.23	24.31	24.27			
40	QPSK	108	0	23.34	23.39	23.36	24.0	1.0	
40	QPSK	108	54	24.30	24.42	24.35	25.0	0.0	
40	QPSK	108	108	23.48	23.54	23.48			
40	QPSK	216	0	23.55	23.63	23.81	24.0	1.0	
40	16QAM	1	1	23.13	23.24	23.16	24.0	1.0	
40	64QAM	1	1	21.55	21.65	21.51	22.5	2.5	
40	256QAM	1	1	19.58	19.63	19.58	20.5	4.5	
Channel				373500	376500	379500			
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	24.35	24.30	24.38	25.0	0.0	
Channel				373000	376500	380000			
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	24.38	24.30	24.32	25.0	0.0	
Channel				372500	376500	380500			
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	24.36	24.31	24.32	25.0	0.0	
Channel				372000	376500	381000			
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	24.34	24.31	24.36	25.0	0.0	
Channel				371500	376500	381500			
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	24.29	24.34	24.30	25.0	0.0	
Channel				371000	376500	382000			
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	24.38	24.39	24.38	25.0	0.0	
Channel				370500	376500	382500			
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	24.35	24.38	24.31	25.0	0.0	

n38 Ant5 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	516000	516996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	25.27	25.34	25.31			
40	1/2 BPSK	1	53	25.07	25.18	25.12	25.7	0.0	
40	1/2 BPSK	1	104	25.09	25.21	25.17			
40	1/2 BPSK	50	0	24.69	24.79	24.77	25.2	0.5	
40	1/2 BPSK	50	25	25.21	25.30	25.16	25.7	0.0	
40	1/2 BPSK	50	56	24.57	24.71	24.66			
40	1/2 BPSK	100	0	24.69	24.81	24.75	25.2	0.5	
40	QPSK	1	1	25.35	25.38	25.34			
40	QPSK	1	53	25.13	25.21	25.10	25.7	0.0	
40	QPSK	1	104	25.24	25.28	25.16			
40	QPSK	50	0	24.24	24.29	24.26	24.7	1.0	
40	QPSK	50	25	25.21	25.33	25.24	25.7	0.0	
40	QPSK	50	56	24.19	24.24	24.19			
40	QPSK	100	0	24.17	24.29	24.23	24.7	1.0	
40	16QAM	1	1	24.20	24.28	24.18	24.7	1.0	
40	64QAM	1	1	22.75	22.78	22.70	23.2	2.5	
40	256QAM	1	1	20.55	20.68	20.62	21.2	4.5	
Channel				517002	516000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	25.19	25.22	25.27	25.7	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	25.26	25.30	25.19	25.7	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	25.27	25.29	25.21	25.7	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	25.20	25.24	25.30	25.7	0.0	
Channel				516004	519000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	25.22	25.31	25.30	25.7	0.0	

n41 Ant5 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	24.91	24.98	24.93			
100	1/2 BPSK	1	137	24.97	25.02	24.98	25.5	0.0	
100	1/2 BPSK	1	271	24.94	25.02	24.88			
100	1/2 BPSK	135	0	24.93	25.02	24.91	25.5	0.0	
100	1/2 BPSK	135	69	24.99	25.00	24.90	25.5	0.0	
100	1/2 BPSK	135	138	24.98	25.03	24.80			
100	1/2 BPSK	270	0	24.91	25.02	24.89	25.5	0.0	
100	QPSK	1	1	24.99	25.05	24.90			
100	QPSK	1	137	24.92	24.95	24.95	25.5	0.0	
100	QPSK	1	271	24.92	24.99	24.98			
100	QPSK	135	0	24.49	24.58	24.41	25.0	0.5	
100	QPSK	135	69	24.95	24.98	24.95	25.5	0.0	
100	QPSK	135	138	24.54	24.55	24.34			
100	QPSK	270	0	24.54	24.58	24.39	25.0	0.5	
100	16QAM	1	1	24.49	24.57	24.43	25.0	0.5	
100	64QAM	1	1	22.94	23.02	22.92	23.5	2.0	
100	256QAM	1	1	21.01	21.00	20.90	21.5	4.0	
Channel				520000	518598	529998			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	24.87	25.00	24.81	25.5	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	24.91	24.93	24.77	25.5	0.0	
Channel				520000	511550	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	24.85	24.96	24.85	25.5	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	24.87	24.99	24.80	25.5	0.0	
Channel				520000	511550	532996			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	24.85	24.92	24.81	25.5	0.0	
Channel				503700	518598	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	24.95	24.91	24.78	25.5	0.0	
Channel				520000	511550	533000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	24.89	24.94	24.80	25.5	0.0	
Channel				502704	518598	534496			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	24.94	24.96	24.76	25.5	0.0	
Channel				502200	511550	533996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	24.92	24.95	24.85	25.5	0.0	
Channel				501702	518598	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	24.85	24.93	24.84	25.5	0.0	
Channel				501204	518598	536996			
Frequency (MHz)				2506.52	2592.99	2679.99			
20	QPSK	1	1	24.88	24.96	24.78	25.5	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	24.90	24.93	24.81	25.5	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.51	2592.99	2684			
10	QPSK	1	1	24.86	24.90	24.79	25.5	0.0	

n48 Ant5 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	23.19	23.31	23.18			
40	1/2 BPSK	1	53	23.28	23.33	23.23	24.5	0.0	
40	1/2 BPSK	1	104	23.27	23.34	23.24			
40	1/2 BPSK	50	0	22.89	22.91	22.85	24.0	0.5	
40	1/2 BPSK	50	25	23.32	23.36	23.29	24.5	0.0	
40	1/2 BPSK	50	56	22.95	22.98	22.90			
40	1/2 BPSK	100	0	22.83	22.92	22.79	24.0	0.5	
40	QPSK	1	1	23.42	23.46	23.39			
40	QPSK	1	53	23.24	23.29	23.17	24.5	0.0	
40	QPSK	1	104	23.25	23.34	23.31			
40	QPSK	50	0	22.33	22.42	22.32	23.5	1.0	
40	QPSK	50	25	23.27	23.31	23.21	24.5	0.0	
40	QPSK	50	56	22.32	22.36	22.29			
40	QPSK	100	0	22.33	22.37	22.30	23.5	1.0	
40	16QAM	1	1	22.18	22.31	22.20	23.5	1.0	
40	64QAM	1	1	20.76	20.79	20.71	22.0	2.5	
40	256QAM	1	1	18.72	18.85	18.80	20.0	4.5	
Channel				637008	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	23.37	23.35	23.37	24.5	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	23	23.38	23.43	23.25	MPR	
Channel				637618	641666	648166			
Frequency (MHz)				3570.72	3624.99	368166			
15	QPSK	1	1	23.33	23.32	23.32	24.5	0.0	
Channel				635970	641666	648332			
Frequency (MHz)				3565	3624.99	3684.98			
10	QPSK	1	1	23.36	23.38	23.37	24.5	0.0	

Part270 n77 PC2 Ant5 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				650000	656000	662000			
100	1/2 BPSK	1	1	27.59	27.74	27.59			
100	1/2 BPSK	1	137	27.57	27.64	27.50	28.5	0.0	
100	1/2 BPSK	1	271	27.54	27.64	27.53			
100	1/2 BPSK	135	0	27.12	27.21	27.10	28.0	0.5	
100	1/2 BPSK	135	69	27.55	27.72	27.65	28.5	0.0	
100	1/2 BPSK	135	138	27.06	27.13	27.02			
100	1/2 BPSK	270	0	27.06	27.10	27.08	28.0	0.5	
100	QPSK	1	1	27.67	27.80	27.74			
100	QPSK	1	137	27.52	27.67	27.48	28.5	0.0	
100	QPSK	1	271	27.65	27.70	27.68			
100	QPSK	135	0	26.45	26.61	26.51	27.5	1.0	
100	QPSK	135	69	27.58	27.61	27.59	28.5	0.0	
100	QPSK	135	138	26.62	26.64	26.51			
100	QPSK	270	0	26.69	26.71	26.67	27.5	1.0	
100	16QAM	1	1	26.65	26.63	26.57	27.5	1.0	
100	64QAM	1	1	25.16	25.33	25.17	26.0	2.5	
100	256QAM	1	1	23.31	23.35	23.25	24.0	4.5	
Channel				648668	650000	662334	up		MPR
Frequency (MHz)				3745.02	3840	3935.01	up		
90	QPSK	1	1	27.63	27.72	27.62	28.5	0.0	
Channel				649334	650000	662668	up		MPR
Frequency (MHz)				3740.01	3840	3940.02	up		
80	QPSK	1	1	27.57	27.74	27.65	28.5	0.0	
Channel				649200	650000	663000	up		MPR
Frequency (MHz)				3735	3840	3945	up		
70	QPSK	1	1	27.54	27.67	27.59	28.5	0.0	
Channel				648668	650000	663334	up		MPR
Frequency (MHz)				3730.02	3840	3950.01	up		
60	QPSK	1	1	27.56	27.75	27.67	28.5	0.0	
Channel				648334	650000	663668	up		MPR
Frequency (MHz)				3725.01	3840	3965.02	up		
50	QPSK	1	1	27.62	27.74	27.60	28.5	0.0	
Channel				648000	650000	664000	up		MPR
Frequency (MHz)				3720	3840	3960	up		
40	QPSK	1	1	27.54	27.75	27.67	28.5	0.0	
Channel				647668	650000	664334	up		MPR
Frequency (MHz)				3715.02	3840	3965.01	up		
30	QPSK	1	1	27.55	27.73	27.69	28.5	0.0	
Channel				647500	650000	664500	up		MPR
Frequency (MHz)				3712.5	3840	3967.5	up		
25	QPSK	1	1	27.60	27.68	27.58	28.5	0.0	
Channel				647334	650000	664668	up		MPR
Frequency (MHz)				3710.01	3840	3970.02	up		
20	QPSK	1	1	27.55	27.73	27.64	28.5	0.0	
Channel				647168	650000	664834	up		MPR
Frequency (MHz)				3707.52	3840	3972.51	up		
15	QPSK	1	1	27.60	27.69	27.68	28.5	0.0	
Channel				647000	650000	665000	up		MPR
Frequency (MHz)				3705	3840	3975	up		
10	QPSK	1	1	27.59	27.69	27.66	28.5	0.0	

Part27Q n77 Ant5 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		23.89				
100	1/2 BPSK	1	137		23.90		25.0	0.0	
100	1/2 BPSK	1	271		24.01				
100	1/2 BPSK	135	0		23.96		25.0	0.0	
100	1/2 BPSK	135	69		23.99		25.0	0.0	
100	1/2 BPSK	135	138		24.03		25.0	0.0	
100	1/2 BPSK	270	0		23.95				
100	QPSK	1	1		24.08				
100	QPSK	1	137		23.96		25.0	0.0	
100	QPSK	1	271		23.95				
100	QPSK	135	0		23.97		25.0	0.0	
100	QPSK	135	69		24.05		25.0	0.0	
100	QPSK	135	138		23.94				
100	QPSK	270	0		24.01		25.0	0.0	
100	16QAM	1	1		23.99		25.0	0.0	
100	64QAM	1	1		23.48		24.5	0.5	
100	256QAM	1	1		20.94		22.5	2.5	
Channel				633000	633334	633668	up	MPR	(dB)
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	23.87	23.91	23.94	25.0	0.0	
Channel				632668	633334	634000	up	MPR	(dB)
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	23.91	23.80	23.61	25.0	0.0	
Channel				632334	633334	634334	up	MPR	(dB)
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	23.88	23.87	23.98	25.0	0.0	
Channel				632000	633334	634668	up	MPR	(dB)
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	23.95	23.96	23.87	25.0	0.0	
Channel				631668	633334	635000	up	MPR	(dB)
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	23.98	23.95	23.89	25.0	0.0	
Channel				631334	633334	635334	up	MPR	(dB)
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	23.90	23.90	23.95	25.0	0.0	
Channel				631000	633334	635668	up	MPR	(dB)
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	23.97	23.89	23.98	25.0	0.0	
Channel				630834	633334	635834	up	MPR	(dB)
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	23.89	23.87	23.91	25.0	0.0	
Channel				630668	633334	636000	up	MPR	(dB)
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	23.97	23.95	23.90	25.0	0.0	
Channel				630500	633334	636168	up	MPR	(dB)
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	23.89	23.87	23.92	25.0	0.0	
Channel				630334	633334	636334	up	MPR	(dB)
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	23.96	23.90	23.94	25.0	0.0	

Part27Q n77 PC2 Ant5 DSI4									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit [dBm]	MPR [dB]	
Channel									
Frequency [MHz]				34900	35000	35050	0.2		
100	1/2 BPSK	1	1		26.97				
100	1/2 BPSK	1	137		26.74		28.5	0.0	
100	1/2 BPSK	1	271		26.93				
100	1/2 BPSK	135	0		26.35		28.0	0.5	
100	1/2 BPSK	135	69		26.84		28.5	0.0	
100	1/2 BPSK	135	138		26.28				
100	1/2 BPSK	270	0		26.20		28.0	0.5	
100	QPSK	1	1		27.06				
100	QPSK	1	137		26.79		28.5	0.0	
100	QPSK	1	271		26.82				
100	QPSK	135	0		25.85		27.5	1.0	
100	QPSK	135	69		26.76		28.5	0.0	
100	QPSK	135	138		25.81				
100	16QAM	1	1		25.89		27.5	1.0	
100	64QAM	1	1		25.42		26.0	2.5	
100	256QAM	1	1		22.48		24.5	4.0	
Channel									
Frequency [MHz]				34900	35000	35050	0.2		
90	QPSK	1	1	27.01	26.96	27.02	28.5	0.0	
Channel				342668	343334	344000			
80	QPSK	1	1	34.01	34.02	34.01	28.5	0.0	
Channel				332334	333000	333666			
Frequency [MHz]				3485.01	3500.01	3515.01			
70	QPSK	1	1	26.97	27.00	26.91	28.5	0.0	
Channel				342000	343334	344668			
Frequency [MHz]				3480	3500	3520	0.2		
60	QPSK	1	1	26.92	26.95	26.91	28.5	0.0	
Channel				331668	333000	334332			
Frequency [MHz]				3475.02	3500.01	3525			
50	QPSK	1	1	26.99	26.96	26.96	28.5	0.0	
Channel				341334	343334	345334			
Frequency [MHz]				3470.01	3500.01	3530.01			
40	QPSK	1	1	26.98	26.98	26.98	28.5	0.0	
Channel				332000	333334	334668			
Frequency [MHz]				3465	3500.01	3535.02			
30	QPSK	1	1	26.90	26.95	27.00	28.5	0.0	
Channel				609834	613334	616834			
Frequency [MHz]				3462.31	3500.01	3537.31			
25	QPSK	1	1	26.97	26.98	26.96	28.5	0.0	
Channel				346668	343334	340000			
Frequency [MHz]				3500.02	3500.01	3540			
20	QPSK	1	1	27.00	26.96	26.97	28.5	0.0	
Channel				609500	613334	616168			
Frequency [MHz]				3437.31	3500.01	3573.32			
15	QPSK	1	1	26.99	26.94	26.96	28.5	0.0	
Channel				343334	343334	343334			
Frequency [MHz]				3455.01	3500.01	3545.01			
10	QPSK	1	1	26.97	26.96	26.95	28.5	0.0	

Part270 n78 PC2 Ant5 DSI4									
BW MHz	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1		27.25				
100	1/2 BPS	1	137		27.25		27.5	0.0	
100	1/2 BPS	1	271		27.18				
100	1/2 BPS	135	0		27.26		27.5	0.0	
100	1/2 BPS	135	69		27.26		27.5	0.0	
100	1/2 BPS	135	138		27.14				
100	1/2 BPS	270	0		27.21		27.5	0.0	
100	QPSK	1	1		27.29				
100	QPSK	1	137		27.20		27.5	0.0	
100	QPSK	1	271		27.23				
100	QPSK	135	0		27.16		27.5	0.0	
100	QPSK	135	69		27.23		27.5	0.0	
100	QPSK	135	138		27.08				
100	QPSK	270	0		27.22		27.5	0.0	
100	16QAM	1	1		27.28		27.5	0.0	
100	64QAM	1	1		25.68		26.0	1.5	
100	256QAM	1	1		23.58		24.0	3.5	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	27.15	27.24	27.18	27.5	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	27.21	27.19	27.14	27.5	0.0	
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	27.19	27.21	27.21	27.5	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	27.19	27.19	27.15	27.5	0.0	
Channel				649334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	27.19	27.21	27.23	27.5	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	27.17	27.24	27.22	27.5	0.0	
Channel				647668	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	27.14	27.24	27.15	27.5	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	27.17	27.21	27.17	27.5	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	27.23	27.22	27.18	27.5	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	27.25	27.14	27.20	27.5	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1	27.16	27.16	27.25	27.5	0.0	

Part27Q n78 Ant5 DSI4									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		23.54				
100	1/2 BPS	1	137		23.52		24.0	0.0	
100	1/2 BPS	1	271		23.52				
100	1/2 BPS	135	0		23.53		24.0	0.0	
100	1/2 BPS	135	69		23.51		24.0	0.0	
100	1/2 BPS	138	138		23.48				
100	1/2 BPS	270	0		23.58		24.0	0.0	
100	QPSK	1	1		23.61				
100	QPSK	1	137		23.48		24.0	0.0	
100	QPSK	1	271		23.52				
100	QPSK	135	0		23.46		24.0	0.0	
100	QPSK	135	69		23.59		24.0	0.0	
100	QPSK	138	138		23.44				
100	QPSK	270	0		23.49		24.0	0.0	
100	16QAM	1	1		23.48		24.0	0.0	
100	64QAM	1	1		23.48		24.0	0.0	
100	256QAM	1	1		22.80		23.5	0.5	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	23.44	23.38	23.39	24.0	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	23.41	23.40	23.47	24.0	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	23.42	23.41	23.38	24.0	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	23.45	23.43	23.47	24.0	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1	23.40	23.42	23.41	24.0	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	23.45	23.46	23.49	24.0	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1	23.50	23.48	23.46	24.0	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1	23.47	23.46	23.40	24.0	0.0	
Channel				630500	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	23.50	23.40	23.45	24.0	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	23.42	23.47	23.45	24.0	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1	23.42	23.44	23.43	24.0	0.0	

Part27Q n78 PC2 Ant5 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		27.10				
100	1/2 BPS	1	137		27.19		27.5	0.0	
100	1/2 BPS	1	271		27.12				
100	1/2 BPS	135	0		27.11		27.5	0.0	
100	1/2 BPS	135	69		27.16		27.5	0.0	
100	1/2 BPS	135	138		27.06				
100	1/2 BPS	270	0		27.07		27.5	0.0	
100	QPSK	1	1		27.25				
100	QPSK	1	137		27.07		27.5	0.0	
100	QPSK	1	271		27.09				
100	QPSK	135	0		27.03		27.5	0.0	
100	QPSK	135	69		27.15		27.5	0.0	
100	QPSK	135	138		27.02				
100	QPSK	270	0		27.10		27.5	0.0	
100	16QAM	1	1		27.16		27.5	0.0	
100	64QAM	1	1		25.61		26.0	1.5	
100	256QAM	1	1		23.51		24.0	3.5	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	27.14	27.19	27.15	27.5	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	27.12	27.14	27.09	27.5	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	27.15	27.12	27.14	27.5	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	27.11	27.12	27.12	27.5	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1	27.20	27.16	27.18	27.5	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	27.22	27.13	27.20	27.5	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3536.02	up	(dB)	
30	QPSK	1	1	27.12	27.18	27.20	27.5	0.0	
Channel				630634	633334	635934	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1	27.20	27.15	27.20	27.5	0.0	
Channel				630266	633334	636266	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	27.19	27.15	27.10	27.5	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	27.20	27.20	27.18	27.5	0.0	
Channel				630232	633334	636232	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1	27.14	27.17	27.19	27.5	0.0	

n2 Ant4 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	1/2 BPSK	1	1	19.60	19.68	19.61			
40	1/2 BPSK	1	108	19.66	19.66	19.57	20.9	0.0	
40	1/2 BPSK	1	214	19.65	19.62	19.64			
40	1/2 BPSK	108	0	19.67	19.62	19.57	20.9	0.0	
40	1/2 BPSK	108	54	19.67	19.70	19.60	20.9	0.0	
40	1/2 BPSK	108	108	19.66	19.69	19.58			
40	1/2 BPSK	216	0	19.59	19.62	19.63	20.9	0.0	
40	QPSK	1	1	19.61	19.75	19.60			
40	QPSK	1	108	19.61	19.66	19.66	20.9	0.0	
40	QPSK	1	214	19.59	19.60	19.66			
40	QPSK	108	0	19.68	19.61	19.59	20.9	0.0	
40	QPSK	108	54	19.63	19.69	19.56	20.9	0.0	
40	QPSK	108	108	19.63	19.67	19.59			
40	QPSK	216	0	19.65	19.68	19.58	20.9	0.0	
40	16QAM	1	1	19.59	19.67	19.61	20.9	0.0	
40	64QAM	1	1	18.61	18.78	18.58	19.9	1.0	
40	256QAM	1	1	16.67	16.70	16.55	17.9	3.0	
Channel				373500	376000	378500			
Frequency (MHz)				1867.5	1880	1892.5			
35	QPSK	1	1	19.52	19.62	19.52	20.9	0.0	
Channel				373000	376000	378000			
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	19.49	19.67	19.48	20.9	0.0	
Channel				372500	376000	378500			
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	19.49	19.59	19.47	20.9	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	19.48	19.63	19.53	20.9	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	19.45	19.65	19.52	20.9	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	19.50	19.67	19.45	20.9	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	19.54	19.59	19.46	20.9	0.0	

n7 Ant4 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	18.71	18.83	18.71			
50	1/2 BPSK	1	135	18.75	18.85	18.65	19.8	0.0	
50	1/2 BPSK	1	268	18.77	18.76	18.69			
50	1/2 BPSK	135	0	18.78	18.75	18.64	19.8	0.0	
50	1/2 BPSK	135	68	18.80	18.79	18.68	19.8	0.0	
50	1/2 BPSK	135	135	18.72	18.78	18.65			
50	1/2 BPSK	270	0	18.75	18.80	18.73	19.8	0.0	
50	QPSK	1	1	18.78	18.90	18.65			
50	QPSK	1	135	18.73	18.82	18.67	19.8	0.0	
50	QPSK	1	268	18.78	18.85	18.67			
50	QPSK	135	0	18.71	18.79	18.70	19.8	0.0	
50	QPSK	135	68	18.71	18.85	18.69	19.8	0.0	
50	QPSK	135	135	18.70	18.84	18.68			
50	QPSK	270	0	18.75	18.79	18.66	19.8	0.0	
50	16QAM	1	1	18.79	18.81	18.71	19.8	0.0	
50	64QAM	1	1	18.74	18.81	18.71	19.8	0.0	
50	256QAM	1	1	16.72	16.81	16.65	19.8	0.0	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	18.72	18.84	18.55	19.8	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	18.71	18.86	18.50	19.8	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	18.65	18.89	18.51	19.8	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	18.67	18.89	18.50	19.8	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	18.65	18.91	18.52	19.8	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.64	18.94	18.50	19.8	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	18.63	18.94	18.56	19.8	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	18.63	18.84	18.59	19.8	0.0	

n25 Ant4 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	19.76	19.78	19.82			
40	1/2 BPSK	1	108	19.76	19.81	19.74	20.9	0.0	
40	1/2 BPSK	1	214	19.73	19.82	19.78			
40	1/2 BPSK	108	0	19.71	19.76	19.72	20.9	0.0	
40	1/2 BPSK	108	54	19.79	19.77	19.80	20.9	0.0	
40	1/2 BPSK	108	108	19.70	19.81	19.75	20.9	0.0	
40	1/2 BPSK	216	0	19.73	19.75	19.78			
40	QPSK	1	1	19.68	19.83	19.80			
40	QPSK	1	108	19.70	19.75	19.78	20.9	0.0	
40	QPSK	1	214	19.77	19.78	19.72			
40	QPSK	108	0	19.70	19.75	19.78	20.9	0.0	
40	QPSK	108	54	19.70	19.81	19.80	20.9	0.0	
40	QPSK	108	108	19.69	19.80	19.72			
40	QPSK	216	0	19.70	19.79	19.74	20.9	0.0	
40	16QAM	1	1	19.69	19.76	19.73	20.9	0.0	
40	64QAM	1	1	18.66	18.89	18.77	19.9	1.0	
40	256QAM	1	1	16.64	16.85	16.64	17.9	3.0	
Channel				373500	376500	379500			
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	19.63	19.68	19.66	20.9	0.0	
Channel				373000	376500	380000			
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	19.55	19.76	19.66	20.9	0.0	
Channel				372500	376500	380500			
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	19.60	19.68	19.71	20.9	0.0	
Channel				372000	376500	381000			
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	19.58	19.74	19.65	20.9	0.0	
Channel				371500	376500	381500			
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	19.56	19.68	19.70	20.9	0.0	
Channel				371000	376500	382000			
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	19.57	19.74	19.65	20.9	0.0	
Channel				370500	376500	382500			
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	19.53	19.76	19.70	20.9	0.0	

n38 Ant4 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2580.02	2598	2599.98			
40	1/2 BPSK	1	1	19.52	19.60	19.46			
40	1/2 BPSK	1	53	19.59	19.64	19.55	20.6	0.0	
40	1/2 BPSK	1	104	19.59	19.61	19.45			
40	1/2 BPSK	50	0	19.60	19.58	19.57	20.6	0.0	
40	1/2 BPSK	50	26	19.52	19.55	19.54	20.6	0.0	
40	1/2 BPSK	50	56	19.57	19.59	19.54	20.6	0.0	
40	1/2 BPSK	100	0	19.52	19.60	19.47			
40	QPSK	1	1	19.52	19.60	19.47			
40	QPSK	1	53	19.59	19.61	19.57	20.6	0.0	
40	QPSK	1	104	19.57	19.62	19.45			
40	QPSK	50	0	19.59	19.58	19.49	20.6	0.0	
40	QPSK	50	26	19.54	19.64	19.47	20.6	0.0	
40	QPSK	50	56	19.58	19.63	19.54	20.6	0.0	
40	QPSK	100	0	19.56	19.57	19.52	20.6	0.0	
40	16QAM	1	1	19.60	19.58	19.47	20.6	0.0	
40	64QAM	1	1	19.54	19.63	19.47	20.6	0.0	
40	256QAM	1	1	19.50	19.59	19.53	20.1	0.5	
Channel				517002	518000	520998			
Frequency (MHz)				2585.01	2599	2604.99			
30	QPSK	1	1	19.41	19.51	19.33	20.6	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2599	2607.48			
25	QPSK	1	1	19.44	19.51	19.39	20.6	0.0	
Channel				515000	519000	522000			
Frequency (MHz)				2580	2599	2610			
20	QPSK	1	1	19.48	19.52	19.38	20.6	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2599	2612.49			
15	QPSK	1	1	19.47	19.50	19.36	20.6	0.0	
Channel				515004	519000	522500			
Frequency (MHz)				2575.02	2599	2614.98			
10	QPSK	1	1	19.47	19.41	19.40	20.6	0.0	

n41 Ant4 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				509002	516598	520000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	19.05	19.10	18.95			
100	1/2 BPSK	1	137	18.95	19.08	19.00	20.3	0.0	
100	1/2 BPSK	1	271	18.95	19.06	18.97			
100	1/2 BPSK	135	0	19.02	19.09	19.03	20.3	0.0	
100	1/2 BPSK	135	69	18.98	19.11	19.02	20.3	0.0	
100	1/2 BPSK	135	138	19.01	19.07	19.04	20.3	0.0	
100	1/2 BPSK	270	0	19.03	19.11	18.97			
100	QPSK	1	1	19.05	19.14	18.96			
100	QPSK	1	137	18.98	19.09	19.02	20.3	0.0	
100	QPSK	1	271	18.96	19.03	18.94			
100	QPSK	135	0	19.04	19.07	18.95	20.3	0.0	
100	QPSK	135	69	18.95	19.09	18.96	20.3	0.0	
100	QPSK	135	138	19.01	19.08	19.05	20.3	0.0	
100	QPSK	270	0	19.05	19.12	18.97			
100	16QAM	1	1	19.01	19.09	19.00	20.3	0.0	
100	64QAM	1	1	18.98	19.07	18.94	20.3	0.0	
100	256QAM	1	1	18.94	19.07	18.99	20.3	0.0	
Channel				505000	518598	520998			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	18.95	19.03	18.85	20.3	0.0	
Channel				507204	518598	520998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	18.52	19.08	18.90	20.3	0.0	
Channel				505002	518598	521000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	18.94	19.07	18.89	20.3	0.0	
Channel				505000	518598	521000			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	18.51	18.99	18.85	20.3	0.0	
Channel				504204	518598	520998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	18.90	18.99	18.84	20.3	0.0	
Channel				503700	518598	520496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	18.59	19.02	18.63	20.3	0.0	
Channel				503002	518598	520300			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	18.97	19.05	18.87	20.3	0.0	
Channel				502704	518598	520498			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	18.62	19.09	18.83	20.3	0.0	
Channel				502200	518598	520100			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	18.95	19.04	18.83	20.3	0.0	
Channel				501702	518598	520500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	19.00	19.06	18.91	20.3	0.0	
Channel				501204	518598	520500			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	18.96	19.01	18.92	20.3	0.0	
Channel				500700	518598	520496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	18.97	18.99	18.90	20.3	0.0	
Channel				500202	518598	520700			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	18.93	19.01	18.91	20.3	0.0	

Part270 n77 Ant4 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	18.57	18.59	18.52			
100	1/2 BPSK	1	137	18.54	18.60	18.50	19.2	0.0	
100	1/2 BPSK	1	271	18.63	18.58	18.55			
100	1/2 BPSK	135	0	18.63	18.56	18.53	19.2	0.0	
100	1/2 BPSK	135	69	18.57	18.54	18.56	19.2	0.0	
100	1/2 BPSK	135	138	18.59	18.59	18.57	19.2	0.0	
100	1/2 BPSK	270	0	18.53	18.58	18.57			
100	QPSK	1	1	18.59	18.66	18.58			
100	QPSK	1	137	18.61	18.64	18.51	19.2	0.0	
100	QPSK	1	271	18.55	18.64	18.57			
100	QPSK	135	0	18.54	18.59	18.56	19.2	0.0	
100	QPSK	135	69	18.58	18.61	18.57	19.2	0.0	
100	QPSK	135	138	18.57	18.54	18.51	19.2	0.0	
100	QPSK	270	0	18.54	18.55	18.51			
100	16QAM	1	1	18.57	18.55	18.58	19.2	0.0	
100	64QAM	1	1	18.58	18.53	18.52	19.2	0.0	
100	256QAM	1	1	18.59	18.63	18.50	19.2	0.0	
Channel				646668	650000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	18.49	18.52	18.49	19.2	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3750.01	3840	3940.02			
80	QPSK	1	1	18.54	18.47	18.49	19.2	0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	18.52	18.50	18.48	19.2	0.0	
Channel				646668	650000	663334			
Frequency (MHz)				3740.02	3840	3950.01			
60	QPSK	1	1	18.44	18.45	18.52	19.2	0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	18.50	18.47	18.51	19.2	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	18.47	18.52	18.47	19.2	0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	18.53	18.53	18.47	19.2	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	18.48	18.51	18.46	19.2	0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	18.55	18.48	18.52	19.2	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	18.46	18.52	18.50	19.2	0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	18.52	18.51	18.47	19.2	0.0	

Part27Q n77 Ant4 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		18.46				
100	1/2 BPSK	1	137		18.44		19.2	0.0	
100	1/2 BPSK	1	271		18.43				
100	1/2 BPSK	135	0		18.51		19.2	0.0	
100	1/2 BPSK	135	69		18.39		19.2	0.0	
100	1/2 BPSK	135	138		18.50				
100	1/2 BPSK	270	0		18.49		19.2	0.0	
100	QPSK	1	1		18.60				
100	QPSK	1	137		18.49		19.2	0.0	
100	QPSK	1	271		18.59				
100	QPSK	135	0		18.44		19.2	0.0	
100	QPSK	135	69		18.54		19.2	0.0	
100	QPSK	135	138		18.50				
100	QPSK	270	0		18.40		19.2	0.0	
100	16QAM	1	1		18.42		19.2	0.0	
100	64QAM	1	1		18.49		19.2	0.0	
100	256QAM	1	1		18.55		19.2	0.0	
Channel				633000	633334	633668	MPR up limit (dB)		
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	18.51	18.52	18.49	19.2	0.0	
Channel				632668	633334	634000	MPR up limit (dB)		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	18.50	18.46	18.46	19.2	0.0	
Channel				632334	633334	634334	MPR up limit (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	18.50	18.45	18.46	19.2	0.0	
Channel				632000	633334	634668	MPR up limit (dB)		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.48	18.50	18.52	19.2	0.0	
Channel				631668	633334	635000	MPR up limit (dB)		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	18.55	18.52	18.51	19.2	0.0	
Channel				631334	633334	635334	MPR up limit (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.51	18.47	18.48	19.2	0.0	
Channel				631000	633334	635668	MPR up limit (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	18.54	18.55	18.51	19.2	0.0	
Channel				630834	633334	635834	MPR up limit (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	18.45	18.49	18.46	19.2	0.0	
Channel				630500	633334	636000	MPR up limit (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	18.46	18.51	18.52	19.2	0.0	
Channel				630500	633334	636168	MPR up limit (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	18.48	18.48	18.48	19.2	0.0	
Channel				630334	633334	636334	MPR up limit (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	18.54	18.56	18.51	19.2	0.0	

Part27Q n77 PC2 Ant4 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		21.43				
100	1/2 BPSK	1	137		21.42		22.2	0.0	
100	1/2 BPSK	1	271		21.52				
100	1/2 BPSK	135	0		21.52		22.2	0.0	
100	1/2 BPSK	135	69		21.47		22.2	0.0	
100	1/2 BPSK	135	138		21.53		22.2	0.0	
100	1/2 BPSK	270	0		21.53		22.2	0.0	
100	QPSK	1	1		21.63				
100	QPSK	1	137		21.47		22.2	0.0	
100	QPSK	1	271		21.55				
100	QPSK	135	0		21.52		22.2	0.0	
100	QPSK	135	69		21.55		22.2	0.0	
100	QPSK	135	138		21.49		22.2	0.0	
100	QPSK	270	0		21.53		22.2	0.0	
100	16QAM	1	1		21.53		22.2	0.0	
100	64QAM	1	1		21.52		22.2	0.0	
100	256QAM	1	1		21.59		22.2	0.0	
Channel				633000	633334	633668	MPR up limit (dB)		
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	21.51	21.50	21.57	22.2	0.0	
Channel				632668	633334	634000	MPR up limit (dB)		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	21.52	21.52	21.47	22.2	0.0	
Channel				632334	633334	634334	MPR up limit (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	21.57	21.50	21.51	22.2	0.0	
Channel				632000	633334	634668	MPR up limit (dB)		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	21.58	21.58	21.55	22.2	0.0	
Channel				631668	633334	635000	MPR up limit (dB)		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	21.58	21.49	21.53	22.2	0.0	
Channel				631334	633334	635334	MPR up limit (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	21.52	21.59	21.53	22.2	0.0	
Channel				631000	633334	635668	MPR up limit (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	21.51	21.49	21.47	22.2	0.0	
Channel				630834	633334	635834	MPR up limit (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	21.49	21.57	21.53	22.2	0.0	
Channel				630500	633334	636000	MPR up limit (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	21.58	21.50	21.59	22.2	0.0	
Channel				630500	633334	636168	MPR up limit (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	21.52	21.56	21.47	22.2	0.0	
Channel				630334	633334	636334	MPR up limit (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	21.53	21.51	21.49	22.2	0.0	

Part27O n78 Ant4 DSI4									
BW	Modulat	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR	
				Channel		650000			
				Frequency (MHz)					
100	1/2 BPSK	1	1		17.69				
100	1/2 BPSK	1	137		17.72		18.6	0.0	
100	1/2 BPSK	1	271		17.77				
100	1/2 BPSK	135	0		17.71		18.6	0.0	
100	1/2 BPSK	135	69		17.74		18.6	0.0	
100	1/2 BPSK	135	138		17.78		18.6	0.0	
100	1/2 BPSK	270	0		17.74		18.6	0.0	
100	QPSK	1	1		17.84				
100	QPSK	1	137		17.77		18.6	0.0	
100	QPSK	1	271		17.70				
100	QPSK	135	0		17.78		18.6	0.0	
100	QPSK	135	69		17.80		18.6	0.0	
100	QPSK	135	138		17.77		18.6	0.0	
100	QPSK	270	0		17.78		18.6	0.0	
100	16QAM	1	1		17.67		18.6	0.0	
100	64QAM	1	1		17.74		18.6	0.0	
100	256QAM	1	1		17.69		18.6	0.0	
				Channel		649668	650000	650334	
				Frequency (MHz)		3745.02	3750	3755.01	
90	QPSK	1	1	17.72	17.78	17.75	18.6		
				Channel		649334	650000	650668	
				Frequency (MHz)		3740.01	3750	3760.02	
80	QPSK	1	1	17.69	17.72	17.72	18.6	0.0	
				Channel		649000	650000	650300	
				Frequency (MHz)		3735	3750	3765	
70	QPSK	1	1	17.61	17.70	17.71	18.6	0.0	
				Channel		648668	650000	651334	
				Frequency (MHz)		3730.02	3750	3770.01	
60	QPSK	1	1	17.62	17.68	17.67	18.6	0.0	
				Channel		648334	650000	650668	
				Frequency (MHz)		3725.01	3750	3775.02	
50	QPSK	1	1	17.63	17.67	17.63	18.6	0.0	
				Channel		648000	650000	652000	
				Frequency (MHz)		3720	3750	3760	
40	QPSK	1	1	17.65	17.66	17.65	18.6	0.0	
				Channel		647668	650000	652334	
				Frequency (MHz)		3715.02	3750	3785.01	
30	QPSK	1	1	17.65	17.67	17.70	18.6	0.0	
				Channel		647500	650000	652500	
				Frequency (MHz)		3712.5	3750	3787.5	
25	QPSK	1	1	17.63	17.73	17.66	18.6	0.0	
				Channel		647334	650000	652668	
				Frequency (MHz)		6470.01	3750	3790.02	
20	QPSK	1	1	17.60	17.74	17.70	18.6	0.0	
				Channel		647168	650000	652834	
				Frequency (MHz)		64707.52	3750	3792.51	
15	QPSK	1	1	17.70	17.64	17.63	18.6	0.0	
				Channel		647000	650000	653000	
				Frequency (MHz)		3705	3750	3795	
10	QPSK	1	1	17.67	17.69	17.65	18.6	0.0	

Part27Q n78 Ant4 DSI4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	3500.01			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		17.94			
100	1/2 BPSK	1	137		17.96		18.6	0.0
100	1/2 BPSK	1	271		17.91			
100	1/2 BPSK	135	0		17.86		18.6	0.0
100	1/2 BPSK	135	69		17.94		18.6	0.0
100	1/2 BPSK	135	138		17.93		18.6	0.0
100	1/2 BPSK	270	0		17.90			
100	QPSK	1	1		18.09			
100	QPSK	1	137		17.94		18.6	0.0
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.92		18.6	0.0
100	QPSK	135	69		18.00		18.6	0.0
100	QPSK	135	138		17.91		18.6	0.0
100	QPSK	270	0		18.03			
100	16QAM	1	1		17.83		18.6	0.0
100	64QAM	1	1		17.97		18.6	0.0
100	256QAM	1	1		17.88		18.6	0.0
Channel				633000	633334	633668	tune-up	MPR
Frequency (MHz)				3498	3500.01	3505.02	up	(dB)
90	QPSK	1	1	17.88	17.86	17.92	18.6	0.0
Channel				632668	633334	634000	tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)
80	QPSK	1	1	17.88	17.87	17.89	18.6	0.0
Channel				632334	633334	634334	tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)
70	QPSK	1	1	17.81	17.86	17.91	18.6	0.0
Channel				632000	633334	634668	tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)
60	QPSK	1	1	17.82	17.87	17.84	18.6	0.0
Channel				631668	633334	635000	tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)
50	QPSK	1	1	17.88	17.91	17.83	18.6	0.0
Channel				631334	633334	635334	tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)
40	QPSK	1	1	17.82	17.86	17.86	18.6	0.0
Channel				631000	633334	635668	tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)
30	QPSK	1	1	17.84	17.86	17.89	18.6	0.0
Channel				630834	633334	635834	tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)
25	QPSK	1	1	17.82	17.91	17.83	18.6	0.0
Channel				630668	633334	636000	tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)
20	QPSK	1	1	17.79	17.93	17.86	18.6	0.0
Channel				630500	633334	636168	tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)
15	QPSK	1	1	17.87	17.93	17.81	18.6	0.0
Channel				630334	633334	636334	tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)
10	QPSK	1	1	17.83	17.94	17.83	18.6	0.0

Part27Q n78 PC2 Ant4 DSI4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	3500.01			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		20.94			
100	1/2 BPSK	1	137		21.01		21.6	0.0
100	1/2 BPSK	1	271		20.87			
100	1/2 BPSK	135	0		20.81		21.6	0.0
100	1/2 BPSK	135	69		21.00		21.6	0.0
100	1/2 BPSK	135	138		20.90		21.6	0.0
100	1/2 BPSK	270	0		20.91			
100	QPSK	1	1		21.15			
100	QPSK	1	137		20.93		21.6	0.0
100	QPSK	1	271		20.90			
100	QPSK	135	0		20.97		21.6	0.0
100	QPSK	135	69		21.04		21.6	0.0
100	QPSK	135	138		20.90		21.6	0.0
100	QPSK	270	0		20.98			
100	16QAM	1	1		20.84		21.6	0.0
100	64QAM	1	1		20.98		21.6	0.0
100	256QAM	1	1		20.92		21.6	0.0
Channel				633000	633334	633668	tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)
90	QPSK	1	1	21.01	20.86	20.69	21.6	0.0
Channel				632668	633334	634000	tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)
80	QPSK	1	1	21.09	20.65	20.70	21.6	0.0
Channel				632334	633334	634334	tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)
70	QPSK	1	1	21.05	20.64	20.69	21.6	0.0
Channel				632000	633334	634668	tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)
60	QPSK	1	1	21.07	20.69	20.72	21.6	0.0
Channel				631668	633334	635000	tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)
50	QPSK	1	1	21.10	20.73	20.70	21.6	0.0
Channel				631334	633334	635334	tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)
40	QPSK	1	1	21.02	20.68	20.67	21.6	0.0
Channel				631000	633334	635668	tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)
30	QPSK	1	1	21.06	20.65	20.66	21.6	0.0
Channel				630834	633334	635834	tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)
25	QPSK	1	1	21.07	20.65	20.66	21.6	0.0
Channel				630668	633334	636000	tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)
20	QPSK	1	1	21.05	20.66	20.72	21.6	0.0
Channel				630500	633334	636168	tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)
15	QPSK	1	1	21.07	20.69	20.74	21.6	0.0
Channel				630334	633334	636334	tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)
10	QPSK	1	1	21.01	20.65	20.74	21.6	0.0

n2 Ant6 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1890	1890			
40	1/2 BPSK	1	1	21.80	21.77	21.68			
40	1/2 BPSK	1	108	21.72	21.79	21.73	23.3	0.0	
40	1/2 BPSK	1	214	21.78	21.77	21.71			
40	1/2 BPSK	108	0	21.26	21.29	21.28	22.8	0.5	
40	1/2 BPSK	108	54	21.75	21.74	21.68	23.3	0.0	
40	1/2 BPSK	108	108	21.25	21.29	21.22			
40	1/2 BPSK	216	0	21.25	21.30	21.29			
40	QPSK	1	1	21.79	21.83	21.78			
40	QPSK	1	108	21.74	21.82	21.76	23.3	0.0	
40	QPSK	1	214	21.70	21.81	21.76			
40	QPSK	108	0	20.80	20.83	20.83	22.3	1.0	
40	QPSK	108	54	21.73	21.80	21.69	23.3	0.0	
40	QPSK	108	108	20.81	20.79	20.83			
40	QPSK	216	0	20.77	20.85	20.79			
40	16QAM	1	1	20.84	20.81	20.82	22.3	1.0	
40	64QAM	1	1	19.32	19.35	19.29	20.8	2.5	
40	256QAM	1	1	17.28	17.35	17.25	18.8	4.5	
Channel				373500	376000	376500			
Frequency (MHz)				1887.5	1880	1892.5			
35	QPSK	1	1	21.87	21.71	21.66	23.3	0.0	
Channel				373000	376000	378000			
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	21.76	21.75	21.69	23.3	0.0	
Channel				372500	376000	376500			
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	21.69	21.80	21.74	23.3	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1820	1820	1820			
20	QPSK	1	1	21.68	21.73	21.73	23.3	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	21.74	21.72	21.68	23.3	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1850	1805			
10	QPSK	1	1	21.71	21.75	21.69	23.3	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	21.69	21.79	21.73	23.3	0.0	

n7 Ant6 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	24.01	24.18	24.08			
50	1/2 BPSK	1	135	24.13	24.09	24.01	25.1	0.0	
50	1/2 BPSK	1	268	24.03	24.15	23.95			
50	1/2 BPSK	135	0	23.59	23.67	23.64	24.6	0.5	
50	1/2 BPSK	135	68	24.02	24.15	24.02	25.1	0.0	
50	1/2 BPSK	135	135	23.72	23.64	23.56			
50	1/2 BPSK	270	0	23.59	23.64	23.63			
50	QPSK	1	1	24.16	24.19	24.04			
50	QPSK	1	135	24.03	24.13	24.02	25.1	0.0	
50	QPSK	1	268	24.07	24.11	24.13			
50	QPSK	135	0	23.14	23.14	23.08	24.1	1.0	
50	QPSK	135	68	24.05	24.15	24.10	25.1	0.0	
50	QPSK	135	135	23.10	23.09	23.07			
50	QPSK	270	0	23.17	23.25	23.13	24.1	1.0	
50	16QAM	1	1	23.12	23.20	23.10	24.1	1.0	
50	64QAM	1	1	21.64	21.67	21.60	22.6	2.5	
50	256QAM	1	1	19.70	19.81	19.64	20.6	4.5	
Channel				504500	507000	510500			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	24.08	24.14	23.90	25.1	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	24.04	24.05	23.95	25.1	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	24.00	24.05	23.96	25.1	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2412.5	2535	2557.5			
25	QPSK	1	1	24.03	24.10	23.90	25.1	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	24.09	24.14	23.90	25.1	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	24.03	24.07	23.90	25.1	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	24.04	24.04	23.96	25.1	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	24.10	24.14	23.89	25.1	0.0	

n25 Ant6 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	21.62	21.70	21.70			
40	1/2 BPSK	1	108	21.63	21.78	21.69	23.3	0.0	
40	1/2 BPSK	1	214	21.64	21.68	21.70			
40	1/2 BPSK	108	0	21.20	21.30	21.26	22.8	0.5	
40	1/2 BPSK	108	54	21.65	21.75	21.71	23.3	0.0	
40	1/2 BPSK	108	108	21.28	21.27	21.28			
40	1/2 BPSK	216	0	21.27	21.28	21.31	22.8	0.5	
40	QPSK	1	1	21.75	21.82	21.76			
40	QPSK	1	108	21.69	21.73	21.71	23.3	0.0	
40	QPSK	1	214	21.70	21.71	21.68			
40	QPSK	108	0	20.78	20.78	20.79	22.3	1.0	
40	QPSK	108	54	21.67	21.80	21.71	23.3	0.0	
40	QPSK	108	108	20.72	20.80	20.77			
40	QPSK	216	0	20.76	20.83	20.81	22.3	1.0	
40	16QAM	1	1	20.70	20.79	20.72	22.3	1.0	
40	64QAM	1	1	19.23	19.30	19.25	20.8	2.5	
40	256QAM	1	1	17.26	17.26	17.26	18.8	4.5	
Channel				373500	376500	379500			
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	21.80	21.67	21.71	23.3	0.0	
Channel				373000	376500	380000			
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	21.72	21.72	21.67	23.3	0.0	
Channel				372500	376500	380500			
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	21.62	21.80	21.72	23.3	0.0	
Channel				372000	376500	381000			
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	21.61	21.75	21.72	23.3	0.0	
Channel				371500	376500	381500			
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	21.61	21.76	21.67	23.3	0.0	
Channel				371000	376500	382000			
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	21.60	21.69	21.66	23.3	0.0	
Channel				370500	376500	382500			
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	21.71	21.73	21.71	23.3	0.0	

n38 Ant6 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	516000	516996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	24.34	24.32	24.22			
40	1/2 BPSK	1	53	24.20	24.33	24.22	25.4	0.0	
40	1/2 BPSK	1	104	24.24	24.31	24.23			
40	1/2 BPSK	50	0	23.91	23.92	23.88	24.9	0.5	
40	1/2 BPSK	50	28	24.45	24.51	24.35	25.4	0.0	
40	1/2 BPSK	50	56	23.79	23.96	23.81			
40	1/2 BPSK	100	0	23.96	24.11	23.95	24.9	0.5	
40	QPSK	1	1	24.52	24.54	24.49			
40	QPSK	1	53	24.38	24.49	24.46	25.4	0.0	
40	QPSK	1	104	24.41	24.47	24.41			
40	QPSK	50	0	23.51	23.53	23.58	24.4	1.0	
40	QPSK	50	28	24.51	24.53	24.38	25.4	0.0	
40	QPSK	50	56	23.37	23.35	23.39			
40	QPSK	100	0	23.50	23.51	23.42	24.4	1.0	
40	16QAM	1	1	23.52	23.64	23.48	24.4	1.0	
40	64QAM	1	1	22.01	22.18	22.02	22.9	2.5	
40	256QAM	1	1	19.89	20.07	20.05	20.9	4.5	
Channel				517002	516000	520998			
Frequency (MHz)				2595.01	2595	2604.99			
30	QPSK	1	1	23.96	24.06	23.98	25.4	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	23.98	24.10	24.02	25.4	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	24.04	24.08	24.07	25.4	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	24.02	24.03	24.02	25.4	0.0	
Channel				515004	518000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	24.02	24.13	24.00	25.4	0.0	

n41 Ant6 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509002	518596	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	24.20	24.38	24.23			
100	1/2 BPSK	1	137	24.22	24.37	24.21	25.6	0.0	
100	1/2 BPSK	1	271	24.11	24.19	24.11			
100	1/2 BPSK	135	0	23.92	23.96	23.91	25.1	0.5	
100	1/2 BPSK	135	69	24.29	24.33	24.31	25.6	0.0	
100	1/2 BPSK	135	138	23.66	23.80	23.64			
100	1/2 BPSK	270	0	23.90	23.87	23.85	25.1	0.5	
100	QPSK	1	1	24.38	24.47	24.42			
100	QPSK	1	137	24.35	24.38	24.28	25.6	0.0	
100	QPSK	1	271	24.24	24.31	24.29			
100	QPSK	135	0	23.48	23.52	23.49	24.6	1.0	
100	QPSK	135	69	24.33	24.36	24.27	25.6	0.0	
100	QPSK	135	138	23.22	23.25	23.24			
100	QPSK	270	0	23.38	23.43	23.39	24.6	1.0	
100	16QAM	1	1	23.68	23.73	23.67	24.6	1.0	
100	64QAM	1	1	22.20	22.34	22.14	23.1	2.5	
100	256QAM	1	1	20.22	20.18	20.13	21.1	4.5	
Channel				520000	511596	529996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	24.27	24.33	24.35	25.6	0.0	
Channel				507204	518596	529996			
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	24.28	24.43	24.37	25.6	0.0	
Channel				520000	511596	529996			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	24.21	24.43	24.32	25.6	0.0	
Channel				505200	518596	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	24.21	24.40	24.27	25.6	0.0	
Channel				520000	511596	529996			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	24.22	24.39	24.32	25.6	0.0	
Channel				503700	518596	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	24.30	24.31	24.28	25.6	0.0	
Channel				520000	511596	529996			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	24.22	24.42	24.30	25.6	0.0	
Channel				502704	518596	534496			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	24.31	24.34	24.28	25.6	0.0	
Channel				502200	511596	529996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	24.27	24.34	24.29	25.6	0.0	
Channel				501702	518596	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	24.22	24.40	24.32	25.6	0.0	
Channel				501204	518596	529996			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	24.20	24.41	24.28	25.6	0.0	
Channel				500700	518596	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	24.23	24.35	24.37	25.6	0.0	
Channel				500202	518596	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	24.31	24.34	24.33	25.6	0.0	

Part270 n77 Ant6 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq. (kHz)	Power Middle Ch. / Freq. (kHz)	Power High Ch. / Freq. (kHz)	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	22.19	22.14	22.07			
100	1/2 BPSK	1	137	22.10	22.19	22.15	23.7	0.0	
100	1/2 BPSK	1	271	22.36	22.36	22.21			
100	1/2 BPSK	135	0	22.06	22.15	22.08	23.7	0.0	
100	1/2 BPSK	135	69	22.17	22.16	22.01	23.7	0.0	
100	1/2 BPSK	135	138	22.31	22.40	22.27			
100	1/2 BPSK	270	0	22.14	22.22	22.15	23.7	0.0	
100	QPSK	1	1	22.36	22.53	22.41			
100	QPSK	1	137	22.13	22.19	22.15	23.7	0.0	
100	QPSK	1	271	22.44	22.52	22.32			
100	QPSK	135	0	22.10	22.21	22.10	23.7	0.0	
100	QPSK	135	69	22.18	22.35	22.30	23.7	0.0	
100	QPSK	135	138	22.09	22.16	22.16			
100	QPSK	270	0	22.06	22.24	22.15	23.7	0.0	
100	16QAM	1	1	22.24	22.30	22.13	23.7	0.0	
100	64QAM	1	1	21.62	21.68	21.57	23.2	0.5	
100	256QAM	1	1	19.60	19.70	19.60	21.2	2.5	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.27	22.44	22.31	23.7	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	22.27	22.41	22.28	23.7	0.0	
Channel				649000	656000	662000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.31	22.37	22.36	23.7	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	22.28	22.46	22.27	23.7	0.0	
Channel				648334	656000	663000			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	22.21	22.48	22.29	23.7	0.0	
Channel				648000	656000	662400			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	22.30	22.45	22.36	23.7	0.0	
Channel				647668	656000	662000			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	22.25	22.41	22.35	23.7	0.0	
Channel				647334	656000	661500			
Frequency (MHz)				3712.1	3840	3957.5			
25	QPSK	1	1	22.26	22.47	22.38	23.7	0.0	
Channel				647000	656000	661000			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.22	22.37	22.27	23.7	0.0	
Channel				646668	656000	660684			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.23	22.40	22.31	23.7	0.0	
Channel				647000	656000	662000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.20	22.36	22.34	23.7	0.0	

Part27Q n77 Ant6 DSI4									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		22.27				
100	1/2 BPSK	1	137		22.17		23.7	0.0	
100	1/2 BPSK	1	271		22.19				
100	1/2 BPSK	135	0		22.20		23.7	0.0	
100	1/2 BPSK	135	69		22.20		23.7	0.0	
100	1/2 BPSK	135	138		22.23		23.7	0.0	
100	1/2 BPSK	270	0		22.22				
100	QPSK	1	1		22.36				
100	QPSK	1	137		22.16		23.7	0.0	
100	QPSK	1	271		22.35				
100	QPSK	135	0		22.22		23.7	0.0	
100	QPSK	135	69		22.25		23.7	0.0	
100	QPSK	135	138		22.23				
100	QPSK	270	0		22.12		23.7	0.0	
100	16QAM	1	1		22.16		23.7	0.0	
100	64QAM	1	1		21.78		23.2	0.5	
100	256QAM	1	1		19.34		21.2	2.5	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	22.25	22.29	22.31	23.7	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	22.30	22.20	22.21	23.7	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	22.22	22.26	22.22	23.7	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	22.32	22.29	22.29	23.7	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	22.20	22.26	22.25	23.7	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	22.26	22.30	22.29	23.7	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	22.28	22.26	22.22	23.7	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	22.27	22.29	22.27	23.7	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	22.26	22.27	22.29	23.7	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	22.21	22.32	22.31	23.7	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	22.26	22.21	22.26	23.7	0.0	

Part27Q n77 PC2 Ant6 DSI4									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		23.96				
100	1/2 BPSK	1	137		24.00		25.7	0.0	
100	1/2 BPSK	1	271		23.99				
100	1/2 BPSK	135	0		23.55		25.2	0.5	
100	1/2 BPSK	135	69		23.93		25.7	0.0	
100	1/2 BPSK	135	138		23.43			25.2	0.5
100	1/2 BPSK	270	0		23.50				
100	QPSK	1	1		24.01				
100	QPSK	1	137		23.88		25.7	0.0	
100	QPSK	1	271		23.96				
100	QPSK	135	0		22.75		24.7	1.0	
100	QPSK	135	69		23.95		25.7	0.0	
100	QPSK	135	138		22.93			24.7	1.0
100	QPSK	270	0		23.13				
100	16QAM	1	1		22.79		24.7	1.0	
100	64QAM	1	1		21.26		23.2	2.5	
100	256QAM	1	1		19.21		21.2	4.5	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	23.95	23.95	23.87	25.7	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	23.89	23.87	23.61	25.7	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	23.86	23.89	23.87	25.7	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	23.88	23.94	23.90	25.7	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	23.93	23.88	23.95	25.7	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	23.89	23.85	23.90	25.7	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	23.91	23.91	23.88	25.7	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	23.92	23.92	23.85	25.7	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	23.89	23.89	23.93	25.7	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	23.93	23.88	23.86	25.7	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	23.85	23.95	23.93	25.7	0.0	

Part27O n78 Ant6 DSI4									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750					
100	1/2 BPSK	1	1		22.41				
100	1/2 BPSK	1	137		22.47		23.7	0.0	
100	1/2 BPSK	1	271		22.40				
100	1/2 BPSK	135	0		22.35		23.7	0.0	
100	1/2 BPSK	135	69		22.33		23.7	0.0	
100	1/2 BPSK	135	138		22.39				
100	1/2 BPSK	270	0		22.41		23.7	0.0	
100	QPSK	1	1		22.48				
100	QPSK	1	137		22.36		23.7	0.0	
100	QPSK	1	271		22.46				
100	QPSK	135	0		22.39		23.7	0.0	
100	QPSK	135	69		22.42		23.7	0.0	
100	QPSK	135	138		22.36				
100	QPSK	270	0		22.32		23.7	0.0	
100	16QAM	1	1		22.37		23.7	0.0	
100	64QAM	1	1		21.86		23.2	0.5	
100	256QAM	1	1		19.62		21.2	2.5	
Channel									
Frequency (MHz)				64868	65000	65024			
90	QPSK	1	1	3745.02	3750	3755.01	0.0	MPR (dB)	
90	QPSK	1	1	22.30	22.38	22.32	23.7	0.0	
Channel				649334	650000	650668			
80	QPSK	1	1	3740.01	3750	3760.02	0.0	MPR (dB)	
80	QPSK	1	1	22.22	22.32	22.18	23.7	0.0	
Channel				649004	650000	650004			
70	QPSK	1	1	3735	3750	3765	0.0	MPR (dB)	
70	QPSK	1	1	22.23	22.36	22.26	23.7	0.0	
Channel				648668	650000	651334			
60	QPSK	1	1	3730.02	3750	3770.01	0.0	MPR (dB)	
60	QPSK	1	1	22.28	22.26	22.30	23.7	0.0	
Channel				649334	650000	650668			
50	QPSK	1	1	3725	3750	3775.02	0.0	MPR (dB)	
50	QPSK	1	1	22.19	22.35	22.22	23.7	0.0	
Channel				648000	650000	652000			
40	QPSK	1	1	3720	3750	3760	0.0	MPR (dB)	
40	QPSK	1	1	22.25	22.31	22.28	23.7	0.0	
Channel				647658	650000	652334			
30	QPSK	1	1	3715.02	3750	3785.01	0.0	MPR (dB)	
30	QPSK	1	1	22.19	22.31	22.25	23.7	0.0	
Channel				647500	650000	652500			
25	QPSK	1	1	3712.5	3750	3787.5	0.0	MPR (dB)	
25	QPSK	1	1	22.27	22.36	22.26	23.7	0.0	
Channel				647314	650000	652668			
20	QPSK	1	1	3710.01	3750	3790.02	0.0	MPR (dB)	
20	QPSK	1	1	22.23	22.27	22.28	23.7	0.0	
Channel				647168	650000	652834			
15	QPSK	1	1	3707.52	3750	3792.51	0.0	MPR (dB)	
15	QPSK	1	1	22.27	22.33	22.28	23.7	0.0	
Channel				647000	650000	653000			
10	QPSK	1	1	3705	3750	3795	0.0	MPR (dB)	
10	QPSK	1	1	22.28	22.26	22.26	23.7	0.0	

Part27Q n78 Ant6 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)						22.17			
100	1/2 BPSK	1	1			22.17			
100	1/2 BPSK	1	137			22.10		23.7	0.0
100	1/2 BPSK	1	271			22.15			
100	1/2 BPSK	135	0			22.12		23.7	0.0
100	1/2 BPSK	135	69			22.02		23.7	0.0
100	1/2 BPSK	135	138			22.08			
100	1/2 BPSK	270	0			22.14		23.7	0.0
100	QPSK	1	1			22.23			
100	QPSK	1	137			21.98		23.7	0.0
100	QPSK	1	271			22.10			
100	QPSK	135	0			22.10		23.7	0.0
100	QPSK	135	69			22.20		23.7	0.0
100	QPSK	135	138			22.10			
100	QPSK	270	0			22.10		23.7	0.0
100	16QAM	1	1			21.77		23.7	0.0
100	64QAM	1	1			21.27		23.2	0.5
100	256QAM	1	1			21.32		21.2	2.5
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	22.19	22.09	22.18	23.7	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	22.11	22.07	22.15	23.7	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	22.11	22.10	22.08	23.7	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	22.16	22.14	22.15	23.7	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	22.18	22.13	22.09	23.7	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	22.10	22.18	22.18	23.7	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	22.11	22.12	22.13	23.7	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	22.10	22.15	22.12	23.7	0.0	
Channel				630668	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	22.12	22.13	22.12	23.7	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	22.13	22.09	22.15	23.7	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	22.18	22.14	22.09	23.7	0.0	

Part27Q n78 PC2 Ant6 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)						23.87			
100	1/2 BPSK	1	1			23.87			
100	1/2 BPSK	1	137			23.88		25.5	0.0
100	1/2 BPSK	1	271			23.98			
100	1/2 BPSK	135	0			23.06		25.0	0.5
100	1/2 BPSK	135	69			23.54		25.5	0.0
100	1/2 BPSK	135	138			23.36			
100	1/2 BPSK	270	0			23.46		25.0	0.5
100	QPSK	1	1			24.20			
100	QPSK	1	137			23.76		25.5	0.0
100	QPSK	1	271			24.05			
100	QPSK	135	0			22.71		24.5	1.0
100	QPSK	135	69			24.09		25.5	0.0
100	QPSK	135	138			22.89			
100	QPSK	270	0			23.17		24.5	1.0
100	16QAM	1	1			22.71		24.5	1.0
100	64QAM	1	1			21.44		23.0	2.5
100	256QAM	1	1			19.49		21.0	4.5
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	24.12	24.14	24.05	25.5	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	24.04	24.14	24.05	25.5	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	24.07	24.11	24.06	25.5	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	24.10	24.06	24.08	25.5	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	24.09	24.12	24.04	25.5	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	24.07	24.11	24.04	25.5	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	24.09	24.16	24.12	25.5	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	24.11	24.05	24.06	25.5	0.0	
Channel				630668	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	24.15	24.16	24.11	25.5	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	24.12	24.08	24.11	25.5	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	24.10	24.15	24.10	25.5	0.0	

n2 Ant7 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	1/2 BPSK	1	1	19.80	19.94	19.81			
40	1/2 BPSK	1	108	19.77	19.92	19.82	21.3	0.0	
40	1/2 BPSK	1	214	19.85	19.89	19.83			
40	1/2 BPSK	108	0	19.34	19.50	19.45	20.8	0.5	
40	1/2 BPSK	108	54	19.86	19.86	19.89	21.3	0.0	
40	1/2 BPSK	108	108	19.41	19.45	19.40			
40	1/2 BPSK	216	0	19.42	19.47	19.43			
40	QPSK	1	1	19.89	19.97	19.94			
40	QPSK	1	108	19.76	19.87	19.83	21.3	0.0	
40	QPSK	1	214	19.82	19.87	19.91			
40	QPSK	108	0	18.95	18.96	18.94	20.3	1.0	
40	QPSK	108	54	19.96	19.93	19.86	21.3	0.0	
40	QPSK	108	108	18.92	18.95	18.91			
40	QPSK	216	0	18.89	18.99	18.93	20.3	1.0	
40	16QAM	1	1	18.95	18.96	18.90	20.3	1.0	
40	64QAM	1	1	17.41	17.42	17.44	18.8	2.5	
40	256QAM	1	1	15.39	15.52	15.47	16.8	4.5	
Channel				373500	376000	378500			
Frequency (MHz)				1887.5	1880	1892.5			
35	QPSK	1	1	19.82	19.84	19.86	21.3	0.0	
Channel				373000	376000	379000			
Frequency (MHz)				1895	1880	1895			
30	QPSK	1	1	19.76	19.89	19.89	21.3	0.0	
Channel				372500	376000	379500			
Frequency (MHz)				1892.5	1880	1897.5			
25	QPSK	1	1	19.87	19.86	19.80	21.3	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1900	1900	1900			
20	QPSK	1	1	19.75	19.85	19.90	21.3	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1897.5	1880	1902.5			
15	QPSK	1	1	19.77	19.91	19.91	21.3	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1895	1900	1905			
10	QPSK	1	1	19.82	19.87	19.87	21.3	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1892.5	1880	1907.5			
5	QPSK	1	1	19.87	19.85	19.91	21.3	0.0	

n7 Ant7 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	18.55	18.61	18.56			
50	1/2 BPSK	1	138	18.61	18.67	18.55	20.0	0.0	
50	1/2 BPSK	1	268	18.62	18.68	18.63			
50	1/2 BPSK	135	0	18.65	18.63	18.52	20.0	0.0	
50	1/2 BPSK	135	68	18.62	18.61	18.62	20.0	0.0	
50	1/2 BPSK	135	138	18.61	18.64	18.52			
50	1/2 BPSK	270	0	18.57	18.69	18.53	20.0	0.0	
50	QPSK	1	1	18.62	18.61	18.52			
50	QPSK	1	138	18.57	18.61	18.62	20.0	0.0	
50	QPSK	1	268	18.55	18.65	18.60			
50	QPSK	135	0	18.63	18.64	18.57	20.0	0.0	
50	QPSK	135	68	18.60	18.75	18.57	20.0	0.0	
50	QPSK	135	138	18.59	18.70	18.55			
50	QPSK	270	0	18.58	18.63	18.62	20.0	0.0	
50	16QAM	1	1	18.57	18.71	18.59	20.0	0.0	
50	64QAM	1	1	18.56	18.63	18.62	20.0	0.0	
50	256QAM	1	1	17.16	17.32	17.39	18.5	1.5	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	18.58	18.67	18.36	20.0	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	18.58	18.75	18.41	20.0	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	18.54	18.76	18.39	20.0	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	18.52	18.76	18.42	20.0	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	18.52	18.67	18.46	20.0	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.50	18.73	18.40	20.0	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	18.53	18.66	18.47	20.0	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	18.47	18.66	18.38	20.0	0.0	

n25 Ant7 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dB)	Power Middle Ch. / Freq. (dB)	Power High Ch. / Freq. (dB)	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	19.86	19.91	19.85			
40	1/2 BPSK	1	108	19.79	19.90	19.78	21.3	0.0	
40	1/2 BPSK	1	214	19.77	19.89	19.85			
40	1/2 BPSK	108	0	19.33	19.46	19.46	20.6	0.5	
40	1/2 BPSK	108	54	19.78	19.85	19.86	21.3	0.0	
40	1/2 BPSK	108	108	19.44	19.43	19.42			
40	1/2 BPSK	216	0	19.36	19.46	19.43	20.8	0.5	
40	QPSK	1	1	19.89	19.94	19.91			
40	QPSK	1	108	19.81	19.80	19.82	21.3	0.0	
40	QPSK	1	214	19.82	19.82	19.88			
40	QPSK	108	0	18.90	18.92	18.92	20.3	1.0	
40	QPSK	108	54	19.77	19.91	19.88	21.3	0.0	
40	QPSK	108	108	18.87	18.89	18.88			
40	QPSK	216	0	18.80	18.99	18.89	20.3	1.0	
40	16QAM	1	1	18.88	18.93	18.93	20.3	1.0	
40	64QAM	1	1	17.43	17.48	17.46	18.8	2.5	
40	256QAM	1	1	15.43	15.39	15.41	16.8	4.5	
Channel				373500	376500	379500			
Frequency (MHz)				1887.5	1882.5	1897.5			
35	QPSK	1	1	19.78	19.81	19.77	21.3	0.0	
Channel				373000	376500	380000			
Frequency (MHz)				1895	1882.5	1900			
30	QPSK	1	1	19.77	19.90	19.88	21.3	0.0	
Channel				372500	376500	380500			
Frequency (MHz)				1892.5	1882.5	1902.5			
25	QPSK	1	1	19.78	19.91	19.77	21.3	0.0	
Channel				372000	376500	381000			
Frequency (MHz)				1890	1902.5	1905			
20	QPSK	1	1	19.86	19.84	19.80	21.3	0.0	
Channel				371500	376500	381500			
Frequency (MHz)				1897.5	1882.5	1907.5			
15	QPSK	1	1	19.80	19.83	19.83	21.3	0.0	
Channel				371000	376500	382000			
Frequency (MHz)				1895	1882.5	1905			
10	QPSK	1	1	19.83	19.82	19.85	21.3	0.0	
Channel				370500	376500	382500			
Frequency (MHz)				1892.5	1882.5	1912.5			
5	QPSK	1	1	19.86	19.86	19.88	21.3	0.0	

n38 Ant7 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	18.80	18.95	19.02	20.2	0.0	
40	1/2 BPSK	1	53	18.93	19.00	18.92			
40	1/2 BPSK	1	104	18.90	19.04	19.02			
40	1/2 BPSK	50	0	18.91	19.00	18.98	20.2	0.0	
40	1/2 BPSK	50	28	18.91	19.01	18.99	20.2	0.0	
40	1/2 BPSK	50	56	18.83	19.05	19.01	20.2	0.0	
40	1/2 BPSK	100	0	18.87	19.03	19.02			
40	QPSK	1	1	18.89	19.10	18.92	20.2	0.0	
40	QPSK	1	53	18.92	18.97	18.96			
40	QPSK	1	104	18.86	19.00	18.93			
40	QPSK	50	0	18.90	18.95	18.92	20.2	0.0	
40	QPSK	50	28	18.86	18.99	18.93	20.2	0.0	
40	QPSK	50	56	18.92	18.90	18.92	20.2	0.0	
40	QPSK	100	0	18.85	18.97	18.96			
40	16QAM	1	1	18.80	18.89	18.88	20.2	0.0	
40	64QAM	1	1	18.90	18.94	18.96	20.2	0.0	
40	256QAM	1	1	17.36	17.31	17.39	18.7	1.5	
Channel				517002	519000	520998	tune-up limit	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	18.78	19.01	18.82	20.2	0.0	
Channel				516504	519000	521496	tune-up limit	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	18.77	18.97	18.83	20.2	0.0	
Channel				516000	519000	522000	tune-up limit	MPR (dB)	
Frequency (MHz)				2560	2595	2610			
20	QPSK	1	1	18.81	18.98	18.79	20.2	0.0	
Channel				515502	519000	522498	tune-up limit	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	18.76	19.01	18.79	20.2	0.0	
Channel				515004	519000	522996	tune-up limit	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	18.77	18.99	18.84	20.2	0.0	

n41 Ant7 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	18.45	18.51	18.43	20.0	0.0	
100	1/2 BPSK	1	137	18.51	18.59	18.37			
100	1/2 BPSK	1	271	18.49	18.60	18.37			
100	1/2 BPSK	135	0	18.49	18.58	18.46	20.0	0.0	
100	1/2 BPSK	135	69	18.50	18.51	18.46	20.0	0.0	
100	1/2 BPSK	135	138	18.47	18.58	18.47	20.0	0.0	
100	1/2 BPSK	270	0	18.52	18.53	18.41			
100	QPSK	1	1	18.53	18.68	18.46	20.0	0.0	
100	QPSK	1	137	18.50	18.55	18.38			
100	QPSK	1	271	18.47	18.56	18.46			
100	QPSK	135	0	18.48	18.53	18.41	20.0	0.0	
100	QPSK	135	69	18.50	18.55	18.37	20.0	0.0	
100	QPSK	135	138	18.50	18.59	18.40	20.0	0.0	
100	QPSK	270	0	18.52	18.53	18.42			
100	16QAM	1	1	18.51	18.55	18.38	20.0	0.0	
100	64QAM	1	1	18.46	18.56	18.39	20.0	0.0	
100	256QAM	1	1	18.51	18.60	18.46	19.0	1.0	
Channel				508200	518598	528996	tune-up limit	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	18.44	18.62	18.41	20.0	0.0	
Channel				507204	518598	529998	tune-up limit	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	18.39	18.53	18.36	20.0	0.0	
Channel				506202	518598	531000	tune-up limit	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	18.42	18.61	18.36	20.0	0.0	
Channel				505200	518598	531996	tune-up limit	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	18.46	18.56	18.38	20.0	0.0	
Channel				504204	518598	532998	tune-up limit	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	18.45	18.60	18.30	20.0	0.0	
Channel				503700	518598	533496	tune-up limit	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	18.43	18.59	18.38	20.0	0.0	
Channel				503202	518598	534000	tune-up limit	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	18.48	18.59	18.32	20.0	0.0	
Channel				502704	518598	534498	tune-up limit	MPR (dB)	
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	18.39	18.64	18.39	20.0	0.0	
Channel				502200	518598	534996	tune-up limit	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	18.47	18.59	18.30	20.0	0.0	
Channel				501702	518598	535500	tune-up limit	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	18.44	18.54	18.33	20.0	0.0	
Channel				501204	518598	535998	tune-up limit	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	18.48	18.55	18.39	20.0	0.0	
Channel				500700	518598	536496	tune-up limit	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	18.45	18.59	18.30	20.0	0.0	
Channel				500202	518598	537000	tune-up limit	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	18.38	18.63	18.40	20.0	0.0	

n48 Ant10 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				638000	641666	646332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	23.31	23.44	23.31			
40	1/2 BPSK	1	53	23.34	23.39	23.30	25.0	0.0	
40	1/2 BPSK	1	104	23.30	23.42	23.40			
40	1/2 BPSK	50	0	22.64	22.75	22.64	24.5	0.5	
40	1/2 BPSK	50	28	23.35	23.43	23.38	25.0	0.0	
40	1/2 BPSK	50	56	22.57	22.63	22.56			
40	1/2 BPSK	100	0	22.67	22.76	22.66	24.5	0.5	
40	QPSK	1	1	23.39	23.48	23.45			
40	QPSK	1	53	23.36	23.43	23.36	25.0	0.0	
40	QPSK	1	104	23.36	23.39	23.30			
40	QPSK	50	0	22.43	22.46	22.29	24.0	1.0	
40	QPSK	50	28	23.34	23.45	23.36	25.0	0.0	
40	QPSK	50	56	22.36	22.42	22.31			
40	QPSK	100	0	22.39	22.49	22.39	24.0	1.0	
40	16QAM	1	1	22.26	22.35	22.23	24.0	1.0	
40	64QAM	1	1	20.51	20.63	20.56	22.5	2.5	
40	256QAM	1	1	18.65	18.72	18.65	20.5	4.5	
Channel				637663	641666	646666			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	23.28	23.35	23.40	25.0	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	23.32	23.37	23.40	25.0	0.0	
Channel				637163	641666	646166			
Frequency (MHz)				3557.52	3624.99	3692.49			
15	QPSK	1	1	23.29	23.35	23.38	25.0	0.0	
Channel				637000	641666	646332			
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	23.33	23.40	23.41	25.0	0.0	

Part270 n77 Ant10 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	25.49	25.63	25.48			
100	1/2 BPSK	1	137	25.51	25.66	25.51	26.0	0.0	
100	1/2 BPSK	1	271	25.37	25.57	25.50			
100	1/2 BPSK	135	0	25.50	25.56	25.42	26.0	0.0	
100	1/2 BPSK	135	69	25.34	25.40	25.53	26.0	0.0	
100	1/2 BPSK	135	138	25.44	25.57	25.62			
100	1/2 BPSK	270	0	25.53	25.58	25.52	26.0	0.0	
100	QPSK	1	1	25.66	25.76	25.71			
100	QPSK	1	137	25.48	25.61	25.46	26.0	0.0	
100	QPSK	1	271	25.45	25.53	25.46			
100	QPSK	135	0	25.47	25.53	25.40	26.0	0.0	
100	QPSK	135	69	25.56	25.67	25.61	26.0	0.0	
100	QPSK	135	138	25.49	25.63	25.58			
100	QPSK	270	0	25.40	25.56	25.50	26.0	0.0	
100	16QAM	1	1	25.62	25.71	25.46	26.0	0.0	
100	64QAM	1	1	25.03	25.21	25.08	25.5	0.5	
100	256QAM	1	1	23.01	23.14	23.12	23.5	2.5	
Channel				646668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	25.54	25.64	25.63	26.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	25.61	25.71	25.65	26.0	0.0	
Channel				649200	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	25.53	25.64	25.61	26.0	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	25.58	25.63	25.59	26.0	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	25.57	25.72	25.57	26.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	25.51	25.68	25.55	26.0	0.0	
Channel				647668	656000	663968			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	25.59	25.67	25.64	26.0	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	25.52	25.66	25.58	26.0	0.0	
Channel				647334	656000	663968			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	25.54	25.69	25.58	26.0	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	25.50	25.66	25.60	26.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	25.58	25.64	25.59	26.0	0.0	

Part270 n77 PC2 Ant10 DSI4									
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				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	27.32	27.71	27.56			
100	1/2 BPSK	1	137	27.27	27.55	27.56	29.0	0.0	0.0
100	1/2 BPSK	1	271	27.42	27.68	27.56			
100	1/2 BPSK	135	0	26.93	27.20	27.11	28.5	0.5	0.5
100	1/2 BPSK	135	69	27.34	27.63	27.59	29.0	0.0	0.0
100	1/2 BPSK	135	138	26.99	27.21	27.12	28.5	0.5	0.5
100	1/2 BPSK	270	0	26.90	27.22	27.21			
100	QPSK	1	1	27.44	27.72	27.64			
100	QPSK	1	137	27.34	27.62	27.55	29.0	0.0	0.0
100	QPSK	1	271	27.42	27.57	27.55			
100	QPSK	135	0	26.48	26.69	26.58	28.0	1.0	1.0
100	QPSK	135	69	27.37	27.65	27.56	29.0	0.0	0.0
100	QPSK	135	138	26.40	26.74	26.63			
100	QPSK	270	0	26.38	26.66	26.60	28.0	1.0	1.0
100	16QAM	1	1	26.47	26.70	26.58	28.0	1.0	1.0
100	64QAM	1	1	24.91	25.20	25.13	26.5	2.5	2.5
100	256QAM	1	1	22.94	23.18	23.19	24.5	4.5	4.5
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	27.38	27.61	27.49	29.0	0.0	0.0
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	27.32	27.58	27.57	29.0	0.0	0.0
Channel				649200	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	27.28	27.56	27.60	29.0	0.0	0.0
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	27.37	27.68	27.54	29.0	0.0	0.0
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	27.37	27.67	27.57	29.0	0.0	0.0
Channel				648000	656000	664000			
Frequency (MHz)				3730	3840	3960			
40	QPSK	1	1	27.33	27.60	27.58	29.0	0.0	0.0
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	27.36	27.61	27.52	29.0	0.0	0.0
Channel				647000	656000	664500			
Frequency (MHz)				3712.5	3840	397.5			
25	QPSK	1	1	27.30	27.66	27.56	29.0	0.0	0.0
Channel				646334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	27.33	27.62	27.48	29.0	0.0	0.0
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	27.32	27.69	27.59	29.0	0.0	0.0
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	27.31	27.65	27.58	29.0	0.0	0.0

Part27Q n77 PC2 Ant10 DS14									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				63333.33333333333					
				3500.01					
100	1/2 BPSK	1	1		27.53				
100	1/2 BPSK	1	137		27.54		29.0	0.0	
100	1/2 BPSK	1	271		27.50				
100	1/2 BPSK	135	0		27.19		28.5	0.5	
100	1/2 BPSK	135	69		27.59		29.0	0.0	
100	1/2 BPSK	135	138		27.19		28.5	0.5	
100	1/2 BPSK	270	0		27.12				
100	QPSK	1	1		27.60				
100	QPSK	1	137		27.54		29.0	0.0	
100	QPSK	1	271		27.51				
100	QPSK	135	0		26.67		28.0	1.0	
100	QPSK	135	69		27.54		29.0	0.0	
100	QPSK	135	138		26.68		28.0	1.0	
100	QPSK	270	0		26.62				
100	16QAM	1	1		26.54		28.0	1.0	
100	64QAM	1	1		25.12		26.5	2.5	
100	256QAM	1	1		23.09		24.5	4.5	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	27.53	27.54	27.51	29.0	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	27.54	27.52	27.46	29.0	0.0	
Channel				633234	633334	633334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	27.47	27.47	27.45	29.0	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	27.48	27.56	27.54	29.0	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	27.50	27.51	27.46	29.0	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	27.48	27.53	27.53	29.0	0.0	
Channel				631000	633334	635998	MPR		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	27.56	27.46	27.50	29.0	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	27.47	27.55	27.55	29.0	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	27.56	27.52	27.52	29.0	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	27.47	27.52	27.55	29.0	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	27.55	27.44	27.47	29.0	0.0	

Part270 n78 Ant10 DS14									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				650000					
100	1/2 BPSK	1	1		25.55				
100	1/2 BPSK	1	137		25.52		26.0	0.0	
100	1/2 BPSK	1	271		25.46				
100	1/2 BPSK	135	0		25.49		26.0	0.0	
100	1/2 BPSK	135	69		25.41		26.0	0.0	
100	1/2 BPSK	135	138		25.53				
100	1/2 BPSK	270	0		25.47		26.0	0.0	
100	QPSK	1	1		25.56				
100	QPSK	1	137		25.42		26.0	0.0	
100	QPSK	1	271		25.28				
100	QPSK	135	0		25.23		26.0	0.0	
100	QPSK	135	69		25.45		26.0	0.0	
100	QPSK	135	138		25.41				
100	QPSK	270	0		25.38		26.0	0.0	
100	16QAM	1	1		25.51		26.0	0.0	
100	64QAM	1	1		24.91		25.5	0.5	
100	256QAM	1	1		23.01		23.5	2.5	
Channel				648668	650000	650334	MPR		
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	25.44	25.44	25.40	26.0	0.0	
Channel				649334	650000	650668	MPR		
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	25.45	25.43	25.46	26.0	0.0	
Channel				649000	650000	651000	MPR		
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	25.45	25.50	25.52	26.0	0.0	
Channel				648668	650000	651334	MPR		
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	25.48	25.41	25.47	26.0	0.0	
Channel				648334	650000	651668	MPR		
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	25.41	25.41	25.45	26.0	0.0	
Channel				648000	650000	652000	MPR		
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	25.45	25.42	25.47	26.0	0.0	
Channel				647668	650000	652334	MPR		
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	25.48	25.49	25.48	26.0	0.0	
Channel				647500	650000	652500	MPR		
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	25.43	25.44	25.43	26.0	0.0	
Channel				647334	650000	652668	MPR		
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	25.51	25.42	25.41	26.0	0.0	
Channel				647168	650000	652834	MPR		
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	25.49	25.46	25.52	26.0	0.0	
Channel				647000	650000	653000	MPR		
Frequency (MHz)				3702	3750	3795			
10	QPSK	1	1	25.43	25.51	25.50	26.0	0.0	

Part270 n78 PC2 Ant10 DS14									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				3760					
100	1/2 BPSK	1	1		27.41				
100	1/2 BPSK	1	137		27.49		29.0	0.0	
100	1/2 BPSK	1	271		27.42				
100	1/2 BPSK	135	0		27.09		28.5	0.5	
100	1/2 BPSK	135	69		27.51		29.0	0.0	
100	1/2 BPSK	135	138		27.13				
100	1/2 BPSK	270	0		27.04		28.5	0.5	
100	QPSK	1	1		27.53				
100	QPSK	1	137		27.49		29.0	0.0	
100	QPSK	1	271		27.38				
100	QPSK	135	0		26.52		28.0	1.0	
100	QPSK	135	69		27.42		29.0	0.0	
100	QPSK	135	138		26.53				
100	QPSK	270	0		26.58		28.0	1.0	
100	16QAM	1	1		26.41		28.0	1.0	
100	64QAM	1	1		25.03		26.5	2.5	
100	256QAM	1	1		23.00		24.5	4.5	
Channel				649668	650000	650334	MPR		
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	27.45	27.38	27.47	29.0	0.0	
Channel				649334	650000	650668	MPR		
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	27.46	27.39	27.49	29.0	0.0	
Channel				649000	650000	651000	MPR		
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	27.38	27.44	27.41	29.0	0.0	
Channel				648668	650000	651334	MPR		
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	27.48	27.44	27.39	29.0	0.0	
Channel				648334	650000	651668	MPR		
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	27.39	27.39	27.37	29.0	0.0	
Channel				648000	650000	652000	MPR		
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	27.48	27.42	27.47	29.0	0.0	
Channel				647668	650000	652334	MPR		
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	27.42	27.48	27.39	29.0	0.0	
Channel				647334	650000	652668	MPR		
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	27.44	27.39	27.48	29.0	0.0	
Channel				647334	650000	652668	MPR		
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	27.42	27.40	27.47	29.0	0.0	
Channel				647168	650000	652834	MPR		
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	27.48	27.47	27.40	29.0	0.0	
Channel				647000	650000	653000	MPR		
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	27.42	27.39	27.46	29.0	0.0	

Part27Q n78 PC2 Ant10 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			29.0	0.0	
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1	27.29			29.0	0.0	
100	1/2 BPSK	1	137	27.38					
100	1/2 BPSK	1	271	27.33			28.5	0.5	
100	1/2 BPSK	135	0	27.01					
100	1/2 BPSK	135	69	27.38			29.0	0.0	
100	1/2 BPSK	135	138	27.04					
100	1/2 BPSK	270	0	26.94			28.5	0.5	
100	QPSK	1	1	27.47					
100	QPSK	1	137	27.45			29.0	0.0	
100	QPSK	1	271	27.30					
100	QPSK	135	0	26.37			28.0	1.0	
100	QPSK	135	69	27.31					
100	QPSK	135	138	26.43			28.0	1.0	
100	QPSK	270	0	26.51					
100	16QAM	1	1	26.34			28.0	1.0	
100	64QAM	1	1	24.96					
100	256QAM	1	1	24.53			24.5	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3486	3500.01	3505.02	29.0	0.0	
90	QPSK	1	1	27.40	27.34	27.37			
Channel				632668	633334	634000	29.0	0.0	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	27.32	27.40	27.36	29.0	0.0	
Channel				632314	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01	29.0	0.0	
70	QPSK	1	1	27.32	27.43	27.36			
Channel				632000	633334	634668	29.0	0.0	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	27.33	27.42	27.33	29.0	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	29.0	0.0	
50	QPSK	1	1	27.40	27.36	27.41			
Channel				631334	633334	635334	29.0	0.0	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	27.42	27.37	27.42	29.0	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	29.0	0.0	
30	QPSK	1	1	27.37	27.41	27.40			
Channel				630834	633334	635834	29.0	0.0	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	27.38	27.37	27.37	29.0	0.0	
Channel				630568	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	29.0	0.0	
20	QPSK	1	1	27.32	27.40	27.35			
Channel				630500	633334	636168	29.0	0.0	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	27.37	27.43	27.32	29.0	0.0	
Channel				630384	633334	636342			
Frequency (MHz)				3455.01	3500.01	3545.01	29.0	0.0	
10	QPSK	1	1	27.37	27.38	27.43			

Reduced Power Mode for DSI5_Main PA

n5 Ant0 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	1/2 BPSK	1	1	25.29	25.29	25.29			
20	1/2 BPSK	1	53	25.31	25.28	25.24	25.7	0.0	
20	1/2 BPSK	1	104	25.11	25.13	25.14			
20	1/2 BPSK	50	0	24.69	24.70	24.63	25.2	0.5	
20	1/2 BPSK	50	28	25.28	25.32	25.26	25.7	0.0	
20	1/2 BPSK	50	56	24.62	24.72	24.63			
20	1/2 BPSK	100	0	24.82	24.77	24.82	25.2	0.5	
20	QPSK	1	1	25.29	25.33	25.27			
20	QPSK	1	53	25.32	25.32	25.24	25.7	0.0	
20	QPSK	1	104	25.13	25.09	25.09			
20	QPSK	50	0	24.23	24.27	24.26	24.7	1.0	
20	QPSK	50	28	25.20	25.23	25.21	25.7	0.0	
20	QPSK	50	56	24.15	24.08	24.08			
20	QPSK	100	0	24.26	24.29	24.28	24.7	1.0	
20	16QAM	1	1	24.16	24.15	24.20	24.7	1.0	
20	64QAM	1	1	22.63	22.62	22.60	23.2	2.5	
20	256QAM	1	1	20.49	20.51	20.56	21.2	4.5	
Channel				166300	167300	168300	Turn-up limit	MPR	
Frequency (MHz)				831.5	836.5	841.5	(dB)		
15	QPSK	1	1	25.24	25.19	25.17	25.7	0.0	
Channel				165800	167300	168800	Turn-up limit	MPR	
Frequency (MHz)				829	836.5	844	(dB)		
10	QPSK	1	1	25.22	25.22	25.13	25.7	0.0	
Channel				165300	167300	169300	Turn-up limit	MPR	
Frequency (MHz)				826.5	836.5	846.5	(dB)		
5	QPSK	1	1	25.14	25.26	25.21	25.7	0.0	

n12 Ant0 DSI5									
BW [MHz]	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)				706.5	707.5	708.5			
15	1/2 BPSK	1	1	25.39	25.39	25.48			
15	1/2 BPSK	1	40	25.41	25.43	25.38	25.7	0.0	
15	1/2 BPSK	1	77	25.32	25.35	25.29			
15	1/2 BPSK	36	0	24.88	24.83	24.89	25.2	0.5	
15	1/2 BPSK	36	22	25.43	25.39	25.45	25.7	0.0	
15	1/2 BPSK	36	43	24.84	24.80	24.79			
15	1/2 BPSK	75	0	24.93	24.99	24.90	25.2	0.5	
15	QPSK	1	1	25.47	25.52	25.48			
15	QPSK	1	40	25.48	25.43	25.38	25.7	0.0	
15	QPSK	1	77	25.33	25.24	25.26			
15	QPSK	36	0	24.37	24.46	24.43	24.7	1.0	
15	QPSK	36	22	25.44	25.47	25.43	25.7	0.0	
15	QPSK	36	43	24.33	24.27	24.23			
15	QPSK	75	0	24.48	24.52	24.45	24.7	1.0	
15	16QAM	1	1	24.26	24.37	24.32	24.7	1.0	
15	64QAM	1	1	22.84	22.73	22.82	23.2	2.5	
15	256QAM	1	1	20.71	20.73	20.66	21.2	4.5	
Channel				140800	141500	142200	Turn-up limit	MPR	
Frequency (MHz)				704	707.5	711	(dB)		
10	QPSK	1	1	25.41	25.46	25.43	25.7	0.0	
Channel				140300	141500	142700	Turn-up limit	MPR	
Frequency (MHz)				701.5	707.5	713.5	(dB)		
5	QPSK	1	1	25.32	25.43	25.40	25.7	0.0	

n26 Ant0 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	1/2 BPSK	1	1	25.34	25.35	25.33			
20	1/2 BPSK	1	53	25.25	25.30	25.28	25.7	0.0	
20	1/2 BPSK	1	104	25.19	25.11	25.09			
20	1/2 BPSK	50	0	24.74	24.66	24.76	25.2	0.5	
20	1/2 BPSK	50	28	25.29	25.27	25.36	25.7	0.0	
20	1/2 BPSK	50	56	24.68	24.74	24.73			
20	1/2 BPSK	100	0	24.78	24.79	24.79	25.2	0.5	
20	QPSK	1	1	25.35	25.39	25.37			
20	QPSK	1	53	25.36	25.33	25.27	25.7	0.0	
20	QPSK	1	104	25.14	25.14	25.09			
20	QPSK	50	0	24.32	24.28	24.22	24.7	1.0	
20	QPSK	50	28	25.29	25.34	25.31	25.7	0.0	
20	QPSK	50	56	24.05	24.09	24.09			
20	QPSK	100	0	24.35	24.36	24.29	24.7	1.0	
20	16QAM	1	1	24.15	24.19	24.11	24.7	1.0	
20	64QAM	1	1	22.59	22.59	22.58	23.2	2.5	
20	256QAM	1	1	20.48	20.46	20.53	21.2	4.5	
Channel				164300	166300	168300	Turn-up limit	MPR	
Frequency (MHz)				821.5	831.5	841.5	(dB)		
15	QPSK	1	1	25.22	25.24	25.23	25.7	0.0	
Channel				163800	166300	168800	Turn-up limit	MPR	
Frequency (MHz)				819	831.5	844	(dB)		
10	QPSK	1	1	25.30	25.32	25.27	25.7	0.0	
Channel				163300	166300	169300	Turn-up limit	MPR	
Frequency (MHz)				816.5	831.5	846.5	(dB)		
5	QPSK	1	1	25.24	25.33	25.33	25.7	0.0	

n71 Ant0 DSI5								
BW [MHz]	Modulat-on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				136100			25.7	0.0
Frequency (MHz)				680.5				
35	1/2 BPSK	1	1	25.24				
35	1/2 BPSK	1	90	25.14				
35	1/2 BPSK	1	186	25.10			25.2	0.5
35	1/2 BPSK	90	0	24.60				
35	1/2 BPSK	90	45	25.20				
35	1/2 BPSK	90	90	24.58				
35	1/2 BPSK	180	0	24.70			25.7	0.0
35	QPSK	1	1	25.25				
35	QPSK	1	90	25.16				
35	QPSK	1	186	25.00				
35	QPSK	90	0	24.16			24.7	1.0
35	QPSK	90	45	25.21				
35	QPSK	90	90	24.06				
35	QPSK	180	0	24.23				
35	16QAM	1	1	24.04			24.7	1.0
35	64QAM	1	1	22.54				
35	256QAM	1	1	20.48				
Channel				135600	136100	136600	25.7	0.0
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	25.14	25.19	25.10		
Channel				135100	136100	137100	25.7	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	25.12	25.10	25.18		
Channel				134600	136100	137600	25.7	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	25.18	25.13	25.15		
Channel				134100	136100	138100	25.7	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	25.10	25.14	25.17		
Channel				133600	136100	138600	25.7	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	25.14	25.15	25.14		
Channel				133100	136100	139100	25.7	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	25.15	25.15	25.08		

n5 Ant1 DSI5											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				166800	167300	167800					
Frequency (MHz)				834	836.5	838					
20	1/2 BPSK	1	1	20.91	20.93	20.94	21.2	0.0			
20	1/2 BPSK	1	53	20.91	20.91	20.86					
20	1/2 BPSK	1	104	20.97	21.02	20.93					
20	1/2 BPSK	50	0	20.93	21.03	20.93	21.2	0.0			
20	1/2 BPSK	50	28	20.89	20.96	20.87	21.2	0.0			
20	1/2 BPSK	50	56	20.92	20.94	20.87	21.2	0.0			
20	1/2 BPSK	100	0	20.97	21.02	20.87	21.2	0.0			
20	QPSK	1	1	21.00	21.05	20.98					
20	QPSK	1	53	20.94	20.98	20.86					
20	QPSK	1	104	20.93	20.91	20.94	21.2	0.0			
20	QPSK	50	0	20.88	20.95	20.85					
20	QPSK	50	28	20.97	21.01	20.93					
20	QPSK	50	56	20.96	20.96	20.85	21.2	0.0			
20	QPSK	100	0	20.88	20.98	20.85					
20	16QAM	1	1	20.91	20.93	20.87	21.2	0.0			
20	64QAM	1	1	20.90	20.94	20.95	21.2	0.0			
20	256QAM	1	1	20.89	20.95	20.90	21.2	0.0			
Channel				168300	167300	168300					
Frequency (MHz)				831.5	836.5	841.5					
15	QPSK	1	1	20.98	21.01	20.94	21.2	0.0			
Channel				165900	167300	168800					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	1	20.91	20.93	20.90	21.2	0.0			
Channel				163500	167300	165200					
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	1	20.89	21.01	20.93	21.2	0.0			

n12 Ant1 DSI5									
BW [MHz]	Modulat- ion	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune- up limit [dBm]		
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	1/2 BPSK	1	1	24.54	24.60	24.52	24.7	0.0	
15	1/2 BPSK	1	40	24.48	24.55	24.55			
15	1/2 BPSK	1	77	24.58	24.59	24.56			
15	1/2 BPSK	36	0	24.52	24.65	24.57	24.7	0.0	
15	1/2 BPSK	36	22	24.54	24.64	24.47	24.7	0.0	
15	1/2 BPSK	36	43	24.51	24.59	24.55	24.7	0.0	
15	1/2 BPSK	75	0	24.56	24.57	24.51	24.7	0.0	
15	QPSK	1	1	24.62	24.68	24.60			
15	QPSK	1	40	24.50	24.57	24.55			
15	QPSK	1	77	24.56	24.61	24.56	24.7	0.0	
15	QPSK	36	0	24.58	24.64	24.52			
15	QPSK	36	22	24.50	24.65	24.57			
15	QPSK	36	43	24.52	24.58	24.49	24.7	0.0	
15	QPSK	75	0	24.54	24.63	24.54	24.7	0.0	
15	16QAM	1	1	24.54	24.60	24.47			
15	64QAM	1	1	23.10	23.15	23.16	23.2	1.5	
15	256QAM	1	1	21.16	21.12	21.05	21.2	3.5	
Channel				140800	141500	142200			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	24.52	24.62	24.57	24.7	0.0	
Channel				140300	141500	142700			
Frequency (MHz)				701.5	707.5	713.5 <td colspan="3"></td>			
5	QPSK	1	1	24.60	24.57	24.52	24.7	0.0	

n26 Ant1 DSI5											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				164800	166300	167800					
Frequency (MHz)				824	831.5	839					
20	1/2 BPSK	1	1	20.41	20.48	20.37	20.7	0.0			
20	1/2 BPSK	1	53	20.45	20.42	20.39					
20	1/2 BPSK	1	104	20.41	20.53	20.45					
20	1/2 BPSK	50	0	20.37	20.44	20.35	20.7	0.0			
20	1/2 BPSK	50	28	20.39	20.45	20.43	20.7	0.0			
20	1/2 BPSK	50	56	20.43	20.45	20.37	20.7	0.0			
20	1/2 BPSK	100	0	20.42	20.42	20.39	20.7	0.0			
20	QPSK	1	1	20.50	20.55	20.48					
20	QPSK	1	53	20.37	20.52	20.37					
20	QPSK	1	104	20.41	20.46	20.40	20.7	0.0			
20	QPSK	50	0	20.43	20.51	20.45					
20	QPSK	50	28	20.40	20.53	20.42					
20	QPSK	50	56	20.42	20.46	20.41	20.7	0.0			
20	QPSK	100	0	20.44	20.52	20.41					
20	16QAM	1	1	20.36	20.46	20.44	20.7	0.0			
20	64QAM	1	1	20.38	20.44	20.37	20.7	0.0			
20	256QAM	1	1	20.37	20.42	20.40	20.7	0.0			
Channel				164300	166300	165900					
Frequency (MHz)				821.5	831.5	841.5					
15	QPSK	1	1	20.45	20.44	20.44	20.7	0.0			
Channel				163800	166300	168800					
Frequency (MHz)				819	831.5	844					
10	QPSK	1	1	20.42	20.52	20.39	20.7	0.0			
Channel				163300	166300	165200					
Frequency (MHz)				816.5	831.5	846.5					
5	QPSK	1	1	20.42	20.50	20.36	20.7	0.0			

n71 Ant1 DS15											
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune- up limit (dBm)	MPR (dB)			
Channel				136100							
Frequency (MHz)				680.5							
35	1/2 BPSK	1	1		23.72		24.2	0.0			
35	1/2 BPSK	1	90		23.76						
35	1/2 BPSK	1	186		23.70						
35	1/2 BPSK	90	0		23.68		24.2	0.0			
35	1/2 BPSK	90	45		23.79		24.2	0.0			
35	1/2 BPSK	90	90		23.76		24.2	0.0			
35	1/2 BPSK	180	0		23.74		24.2	0.0			
35	QPSK	1	1		23.83						
35	QPSK	1	90		23.78						
35	QPSK	1	186		23.71		24.2	0.0			
35	QPSK	90	0		23.74						
35	QPSK	90	45		23.80						
35	QPSK	90	90		23.79		24.2	0.0			
35	QPSK	180	0		23.77		24.2	0.0			
35	16QAM	1	1		23.73						
35	64QAM	1	1		22.85		23.2	1.0			
35	256QAM	1	1		20.80		21.2	3.0			
Channel				135600	136100	136600					
Frequency (MHz)				678	680.5	683					
30	QPSK	1	1	23.72	23.78	23.76	24.2	0.0			
Channel				135100	136100	137100					
Frequency (MHz)				675.5	680.5	685.5					
25	QPSK	1	1	23.59	23.73	23.72	24.2	0.0			
Channel				134600	136100	135100					
Frequency (MHz)				673	680.5	688					
20	QPSK	1	1	23.67	23.64	23.65	24.2	0.0			
Channel				134100	136100	138100					
Frequency (MHz)				670.5	680.5	690.5					
15	QPSK	1	1	23.62	23.76	23.65	24.2	0.0			
Channel				133600	136100	136600					
Frequency (MHz)				668	680.5	693					
10	QPSK	1	1	23.70	23.72	23.63	24.2	0.0			
Channel				133100	136100	139100					
Frequency (MHz)				665.5	680.5	695.5					
5	QPSK	1	1	23.67	23.69	23.72	24.2	0.0			

n2 Ant5 DSI5										
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				374000	376000	378000				
Frequency (MHz)				1870	1880	1890				
40	1/2 BPSK	1	1	18.36	18.27	18.31				
40	1/2 BPSK	1	108	18.33	18.38	18.27	19.0	0.0		
40	1/2 BPSK	1	214	18.26	18.37	18.22				
40	1/2 BPSK	108	0	18.34	18.29	18.23	19.0	0.0		
40	1/2 BPSK	108	54	18.36	18.33	18.32	19.0	0.0		
40	1/2 BPSK	108	108	18.29	18.32	18.26				
40	1/2 BPSK	216	0	18.24	18.28	18.23	19.0	0.0		
40	QPSK	1	1	18.38	18.41	18.35				
40	QPSK	1	108	18.33	18.33	18.21	19.0	0.0		
40	QPSK	1	214	18.29	18.30	18.32				
40	QPSK	108	0	18.26	18.27	18.32	19.0	0.0		
40	QPSK	108	54	18.26	18.38	18.22	19.0	0.0		
40	QPSK	108	108	18.24	18.31	18.25				
40	QPSK	216	0	18.31	18.35	18.32	19.0	0.0		
40	16QAM	1	1	18.34	18.29	18.30	19.0	0.0		
40	64QAM	1	1	18.25	18.30	18.21	19.0	0.0		
40	256QAM	1	1	18.27	18.32	18.32	19.0	0.0		
Channel				373500	376000	378500				
Frequency (MHz)				1887.5	1880	1892.5				
35	QPSK	1	1	18.35	18.35	18.30	19.0	0.0		
Channel				373000	376000	378000				
Frequency (MHz)				1895	1880	1895				
30	QPSK	1	1	18.26	18.33	18.32	19.0	0.0		
Channel				372500	376000	378500				
Frequency (MHz)				1892.5	1880	1897.5				
25	QPSK	1	1	18.25	18.30	18.32	19.0	0.0		
Channel				372000	376000	380000				
Frequency (MHz)				1900	1900	1900				
20	QPSK	1	1	18.31	18.30	18.30	19.0	0.0		
Channel				371500	376000	380500				
Frequency (MHz)				1897.5	1880	1902.5				
15	QPSK	1	1	18.31	18.38	18.21	19.0	0.0		
Channel				371000	376000	381000				
Frequency (MHz)				1895	1890	1905				
10	QPSK	1	1	18.27	18.31	18.24	19.0	0.0		
Channel				370500	376000	381500				
Frequency (MHz)				1892.5	1880	1907.5				
5	QPSK	1	1	18.36	18.29	18.28	19.0	0.0		

n7 Ant5 DSI5										
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				505000	507000	509000				
Frequency (MHz)				2525	2535	2545				
50	1/2 BPSK	1	1	17.74	17.77	17.64				
50	1/2 BPSK	1	135	17.75	17.79	17.67	18.0	0.0		
50	1/2 BPSK	1	268	17.71	17.78	17.64				
50	1/2 BPSK	135	0	17.68	17.72	17.63	18.0	0.0		
50	1/2 BPSK	135	68	17.65	17.70	17.70	18.0	0.0		
50	1/2 BPSK	135	135	17.74	17.78	17.62				
50	1/2 BPSK	270	0	17.75	17.72	17.71	18.0	0.0		
50	QPSK	1	1	17.78	17.83	17.75				
50	QPSK	1	135	17.72	17.74	17.68	18.0	0.0		
50	QPSK	1	268	17.70	17.81	17.65				
50	QPSK	135	0	17.74	17.70	17.66	18.0	0.0		
50	QPSK	135	68	17.65	17.68	17.64	18.0	0.0		
50	QPSK	135	135	17.75	17.73	17.73				
50	QPSK	270	0	17.72	17.77	17.61	18.0	0.0		
50	16QAM	1	1	17.75	17.75	17.68	18.0	0.0		
50	64QAM	1	1	17.73	17.73	17.66	18.0	0.0		
50	256QAM	1	1	17.67	17.74	17.65	18.0	0.0		
Channel				504000	507000	510000				
Frequency (MHz)				2520	2535	2550				
40	QPSK	1	1	17.66	17.73	17.71	18.0	0.0		
Channel				503500	507000	510500				
Frequency (MHz)				2517.5	2535	2552.5				
35	QPSK	1	1	17.67	17.71	17.69	18.0	0.0		
Channel				503000	507000	511000				
Frequency (MHz)				2515	2535	2555				
30	QPSK	1	1	17.76	17.70	17.64	18.0	0.0		
Channel				502500	507000	511500				
Frequency (MHz)				2512.5	2535	2557.5				
25	QPSK	1	1	17.70	17.72	17.64	18.0	0.0		
Channel				502000	507000	512000				
Frequency (MHz)				2510	2535	2560				
20	1/2 BPSK	1	1	17.74	17.75	17.71	18.0	0.0		
Channel				501500	507000	512500				
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	1	17.64	17.80	17.61	18.0	0.0		
Channel				501000	507000	513000				
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	1	17.70	17.80	17.71	18.0	0.0		
Channel				500500	507000	513500				
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	1	17.64	17.72	17.67	18.0	0.0		

n25 Ant5 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (kHz)	Power Middle Ch. / Freq. (kHz)	Power High Ch. / Freq. (kHz)	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1892.5	1895			
40	1/2 BPSK	1	1	19.44	19.54	19.39			
40	1/2 BPSK	1	108	19.45	19.52	19.35	20.0	0.0	
40	1/2 BPSK	1	214	19.37	19.52	19.46			
40	1/2 BPSK	108	0	19.49	19.48	19.37	20.0	0.0	
40	1/2 BPSK	108	54	19.46	19.49	19.37	20.0	0.0	
40	1/2 BPSK	108	108	19.44	19.52	19.40			
40	1/2 BPSK	216	0	19.47	19.50	19.38	20.0	0.0	
40	QPSK	1	1	19.51	19.56	19.48			
40	QPSK	1	108	19.43	19.49	19.41	20.0	0.0	
40	QPSK	1	214	19.39	19.45	19.37			
40	QPSK	108	0	19.41	19.50	19.35	20.0	0.0	
40	QPSK	108	54	19.40	19.53	19.42	20.0	0.0	
40	QPSK	108	108	19.47	19.49	19.39			
40	QPSK	216	0	19.48	19.49	19.44	20.0	0.0	
40	16QAM	1	1	19.37	19.44	19.40	20.0	0.0	
40	64QAM	1	1	19.43	19.43	19.34	20.0	0.0	
40	256QAM	1	1	19.39	19.45	19.42	20.0	0.0	
Channel				373500	376500	379500			
Frequency (MHz)				1887.5	1892.5	1897.5			
35	QPSK	1	1	19.41	19.44	19.45	20.0	0.0	
Channel				373000	376500	380000			
Frequency (MHz)				1895	1892.5	1900			
30	QPSK	1	1	19.40	19.45	19.42	20.0	0.0	
Channel				372500	376500	380500			
Frequency (MHz)				1892.5	1892.5	1902.5			
25	QPSK	1	1	19.51	19.51	19.36	20.0	0.0	
Channel				372000	376500	381000			
Frequency (MHz)				1890	1892.5	1905			
20	QPSK	1	1	19.42	19.52	19.38	20.0	0.0	
Channel				371500	376500	381500			
Frequency (MHz)				1887.5	1892.5	1907.5			
15	QPSK	1	1	19.49	19.53	19.39	20.0	0.0	
Channel				371000	376500	382000			
Frequency (MHz)				1895	1892.5	1910			
10	QPSK	1	1	19.45	19.44	19.41	20.0	0.0	
Channel				370500	376500	382500			
Frequency (MHz)				1892.5	1892.5	1912.5			
5	QPSK	1	1	19.41	19.52	19.35	20.0	0.0	

n38 Ant5 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516034	516000	516996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	17.33	17.36	17.32			
40	1/2 BPSK	1	53	17.34	17.31	17.31	17.7	0.0	
40	1/2 BPSK	1	104	17.26	17.32	17.22			
40	1/2 BPSK	50	0	17.25	17.32	17.32	17.7	0.0	
40	1/2 BPSK	50	28	17.33	17.40	17.32	17.7	0.0	
40	1/2 BPSK	50	56	17.26	17.29	17.30			
40	1/2 BPSK	100	0	17.35	17.33	17.29	17.7	0.0	
40	QPSK	1	1	17.38	17.42	17.35			
40	QPSK	1	53	17.29	17.39	17.31	17.7	0.0	
40	QPSK	1	104	17.28	17.37	17.28			
40	QPSK	50	0	17.35	17.31	17.23	17.7	0.0	
40	QPSK	50	28	17.24	17.39	17.22	17.7	0.0	
40	QPSK	50	56	17.25	17.31	17.30			
40	QPSK	100	0	17.26	17.37	17.22	17.7	0.0	
40	16QAM	1	1	17.34	17.30	17.32	17.7	0.0	
40	64QAM	1	1	17.35	17.33	17.23	17.7	0.0	
40	256QAM	1	1	17.31	17.29	17.32	17.7	0.0	
Channel				517002	516000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	17.27	17.35	17.24	17.7	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	17.35	17.36	17.28	17.7	0.0	
Channel				516000	516000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	17.26	17.39	17.26	17.7	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	17.27	17.33	17.22	17.7	0.0	
Channel				516004	516000	522996			
Frequency (MHz)				2579.02	2595	2614.98			
10	QPSK	1	1	17.26	17.33	17.29	17.7	0.0	

n41 Ant5 DSI5									
BW (MHz)	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	518596	520090			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	17.03	17.00	17.04			
100	1/2 BPSK	1	137	16.98	17.03	17.03	17.5	0.0	
100	1/2 BPSK	1	271	17.04	17.05	16.92			
100	1/2 BPSK	135	0	17.01	17.01	16.99	17.5	0.0	
100	1/2 BPSK	135	69	16.98	17.04	16.97	17.5	0.0	
100	1/2 BPSK	135	138	17.06	17.07	17.03			
100	1/2 BPSK	270	0	16.95	17.01	16.99	17.5	0.0	
100	QPSK	1	1	17.08	17.11	17.06			
100	QPSK	1	137	16.94	17.01	17.00	17.5	0.0	
100	QPSK	1	271	17.03	17.01	16.95			
100	QPSK	135	0	17.03	16.99	17.04	17.5	0.0	
100	QPSK	135	69	16.96	17.06	16.99	17.5	0.0	
100	QPSK	135	138	17.04	16.98	17.04			
100	QPSK	270	0	17.02	17.04	17.03	17.5	0.0	
100	16QAM	1	1	16.95	16.98	16.99	17.5	0.0	
100	64QAM	1	1	16.96	16.99	16.95	17.5	0.0	
100	256QAM	1	1	16.97	17.02	17.00	17.5	0.0	
Channel				520000	518596	520996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	16.96	17.01	16.97	17.5	0.0	
Channel				507204	518596	520998			
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	17.03	16.98	16.93	17.5	0.0	
Channel				520000	518596	520996			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	17.00	17.07	17.02	17.5	0.0	
Channel				505200	518596	521996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	17.02	17.02	17.00	17.5	0.0	
Channel				520000	518596	520996			
Frequency (MHz)				2521.02	2592.99	2664.98			
50	QPSK	1	1	17.05	16.97	17.03	17.5	0.0	
Channel				503700	518596	523496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	16.97	17.08	16.95	17.5	0.0	
Channel				520000	518596	520996			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	17.00	17.08	16.93	17.5	0.0	
Channel				502704	518596	524498			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	16.95	17.01	17.03	17.5	0.0	
Channel				502200	518596	523996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	17.03	17.04	17.01	17.5	0.0	
Channel				501702	518596	523500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	17.03	16.99	16.94	17.5	0.0	
Channel				501204	518596	523996			
Frequency (MHz)				2506.52	2592.99	2679.99			
20	QPSK	1	1	16.95	17.05	16.96	17.5	0.0	
Channel				500700	518596	526496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	17.03	17.01	17.02	17.5	0.0	
Channel				500202	518596	527000			
Frequency (MHz)				2501.51	2592.99	2684			
10	QPSK	1	1	16.99	17.06	16.94	17.5	0.0	

n48 Ant5 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	16.88	17.00	16.83			
40	1/2 BPSK	1	53	16.93	17.02	16.89	18.0	0.0	
40	1/2 BPSK	1	104	16.90	17.01	16.86			
40	1/2 BPSK	50	0	16.93	16.96	16.92	18.0	0.0	
40	1/2 BPSK	50	28	16.95	16.99	16.94	18.0	0.0	
40	1/2 BPSK	50	56	16.96	17.03	16.90			
40	1/2 BPSK	100	0	16.92	16.99	16.88	18.0	0.0	
40	QPSK	1	1	16.98	17.05	16.96			
40	QPSK	1	53	16.88	16.97	16.91	18.0	0.0	
40	QPSK	1	104	16.91	16.97	16.84			
40	QPSK	50	0	16.95	16.94	16.87	18.0	0.0	
40	QPSK	50	28	16.93	17.02	16.88	18.0	0.0	
40	QPSK	50	56	16.86	16.96	16.87			
40	QPSK	100	0	16.89	16.98	16.87	18.0	0.0	
40	16QAM	1	1	16.88	16.97	16.89	18.0	0.0	
40	64QAM	1	1	16.89	16.92	16.86	18.0	0.0	
40	256QAM	1	1	16.87	16.96	16.91	18.0	0.0	
Channel				637008	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	16.84	17.02	16.91	18.0	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	16.89	16.94	16.87	18.0	0.0	
Channel				637168	641666	645166			
Frequency (MHz)				3567.00	3624.99	3671.66			
15	QPSK	1	1	16.89	17.00	16.91	18.0	0.0	
Channel				637000	641666	645332			
Frequency (MHz)				3565	3624.99	3684.98			
10	QPSK	1	1	16.90	16.91	16.94	18.0	0.0	

Part270 n77 PC2 Ant5 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				65000	65000	66200			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	19.65	19.72	19.61			
100	1/2 BPSK	1	137	19.62	19.71	19.61	20.0	0.0	
100	1/2 BPSK	1	271	19.62	19.71	19.64			
100	1/2 BPSK	135	0	19.56	19.61	19.65	20.0	0.0	
100	1/2 BPSK	135	69	19.57	19.66	19.65	20.0	0.0	
100	1/2 BPSK	135	138	19.61	19.62	19.63	20.0	0.0	
100	1/2 BPSK	270	0	19.53	19.69	19.57			
100	QPSK	1	1	19.70	19.78	19.73			
100	QPSK	1	137	19.64	19.59	19.72	20.0	0.0	
100	QPSK	1	271	19.61	19.57	19.59			
100	QPSK	135	0	19.65	19.72	19.72	20.0	0.0	
100	QPSK	135	69	19.63	19.76	19.61	20.0	0.0	
100	QPSK	135	138	19.69	19.67	19.67			
100	QPSK	270	0	19.58	19.70	19.65	20.0	0.0	
100	16QAM	1	1	19.51	19.65	19.60	20.0	0.0	
100	64QAM	1	1	19.61	19.61	19.65	20.0	0.0	
100	256QAM	1	1	19.59	19.61	19.64	20.0	0.0	
Channel				64666	65000	66234			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.54	19.70	19.66	20.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	19.61	19.73	19.69	20.0	0.0	
Channel				649200	650200	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.65	19.62	19.58	20.0	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	19.55	19.67	19.60	20.0	0.0	
Channel				648334	650200	663668			
Frequency (MHz)				3725.01	3840	3965.02			
50	QPSK	1	1	19.59	19.69	19.59	20.0	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.65	19.64	19.63	20.0	0.0	
Channel				647668	650000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	19.57	19.74	19.63	20.0	0.0	
Channel				647500	650000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	19.54	19.64	19.68	20.0	0.0	
Channel				647334	650000	664834			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	19.57	19.68	19.64	20.0	0.0	
Channel				647168	650000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.59	19.67	19.67	20.0	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.65	19.67	19.65	20.0	0.0	

Part27Q n77 Ant5 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	1/2 BPSK	1	1		15.64				
100	1/2 BPSK	1	137		15.63		16.5	0.0	
100	1/2 BPSK	1	271		15.64				
100	1/2 BPSK	135	0		15.56		16.5	0.0	
100	1/2 BPSK	135	69		15.62		16.5	0.0	
100	1/2 BPSK	135	138		15.55		16.5	0.0	
100	1/2 BPSK	270	0		15.58				
100	QPSK	1	1		15.66				
100	QPSK	1	137		15.55		16.5	0.0	
100	QPSK	1	271		15.55				
100	QPSK	135	0		15.63		16.5	0.0	
100	QPSK	135	69		15.61		16.5	0.0	
100	QPSK	135	138		15.59		16.5	0.0	
100	QPSK	270	0		15.61				
100	16QAM	1	1		15.58		16.5	0.0	
100	64QAM	1	1		15.55		16.5	0.0	
100	256QAM	1	1		15.56		16.5	0.0	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	15.54	15.60	15.58	16.5	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	15.43	15.53	15.54	16.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	15.52	15.58	15.52	16.5	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	15.51	15.50	15.43	16.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	15.52	15.58	15.47	16.5	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	15.52	15.51	15.47	16.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	15.45	15.56	15.57	16.5	0.0	
Channel				630634	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	15.53	15.55	15.51	16.5	0.0	
Channel				630500	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	15.46	15.58	15.51	16.5	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	15.44	15.52	15.51	16.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	15.44	15.59	15.51	16.5	0.0	

Part27Q n77 PC2 Ant5 DSI5									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit [dBm]	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	1/2 BPSK	1	1		19.17			20.0	0.0
100	1/2 BPSK	1	137		19.07			20.0	0.0
100	1/2 BPSK	1	271		19.16			20.0	0.0
100	1/2 BPSK	135	0		19.10			20.0	0.0
100	1/2 BPSK	135	69		19.18			20.0	0.0
100	1/2 BPSK	135	138		19.00			20.0	0.0
100	1/2 BPSK	270	0		19.07			20.0	0.0
100	QPSK	1	1		19.24				
100	QPSK	1	137		19.06			20.0	0.0
100	QPSK	1	271		18.97				
100	QPSK	135	0		19.15			20.0	0.0
100	QPSK	135	69		19.21			20.0	0.0
100	QPSK	135	138		19.10			20.0	0.0
100	QPSK	270	0		19.17			20.0	0.0
100	16QAM	1	1		19.08			20.0	0.0
100	64QAM	1	1		19.09			20.0	0.0
100	256QAM	1	1		19.08			20.0	0.0
Channel				633300			633334	633668	
Frequency (MHz)				3485			3500.31	3505.01	
90	QPSK	1	1	19.20	19.16	19.10			
Channel				632668			633334	634000	
Frequency (MHz)				3490.02			3500.01	3510	
80	QPSK	1	1	19.19	19.14	19.14	20.0		
Channel				632334			633334	634334	
Frequency (MHz)				3485.01			3500.01	3515.01	
70	QPSK	1	1	19.11	19.09	19.11	20.0		
Channel				632000			633334	634668	
Frequency (MHz)				3480			3500.01	3520.02	
60	QPSK	1	1	19.18	19.16	19.20	20.0		
Channel				631668			633334	635000	
Frequency (MHz)				3475.02			3500.01	3525	
50	QPSK	1	1	19.17	19.17	19.14	20.0		
Channel				631334			633334	635334	
Frequency (MHz)				3470.01			3500.01	3530.01	
40	QPSK	1	1	19.14	19.17	19.11	20.0		
Channel				631000			633334	635668	
Frequency (MHz)				3465			3500.01	3535.02	
30	QPSK	1	1	19.17	19.13	19.11	20.0		
Channel				630634			633334	635834	
Frequency (MHz)				3462.51			3500.01	3537.51	
25	QPSK	1	1	19.11	19.09	19.12	20.0		
Channel				630268			633334	636068	
Frequency (MHz)				3460.02			3500.01	3540	
20	QPSK	1	1	19.13	19.14	19.18	20.0		
Channel				630500			633334	636168	
Frequency (MHz)				3457.5			3500.01	3542.52	
15	QPSK	1	1	19.09	19.12	19.14	20.0		
Channel				630134			633334	636334	
Frequency (MHz)				3455.01			3500.01	3545.01	
10	QPSK	1	1	19.20	19.10	19.16	20.0		

Part270 n78 PC2 Ant5 DSI5									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit [dBm]	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1		19.62				
100	1/2 BPS	1	137		19.63		20.0	0.0	
100	1/2 BPS	1	271		19.68				
100	1/2 BPS	135	0		19.64		20.0	0.0	
100	1/2 BPS	135	69		19.57		20.0	0.0	
100	1/2 BPS	135	138		19.66				
100	1/2 BPS	270	0		19.67		20.0	0.0	
100	QPSK	1	1		19.78				
100	QPSK	1	137		19.57		20.0	0.0	
100	QPSK	1	271		19.62				
100	QPSK	135	0		19.68		20.0	0.0	
100	QPSK	135	69		19.70		20.0	0.0	
100	QPSK	135	138		19.52				
100	QPSK	270	0		19.65		20.0	0.0	
100	16QAM	1	1		19.57		20.0	0.0	
100	64QAM	1	1		19.56		20.0	0.0	
100	256QAM	1	1		19.56		20.0	0.0	
Channel				648668	650000	650334	MPR		
Frequency (MHz)				3745.02	3750	3755.01	up		
90	QPSK	1	1	19.68	19.63	19.65	20.0	0.0	
Channel				649334	650000	650668	MPR		
Frequency (MHz)				3740.01	3750	3760.02	up		
80	QPSK	1	1	19.70	19.63	19.65	20.0	0.0	
Channel				649000	650000	651000	MPR		
Frequency (MHz)				3735	3750	3765	up		
70	QPSK	1	1	19.65	19.71	19.65	20.0	0.0	
Channel				648668	650000	651334	MPR		
Frequency (MHz)				3730.02	3750	3770.01	up		
60	QPSK	1	1	19.67	19.71	19.71	20.0	0.0	
Channel				649334	650000	651668	MPR		
Frequency (MHz)				3725.01	3750	3775.02	up		
50	QPSK	1	1	19.68	19.73	19.63	20.0	0.0	
Channel				648000	650000	652000	MPR		
Frequency (MHz)				3720	3750	3780	up		
40	QPSK	1	1	19.62	19.72	19.64	20.0	0.0	
Channel				647668	650000	652334	MPR		
Frequency (MHz)				3715.02	3750	3765.01	up		
30	QPSK	1	1	19.67	19.66	19.65	20.0	0.0	
Channel				647500	650000	652500	MPR		
Frequency (MHz)				3712.5	3750	3767.5	up		
25	QPSK	1	1	19.64	19.64	19.66	20.0	0.0	
Channel				647334	650000	652668	MPR		
Frequency (MHz)				3710.01	3750	3760.02	up		
20	QPSK	1	1	19.67	19.63	19.64	20.0	0.0	
Channel				647168	650000	652834	MPR		
Frequency (MHz)				3707.52	3750	3762.51	up		
15	QPSK	1	1	19.70	19.63	19.71	20.0	0.0	
Channel				647000	650000	653000	MPR		
Frequency (MHz)				3705	3750	3755	up		
10	QPSK	1	1	19.65	19.74	19.67	20.0	0.0	

Part27Q n78 Ant5 DSI5									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		16.10				
100	1/2 BPS	1	137		16.10		16.5	0.0	
100	1/2 BPS	1	271		16.06				
100	1/2 BPS	135	0		15.94		16.5	0.0	
100	1/2 BPS	135	69		16.07		16.5	0.0	
100	1/2 BPS	135	138		16.04				
100	1/2 BPS	270	0		16.06		16.5	0.0	
100	QPSK	1	1		15.16				
100	QPSK	1	137		15.86		16.5	0.0	
100	QPSK	1	271		16.04				
100	QPSK	135	0		16.04		16.5	0.0	
100	QPSK	135	69		16.11		16.5	0.0	
100	QPSK	135	138		15.93				
100	QPSK	270	0		16.00		16.5	0.0	
100	16QAM	1	1		16.04		16.5	0.0	
100	64QAM	1	1		15.94		16.5	0.0	
100	256QAM	1	1		15.99		16.5	0.0	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	15.95	16.06	16.00	16.5	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	15.94	16.08	16.03	16.5	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	15.99	16.06	16.06	16.5	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	15.98	16.02	16.02	16.5	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	16.02	16.05	16.03	16.5	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	15.97	16.13	16.06	16.5	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	15.91	16.14	16.04	16.5	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	15.95	16.03	16.04	16.5	0.0	
Channel				630568	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	15.99	16.11	16.01	16.5	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	15.98	16.13	16.00	16.5	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	15.92	16.12	16.10	16.5	0.0	

Part27Q n78 PC2 Ant5 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		19.44				
100	1/2 BPS	1	137		19.39		20.0	0.0	
100	1/2 BPS	1	271		19.42				
100	1/2 BPS	135	0		19.44		20.0	0.0	
100	1/2 BPS	135	69		19.44		20.0	0.0	
100	1/2 BPS	135	138		19.50				
100	1/2 BPS	270	0		19.39		20.0	0.0	
100	QPSK	1	1		19.55				
100	QPSK	1	137		19.28		20.0	0.0	
100	QPSK	1	271		19.42				
100	QPSK	135	0		19.48		20.0	0.0	
100	QPSK	135	69		19.50		20.0	0.0	
100	QPSK	135	138		19.34				
100	QPSK	270	0		19.43		20.0	0.0	
100	16QAM	1	1		19.45		20.0	0.0	
100	64QAM	1	1		19.35		20.0	0.0	
100	256QAM	1	1		19.34		20.0	0.0	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	19.43	19.43	19.45	20.0	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	19.46	19.44	19.48	20.0	0.0	
Channel				633235	633571	633907	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	19.42	19.43	19.49	20.0	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	19.49	19.47	19.39	20.0	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	19.46	19.44	19.46	20.0	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	19.42	19.43	19.41	20.0	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3536.02	up		
30	QPSK	1	1	19.49	19.51	19.41	20.0	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	19.41	19.50	19.50	20.0	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	19.42	19.42	19.45	20.0	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	19.40	19.51	19.49	20.0	0.0	
Channel				630335	633334	636335	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	19.45	19.40	19.49	20.0	0.0	

n2 Ant4 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1890	1890			
40	1/2 BPSK	1	1	17.26	17.24	17.26			
40	1/2 BPSK	1	108	17.20	17.30	17.24	18.4	0.0	
40	1/2 BPSK	1	214	17.23	17.25	17.28			
40	1/2 BPSK	108	0	17.24	17.25	17.28	18.4	0.0	
40	1/2 BPSK	108	54	17.23	17.24	17.28	18.4	0.0	
40	1/2 BPSK	108	108	17.26	17.32	17.25			
40	1/2 BPSK	216	0	17.22	17.31	17.21	18.4	0.0	
40	QPSK	1	1	17.31	17.38	17.33			
40	QPSK	1	108	17.21	17.34	17.19	18.4	0.0	
40	QPSK	1	214	17.23	17.30	17.26			
40	QPSK	108	0	17.28	17.31	17.24	18.4	0.0	
40	QPSK	108	54	17.27	17.35	17.22	18.4	0.0	
40	QPSK	108	108	17.26	17.28	17.30			
40	QPSK	216	0	17.21	17.31	17.22	18.4	0.0	
40	16QAM	1	1	17.20	17.30	17.23	18.4	0.0	
40	64QAM	1	1	17.22	17.24	17.29	18.4	0.0	
40	256QAM	1	1	16.78	16.85	16.80	17.8	0.5	
Channel				373500	374000	374500			
Frequency (MHz)				1887.5	1890	1892.5			
35	QPSK	1	1	17.28	17.35	17.28	18.4	0.0	
Channel				373000	376000	378000			
Frequency (MHz)				1895	1890	1895			
30	QPSK	1	1	17.22	17.35	17.30	18.4	0.0	
Channel				372500	373000	373500			
Frequency (MHz)				1892.5	1890	1897.5			
25	QPSK	1	1	17.23	17.27	17.24	18.4	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1900	1920	1900			
20	QPSK	1	1	17.22	17.26	17.31	18.4	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1897.5	1890	1902.5			
15	QPSK	1	1	17.26	17.30	17.23	18.4	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1895	1890	1905			
10	QPSK	1	1	17.28	17.34	17.25	18.4	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1892.5	1890	1907.5			
5	QPSK	1	1	17.22	17.28	17.22	18.4	0.0	

n7 Ant4 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	16.89	16.88	16.89			
50	1/2 BPSK	1	135	16.81	16.88	16.89	17.8	0.0	
50	1/2 BPSK	1	268	16.89	16.95	16.84			
50	1/2 BPSK	135	0	16.80	16.97	16.89	17.8	0.0	
50	1/2 BPSK	135	68	16.82	16.90	16.94	17.8	0.0	
50	1/2 BPSK	135	135	16.89	16.92	16.94			
50	1/2 BPSK	270	0	16.87	16.94	16.91	17.8	0.0	
50	QPSK	1	1	16.92	17.00	16.96			
50	QPSK	1	135	16.80	16.88	16.92	17.8	0.0	
50	QPSK	1	268	16.88	16.87	16.85			
50	QPSK	135	0	16.89	16.86	16.94	17.8	0.0	
50	QPSK	135	68	16.79	16.98	16.94	17.8	0.0	
50	QPSK	135	135	16.83	16.91	16.89			
50	QPSK	270	0	16.79	16.94	16.89	17.8	0.0	
50	16QAM	1	1	16.86	16.90	16.86	17.8	0.0	
50	64QAM	1	1	16.79	16.92	16.85	17.8	0.0	
50	256QAM	1	1	16.76	16.91	16.85	17.8	0.0	
Channel				504500	507000	510500			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	16.86	16.97	16.92	17.8	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	16.90	16.88	16.91	17.8	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	16.83	16.90	16.83	17.8	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	16.89	16.91	16.91	17.8	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	16.87	16.87	16.92	17.8	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	16.86	16.96	16.92	17.8	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	16.81	16.93	16.89	17.8	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	16.80	16.94	16.92	17.8	0.0	

n25 Ant4 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1892.5	1895			
40	1/2 BPSK	1	1	15.77	15.82	15.89			
40	1/2 BPSK	1	108	15.74	15.75	15.74	16.9	0.0	0.0
40	1/2 BPSK	1	214	15.73	15.77	15.78			
40	1/2 BPSK	108	0	15.80	15.74	15.75	16.9	0.0	0.0
40	1/2 BPSK	108	54	15.79	15.74	15.74	16.9	0.0	0.0
40	1/2 BPSK	108	108	15.75	15.84	15.69			
40	1/2 BPSK	216	0	15.71	15.74	15.75	16.9	0.0	0.0
40	QPSK	1	1	15.83	15.86	15.81			
40	QPSK	1	108	15.73	15.73	15.77	16.9	0.0	0.0
40	QPSK	1	214	15.71	15.76	15.78			
40	QPSK	108	0	15.72	15.75	15.78	16.9	0.0	0.0
40	QPSK	108	54	15.70	15.83	15.79	16.9	0.0	0.0
40	QPSK	108	108	15.81	15.78	15.70			
40	QPSK	216	0	15.71	15.81	15.87	16.9	0.0	0.0
40	16QAM	1	1	15.79	15.77	15.72	16.9	0.0	0.0
40	64QAM	1	1	15.77	15.75	15.79	16.9	0.0	0.0
40	256QAM	1	1	15.76	15.78	15.78	16.9	0.0	0.0
Channel				373500	376500	379500			
Frequency (MHz)				1867.5	1892.5	1897.5			
35	QPSK	1	1	15.70	15.79	15.70	16.9	0.0	0.0
Channel				373000	376500	380000			
Frequency (MHz)				1865	1892.5	1900			
30	QPSK	1	1	15.81	15.76	15.68	16.9	0.0	0.0
Channel				372500	376500	380500			
Frequency (MHz)				1862.5	1892.5	1902.5			
25	QPSK	1	1	15.69	15.72	15.78	16.9	0.0	0.0
Channel				372000	376500	381000			
Frequency (MHz)				1860	1892.5	1905			
20	QPSK	1	1	15.72	15.82	15.70	16.9	0.0	0.0
Channel				371500	376500	381500			
Frequency (MHz)				1857.5	1892.5	1907.5			
15	QPSK	1	1	15.77	15.73	15.71	16.9	0.0	0.0
Channel				371000	376500	382000			
Frequency (MHz)				1855	1892.5	1910			
10	QPSK	1	1	15.70	15.81	15.69	16.9	0.0	0.0
Channel				370500	376500	382500			
Frequency (MHz)				1852.5	1892.5	1912.5			
5	QPSK	1	1	15.69	15.72	15.71	16.9	0.0	0.0

n38 Ant4 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				518004	519000	519996			
Channel				2580.02	2598	2599.98			
40	1/2 BPSK	1	1	17.96	17.92	17.88			
40	1/2 BPSK	1	53	17.95	17.97	17.86	19.1	0.0	
40	1/2 BPSK	1	104	17.87	18.00	17.84			
40	1/2 BPSK	50	0	17.87	17.94	17.84	19.1	0.0	
40	1/2 BPSK	50	26	17.97	17.94	17.89	19.1	0.0	
40	1/2 BPSK	50	56	17.93	17.96	17.89			
40	1/2 BPSK	100	0	17.90	17.91	17.90	19.1	0.0	
40	QPSK	1	1	18.00	18.05	17.98			
40	QPSK	1	53	17.86	17.98	17.94	19.1	0.0	
40	QPSK	1	104	17.96	17.93	17.94			
40	QPSK	50	0	17.89	17.95	17.94	19.1	0.0	
40	QPSK	50	26	17.92	18.01	17.90	19.1	0.0	
40	QPSK	50	56	17.86	17.93	17.90			
40	QPSK	100	0	17.98	17.99	17.85	19.1	0.0	
40	16QAM	1	1	17.98	17.95	17.91	19.1	0.0	
40	64QAM	1	1	17.89	17.96	17.85	19.1	0.0	
40	256QAM	1	1	17.86	17.97	17.84	19.1	0.0	
Channel				517002	516000	520998			
Frequency (MHz)				2585.01	2599	2604.99			
30	QPSK	1	1	17.89	17.99	17.96	19.1	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2599	2607.48			
25	QPSK	1	1	17.91	17.97	17.86	19.1	0.0	
Channel				513000	519000	522000			
Frequency (MHz)				2580	2599	2610			
20	QPSK	1	1	17.98	18.00	17.91	19.1	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2599	2612.49			
15	QPSK	1	1	17.96	17.93	17.92	19.1	0.0	
Channel				513004	519000	522996			
Frequency (MHz)				2675.02	2599	2614.98			
10	QPSK	1	1	17.92	17.97	17.85	19.1	0.0	

n41 Ant4 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				509002	516998	530000			
Channel				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	17.05	17.20	17.02			
100	1/2 BPSK	1	137	17.13	17.16	17.06	18.3	0.0	
100	1/2 BPSK	1	271	17.11	17.13	17.03			
100	1/2 BPSK	135	0	17.06	17.17	17.11	18.3	0.0	
100	1/2 BPSK	135	69	17.14	17.16	17.15	18.3	0.0	
100	1/2 BPSK	135	138	17.13	17.12	17.10	18.3	0.0	
100	1/2 BPSK	270	0	17.07	17.15	17.08			
100	QPSK	1	1	17.19	17.23	17.15			
100	QPSK	1	137	17.12	17.17	17.02	18.3	0.0	
100	QPSK	1	271	17.11	17.15	17.07			
100	QPSK	135	0	17.10	17.15	17.07	18.3	0.0	
100	QPSK	135	69	17.16	17.20	17.09	18.3	0.0	
100	QPSK	135	138	17.06	17.14	17.12	18.3	0.0	
100	QPSK	270	0	17.15	17.19	17.06	18.3	0.0	
100	16QAM	1	1	17.12	17.15	17.11	18.3	0.0	
100	64QAM	1	1	17.17	17.17	17.05	18.3	0.0	
100	256QAM	1	1	17.11	17.10	17.05	18.3	0.0	
Channel				505000	518998	530998			
Frequency (MHz)				2541	2592.99	2644.99			
90	QPSK	1	1	17.12	17.19	17.02	18.3	0.0	
Channel				507204	518998	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	17.03	17.09	17.07	18.3	0.0	
Channel				505002	518998	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	17.13	17.16	17.12	18.3	0.0	
Channel				505200	518998	531998			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	17.13	17.13	17.10	18.3	0.0	
Channel				504204	518998	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	17.07	17.18	17.08	18.3	0.0	
Channel				503700	518998	533498			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	17.12	17.11	17.13	18.3	0.0	
Channel				503601	518998	533000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	17.06	17.13	17.02	18.3	0.0	
Channel				502704	518998	534498			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	17.16	17.14	17.07	18.3	0.0	
Channel				502200	518998	533998			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	17.06	17.17	17.11	18.3	0.0	
Channel				501702	518998	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	17.15	17.10	17.11	18.3	0.0	
Channel				501204	518998	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	17.09	17.20	17.06	18.3	0.0	
Channel				500700	518998	536498			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	17.09	17.12	17.01	18.3	0.0	
Channel				500202	518998	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	17.05	17.18	17.05	18.3	0.0	

Part270 n77 Ant4 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3760	3840	3930			
100	1/2 BPSK	1	1	18.00	18.11	17.96			
100	1/2 BPSK	1	137	18.01	18.02	18.04	18.7	0.0	
100	1/2 BPSK	1	271	18.07	18.04	17.98			
100	1/2 BPSK	135	0	18.01	18.02	18.05	18.7	0.0	
100	1/2 BPSK	135	69	17.99	18.12	18.06	18.7	0.0	
100	1/2 BPSK	135	138	18.02	18.11	18.00	18.7	0.0	
100	1/2 BPSK	270	0	17.97	18.05	17.99			
100	QPSK	1	1	18.10	18.15	18.08			
100	QPSK	1	137	18.02	18.12	17.97	18.7	0.0	
100	QPSK	1	271	18.04	18.12	18.01			
100	QPSK	135	0	18.06	18.10	17.96	18.7	0.0	
100	QPSK	135	69	18.00	18.12	18.05	18.7	0.0	
100	QPSK	135	138	17.97	18.04	18.04	18.7	0.0	
100	QPSK	270	0	17.98	18.06	18.05	18.7	0.0	
100	16QAM	1	1	18.01	18.06	18.04	18.7	0.0	
100	64QAM	1	1	18.05	18.05	17.96	18.7	0.0	
100	256QAM	1	1	18.05	18.08	18.01	18.7	0.0	
Channel				648668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	18.05	18.10	18.08	18.7	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	18.00	18.05	17.97	18.7	0.0	
Channel				649200	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	17.95	18.01	17.97	18.7	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	17.94	17.98	17.97	18.7	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	17.96	18.01	18.05	18.7	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	18.02	17.96	18.05	18.7	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	17.92	18.03	18.05	18.7	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	17.94	18.07	18.06	18.7	0.0	
Channel				647335	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	17.98	18.00	17.99	18.7	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	17.97	17.99	17.99	18.7	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	17.96	17.96	17.99	18.7	0.0	

Part27Q n77 Ant4 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		17.99				
100	1/2 BPSK	1	137		17.96		18.7	0.0	
100	1/2 BPSK	1	271		17.99				
100	1/2 BPSK	135	0		17.97		18.7	0.0	
100	1/2 BPSK	135	69		18.09		18.7	0.0	
100	1/2 BPSK	135	138		18.04		18.7	0.0	
100	1/2 BPSK	270	0		17.95		18.7	0.0	
100	QPSK	1	1		18.10				
100	QPSK	1	137		18.04		18.7	0.0	
100	QPSK	1	271		17.96				
100	QPSK	135	0		17.98		18.7	0.0	
100	QPSK	135	69		18.04		18.7	0.0	
100	QPSK	135	138		17.93		18.7	0.0	
100	QPSK	270	0		18.01				
100	16QAM	1	1		18.04		18.7	0.0	
100	64QAM	1	1		18.04		18.7	0.0	
100	256QAM	1	1		18.08		18.7	0.0	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	18.05	18.01	17.97	18.7	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	17.96	18.01	18.02	18.7	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	17.97	18.01	18.01	18.7	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	18.04	18.07	17.96	18.7	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	17.97	17.98	18.05	18.7	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	18.03	18.04	18.04	18.7	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	17.95	18.07	18.03	18.7	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	18.01	18.02	18.06	18.7	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	18.00	18.00	18.01	18.7	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	18.01	18.03	18.07	18.7	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	17.97	18.00	18.02	18.7	0.0	

Part27Q n77 PC2 Ant4 DS15									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		21.05				
100	1/2 BPSK	1	137		20.97		21.7	0.0	
100	1/2 BPSK	1	271		21.01				
100	1/2 BPSK	135	0		20.92		21.7	0.0	
100	1/2 BPSK	135	69		21.05		21.7	0.0	
100	1/2 BPSK	135	138		21.09		21.7	0.0	
100	1/2 BPSK	270	0		20.94		21.7	0.0	
100	QPSK	1	1		21.11				
100	QPSK	1	137		20.99		21.7	0.0	
100	QPSK	1	271		20.96				
100	QPSK	135	0		21.03		21.7	0.0	
100	QPSK	135	69		21.09		21.7	0.0	
100	QPSK	135	138		20.89		21.7	0.0	
100	QPSK	270	0		21.00				
100	16QAM	1	1		21.02		21.7	0.0	
100	64QAM	1	1		21.08		21.7	0.0	
100	256QAM	1	1		21.00		21.7	0.0	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	20.95	20.96	21.01	21.7	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	21.00	20.90	20.95	21.7	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	20.97	21.00	20.96	21.7	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	20.99	20.96	20.89	21.7	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	20.93	20.94	20.90	21.7	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	20.92	20.99	20.96	21.7	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	20.95	20.92	20.90	21.7	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	20.96	20.96	20.92	21.7	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	20.91	20.91	20.94	21.7	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	20.93	20.97	20.94	21.7	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	20.97	20.95	20.95	21.7	0.0	

Part27O n78 Ant4 DSI5									
BW	Modulat	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR	
				650000					
				Frequency (MHz)					
100	1/2 BPSK	1	1		17.69				
100	1/2 BPSK	1	137		17.72		18.6		0.0
100	1/2 BPSK	1	271		17.77				
100	1/2 BPSK	135	0		17.71		18.6		0.0
100	1/2 BPSK	135	69		17.74		18.6		0.0
100	1/2 BPSK	135	138		17.78		18.6		0.0
100	1/2 BPSK	270	0		17.74		18.6		0.0
100	QPSK	1	1		17.84				
100	QPSK	1	137		17.77		18.6		0.0
100	QPSK	1	271		17.70				
100	QPSK	135	0		17.78		18.6		0.0
100	QPSK	135	69		17.80		18.6		0.0
100	QPSK	135	138		17.77		18.6		0.0
100	QPSK	270	0		17.78				
100	16QAM	1	1		17.67		18.6		0.0
100	64QAM	1	1		17.74		18.6		0.0
100	256QAM	1	1		17.69		18.6		0.0
				649668		650000	650334	MPR	
				Frequency (MHz)		3745.02	3750	3755.01	up
90	QPSK	1	1	17.72	17.78	17.75	18.6		0.0
				649334		650000	650668	MPR	
				Frequency (MHz)		3740.01	3750	3760.02	up
80	QPSK	1	1	17.69	17.72	17.72	18.6		0.0
				649000		650000	651000	MPR	
				Frequency (MHz)		3735	3750	3765	up
70	QPSK	1	1	17.65	17.70	17.71	18.6		0.0
				648668		650000	651334	MPR	
				Frequency (MHz)		3730.02	3750	3770.01	up
60	QPSK	1	1	17.62	17.68	17.67	18.6		0.0
				648334		650000	651668	MPR	
				Frequency (MHz)		3725.01	3750	3775.02	up
50	QPSK	1	1	17.63	17.67	17.63	18.6		0.0
				648000		650000	652000	MPR	
				Frequency (MHz)		3720	3750	3760	up
40	QPSK	1	1	17.65	17.66	17.65	18.6		0.0
				647668		650000	652334	MPR	
				Frequency (MHz)		3715.02	3750	3785.01	up
30	QPSK	1	1	17.65	17.67	17.70	18.6		0.0
				647500		650000	652500	MPR	
				Frequency (MHz)		3712.5	3750	3787.5	up
25	QPSK	1	1	17.63	17.73	17.66	18.6		0.0
				647334		650000	652668	MPR	
				Frequency (MHz)		3710.01	3750	3790.02	up
20	QPSK	1	1	17.60	17.74	17.70	18.6		0.0
				647168		650000	652834	MPR	
				Frequency (MHz)		3707.52	3750	3792.51	up
15	QPSK	1	1	17.70	17.64	17.63	18.6		0.0
				647000		650000	653000	MPR	
				Frequency (MHz)		3705	3750	3795	up
10	QPSK	1	1	17.67	17.69	17.65	18.6		0.0

Part27Q n78 Ant4 DSI5								
BW (MHz)	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)					17.94			
100	1/2 BPSK	1	1		17.94			
100	1/2 BPSK	1	137		17.96		18.6	0.0
100	1/2 BPSK	1	271		17.91			
100	1/2 BPSK	135	0		17.86		18.6	0.0
100	1/2 BPSK	135	69		17.94		18.6	0.0
100	1/2 BPSK	135	138		17.93		18.6	0.0
100	1/2 BPSK	270	0		17.90		18.6	0.0
100	QPSK	1	1		18.09			
100	QPSK	1	137		17.94		18.6	0.0
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.92		18.6	0.0
100	QPSK	135	69		18.00		18.6	0.0
100	QPSK	135	138		17.91		18.6	0.0
100	QPSK	270	0		18.03		18.6	0.0
100	16QAM	1	1		17.83		18.6	0.0
100	64QAM	1	1		17.97		18.6	0.0
100	256QAM	1	1		17.88		18.6	0.0
Channel				633000	633334	633668	tune up	MPR (dB)
Frequency (MHz)				3498	3500.01	3505.02		
90	QPSK	1	1	17.88	17.86	17.92	18.6	0.0
Channel				632668	633334	634000	tune up	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.88	17.87	17.89	18.6	0.0
Channel				632334	633334	634334	tune up	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.81	17.86	17.91	18.6	0.0
Channel				632000	633334	634668	tune up	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.82	17.87	17.84	18.6	0.0
Channel				631668	633334	635000	tune up	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.88	17.91	17.83	18.6	0.0
Channel				631334	633334	635334	tune up	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.82	17.86	17.86	18.6	0.0
Channel				631000	633334	635668	tune up	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.84	17.86	17.89	18.6	0.0
Channel				630834	633334	635834	tune up	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.82	17.91	17.83	18.6	0.0
Channel				630668	633334	636000	tune up	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.79	17.93	17.86	18.6	0.0
Channel				630500	633334	636168	tune up	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.87	17.93	17.81	18.6	0.0
Channel				630334	633334	636334	tune up	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.83	17.94	17.83	18.6	0.0

Part27Q n78 PC2 Ant4 DSI5								
BW (MHz)	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)					20.90			
100	1/2 BPSK	1	1		20.90			
100	1/2 BPSK	1	137		20.97		21.6	0.0
100	1/2 BPSK	1	271		20.96			
100	1/2 BPSK	135	0		20.91		21.6	0.0
100	1/2 BPSK	135	69		20.96		21.6	0.0
100	1/2 BPSK	135	138		20.99		21.6	0.0
100	1/2 BPSK	270	0		20.96		21.6	0.0
100	QPSK	1	1		21.11			
100	QPSK	1	137		20.89		21.6	0.0
100	QPSK	1	271		20.96			
100	QPSK	135	0		20.89		21.6	0.0
100	QPSK	135	69		20.99		21.6	0.0
100	QPSK	135	138		20.93		21.6	0.0
100	QPSK	270	0		20.98		21.6	0.0
100	16QAM	1	1		20.78		21.6	0.0
100	64QAM	1	1		20.94		21.6	0.0
100	256QAM	1	1		20.92		21.6	0.0
Channel				633000	633334	633668	tune up	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.06	21.02	21.01	21.6	0.0
Channel				632668	633334	634000	tune up	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.95	21.04	20.99	21.6	0.0
Channel				632334	633334	634334	tune up	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.98	20.97	21.03	21.6	0.0
Channel				632000	633334	634668	tune up	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.06	21.03	20.97	21.6	0.0
Channel				631668	633334	635000	tune up	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.97	21.04	21.05	21.6	0.0
Channel				631334	633334	635334	tune up	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.07	20.98	20.98	21.6	0.0
Channel				631000	633334	635668	tune up	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.96	21.04	20.95	21.6	0.0
Channel				630834	633334	635834	tune up	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.06	20.96	21.00	21.6	0.0
Channel				630668	633334	636000	tune up	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.06	21.06	21.06	21.6	0.0
Channel				630500	633334	636168	tune up	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.98	21.01	21.01	21.6	0.0
Channel				630334	633334	636334	tune up	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.07	21.05	20.98	21.6	0.0

n2 Ant6 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	1/2 BPSK	1	1	20.49	20.43	20.47			
40	1/2 BPSK	1	108	20.43	20.53	20.48	21.8	0.0	
40	1/2 BPSK	1	214	20.44	20.49	20.39			
40	1/2 BPSK	108	0	20.48	20.45	20.40	21.8	0.0	
40	1/2 BPSK	108	54	20.44	20.49	20.45	21.8	0.0	
40	1/2 BPSK	108	108	20.45	20.47	20.41			
40	1/2 BPSK	216	0	20.47	20.43	20.46	21.8	0.0	
40	QPSK	1	1	20.44	20.55	20.42			
40	QPSK	1	108	20.46	20.53	20.37	21.8	0.0	
40	QPSK	1	214	20.46	20.48	20.42			
40	QPSK	108	0	20.48	20.47	20.48	21.8	0.0	
40	QPSK	108	54	20.42	20.49	20.40	21.8	0.0	
40	QPSK	108	108	20.48	20.46	20.38			
40	QPSK	216	0	20.45	20.53	20.38	21.8	0.0	
40	16QAM	1	1	20.42	20.50	20.38	21.8	0.0	
40	64QAM	1	1	19.40	19.53	19.36	20.8	1.0	
40	256QAM	1	1	17.45	17.59	17.42	18.8	3.0	
Channel				373500	376000	378500			
Frequency (MHz)				1887.5	1880	1892.5			
35	QPSK	1	1	20.30	20.49	20.27	21.8	0.0	
Channel				373000	376000	379000			
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	20.38	20.49	20.32	21.8	0.0	
Channel				372500	376000	379500			
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	20.30	20.44	20.31	21.8	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1870	1900			
20	QPSK	1	1	20.29	20.42	20.28	21.8	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	20.33	20.50	20.35	21.8	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1860	1905			
10	QPSK	1	1	20.31	20.41	20.30	21.8	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	20.35	20.50	20.32	21.8	0.0	

n7 Ant6 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	19.61	19.71	19.49			
50	1/2 BPSK	1	138	19.70	19.74	19.55	20.6	0.0	
50	1/2 BPSK	1	268	19.70	19.66	19.57			
50	1/2 BPSK	135	0	19.60	19.73	19.57	20.6	0.0	
50	1/2 BPSK	135	68	19.61	19.72	19.49	20.6	0.0	
50	1/2 BPSK	135	138	19.63	19.71	19.48			
50	1/2 BPSK	270	0	19.70	19.71	19.50			
50	QPSK	1	1	19.60	19.82	19.59			
50	QPSK	1	138	19.67	19.69	19.58	20.6	0.0	
50	QPSK	1	268	19.67	19.65	19.52			
50	QPSK	135	0	19.62	19.68	19.49	20.6	0.0	
50	QPSK	135	68	19.67	19.73	19.54	20.6	0.0	
50	QPSK	135	138	19.66	19.65	19.52			
50	QPSK	270	0	19.65	19.71	19.51			
50	16QAM	1	1	19.65	19.73	19.49	20.6	0.0	
50	64QAM	1	1	19.69	19.63	19.55	20.6	0.0	
50	256QAM	1	1	19.62	19.72	19.45	20.6	0.0	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	19.46	19.77	19.51	20.6	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	19.52	19.66	19.44	20.6	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	19.51	19.74	19.52	20.6	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	19.48	19.67	19.40	20.6	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	19.48	19.68	19.54	20.6	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	19.51	19.73	19.43	20.6	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	19.48	19.73	19.46	20.6	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	19.44	19.67	19.45	20.6	0.0	

n25 Ant6 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	20.53	20.45	20.47			
40	1/2 BPSK	1	108	20.50	20.60	20.50	21.8	0.0	0.0
40	1/2 BPSK	1	214	20.53	20.50	20.49			
40	1/2 BPSK	108	0	20.58	20.54	20.45	21.8	0.0	0.0
40	1/2 BPSK	108	54	20.55	20.48	20.44	21.8	0.0	0.0
40	1/2 BPSK	108	108	20.45	20.55	20.50			
40	1/2 BPSK	216	0	20.53	20.49	20.55	21.8	0.0	0.0
40	QPSK	1	1	20.45	20.63	20.46			
40	QPSK	1	108	20.54	20.62	20.45	21.8	0.0	0.0
40	QPSK	1	214	20.47	20.55	20.46			
40	QPSK	108	0	20.59	20.53	20.57	21.8	0.0	0.0
40	QPSK	108	54	20.43	20.60	20.44	21.8	0.0	0.0
40	QPSK	108	108	20.55	20.50	20.41			
40	QPSK	216	0	20.50	20.62	20.42	21.8	0.0	0.0
40	16QAM	1	1	20.43	20.49	20.40	21.8	0.0	0.0
40	64QAM	1	1	19.40	19.52	19.38	20.8	1.0	1.0
40	256QAM	1	1	17.53	17.66	17.44	18.8	3.0	3.0
Channel				373500	376500	379500			
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	20.32	20.53	20.36	21.8	0.0	0.0
Channel				373000	376500	380000			
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	20.30	20.56	20.39	21.8	0.0	0.0
Channel				372500	376500	380500			
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	20.36	20.47	20.33	21.8	0.0	0.0
Channel				372000	376500	381000			
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	20.30	20.50	20.41	21.8	0.0	0.0
Channel				371500	376500	381500			
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	20.39	20.47	20.41			
Channel				371000	376500	382000			
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	20.38	20.52	20.36	21.8	0.0	0.0
Channel				370500	376500	382500			
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	20.36	20.57	20.31	21.8	0.0	0.0

n38 Ant6 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	516000	516996			
Frequency (MHz)				2590.02	2595	2595.98			
40	1/2 BPSK	1	1	19.87	19.89	19.87			
40	1/2 BPSK	1	53	19.93	19.91	19.86	20.9	0.0	
40	1/2 BPSK	1	104	19.87	19.96	19.93			
40	1/2 BPSK	50	0	19.87	19.97	19.92	20.9	0.0	
40	1/2 BPSK	50	28	19.94	19.97	19.86	20.9	0.0	
40	1/2 BPSK	50	56	19.91	19.92	19.86			
40	1/2 BPSK	100	0	19.86	19.96	19.91	20.9	0.0	
40	QPSK	1	1	19.94	19.91	19.86			
40	QPSK	1	53	19.93	19.94	19.92	20.9	0.0	
40	QPSK	1	104	19.87	19.89	19.87			
40	QPSK	50	0	19.89	19.90	19.88	20.9	0.0	
40	QPSK	50	28	19.99	19.99	19.87	20.9	0.0	
40	QPSK	50	56	19.92	19.98	19.87			
40	QPSK	100	0	19.95	19.96	19.90	20.9	0.0	
40	16QAM	1	1	19.90	19.99	19.89	20.9	0.0	
40	64QAM	1	1	19.93	19.88	19.86	20.9	0.0	
40	256QAM	1	1	19.90	19.92	19.86	20.9	0.0	
Channel				517002	516000	520996			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	19.86	19.87	19.81	20.9	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	19.84	19.79	19.61	20.9	0.0	
Channel				516000	517000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	19.89	19.82	19.72	20.9	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	19.79	19.90	19.79	20.9	0.0	
Channel				516004	516000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	19.83	19.90	19.70	20.9	0.0	

n41 Ant6 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518596	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	19.17	19.26	19.26			
100	1/2 BPSK	1	137	19.11	19.29	19.16	20.6	0.0	
100	1/2 BPSK	1	271	19.11	19.24	19.18			
100	1/2 BPSK	135	0	19.12	19.30	19.21	20.6	0.0	
100	1/2 BPSK	135	69	19.16	19.29	19.22	20.6	0.0	
100	1/2 BPSK	135	138	19.14	19.28	19.16			
100	1/2 BPSK	270	0	19.18	19.26	19.25	20.6	0.0	
100	QPSK	1	1	19.12	19.33	19.23			
100	QPSK	1	137	19.17	19.31	19.21	20.6	0.0	
100	QPSK	1	271	19.10	19.30	19.22			
100	QPSK	135	0	19.15	19.22	19.22	20.6	0.0	
100	QPSK	135	69	19.12	19.30	19.20	20.6	0.0	
100	QPSK	135	138	19.11	19.30	19.24			
100	QPSK	270	0	19.11	19.31	19.23	20.6	0.0	
100	16QAM	1	1	19.12	19.31	19.22	20.6	0.0	
100	64QAM	1	1	19.11	19.29	19.21	20.6	0.0	
100	256QAM	1	1	19.16	19.30	19.20	20.6	0.0	
Channel				520000	518596	529996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	18.98	19.22	19.17	20.6	0.0	
Channel				507204	518596	529996			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	19.02	19.28	19.16	20.6	0.0	
Channel				520000	511596	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.00	19.25	19.13	20.6	0.0	
Channel				505200	518596	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.05	19.24	19.17	20.6	0.0	
Channel				520000	511596	532000			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	18.98	19.26	19.14	20.6	0.0	
Channel				503700	518596	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	19.04	19.20	19.16	20.6	0.0	
Channel				520000	511596	533000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.04	19.23	19.12	20.6	0.0	
Channel				502704	518596	534496			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	19.07	19.21	19.10	20.6	0.0	
Channel				520000	511596	533996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.08	19.25	19.08	20.6	0.0	
Channel				501702	518596	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	19.01	19.22	19.13	20.6	0.0	
Channel				501204	518596	535996			
Frequency (MHz)				2506.52	2592.99	2679.99			
20	QPSK	1	1	19.00	19.28	19.17	20.6	0.0	
Channel				500700	518596	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	19.01	19.25	19.07	20.6	0.0	
Channel				500202	518596	537000			
Frequency (MHz)				2501.51	2592.99	2685			
10	QPSK	1	1	18.97	19.23	19.09	20.6	0.0	

Part270 n77 Ant6 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	17.25	17.31	17.15			
100	1/2 BPSK	1	137	17.21	17.27	17.20	18.7	0.0	0.0
100	1/2 BPSK	1	271	17.14	17.32	17.15			
100	1/2 BPSK	135	0	17.13	17.34	17.16	18.7	0.0	0.0
100	1/2 BPSK	135	69	17.23	17.42	17.23	18.7	0.0	0.0
100	1/2 BPSK	135	138	17.07	17.44	17.29			
100	1/2 BPSK	270	0	17.20	17.42	17.27	18.7	0.0	0.0
100	QPSK	1	1	17.14	17.47	17.23			
100	QPSK	1	137	17.11	17.32	17.26	18.7	0.0	0.0
100	QPSK	1	271	17.22	17.29	17.22			
100	QPSK	135	0	17.18	17.31	17.21	18.7	0.0	0.0
100	QPSK	135	69	17.07	17.41	17.20	18.7	0.0	0.0
100	QPSK	135	138	17.11	17.40	17.22			
100	QPSK	270	0	17.20	17.27	17.23	18.7	0.0	0.0
100	16QAM	1	1	17.26	17.34	17.16	18.7	0.0	0.0
100	64QAM	1	1	17.11	17.42	17.28	18.7	0.0	0.0
100	256QAM	1	1	17.23	17.29	17.20	18.7	0.0	0.0
Channel				648668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	17.10	17.29	17.14	18.7	0.0	0.0
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	17.09	17.30	17.08	18.7	0.0	0.0
Channel				649000	656000	662000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	17.05	17.30	17.10	18.7	0.0	0.0
Channel				648668	656000	662334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	17.01	17.33	17.10	18.7	0.0	0.0
Channel				648334	656000	662000			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	17.00	17.36	17.11	18.7	0.0	0.0
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	17.00	17.38	17.11	18.7	0.0	0.0
Channel				647658	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	17.09	17.34	17.12	18.7	0.0	0.0
Channel				647340	656000	664500			
Frequency (MHz)				3712.5	3840	397.5			
25	QPSK	1	1	17.00	17.36	17.10	18.7	0.0	0.0
Channel				647034	656000	664500			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	16.99	17.30	17.15	18.7	0.0	0.0
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	17.00	17.36	17.10	18.7	0.0	0.0
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	17.03	17.27	17.11	18.7	0.0	0.0

Part27Q n77 Ant6 DSI5									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)									
100	1/2 BPSK	1	1		17.18				
100	1/2 BPSK	1	137		17.15		18.7	0.0	
100	1/2 BPSK	1	271		17.21				
100	1/2 BPSK	135	0		17.25		18.7	0.0	
100	1/2 BPSK	135	69		17.35		18.7	0.0	
100	1/2 BPSK	135	138		17.35		18.7	0.0	
100	1/2 BPSK	270	0		17.38				
100	QPSK	1	1		17.39				
100	QPSK	1	137		17.22		18.7	0.0	
100	QPSK	1	271		17.21				
100	QPSK	135	0		17.25		18.7	0.0	
100	QPSK	135	69		17.35		18.7	0.0	
100	QPSK	135	138		17.34		18.7	0.0	
100	QPSK	270	0		17.13				
100	16QAM	1	1		17.20		18.7	0.0	
100	64QAM	1	1		17.27		18.7	0.0	
100	256QAM	1	1		17.21		18.7	0.0	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	17.32	17.27	17.29	18.7	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	17.25	17.31	17.27	18.7	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	17.27	17.26	17.31	18.7	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	17.29	17.32	17.32	18.7	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	17.29	17.31	17.27	18.7	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	17.32	17.25	17.25	18.7	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	17.26	17.24	17.33	18.7	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	17.26	17.31	17.24	18.7	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	17.34	17.31	17.32	18.7	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	17.32	17.31	17.33	18.7	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	17.30	17.32	17.30	18.7	0.0	

Part27Q n77 PC2 Ant6 DS15									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		20.19				
100	1/2 BPSK	1	137		20.28		21.7	0.0	
100	1/2 BPSK	1	271		20.19				
100	1/2 BPSK	135	0		20.13		21.7	0.0	
100	1/2 BPSK	135	69		20.39		21.7	0.0	
100	1/2 BPSK	135	138		20.38		21.7	0.0	
100	1/2 BPSK	270	0		20.34				
100	QPSK	1	1		20.41				
100	QPSK	1	137		20.29		21.7	0.0	
100	QPSK	1	271		20.16				
100	QPSK	135	0		20.28		21.7	0.0	
100	QPSK	135	69		20.30		21.7	0.0	
100	QPSK	135	138		20.29		21.7	0.0	
100	QPSK	270	0		20.11				
100	16QAM	1	1		20.28		21.7	0.0	
100	64QAM	1	1		20.35		21.7	0.0	
100	256QAM	1	1		19.83		21.2	0.5	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	20.35	20.30	20.27	21.7	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	20.33	20.34	20.31	21.7	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	20.34	20.27	20.33	21.7	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	20.26	20.24	20.28	21.7	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	20.30	20.32	20.34	21.7	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	20.28	20.27	20.35	21.7	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	20.30	20.33	20.34	21.7	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	20.32	20.34	20.26	21.7	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	20.33	20.25	20.24	21.7	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	20.23	20.31	20.28	21.7	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	20.29	20.24	20.29	21.7	0.0	

Part27O n78 Ant6 DSI5									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				3750					
Frequency (MHz)				650000					
100	1/2 BPSK	1	1		16.89				
100	1/2 BPSK	1	137		16.86		18.2	0.0	
100	1/2 BPSK	1	271		16.83				
100	1/2 BPSK	135	0		16.94		18.2	0.0	
100	1/2 BPSK	135	69		16.93		18.2	0.0	
100	1/2 BPSK	135	138		16.90		18.2	0.0	
100	1/2 BPSK	270	0		16.93				
100	QPSK	1	1		16.96				
100	QPSK	1	137		16.84		18.2	0.0	
100	QPSK	1	271		16.92				
100	QPSK	135	0		16.91		18.2	0.0	
100	QPSK	135	69		16.93		18.2	0.0	
100	QPSK	135	138		16.92		18.2	0.0	
100	QPSK	270	0		16.83				
100	16QAM	1	1		16.84		18.2	0.0	
100	64QAM	1	1		16.90		18.2	0.0	
100	256QAM	1	1		16.91		18.2	0.0	
Channel				649668	650000	650334	MPR		
Frequency (MHz)				3745.02	3750	3755.01	up		
90	QPSK	1	1	16.69	16.72	16.68	18.2	0.0	
Channel				649334	650000	650668	MPR		
Frequency (MHz)				3740.01	3750	3760.02	up		
80	QPSK	1	1	16.76	16.80	16.76	18.2	0.0	
Channel				649000	650000	651000	MPR		
Frequency (MHz)				3735	3750	3765	up		
70	QPSK	1	1	16.75	16.73	16.80	18.2	0.0	
Channel				648668	650000	651334	MPR		
Frequency (MHz)				3730.02	3750	3770.01	up		
60	QPSK	1	1	16.75	16.73	16.71	18.2	0.0	
Channel				648334	650000	651668	MPR		
Frequency (MHz)				3725.01	3750	3775.02	up		
50	QPSK	1	1	16.73	16.71	16.71	18.2	0.0	
Channel				648000	650000	652000	MPR		
Frequency (MHz)				3720	3750	3780	up		
40	QPSK	1	1	16.71	16.70	16.71	18.2	0.0	
Channel				647668	650000	652334	MPR		
Frequency (MHz)				3715.02	3750	3785.01	up		
30	QPSK	1	1	16.72	16.75	16.78	18.2	0.0	
Channel				647330	650000	652500	MPR		
Frequency (MHz)				3712.3	3750	3787.3	up		
25	QPSK	1	1	16.70	16.73	16.73	18.2	0.0	
Channel				647334	650000	652668	MPR		
Frequency (MHz)				3710.01	3750	3790.02	up		
20	QPSK	1	1	16.80	16.70	16.80	18.2	0.0	
Channel				647168	650000	652834	MPR		
Frequency (MHz)				3707.02	3750	3792.31	up		
15	QPSK	1	1	16.70	16.69	16.68	18.2	0.0	
Channel				647000	650000	653000	MPR		
Frequency (MHz)				3705	3750	3795	up		
10	QPSK	1	1	16.71	16.73	16.69	18.2	0.0	

Part27Q n78 Ant6 DSI5									
BW (MHz)	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)						16.75			
100	1/2 BPSK	1	1						
100	1/2 BPSK	1	137		16.81		18.2	0.0	
100	1/2 BPSK	1	271		16.70				
100	1/2 BPSK	135	0		16.86		18.2	0.0	
100	1/2 BPSK	135	69		16.95		18.2	0.0	
100	1/2 BPSK	135	138		16.82				
100	1/2 BPSK	270	0		16.78		18.2	0.0	
100	QPSK	1	1		16.89				
100	QPSK	1	137		16.76		18.2	0.0	
100	QPSK	1	271		16.85				
100	QPSK	135	0		16.81		18.2	0.0	
100	QPSK	135	69		16.85		18.2	0.0	
100	QPSK	135	138		16.80				
100	QPSK	270	0		16.78		18.2	0.0	
100	16QAM	1	1		16.73		18.2	0.0	
100	64QAM	1	1		16.83		18.2	0.0	
100	256QAM	1	1		16.85		18.2	0.0	
Channel				633000	633334	633668	18.2	MPR up	
Frequency (MHz)				3498	3500.01	3505.02			
90	QPSK	1	1	16.66	16.64	16.66	18.2	0.0	
Channel				632668	633334	634000	18.2	MPR up	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	16.75	16.75	16.75	18.2	0.0	
Channel				632334	633334	634334	18.2	MPR up	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	16.70	16.70	16.72	18.2	0.0	
Channel				632000	633334	634668	18.2	MPR up	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	16.71	16.73	16.75	18.2	0.0	
Channel				631668	633334	635000	18.2	MPR up	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	16.69	16.71	16.74	18.2	0.0	
Channel				631334	633334	635334	18.2	MPR up	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	16.68	16.67	16.75	18.2	0.0	
Channel				631000	633334	635668	18.2	MPR up	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	16.65	16.74	16.76	18.2	0.0	
Channel				630634	633334	635834	18.2	MPR up	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	16.70	16.69	16.67	18.2	0.0	
Channel				630668	633334	635900	18.2	MPR up	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	16.75	16.76	16.73	18.2	0.0	
Channel				630500	633334	636168	18.2	MPR up	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	16.64	16.66	16.65	18.2	0.0	
Channel				630334	633334	636334	18.2	MPR up	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	16.74	16.69	16.75	18.2	0.0	

Part27Q n78 PC2 Ant6 DSI5									
BW (MHz)	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)						19.83			
100	1/2 BPSK	1	1						
100	1/2 BPSK	1	137		19.75		21.2	0.0	
100	1/2 BPSK	1	271		19.78				
100	1/2 BPSK	135	0		19.82		21.2	0.0	
100	1/2 BPSK	135	69		19.86		21.2	0.0	
100	1/2 BPSK	135	138		19.77				
100	1/2 BPSK	270	0		19.82		21.2	0.0	
100	QPSK	1	1		19.95				
100	QPSK	1	137		19.84		21.2	0.0	
100	QPSK	1	271		19.83				
100	QPSK	135	0		19.76		21.2	0.0	
100	QPSK	135	69		19.92		21.2	0.0	
100	QPSK	135	138		19.88				
100	QPSK	270	0		19.86		21.2	0.0	
100	16QAM	1	1		19.84		21.2	0.0	
100	64QAM	1	1		19.76		21.2	0.0	
100	256QAM	1	1		19.81		21.2	0.0	
Channel				633000	633334	633668	18.2	MPR up	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	19.91	19.82	19.80	21.2	0.0	
Channel				632668	633334	634000	18.2	MPR up	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	19.84	19.87	19.87	21.2	0.0	
Channel				632334	633334	634334	18.2	MPR up	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	19.84	19.85	19.87	21.2	0.0	
Channel				632000	633334	634668	18.2	MPR up	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	19.84	19.81	19.89	21.2	0.0	
Channel				631668	633334	635000	18.2	MPR up	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	19.83	19.89	19.87	21.2	0.0	
Channel				631334	633334	635334	18.2	MPR up	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	19.80	19.88	19.88	21.2	0.0	
Channel				631000	633334	635668	18.2	MPR up	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	19.90	19.82	19.82	21.2	0.0	
Channel				630634	633334	635834	18.2	MPR up	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	19.82	19.80	19.82	21.2	0.0	
Channel				630668	633334	635900	18.2	MPR up	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	19.89	19.88	19.81	21.2	0.0	
Channel				630500	633334	636168	18.2	MPR up	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	19.80	19.88	19.90	21.2	0.0	
Channel				630334	633334	636334	18.2	MPR up	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	19.89	19.89	19.83	21.2	0.0	

n2 Ant7 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	1/2 BPSK	1	1	19.03	19.10	19.08			
40	1/2 BPSK	1	108	19.04	19.10	19.05	20.3	0.0	
40	1/2 BPSK	1	214	18.96	19.07	19.01			
40	1/2 BPSK	108	0	18.98	19.04	19.03	20.3	0.0	
40	1/2 BPSK	108	54	18.97	19.10	19.06	20.3	0.0	
40	1/2 BPSK	108	108	18.94	19.01	19.05	20.3	0.0	
40	1/2 BPSK	216	0	19.01	19.11	19.09			
40	QPSK	1	1	18.99	19.15	18.99			
40	QPSK	1	108	18.98	19.05	19.10	20.3	0.0	
40	QPSK	1	214	19.02	19.04	19.06			
40	QPSK	108	0	19.01	19.10	19.03	20.3	0.0	
40	QPSK	108	54	18.96	19.11	19.06	20.3	0.0	
40	QPSK	108	108	18.95	19.08	19.04			
40	QPSK	216	0	19.04	19.09	19.07	20.3	0.0	
40	16QAM	1	1	18.94	19.02	19.05	20.3	0.0	
40	64QAM	1	1	17.55	17.59	17.46	18.6	1.5	
40	256QAM	1	1	15.44	15.68	15.53	16.8	3.5	
Channel				373500	376000	376500			
Frequency (MHz)				1887.5	1880	1892.5			
35	QPSK	1	1	18.87	19.11	18.94	20.3	0.0	
Channel				373000	376000	378000			
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	18.94	19.00	18.91	20.3	0.0	
Channel				372500	376000	376500			
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	18.94	19.07	18.85	20.3	0.0	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1870	1900			
20	QPSK	1	1	18.91	19.01	18.93	20.3	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	18.83	19.03	18.86	20.3	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1860	1905			
10	QPSK	1	1	18.91	19.09	18.93	20.3	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	18.89	19.09	18.86	20.3	0.0	

n7 Ant7 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	17.64	17.59	17.60			
50	1/2 BPSK	1	135	17.68	17.58	17.53	19.0	0.0	
50	1/2 BPSK	1	268	17.64	17.60	17.60			
50	1/2 BPSK	135	0	17.52	17.65	17.54	19.0	0.0	
50	1/2 BPSK	135	68	17.59	17.65	17.62	19.0	0.0	
50	1/2 BPSK	135	135	17.55	17.60	17.62	19.0	0.0	
50	1/2 BPSK	270	0	17.56	17.74	17.53			
50	QPSK	1	1	17.59	17.61	17.54			
50	QPSK	1	135	17.57	17.60	17.51	19.0	0.0	
50	QPSK	1	268	17.61	17.67	17.51			
50	QPSK	135	0	17.51	17.66	17.64	19.0	0.0	
50	QPSK	135	68	17.59	17.75	17.57	19.0	0.0	
50	QPSK	135	135	17.58	17.72	17.52			
50	QPSK	270	0	17.53	17.63	17.48	19.0	0.0	
50	16QAM	1	1	17.60	17.65	17.64	19.0	0.0	
50	64QAM	1	1	17.56	17.58	17.65	19.0	0.0	
50	256QAM	1	1	17.14	17.27	17.02	18.5	0.5	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	17.38	17.46	17.39	19.0	0.0	
Channel				503500	507000	510500			
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	17.34	17.43	17.38	19.0	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	17.44	17.42	17.34	19.0	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	17.33	17.45	17.41	19.0	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	17.34	17.41	17.42	19.0	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	17.42	17.49	17.40	19.0	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	17.44	17.42	17.36	19.0	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	17.37	17.45	17.36	19.0	0.0	

n25 Ant7 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	1/2 BPSK	1	1	19.86	19.91	19.85			
40	1/2 BPSK	1	108	19.79	19.90	19.78	21.3	0.0	
40	1/2 BPSK	1	214	19.77	19.89	19.85			
40	1/2 BPSK	108	0	19.33	19.46	19.46	20.6	0.5	
40	1/2 BPSK	108	54	19.78	19.85	19.86	21.3	0.0	
40	1/2 BPSK	108	108	19.44	19.43	19.42	20.8	0.5	
40	1/2 BPSK	216	0	19.36	19.46	19.43			
40	QPSK	1	1	19.89	19.94	19.91			
40	QPSK	1	108	19.81	19.80	19.82	21.3	0.0	
40	QPSK	1	214	19.82	19.82	19.88			
40	QPSK	108	0	18.90	18.92	18.92	20.3	1.0	
40	QPSK	108	54	19.77	19.91	19.88	21.3	0.0	
40	QPSK	108	108	18.87	18.89	18.88			
40	QPSK	216	0	18.90	18.99	18.89	20.3	1.0	
40	16QAM	1	1	18.88	18.93	18.93	20.3	1.0	
40	64QAM	1	1	17.43	17.48	17.46	18.8	2.5	
40	256QAM	1	1	15.43	15.39	15.41	16.8	4.5	
Channel				373500	376500	379500			
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	19.78	19.81	19.77	21.3	0.0	
Channel				373000	376500	380000			
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	19.77	19.90	19.88	21.3	0.0	
Channel				372500	376500	380500			
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	19.78	19.91	19.77	21.3	0.0	
Channel				372000	376500	381000			
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	19.86	19.84	19.80	21.3	0.0	
Channel				371500	376500	381500			
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	19.80	19.83	19.83	21.3	0.0	
Channel				371000	376500	382000			
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	19.83	19.82	19.85	21.3	0.0	
Channel				370500	376500	382500			
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	19.86	19.86	19.88	21.3	0.0	

n38 Ant7 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	17.24	17.36	17.41	18.7	0.0	
40	1/2 BPSK	1	53	17.27	17.44	17.41			
40	1/2 BPSK	1	104	17.24	17.38	17.38			
40	1/2 BPSK	50	0	17.25	17.39	17.32	18.7	0.0	
40	1/2 BPSK	50	28	17.32	17.39	17.31	18.7	0.0	
40	1/2 BPSK	50	56	17.25	17.41	17.31	18.7	0.0	
40	1/2 BPSK	100	0	17.32	17.38	17.34			
40	QPSK	1	1	17.23	17.45	17.31	18.7	0.0	
40	QPSK	1	53	17.26	17.43	17.31			
40	QPSK	1	104	17.25	17.38	17.32			
40	QPSK	50	0	17.33	17.41	17.38	18.7	0.0	
40	QPSK	50	28	17.26	17.42	17.40	18.7	0.0	
40	QPSK	50	56	17.30	17.38	17.37			
40	QPSK	100	0	17.28	17.41	17.39	18.7	0.0	
40	16QAM	1	1	17.34	17.42	17.41	18.7	0.0	
40	64QAM	1	1	17.23	17.41	17.33	18.7	0.0	
40	256QAM	1	1	17.34	17.40	17.37	18.7	0.0	
Channel				517002	519000	520998	tune-up limit	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	17.08	17.22	17.24	18.7	0.0	
Channel				516504	519000	521496	tune-up limit	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	17.13	17.19	17.23	18.7	0.0	
Channel				516000	519000	522000	tune-up limit	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	17.17	17.30	17.25	18.7	0.0	
Channel				516502	519000	522498	tune-up limit	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	17.12	17.21	17.21	18.7	0.0	
Channel				515004	519000	522996	tune-up limit	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	17.14	17.26	17.20	18.7	0.0	

n41 Ant7 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	18.45	18.51	18.43	20.0	0.0	
100	1/2 BPSK	1	137	18.51	18.59	18.37			
100	1/2 BPSK	1	271	18.49	18.60	18.37			
100	1/2 BPSK	135	0	18.49	18.58	18.46	20.0	0.0	
100	1/2 BPSK	135	69	18.50	18.51	18.46	20.0	0.0	
100	1/2 BPSK	135	138	18.47	18.58	18.47	20.0	0.0	
100	1/2 BPSK	270	0	18.52	18.53	18.41			
100	QPSK	1	1	18.53	18.68	18.46	20.0	0.0	
100	QPSK	1	137	18.50	18.55	18.38			
100	QPSK	1	271	18.47	18.56	18.46			
100	QPSK	135	0	18.48	18.53	18.41	20.0	0.0	
100	QPSK	135	69	18.50	18.55	18.37	20.0	0.0	
100	QPSK	135	138	18.50	18.59	18.40			
100	QPSK	270	0	18.52	18.53	18.42	20.0	0.0	
100	16QAM	1	1	18.51	18.55	18.38	20.0	0.0	
100	64QAM	1	1	18.46	18.56	18.39	20.0	0.0	
100	256QAM	1	1	18.51	18.60	18.46	19.0	1.0	
Channel				508200	518598	528996	tune-up limit	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	18.44	18.62	18.41	20.0	0.0	
Channel				507204	518598	529998	tune-up limit	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	18.39	18.53	18.36	20.0	0.0	
Channel				506202	518598	531000	tune-up limit	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	18.42	18.51	18.35	20.0	0.0	
Channel				505200	518598	531996	tune-up limit	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	18.46	18.56	18.38	20.0	0.0	
Channel				504204	518598	532998	tune-up limit	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	18.45	18.60	18.30	20.0	0.0	
Channel				503700	518598	533496	tune-up limit	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	18.43	18.59	18.38	20.0	0.0	
Channel				503202	518598	534000	tune-up limit	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	18.48	18.59	18.32	20.0	0.0	
Channel				502704	518598	534498	tune-up limit	MPR (dB)	
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	18.39	18.64	18.39	20.0	0.0	
Channel				502200	518598	534996	tune-up limit	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	18.47	18.59	18.30	20.0	0.0	
Channel				501702	518598	535500	tune-up limit	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	18.44	18.54	18.33	20.0	0.0	
Channel				501204	518598	535998	tune-up limit	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	18.48	18.55	18.39	20.0	0.0	
Channel				500700	518598	536496	tune-up limit	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	18.45	18.59	18.30	20.0	0.0	
Channel				500202	518598	537000	tune-up limit	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	18.38	18.63	18.40	20.0	0.0	

n48 Ant10 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				638000	641666	646332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	22.40	22.54	22.51			
40	1/2 BPSK	1	53	22.37	22.51	22.45	24.0	0.0	
40	1/2 BPSK	1	104	22.38	22.52	22.45			
40	1/2 BPSK	50	0	22.43	22.49	22.46	24.0	0.0	
40	1/2 BPSK	50	28	22.35	22.43	22.46	24.0	0.0	
40	1/2 BPSK	50	56	22.35	22.52	22.46			
40	1/2 BPSK	100	0	22.42	22.50	22.49	24.0	0.0	
40	QPSK	1	1	22.37	22.55	22.42			
40	QPSK	1	53	22.36	22.46	22.44	24.0	0.0	
40	QPSK	1	104	22.38	22.49	22.41			
40	QPSK	50	0	22.38	22.50	22.41	24.0	0.0	
40	QPSK	50	28	22.36	22.53	22.42	24.0	0.0	
40	QPSK	50	56	22.45	22.42	22.40			
40	QPSK	100	0	22.39	22.51	22.50	24.0	0.0	
40	16QAM	1	1	22.37	22.43	22.43	24.0	0.0	
40	64QAM	1	1	20.92	20.92	20.88	22.5	1.5	
40	256QAM	1	1	18.92	19.01	18.96	20.5	3.5	
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	22.33	22.39	22.28	24.0	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	22.26	22.34	22.35	24.0	0.0	
Channel				637163	641666	645163			
Frequency (MHz)				3557.52	3624.99	3692.49			
15	QPSK	1	1	22.29	22.40	22.28	24.0	0.0	
Channel				637000	641666	646332			
Frequency (MHz)				3565	3624.99	3694.98			
10	QPSK	1	1	22.28	22.34	22.27	24.0	0.0	

Part270 n77 Ant10 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	22.21	22.29	22.23			
100	1/2 BPSK	1	137	22.12	22.31	22.21	22.5	0.0	
100	1/2 BPSK	1	271	22.14	22.20	22.24			
100	1/2 BPSK	135	0	22.13	22.29	22.17	22.5	0.0	
100	1/2 BPSK	135	69	22.20	22.21	22.17	22.5	0.0	
100	1/2 BPSK	135	138	22.18	22.28	22.18			
100	1/2 BPSK	270	0	22.19	22.22	22.19	22.5	0.0	
100	QPSK	1	1	22.11	22.33	22.19			
100	QPSK	1	137	22.19	22.24	22.25	22.5	0.0	
100	QPSK	1	271	22.12	22.29	22.18			
100	QPSK	135	0	22.13	22.31	22.25	22.5	0.0	
100	QPSK	135	69	22.19	22.32	22.24	22.5	0.0	
100	QPSK	135	138	22.19	22.24	22.23			
100	QPSK	270	0	22.18	22.23	22.22	22.5	0.0	
100	16QAM	1	1	22.11	22.26	22.19	22.5	0.0	
100	64QAM	1	1	22.10	22.25	22.26	22.5	0.0	
100	256QAM	1	1	22.15	22.32	22.25	22.5	0.0	
Channel				648668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.07	22.15	22.08	22.5	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	21.98	22.18	22.04	22.5	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.96	22.26	22.14	22.5	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	21.95	22.20	22.14	22.5	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.98	22.18	22.07	22.5	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	21.97	22.15	22.14	22.5	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	22.02	22.14	22.04	22.5	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	22.04	22.21	22.03	22.5	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.02	22.15	22.05	22.5	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.00	22.23	22.05	22.5	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.04	22.18	22.10	22.5	0.0	

Part270 n77 PC2 Ant10 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	25.71	25.85	25.67			
100	1/2 BPSK	1	137	25.60	25.86	25.70	26.0	0.0	
100	1/2 BPSK	1	271	25.58	25.65	25.69			
100	1/2 BPSK	135	0	25.59	25.85	25.68	26.0	0.0	
100	1/2 BPSK	135	69	25.70	25.68	25.83	26.0	0.0	
100	1/2 BPSK	135	138	25.71	25.74	25.74	26.0	0.0	
100	1/2 BPSK	270	0	25.69	25.70	25.70	26.0	0.0	
100	QPSK	1	1	25.57	25.87	25.70			
100	QPSK	1	137	25.73	25.77	25.80	26.0	0.0	
100	QPSK	1	271	25.64	25.81	25.66			
100	QPSK	135	0	25.61	25.76	25.77	26.0	0.0	
100	QPSK	135	69	25.70	25.61	25.76	26.0	0.0	
100	QPSK	135	138	25.72	25.69	25.76	26.0	0.0	
100	QPSK	270	0	25.72	25.77	25.76	26.0	0.0	
100	16QAM	1	1	25.58	25.70	25.66	26.0	0.0	
100	64QAM	1	1	25.56	25.80	25.82	26.0	0.0	
100	256QAM	1	1	24.20	24.20	24.50	24.5	1.5	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	25.41	25.76	25.57	26.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	25.47	25.77	25.55	26.0	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	25.48	25.78	25.54	26.0	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	25.48	25.73	25.57	26.0	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	25.52	25.72	25.60	26.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720.00	3840	3960			
40	QPSK	1	1	25.43	25.77	25.60	26.0	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	25.41	25.81	25.65	26.0	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.1	3840	397.5			
25	QPSK	1	1	25.50	25.71	25.54	26.0	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	397.02			
20	QPSK	1	1	25.52	25.75	25.57	26.0	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	397.51			
15	QPSK	1	1	25.52	25.78	25.61	26.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	397.5			
10	QPSK	1	1	25.51	25.82	25.59	26.0	0.0	

Part27Q n77 PC2 Ant10 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		25.81				
100	1/2 BPSK	1	137		25.78		26.0	0.0	
100	1/2 BPSK	1	271		25.60				
100	1/2 BPSK	135	0		25.70		26.0	0.0	
100	1/2 BPSK	135	69		25.57		26.0	0.0	
100	1/2 BPSK	135	138		25.63				
100	1/2 BPSK	270	0		25.57		26.0	0.0	
100	QPSK	1	1		25.83				
100	QPSK	1	137		25.67		26.0	0.0	
100	QPSK	1	271		25.76				
100	QPSK	135	0		25.64		26.0	0.0	
100	QPSK	135	69		25.76		26.0	0.0	
100	QPSK	135	138		25.59				
100	QPSK	270	0		25.70		26.0	0.0	
100	16QAM	1	1		25.60		26.0	0.0	
100	64QAM	1	1		25.75		26.0	0.0	
100	256QAM	1	1		24.20		24.5	1.5	
Channel				633000	633333	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	25.74	25.68	25.78	26.0	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	25.71	25.77	25.71	26.0	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	25.74	25.73	25.69	26.0	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	25.73	25.70	25.76	26.0	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1	25.76	25.68	25.75	26.0	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	25.78	25.75	25.77	26.0	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1	25.75	25.78	25.69	26.0	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1	25.73	25.78	25.68	26.0	0.0	
Channel				630500	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	25.70	25.70	25.70	26.0	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	25.71	25.72	25.76	26.0	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1	25.74	25.73	25.67	26.0	0.0	

Part270 n78 Ant10 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750					
100	1/2 BPSK	1	1		23.02				
100	1/2 BPSK	1	137		23.01		23.5	0.0	
100	1/2 BPSK	1	271		23.09				
100	1/2 BPSK	135	0		23.03		23.5	0.0	
100	1/2 BPSK	135	69		23.03		23.5	0.0	
100	1/2 BPSK	135	138		23.05				
100	1/2 BPSK	270	0		23.08		23.5	0.0	
100	QPSK	1	1		23.15				
100	QPSK	1	137		23.02		23.5	0.0	
100	QPSK	1	271		23.06				
100	QPSK	135	0		23.10		23.5	0.0	
100	QPSK	135	69		23.15		23.5	0.0	
100	QPSK	135	138		23.08				
100	QPSK	270	0		23.07		23.5	0.0	
100	16QAM	1	1		23.04		23.5	0.0	
100	64QAM	1	1		23.12		23.5	0.0	
100	256QAM	1	1		23.08		23.5	0.0	
Channel				649668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	22.94	22.96	22.93	23.5	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	22.86	22.94	22.83	23.5	0.0	
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	22.92	22.89	22.91	23.5	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	22.87	22.91	22.85	23.5	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	22.88	22.90	22.96	23.5	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	22.82	22.91	22.84	23.5	0.0	
Channel				647668	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	22.98	22.94	22.89	23.5	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	22.96	22.94	22.97	23.5	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	22.89	22.94	22.92	23.5	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	22.97	22.89	22.90	23.5	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3702	3750	3795	up	(dB)	
10	QPSK	1	1	22.87	22.88	22.96	23.5	0.0	

Part270 n78 PC2 Ant10 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				650000					
100	1/2 BPSK	1	1		26.54				
100	1/2 BPSK	1	137		26.56		27.0	0.0	
100	1/2 BPSK	1	271		26.61				
100	1/2 BPSK	135	0		26.56		27.0	0.0	
100	1/2 BPSK	135	69		26.59		27.0	0.0	
100	1/2 BPSK	135	138		26.54				
100	1/2 BPSK	270	0		26.60		27.0	0.0	
100	QPSK	1	1		26.71				
100	QPSK	1	137		26.48		27.0	0.0	
100	QPSK	1	271		26.58				
100	QPSK	135	0		26.56		27.0	0.0	
100	QPSK	135	69		26.59		27.0	0.0	
100	QPSK	135	138		26.55				
100	QPSK	270	0		26.54		27.0	0.0	
100	16QAM	1	1		26.59		27.0	0.0	
100	64QAM	1	1		26.10		26.5	0.5	
100	256QAM	1	1		24.10		24.5	2.5	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	26.58	26.60	26.59	27.0	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	26.57	26.56	26.57	27.0	0.0	
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	26.58	26.59	26.67	27.0	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	26.66	26.67	26.60	27.0	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	26.61	26.64	26.67	27.0	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	26.59	26.62	26.66	27.0	0.0	
Channel				647668	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	26.65	26.61	26.60	27.0	0.0	
Channel				647000	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	26.64	26.68	26.62	27.0	0.0	
Channel				646334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	26.65	26.64	26.64	27.0	0.0	
Channel				646168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	26.58	26.61	26.62	27.0	0.0	
Channel				646000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1	26.65	26.60	26.64	27.0	0.0	

Part27Q n78 PC2 Ant10 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dB)	MPR (dB)	
Channel				633334			27.0	0.0	
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1	26.39			27.0	0.0	
100	1/2 BPSK	1	137	26.40					
100	1/2 BPSK	1	271	26.48			27.0	0.0	
100	1/2 BPSK	135	0	26.52					
100	1/2 BPSK	135	69	26.46			27.0	0.0	
100	1/2 BPSK	135	138	26.41					
100	1/2 BPSK	270	0	26.45			27.0	0.0	
100	QPSK	1	1	26.60					
100	QPSK	1	137	26.52			27.0	0.0	
100	QPSK	1	271	26.43					
100	QPSK	135	0	26.48			27.0	0.0	
100	QPSK	135	69	26.56					
100	QPSK	135	138	26.52			27.0	0.0	
100	QPSK	270	0	26.51					
100	16QAM	1	1	26.40			27.0	0.0	
100	64QAM	1	1	26.10				26.5	
100	256QAM	1	1	24.01			24.5		
Channel				633000	633334	633668	Tune up limit	MPR	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	26.52	26.50	26.53	27.0	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510	Tune up limit	MPR	
80	QPSK	1	1	26.48	26.52	26.54		27.0	
Channel				632314	633334	634354	Tune up limit	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	26.49	26.47	26.47	Tune up limit	27.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02	Tune up limit	MPR	
60	QPSK	1	1	26.54	26.53	26.49		27.0	
Channel				631668	633334	635000	Tune up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	26.54	26.46	26.52	Tune up limit	27.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01	Tune up limit	MPR	
40	QPSK	1	1	26.54	26.48	26.47		27.0	
Channel				631000	633334	635668	Tune up limit	MPR	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	26.46	26.52	26.45	Tune up limit	27.0	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51	Tune up limit	MPR	
25	QPSK	1	1	26.55	26.53	26.48		27.0	
Channel				630500	633334	636000	Tune up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	26.45	26.48	26.49	Tune up limit	27.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52	Tune up limit	MPR	
15	QPSK	1	1	26.52	26.48	26.53		27.0	
Channel				630334	633334	636334	Tune up limit	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	26.47	26.54	26.46	27.0	0.0	

Full & Default Power Mode_Other PA

n7 Ant5 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	21.74	21.71	21.60			
50	1/2 BPSK	1	135	21.71	21.72	21.62	22.5	0.0	
50	1/2 BPSK	1	268	21.64	21.74	21.58			
50	1/2 BPSK	135	0	21.33	21.26	21.24	22.0	0.5	
50	1/2 BPSK	135	68	21.74	21.71	21.57	22.5	0.0	
50	1/2 BPSK	135	135	21.31	21.36	21.20	22.0	0.5	
50	1/2 BPSK	270	0	21.32	21.31	21.15			
50	QPSK	1	1	21.77	21.82	21.70			
50	QPSK	1	135	21.66	21.70	21.57	22.5	0.0	
50	QPSK	1	268	21.74	21.67	21.65			
50	QPSK	135	0	20.71	20.78	20.73	21.5	1.0	
50	QPSK	135	68	21.69	21.76	21.57	22.5	0.0	
50	QPSK	135	135	20.77	20.80	20.74	21.5	1.0	
50	QPSK	270	0	20.78	20.81	20.64			
50	16QAM	1	1	20.77	20.79	20.76	21.5	1.0	
50	64QAM	1	1	19.26	19.27	19.20	20.0	2.5	
50	256QAM	1	1	17.24	17.35	17.20	18.0	4.5	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	21.64	21.69	21.59	22.5	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	21.68	21.71	21.67	22.5	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	21.69	21.75	21.60	22.5	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	21.67	21.66	21.67	22.5	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	21.69	21.68	21.66	22.5	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	21.72	21.75	21.56	22.5	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	21.66	21.75	21.67	22.5	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	21.73	21.72	21.58	22.5	0.0	

n66 Ant5 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	21.73	21.68	21.65			
45	1/2 BPSK	1	120	21.76	21.72	21.72	22.8	0.0	
45	1/2 BPSK	1	240	21.71	21.68	21.70			
45	1/2 BPSK	120	0	21.28	21.37	21.23	22.3	0.5	
45	1/2 BPSK	120	60	21.74	21.75	21.74	22.8	0.0	
45	1/2 BPSK	120	120	21.29	21.34	21.26	22.3	0.5	
45	1/2 BPSK	240	0	21.28	21.32	21.24			
45	QPSK	1	1	21.79	21.82	21.76			
45	QPSK	1	120	21.69	21.75	21.72	22.8	0.0	
45	QPSK	1	240	21.66	21.72	21.70			
45	QPSK	120	0	20.77	20.84	20.71	21.8	1.0	
45	QPSK	120	60	21.75	21.76	21.74	22.8	0.0	
45	QPSK	120	120	20.80	20.79	20.72	21.8	1.0	
45	QPSK	240	0	20.76	20.87	20.73			
45	16QAM	1	1	20.81	20.78	20.75	21.8	1.0	
45	64QAM	1	1	19.30	19.37	19.25	20.3	2.5	
45	256QAM	1	1	17.25	17.37	17.31	18.3	4.5	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	21.72	21.71	21.64	22.8	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	21.76	21.79	21.69	22.8	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	21.67	21.72	21.70	22.8	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	21.69	21.78	21.67	22.8	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	21.73	21.77	21.70	22.8	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	21.76	21.71	21.65	22.8	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	21.69	21.77	21.73	22.8	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	21.71	21.71	21.64	22.8	0.0	

n38 Ant5 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	516000	516996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	21.65	21.70	21.65			
40	1/2 BPSK	1	53	21.59	21.67	21.65	22.5	0.0	
40	1/2 BPSK	1	104	21.67	21.71	21.63			
40	1/2 BPSK	50	0	21.24	21.28	21.18	22.0	0.5	
40	1/2 BPSK	50	26	21.96	21.85	21.86	22.5	0.0	
40	1/2 BPSK	50	56	21.21	21.31	21.23			
40	1/2 BPSK	100	0	21.17	21.24	21.22	22.0	0.5	
40	QPSK	1	1	21.71	21.76	21.74			
40	QPSK	1	53	21.66	21.70	21.66	22.5	0.0	
40	QPSK	1	104	21.64	21.69	21.64			
40	QPSK	50	0	20.70	20.79	20.70	21.5	1.0	
40	QPSK	50	26	21.63	21.72	21.62	22.5	0.0	
40	QPSK	50	56	20.65	20.78	20.72			
40	QPSK	100	0	20.76	20.80	20.68	21.5	1.0	
40	16QAM	1	1	20.68	20.74	20.73	21.5	1.0	
40	64QAM	1	1	19.26	19.24	19.29	20.0	2.5	
40	256QAM	1	1	17.18	17.21	17.24	18.0	4.5	
Channel				517002	516000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	21.81	21.82	21.61	22.5	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	21.58	21.73	21.66	22.5	0.0	
Channel				516000	517000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	21.68	21.72	21.63	22.5	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	21.68	21.67	21.64	22.5	0.0	
Channel				515004	518000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	21.62	21.71	21.71	22.5	0.0	

n41 Ant5 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518596	528090			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	21.51	21.50	21.42			
100	1/2 BPSK	1	137	21.46	21.55	21.52	22.6	0.0	
100	1/2 BPSK	1	271	21.52	21.56	21.45			
100	1/2 BPSK	135	0	21.09	21.12	21.10	22.1	0.5	
100	1/2 BPSK	135	69	21.50	21.49	21.43	22.6	0.0	
100	1/2 BPSK	135	138	21.01	21.13	21.06			
100	1/2 BPSK	270	0	21.12	21.09	21.03	22.1	0.5	
100	QPSK	1	1	21.57	21.61	21.58			
100	QPSK	1	137	21.45	21.54	21.51	22.6	0.0	
100	QPSK	1	271	21.47	21.52	21.47			
100	QPSK	135	0	20.60	20.64	20.55	21.6	1.0	
100	QPSK	135	69	21.54	21.57	21.46	22.6	0.0	
100	QPSK	135	138	20.62	20.62	20.54			
100	QPSK	270	0	20.62	20.65	20.57	21.6	1.0	
100	16QAM	1	1	20.52	20.61	20.52	21.6	1.0	
100	64QAM	1	1	19.11	19.07	19.07	20.1	2.5	
100	256QAM	1	1	17.08	17.11	17.10	18.1	4.5	
Channel				505200	518596	529996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	21.43	21.55	21.51	22.6	0.0	
Channel				507204	518596	529996			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	21.46	21.49	21.45	22.6	0.0	
Channel				503200	511596	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	21.46	21.58	21.47	22.6	0.0	
Channel				505200	518596	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	21.51	21.56	21.48	22.6	0.0	
Channel				504204	511596	532996			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	21.55	21.59	21.53	22.6	0.0	
Channel				503700	518596	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	21.52	21.50	21.42	22.6	0.0	
Channel				502200	511596	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	21.43	21.51	21.50	22.6	0.0	
Channel				502704	518596	534496			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	21.45	21.55	21.50	22.6	0.0	
Channel				502200	511596	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	21.47	21.48	21.49	22.6	0.0	
Channel				501702	518596	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	21.48	21.48	21.45	22.6	0.0	
Channel				501204	518596	535996			
Frequency (MHz)				2506.52	2592.99	2679.99			
20	QPSK	1	1	21.43	21.50	21.49	22.6	0.0	
Channel				500700	518596	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	21.46	21.51	21.46	22.6	0.0	
Channel				500202	518596	537000			
Frequency (MHz)				2501.51	2592.99	2685			
10	QPSK	1	1	21.54	21.48	21.44	22.6	0.0	

Part270 n77 Ant5 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	23.78	23.89	23.81			
100	1/2 BPSK	1	137	23.73	23.90	23.83	25.3	0.0	
100	1/2 BPSK	1	271	23.76	23.81	23.82			
100	1/2 BPSK	135	0	23.35	23.48	23.41	24.8	0.5	
100	1/2 BPSK	135	69	23.76	23.87	23.86	25.3	0.0	
100	1/2 BPSK	135	138	23.35	23.90	23.42	24.8	0.5	
100	1/2 BPSK	270	0	23.34	23.45	23.48			
100	QPSK	1	1	23.86	23.95	23.93			
100	QPSK	1	137	23.78	23.85	23.86	25.3	0.0	
100	QPSK	1	271	23.80	23.82	23.80			
100	QPSK	135	0	22.89	22.94	22.91	24.3	1.0	
100	QPSK	135	69	23.83	23.92	23.88	25.3	0.0	
100	QPSK	135	138	22.86	22.97	22.89			
100	QPSK	270	0	22.85	22.98	22.90	24.3	1.0	
100	16QAM	1	1	22.87	22.93	22.94	24.3	1.0	
100	64QAM	1	1	21.32	21.44	21.41	22.8	2.5	
100	256QAM	1	1	19.32	19.40	19.42	20.8	4.5	
Channel				648668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	23.80	23.88	23.89	25.3	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	23.77	23.87	23.81	25.3	0.0	
Channel				649668	656000	662334			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	23.72	23.91	23.89	25.3	0.0	
Channel				648668	656000	662334			
Frequency (MHz)				3750.02	3840	3950.01			
60	QPSK	1	1	23.80	23.84	23.84	25.3	0.0	
Channel				649334	656000	662334			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	23.76	23.83	23.81	25.3	0.0	
Channel				648000	656000	662400			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	23.81	23.88	23.87	25.3	0.0	
Channel				647668	656000	662334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	23.82	23.88	23.80	25.3	0.0	
Channel				646000	656000	664500			
Frequency (MHz)				3712.5	3840	3975.5			
25	QPSK	1	1	23.76	23.90	23.86	25.3	0.0	
Channel				647234	656000	662334			
Frequency (MHz)				3710.01	3840	3978.02			
20	QPSK	1	1	23.79	23.92	23.89	25.3	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	23.81	23.91	23.82	25.3	0.0	
Channel				647000	656000	662000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	23.75	23.82	23.84	25.3	0.0	

Part27Q n77 Ant5 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		23.56				
100	1/2 BPSK	1	137		23.63		25.3	0.0	
100	1/2 BPSK	1	271		23.54				
100	1/2 BPSK	135	0		23.19		24.8	0.5	
100	1/2 BPSK	135	69		23.62		25.3	0.0	
100	1/2 BPSK	135	138		23.19		24.8	0.5	
100	1/2 BPSK	270	0		23.09				
100	QPSK	1	1		23.69				
100	QPSK	1	137		23.50		25.3	0.0	
100	QPSK	1	271		23.47				
100	QPSK	135	0		22.62		24.3	1.0	
100	QPSK	135	69		22.51		25.3	0.0	
100	QPSK	135	138		22.72		24.3	1.0	
100	QPSK	270	0		22.64				
100	16QAM	1	1		22.67		24.3	1.0	
100	64QAM	1	1		21.11		22.8	2.5	
100	256QAM	1	1		19.07		20.8	4.5	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	23.54	23.57	23.58	25.3	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	23.56	23.59	23.65	25.3	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	23.45	23.56	23.63	25.3	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	23.52	23.57	23.65	25.3	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	23.52	23.56	23.58	25.3	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	23.51	23.62	23.58	25.3	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	23.46	23.57	23.63	25.3	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	23.46	23.55	23.54	25.3	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	23.49	23.53	23.55	25.3	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	23.52	23.57	23.57	25.3	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	23.45	23.60	23.64	25.3	0.0	

Part27Q n77 PC2 Ant5 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel					633334				
Frequency (MHz)					3500.01				
100	1/2 BPSK	1	1		25.40				
100	1/2 BPSK	1	137		25.34		27.2	0.0	
100	1/2 BPSK	1	271		25.51				
100	1/2 BPSK	135	0		25.08		26.7	0.5	
100	1/2 BPSK	135	69		25.39		27.2	0.0	
100	1/2 BPSK	135	138		25.02		26.7	0.5	
100	1/2 BPSK	270	0		25.05				
100	QPSK	1	1		25.54				
100	QPSK	1	137		25.36		27.2	0.0	
100	QPSK	1	271		25.51				
100	QPSK	135	0		24.49		26.2	1.0	
100	QPSK	135	69		25.51		27.2	0.0	
100	QPSK	135	138		24.45		26.2	1.0	
100	QPSK	270	0		24.52				
100	16QAM	1	1		24.49		26.2	1.0	
100	64QAM	1	1		23.12		24.7	2.5	
100	256QAM	1	1		21.01		22.7	4.5	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	25.39	25.41	25.39	27.2	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	25.34	25.44	25.35	27.2	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	25.42	25.42	25.36	27.2	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	25.38	25.40	25.35	27.2	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	25.38	25.48	25.31	27.2	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	25.41	25.43	25.34	27.2	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	25.35	25.43	25.32	27.2	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	25.45	25.44	25.33	27.2	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	25.45	25.44	25.34	27.2	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	25.39	25.42	25.33	27.2	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	25.40	25.46	25.40	27.2	0.0	

Part270 n78 Ant5 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	1/2 BPSK	1	1		23.74				
100	1/2 BPSK	1	137		23.76		25.0	0.0	
100	1/2 BPSK	1	271		23.70				
100	1/2 BPSK	135	0		23.32		24.5	0.5	
100	1/2 BPSK	135	69		23.75		25.0	0.0	
100	1/2 BPSK	135	138		23.30		24.5	0.5	
100	1/2 BPSK	270	0		23.33				
100	QPSK	1	1		23.84				
100	QPSK	1	137		23.80		25.0	0.0	
100	QPSK	1	271		23.78				
100	QPSK	135	0		22.84		24.0	1.0	
100	QPSK	135	69		23.80		25.0	0.0	
100	QPSK	135	138		22.82		24.0	1.0	
100	QPSK	270	0		22.89				
100	16QAM	1	1		22.84		24.0	1.0	
100	64QAM	1	1		21.36		22.5	2.5	
100	256QAM	1	1		19.35		20.5	4.5	
Channel									
Frequency (MHz)				648668	650000	650334	up		
90	QPSK	1	1	23.81	23.82	23.78	25.0	0.0	
Channel									
Frequency (MHz)				649334	650000	650668	up		
80	QPSK	1	1	23.69	23.80	23.74	25.0	0.0	
Channel									
Frequency (MHz)				649000	650000	651000	up		
70	QPSK	1	1	23.69	23.74	23.71	25.0	0.0	
Channel									
Frequency (MHz)				648668	650000	651334	up		
60	QPSK	1	1	23.77	23.71	23.66	25.0	0.0	
Channel									
Frequency (MHz)				648334	650000	651668	up		
50	QPSK	1	1	23.73	23.75	23.70	25.0	0.0	
Channel									
Frequency (MHz)				648000	650000	652000	up		
40	QPSK	1	1	23.71	23.76	23.74	25.0	0.0	
Channel									
Frequency (MHz)				647668	650000	652334	up		
30	QPSK	1	1	23.73	23.76	23.70	25.0	0.0	
Channel									
Frequency (MHz)				647500	650000	652500	up		
25	QPSK	1	1	23.72	23.78	23.75	25.0	0.0	
Channel									
Frequency (MHz)				647334	650000	652668	up		
20	QPSK	1	1	23.69	23.79	23.72	25.0	0.0	
Channel									
Frequency (MHz)				647168	650000	652834	up		
15	QPSK	1	1	23.77	23.76	23.66	25.0	0.0	
Channel									
Frequency (MHz)				647000	650000	653000	up		
10	QPSK	1	1	23.75	23.77	23.69	25.0	0.0	

Part27Q n78 Ant5 Default							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633334			
Frequency (MHz)				3500.01			
100	1/2 BPSK	1	1		23.37		
100	1/2 BPSK	1	137		23.37		25.0
100	1/2 BPSK	1	271		23.32		
100	1/2 BPSK	135	0		22.93		24.5
100	1/2 BPSK	135	69		23.43		25.0
100	1/2 BPSK	135	138		22.92		
100	1/2 BPSK	270	0		22.98		24.5
100	QPSK	1	1		23.48		
100	QPSK	1	137		23.41		25.0
100	QPSK	1	271		23.40		
100	QPSK	135	0		22.48		24.0
100	QPSK	135	69		23.46		25.0
100	QPSK	135	138		22.50		
100	QPSK	270	0		22.53		24.0
100	16QAM	1	1		22.47		24.0
100	64QAM	1	1		20.98		22.5
100	256QAM	1	1		19.05		20.5
Channel				633000	633334	633668	
Frequency (MHz)				3498	3500.01	3505.02	
90	QPSK	1	1	23.46	23.42	23.43	25.0
Channel				632668	633334	634000	
Frequency (MHz)				3490.02	3500.01	3510	
80	QPSK	1	1	23.42	23.40	23.31	25.0
Channel				632334	633334	634334	
Frequency (MHz)				3485.01	3500.01	3515.01	
70	QPSK	1	1	23.40	23.31	23.34	25.0
Channel				632000	633334	634668	
Frequency (MHz)				3480	3500.01	3520.02	
60	QPSK	1	1	23.42	23.33	23.37	25.0
Channel				631668	633334	635000	
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	23.32	23.37	23.40	25.0
Channel				631334	633334	635334	
Frequency (MHz)				3470.01	3500.01	3530.01	
40	QPSK	1	1	23.35	23.32	23.38	25.0
Channel				631000	633334	635668	
Frequency (MHz)				3465	3500.01	3535.02	
30	QPSK	1	1	23.35	23.39	23.35	25.0
Channel				630834	633334	635884	
Frequency (MHz)				3462.51	3500.01	3537.51	
25	QPSK	1	1	23.42	23.28	23.40	25.0
Channel				630568	633334	636000	
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	23.32	23.35	23.37	25.0
Channel				630500	633334	636168	
Frequency (MHz)				3457.5	3500.01	3542.52	
15	QPSK	1	1	23.44	23.37	23.33	25.0
Channel				630334	633334	636334	
Frequency (MHz)				3455.01	3500.01	3545.01	
10	QPSK	1	1	23.39	23.30	23.40	25.0

Part27Q n78 PC2 Ant5 Default							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633334			
Frequency (MHz)				3500.01			
100	1/2 BPSK	1	1		25.38		
100	1/2 BPSK	1	137		25.35		26.7
100	1/2 BPSK	1	271		25.25		
100	1/2 BPSK	135	0		24.90		26.2
100	1/2 BPSK	135	69		25.36		26.7
100	1/2 BPSK	135	138		24.92		
100	1/2 BPSK	270	0		24.96		26.2
100	QPSK	1	1		25.46		
100	QPSK	1	137		25.33		26.7
100	QPSK	1	271		25.32		
100	QPSK	135	0		24.45		25.7
100	QPSK	135	69		25.43		26.7
100	QPSK	135	138		24.43		
100	QPSK	270	0		24.52		25.7
100	16QAM	1	1		24.48		25.7
100	64QAM	1	1		22.96		24.2
100	256QAM	1	1		20.98		22.2
Channel				633000	633334	633668	
Frequency (MHz)				3495	3500.01	3505.02	
90	QPSK	1	1	25.39	25.36	25.42	26.7
Channel				632668	633334	634000	
Frequency (MHz)				3490.02	3500.01	3510	
80	QPSK	1	1	25.31	25.33	25.40	26.7
Channel				632334	633334	634334	
Frequency (MHz)				3485.01	3500.01	3515.01	
70	QPSK	1	1	25.30	25.23	25.32	26.7
Channel				632000	633334	634668	
Frequency (MHz)				3480	3500.01	3520.02	
60	QPSK	1	1	25.36	25.30	25.38	26.7
Channel				631668	633334	635000	
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	25.34	25.25	25.40	26.7
Channel				631334	633334	635334	
Frequency (MHz)				3470.01	3500.01	3530.01	
40	QPSK	1	1	25.32	25.29	25.31	26.7
Channel				631000	633334	635668	
Frequency (MHz)				3465	3500.01	3535.02	
30	QPSK	1	1	25.34	25.27	25.33	26.7
Channel				630834	633334	635884	
Frequency (MHz)				3462.51	3500.01	3537.51	
25	QPSK	1	1	25.33	25.32	25.36	26.7
Channel				630568	633334	636000	
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	25.37	25.24	25.39	26.7
Channel				630500	633334	636168	
Frequency (MHz)				3457.5	3500.01	3542.52	
15	QPSK	1	1	25.29	25.31	25.30	26.7
Channel				630334	633334	636334	
Frequency (MHz)				3455.01	3500.01	3545.01	
10	QPSK	1	1	25.35	25.28	25.38	26.7

n7 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	23.40	23.50	23.43	24.7	0.0	
50	1/2 BPSK	1	135	23.47	23.52	23.38			
50	1/2 BPSK	1	268	23.40	23.45	23.40			
50	1/2 BPSK	135	0	23.04	23.12	23.04	24.2	0.5	
50	1/2 BPSK	135	68	23.46	23.46	23.39	24.7	0.0	
50	1/2 BPSK	135	135	23.00	23.14	23.05	24.2	0.5	
50	1/2 BPSK	270	0	22.97	23.13	22.96			
50	QPSK	1	1	23.51	23.58	23.52	24.7	0.0	
50	QPSK	1	135	23.44	23.48	23.42			
50	QPSK	1	268	23.42	23.55	23.50			
50	QPSK	135	0	22.55	22.61	22.53	23.7	1.0	
50	QPSK	135	68	23.44	23.56	23.41	24.7	0.0	
50	QPSK	135	135	22.56	22.54	22.55	23.7	1.0	
50	QPSK	270	0	22.55	22.62	22.51			
50	16QAM	1	1	22.54	22.53	22.56	23.7	1.0	
50	64QAM	1	1	21.03	21.03	20.98	22.2	2.5	
50	256QAM	1	1	18.99	19.06	18.97	20.2	4.5	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	23.40	23.54	23.49	24.7	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	23.46	23.53	23.49	24.7	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	23.43	23.50	23.42	24.7	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	23.41	23.48	23.50	24.7	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	23.41	23.52	23.43	24.7	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	23.43	23.51	23.39	24.7	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	23.43	23.55	23.43	24.7	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	23.43	23.48	23.48	24.7	0.0	

n66 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	24.13	24.16	24.05	24.8	0.0	
45	1/2 BPSK	1	120	24.06	24.17	24.08			
45	1/2 BPSK	1	240	24.07	24.18	24.02			
45	1/2 BPSK	120	0	23.71	23.66	23.64	24.3	0.5	
45	1/2 BPSK	120	60	24.07	24.13	24.05	24.8	0.0	
45	1/2 BPSK	120	120	23.66	23.76	23.66	24.3	0.5	
45	1/2 BPSK	240	0	23.74	23.67	23.71			
45	QPSK	1	1	24.19	24.22	24.16	24.8	0.0	
45	QPSK	1	120	24.16	24.16	24.10			
45	QPSK	1	240	24.10	24.11	24.10			
45	QPSK	120	0	23.21	23.25	23.12	23.8	1.0	
45	QPSK	120	60	24.16	24.19	24.11	24.8	0.0	
45	QPSK	120	120	23.25	23.18	23.14	23.8	1.0	
45	QPSK	240	0	23.20	23.27	23.13			
45	16QAM	1	1	23.16	23.24	23.20	23.8	1.0	
45	64QAM	1	1	21.67	21.69	21.64	22.3	2.5	
45	256QAM	1	1	19.63	19.72	19.61	20.3	4.5	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	24.08	24.15	24.10	24.8	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	24.13	24.11	24.04	24.8	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	24.09	24.18	24.12	24.8	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	24.06	24.15	24.03	24.8	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	24.15	24.20	24.13	24.8	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	24.11	24.18	24.04	24.8	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	24.05	24.08	24.10	24.8	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	24.10	24.13	24.12	24.8	0.0	

n38 Ant4 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	23.28	23.25	23.18			
40	1/2 BPSK	1	53	23.31	23.30	23.27	24.7	0.0	
40	1/2 BPSK	1	104	23.29	23.33	23.22			
40	1/2 BPSK	50	0	22.85	22.85	22.79	24.2	0.5	
40	1/2 BPSK	50	26	23.26	23.24	23.25	24.7	0.0	
40	1/2 BPSK	50	56	22.87	22.84	22.77			
40	1/2 BPSK	100	0	22.84	22.88	22.80	24.2	0.5	
40	QPSK	1	1	23.35	23.30	23.31			
40	QPSK	1	53	23.32	23.28	23.27	24.7	0.0	
40	QPSK	1	104	23.24	23.29	23.23			
40	QPSK	50	0	22.32	22.33	22.36	23.7	1.0	
40	QPSK	50	26	23.21	23.34	23.21	24.7	0.0	
40	QPSK	50	56	22.35	22.32	22.33			
40	QPSK	100	0	22.34	22.35	22.31	23.7	1.0	
40	16QAM	1	1	22.38	22.31	22.32	23.7	1.0	
40	64QAM	1	1	20.87	20.89	20.81	22.2	2.5	
40	256QAM	1	1	18.87	18.81	18.77	20.2	4.5	
Channel				517002	518000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	23.31	23.27	23.27	24.7	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	23.35	23.36	23.22	24.7	0.0	
Channel				515000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	23.32	23.26	23.25	24.7	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	23.32	23.25	23.24	24.7	0.0	
Channel				515004	519000	522500			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	23.23	23.28	23.21	24.7	0.0	

n41 Ant4 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				509002	518598	526000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	23.04	23.21	23.18			
100	1/2 BPSK	1	137	23.09	23.19	23.20	24.7	0.0	
100	1/2 BPSK	1	271	23.02	23.12	23.19			
100	1/2 BPSK	135	0	22.68	22.70	22.75	24.2	0.5	
100	1/2 BPSK	135	69	23.07	23.14	23.17	24.7	0.0	
100	1/2 BPSK	135	138	22.65	22.76	22.75			
100	1/2 BPSK	270	0	22.62	22.70	22.78	24.2	0.5	
100	QPSK	1	1	23.16	23.25	23.23			
100	QPSK	1	137	23.08	23.19	23.17	24.7	0.0	
100	QPSK	1	271	23.04	23.23	23.18			
100	QPSK	135	0	22.14	22.27	22.24	23.7	1.0	
100	QPSK	135	69	23.05	23.20	23.14	24.7	0.0	
100	QPSK	135	138	22.22	22.19	22.21			
100	QPSK	270	0	22.13	22.30	22.22	23.7	1.0	
100	16QAM	1	1	22.16	22.23	22.28	23.7	1.0	
100	64QAM	1	1	20.62	20.76	20.73	22.2	2.5	
100	256QAM	1	1	18.62	18.50	18.75	20.2	4.5	
Channel				508000	518598	525998			
Frequency (MHz)				2541	2592.99	2644.99			
90	QPSK	1	1	23.10	23.12	23.11	24.7	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	23.09	23.22	23.14	24.7	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	23.03	23.18	23.18	24.7	0.0	
Channel				505200	518598	531998			
Frequency (MHz)				2526	2592.99	2659.99			
60	QPSK	1	1	23.08	23.13	23.20	24.7	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	23.05	23.12	23.17	24.7	0.0	
Channel				503700	518598	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	23.03	23.14	23.14	24.7	0.0	
Channel				502802	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	23.09	23.20	23.18	24.7	0.0	
Channel				502704	518598	534498			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	23.11	23.15	23.13	24.7	0.0	
Channel				502200	518598	534998			
Frequency (MHz)				2511	2592.99	2674.99			
30	QPSK	1	1	23.09	23.21	23.18	24.7	0.0	
Channel				501702	518598	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	23.04	23.11	23.13	24.7	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	23.08	23.11	23.17	24.7	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	23.02	23.21	23.11	24.7	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	23.05	23.22	23.14	24.7	0.0	

n48 Ant4 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	23.04	23.13	22.97			
40	1/2 BPSK	1	53	23.03	23.04	22.96	24.5	0.0	
40	1/2 BPSK	1	104	22.99	23.04	22.94			
40	1/2 BPSK	50	0	22.69	22.64	22.52	24.0	0.5	
40	1/2 BPSK	50	26	23.10	23.12	22.99	24.5	0.0	
40	1/2 BPSK	50	56	22.69	22.62	22.55			
40	1/2 BPSK	100	0	22.67	22.63	22.52	24.0	0.5	
40	QPSK	1	1	23.13	23.16	23.05			
40	QPSK	1	53	23.05	23.10	22.96	24.5	0.0	
40	QPSK	1	104	23.02	23.09	23.01			
40	QPSK	50	0	22.15	22.15	21.99	23.5	1.0	
40	QPSK	50	26	23.01	23.11	22.97	24.5	0.0	
40	QPSK	50	56	22.13	22.17	22.03			
40	QPSK	100	0	22.17	22.22	22.03	23.5	1.0	
40	16QAM	1	1	22.17	22.11	22.06	23.5	1.0	
40	64QAM	1	1	20.57	20.66	20.59	22.0	2.5	
40	256QAM	1	1	18.62	18.71	18.59	20.0	4.5	
Channel				637668	641666	645566			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	23.08	23.07	23.02	24.5	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	23.06	23.12	22.96	24.5	0.0	
Channel				637168	641666	645168			
Frequency (MHz)				3557.22	3624.99	3672.29			
15	QPSK	1	1	23.02	23.02	22.92	24.5	0.0	
Channel				637000	641666	645332			
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	23.05	23.11	22.99	24.5	0.0	

Part270 n77 PC2 Ant4 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3790	3840	3930			
100	1/2 BPSK	1	1	27.74	27.89	27.83			
100	1/2 BPSK	1	137	27.79	27.78	27.81	28.5	0.0	
100	1/2 BPSK	1	271	27.68	27.74	27.82			
100	1/2 BPSK	135	0	27.36	27.39	27.37	28.0	0.5	
100	1/2 BPSK	135	69	27.75	27.86	27.94	28.5	0.0	
100	1/2 BPSK	135	138	27.35	27.35	27.37			
100	1/2 BPSK	270	0	27.39	27.42	27.45	28.0	0.5	
100	QPSK	1	1	27.90	27.95	27.91			
100	QPSK	1	137	27.78	27.75	27.85	28.5	0.0	
100	QPSK	1	271	27.70	27.74	27.78			
100	QPSK	135	0	26.79	27.00	26.82	27.5	1.0	
100	QPSK	135	69	27.69	27.92	27.81	28.5	0.0	
100	QPSK	135	138	26.85	26.84	26.90			
100	QPSK	270	0	26.79	27.00	26.91	27.5	1.0	
100	16QAM	1	1	26.79	26.86	26.93	27.5	1.0	
100	64QAM	1	1	25.36	25.42	25.40	26.0	2.5	
100	256QAM	1	1	23.42	23.52	23.41	24.0	4.5	
Channel				646668	650000	662334	up	MPR	
Frequency (MHz)				3745.02	3840	3935.01	up	(dB)	
90	QPSK	1	1	27.86	27.87	27.80	28.5	0.0	
Channel				649334	650000	662668	up	MPR	
Frequency (MHz)				3740.01	3840	3940.02	up	(dB)	
80	QPSK	1	1	27.84	27.83	27.83	28.5	0.0	
Channel				649200	650000	663000	up	MPR	
Frequency (MHz)				3735	3840	3945	up	(dB)	
70	QPSK	1	1	27.78	27.84	27.78	28.5	0.0	
Channel				648668	650000	663334	up	MPR	
Frequency (MHz)				3730.02	3840	3950.01	up	(dB)	
60	QPSK	1	1	27.87	27.87	27.80	28.5	0.0	
Channel				648334	650000	663668	up	MPR	
Frequency (MHz)				3725.01	3840	3985.02	up	(dB)	
50	QPSK	1	1	27.88	27.87	27.81	28.5	0.0	
Channel				648000	650000	664000	up	MPR	
Frequency (MHz)				3720	3840	3960	up	(dB)	
40	QPSK	1	1	27.77	27.93	27.87	28.5	0.0	
Channel				647200	650000	664334	up	MPR	
Frequency (MHz)				3715.02	3840	3985.01	up	(dB)	
30	QPSK	1	1	27.84	27.88	27.86	28.5	0.0	
Channel				647500	650000	664500	up	MPR	
Frequency (MHz)				3712.5	3840	3967.5	up	(dB)	
25	QPSK	1	1	27.81	27.85	27.85	28.5	0.0	
Channel				647334	650000	664668	up	MPR	
Frequency (MHz)				3710.01	3840	3970.02	up	(dB)	
20	QPSK	1	1	27.81	27.84	27.88	28.5	0.0	
Channel				647168	650000	664834	up	MPR	
Frequency (MHz)				3707.52	3840	3972.51	up	(dB)	
15	QPSK	1	1	27.88	27.90	27.78	28.5	0.0	
Channel				647000	650000	665000	up	MPR	
Frequency (MHz)				3705	3840	3975	up	(dB)	
10	QPSK	1	1	27.77	27.90	27.85	28.5	0.0	

Part27Q n77 Ant4 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				633334					
100	1/2 BPSK	1	1		25.48				
100	1/2 BPSK	1	137		25.43		26.0	0.0	
100	1/2 BPSK	1	271		25.45				
100	1/2 BPSK	135	0		24.99		25.5	0.5	
100	1/2 BPSK	135	69		25.41		26.0	0.0	
100	1/2 BPSK	135	138		25.02				
100	1/2 BPSK	270	0		25.13		25.5	0.5	
100	QPSK	1	1		25.50				
100	QPSK	1	137		25.41		26.0	0.0	
100	QPSK	1	271		25.43				
100	QPSK	135	0		24.58		25.0	1.0	
100	QPSK	135	69		25.49		26.0	0.0	
100	QPSK	135	138		24.55				
100	QPSK	270	0		24.66		25.0	1.0	
100	16QAM	1	1		24.57		25.0	1.0	
100	64QAM	1	1		23.03		23.5	2.5	
100	256QAM	1	1		21.12		21.5	4.5	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	25.42	25.45	25.45	26.0	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	25.45	25.47	25.45	26.0	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	25.47	25.47	25.47	26.0	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	25.41	25.42	25.45	26.0	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1	25.32	25.33	25.41	26.0	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	25.28	25.36	25.36	26.0	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1	25.35	25.40	25.38	26.0	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1	25.35	25.37	25.38	26.0	0.0	
Channel				630668	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	25.32	25.38	25.39	26.0	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	25.30	25.36	25.38	26.0	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1	25.32	25.41	25.31	26.0	0.0	

Part27Q n77 PC2 Ant4 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				3600.01					
100	1/2 BPSK	1	1		27.53				
100	1/2 BPSK	1	137		27.49		28.5	0.0	
100	1/2 BPSK	1	271		27.53				
100	1/2 BPSK	135	0		27.06		28.0	0.5	
100	1/2 BPSK	135	69		27.45		28.5	0.0	
100	1/2 BPSK	135	138		27.05				
100	1/2 BPSK	270	0		27.14		28.0	0.5	
100	QPSK	1	1		27.55				
100	QPSK	1	137		27.50		28.5	0.0	
100	QPSK	1	271		27.44				
100	QPSK	135	0		26.80		27.5	1.0	
100	QPSK	135	69		26.54		28.5	0.0	
100	QPSK	135	138		26.54				
100	QPSK	270	0		26.69		27.5	1.0	
100	16QAM	1	1		26.57		27.5	1.0	
100	16QAM	1	1		25.11		26.0	2.5	
100	256QAM	1	1		23.16		24.5	0.5	
Channel									
Frequency (MHz)				36300.0		36334.0	36368.0		
90	QPSK	1	1	27.51	27.53	27.49	28.5	0.0	
Channel				36268.0		36334.0	36400.0		
Frequency (MHz)				3400.02		3500.01	3510.0		
80	QPSK	1	1	27.44	27.49	27.43	28.5	0.0	
Channel				33284.0		33334.0	33434.0		
Frequency (MHz)				3465.01		3500.01	3515.01		
70	QPSK	1	1	27.42	27.45	27.35	28.5	0.0	
Channel				36200.0		36334.0	36468.0		
Frequency (MHz)				3480.0		3500.01	3520.02		
60	QPSK	1	1	27.44	27.42	27.46	28.5	0.0	
Channel				33168.0		33334.0	33500.0		
Frequency (MHz)				3474.0		3500.01	3525.0		
50	QPSK	1	1	27.39	27.48	27.43	28.5	0.0	
Channel				36134.0		36334.0	36534.0		
Frequency (MHz)				3410.01		3500.01	3530.01		
40	QPSK	1	1	27.42	27.51	27.44	28.5	0.0	
Channel				36300.0		36334.0	36368.0		
Frequency (MHz)				3465.0		3500.01	3535.02		
30	QPSK	1	1	27.49	27.48	27.38	28.5	0.0	
Channel				60884.0		60834.0	60884.0		
Frequency (MHz)				3462.51		3500.01	3537.51		
25	QPSK	1	1	27.45	27.48	27.39	28.5	0.0	
Channel				36066.0		36334.0	36600.0		
Frequency (MHz)				3460.02		3500.01	3540.0		
20	QPSK	1	1	27.41	27.41	27.41	28.5	0.0	
Channel				60500.0		60334.0	60168.0		
Frequency (MHz)				3457.5		3500.01	3542.52		
15	QPSK	1	1	27.47	27.51	27.41	28.5	0.0	
Channel				60334.0		60334.0	60334.0		
Frequency (MHz)				3455.01		3500.01	3545.01		
10	QPSK	1	1	27.47	27.40	27.46	28.5	0.0	

Part270 n78 PC2 Ant4 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit [dBm]	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1		27.83				
100	1/2 BPS	1	137		27.78		28.5	0.0	
100	1/2 BPS	1	271		27.77				
100	1/2 BPS	135	0		27.94		28.0	0.5	
100	1/2 BPS	135	69		27.85		28.5	0.0	
100	1/2 BPS	135	138		27.32				
100	1/2 BPS	270	0		27.30		28.0	0.5	
100	QPSK	1	1		27.85				
100	QPSK	1	137		27.77		28.5	0.0	
100	QPSK	1	271		27.79				
100	QPSK	135	0		26.88		27.5	1.0	
100	QPSK	135	69		27.83		28.5	0.0	
100	QPSK	135	138		26.81		27.5	1.0	
100	QPSK	270	0		26.85				
100	16QAM	1	1		26.83		27.5	1.0	
100	64QAM	1	1		26.32		26.0	2.5	
100	256QAM	1	1		23.30		24.0	4.5	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	27.70	27.80	27.80	28.5	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	27.65	27.71	27.71	28.5	0.0	
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	27.56	27.70	27.76	28.5	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	27.67	27.75	27.69	28.5	0.0	
Channel				649334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	27.68	27.71	27.69	28.5	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	27.65	27.69	27.76	28.5	0.0	
Channel				647668	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	27.57	27.69	27.75	28.5	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	27.59	27.69	27.75	28.5	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	27.63	27.70	27.75	28.5	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	27.56	27.76	27.69	28.5	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1	27.60	27.77	27.68	28.5	0.0	

Part27Q n78 Ant4 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		25.56				
100	1/2 BPS	1	137		25.60		26.0	0.0	
100	1/2 BPS	1	271		25.60				
100	1/2 BPS	135	0		25.09		25.5	0.5	
100	1/2 BPS	135	69		25.48		26.0	0.0	
100	1/2 BPS	138	138		25.07				
100	1/2 BPS	270	0		25.04		25.5	0.5	
100	QPSK	1	1		25.61				
100	QPSK	1	137		25.53		26.0	0.0	
100	QPSK	1	271		25.56				
100	QPSK	135	0		24.68		25.0	1.0	
100	QPSK	135	69		25.59		26.0	0.0	
100	QPSK	138	138		24.64				
100	QPSK	270	0		24.61		25.0	1.0	
100	16QAM	1	1		24.58		25.0	1.0	
100	64QAM	1	1		23.11		23.5	2.5	
100	256QAM	1	1		21.08		21.5	4.5	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	25.46	25.54	25.56	26.0	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	25.42	25.41	25.42	26.0	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	25.40	25.51	25.52	26.0	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	25.37	25.45	25.44	26.0	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1	25.39	25.52	25.42	26.0	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	25.41	25.44	25.48	26.0	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1	25.38	25.45	25.44	26.0	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1	25.36	25.48	25.46	26.0	0.0	
Channel				630568	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	25.33	25.51	25.48	26.0	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	25.34	25.51	25.52	26.0	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1	25.41	25.51	25.48	26.0	0.0	

Part27Q n78 PC2 Ant4 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		27.54				
100	1/2 BPS	1	137		27.46		28.5	0.0	
100	1/2 BPS	1	271		27.50				
100	1/2 BPS	135	0		27.02		28.0	0.5	
100	1/2 BPS	135	69		27.37		28.5	0.0	
100	1/2 BPS	135	138		27.01				
100	1/2 BPS	270	0		27.04		28.0	0.5	
100	QPSK	1	1		27.58				
100	QPSK	1	137		27.45		28.5	0.0	
100	QPSK	1	271		27.50				
100	QPSK	135	0		26.80		27.5	1.0	
100	QPSK	135	69		27.53		28.5	0.0	
100	QPSK	135	138		26.54		27.5	1.0	
100	QPSK	270	0		26.53				
100	16QAM	1	1		26.51		27.5	1.0	
100	64QAM	1	1		25.00		26.0	2.5	
100	256QAM	1	1		22.98		24.0	4.5	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	27.34	27.46	27.44	28.5	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	27.34	27.52	27.46	28.5	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	27.41	27.54	27.45	28.5	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	27.34	27.47	27.50	28.5	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3505	up	(dB)	
50	QPSK	1	1	27.45	27.52	27.51	28.5	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	27.34	27.52	27.53	28.5	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3536.02	up	(dB)	
30	QPSK	1	1	27.40	27.52	27.49	28.5	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1	27.38	27.48	27.47	28.5	0.0	
Channel				631000	633334	635834	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	27.43	27.52	27.46	28.5	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	27.35	27.56	27.54	28.5	0.0	
Channel				630834	633334	636334	up	MPR	
Frequency (MHz)				3456.01	3500.01	3546.01	up	(dB)	
10	QPSK	1	1	27.35	27.48	27.49	28.5	0.0	

n7 Ant6 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	25.17	25.22	25.18	25.5	0.0	
50	1/2 BPSK	1	135	25.17	25.17	25.19			
50	1/2 BPSK	1	268	25.14	25.15	25.20			
50	1/2 BPSK	135	0	24.70	24.80	24.71	25.0	0.5	
50	1/2 BPSK	135	68	25.10	25.21	25.13	25.5	0.0	
50	1/2 BPSK	135	135	24.70	24.81	24.78			
50	1/2 BPSK	270	0	24.75	24.76	24.71	25.0	0.5	
50	QPSK	1	1	25.23	25.25	25.22			
50	QPSK	1	135	25.13	25.11	25.20	25.5	0.0	
50	QPSK	1	268	25.19	25.13	25.15			
50	QPSK	135	0	24.19	24.26	24.25	24.5	1.0	
50	QPSK	135	68	25.14	25.20	25.12	25.5	0.0	
50	QPSK	135	135	24.21	24.25	24.20			
50	QPSK	270	0	24.26	24.27	24.20	24.5	1.0	
50	16QAM	1	1	24.27	24.24	24.28	24.5	1.0	
50	64QAM	1	1	22.77	22.71	22.68	23.0	2.5	
50	256QAM	1	1	20.70	20.76	20.77	21.0	4.5	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	25.10	25.15	25.15	25.5	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	25.13	25.19	25.13	25.5	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	25.16	25.21	25.12	25.5	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	25.17	25.22	25.09	25.5	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	25.12	25.20	25.18	25.5	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	25.15	25.21	25.18	25.5	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	25.19	25.13	25.18	25.5	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	25.16	25.15	25.19	25.5	0.0	

n66 Ant6 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	24.87	24.96	24.84			
45	1/2 BPSK	1	120	24.89	24.92	24.87	25.5	0.0	
45	1/2 BPSK	1	240	24.88	24.94	24.96			
45	1/2 BPSK	120	0	24.41	24.46	24.46	25.0	0.5	
45	1/2 BPSK	120	60	24.89	24.90	24.90	25.5	0.0	
45	1/2 BPSK	120	120	24.48	24.50	24.45	25.0	0.5	
45	1/2 BPSK	240	0	24.44	24.47	24.53			
45	QPSK	1	1	24.93	25.01	24.98			
45	QPSK	1	120	24.88	24.95	24.88	25.5	0.0	
45	QPSK	1	240	24.81	24.96	24.94			
45	QPSK	120	0	23.87	23.97	24.02	24.5	1.0	
45	QPSK	120	60	24.82	24.97	24.90	25.5	0.0	
45	QPSK	120	120	23.92	24.01	23.96			
45	QPSK	240	0	23.90	24.04	24.01	24.5	1.0	
45	16QAM	1	1	23.95	23.99	23.93	24.5	1.0	
45	64QAM	1	1	22.41	22.50	22.54	23.0	2.5	
45	256QAM	1	1	20.40	20.51	20.52	21.0	4.5	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	24.80	24.96	24.85	25.5	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	24.80	24.91	24.95	25.5	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	24.88	24.95	24.94	25.5	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	24.84	24.95	24.86	25.5	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	24.80	24.90	24.89	25.5	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	24.87	24.89	24.90	25.5	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	24.85	24.93	24.93	25.5	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	24.89	24.98	24.87	25.5	0.0	

n38 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				518004	519000	519996	2590.02	2595	2599.98
40	1/2 BPSK	1	1	24.98	24.99	24.96			
40	1/2 BPSK	1	53	25.03	25.00	24.96	25.5	0.0	
40	1/2 BPSK	1	104	24.96	25.05	24.95			
40	1/2 BPSK	50	0	24.56	24.55	24.54	25.0	0.5	
40	1/2 BPSK	50	26	24.96	25.02	24.99	25.5	0.0	
40	1/2 BPSK	50	56	24.59	24.61	24.51			
40	1/2 BPSK	100	0	24.59	24.60	24.53	25.0	0.5	
40	QPSK	1	1	25.08	25.10	25.06			
40	QPSK	1	53	24.99	24.99	24.98	25.5	0.0	
40	QPSK	1	104	25.01	25.07	25.00			
40	QPSK	50	0	24.10	24.07	24.05	24.5	1.0	
40	QPSK	50	26	25.03	25.07	24.96	25.5	0.0	
40	QPSK	50	56	24.07	24.11	24.01			
40	QPSK	100	0	24.12	24.13	24.10	24.5	1.0	
40	16QAM	1	1	24.05	24.09	24.06	24.5	1.0	
40	64QAM	1	1	22.59	22.62	22.52	23.0	2.5	
40	256QAM	1	1	20.64	20.60	20.51	21.0	4.5	
Channel				517002	518000	518998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	25.05	25.07	25.02	25.5	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	25.05	24.98	25.02	25.5	0.0	
Channel				511000	512000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	24.99	25.02	25.01	25.5	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	25.02	25.04	25.02	25.5	0.0	
Channel				515004	519000	522506			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	25.02	24.97	24.97	25.5	0.0	

n41 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				509002	516598	526000	2546.01	2592.99	2640
100	1/2 BPSK	1	1	24.93	24.93	24.87			
100	1/2 BPSK	1	137	25.04	24.91	24.96	25.5	0.0	
100	1/2 BPSK	1	271	24.93	24.98	24.92			
100	1/2 BPSK	135	0	24.55	24.49	24.48	25.0	0.5	
100	1/2 BPSK	135	69	24.97	25.00	24.94	25.5	0.0	
100	1/2 BPSK	135	138	24.53	24.54	24.46			
100	1/2 BPSK	270	0	24.61	24.54	24.51	25.0	0.5	
100	QPSK	1	1	25.09	25.13	24.97			
100	QPSK	1	137	24.90	24.94	24.96	25.5	0.0	
100	QPSK	1	271	24.93	25.04	24.99			
100	QPSK	135	0	24.04	24.02	24.06	24.5	1.0	
100	QPSK	135	69	24.98	25.09	24.93	25.5	0.0	
100	QPSK	135	138	24.05	24.06	23.92			
100	QPSK	270	0	24.11	24.16	24.06	24.5	1.0	
100	16QAM	1	1	24.01	24.11	24.06	24.5	1.0	
100	64QAM	1	1	22.56	22.63	22.54	23.0	2.5	
100	256QAM	1	1	20.63	20.56	20.49	21.0	4.5	
Channel				508000	516598	526098			
Frequency (MHz)				2541	2592.99	2644.99			
90	QPSK	1	1	25.04	25.05	24.93	25.5	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	25.05	25.00	24.91	25.5	0.0	
Channel				505002	516598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	25.02	25.01	24.91	25.5	0.0	
Channel				505000	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	24.98	25.10	24.87	25.5	0.0	
Channel				504204	516598	532098			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	25.03	25.07	24.86	25.5	0.0	
Channel				503700	518598	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	25.02	25.07	24.92	25.5	0.0	
Channel				503002	516598	533000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	25.00	25.06	24.94	25.5	0.0	
Channel				502704	518598	534498			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	24.97	25.08	24.87	25.5	0.0	
Channel				502200	516598	533098			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	25.02	24.99	24.88	25.5	0.0	
Channel				501702	518598	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	24.98	25.07	24.93	25.5	0.0	
Channel				501204	516598	533998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	25.06	25.05	24.92	25.5	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	24.97	25.01	24.89	25.5	0.0	
Channel				500202	516598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	25.06	25.01	24.89	25.5	0.0	

n48 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				638000	641666	645332	3570	3624.99	3679.98
40	1/2 BPSK	1	1	22.04	22.02	22.05			
40	1/2 BPSK	1	53	22.07	22.10	22.01	23.6	0.0	
40	1/2 BPSK	1	104	22.01	22.04	22.03			
40	1/2 BPSK	50	0	21.62	21.65	21.60	23.1	0.5	
40	1/2 BPSK	50	26	22.05	22.01	21.94	23.6	0.0	
40	1/2 BPSK	50	56	21.57	21.62	21.61			
40	1/2 BPSK	100	0	21.61	21.68	21.59	23.1	0.5	
40	QPSK	1	1	22.09	22.15	22.08			
40	QPSK	1	53	21.97	22.03	21.99	23.6	0.0	
40	QPSK	1	104	22.03	22.11	22.03			
40	QPSK	50	0	21.13	21.21	21.04	22.6	1.0	
40	QPSK	50	26	22.00	22.11	22.03	23.6	0.0	
40	QPSK	50	56	21.09	21.14	21.08			
40	QPSK	100	0	21.11	21.18	21.06	22.6	1.0	
40	16QAM	1	1	21.04	21.15	21.13	22.6	1.0	
40	64QAM	1	1	19.63	19.67	19.59	21.1	2.5	
40	256QAM	1	1	17.62	17.65	17.60	19.1	4.5	
Channel				637168	641666	645266			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	21.95	22.01	22.02	23.6	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	21.98	22.07	21.94	23.6	0.0	
Channel				637100	641666	647106			
Frequency (MHz)				3557.52	3624.99	3692.49			
15	QPSK	1	1	21.95	22.13	21.97	23.6	0.0	
Channel				637000	641666	646332			
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	21.98	22.03	22.03	23.6	0.0	

Part270 n77 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune- up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)									
100	1/2 BPSK	1	1	23.97	24.09	23.83			
100	1/2 BPSK	1	137	23.99	24.12	23.92	25.3	0.0	
100	1/2 BPSK	1	271	23.97	24.01	23.91			
100	1/2 BPSK	135	0	23.48	23.65	23.43	24.8	0.5	
100	1/2 BPSK	135	69	23.97	24.07	23.91	25.3	0.0	
100	1/2 BPSK	135	138	23.54	23.69	23.50			
100	1/2 BPSK	270	0	23.58	23.70	23.47	24.8	0.5	
100	QPSK	1	1	24.04	24.15	23.95			
100	QPSK	1	137	23.99	24.06	23.91	25.3	0.0	
100	QPSK	1	271	23.95	24.08	23.90			
100	QPSK	135	0	23.05	23.17	22.96	24.3	1.0	
100	QPSK	135	69	24.04	24.15	23.96	25.3	0.0	
100	QPSK	135	138	24.04	24.15	23.96			
100	QPSK	270	0	23.10	23.19	22.90	24.3	1.0	
100	16QAM	1	1	23.07	23.16	22.93	24.3	1.0	
100	64QAM	1	1	21.59	21.70	21.48	24.8	2.5	
100	256QAM	1	1	19.51	19.61	19.50	20.8	4.5	
Channel				656000	662000				
Frequency (MHz)									
90	QPSK	1	1	23.91	24.02	23.90	25.3	0.0	
Channel				649334	656000	662666			
Frequency (MHz)									
80	QPSK	1	1	23.99	24.11	23.92	25.3	0.0	
Channel				3740	3840	3940			
Frequency (MHz)									
70	QPSK	1	1	23.95	24.10	23.90	25.3	0.0	
Channel				646666	656000	663334			
Frequency (MHz)									
60	QPSK	1	1	23.86	24.09	23.88	25.3	0.0	
Channel				1430	1530	1630			
Frequency (MHz)									
50	QPSK	1	1	23.78	24.01	23.95	25.3	0.0	
Channel				6392	24.02	6386	25.3	0.0	
Channel				648000	656000	664000			
Frequency (MHz)									
40	QPSK	1	1	23.70	24.06	23.90	25.3	0.0	
Channel				647668	656000	664332			
Frequency (MHz)									
30	QPSK	1	1	23.93	24.07	23.87	25.3	0.0	
Channel				646000	656000	664500			
Frequency (MHz)									
25	QPSK	1	1	3712.5	3840	3957.5	25.3	0.0	
Channel				647334	656000	664666			
Frequency (MHz)									
20	QPSK	1	1	3710	3840	3970	25.3	0.0	
Channel				647168	656000	664834			
Frequency (MHz)									
15	QPSK	1	1	3707.5	3840	3972.5	25.3	0.0	
Channel				647000	656000	665000			
Frequency (MHz)									
10	QPSK	1	1	3705	3840	3975	25.3	0.0	

Part270 n77 PC2 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	25.97	26.08	25.77			
100	1/2 BPSK	1	137	25.97	26.08	25.96	27.3	0.0	
100	1/2 BPSK	1	271	26.01	26.07	25.90			
100	1/2 BPSK	135	0	25.45	25.61	25.41	26.8	0.5	
100	1/2 BPSK	135	69	26.00	26.10	25.93	27.3	0.0	
100	1/2 BPSK	135	138	25.60	25.63	25.53		26.8	0.5
100	1/2 BPSK	270	0	25.56	25.72	25.42	26.8		
100	QPSK	1	1	25.98	26.17	25.99			
100	QPSK	1	137	26.04	26.11	25.86	27.3	0.0	
100	QPSK	1	271	25.97	26.12	25.63			
100	QPSK	135	0	25.02	25.17	24.96	26.3	1.0	
100	QPSK	135	69	26.00	26.14	25.91	27.3	0.0	
100	QPSK	135	138	25.08	25.16	24.85		26.3	1.0
100	QPSK	270	0	25.05	25.15	25.06	26.3		
100	16QAM	1	1	25.09	25.13	24.98	26.3	1.0	
100	64QAM	1	1	23.64	23.69	23.37	24.8	2.5	
100	256QAM	1	1	21.52	21.66	21.44	22.8	4.5	
Channel				646668	650000	662334	MPR (dB)		
Frequency (MHz)				3745.02	3840	3935.01	up (dB)		
90	QPSK	1	1	25.95	26.07	25.91	27.3	0.0	
Channel				649334	650000	662668	MPR (dB)		
Frequency (MHz)				3740.01	3840	3940.02	up (dB)		
80	QPSK	1	1	25.92	26.09	25.91	27.3	0.0	
Channel				649200	650000	663000	MPR (dB)		
Frequency (MHz)				3735	3840	3945	up (dB)		
70	QPSK	1	1	25.88	26.06	25.94	27.3	0.0	
Channel				648668	650000	663334	MPR (dB)		
Frequency (MHz)				3730.02	3840	3950.01	up (dB)		
60	QPSK	1	1	25.87	26.05	25.88	27.3	0.0	
Channel				648334	650000	663668	MPR (dB)		
Frequency (MHz)				3725.01	3840	3955.02	up (dB)		
50	QPSK	1	1	25.87	26.04	25.93	27.3	0.0	
Channel				648000	650000	664000	MPR (dB)		
Frequency (MHz)				3720	3840	3960	up (dB)		
40	QPSK	1	1	25.93	26.08	25.95	27.3	0.0	
Channel				647668	650000	664334	MPR (dB)		
Frequency (MHz)				3715.02	3840	3965.01	up (dB)		
30	QPSK	1	1	25.93	26.05	25.88	27.3	0.0	
Channel				647500	650000	664500	MPR (dB)		
Frequency (MHz)				3712.5	3840	3967.5	up (dB)		
25	QPSK	1	1	25.94	26.04	25.90	27.3	0.0	
Channel				647334	650000	664668	MPR (dB)		
Frequency (MHz)				3710.01	3840	3970.02	up (dB)		
20	QPSK	1	1	25.94	26.09	25.87	27.3	0.0	
Channel				647168	650000	664834	MPR (dB)		
Frequency (MHz)				3707.52	3840	3972.51	up (dB)		
15	QPSK	1	1	25.88	26.07	25.91	27.3	0.0	
Channel				647000	650000	665000	MPR (dB)		
Frequency (MHz)				3705	3840	3975	up (dB)		
10	QPSK	1	1	25.95	26.04	25.85	27.3	0.0	

Part27Q n77 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3600.01	363334				
100	1/2 BPSK	1	1		23.58				
100	1/2 BPSK	1	137		23.58		25.3	0.0	
100	1/2 BPSK	1	271		23.50				
100	1/2 BPSK	135	0		23.17		24.8	0.5	
100	1/2 BPSK	135	69		23.57		25.3	0.0	
100	1/2 BPSK	135	138		23.15		24.8	0.5	
100	1/2 BPSK	270	0		23.15				
100	QPSK	1	1		23.65				
100	QPSK	1	137		23.52		25.3	0.0	
100	QPSK	1	271		23.52				
100	QPSK	135	0		22.99		24.3	1.0	
100	QPSK	135	69		23.62		25.3	0.0	
100	QPSK	135	138		22.72		24.3	1.0	
100	QPSK	270	0		22.62		24.3	1.0	
100	16QAM	1	1		22.67		24.3	1.0	
100	64QAM	1	1		21.17		22.8	2.5	
100	256QAM	1	1		19.08		20.8	4.5	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up (dB)		
90	QPSK	1	1	23.56	23.54	23.52	25.3	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up (dB)		
80	QPSK	1	1	23.58	23.57	23.50	25.3	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up (dB)		
70	QPSK	1	1	23.58	23.51	23.57	25.3	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up (dB)		
60	QPSK	1	1	23.56	23.52	23.54	25.3	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up (dB)		
50	QPSK	1	1	23.53	23.60	23.60	25.3	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up (dB)		
40	QPSK	1	1	23.56	23.49	23.51	25.3	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up (dB)		
30	QPSK	1	1	23.51	23.57	23.58	25.3	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up (dB)		
25	QPSK	1	1	23.59	23.54	23.56	25.3	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up (dB)		
20	QPSK	1	1	23.56	23.52	23.55	25.3	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up (dB)		
15	QPSK	1	1	23.61	23.56	23.50	25.3	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up (dB)		
10	QPSK	1	1	23.57	23.54	23.53	25.3	0.0	

Part27Q n77 PC2 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01	633334				
100	1/2 BPSK	1	1		25.64				
100	1/2 BPSK	1	137		25.57		27.3	0.0	
100	1/2 BPSK	1	271		25.61				
100	1/2 BPSK	135	0		25.06		26.8	0.5	
100	1/2 BPSK	135	69		25.54		27.3	0.0	
100	1/2 BPSK	135	138		25.16			26.8	0.5
100	QPSK	1	1		25.66				
100	QPSK	1	137		25.65		27.3	0.0	
100	QPSK	1	271		25.57				
100	QPSK	135	0		24.72		26.3	1.0	
100	QPSK	135	69		24.59		27.3	0.0	
100	QPSK	135	138		24.61			26.3	1.0
100	QPSK	270	0		24.65				
100	16QAM	1	1		24.64		26.3	1.0	
100	64QAM	1	1		23.21		24.8	2.5	
100	256QAM	1	1		21.21		22.8	4.5	
Channel									
Frequency (MHz)				3495.00	633333	3666.00			
90	QPSK	1	1	25.59	25.51	25.58	27.3	0.0	
Channel				632666	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	25.51	25.54	25.62	27.3	0.0	
Channel				332314	333333	334333			
Frequency (MHz)				3488.01	3500.01	3515.01			
70	QPSK	1	1	25.60	25.62	25.54	27.3	0.0	
Channel				632000	633334	634666			
Frequency (MHz)				3490.01	3500.01	3502.02			
60	QPSK	1	1	25.62	25.57	25.56	27.3	0.0	
Channel				331166	333333	335000			
Frequency (MHz)				3476.02	3500.01	3526			
50	QPSK	1	1	25.58	25.53	25.58	27.3	0.0	
Channel				631334	633334	633334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	25.61	25.59	25.58	27.3	0.0	
Channel				631009	633334	632666			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	25.59	25.61	25.57	27.3	0.0	
Channel				630834	633334	633834			
Frequency (MHz)				3460.51	3500.01	3537.51			
25	QPSK	1	1	25.61	25.53	25.59	27.3	0.0	
Channel				630668	633334	632000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	25.53	25.55	25.56	27.3	0.0	
Channel				630500	633334	631616			
Frequency (MHz)				3457.3	3500.01	3542.2			
15	QPSK	1	1	25.61	25.56	25.53	27.3	0.0	
Channel				630374	633334	633334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	25.56	25.59	25.51	27.3	0.0	

Part270 n78 PC2 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1		26.05				
100	1/2 BPS	1	137		26.05		27.2	0.0	
100	1/2 BPS	1	271		26.02				
100	1/2 BPS	135	0		25.53		26.7	0.5	
100	1/2 BPS	135	69		26.06		27.2	0.0	
100	1/2 BPS	135	138		25.49				
100	1/2 BPS	270	0		25.60		26.7	0.5	
100	QPSK	1	1		26.13				
100	QPSK	1	137		26.09		27.2	0.0	
100	QPSK	1	271		26.10				
100	QPSK	135	0		24.93		26.2	1.0	
100	QPSK	135	69		25.98		27.2	0.0	
100	QPSK	135	138		24.98				
100	QPSK	270	0		24.98		26.2	1.0	
100	16QAM	1	1		24.96		26.2	1.0	
100	64QAM	1	1		22.91		24.7	2.5	
100	256QAM	1	1		20.77		22.7	4.5	
Channel				649668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up		
90	QPSK	1	1	26.07	25.98	26.05	27.2	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up		
80	QPSK	1	1	26.06	26.07	26.05	27.2	0.0	
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up		
70	QPSK	1	1	26.09	26.04	26.01	27.2	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up		
60	QPSK	1	1	26.06	26.08	26.01	27.2	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up		
50	QPSK	1	1	26.08	26.03	26.00	27.2	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up		
40	QPSK	1	1	26.04	25.98	26.08	27.2	0.0	
Channel				647668	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up		
30	QPSK	1	1	25.98	26.01	25.99	27.2	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up		
25	QPSK	1	1	26.00	26.07	26.04	27.2	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up		
20	QPSK	1	1	25.98	25.97	25.97	27.2	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up		
15	QPSK	1	1	26.05	26.03	25.97	27.2	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up		
10	QPSK	1	1	25.98	26.09	26.04	27.2	0.0	

Part270Q n78 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		23.54				
100	1/2 BPS	1	137		23.60		25.3	0.0	
100	1/2 BPS	1	271		23.54				
100	1/2 BPS	135	0		23.10		24.8	0.5	
100	1/2 BPS	135	69		23.51		25.3	0.0	
100	1/2 BPS	135	138		23.17				
100	1/2 BPS	270	0		23.21		24.8	0.5	
100	QPSK	1	1		23.72				
100	QPSK	1	137		23.53		25.3	0.0	
100	QPSK	1	271		23.45				
100	QPSK	135	0		22.87		24.3	1.0	
100	QPSK	135	69		23.81		25.3	0.0	
100	QPSK	135	138		22.72				
100	QPSK	270	0		22.57		24.3	1.0	
100	16QAM	1	1		22.84		24.3	1.0	
100	64QAM	1	1		21.21		22.8	2.5	
100	256QAM	1	1		19.12		20.8	4.5	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	23.66	23.56	23.58	25.3	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	23.56	23.67	23.62	25.3	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	23.57	23.58	23.62	25.3	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	23.62	23.65	23.58	25.3	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	23.57	23.59	23.58	25.3	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	23.57	23.67	23.57	25.3	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	23.67	23.64	23.57	25.3	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	23.58	23.63	23.57	25.3	0.0	
Channel				630568	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	23.67	23.63	23.61	25.3	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	23.61	23.59	23.62	25.3	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	23.62	23.63	23.58	25.3	0.0	

Part270Q n78 PC2 Ant6 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		25.50				
100	1/2 BPS	1	137		25.51		27.2	0.0	
100	1/2 BPS	1	271		25.49				
100	1/2 BPS	135	0		25.04		26.7	0.5	
100	1/2 BPS	135	69		25.50		27.2	0.0	
100	1/2 BPS	135	138		24.99				
100	1/2 BPS	270	0		25.12		26.7	0.5	
100	QPSK	1	1		25.69				
100	QPSK	1	137		25.64		27.2	0.0	
100	QPSK	1	271		25.65				
100	QPSK	135	0		24.46		26.2	1.0	
100	QPSK	135	69		25.49		27.2	0.0	
100	QPSK	135	138		24.43				
100	QPSK	270	0		24.62		26.2	1.0	
100	16QAM	1	1		24.48		26.2	1.0	
100	64QAM	1	1		23.16		24.7	2.5	
100	256QAM	1	1		21.14		22.7	4.5	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	25.63	25.60	25.59	27.2	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	25.60	25.62	25.62	27.2	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	25.59	25.57	25.57	27.2	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	25.57	25.63	25.62	27.2	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	25.64	25.58	25.61	27.2	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	25.58	25.61	25.56	27.2	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	25.58	25.56	25.54	27.2	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	25.63	25.66	25.57	27.2	0.0	
Channel				630668	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	25.65	25.60	25.62	27.2	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	25.56	25.61	25.61	27.2	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	25.60	25.57	25.62	27.2	0.0	

n7 Ant7 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	22.64	22.62	22.52			
50	1/2 BPSK	1	135	22.65	22.66	22.54	23.8	0.0	
50	1/2 BPSK	1	268	22.53	22.57	22.47			
50	1/2 BPSK	135	0	22.21	22.15	22.15	23.3	0.5	
50	1/2 BPSK	135	68	22.68	22.63	22.42	23.8	0.0	
50	1/2 BPSK	135	135	22.16	22.21	22.09	23.3	0.5	
50	1/2 BPSK	270	0	22.22	22.17	22.01			
50	QPSK	1	1	22.68	22.75	22.71			
50	QPSK	1	135	22.51	22.62	22.44	23.8	0.0	
50	QPSK	1	268	22.69	22.61	22.57			
50	QPSK	135	0	21.58	21.63	21.59	22.8	1.0	
50	QPSK	135	68	22.57	22.69	22.43	23.8	0.0	
50	QPSK	135	135	21.70	21.68	21.64	22.8	1.0	
50	QPSK	270	0	21.71	21.73	21.52			
50	16QAM	1	1	21.66	21.70	21.64	22.8	1.0	
50	64QAM	1	1	20.19	20.19	20.08	21.3	2.5	
50	256QAM	1	1	18.18	18.20	18.10	19.3	4.5	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	22.63	22.68	22.62	23.8	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	22.56	22.68	22.57	23.8	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	22.63	22.59	22.59	23.8	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	22.55	22.66	22.59	23.8	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	22.54	22.63	22.63	23.8	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	22.55	22.60	22.58	23.8	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	22.57	22.60	22.63	23.8	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	22.60	22.67	22.58	23.8	0.0	

n66 Ant7 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	21.89	21.91	21.85			
45	1/2 BPSK	1	120	21.98	22.00	21.84	23.2	0.0	
45	1/2 BPSK	1	240	21.86	21.85	21.77			
45	1/2 BPSK	120	0	21.51	21.41	21.47	22.7	0.5	
45	1/2 BPSK	120	60	21.96	21.92	21.76	23.2	0.0	
45	1/2 BPSK	120	120	21.44	21.57	21.38	22.7	0.5	
45	1/2 BPSK	240	0	21.52	21.52	21.26			
45	QPSK	1	1	22.02	22.08	22.05			
45	QPSK	1	120	21.80	21.87	21.77	23.2	0.0	
45	QPSK	1	240	22.04	21.86	21.85			
45	QPSK	120	0	20.91	20.97	20.94	22.2	1.0	
45	QPSK	120	60	21.83	21.98	21.68	23.2	0.0	
45	QPSK	120	120	20.99	21.00	20.91	22.2	1.0	
45	QPSK	240	0	20.91	20.97	20.77			
45	16QAM	1	1	20.94	20.98	20.96	22.2	1.0	
45	64QAM	1	1	19.55	19.55	19.42	20.7	2.5	
45	256QAM	1	1	17.49	17.44	17.43	18.7	4.5	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	21.93	22.00	21.98	23.2	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	21.93	21.98	22.00	23.2	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	21.92	21.99	21.98	23.2	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	21.88	21.95	21.93	23.2	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	21.96	22.03	21.95	23.2	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	21.93	21.98	21.99	23.2	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	21.93	22.01	21.98	23.2	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	21.95	21.97	21.93	23.2	0.0	

n38 Ant7 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	22.58	22.66	22.46			
40	1/2 BPSK	1	53	22.65	22.62	22.50	23.6	0.0	
40	1/2 BPSK	1	104	22.54	22.62	22.47			
40	1/2 BPSK	50	0	22.18	22.12	22.17	23.1	0.5	
40	1/2 BPSK	50	28	22.62	22.58	22.44	23.6	0.0	
40	1/2 BPSK	50	56	22.14	22.25	22.06	23.1	0.5	
40	1/2 BPSK	100	0	22.22	22.19	21.96			
40	QPSK	1	1	22.73	22.78	22.75			
40	QPSK	1	53	22.56	22.64	22.43	23.6	0.0	
40	QPSK	1	104	22.69	22.58	22.55			
40	QPSK	50	0	21.60	21.60	21.54	22.6	1.0	
40	QPSK	50	28	22.56	22.68	22.41	23.6	0.0	
40	QPSK	50	56	21.72	21.70	21.69	22.6	1.0	
40	QPSK	100	0	21.66	21.75	21.55			
40	16QAM	1	1	21.62	21.66	21.62	22.6	1.0	
40	64QAM	1	1	20.24	20.14	20.12	21.1	2.5	
40	256QAM	1	1	18.22	18.20	18.10	19.1	4.5	
Channel				517002	519000	520998	tune-up limit	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	22.60	22.66	22.63	23.6	0.0	
Channel				516504	519000	521496	tune-up limit	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	22.67	22.72	22.60	23.6	0.0	
Channel				516000	519000	522000	tune-up limit	MPR (dB)	
Frequency (MHz)				2560	2595	2610			
20	QPSK	1	1	22.53	22.63	22.61	23.6	0.0	
Channel				515502	519000	522498	tune-up limit	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	22.68	22.65	22.60	23.6	0.0	
Channel				515004	519000	522996	tune-up limit	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	22.61	22.64	22.70	23.6	0.0	

n41 Ant7 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	22.63	22.67	22.43			
100	1/2 BPSK	1	137	22.59	22.67	22.55	23.7	0.0	
100	1/2 BPSK	1	271	22.54	22.61	22.51			
100	1/2 BPSK	135	0	22.16	22.09	22.12	23.2	0.5	
100	1/2 BPSK	135	69	22.57	22.61	22.47	23.7	0.0	
100	1/2 BPSK	135	138	22.10	22.22	22.10	23.2	0.5	
100	1/2 BPSK	270	0	22.21	22.24	21.96			
100	QPSK	1	1	22.67	22.79	22.72			
100	QPSK	1	137	22.54	22.67	22.43	23.7	0.0	
100	QPSK	1	271	22.72	22.63	22.54			
100	QPSK	135	0	21.56	21.59	21.58	22.7	1.0	
100	QPSK	135	69	22.50	22.63	22.45	23.7	0.0	
100	QPSK	135	138	21.72	21.76	21.64	22.7	1.0	
100	QPSK	270	0	21.70	21.77	21.59			
100	16QAM	1	1	21.63	21.68	21.65	22.7	1.0	
100	64QAM	1	1	20.20	20.14	20.12	21.2	2.5	
100	256QAM	1	1	18.18	18.15	18.12	19.2	4.5	
Channel				508200	518598	528996	tune-up limit	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	22.34	22.51	22.44	23.7	0.0	
Channel				507204	518598	529998	tune-up limit	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	22.39	22.49	22.48	23.7	0.0	
Channel				506202	518598	531000	tune-up limit	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	22.37	22.43	22.45	23.7	0.0	
Channel				505200	518598	531996	tune-up limit	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.43	22.45	22.48	23.7	0.0	
Channel				504204	518598	532998	tune-up limit	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	22.31	22.52	22.41	23.7	0.0	
Channel				503700	518598	533496	tune-up limit	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	22.36	22.53	22.37	23.7	0.0	
Channel				503202	518598	534000	tune-up limit	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.40	22.46	22.38	23.7	0.0	
Channel				502704	518598	534498	tune-up limit	MPR (dB)	
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	22.43	22.45	22.40	23.7	0.0	
Channel				502200	518598	534996	tune-up limit	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	22.36	22.50	22.35	23.7	0.0	
Channel				501702	518598	535500	tune-up limit	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	22.33	22.44	22.39	23.7	0.0	
Channel				501204	518598	535998	tune-up limit	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	22.42	22.44	22.46	23.7	0.0	
Channel				500700	518598	536496	tune-up limit	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	22.42	22.52	22.37	23.7	0.0	
Channel				500202	518598	537000	tune-up limit	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	22.40	22.49	22.40	23.7	0.0	

Part270 n77 Ant10 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3760	3840	3920		
100	1/2 BPSK	1	1	23.83	23.96	23.75		
100	1/2 BPSK	1	137	23.92	23.98	23.78	25.7	0.0
100	1/2 BPSK	1	271	23.89	23.95	23.81		
100	1/2 BPSK	135	0	23.36	23.61	23.39	25.2	0.5
100	1/2 BPSK	135	69	23.86	23.92	23.87	25.7	0.0
100	1/2 BPSK	135	138	23.42	23.57	23.40		
100	1/2 BPSK	270	0	23.43	23.55	23.42	25.2	0.5
100	QPSK	1	1	23.72	24.13	24.06		
100	QPSK	1	137	23.95	23.91	23.83	25.7	0.0
100	QPSK	1	271	23.84	23.94	23.80		
100	QPSK	135	0	22.91	23.05	22.91	24.7	1.0
100	QPSK	135	69	23.96	23.98	23.75	25.7	0.0
100	QPSK	135	138	23.00	23.04	22.78		
100	QPSK	270	0	22.98	23.07	22.92	24.7	1.0
100	16QAM	1	1	22.96	23.10	22.82	24.7	1.0
100	64QAM	1	1	21.51	21.58	21.35	23.2	2.5
100	256QAM	1	1	19.47	19.56	19.34	21.2	4.5
Channel								
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.93	23.99	23.94	25.7	0.0
Channel								
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.90	24.00	23.91	25.7	0.0
Channel								
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.97	24.02	23.95	25.7	0.0
Channel								
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.94	24.05	23.99	25.7	0.0
Channel								
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.98	24.03	24.00	25.7	0.0
Channel								
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.95	24.09	23.91	25.7	0.0
Channel								
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.91	24.09	23.94	25.7	0.0
Channel								
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.93	24.07	24.00	25.7	0.0
Channel								
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.97	24.05	23.98	25.7	0.0
Channel								
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.96	24.05	23.92	25.7	0.0
Channel								
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.98	24.03	23.93	25.7	0.0

Part270 n77 PC2 Ant10 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	25.95	25.98	25.96		
100	1/2 BPSK	1	137	25.92	25.99	25.88	27.5	0.0
100	1/2 BPSK	1	271	25.95	26.07	25.84		
100	1/2 BPSK	135	0	25.35	25.53	25.36	27.0	0.5
100	1/2 BPSK	135	69	25.99	26.02	25.93	27.5	0.0
100	1/2 BPSK	135	138	25.51	25.58	25.53		
100	1/2 BPSK	270	0	25.45	25.71	25.36	27.0	0.5
100	QPSK	1	1	25.91	26.16	26.11		
100	QPSK	1	137	26.02	26.05	25.82	27.5	0.0
100	QPSK	1	271	25.92	26.12	25.86		
100	QPSK	135	0	26.01	26.10	24.93	26.5	1.0
100	QPSK	135	69	26.00	26.08	25.84	27.5	0.0
100	QPSK	135	138	24.98	25.08	24.78		
100	QPSK	270	0	25.00	25.07	24.96	26.5	1.0
100	16QAM	1	1	25.03	25.11	24.93	26.5	1.0
100	64QAM	1	1	23.64	23.68	23.35	25.0	2.5
100	256QAM	1	1	21.52	21.61	21.37	23.0	4.5
Channel								
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.86	26.00	25.96	27.5	0.0
Channel								
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.86	26.12	26.01	27.5	0.0
Channel								
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.81	26.10	25.96	27.5	0.0
Channel								
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.84	26.00	25.96	27.5	0.0
Channel								
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.80	26.07	25.95	27.5	0.0
Channel								
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.76	26.11	25.99	27.5	0.0
Channel								
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.80	26.06	26.00	27.5	0.0
Channel								
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.78	26.12	26.00	27.5	0.0
Channel								
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.79	26.09	25.96	27.5	0.0
Channel								
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.81	26.05	26.00	27.5	0.0
Channel								
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.76	26.01	26.02	27.5	0.0

Part27Q n77 Ant10 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	23.79				
100	1/2 BPSK	1	137	23.76			25.7	0.0
100	1/2 BPSK	1	271	23.78				
100	1/2 BPSK	135	0	23.37			25.2	0.5
100	1/2 BPSK	135	69	23.71			25.7	0.0
100	1/2 BPSK	135	138	23.33			25.2	0.5
100	1/2 BPSK	270	0	23.38				
100	QPSK	1	1	23.94				
100	QPSK	1	137	23.72			25.7	0.0
100	QPSK	1	271	23.74				
100	QPSK	135	0	22.86			24.7	1.0
100	QPSK	135	69	23.81			25.7	0.0
100	QPSK	135	138	22.79				
100	QPSK	270	0	22.87			24.7	1.0
100	16QAM	1	1	22.95			24.7	1.0
100	64QAM	1	1	21.33			23.2	2.5
100	256QAM	1	1	19.39			21.2	4.5
Channel				633000	633334	633668		
90	QPSK	1	1	23.78	23.89	23.81	25.7	0.0
Channel				632968	633334	634000		
80	QPSK	1	1	23.78	23.83	23.84	25.7	0.0
Channel				632334	633334	634334		
70	QPSK	1	1	23.83	23.86	23.78	25.7	0.0
Channel				632000	633334	634668		
60	QPSK	1	1	23.80	23.80	23.82	25.7	0.0
60	QPSK	1	1	23.83	23.85	23.89	25.7	0.0
Channel				631668	633334	635000		
50	QPSK	1	1	23.75	23.75	23.75	25.7	0.0
50	QPSK	1	1	23.85	23.84	23.83	25.7	0.0
Channel				631334	633334	635334		
40	QPSK	1	1	23.80	23.80	23.80	25.7	0.0
40	QPSK	1	1	23.85	23.82	23.84	25.7	0.0
Channel				631000	633334	635668		
30	QPSK	1	1	23.81	23.87	23.78	25.7	0.0
Channel				630634	633334	635934		
25	QPSK	1	1	23.82	23.80	23.81	25.7	0.0
25	QPSK	1	1	23.82	23.78	23.81	25.7	0.0
Channel				630668	633334	636000		
20	QPSK	1	1	23.80	23.80	23.80	25.7	0.0
20	QPSK	1	1	23.82	23.83	23.79	25.7	0.0
Channel				630600	633334	636168		
15	QPSK	1	1	23.87	23.80	23.82	25.7	0.0
15	QPSK	1	1	23.82	23.83	23.86	25.7	0.0
Channel				630334	633334	636334		
10	QPSK	1	1	23.85	23.80	23.81	25.7	0.0
10	QPSK	1	1	23.87	23.82	23.81	25.7	0.0

Part270 n78 Ant10 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750					
100	1/2 BPSK	1	1		24.04				
100	1/2 BPSK	1	137		24.02		24.9	0.0	
100	1/2 BPSK	1	271		23.99				
100	1/2 BPSK	135	0		23.57		24.4	0.5	
100	1/2 BPSK	135	69		23.96		24.9	0.0	
100	1/2 BPSK	135	138		23.50		24.4	0.5	
100	1/2 BPSK	270	0		23.54				
100	QPSK	1	1		24.13				
100	QPSK	1	137		23.92		24.9	0.0	
100	QPSK	1	271		23.95				
100	QPSK	135	0		23.01		23.9	1.0	
100	QPSK	135	69		23.95		24.9	0.0	
100	QPSK	135	138		23.02		23.9	1.0	
100	QPSK	270	0		23.11				
100	16QAM	1	1		23.13		23.9	1.0	
100	64QAM	1	1		21.52		22.4	2.5	
100	256QAM	1	1		19.64		20.4	4.5	
Channel				649668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	23.98	24.06	24.00	24.9	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	23.89	23.97	23.89	24.9	0.0	
Channel				649200	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	23.87	23.99	23.97	24.9	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	23.93	24.03	23.98	24.9	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	23.97	24.04	23.99	24.9	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	23.94	23.95	23.96	24.9	0.0	
Channel				647650	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	23.91	23.95	23.90	24.9	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	23.96	24.06	23.95	24.9	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	23.94	24.03	23.89	24.9	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	23.88	23.98	23.91	24.9	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1	23.96	24.05	23.90	24.9	0.0	

Part270 n78 PC2 Ant10 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel					650000				
Frequency (MHz)					3750				
100	1/2 BPSK	1	1		25.98				
100	1/2 BPSK	1	137		25.88		26.8	0.0	
100	1/2 BPSK	1	271		25.89				
100	1/2 BPSK	135	0		25.48		26.3	0.5	
100	1/2 BPSK	135	69		25.81		26.8	0.0	
100	1/2 BPSK	135	138		25.35		26.3	0.5	
100	1/2 BPSK	270	0		25.43				
100	QPSK	1	1		26.03				
100	QPSK	1	137		25.79		26.8	0.0	
100	QPSK	1	271		25.85				
100	QPSK	135	0		24.96		25.8	1.0	
100	QPSK	135	69		25.83		26.8	0.0	
100	QPSK	135	138		24.93		25.8	1.0	
100	QPSK	270	0		24.95				
100	16QAM	1	1		25.05		25.8	1.0	
100	64QAM	1	1		23.44		24.3	2.5	
100	256QAM	1	1		21.60		22.3	4.5	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	25.86	25.91	25.84	26.8	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	25.85	25.95	25.89	26.8	0.0	
Channel				649200	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	25.92	25.99	25.85	26.8	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	25.82	26.00	25.93	26.8	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	25.84	25.97	25.92	26.8	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	25.85	25.98	25.93	26.8	0.0	
Channel				647650	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	25.93	26.00	25.85	26.8	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	25.94	26.01	25.88	26.8	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	25.89	26.00	25.90	26.8	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	25.91	26.00	25.94	26.8	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3702	3750	3795	up	(dB)	
10	QPSK	1	1	25.85	25.95	25.96	26.8	0.0	

Part27Q n78 Ant10 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq. 633334	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)						3500.01			
100	1/2 BPSK	1	1		23.61				
100	1/2 BPSK	1	137		23.61		24.9	0.0	
100	1/2 BPSK	1	271		23.64				
100	1/2 BPSK	135	0		23.14		24.4	0.5	
100	1/2 BPSK	135	69		23.53		24.9	0.0	
100	1/2 BPSK	135	138		23.05		24.4	0.5	
100	1/2 BPSK	270	0		23.16				
100	QPSK	1	1		23.74				
100	QPSK	1	137		23.47		24.9	0.0	
100	QPSK	1	271		23.56				
100	QPSK	135	0		22.57		23.9	1.0	
100	QPSK	135	69		23.54		24.9	0.0	
100	QPSK	135	138		22.66		23.9	1.0	
100	QPSK	270	0		22.87				
100	16QAM	1	1		22.69		23.9	1.0	
100	64QAM	1	1		21.09		22.4	2.5	
100	256QAM	1	1		19.24		20.4	4.5	
Channel						633000	633334	633668	up
Frequency (MHz)						3495	3500.01	3505.02	up
90	QPSK	1	1	23.58	23.67	23.64	24.9	0.0	
Channel						632668	633334	634000	up
Frequency (MHz)						3490.02	3500.01	3510	up
80	QPSK	1	1	23.56	23.64	23.55	24.9	0.0	
Channel						632334	633334	634334	up
Frequency (MHz)						3485.01	3500.01	3515.01	up
70	QPSK	1	1	23.55	23.63	23.59	24.9	0.0	
Channel						632000	633334	634668	up
Frequency (MHz)						3480	3500.01	3520.02	up
60	QPSK	1	1	23.54	23.65	23.58	24.9	0.0	
Channel						631668	633334	635000	up
Frequency (MHz)						3475.02	3500.01	3525	up
50	QPSK	1	1	23.53	23.64	23.57	24.9	0.0	
Channel						631334	633334	635334	up
Frequency (MHz)						3470.01	3500.01	3530.01	up
40	QPSK	1	1	23.63	23.67	23.56	24.9	0.0	
Channel						631000	633334	635668	up
Frequency (MHz)						3465	3500.01	3535.02	up
30	QPSK	1	1	23.56	23.62	23.59	24.9	0.0	
Channel						630834	633334	635834	up
Frequency (MHz)						3462.51	3500.01	3537.51	up
25	QPSK	1	1	23.58	23.66	23.61	24.9	0.0	
Channel						630668	633334	636000	up
Frequency (MHz)						3460.02	3500.01	3540	up
20	QPSK	1	1	23.63	23.65	23.60	24.9	0.0	
Channel						630500	633334	636168	up
Frequency (MHz)						3457.51	3500.01	3542.52	up
15	QPSK	1	1	23.58	23.71	23.63	24.9	0.0	
Channel						630334	633334	636334	up
Frequency (MHz)						3455.01	3500.01	3545.01	up
10	QPSK	1	1	23.60	23.67	23.65	24.9	0.0	

Reduced Power Mode for DSI1_Other PA

n7 Ant5 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000	15.0	0.0	
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	14.33	14.27	14.18			
50	1/2 BPSK	1	135	14.22	14.31	14.14	15.0	0.0	
50	1/2 BPSK	1	268	14.26	14.29	14.25			
50	1/2 BPSK	135	0	14.28	14.37	14.22			
50	1/2 BPSK	135	68	14.27	14.33	14.22	15.0	0.0	
50	1/2 BPSK	135	135	14.33	14.27	14.23			
50	1/2 BPSK	270	0	14.29	14.33	14.25			
50	QPSK	1	1	14.26	14.41	14.22	15.0	0.0	
50	QPSK	1	135	14.30	14.27	14.24			
50	QPSK	1	268	14.21	14.37	14.16			
50	QPSK	135	0	14.33	14.37	14.21	15.0	0.0	
50	QPSK	135	68	14.30	14.39	14.15			
50	QPSK	135	135	14.24	14.34	14.25		15.0	
50	QPSK	270	0	14.23	14.30	14.21			
50	16QAM	1	1	14.29	14.26	14.22	15.0	0.0	
50	64QAM	1	1	14.22	14.27	14.18			
50	256QAM	1	1	14.31	14.32	14.18			
Channel				504000	507000	510000	15.0	0.0	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	14.14	14.23	14.11		15.0	
Channel				503500	507000	510500	15.0	0.0	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	14.15	14.31	14.10		15.0	
Channel				503000	507000	511000	15.0	0.0	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	14.17	14.29	14.12	15.0	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	14.16	14.27	14.10	15.0	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	14.15	14.24	14.12	15.0	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	14.15	14.25	14.07	15.0	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	14.20	14.27	14.18	15.0	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	14.20	14.21	14.07	15.0	0.0	

n66 Ant5 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500	15.8	0.0	
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	14.84	14.82	14.74			
45	1/2 BPSK	1	120	14.83	14.87	14.74	15.8	0.0	
45	1/2 BPSK	1	240	14.80	14.86	14.77			
45	1/2 BPSK	120	0	14.80	14.76	14.72			
45	1/2 BPSK	120	60	14.74	14.79	14.76	15.8	0.0	
45	1/2 BPSK	120	120	14.81	14.78	14.78			
45	1/2 BPSK	240	0	14.80	14.77	14.79			
45	QPSK	1	1	14.77	14.89	14.71	15.8	0.0	
45	QPSK	1	120	14.76	14.87	14.74			
45	QPSK	1	240	14.83	14.80	14.76			
45	QPSK	120	0	14.81	14.86	14.72	15.8	0.0	
45	QPSK	120	60	14.81	14.87	14.75			
45	QPSK	120	120	14.80	14.86	14.71		15.8	
45	QPSK	240	0	14.82	14.83	14.71			
45	16QAM	1	1	14.84	14.84	14.82	15.8	0.0	
45	64QAM	1	1	14.79	14.83	14.80			
45	256QAM	1	1	14.83	14.82	14.72			
Channel				346000	349000	352000	15.8	0.0	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	14.72	14.74	14.66		15.8	
Channel				345500	349000	352500	15.8	0.0	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	14.64	14.72	14.59		15.8	
Channel				345000	349000	353000	15.8	0.0	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	14.63	14.75	14.56	15.8	0.0	
Channel				344500	349000	353500			
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	14.70	14.79	14.63	15.8	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	14.72	14.74	14.60	15.8	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	14.65	14.82	14.58	15.8	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	14.68	14.81	14.66	15.8	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	14.65	14.77	14.65	15.8	0.0	

n38 Ant5 DSI1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	516000	516996			
Frequency (MHz)				2590.02	2595	2595.98			
40	1/2 BPSK	1	1	13.74	13.80	13.71	14.5	0.0	
40	1/2 BPSK	1	53	13.72	13.73	13.76			
40	1/2 BPSK	1	104	13.67	13.79	13.78			
40	1/2 BPSK	50	0	13.66	13.78	13.71	14.5	0.0	
40	1/2 BPSK	50	28	13.68	13.71	13.69	14.5	0.0	
40	1/2 BPSK	50	56	13.76	13.75	13.70	14.5	0.0	
40	1/2 BPSK	100	0	13.74	13.78	13.71			
40	QPSK	1	1	13.71	13.85	13.80			
40	QPSK	1	53	13.75	13.80	13.77	14.5	0.0	
40	QPSK	1	104	13.75	13.72	13.71	14.5	0.0	
40	QPSK	50	0	13.67	13.78	13.70			
40	QPSK	50	28	13.70	13.82	13.72			
40	QPSK	50	56	13.70	13.81	13.75	14.5	0.0	
40	QPSK	100	0	13.68	13.81	13.79			
40	16QAM	1	1	13.67	13.72	13.76	14.5	0.0	
40	64QAM	1	1	13.70	13.80	13.78	14.5	0.0	
40	256QAM	1	1	13.76	13.73	13.75	14.5	0.0	
Channel				517002	519000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	13.61	13.72	13.64	14.5	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	13.57	13.68	13.71	14.5	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	13.66	13.74	13.65	14.5	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	13.60	13.70	13.65	14.5	0.0	
Channel				516004	516000	522996			
Frequency (MHz)				2573.02	2595	2614.98			
10	QPSK	1	1	13.60	13.67	13.73	14.5	0.0	

n41 Ant5 DSI1									
BW (MHz)	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	518596	528090			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	13.10	13.10	13.02	14.1	0.0	
100	1/2 BPSK	1	137	13.05	13.10	13.07			
100	1/2 BPSK	1	271	13.09	13.10	13.05			
100	1/2 BPSK	135	0	13.11	13.08	13.10	14.1	0.0	
100	1/2 BPSK	135	69	13.11	13.10	13.02	14.1	0.0	
100	1/2 BPSK	135	138	13.07	13.17	13.07	14.1	0.0	
100	1/2 BPSK	270	0	13.09	13.10	13.06			
100	QPSK	1	1	13.10	13.13	13.04			
100	QPSK	137	130	13.01	13.10	13.10	14.1	0.0	
100	QPSK	1	271	13.01	13.07	13.02	14.1	0.0	
100	QPSK	135	0	13.09	13.08	13.11			
100	QPSK	135	69	13.11	13.13	13.06			
100	QPSK	135	138	13.03	13.10	13.12	14.1	0.0	
100	QPSK	270	0	13.04	13.16	13.08			
100	16QAM	1	1	13.03	13.13	13.08	14.1	0.0	
100	64QAM	1	1	13.06	13.17	13.06	14.1	0.0	
100	256QAM	1	1	13.01	13.15	13.02	14.1	0.0	
Channel				508200	518596	529996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	13.01	13.06	12.89	14.1	0.0	
Channel				507204	518596	529996			
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	13.05	13.06	12.99	14.1	0.0	
Channel				520200	518596	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	13.04	13.10	12.93	14.1	0.0	
Channel				505200	518596	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	12.95	13.00	12.95	14.1	0.0	
Channel				520200	518596	532996			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	12.94	13.03	12.89	14.1	0.0	
Channel				503700	518596	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	12.97	13.11	12.91	14.1	0.0	
Channel				520200	518596	533996			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	13.05	13.07	12.99	14.1	0.0	
Channel				502704	518596	534496			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	13.03	13.04	12.99	14.1	0.0	
Channel				502200	518596	533996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	12.94	13.04	12.94	14.1	0.0	
Channel				501702	518596	533500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	13.05	13.09	12.92	14.1	0.0	
Channel				501204	518596	533996			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	13.05	13.00	12.95	14.1	0.0	
Channel				500700	518596	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	13.03	13.10	12.89	14.1	0.0	
Channel				500202	518596	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	13.03	13.03	12.97	14.1	0.0	

Part270 n77 Ant5 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq. Ch.	Power Middle Ch. / Freq. Ch.	Power High Ch. / Freq. Ch.	Tune-up limit (dBm)		
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	14.38	14.46	14.46	15.8	0.0	
100	1/2 BPSK	1	137	14.33	14.49	14.42			
100	1/2 BPSK	1	271	14.36	14.41	14.44			
100	1/2 BPSK	135	0	14.35	14.43	14.43	15.8	0.0	
100	1/2 BPSK	135	69	14.33	14.51	14.37	15.8	0.0	
100	1/2 BPSK	135	138	14.40	14.45	14.45	15.8	0.0	
100	1/2 BPSK	270	0	14.42	14.39	14.38			
100	QPSK	1	1	14.35	14.53	14.48			
100	QPSK	1	137	14.40	14.49	14.47	15.8	0.0	
100	QPSK	1	271	14.33	14.47	14.48	15.8	0.0	
100	QPSK	135	0	14.32	14.41	14.38			
100	QPSK	135	69	14.34	14.46	14.44			
100	QPSK	135	138	14.36	14.41	14.44	15.8	0.0	
100	QPSK	270	0	14.34	14.47	14.46			
100	16QAM	1	1	14.34	14.41	14.46	15.8	0.0	
100	64QAM	1	1	14.35	14.48	14.40	15.8	0.0	
100	256QAM	1	1	14.31	14.44	14.44	15.8	0.0	
Channel				648668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	14.30	14.34	14.41	15.8	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	14.22	14.29	14.35	15.8	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	14.20	14.31	14.42	15.8	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	14.31	14.31	14.36	15.8	0.0	
Channel				649334	656000	662334			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	14.30	14.27	14.35	15.8	0.0	
Channel				648300	656000	664200			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	14.25	14.32	14.40	15.8	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	14.24	14.33	14.43	15.8	0.0	
Channel				647168	656000	664500			
Frequency (MHz)				3712.5	3840	397.5			
25	QPSK	1	1	14.30	14.27	14.42	15.8	0.0	
Channel				647334	656000	664268			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	14.22	14.35	14.43	15.8	0.0	
Channel				647168	656000	664384			
Frequency (MHz)				3707.5	3840	3972.51			
15	QPSK	1	1	14.30	14.30	14.36	15.8	0.0	
Channel				647300	656000	664500			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	14.20	14.32	14.36	15.8	0.0	

Part27Q n77 Ant5 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				633334					
100	1/2 BPSK	1	1		14.21				
100	1/2 BPSK	1	137		14.15		15.8	0.0	
100	1/2 BPSK	1	271		14.14				
100	1/2 BPSK	135	0		14.17		15.8	0.0	
100	1/2 BPSK	135	69		14.21		15.8	0.0	
100	1/2 BPSK	135	138		14.23				
100	1/2 BPSK	270	0		14.20		15.8	0.0	
100	QPSK	1	1		14.25				
100	QPSK	1	137		14.19		15.8	0.0	
100	QPSK	1	271		14.18				
100	QPSK	135	0		14.20		15.8	0.0	
100	QPSK	135	69		14.21		15.8	0.0	
100	QPSK	135	138		14.15				
100	QPSK	270	0		14.18		15.8	0.0	
100	16QAM	1	1		14.14		15.8	0.0	
100	64QAM	1	1		14.20		15.8	0.0	
100	256QAM	1	1		14.13		15.8	0.0	
Channel				633000	633334	633668	up	MPR	(dB)
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	14.11	14.01	14.03	15.8	0.0	
Channel				632668	633334	634000	up	MPR	(dB)
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	14.09	14.04	14.10	15.8	0.0	
Channel				632334	633334	634334	up	MPR	(dB)
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	14.07	14.05	14.05	15.8	0.0	
Channel				632000	633334	634668	up	MPR	(dB)
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	14.01	14.10	14.01	15.8	0.0	
Channel				631668	633334	635000	up	MPR	(dB)
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1	14.01	14.02	14.10	15.8	0.0	
Channel				631334	633334	635334	up	MPR	(dB)
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	14.01	14.08	14.10	15.8	0.0	
Channel				631000	633334	635668	up	MPR	(dB)
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1	14.07	14.00	14.07	15.8	0.0	
Channel				630834	633334	635834	up	MPR	(dB)
Frequency (MHz)				3462.51	3500.01	3537.51 <th>up</th> <th>(dB)</th> <th></th>	up	(dB)	
25	QPSK	1	1	14.08	14.08	14.09	15.8	0.0	
Channel				630668	633334	636000	up	MPR	(dB)
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	14.09	14.03	14.03	15.8	0.0	
Channel				630500	633334	636168	up	MPR	(dB)
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	14.09	14.00	14.08	15.8	0.0	
Channel				630334	633334	636334	up	MPR	(dB)
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1	14.04	14.01	14.03	15.8	0.0	

Part27Q n77 PC2 Ant5 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel					633334				
Frequency (MHz)					3500.01				
100	1/2 BPSK	1	1		17.21				
100	1/2 BPSK	1	137		17.11		18.8	0.0	
100	1/2 BPSK	1	271		17.10				
100	1/2 BPSK	135	0		17.13		18.8	0.0	
100	1/2 BPSK	135	69		17.26		18.8	0.0	
100	1/2 BPSK	135	138		17.22				
100	1/2 BPSK	270	0		17.19		18.8	0.0	
100	QPSK	1	1		17.27				
100	QPSK	1	137		17.19		18.8	0.0	
100	QPSK	1	271		17.12				
100	QPSK	135	0		17.14		18.8	0.0	
100	QPSK	135	69		17.25		18.8	0.0	
100	QPSK	135	138		17.20				
100	QPSK	270	0		17.19		18.8	0.0	
100	16QAM	1	1		17.16		18.8	0.0	
100	64QAM	1	1		17.18		18.8	0.0	
100	256QAM	1	1		17.13		18.8	0.0	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	17.16	17.17	17.12	18.8	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	17.10	17.09	17.05	18.8	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	17.17	17.15	17.09	18.8	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	17.14	17.10	17.15	18.8	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	17.09	17.08	17.16	18.8	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	17.17	17.13	17.14	18.8	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	17.10	17.11	17.14	18.8	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	17.08	17.07	17.18	18.8	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	17.09	17.17	17.13	18.8	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	17.17	17.10	17.11	18.8	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	17.08	17.17	17.10	18.8	0.0	

Part27O n78 Ant5 DSI1									
BW	Modulat	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR	
				Channel					
				Frequency (MHz)					
100	1/2 BPSK	1	1		14.31				
100	1/2 BPSK	1	137		14.31		15.5	0.0	
100	1/2 BPSK	1	271		14.31				
100	1/2 BPSK	135	0		14.33		15.5	0.0	
100	1/2 BPSK	135	69		14.34		15.5	0.0	
100	1/2 BPSK	135	138		14.34				
100	1/2 BPSK	270	0		14.36		15.5	0.0	
100	QPSK	1	1		14.39				
100	QPSK	1	137		14.35		15.5	0.0	
100	QPSK	1	271		14.31				
100	QPSK	135	0		14.30		15.5	0.0	
100	QPSK	135	69		14.33		15.5	0.0	
100	QPSK	135	138		14.30				
100	QPSK	270	0		14.38		15.5	0.0	
100	16QAM	1	1		14.30		15.5	0.0	
100	64QAM	1	1		14.30		15.5	0.0	
100	256QAM	1	1		14.36		15.5	0.0	
				Channel		649668	650000	650334	MPR
				Frequency (MHz)		3745.02	3750	3755.01	up (dB)
90	QPSK	1	1	14.30	14.26	14.31	15.5	0.0	
				Channel		649334	650000	650668	MPR
				Frequency (MHz)		3740.01	3750	3760.02	up (dB)
80	QPSK	1	1	14.32	14.33	14.30	15.5	0.0	
				Channel		649000	650000	651000	MPR
				Frequency (MHz)		3735	3750	3765	up (dB)
70	QPSK	1	1	14.26	14.23	14.26	15.5	0.0	
				Channel		648668	650000	651334	MPR
				Frequency (MHz)		3730.02	3750	3770.01	up (dB)
60	QPSK	1	1	14.28	14.21	14.24	15.5	0.0	
				Channel		648334	650000	651668	MPR
				Frequency (MHz)		3725.01	3750	3775.02	up (dB)
50	QPSK	1	1	14.31	14.25	14.21	15.5	0.0	
				Channel		648000	650000	652000	MPR
				Frequency (MHz)		3720	3750	3760	up (dB)
40	QPSK	1	1	14.23	14.26	14.26	15.5	0.0	
				Channel		647668	650000	652334	MPR
				Frequency (MHz)		3715.02	3750	3785.01	up (dB)
30	QPSK	1	1	14.21	14.23	14.22	15.5	0.0	
				Channel		647500	650000	652500	MPR
				Frequency (MHz)		3712.5	3750	3787.5	up (dB)
25	QPSK	1	1	14.28	14.26	14.21	15.5	0.0	
				Channel		647334	650000	652668	MPR
				Frequency (MHz)		3710.01	3750	3790.02	up (dB)
20	QPSK	1	1	14.31	14.29	14.31	15.5	0.0	
				Channel		647168	650000	652834	MPR
				Frequency (MHz)		3707.5	3750	3792.51	up (dB)
15	QPSK	1	1	14.29	14.30	14.33	15.5	0.0	
				Channel		647000	650000	653000	MPR
				Frequency (MHz)		3705	3750	3795	up (dB)
10	QPSK	1	1	14.22	14.31	14.24	15.5	0.0	

Part27Q n78 Ant5 DSI1									
BW (MHz)	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	1/2 BPSK	1	1		13.98				
100	1/2 BPSK	1	137		13.94		15.5	0.0	
100	1/2 BPSK	1	271		14.01				
100	1/2 BPSK	135	0		14.01		15.5	0.0	
100	1/2 BPSK	135	69		13.95		15.5	0.0	
100	1/2 BPSK	135	138		13.94				
100	1/2 BPSK	270	0		13.99		15.5	0.0	
100	QPSK	1	1		14.05				
100	QPSK	1	137		14.04		15.5	0.0	
100	QPSK	1	271		13.96				
100	QPSK	135	0		14.09		15.5	0.0	
100	QPSK	135	69		14.01		15.5	0.0	
100	QPSK	135	138		13.98				
100	QPSK	270	0		13.93		15.5	0.0	
100	16QAM	1	1		13.95		15.5	0.0	
100	64QAM	1	1		13.94		15.5	0.0	
100	256QAM	1	1		13.95		15.5	0.0	
Channel				633000	633334	633668	tune-up	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	13.78	13.77	13.85	15.5	0.0	
Channel				632668	633334	634000	tune-up	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	13.87	13.77	13.75	15.5	0.0	
Channel				632334	633334	634334	tune-up	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	13.79	13.88	13.82	15.5	0.0	
Channel				632000	633334	634668	tune-up	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	13.85	13.75	13.77	15.5	0.0	
Channel				631668	633334	635000	tune-up	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	13.87	13.82	13.85	15.5	0.0	
Channel				631334	633334	635334	tune-up	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	13.88	13.82	13.84	15.5	0.0	
Channel				631000	633334	635668	tune-up	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	13.84	13.82	13.86	15.5	0.0	
Channel				630634	633334	635834	tune-up	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	13.79	13.77	13.80	15.5	0.0	
Channel				630268	633334	636000	tune-up	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	13.86	13.81	13.82	15.5	0.0	
Channel				630500	633334	636168	tune-up	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	13.83	13.86	13.78	15.5	0.0	
Channel				630134	633334	636334	tune-up	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	13.84	13.86	13.78	15.5	0.0	

Part27Q n78 PC2 Ant5 DSI1									
BW (MHz)	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	1/2 BPSK	1	1		16.96				
100	1/2 BPSK	1	137		16.90		18.5	0.0	
100	1/2 BPSK	1	271		16.97				
100	1/2 BPSK	135	0		17.00		18.5	0.0	
100	1/2 BPSK	135	69		16.99		18.5	0.0	
100	1/2 BPSK	135	138		16.99				
100	1/2 BPSK	270	0		17.04		18.5	0.0	
100	QPSK	1	1		17.09				
100	QPSK	1	137		17.07		18.5	0.0	
100	QPSK	1	271		16.92				
100	QPSK	135	0		17.03		18.5	0.0	
100	QPSK	135	69		17.06		18.5	0.0	
100	QPSK	135	138		16.93				
100	QPSK	270	0		16.99		18.5	0.0	
100	16QAM	1	1		16.98		18.5	0.0	
100	64QAM	1	1		16.99		18.5	0.0	
100	256QAM	1	1		16.94		18.5	0.0	
Channel				633000	633334	633668	tune-up	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	16.92	17.00	16.91	18.5	0.0	
Channel				632668	633334	634000	tune-up	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	17.02	16.98	16.98	18.5	0.0	
Channel				632334	633334	634334	tune-up	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	16.97	16.94	16.92	18.5	0.0	
Channel				632000	633334	634668	tune-up	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	16.99	16.99	16.91	18.5	0.0	
Channel				631668	633334	635000	tune-up	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	16.95	16.97	16.99	18.5	0.0	
Channel				631334	633334	635334	tune-up	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	17.00	16.94	16.92	18.5	0.0	
Channel				631000	633334	635668	tune-up	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	16.92	16.95	16.94	18.5	0.0	
Channel				630634	633334	635834	tune-up	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	17.02	17.01	16.98	18.5	0.0	
Channel				630268	633334	636000	tune-up	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	16.94	16.96	16.93	18.5	0.0	
Channel				630500	633334	636168	tune-up	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	16.93	16.94	17.03	18.5	0.0	
Channel				630134	633334	636334	tune-up	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	17.02	17.02	16.98	18.5	0.0	

n7 Ant4 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	17.00	17.03	17.05		18.2	0.0
50	1/2 BPSK	1	135	17.03	17.10	17.03			
50	1/2 BPSK	1	268	16.97	17.03	17.01			
50	1/2 BPSK	135	0	17.06	17.13	16.97	18.2	0.0	
50	1/2 BPSK	135	68	17.05	17.09	17.00	18.2	0.0	
50	1/2 BPSK	135	135	17.03	17.06	17.01	18.2	0.0	
50	1/2 BPSK	270	0	17.00	17.06	17.06			
50	QPSK	1	1	16.97	17.15	16.98		18.2	0.0
50	QPSK	1	135	16.98	17.10	16.98			
50	QPSK	1	268	16.97	17.03	16.98			
50	QPSK	135	0	17.07	17.05	16.99	18.2	0.0	
50	QPSK	135	68	17.03	17.10	17.02	18.2	0.0	
50	QPSK	135	135	16.96	17.03	16.96			
50	QPSK	270	0	17.02	17.09	17.01	18.2	0.0	
50	16QAM	1	1	17.03	17.14	17.04	18.2	0.0	
50	64QAM	1	1	17.03	17.07	17.03	18.2	0.0	
50	256QAM	1	1	16.99	17.14	17.05	18.2	0.0	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	16.83	17.04	16.88	18.2	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	16.86	17.01	16.91	18.2	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	16.90	17.00	16.94	18.2	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	16.91	17.01	16.90	18.2	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	16.85	17.00	16.83	18.2	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	16.81	17.02	16.87	18.2	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	16.91	17.09	16.90	18.2	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	16.82	16.97	16.85	18.2	0.0	

n66 Ant4 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	16.21	16.17	16.15		16.8	0.0
45	1/2 BPSK	1	120	16.22	16.22	16.11			
45	1/2 BPSK	1	240	16.20	16.26	16.11			
45	1/2 BPSK	120	0	16.16	16.22	16.15	16.8	0.0	
45	1/2 BPSK	120	60	16.14	16.21	16.18	16.8	0.0	
45	1/2 BPSK	120	120	16.16	16.26	16.14	16.8	0.0	
45	1/2 BPSK	240	0	16.24	16.26	16.10			
45	QPSK	1	1	16.22	16.28	16.21		16.8	0.0
45	QPSK	1	120	16.24	16.22	16.19			
45	QPSK	1	240	16.19	16.17	16.21			
45	QPSK	120	0	16.14	16.19	16.10	16.8	0.0	
45	QPSK	120	60	16.18	16.25	16.13	16.8	0.0	
45	QPSK	120	120	16.15	16.24	16.22			
45	QPSK	240	0	16.21	16.24	16.20	16.8	0.0	
45	16QAM	1	1	16.21	16.26	16.18	16.8	0.0	
45	64QAM	1	1	16.21	16.26	16.18	16.8	0.0	
45	256QAM	1	1	16.17	16.25	16.10	16.8	0.0	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	16.14	16.13	16.16	16.8	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	16.11	16.06	16.16	16.8	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	16.08	16.06	16.09	16.8	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	16.16	16.06	16.06	16.8	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	16.07	16.08	16.11	16.8	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	16.18	16.03	16.13	16.8	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	16.13	16.10	16.08	16.8	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	16.18	16.09	16.14	16.8	0.0	

n38 Ant4 DS11									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				518004	519000	519996			
Channel				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	17.84	17.90	17.80			
40	1/2 BPSK	1	53	17.85	17.84	17.82	19.2	0.0	
40	1/2 BPSK	1	104	17.89	17.91	17.80			
40	1/2 BPSK	50	0	17.84	17.91	17.85	19.2	0.0	
40	1/2 BPSK	50	26	17.84	17.87	17.85	19.2	0.0	
40	1/2 BPSK	50	56	17.88	17.87	17.79	19.2	0.0	
40	1/2 BPSK	100	0	17.83	17.82	17.84			
40	QPSK	1	1	17.88	17.95	17.78			
40	QPSK	1	53	17.89	17.88	17.85	19.2	0.0	
40	QPSK	1	104	17.83	17.88	17.85			
40	QPSK	50	0	17.86	17.87	17.78	19.2	0.0	
40	QPSK	50	26	17.90	17.93	17.75	19.2	0.0	
40	QPSK	50	56	17.83	17.90	17.78	19.2	0.0	
40	QPSK	100	0	17.80	17.87	17.81			
40	16QAM	1	1	17.85	17.88	17.80	19.2	0.0	
40	64QAM	1	1	17.87	17.88	17.80	19.2	0.0	
40	256QAM	1	1	17.92	17.85	17.72	19.2	0.0	
Channel				517002	518000	518998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	17.75	17.77	17.71	19.2	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	17.74	17.79	17.63	19.2	0.0	
Channel				515000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	17.83	17.83	17.72	19.2	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	17.81	17.80	17.73	19.2	0.0	
Channel				515004	519000	522506			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	17.80	17.78	17.70	19.2	0.0	

n41 Ant4 DS11									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				509002	518598	530000			
Channel				2545.01	2592.99	2640			
100	1/2 BPSK	1	1	16.69	16.81	16.74			
100	1/2 BPSK	1	137	16.69	16.69	16.78	18.2	0.0	
100	1/2 BPSK	1	271	16.64	16.80	16.71			
100	1/2 BPSK	135	0	16.61	16.77	16.67	18.2	0.0	
100	1/2 BPSK	135	69	16.60	16.81	16.86	18.2	0.0	
100	1/2 BPSK	135	138	16.72	16.77	16.74			
100	1/2 BPSK	270	0	16.60	16.73	16.78	18.2	0.0	
100	QPSK	1	1	16.71	16.85	16.72			
100	QPSK	1	137	16.66	16.73	16.68	18.2	0.0	
100	QPSK	1	271	16.69	16.74	16.68			
100	QPSK	135	0	16.65	16.76	16.75	18.2	0.0	
100	QPSK	135	69	16.69	16.81	16.74	18.2	0.0	
100	QPSK	135	138	16.68	16.70	16.78			
100	QPSK	270	0	16.65	16.78	16.87	18.2	0.0	
100	16QAM	1	1	16.70	16.79	16.73	18.2	0.0	
100	64QAM	1	1	16.61	16.73	16.68	18.2	0.0	
100	256QAM	1	1	16.70	16.74	16.73	18.2	0.0	
Channel				505000	518598	530998			
Frequency (MHz)				2541	2592.99	2644.99			
90	QPSK	1	1	16.56	16.58	16.65	18.2	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	16.65	16.61	16.61	18.2	0.0	
Channel				505002	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	16.59	16.62	16.64	18.2	0.0	
Channel				505000	518598	531998			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	16.56	16.57	16.68	18.2	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	16.67	16.64	16.61	18.2	0.0	
Channel				503700	518598	533498			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	16.55	16.58	16.57	18.2	0.0	
Channel				503002	518598	533000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	16.64	16.61	16.56	18.2	0.0	
Channel				502704	518598	534498			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	16.64	16.65	16.65	18.2	0.0	
Channel				502000	518598	533998			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	16.59	16.63	16.65	18.2	0.0	
Channel				501702	518598	535000			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	16.55	16.59	16.60	18.2	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	16.58	16.59	16.64	18.2	0.0	
Channel				500700	518598	536498			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	16.65	16.59	16.65	18.2	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	16.57	16.60	16.57	18.2	0.0	

n48 Ant4 DS11									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	19.17	19.19	19.08			
40	1/2 BPSK	1	53	19.15	19.20	19.01	20.5		0.0
40	1/2 BPSK	1	104	19.10	19.17	19.05			
40	1/2 BPSK	50	0	19.19	19.16	19.07	20.5		0.0
40	1/2 BPSK	50	26	19.10	19.13	19.03	20.5		0.0
40	1/2 BPSK	50	56	19.08	19.21	19.02			
40	1/2 BPSK	100	0	19.13	19.18	19.09	20.5		0.0
40	QPSK	1	1	19.10	19.25	19.06			
40	QPSK	1	53	19.09	19.20	19.04	20.5		0.0
40	QPSK	1	104	19.12	19.17	19.01			
40	QPSK	50	0	19.10	19.18	19.04	20.5		0.0
40	QPSK	50	26	19.16	19.23	19.04	20.5		0.0
40	QPSK	50	56	19.07	19.12	19.01			
40	QPSK	100	0	19.09	19.19	19.08	20.5		0.0
40	16QAM	1	1	19.07	19.15	19.01	20.5		0.0
40	64QAM	1	1	19.08	19.15	19.06	20.5		0.0
40	256QAM	1	1	19.16	19.21	19.00	20.5		0.5
Channel				631668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	18.99	19.16	18.97	20.5		0.0
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	18.97	19.11	18.93	20.5		0.0
Channel				631668	641666	645168			
Frequency (MHz)				3565.02	3624.99	3672.99 <th></th> <th colspan="2"></th>			
15	QPSK	1	1	18.97	19.13	18.93	20.5		0.0
Channel				637334	641666	645332 <th></th> <th colspan="2"></th>			
Frequency (MHz)				3565 <th>3624.99<th>3694.98</th><th></th><th colspan="2"></th></th>	3624.99 <th>3694.98</th> <th></th> <th colspan="2"></th>	3694.98			
10	QPSK	1	1	19.04	19.05	19.01	20.5		0.0

Part270 n77 PC2 Ant4 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	22.87	22.81	22.86			
100	1/2 BPSK	1	137	22.85	22.90	22.82	23.0	0.0	
100	1/2 BPSK	1	271	22.80	22.89	22.76			
100	1/2 BPSK	135	0	22.84	22.84	22.76	23.0	0.0	
100	1/2 BPSK	135	69	22.87	22.85	22.77	23.0	0.0	
100	1/2 BPSK	135	138	22.79	22.88	22.85		23.0	0.0
100	1/2 BPSK	270	0	22.77	22.85	22.80	23.0		0.0
100	QPSK	1	1	22.75	22.95	22.87			
100	QPSK	1	137	22.81	22.92	22.79	23.0		0.0
100	QPSK	1	271	22.73	22.93	22.82			
100	QPSK	135	0	22.77	22.87	22.96	23.0	0.0	
100	QPSK	135	69	22.72	22.92	22.78	23.0	0.0	
100	QPSK	135	138	22.81	22.83	22.79		23.0	0.0
100	QPSK	270	0	22.72	22.91	22.83	23.0		0.0
100	16QAM	1	1	22.77	22.84	22.77	23.0		0.0
100	64QAM	1	1	22.79	22.82	22.75	23.0		0.0
100	256QAM	1	1	22.81	22.90	22.76	23.0		0.0
Channel				648668	650000	652334	MPR up (dB)		
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.70	22.90	22.75	23.0		0.0
Channel				649334	650000	652668	MPR up (dB)		
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	22.66	22.86	22.73	23.0		0.0
Channel				649200	650000	653500	MPR up (dB)		
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.61	22.84	22.75	23.0		0.0
Channel				648668	650000	663334	MPR up (dB)		
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	22.68	22.80	22.77	23.0		0.0
Channel				648334	650000	663668	MPR up (dB)		
Frequency (MHz)				3725.01	3840	3965.02			
50	QPSK	1	1	22.67	22.79	22.75	23.0		0.0
Channel				648000	650000	664000	MPR up (dB)		
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	22.70	22.83	22.76	23.0		0.0
Channel				647500	650000	664500	MPR up (dB)		
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	22.60	22.81	22.73	23.0		0.0
Channel				647500	650000	664500	MPR up (dB)		
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	22.65	22.81	22.76	23.0		0.0
Channel				647250	650000	664334	MPR up (dB)		
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.70	22.87	22.77	23.0		0.0
Channel				647168	650000	664834	MPR up (dB)		
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.70	22.84	22.72	23.0		0.0
Channel				647000	650000	665000	MPR up (dB)		
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.71	22.87	22.76	23.0		0.0

Part27Q n77 Ant4 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		19.05				
100	1/2 BPSK	1	137		19.03		19.5	0.0	
100	1/2 BPSK	1	271		19.04				
100	1/2 BPSK	135	0		18.98		19.5	0.0	
100	1/2 BPSK	135	69		18.95		19.5	0.0	
100	1/2 BPSK	135	138		19.06				
100	1/2 BPSK	270	0		19.03		19.5	0.0	
100	QPSK	1	1		19.07				
100	QPSK	1	137		19.05		19.5	0.0	
100	QPSK	1	271		18.99				
100	QPSK	135	0		19.00		19.5	0.0	
100	QPSK	135	69		19.01		19.5	0.0	
100	QPSK	135	138		18.97		19.5	0.0	
100	QPSK	270	0		19.00		19.5	0.0	
100	16QAM	1	1		19.05		19.5	0.0	
100	64QAM	1	1		18.94		19.5	0.0	
100	256QAM	1	1		19.05		19.5	0.0	
Channel				633000	633334	633668	MPR up (dB)		
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	18.98	18.89	18.91	19.5	0.0	
Channel				632668	633334	634000	MPR up (dB)		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	18.94	18.89	18.95	19.5	0.0	
Channel				632334	633334	634334	MPR up (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	18.89	18.98	18.97	19.5	0.0	
Channel				632000	633334	634668	MPR up (dB)		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.99	18.96	18.94	19.5	0.0	
Channel				631668	633334	635000	MPR up (dB)		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	18.92	18.91	18.96	19.5	0.0	
Channel				631334	633334	635334	MPR up (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.96	18.90	18.97	19.5	0.0	
Channel				631000	633334	635668	MPR up (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	18.96	18.91	18.95	19.5	0.0	
Channel				630834	633334	635834	MPR up (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	18.94	18.96	18.92	19.5	0.0	
Channel				630668	633334	636000	MPR up (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	18.93	18.96	18.91	19.5	0.0	
Channel				630500	633334	636168	MPR up (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	18.91	18.97	18.90	19.5	0.0	
Channel				630334	633334	636334	MPR up (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	18.97	18.91	18.95	19.5	0.0	

Part27Q n77 PC2 Ant4 DSI1									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit [dBm]	MPR [dB]	
Channel									
Frequency (MHz)				3300.01					
100	1/2 BPSK	1	1		22.49				
100	1/2 BPSK	1	137		22.57		23.0	0.0	
100	1/2 BPSK	1	271		22.55				
100	1/2 BPSK	135	0		22.52		23.0	0.0	
100	1/2 BPSK	135	69		22.46		23.0	0.0	
100	1/2 BPSK	135	138		22.61				
100	1/2 BPSK	270	0		22.58		23.0	0.0	
100	QPSK	1	1		22.62				
100	QPSK	1	137		22.51		23.0	0.0	
100	QPSK	1	271		22.51				
100	QPSK	135	0		22.55		23.0	0.0	
100	QPSK	135	69		22.56		23.0	0.0	
100	QPSK	135	138		22.51				
100	QPSK	270	0		22.47		23.0	0.0	
100	16QAM	1	1		22.51		23.0	0.0	
100	64QAM	1	1		22.41		23.0	0.0	
100	256QAM	1	1		22.59				
Channel				3300.01					
Frequency (MHz)				33490.01					
90	QPSK	1	1	22.56	22.56	22.51	23.0	0.0	
Channel				63266.01					
Frequency (MHz)				3490.02					
80	QPSK	1	1	22.57	22.49	22.51	23.0	0.0	
Channel				63231.01					
Frequency (MHz)				3485.01					
70	QPSK	1	1	22.56	22.47	22.55	23.0	0.0	
Channel				63200.01					
Frequency (MHz)				3490.01					
60	QPSK	1	1	22.54	22.54	22.50	23.0	0.0	
Channel				63168.01					
Frequency (MHz)				3476.02					
50	QPSK	1	1	22.54	22.49	22.57	23.0	0.0	
Channel				63134.01					
Frequency (MHz)				3470.01					
40	QPSK	1	1	22.55	22.49	22.52	23.0	0.0	
Channel				63109.01					
Frequency (MHz)				3465.00					
30	QPSK	1	1	22.48	22.51	22.52	23.0	0.0	
Channel				63084.01					
Frequency (MHz)				3462.51					
25	QPSK	1	1	22.53	22.50	22.58	23.0	0.0	
Channel				63068.01					
Frequency (MHz)				3460.22					
20	QPSK	1	1	22.52	22.50	22.46	23.0	0.0	
Channel				63050.01					
Frequency (MHz)				3457.34					
15	QPSK	1	1	22.58	22.50	22.49	23.0	0.0	
Channel				63034.01					
Frequency (MHz)				3455.01					
10	QPSK	1	1	22.49	22.55	22.49	23.0	0.0	

Part270 n78 PC2 Ant4 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1		22.87				
100	1/2 BPS	1	137		22.71		23.0	0.0	
100	1/2 BPS	1	271		22.79				
100	1/2 BPS	135	0		22.83		23.0	0.0	
100	1/2 BPS	135	69		22.75		23.0	0.0	
100	1/2 BPS	135	138		22.73				
100	1/2 BPS	270	0		22.80		23.0	0.0	
100	QPSK	1	1		22.95				
100	QPSK	1	137		22.82		23.0	0.0	
100	QPSK	1	271		22.77				
100	QPSK	135	0		22.78		23.0	0.0	
100	QPSK	135	69		22.91		23.0	0.0	
100	QPSK	135	138		22.88				
100	QPSK	270	0		22.70		23.0	0.0	
100	16QAM	1	1		22.81		23.0	0.0	
100	64QAM	1	1		22.85		23.0	0.0	
100	256QAM	1	1		22.84		23.0	0.0	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1		22.83	22.89	22.91	23.0	0.0
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1		22.87	22.86	22.86	23.0	0.0
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1		22.81	22.89	22.80	23.0	0.0
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1		22.82	22.88	22.90	23.0	0.0
Channel				649334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1		22.84	22.88	22.91	23.0	0.0
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1		22.82	22.84	22.82	23.0	0.0
Channel				647668	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1		22.85	22.83	22.81	23.0	0.0
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1		22.83	22.84	22.81	23.0	0.0
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1		22.80	22.83	22.88	23.0	0.0
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1		22.86	22.88	22.91	23.0	0.0
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1		22.84	22.85	22.90	23.0	0.0

Part27Q n78 Ant4 DSI1									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		19.08				
100	1/2 BPS	1	137		19.05		19.5	0.0	
100	1/2 BPS	1	271		19.13				
100	1/2 BPS	135	0		19.11		19.5	0.0	
100	1/2 BPS	135	69		19.05		19.5	0.0	
100	1/2 BPS	135	138		19.08				
100	1/2 BPS	270	0		19.14		19.5	0.0	
100	QPSK	1	1		19.15				
100	QPSK	1	137		19.07		19.5	0.0	
100	QPSK	1	271		19.14				
100	QPSK	135	0		19.10		19.5	0.0	
100	QPSK	135	69		19.14		19.5	0.0	
100	QPSK	135	138		19.06				
100	QPSK	270	0		19.15		19.5	0.0	
100	16QAM	1	1		19.13		19.5	0.0	
100	64QAM	1	1		19.10		19.5	0.0	
100	256QAM	1	1		19.06		19.5	0.0	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1		19.03	18.96	19.03	19.5	0.0
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1		19.00	19.04	19.01	19.5	0.0
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1		19.02	18.96	18.94	19.5	0.0
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1		18.95	18.94	18.96	19.5	0.0
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1		18.95	18.97	18.93	19.5	0.0
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1		19.02	18.94	19.01	19.5	0.0
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1		18.94	19.02	18.96	19.5	0.0
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1		19.00	18.97	18.98	19.5	0.0
Channel				630668	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1		19.05	18.99	19.03	19.5	0.0
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1		18.96	19.05	18.96	19.5	0.0
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1		18.96	18.98	19.02	19.5	0.0

Part27Q n78 PC2 Ant4 DS1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		22.53				
100	1/2 BPS	1	137		22.58		23.0	0.0	
100	1/2 BPS	1	271		22.57				
100	1/2 BPS	135	0		22.56		23.0	0.0	
100	1/2 BPS	135	69		22.57		23.0	0.0	
100	1/2 BPS	135	138		22.55				
100	1/2 BPS	270	0		22.59		23.0	0.0	
100	QPSK	1	1		22.70				
100	QPSK	1	137		22.54		23.0	0.0	
100	QPSK	1	271		22.69				
100	QPSK	135	0		22.63		23.0	0.0	
100	QPSK	135	69		22.66		23.0	0.0	
100	QPSK	135	138		22.54				
100	QPSK	270	0		22.66		23.0	0.0	
100	16QAM	1	1		22.63		23.0	0.0	
100	64QAM	1	1		22.57		23.0	0.0	
100	256QAM	1	1		22.59		23.0	0.0	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1		22.58	22.63	22.55	23.0	0.0
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1		22.66	22.54	22.63	23.0	0.0
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1		22.59	22.60	22.61	23.0	0.0
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1		22.66	22.66	22.56	23.0	0.0
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525.03	up	(dB)	
50	QPSK	1	1		22.57	22.56	22.56	23.0	0.0
Channel				631334	633334	633334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1		22.65	22.60	22.64	23.0	0.0
Channel				631000	633334	633668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1		22.55	22.64	22.64	23.0	0.0
Channel				630834	633334	633834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1		22.65	22.57	22.54	23.0	0.0
Channel				630668	633334	633668	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1		22.58	22.63	22.63	23.0	0.0
Channel				630500	633334	633668	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1		22.57	22.55	22.63	23.0	0.0
Channel				630334	633334	633334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1		22.57	22.57	22.56	23.0	0.0

n7 Ant6 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	25.17	25.22	25.18	25.5	0.0	
50	1/2 BPSK	1	135	25.17	25.17	25.19			
50	1/2 BPSK	1	268	25.14	25.15	25.20			
50	1/2 BPSK	135	0	24.70	24.80	24.71	25.0	0.5	
50	1/2 BPSK	135	68	25.10	25.21	25.13	25.5	0.0	
50	1/2 BPSK	135	135	24.70	24.81	24.78			
50	1/2 BPSK	270	0	24.75	24.76	24.71	25.0	0.5	
50	QPSK	1	1	25.23	25.25	25.22			
50	QPSK	1	135	25.13	25.11	25.20	25.5	0.0	
50	QPSK	1	268	25.19	25.13	25.15			
50	QPSK	135	0	24.19	24.26	24.25	24.5	1.0	
50	QPSK	135	68	25.14	25.20	25.12	25.5	0.0	
50	QPSK	135	135	24.21	24.25	24.20			
50	QPSK	270	0	24.26	24.27	24.20	24.5	1.0	
50	16QAM	1	1	24.27	24.24	24.28	24.5	1.0	
50	64QAM	1	1	22.77	22.71	22.68	23.0	2.5	
50	256QAM	1	1	20.70	20.76	20.77	21.0	4.5	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	25.10	25.15	25.15	25.5	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	25.13	25.19	25.13	25.5	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	25.16	25.21	25.12	25.5	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	25.17	25.22	25.09	25.5	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	25.12	25.20	25.18	25.5	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	25.15	25.21	25.18	25.5	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	25.19	25.13	25.18	25.5	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	25.16	25.15	25.19	25.5	0.0	

n66 Ant6 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	24.87	24.96	24.84			
45	1/2 BPSK	1	120	24.89	24.92	24.87	25.5	0.0	
45	1/2 BPSK	1	240	24.88	24.94	24.96			
45	1/2 BPSK	120	0	24.41	24.46	24.46	25.0	0.5	
45	1/2 BPSK	120	60	24.89	24.90	24.90	25.5	0.0	
45	1/2 BPSK	120	120	24.48	24.50	24.45	25.0	0.5	
45	1/2 BPSK	240	0	24.44	24.47	24.53			
45	QPSK	1	1	24.93	25.01	24.98			
45	QPSK	1	120	24.88	24.95	24.88	25.5	0.0	
45	QPSK	1	240	24.81	24.96	24.94			
45	QPSK	120	0	23.87	23.97	24.02	24.5	1.0	
45	QPSK	120	60	24.82	24.97	24.90	25.5	0.0	
45	QPSK	120	120	23.92	24.01	23.96			
45	QPSK	240	0	23.90	24.04	24.01	24.5	1.0	
45	16QAM	1	1	23.95	23.99	23.93	24.5	1.0	
45	64QAM	1	1	22.41	22.50	22.54	23.0	2.5	
45	256QAM	1	1	20.40	20.51	20.52	21.0	4.5	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	24.80	24.96	24.85	25.5	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	24.80	24.91	24.95	25.5	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	24.88	24.95	24.94	25.5	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	24.84	24.95	24.86	25.5	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	24.80	24.90	24.89	25.5	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	24.87	24.89	24.90	25.5	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	24.85	24.93	24.93	25.5	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	24.89	24.98	24.87	25.5	0.0	

n38 Ant6 DS11									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				518004	519000	519996			
Channel				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	24.98	24.99	24.96			
40	1/2 BPSK	1	53	25.03	25.00	24.96	25.5	0.0	
40	1/2 BPSK	1	104	24.96	25.05	24.95			
40	1/2 BPSK	50	0	24.56	24.55	24.54	25.0	0.5	
40	1/2 BPSK	50	26	24.96	25.02	24.99	25.5	0.0	
40	1/2 BPSK	50	56	24.59	24.61	24.51			
40	1/2 BPSK	100	0	24.59	24.60	24.53	25.0	0.5	
40	QPSK	1	1	25.08	25.10	25.06			
40	QPSK	1	53	24.99	24.99	24.98	25.5	0.0	
40	QPSK	1	104	25.01	25.07	25.00			
40	QPSK	50	0	24.10	24.07	24.05	24.5	1.0	
40	QPSK	50	26	25.03	25.07	24.96	25.5	0.0	
40	QPSK	50	56	24.07	24.11	24.01			
40	QPSK	100	0	24.12	24.13	24.10	24.5	1.0	
40	16QAM	1	1	24.05	24.09	24.06	24.5	1.0	
40	64QAM	1	1	22.59	22.62	22.52	23.0	2.5	
40	256QAM	1	1	20.64	20.60	20.51	21.0	4.5	
Channel				517002	518000	518998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	25.05	25.07	25.02	25.5	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	25.05	24.98	25.02	25.5	0.0	
Channel				511000	512000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	24.99	25.02	25.01	25.5	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	25.02	25.04	25.02	25.5	0.0	
Channel				515004	519000	522500			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	25.02	24.97	24.97	25.5	0.0	

n41 Ant6 DS11									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				5250.02	516598	526000			
Channel				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	24.93	24.93	24.87			
100	1/2 BPSK	1	137	25.04	24.91	24.96	25.5	0.0	
100	1/2 BPSK	1	271	24.93	24.98	24.92			
100	1/2 BPSK	135	0	24.55	24.49	24.48	25.0	0.5	
100	1/2 BPSK	135	69	24.97	25.00	24.94	25.5	0.0	
100	1/2 BPSK	135	138	24.53	24.54	24.46			
100	1/2 BPSK	270	0	24.61	24.54	24.51	25.0	0.5	
100	QPSK	1	1	25.09	25.13	24.97			
100	QPSK	1	137	24.90	24.94	24.96	25.5	0.0	
100	QPSK	1	271	24.93	25.04	24.99			
100	QPSK	135	0	24.04	24.02	24.06	24.5	1.0	
100	QPSK	135	69	24.98	25.09	24.93	25.5	0.0	
100	QPSK	135	138	24.05	24.06	23.92			
100	QPSK	270	0	24.11	24.16	24.06	24.5	1.0	
100	16QAM	1	1	24.01	24.11	24.06	24.5	1.0	
100	64QAM	1	1	22.56	22.63	22.54	23.0	2.5	
100	256QAM	1	1	20.63	20.56	20.49	21.0	4.5	
Channel				505000	518598	520500			
Frequency (MHz)				2541	2592.99	2644.99			
90	QPSK	1	1	25.04	25.05	24.93	25.5	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	25.05	25.00	24.91	25.5	0.0	
Channel				505002	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	25.02	25.01	24.91	25.5	0.0	
Channel				505000	518598	531998			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	24.98	25.10	24.87	25.5	0.0	
Channel				504204	518598	532000			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	25.03	25.07	24.86	25.5	0.0	
Channel				503700	518598	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	25.02	25.07	24.92	25.5	0.0	
Channel				503002	518598	533000			
Frequency (MHz)				2516.01	2592.98	2670			
40	QPSK	1	1	25.00	25.06	24.94	25.5	0.0	
Channel				502704	518598	534498			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	24.97	25.08	24.87	25.5	0.0	
Channel				502200	518598	533998			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	25.02	24.99	24.88	25.5	0.0	
Channel				501702	518598	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	24.98	25.07	24.93	25.5	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	25.06	25.05	24.92	25.5	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	24.97	25.01	24.89	25.5	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	25.06	25.01	24.89	25.5	0.0	

n48 Ant6 DS11									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				638000	641666	645332			
Channel				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	22.04	22.02	22.05			
40	1/2 BPSK	1	53	22.07	22.10	22.01	23.6	0.0	
40	1/2 BPSK	1	104	22.01	22.04	22.03			
40	1/2 BPSK	50	0	21.62	21.65	21.60	23.1	0.5	
40	1/2 BPSK	50	26	22.05	22.01	21.94	23.6	0.0	
40	1/2 BPSK	50	56	21.57	21.62	21.61			
40	1/2 BPSK	100	0	21.61	21.68	21.59	23.1	0.5	
40	QPSK	1	1	22.09	22.15	22.08			
40	QPSK	1	53	21.97	22.03	21.99	23.6	0.0	
40	QPSK	1	104	22.03	22.11	22.03			
40	QPSK	50	0	21.13	21.21	21.04	22.6	1.0	
40	QPSK	50	26	22.00	22.11	22.03	23.6	0.0	
40	QPSK	50	56	21.09	21.14	21.08			
40	QPSK	100	0	21.11	21.18	21.06	22.6	1.0	
40	16QAM	1	1	21.04	21.15	21.13	22.6	1.0	
40	64QAM	1	1	19.63	19.67	19.59	21.1	2.5	
40	256QAM	1	1	17.62	17.65	17.60	19.1	4.5	
Channel				631668	641666	645566			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	21.95	22.01	22.02	23.6	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	21.98	22.07	21.94	23.6	0.0	
Channel				637100	641666	647100			
Frequency (MHz)				3557.52	3624.99	3692.49			
15	QPSK	1	1	21.95	22.13	21.97	23.6	0.0	
Channel				637000	641666	646332			
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	21.98	22.03	22.03	23.6	0.0	

Part270 n77 Ant6 DS11									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune- up Mode	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	23.97	24.09	23.83			
100	1/2 BPSK	1	137	23.99	24.12	23.92	25.3	0.0	
100	1/2 BPSK	1	271	23.97	24.01	23.91			
100	1/2 BPSK	135	0	23.48	23.65	23.43	24.8	0.5	
100	1/2 BPSK	135	69	23.97	24.07	23.91	25.3	0.0	
100	1/2 BPSK	135	138	23.54	23.69	23.50		24.8	0.5
100	QPSK	1	270	23.99	24.12	23.92			
100	QPSK	1	1	24.04	24.15	23.95			
100	QPSK	1	137	23.99	24.06	23.91	25.3	0.0	
100	QPSK	1	271	23.95	24.08	23.90			
100	QPSK	135	0	23.05	23.17	22.96	24.3	1.0	
100	QPSK	135	69	24.04	24.15	23.96	25.3	0.0	
100	QPSK	135	138	23.04	23.15	22.95		24.3	1.0
100	QPSK	270	0	23.10	23.20	23.00			
100	16QAM	1	1	23.07	23.16	22.93	24.3	1.0	
100	64QAM	1	1	21.59	21.70	21.48	24.8	2.5	
100	256QAM	1	1	19.51	19.61	19.50	20.8	4.5	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
90	QPSK	1	1	23.91	24.02	23.80	25.3	0.0	
Channel				649334	655000	660666			
Frequency (MHz)				3740	3840	3940			
80	QPSK	1	1	23.99	24.11	23.92	25.3	0.0	
Channel				649666	655000	660334			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	23.95	24.10	23.90	25.3	0.0	
Channel				648666	655000	663334			
Frequency (MHz)				3730	3840	3950			
60	QPSK	1	1	23.86	24.09	23.88	25.3	0.0	
Channel				648000	655000	663000			
Frequency (MHz)				3728	3840	3955			
50	QPSK	1	1	23.92	24.02	23.86	25.3	0.0	
Channel				648000	655000	663400			
Frequency (MHz)				3730	3840	3960			
40	QPSK	1	1	23.91	24.01	23.80	25.3	0.0	
Channel				647668	655000	663434			
Frequency (MHz)				3735	3840	3965			
30	QPSK	1	1	23.93	24.07	23.87	25.3	0.0	
Channel				646666	655000	664500			
Frequency (MHz)				3712.5	3840	3957.5			
25	QPSK	1	1	23.98	24.16	23.88	25.3	0.0	
Channel				647334	655000	664666			
Frequency (MHz)				3710	3840	3970			
20	QPSK	1	1	23.99	24.06	23.88	25.3	0.0	
Channel				647168	655000	664834			
Frequency (MHz)				3707.5	3840	3972.5			
15	QPSK	1	1	24.00	24.11	23.92	25.3	0.0	
Channel				647000	655000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	23.91	24.11	23.91	25.3	0.0	

Part270 n77 PC2 Ant6 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	25.97	26.08	25.77			
100	1/2 BPSK	1	137	25.97	26.08	25.96	27.3	0.0	
100	1/2 BPSK	1	271	26.01	26.07	25.90			
100	1/2 BPSK	135	0	25.45	25.61	25.41	26.8	0.5	
100	1/2 BPSK	135	69	26.00	26.10	25.93	27.3	0.0	
100	1/2 BPSK	135	138	25.60	25.63	25.53		26.8	0.5
100	1/2 BPSK	270	0	25.56	25.72	25.42	26.8		
100	QPSK	1	1	25.98	26.17	25.99			
100	QPSK	1	137	26.04	26.11	25.86	27.3	0.0	
100	QPSK	1	271	25.97	26.12	25.63			
100	QPSK	135	0	25.02	25.17	24.96	26.3	1.0	
100	QPSK	135	69	26.00	26.14	25.91	27.3	0.0	
100	QPSK	135	138	25.08	25.16	24.85		26.3	1.0
100	QPSK	270	0	25.05	25.15	25.06	26.3		
100	16QAM	1	1	25.09	25.13	24.98	26.3	1.0	
100	64QAM	1	1	23.64	23.69	23.37	24.8	2.5	
100	256QAM	1	1	21.52	21.66	21.44	22.8	4.5	
Channel				646668	650000	662334	MPR		
Frequency (MHz)				3745.02	3840	3935.01	up		
90	QPSK	1	1	25.95	26.07	25.91	27.3	0.0	
Channel				649334	650000	662668	MPR		
Frequency (MHz)				3740.01	3840	3940.02	up		
80	QPSK	1	1	25.92	26.09	25.91	27.3	0.0	
Channel				649200	650000	662000	MPR		
Frequency (MHz)				3735	3840	3945	up		
70	QPSK	1	1	25.88	26.06	25.94	27.3	0.0	
Channel				648668	650000	663334	MPR		
Frequency (MHz)				3730.02	3840	3950.01	up		
60	QPSK	1	1	25.87	26.05	25.88	27.3	0.0	
Channel				648334	650000	661668	MPR		
Frequency (MHz)				3725.01	3840	3955.02	up		
50	QPSK	1	1	25.87	26.04	25.93	27.3	0.0	
Channel				648000	650000	664000	MPR		
Frequency (MHz)				3720	3840	3960	up		
40	QPSK	1	1	25.93	26.08	25.95	27.3	0.0	
Channel				647668	650000	661334	MPR		
Frequency (MHz)				3715.02	3840	3965.01	up		
30	QPSK	1	1	25.93	26.05	25.88	27.3	0.0	
Channel				647500	650000	664500	MPR		
Frequency (MHz)				3712.5	3840	3967.5	up		
25	QPSK	1	1	25.94	26.04	25.90	27.3	0.0	
Channel				647334	650000	661334	MPR		
Frequency (MHz)				3710.01	3840	3970.02	up		
20	QPSK	1	1	25.94	26.09	25.87	27.3	0.0	
Channel				647168	650000	664834	MPR		
Frequency (MHz)				3707.52	3840	3972.51	up		
15	QPSK	1	1	25.88	26.07	25.91	27.3	0.0	
Channel				647000	650000	665000	MPR		
Frequency (MHz)				3705	3840	3975	up		
10	QPSK	1	1	25.95	26.04	25.85	27.3	0.0	

Part27Q n77 Ant6 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3600.01	633334				
100	1/2 BPSK	1	1		23.58				
100	1/2 BPSK	1	137		23.58		25.3	0.0	
100	1/2 BPSK	1	271		23.50				
100	1/2 BPSK	135	0		23.17		24.8	0.5	
100	1/2 BPSK	135	69		23.57		25.3	0.0	
100	1/2 BPSK	135	138		23.15		24.8	0.5	
100	1/2 BPSK	270	0		23.15				
100	QPSK	1	1		23.65				
100	QPSK	1	137		23.52		25.3	0.0	
100	QPSK	1	271		23.52				
100	QPSK	135	0		22.99		24.3	1.0	
100	QPSK	135	69		23.62		25.3	0.0	
100	QPSK	135	138		22.72		24.3	1.0	
100	QPSK	270	0		22.62		24.3	1.0	
100	16QAM	1	1		22.67		24.3	1.0	
100	64QAM	1	1		21.17		22.8	2.5	
100	256QAM	1	1		19.08		20.8	4.5	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	23.56	23.54	23.52	25.3	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	23.58	23.57	23.50	25.3	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	23.58	23.51	23.57	25.3	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	23.56	23.52	23.54	25.3	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	23.53	23.60	23.60	25.3	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	23.56	23.49	23.51	25.3	0.0	
Channel				631000	633334	635555	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	23.51	23.57	23.58	25.3	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	23.59	23.54	23.56	25.3	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	23.56	23.52	23.55	25.3	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	23.61	23.56	23.50	25.3	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	23.57	23.54	23.53	25.3	0.0	

Part27Q n77 PC2 Ant6 DSI1									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit [dBm]	MPR [dB]	
Channel									
Frequency [MHz]				3500.01	633334				
100	1/2 BPSK	1	1		25.64				
100	1/2 BPSK	1	137		25.57		27.3	0.0	
100	1/2 BPSK	1	271		25.61				
100	1/2 BPSK	135	0		25.06		26.8	0.5	
100	1/2 BPSK	135	69		25.54		27.3	0.0	
100	1/2 BPSK	135	138		25.16				
100	1/2 BPSK	270	0		25.18		26.8	0.5	
100	QPSK	1	1		25.66				
100	QPSK	1	137		25.65		27.3	0.0	
100	QPSK	1	271		25.57				
100	QPSK	135	0		24.72		26.3	1.0	
100	QPSK	135	69		25.61		27.3	0.0	
100	QPSK	135	138		24.59				
100	QPSK	270	0		24.65		26.3	1.0	
100	16QAM	1	1		24.64		26.3	1.0	
100	64QAM	1	1		23.21		24.8	2.5	
100	256QAM	1	1		21.21		22.8	4.5	
Channel									
Frequency [MHz]				3500.01	633333	3506.00			
90	QPSK	1	1	25.59	25.51	25.58	27.3	0.0	
Channel				632666	633334	634000			
Frequency [MHz]				3490.02	3500.01	3510			
80	QPSK	1	1	25.51	25.54	25.62	27.3	0.0	
Channel				632315	633333	634333			
Frequency [MHz]				3486.01	3500.01	3515.01			
70	QPSK	1	1	25.60	25.62	25.54	27.3	0.0	
Channel				632000	633334	634666			
Frequency [MHz]				3490.01	3500.01	3502.02			
60	QPSK	1	1	25.62	25.57	25.56	27.3	0.0	
Channel				631168	633333	634500			
Frequency [MHz]				3476.02	3500.01	3505			
50	QPSK	1	1	25.58	25.53	25.58	27.3	0.0	
Channel				631334	633334	633334			
Frequency [MHz]				3470.01	3500.01	3508.01			
40	QPSK	1	1	25.61	25.59	25.58	27.3	0.0	
Channel				631105	633333	633666			
Frequency [MHz]				3465	3500.01	3535.02			
30	QPSK	1	1	25.59	25.61	25.57	27.3	0.0	
Channel				630834	633334	633834			
Frequency [MHz]				3460.51	3500.01	3537.51			
25	QPSK	1	1	25.61	25.53	25.59	27.3	0.0	
Channel				630668	633333	634000			
Frequency [MHz]				3460.02	3500.01	3540			
20	QPSK	1	1	25.53	25.55	25.56	27.3	0.0	
Channel				630500	633334	636166			
Frequency [MHz]				3467.3	3500.01	3542.2			
15	QPSK	1	1	25.61	25.56	25.53	27.3	0.0	
Channel				630374	633333	634333			
Frequency [MHz]				3455.01	3500.01	3545.01			
10	QPSK	1	1	25.56	25.59	25.51	27.3	0.0	

Part270 n78 PC2 Ant6 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1		26.05				
100	1/2 BPS	1	137		26.05		27.2	0.0	
100	1/2 BPS	1	271		26.02				
100	1/2 BPS	135	0		25.53		26.7	0.5	
100	1/2 BPS	135	69		26.06		27.2	0.0	
100	1/2 BPS	135	138		25.49				
100	1/2 BPS	270	0		25.60		26.7	0.5	
100	QPSK	1	1		26.13				
100	QPSK	1	137		26.09		27.2	0.0	
100	QPSK	1	271		26.10				
100	QPSK	135	0		24.93		26.2	1.0	
100	QPSK	135	69		25.98		27.2	0.0	
100	QPSK	135	138		24.98				
100	QPSK	270	0		24.98		26.2	1.0	
100	16QAM	1	1		24.96		26.2	1.0	
100	64QAM	1	1		22.91		24.7	2.5	
100	256QAM	1	1		20.77		22.7	4.5	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up		
90	QPSK	1	1	26.07	25.98	26.05	27.2	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up		
80	QPSK	1	1	26.06	26.07	26.05	27.2	0.0	
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up		
70	QPSK	1	1	26.09	26.04	26.01	27.2	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up		
60	QPSK	1	1	26.06	26.08	26.01	27.2	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up		
50	QPSK	1	1	26.08	26.03	26.00	27.2	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up		
40	QPSK	1	1	26.04	25.98	26.08	27.2	0.0	
Channel				647668	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up		
30	QPSK	1	1	25.98	26.01	25.99	27.2	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up		
25	QPSK	1	1	26.00	26.07	26.04	27.2	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up		
20	QPSK	1	1	25.98	25.97	25.97	27.2	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up		
15	QPSK	1	1	26.05	26.03	25.97	27.2	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up		
10	QPSK	1	1	25.98	26.09	26.04	27.2	0.0	

Part27Q n78 Ant6 DSI1									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		23.54				
100	1/2 BPS	1	137		23.60		25.3	0.0	
100	1/2 BPS	1	271		23.54				
100	1/2 BPS	135	0		23.10		24.8	0.5	
100	1/2 BPS	135	69		23.51		25.3	0.0	
100	1/2 BPS	135	138		23.17				
100	1/2 BPS	270	0		23.21		24.8	0.5	
100	QPSK	1	1		23.72				
100	QPSK	1	137		23.53		25.3	0.0	
100	QPSK	1	271		23.45				
100	QPSK	135	0		22.87		24.3	1.0	
100	QPSK	135	69		23.81		25.3	0.0	
100	QPSK	135	138		22.72				
100	QPSK	270	0		22.57		24.3	1.0	
100	16QAM	1	1		22.84		24.3	1.0	
100	64QAM	1	1		21.21		22.8	2.5	
100	256QAM	1	1		19.12		20.8	4.5	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3485	3500.01	3505.02	up		
90	QPSK	1	1	23.66	23.56	23.58	25.3	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	23.56	23.67	23.62	25.3	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	23.57	23.58	23.62	25.3	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	23.62	23.65	23.58	25.3	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	23.57	23.59	23.58	25.3	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	23.57	23.67	23.57	25.3	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	23.67	23.64	23.57	25.3	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	23.58	23.63	23.57	25.3	0.0	
Channel				630568	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	23.67	23.63	23.81	25.3	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	23.61	23.59	23.62	25.3	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	23.62	23.63	23.58	25.3	0.0	

Part27Q n78 PC2 Ant6 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		25.50				
100	1/2 BPS	1	137		25.51		27.2	0.0	
100	1/2 BPS	1	271		25.49				
100	1/2 BPS	135	0		25.04		26.7	0.5	
100	1/2 BPS	135	69		25.50		27.2	0.0	
100	1/2 BPS	135	138		24.99				
100	1/2 BPS	270	0		25.12		26.7	0.5	
100	QPSK	1	1		25.69				
100	QPSK	1	137		25.64		27.2	0.0	
100	QPSK	1	271		25.65				
100	QPSK	135	0		24.46		26.2	1.0	
100	QPSK	135	69		25.49		27.2	0.0	
100	QPSK	135	138		24.43				
100	QPSK	270	0		24.62		26.2	1.0	
100	16QAM	1	1		24.48		26.2	1.0	
100	64QAM	1	1		23.16		24.7	2.5	
100	256QAM	1	1		21.14		22.7	4.5	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3485	3500.01	3505.02	up		
90	QPSK	1	1	25.63	25.60	25.59	27.2	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	25.60	25.62	25.62	27.2	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	25.59	25.57	25.57	27.2	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	25.57	25.63	25.62	27.2	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	25.64	25.58	25.61	27.2	0.0	
Channel				631334	633334	633334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	25.58	25.61	25.56	27.2	0.0	
Channel				631000	633334	633668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	25.58	25.55	25.54	27.2	0.0	
Channel				630834	633334	633584	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	25.63	25.66	25.57	27.2	0.0	
Channel				630668	633334	633000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	25.65	25.60	25.62	27.2	0.0	
Channel				630500	633334	633168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	25.56	25.64	25.61	27.2	0.0	
Channel				630334	633334	633000	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	25.60	25.57	25.62	27.2	0.0	

n7 Ant7 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	18.68	18.72	18.75			
50	1/2 BPSK	1	135	18.70	18.78	18.68	19.8	0.0	
50	1/2 BPSK	1	268	18.66	18.80	18.69			
50	1/2 BPSK	135	0	18.72	18.81	18.76	19.8	0.0	
50	1/2 BPSK	135	68	18.67	18.79	18.74	19.8	0.0	
50	1/2 BPSK	135	135	18.64	18.72	18.75	19.8	0.0	
50	1/2 BPSK	270	0	18.70	18.77	18.67			
50	QPSK	1	1	18.72	18.83	18.72			
50	QPSK	1	135	18.73	18.77	18.75	19.8	0.0	
50	QPSK	1	268	18.70	18.74	18.68			
50	QPSK	135	0	18.65	18.77	18.73	19.8	0.0	
50	QPSK	135	68	18.70	18.78	18.70	19.8	0.0	
50	QPSK	135	135	18.71	18.77	18.67			
50	QPSK	270	0	18.65	18.75	18.74	19.8	0.0	
50	16QAM	1	1	18.67	18.69	18.66	19.8	0.0	
50	64QAM	1	1	18.66	18.77	18.73	19.8	0.0	
50	256QAM	1	1	18.23	18.27	18.22	19.3	0.5	
Channel				504000	507000	510000	tune up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	18.57	18.65	18.62	19.8	0.0	
Channel				503500	507000	510500	tune up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	18.66	18.66	18.58	19.8	0.0	
Channel				503000	507000	511000	tune up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	18.60	18.68	18.64	19.8	0.0	
Channel				502500	507000	511500	tune up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	18.67	18.71	18.64	19.8	0.0	
Channel				502000	507000	512000	tune up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	18.59	18.73	18.60	19.8	0.0	
Channel				501500	507000	512500	tune up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.67	18.72	18.67	19.8	0.0	
Channel				501000	507000	513000	tune up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	18.64	18.65	18.67	19.8	0.0	
Channel				500500	507000	513500	tune up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	18.58	18.71	18.57	19.8	0.0	

n66 Ant7 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	18.57	18.53	18.56			
45	1/2 BPSK	1	120	18.49	18.57	18.50	19.7	0.0	
45	1/2 BPSK	1	240	18.57	18.58	18.51			
45	1/2 BPSK	120	0	18.57	18.56	18.50	19.7	0.0	
45	1/2 BPSK	120	60	18.51	18.54	18.57	19.7	0.0	
45	1/2 BPSK	120	120	18.53	18.57	18.53	19.7	0.0	
45	1/2 BPSK	240	0	18.48	18.58	18.49			
45	QPSK	1	1	18.50	18.65	18.53			
45	QPSK	1	120	18.54	18.53	18.50	19.7	0.0	
45	QPSK	1	240	18.50	18.53	18.54			
45	QPSK	120	0	18.57	18.60	18.55	19.7	0.0	
45	QPSK	120	60	18.53	18.63	18.51	19.7	0.0	
45	QPSK	120	120	18.50	18.58	18.58			
45	QPSK	240	0	18.47	18.53	18.52	19.7	0.0	
45	16QAM	1	1	18.51	18.54	18.53	19.7	0.0	
45	64QAM	1	1	18.56	18.64	18.58	19.7	0.0	
45	256QAM	1	1	17.52	17.68	17.57	18.7	1.0	
Channel				346000	349000	352000	tune up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	18.35	18.38	18.44	19.7	0.0	
Channel				345500	349000	352500	tune up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	18.41	18.46	18.46	19.7	0.0	
Channel				345000	349000	353000	tune up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	18.36	18.47	18.45	19.7	0.0	
Channel				344500	349000	353500	tune up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	18.36	18.46	18.38	19.7	0.0	
Channel				344000	349000	354000	tune up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	18.46	18.39	18.37	19.7	0.0	
Channel				343500	349000	354500	tune up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	18.43	18.49	18.40	19.7	0.0	
Channel				343000	349000	355000	tune up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	18.46	18.45	18.46	19.7	0.0	
Channel				342500	349000	355500	tune up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	18.38	18.40	18.39	19.7	0.0	

n38 Ant7 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	18.25	18.33	18.19			
40	1/2 BPSK	1	53	18.21	18.33	18.23	19.1	0.0	
40	1/2 BPSK	1	104	18.17	18.25	18.23			
40	1/2 BPSK	50	0	18.19	18.28	18.26	19.1	0.0	
40	1/2 BPSK	50	28	18.20	18.25	18.20	19.1	0.0	
40	1/2 BPSK	50	56	18.19	18.34	18.19			
40	1/2 BPSK	100	0	18.19	18.27	18.26	19.1	0.0	
40	QPSK	1	1	18.17	18.35	18.29			
40	QPSK	1	53	18.25	18.28	18.27	19.1	0.0	
40	QPSK	1	104	18.22	18.28	18.27			
40	QPSK	50	0	18.17	18.30	18.21	19.1	0.0	
40	QPSK	50	28	18.22	18.33	18.28	19.1	0.0	
40	QPSK	50	56	18.29	18.23	18.21			
40	QPSK	100	0	18.28	18.32	18.20	19.1	0.0	
40	16QAM	1	1	18.18	18.27	18.24	19.1	0.0	
40	64QAM	1	1	18.25	18.26	18.30	19.1	0.0	
40	256QAM	1	1	18.28	18.29	18.24	19.1	0.0	
Channel				517002	519000	520998	tune-up limit	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	18.04	18.17	18.18	19.1	0.0	
Channel				516504	519000	521496	tune-up limit	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	18.10	18.24	18.19	19.1	0.0	
Channel				516000	519000	522000	tune-up limit	MPR (dB)	
Frequency (MHz)				2569	2595	2610			
20	QPSK	1	1	18.04	18.28	18.15	19.1	0.0	
Channel				515502	519000	522498	tune-up limit	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	18.02	18.27	18.14	19.1	0.0	
Channel				515004	519000	522996	tune-up limit	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	18.02	18.23	18.24	19.1	0.0	

n41 Ant7 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	19.22	19.32	19.22			
100	1/2 BPSK	1	137	19.17	19.32	19.22	20.2	0.0	
100	1/2 BPSK	1	271	19.13	19.35	19.17			
100	1/2 BPSK	135	0	19.17	19.24	19.25	20.2	0.0	
100	1/2 BPSK	135	69	19.20	19.33	19.22	20.2	0.0	
100	1/2 BPSK	135	138	19.19	19.34	19.19			
100	1/2 BPSK	270	0	19.16	19.29	19.17	20.2	0.0	
100	QPSK	1	1	19.22	19.36	19.16			
100	QPSK	1	137	19.18	19.27	19.22	20.2	0.0	
100	QPSK	1	271	19.13	19.32	19.15			
100	QPSK	135	0	19.16	19.32	19.19	20.2	0.0	
100	QPSK	135	69	19.15	19.33	19.25	20.2	0.0	
100	QPSK	135	138	19.16	19.24	19.26			
100	QPSK	270	0	19.17	19.28	19.27	20.2	0.0	
100	16QAM	1	1	19.23	19.28	19.18	20.2	0.0	
100	64QAM	1	1	19.17	19.30	19.28	20.2	0.0	
100	256QAM	1	1	18.27	18.35	18.21	19.2	1.0	
Channel				508200	518598	528996	tune-up limit	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	19.11	19.24	19.04	20.2	0.0	
Channel				507204	518598	529998	tune-up limit	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	19.10	19.23	19.11	20.2	0.0	
Channel				506202	518598	531000	tune-up limit	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.11	19.24	19.05	20.2	0.0	
Channel				505200	518598	531996	tune-up limit	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.08	19.19	19.08	20.2	0.0	
Channel				504204	518598	532998	tune-up limit	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	19.08	19.28	19.06	20.2	0.0	
Channel				503700	518598	533496	tune-up limit	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	19.17	19.19	19.06	20.2	0.0	
Channel				503202	518598	534000	tune-up limit	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.06	19.25	19.01	20.2	0.0	
Channel				502704	518598	534498	tune-up limit	MPR (dB)	
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	19.18	19.26	19.05	20.2	0.0	
Channel				502200	518598	534996	tune-up limit	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.11	19.30	19.01	20.2	0.0	
Channel				501702	518598	535500	tune-up limit	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	19.06	19.19	19.09	20.2	0.0	
Channel				501204	518598	535998	tune-up limit	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	19.07	19.21	19.08	20.2	0.0	
Channel				500700	518598	536496	tune-up limit	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	19.18	19.27	19.03	20.2	0.0	
Channel				500202	518598	537000	tune-up limit	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	19.06	19.28	19.01	20.2	0.0	

Part270 n77 Ant10 DSI1

BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3760	3840	3920		
100	1/2 BPSK	1	1	23.83	23.96	23.75		
100	1/2 BPSK	1	137	23.92	23.98	23.78	25.7	0.0
100	1/2 BPSK	1	271	23.89	23.95	23.81		
100	1/2 BPSK	135	0	23.36	23.61	23.39	25.2	0.5
100	1/2 BPSK	135	69	23.86	23.92	23.87	25.7	0.0
100	1/2 BPSK	135	138	23.42	23.57	23.40		
100	1/2 BPSK	270	0	23.43	23.55	23.42	25.2	0.5
100	QPSK	1	1	23.72	24.13	24.06		
100	QPSK	1	137	23.95	23.91	23.83	25.7	0.0
100	QPSK	1	271	23.84	23.94	23.80		
100	QPSK	135	0	22.91	23.05	22.91	24.7	1.0
100	QPSK	135	69	23.96	23.98	23.75	25.7	0.0
100	QPSK	135	138	23.00	23.04	22.78		
100	QPSK	270	0	22.98	23.07	22.92	24.7	1.0
100	16QAM	1	1	22.96	23.10	22.82	24.7	1.0
100	64QAM	1	1	21.51	21.58	21.35	23.2	2.5
100	256QAM	1	1	19.47	19.56	19.34	21.2	4.5
Channel								
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.93	23.99	23.94	25.7	0.0
Channel								
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.90	24.00	23.91	25.7	0.0
Channel								
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.97	24.02	23.95	25.7	0.0
Channel								
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.94	24.05	23.99	25.7	0.0
Channel								
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.98	24.03	24.00	25.7	0.0
Channel								
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.95	24.09	23.91	25.7	0.0
Channel								
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.91	24.09	23.94	25.7	0.0
Channel								
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.93	24.07	24.00	25.7	0.0
Channel								
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.97	24.05	23.98	25.7	0.0
Channel								
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.96	24.05	23.92	25.7	0.0
Channel								
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.98	24.03	23.93	25.7	0.0

Part270 n77 PC2 Ant10 DSI1

BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	25.95	25.98	25.96		
100	1/2 BPSK	1	137	25.92	25.99	25.88	27.5	0.0
100	1/2 BPSK	1	271	25.95	26.07	25.84		
100	1/2 BPSK	135	0	25.35	25.53	25.36	27.0	0.5
100	1/2 BPSK	135	69	25.99	26.02	25.93	27.5	0.0
100	1/2 BPSK	135	138	25.51	25.58	25.53		
100	1/2 BPSK	270	0	25.45	25.71	25.36	27.0	0.5
100	QPSK	1	1	25.91	26.16	26.11		
100	QPSK	1	137	26.02	26.05	25.82	27.5	0.0
100	QPSK	1	271	25.92	26.12	25.86		
100	QPSK	135	0	25.01	25.10	24.93	26.5	1.0
100	QPSK	135	69	26.00	26.04	25.84	27.5	0.0
100	QPSK	135	138	24.98	25.08	24.78		
100	QPSK	270	0	25.00	25.07	24.96	26.5	1.0
100	16QAM	1	1	25.03	25.11	24.93	26.5	1.0
100	64QAM	1	1	23.64	23.68	23.35	25.0	2.5
100	256QAM	1	1	21.52	21.61	21.37	23.0	4.5
Channel								
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.86	26.00	25.96	27.5	0.0
Channel								
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.86	26.12	26.01	27.5	0.0
Channel								
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.81	26.10	25.96	27.5	0.0
Channel								
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.84	26.00	25.96	27.5	0.0
Channel								
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.80	26.07	25.95	27.5	0.0
Channel								
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.76	26.11	25.99	27.5	0.0
Channel								
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.80	26.06	26.00	27.5	0.0
Channel								
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.78	26.12	26.00	27.5	0.0
Channel								
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.79	26.09	25.96	27.5	0.0
Channel								
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.81	26.05	26.00	27.5	0.0
Channel								
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.76	26.01	26.02	27.5	0.0

Part27Q n77 Ant10 DSI1

BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	23.79				
100	1/2 BPSK	1	137	23.76			25.7	0.0
100	1/2 BPSK	1	271	23.78				
100	1/2 BPSK	135	0	23.37			25.2	0.5
100	1/2 BPSK	135	69	23.71			25.7	0.0
100	1/2 BPSK	135	138	23.33			25.2	0.5
100	1/2 BPSK	270	0	23.38				
100	QPSK	1	1	23.94				
100	QPSK	1	137	23.72			25.7	0.0
100	QPSK	1	271	23.74				
100	QPSK	135	0	22.86			24.7	1.0
100	QPSK	135	69	23.91			25.7	0.0
100	QPSK	135	138	22.79				
100	QPSK	270	0	22.87			24.7	1.0
100	16QAM	1	1	22.95			24.7	1.0
100	64QAM	1	1	21.33			23.2	2.5
100	256QAM	1	1	19.39			21.2	4.5
Channel								
Frequency (MHz)				633000	633334	633668		
90	QPSK	1	1	23.78	23.89	23.81	25.7	0.0
Channel								
Frequency (MHz)				632968	633334	634000		
80	QPSK	1	1	23.76	23.83	23.84	25.7	0.0
Channel								
Frequency (MHz)				632334	633334	634334		
70	QPSK	1	1	23.83	23.86	23.78	25.7	0.0
Channel								
Frequency (MHz)				632000	633334	634668		
60	QPSK	1	1	23.80	23.80	23.82	25.7	0.0
60	QPSK	1	1	23.83	23.85	23.89	25.7	0.0
Channel								
Frequency (MHz)				631668	633334	635000		
50	QPSK	1	1	23.85	23.84	23.83	25.7	0.0
Channel								
Frequency (MHz)				631334	633334	635334		
40	QPSK	1	1	23.80	23.80	23.82	25.7	0.0
40	QPSK	1	1	23.85	23.82	23.84	25.7	0.0
Channel								
Frequency (MHz)				631000	633334	635668		
30	QPSK	1	1	23.81	23.87	23.78	25.7	0.0
Channel								
Frequency (MHz)				630834	633334	635934		
25	QPSK	1	1	23.82	23.78	23.81	25.7	0.0
Channel								
Frequency (MHz)				630668	633334	636000		
20	QPSK	1	1	23.82	23.83	23.89	25.7	0.0
Channel								
Frequency (MHz)				630500	633334	636168		
15	QPSK	1	1	23.87	23.80	23.82	25.7	0.0
Channel								
Frequency (MHz)				630334	633334	636334		
10	QPSK	1	1	23.85	23.80	23.81	25.7	0.0
10	QPSK	1	1	23.87	23.82	23.81	25.7	0.0

Part270 n78 Ant10 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				650000					
100	1/2 BPSK	1	1		24.04				
100	1/2 BPSK	1	137		23.92		24.9	0.0	
100	1/2 BPSK	1	271		23.99				
100	1/2 BPSK	135	0		23.57		24.4	0.5	
100	1/2 BPSK	135	69		23.96		24.9	0.0	
100	1/2 BPSK	135	138		23.50		24.4	0.5	
100	1/2 BPSK	270	0		23.54				
100	QPSK	1	1		24.13				
100	QPSK	1	137		23.92		24.9	0.0	
100	QPSK	1	271		23.95				
100	QPSK	135	0		23.01		23.9	1.0	
100	QPSK	135	69		23.95		24.9	0.0	
100	QPSK	135	138		23.02		23.9	1.0	
100	QPSK	270	0		23.11				
100	16QAM	1	1		23.13		23.9	1.0	
100	64QAM	1	1		21.52		22.4	2.5	
100	256QAM	1	1		19.64		20.4	4.5	
Channel									
Frequency (MHz)				649668	650000	650334	up	MPR	
				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	23.98	24.06	24.00	24.9	0.0	
Channel									
Frequency (MHz)				649334	650000	650668	up	MPR	
				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	23.89	23.97	23.89	24.9	0.0	
Channel									
Frequency (MHz)				649200	650000	651000	up	MPR	
				3735	3750	3765	up	(dB)	
70	QPSK	1	1	23.87	23.99	23.97	24.9	0.0	
Channel									
Frequency (MHz)				648668	650000	651334	up	MPR	
				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	23.93	24.03	23.98	24.9	0.0	
Channel									
Frequency (MHz)				648334	650000	651668	up	MPR	
				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	23.97	24.04	23.99	24.9	0.0	
Channel									
Frequency (MHz)				648000	650000	652000	up	MPR	
				3720	3750	3780	up	(dB)	
40	QPSK	1	1	23.94	23.95	23.96	24.9	0.0	
Channel									
Frequency (MHz)				647650	650000	652334	up	MPR	
				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	23.91	23.95	23.90	24.9	0.0	
Channel									
Frequency (MHz)				647500	650000	652500	up	MPR	
				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	23.96	24.06	23.95	24.9	0.0	
Channel									
Frequency (MHz)				647334	650000	652668	up	MPR	
				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	23.94	24.03	23.89	24.9	0.0	
Channel									
Frequency (MHz)				647168	650000	652834	up	MPR	
				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	23.88	23.98	23.91	24.9	0.0	
Channel									
Frequency (MHz)				647000	650000	653000	up	MPR	
				3705	3750	3795	up	(dB)	
10	QPSK	1	1	23.96	24.05	23.90	24.9	0.0	

Part270 n78 PC2 Ant10 DSI1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				650000					
100	1/2 BPSK	1	1		25.93				
100	1/2 BPSK	1	137		25.88		26.8	0.0	
100	1/2 BPSK	1	271		25.89				
100	1/2 BPSK	135	0		25.48		26.3	0.5	
100	1/2 BPSK	135	69		25.81		26.8	0.0	
100	1/2 BPSK	135	138		25.35		26.3	0.5	
100	1/2 BPSK	270	0		25.43				
100	QPSK	1	1		26.03				
100	QPSK	1	137		25.79		26.8	0.0	
100	QPSK	1	271		25.85				
100	QPSK	135	0		24.96		25.8	1.0	
100	QPSK	135	69		25.83		26.8	0.0	
100	QPSK	135	138		24.93		25.8	1.0	
100	QPSK	270	0		24.95				
100	16QAM	1	1		25.05		25.8	1.0	
100	64QAM	1	1		23.44		24.3	2.5	
100	256QAM	1	1		21.60		22.3	4.5	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	25.86	25.91	25.84	26.8	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	25.85	25.95	25.89	26.8	0.0	
Channel				649200	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	25.92	25.99	25.85	26.8	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	25.82	26.00	25.93	26.8	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	25.84	25.97	25.92	26.8	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	25.85	25.98	25.93	26.8	0.0	
Channel				647650	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	25.93	26.00	25.85	26.8	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	25.94	26.01	25.88	26.8	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	25.89	26.00	25.90	26.8	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	25.91	26.00	25.94	26.8	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1	25.85	25.95	25.96	26.8	0.0	

Part27Q n78 Ant10 DSI1									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		23.61				
100	1/2 BPSK	1	137		23.61		24.9	0.0	
100	1/2 BPSK	1	271		23.64				
100	1/2 BPSK	135	0		23.14		24.4	0.5	
100	1/2 BPSK	135	69		23.53		24.9	0.0	
100	1/2 BPSK	135	138		23.05		24.4	0.5	
100	1/2 BPSK	270	0		23.16				
100	QPSK	1	1		23.74				
100	QPSK	1	137		23.47		24.9	0.0	
100	QPSK	1	271		23.56				
100	QPSK	135	0		22.57		23.9	1.0	
100	QPSK	135	69		23.54		24.9	0.0	
100	QPSK	135	138		22.66		23.9	1.0	
100	QPSK	270	0		22.87				
100	16QAM	1	1		22.69		23.9	1.0	
100	64QAM	1	1		21.09		22.4	2.5	
100	256QAM	1	1		19.24		20.4	4.5	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	23.58	23.67	23.64	24.9	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	23.56	23.64	23.55	24.9	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	23.55	23.63	23.59	24.9	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	23.54	23.65	23.58	24.9	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1	23.53	23.64	23.57	24.9	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	23.63	23.67	23.55	24.9	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1	23.56	23.62	23.59	24.9	0.0	
Channel				630684	633334	635884	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1	23.58	23.65	23.61	24.9	0.0	
Channel				630669	633334	636200	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	23.63	23.65	23.60	24.9	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	23.58	23.71	23.63	24.9	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1	23.60	23.67	23.65	24.9	0.0	

Reduced Power Mode for DSI3_Other PA

n7 Ant5 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	16.72	16.80	16.66			
50	1/2 BPSK	1	135	16.80	16.83	16.69	17.5	0.0	
50	1/2 BPSK	1	268	16.80	16.83	16.74			
50	1/2 BPSK	135	0	16.83	16.86	16.71	17.5	0.0	
50	1/2 BPSK	135	68	16.72	16.87	16.72	17.5	0.0	
50	1/2 BPSK	135	135	16.77	16.76	16.66			
50	1/2 BPSK	270	0	16.76	16.82	16.66	17.5	0.0	
50	QPSK	1	1	16.74	16.89	16.70			
50	QPSK	1	135	16.81	16.76	16.72	17.5	0.0	
50	QPSK	1	268	16.77	16.85	16.74			
50	QPSK	135	0	16.82	16.83	16.65	17.5	0.0	
50	QPSK	135	68	16.78	16.85	16.72	17.5	0.0	
50	QPSK	135	135	16.81	16.84	16.69			
50	QPSK	270	0	16.82	16.83	16.64	17.5	0.0	
50	16QAM	1	1	16.78	16.77	16.65	17.5	0.0	
50	64QAM	1	1	16.77	16.79	16.71	17.5	0.0	
50	256QAM	1	1	16.75	16.86	16.66	17.5	0.0	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	16.59	16.72	16.62	17.5	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	16.64	16.69	16.64	17.5	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	16.69	16.66	16.64	17.5	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	16.70	16.71	16.62	17.5	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	16.59	16.68	16.60	17.5	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	16.64	16.73	16.54	17.5	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	16.66	16.76	16.61	17.5	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	16.68	16.66	16.63	17.5	0.0	

n66 Ant5 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	18.24	18.36	18.27			
45	1/2 BPSK	1	120	18.26	18.31	18.21	19.3	0.0	
45	1/2 BPSK	1	240	18.32	18.37	18.26			
45	1/2 BPSK	120	0	18.31	18.29	18.26	19.3	0.0	
45	1/2 BPSK	120	60	18.24	18.33	18.29	19.3	0.0	
45	1/2 BPSK	120	120	18.24	18.27	18.30	19.3	0.0	
45	1/2 BPSK	240	0	18.28	18.34	18.26			
45	QPSK	1	1	18.25	18.38	18.23			
45	QPSK	1	120	18.35	18.31	18.20	19.3	0.0	
45	QPSK	1	240	18.31	18.27	18.25			
45	QPSK	120	0	18.25	18.32	18.23	19.3	0.0	
45	QPSK	120	60	18.27	18.35	18.25	19.3	0.0	
45	QPSK	120	120	18.30	18.32	18.30	19.3	0.0	
45	QPSK	240	0	18.33	18.34	18.29			
45	16QAM	1	1	18.29	18.29	18.25	19.3	0.0	
45	64QAM	1	1	18.26	18.37	18.29	19.3	0.0	
45	256QAM	1	1	17.23	17.33	17.28	18.3	1.0	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	18.16	18.30	18.18	19.3	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	18.12	18.23	18.14	19.3	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	18.11	18.24	18.10	19.3	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	18.13	18.21	18.11	19.3	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	18.19	18.26	18.13	19.3	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	18.17	18.29	18.11	19.3	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	18.19	18.26	18.07	19.3	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	18.13	18.26	18.13	19.3	0.0	

n38 Ant5 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	516000	516996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	17.21	17.31	17.18	18.0	0.0	
40	1/2 BPSK	1	53	17.16	17.24	17.26			
40	1/2 BPSK	1	104	17.26	17.30	17.22			
40	1/2 BPSK	50	0	17.25	17.30	17.22	18.0	0.0	
40	1/2 BPSK	50	28	17.27	17.22	17.18	18.0	0.0	
40	1/2 BPSK	50	56	17.18	17.22	17.27	18.0	0.0	
40	1/2 BPSK	100	0	17.21	17.25	17.25	18.0	0.0	
40	QPSK	1	1	17.16	17.32	17.19			
40	QPSK	1	53	17.16	17.22	17.27	18.0	0.0	
40	QPSK	1	104	17.23	17.27	17.19			
40	QPSK	50	0	17.22	17.21	17.21	18.0	0.0	
40	QPSK	50	28	17.19	17.29	17.26	18.0	0.0	
40	QPSK	50	56	17.20	17.25	17.28	18.0	0.0	
40	QPSK	100	0	17.22	17.31	17.19			
40	16QAM	1	1	17.26	17.21	17.28	18.0	0.0	
40	64QAM	1	1	17.26	17.21	17.28	18.0	0.0	
40	256QAM	1	1	17.22	17.26	17.18	18.0	0.0	
Channel				517002	519000	520996			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	17.09	17.12	17.11	18.0	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	17.07	17.13	17.07	18.0	0.0	
Channel				516000	518000	520000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	17.09	17.15	17.12	18.0	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	17.09	17.15	17.05	18.0	0.0	
Channel				515004	518000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	17.06	17.18	17.10	18.0	0.0	

n41 Ant5 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509002	518596	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	16.53	16.60	16.55	17.6	0.0	
100	1/2 BPSK	1	137	16.52	16.64	16.54			
100	1/2 BPSK	1	271	16.52	16.60	16.56			
100	1/2 BPSK	135	0	16.51	16.58	16.58	17.6	0.0	
100	1/2 BPSK	135	69	16.60	16.65	16.51	17.6	0.0	
100	1/2 BPSK	135	138	16.55	16.59	16.57	17.6	0.0	
100	1/2 BPSK	270	0	16.55	16.64	16.58			
100	QPSK	1	1	16.58	16.69	16.61	17.6	0.0	
100	QPSK	1	137	16.53	16.66	16.54			
100	QPSK	1	271	16.54	16.61	16.54			
100	QPSK	135	0	16.53	16.60	16.50	17.6	0.0	
100	QPSK	135	69	16.58	16.66	16.59	17.6	0.0	
100	QPSK	135	138	16.59	16.65	16.57	17.6	0.0	
100	QPSK	270	0	16.61	16.65	16.56			
100	16QAM	1	1	16.52	16.58	16.53	17.6	0.0	
100	64QAM	1	1	16.56	16.61	16.62	17.6	0.0	
100	256QAM	1	1	16.55	16.55	16.60	17.6	0.0	
Channel				508000	518596	529996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	16.53	16.59	16.46	17.6	0.0	
Channel				507204	518596	529996			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	16.46	16.51	16.56	17.6	0.0	
Channel				520000	518596	529996			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	16.54	16.52	16.50	17.6	0.0	
Channel				505200	518596	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	16.51	16.50	16.47	17.6	0.0	
Channel				520000	518596	529996			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	16.52	16.52	16.46	17.6	0.0	
Channel				503700	518596	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	16.48	16.54	16.55	17.6	0.0	
Channel				520000	518596	529996			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	16.51	16.57	16.55	17.6	0.0	
Channel				502704	518596	534496			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	16.44	16.50	16.57	17.6	0.0	
Channel				520000	518596	533996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	16.54	16.56	16.57	17.6	0.0	
Channel				501702	518596	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	16.48	16.51	16.48	17.6	0.0	
Channel				520000	518596	529996			
Frequency (MHz)				2506.52	2592.99	2679.99			
20	QPSK	1	1	16.44	16.56	16.49	17.6	0.0	
Channel				500700	518596	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	16.44	16.55	16.47	17.6	0.0	
Channel				500202	518596	537000			
Frequency (MHz)				2501.51	2592.99	2684			
10	QPSK	1	1	16.44	16.54	16.56	17.6	0.0	

Part270 n77 Ant5 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq. Ch.	Power Middle Ch. / Freq. Ch.	Power High Ch. / Freq. Ch.	Tune-up limit (dBm)		
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	15.81	15.98	15.90	17.3	0.0	
100	1/2 BPSK	1	137	15.87	16.00	15.97			
100	1/2 BPSK	1	271	15.87	16.00	15.94			
100	1/2 BPSK	135	0	15.91	15.91	15.88	17.3	0.0	
100	1/2 BPSK	135	69	15.87	15.98	15.89	17.3	0.0	
100	1/2 BPSK	135	138	15.87	15.93	15.91	17.3	0.0	
100	1/2 BPSK	270	0	15.88	15.99	15.98			
100	QPSK	1	1	15.91	16.05	15.90	17.3	0.0	
100	QPSK	1	137	15.88	16.00	15.96			
100	QPSK	1	271	15.92	15.92	15.92			
100	QPSK	135	0	15.92	15.90	15.92	17.3	0.0	
100	QPSK	135	69	15.81	15.98	15.92	17.3	0.0	
100	QPSK	135	138	15.85	15.96	15.89	17.3	0.0	
100	QPSK	270	0	15.91	15.95	15.88			
100	16QAM	1	1	15.88	15.99	15.96	17.3	0.0	
100	64QAM	1	1	15.89	15.96	15.93	17.3	0.0	
100	256QAM	1	1	15.86	15.90	15.88	17.3	0.0	
Channel				649608	656000	662314			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	15.77	15.82	15.75	17.3	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	15.84	15.88	15.86	17.3	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	15.75	15.83	15.83	17.3	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	15.80	15.88	15.79	17.3	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	15.87	15.84	15.86	17.3	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	15.82	15.86	15.86	17.3	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	15.86	15.90	15.75	17.3	0.0	
Channel				647334	656000	664500			
Frequency (MHz)				3712.5	3840	3975.5			
25	QPSK	1	1	15.77	15.91	15.86	17.3	0.0	
Channel				647000	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	15.85	15.82	15.81	17.3	0.0	
Channel				646768	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	15.75	15.89	15.87	17.3	0.0	
Channel				646500	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	15.75	15.83	15.77	17.3	0.0	

Part27Q n77 Ant5 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01		633334		3750	
100	1/2 BPSK	1	1	15.64					
100	1/2 BPSK	1	137	15.68				17.3	0.0
100	1/2 BPSK	1	271	15.69					
100	1/2 BPSK	135	0	15.71				17.3	0.0
100	1/2 BPSK	135	69	15.66				17.3	0.0
100	1/2 BPSK	135	138	15.75				17.3	0.0
100	1/2 BPSK	270	0	15.72					
100	QPSK	1	1	15.76					
100	QPSK	1	137	15.70				17.3	0.0
100	QPSK	1	271	15.73					
100	QPSK	135	0	15.69				17.3	0.0
100	QPSK	135	69	15.70				17.3	0.0
100	QPSK	135	138	15.68				17.3	0.0
100	QPSK	270	0	15.69				17.3	0.0
100	16QAM	1	1	15.72				17.3	0.0
100	64QAM	1	1	15.67				17.3	0.0
100	256QAM	1	1	15.64				17.3	0.0
Channel									
Frequency (MHz)				632000	633334	633668	MPR up limit (dB)		
Channel				3495	3500.01	3505.02			
90	QPSK	1	1	15.58	15.65	15.66	17.3	0.0	
Channel									
Frequency (MHz)				3490.02	3500.01	3510	MPR up limit (dB)		
80	QPSK	1	1	15.66	15.61	15.58	17.3	0.0	
Channel									
Frequency (MHz)				3485.01	3500.01	3515.01	MPR up limit (dB)		
70	QPSK	1	1	15.59	15.63	15.63	17.3	0.0	
Channel									
Frequency (MHz)				3480	3500.01	3520.02	MPR up limit (dB)		
60	QPSK	1	1	15.66	15.61	15.56	17.3	0.0	
Channel									
Frequency (MHz)				3475.02	3500.01	3525	MPR up limit (dB)		
50	QPSK	1	1	15.61	15.57	15.66	17.3	0.0	
Channel									
Frequency (MHz)				631334	633334	635334	MPR up limit (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	15.58	15.65	15.65	17.3	0.0	
Channel									
Frequency (MHz)				631000	633334	635668	MPR up limit (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	15.57	15.65	15.59	17.3	0.0	
Channel									
Frequency (MHz)				630834	633334	635834	MPR up limit (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	15.61	15.56	15.62	17.3	0.0	
Channel									
Frequency (MHz)				630668	633334	636000	MPR up limit (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	15.59	15.66	15.62	17.3	0.0	
Channel									
Frequency (MHz)				630500	633334	636168	MPR up limit (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	15.60	15.67	15.67	17.3	0.0	
Channel									
Frequency (MHz)				630334	633334	636334	MPR up limit (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	15.55	15.56	15.63	17.3	0.0	

Part27Q n77 PC2 Ant5 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01		633334		3750	
100	1/2 BPSK	1	1	18.60					
100	1/2 BPSK	1	137	18.65				20.3	0.0
100	1/2 BPSK	1	271	18.75					
100	1/2 BPSK	135	0	18.72				20.3	0.0
100	1/2 BPSK	135	69	18.68				20.3	0.0
100	1/2 BPSK	135	138	18.71				20.3	0.0
100	1/2 BPSK	270	0	18.75					
100	QPSK	1	1	18.76					
100	QPSK	1	137	18.68				20.3	0.0
100	QPSK	1	271	18.70					
100	QPSK	135	0	18.68				20.3	0.0
100	QPSK	135	69	18.71				20.3	0.0
100	QPSK	135	138	18.67					
100	QPSK	270	0	18.66					
100	16QAM	1	1	18.66					
100	64QAM	1	1	18.67					
100	256QAM	1	1	18.60					
Channel				633000	633334	633668	MPR up limit (dB)		
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	18.63	18.58	18.64	20.3	0.0	
Channel				632668	633334	634000	MPR up limit (dB)		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	18.60	18.65	18.55	20.3	0.0	
Channel				632334	633334	634334	MPR up limit (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	18.62	18.56	18.65	20.3	0.0	
Channel				632000	633334	634668	MPR up limit (dB)		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.67	18.60	18.63	20.3	0.0	
Channel				631668	633334	635000	MPR up limit (dB)		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	18.59	18.67	18.67	20.3	0.0	
Channel				631334	633334	635334	MPR up limit (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.59	18.60	18.64	20.3	0.0	
Channel				631000	633334	635668	MPR up limit (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	18.61	18.63	18.64	20.3	0.0	
Channel				630834	633334	635834	MPR up limit (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	18.60	18.66	18.62	20.3	0.0	
Channel				630668	633334	636000	MPR up limit (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	18.57	18.58	18.56	20.3	0.0	
Channel				630500	633334	636168	MPR up limit (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	18.59	18.67	18.66	20.3	0.0	
Channel				630334	633334	636334	MPR up limit (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	18.56	18.67	18.59	20.3	0.0	

Part27O n78 Ant5 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750		650000		3750	
100	1/2 BPSK	1	1	15.89					
100	1/2 BPSK	1	137	15.89				17.0	0.0
100	1/2 BPSK	1	271	15.87					
100	1/2 BPSK	135	0	15.80				17.0	0.0
100	1/2 BPSK	138	69	15.79				17.0	0.0
100	1/2 BPSK	135	138	15.84				17.0	0.0
100	1/2 BPSK	270	0	15.83					
100	QPSK	1	1	15.91					
100	QPSK	1	137	15.82				17.0	0.0
100	QPSK	1	271	15.83					
100	QPSK	135	0	15.85				17.0	0.0
100	QPSK	135	69	15.86				17.0	0.0
100	QPSK	135	138	15.78					
100	QPSK	270	0	15.80					
100	16QAM	1	1	15.87				17.0	0.0
100	16QAM	1	1	15.86				17.0	0.0
100	256QAM	1	1	15.81				17.0	0.0
Channel									
Frequency (MHz)				648668		650000		650234	
Channel				3745.02		3750		3750.01	
90	QPSK	1	1	15.76		15.77		15.71	17.0
Channel				649334		650000		650668	
Frequency (MHz)				3740.01		3750		3760.02	
80	QPSK	1	1	15.76		15.75		15.77	17.0
Channel				649004		650000		651000	
Frequency (MHz)				3735		3750		3765	
70	QPSK	1	1	15.77		15.74		15.76	17.0
Channel				648668		650000		651334	
Frequency (MHz)				3730.02		3750		3770.01	
60	QPSK	1	1	15.82		15.72		15.77	17.0
Channel				648334		650000		651668	
Frequency (MHz)				3725.01		3750		3775.02	
50	QPSK	1	1	15.72		15.74		15.79	17.0
Channel				648000		650000		652000	
Frequency (MHz)				3720		3750		3760	
40	QPSK	1	1	15.75		15.75		15.73	17.0
Channel				647668		650000		652334	
Frequency (MHz)				3715.02		3750		3785.01	
30	QPSK	1	1	15.78		15.73		15.80	17.0
Channel				647500		650000		652500	
Frequency (MHz)				3712.5		3750		3787.5	
25	QPSK	1	1	15.77		15.75		15.77	17.0
Channel				647334		650000		652668	
Frequency (MHz)				3710.01		3750		3790.02	
20	QPSK	1	1	15.75		15.80		15.75	17.0
Channel				647168		650000		652834	
Frequency (MHz)				3707.52		3750		3792.51	
15	QPSK	1	1	15.74		15.82		15.75	17.0
Channel				647000		650000		653000	
Frequency (MHz)				3705		3750		3795	
10	QPSK	1	1	15.81		15.72		15.73	17.0

Part27Q n78 Ant5 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)						15.36			
100	1/2 BPSK	1	1						
100	1/2 BPSK	1	137		15.41		17.0	0.0	
100	1/2 BPSK	1	271		15.36				
100	1/2 BPSK	135	0		15.33		17.0	0.0	
100	1/2 BPSK	135	69		15.26		17.0	0.0	
100	1/2 BPSK	135	138		15.36				
100	1/2 BPSK	270	0		15.31		17.0	0.0	
100	QPSK	1	1		15.45				
100	QPSK	1	137		15.36		17.0	0.0	
100	QPSK	1	271		15.38				
100	QPSK	135	0		15.31		17.0	0.0	
100	QPSK	135	69		15.35		17.0	0.0	
100	QPSK	135	138		15.22				
100	QPSK	270	0		15.33		17.0	0.0	
100	16QAM	1	1		15.31		17.0	0.0	
100	64QAM	1	1		15.37		17.0	0.0	
100	256QAM	1	1		15.33		17.0	0.0	
Channel				633000	633334	633668	up	MPR (dB)	
Frequency (MHz)				3498	3500.01	3505.02			
90	QPSK	1	1	15.22	15.19	15.23	17.0	0.0	
Channel				632668	633334	634000	up	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	15.19	15.20	15.17	17.0	0.0	
Channel				632334	633334	634334	up	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	15.21	15.19	15.18	17.0	0.0	
Channel				632000	633334	634668	up	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	15.21	15.20	15.23	17.0	0.0	
Channel				631668	633334	635000	up	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	15.27	15.19	15.27	17.0	0.0	
Channel				631334	633334	635334	up	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	15.22	15.19	15.27	17.0	0.0	
Channel				631000	633334	635668	up	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	15.16	15.26	15.25	17.0	0.0	
Channel				630634	633334	635834	up	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	15.20	15.28	15.22	17.0	0.0	
Channel				630668	633334	635900	up	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	15.25	15.25	15.21	17.0	0.0	
Channel				630500	633334	636168	up	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	15.24	15.29	15.19	17.0	0.0	
Channel				630334	633334	636334	up	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	15.24	15.23	15.22	17.0	0.0	

Part27Q n78 PC2 Ant5 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)						18.31			
100	1/2 BPSK	1	1						
100	1/2 BPSK	1	137		18.46		20.0	0.0	
100	1/2 BPSK	1	271		18.34				
100	1/2 BPSK	135	0		18.33		20.0	0.0	
100	1/2 BPSK	135	69		18.26		20.0	0.0	
100	1/2 BPSK	135	138		18.43				
100	1/2 BPSK	270	0		18.27		20.0	0.0	
100	QPSK	1	1		18.47				
100	QPSK	1	137		18.39		20.0	0.0	
100	QPSK	1	271		18.41				
100	QPSK	135	0		18.31		20.0	0.0	
100	QPSK	135	69		18.35		20.0	0.0	
100	QPSK	135	138		18.17				
100	QPSK	270	0		18.28		20.0	0.0	
100	16QAM	1	1		18.32		20.0	0.0	
100	64QAM	1	1		18.35		20.0	0.0	
100	256QAM	1	1		18.35		20.0	0.0	
Channel				633000	633334	633668	up	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	18.21	18.15	18.23	20.0	0.0	
Channel				632668	633334	634000	up	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	18.14	18.22	18.22	20.0	0.0	
Channel				632334	633334	634334	up	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	18.15	18.23	18.18	20.0	0.0	
Channel				632000	633334	634668	up	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.20	18.16	18.14	20.0	0.0	
Channel				631668	633334	635000	up	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	18.13	18.22	18.20	20.0	0.0	
Channel				631334	633334	635334	up	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.13	18.20	18.20	20.0	0.0	
Channel				631000	633334	635668	up	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	18.25	18.23	18.17	20.0	0.0	
Channel				630634	633334	635834	up	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	18.18	18.15	18.20	20.0	0.0	
Channel				630668	633334	635900	up	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	18.21	18.14	18.14	20.0	0.0	
Channel				630500	633334	636168	up	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	18.20	18.23	18.15	20.0	0.0	
Channel				630334	633334	636334	up	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	18.18	18.16	18.21	20.0	0.0	

n7 Ant4 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	18.97	19.03	18.97			
50	1/2 BPSK	1	135	19.05	19.10	19.02	20.2	0.0	
50	1/2 BPSK	1	268	18.96	19.05	19.01			
50	1/2 BPSK	135	0	19.07	19.10	19.03	20.2	0.0	
50	1/2 BPSK	135	68	19.06	19.03	19.05	20.2	0.0	
50	1/2 BPSK	135	135	18.96	19.04	19.02	20.2	0.0	
50	1/2 BPSK	270	0	19.00	19.11	19.03			
50	QPSK	1	1	19.02	19.12	19.00			
50	QPSK	1	135	19.07	19.06	19.07	20.2	0.0	
50	QPSK	1	268	18.99	19.11	18.98			
50	QPSK	135	0	19.01	19.04	19.00	20.2	0.0	
50	QPSK	135	68	19.03	19.10	18.98	20.2	0.0	
50	QPSK	135	135	19.05	19.09	19.01			
50	QPSK	270	0	19.03	19.07	19.06	20.2	0.0	
50	16QAM	1	1	18.95	19.04	19.03	20.2	0.0	
50	64QAM	1	1	19.05	19.06	18.96	20.2	0.0	
50	256QAM	1	1	18.99	19.09	19.00	20.2	0.0	
Channel				504000	507000	510000	tune up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	18.96	18.97	18.89	20.2	0.0	
Channel				503500	507000	510500	tune up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	18.86	19.02	18.95	20.2	0.0	
Channel				503000	507000	511000	tune up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	18.97	19.03	18.90	20.2	0.0	
Channel				502500	507000	511500	tune up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	18.87	18.96	18.89	20.2	0.0	
Channel				502000	507000	512000	tune up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	18.94	19.02	18.89	20.2	0.0	
Channel				501500	507000	512500	tune up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.93	18.96	18.90	20.2	0.0	
Channel				501000	507000	513000	tune up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	18.87	19.04	18.87	20.2	0.0	
Channel				500500	507000	513500	tune up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	18.86	19.05	18.89	20.2	0.0	

n66 Ant4 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	21.21	21.34	21.09			
45	1/2 BPSK	1	120	21.17	21.25	21.16	21.8	0.0	
45	1/2 BPSK	1	240	21.21	21.35	21.12			
45	1/2 BPSK	120	0	21.17	21.24	21.13	21.8	0.0	
45	1/2 BPSK	120	60	21.24	21.34	21.16	21.8	0.0	
45	1/2 BPSK	120	120	21.22	21.24	21.18	21.8	0.0	
45	1/2 BPSK	240	0	21.22	21.34	21.14			
45	QPSK	1	1	21.19	21.36	21.12			
45	QPSK	1	120	21.16	21.31	21.10	21.8	0.0	
45	QPSK	1	240	21.14	21.30	21.13			
45	QPSK	120	0	21.21	21.31	21.15	21.8	0.0	
45	QPSK	120	60	21.23	21.33	21.09	21.8	0.0	
45	QPSK	120	120	21.13	21.31	21.18	21.8	0.0	
45	QPSK	240	0	21.17	21.26	21.20			
45	16QAM	1	1	21.18	21.26	21.14	21.8	0.0	
45	64QAM	1	1	21.10	21.21	21.00	21.8	0.0	
45	256QAM	1	1	20.73	20.83	20.58	21.3	0.5	
Channel				346000	349000	352000	tune up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	21.11	21.17	21.07	21.8	0.0	
Channel				345500	349000	352500	tune up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	21.08	21.15	20.98	21.8	0.0	
Channel				345000	349000	353000	tune up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	21.12	21.16	21.05	21.8	0.0	
Channel				344500	349000	353500	tune up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	21.14	21.14	21.01	21.8	0.0	
Channel				344000	349000	354000	tune up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	21.05	21.24	21.06	21.8	0.0	
Channel				343500	349000	354500	tune up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	21.09	21.16	21.02	21.8	0.0	
Channel				343000	349000	355000	tune up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	21.11	21.19	20.99	21.8	0.0	
Channel				342500	349000	355500	tune up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	21.04	21.14	21.03	21.8	0.0	

n38 Ant4 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				518004	519000	519996	2590.02	2598	2599.98
40	1/2 BPSK	1	1	19.32	19.40	19.35			
40	1/2 BPSK	1	53	19.34	19.32	19.29	20.7	0.0	
40	1/2 BPSK	1	104	19.32	19.31	19.26			
40	1/2 BPSK	50	0	19.33	19.41	19.27	20.7	0.0	
40	1/2 BPSK	50	26	19.36	19.37	19.27	20.7	0.0	
40	1/2 BPSK	50	56	19.40	19.37	19.33	20.7	0.0	
40	1/2 BPSK	100	0	19.32	19.35	19.35			
40	QPSK	1	1	19.36	19.42	19.34			
40	QPSK	1	53	19.38	19.31	19.36	20.7	0.0	
40	QPSK	1	104	19.39	19.30	19.37			
40	QPSK	50	0	19.32	19.33	19.28	20.7	0.0	
40	QPSK	50	26	19.33	19.37	19.30	20.7	0.0	
40	QPSK	50	56	19.32	19.33	19.33			
40	QPSK	100	0	19.30	19.32	19.27	20.7	0.0	
40	16QAM	1	1	19.36	19.41	19.32	20.7	0.0	
40	64QAM	1	1	19.29	19.36	19.35	20.7	0.0	
40	256QAM	1	1	19.66	19.68	19.67	20.2	0.5	
Channel				517002	518000	520998	up	MPR	(dB)
Frequency (MHz)				2585.01	2598	2604.99	up	MPR	(dB)
30	QPSK	1	1	19.30	19.17	19.22	20.7	0.0	
Channel				516504	519000	521496	up	MPR	(dB)
Frequency (MHz)				2582.52	2598	2607.48	up	MPR	(dB)
25	QPSK	1	1	19.22	19.29	19.23	20.7	0.0	
Channel				515000	518000	522000	up	MPR	(dB)
Frequency (MHz)				2580	2598	2610	up	MPR	(dB)
20	QPSK	1	1	19.24	19.27	19.23	20.7	0.0	
Channel				515502	519000	522498	up	MPR	(dB)
Frequency (MHz)				2577.51	2598	2612.49	up	MPR	(dB)
15	QPSK	1	1	19.30	19.24	19.30	20.7	0.0	
Channel				515004	519000	522996	up	MPR	(dB)
Frequency (MHz)				2575.02	2598	2614.98	up	MPR	(dB)
10	QPSK	1	1	19.23	19.18	19.22	20.7	0.0	

n41 Ant4 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				509002	516598	526000	2546.01	2592.99	2640
100	1/2 BPSK	1	1	18.66	18.77	18.74			
100	1/2 BPSK	1	137	18.66	18.71	18.72	20.2	0.0	
100	1/2 BPSK	1	271	18.62	18.72	18.70			
100	1/2 BPSK	135	0	18.68	18.76	18.75	20.2	0.0	
100	1/2 BPSK	135	69	18.63	18.74	18.76	20.2	0.0	
100	1/2 BPSK	135	138	18.65	18.76	18.68			
100	1/2 BPSK	270	0	18.63	18.73	18.69	20.2	0.0	
100	QPSK	1	1	18.63	18.79	18.73			
100	QPSK	1	137	18.68	18.73	18.74	20.2	0.0	
100	QPSK	1	271	18.71	18.78	18.75			
100	QPSK	135	0	18.71	18.76	18.73	20.2	0.0	
100	QPSK	135	69	18.68	18.76	18.72	20.2	0.0	
100	QPSK	135	138	18.66	18.70	18.76			
100	QPSK	270	0	18.69	18.75	18.70	20.2	0.0	
100	16QAM	1	1	18.65	18.76	18.78	20.2	0.0	
100	64QAM	1	1	18.71	18.70	18.72	20.2	0.0	
100	256QAM	1	1	18.65	18.71	18.71	20.2	0.0	
Channel				508000	516598	526998	up	MPR	(dB)
Frequency (MHz)				2541	2592.99	2644.99	up	MPR	(dB)
90	QPSK	1	1	18.49	18.70	18.59	20.2	0.0	
Channel				507204	518598	529998	up	MPR	(dB)
Frequency (MHz)				2536.02	2592.99	2649.99	up	MPR	(dB)
80	QPSK	1	1	18.57	18.62	18.68	20.2	0.0	
Channel				505002	516598	531000	up	MPR	(dB)
Frequency (MHz)				2531.01	2592.99	2655	up	MPR	(dB)
70	QPSK	1	1	18.51	18.70	18.63	20.2	0.0	
Channel				505000	518598	531998	up	MPR	(dB)
Frequency (MHz)				2526	2592.99	2659.98	up	MPR	(dB)
60	QPSK	1	1	18.53	18.59	18.66	20.2	0.0	
Channel				504204	516598	532998	up	MPR	(dB)
Frequency (MHz)				2521.02	2592.99	2664.99	up	MPR	(dB)
50	QPSK	1	1	18.50	18.69	18.62	20.2	0.0	
Channel				503700	518598	533498	up	MPR	(dB)
Frequency (MHz)				2516.5	2592.99	2667.48	up	MPR	(dB)
45	QPSK	1	1	18.58	18.64	18.61	20.2	0.0	
Channel				503002	516598	533000	up	MPR	(dB)
Frequency (MHz)				2516.01	2592.99	2670	up	MPR	(dB)
40	QPSK	1	1	18.55	18.68	18.58	20.2	0.0	
Channel				502704	518598	534498	up	MPR	(dB)
Frequency (MHz)				2513.52	2592.99	2672.49	up	MPR	(dB)
35	QPSK	1	1	18.53	18.64	18.67	20.2	0.0	
Channel				502200	516598	533998	up	MPR	(dB)
Frequency (MHz)				2511	2592.99	2674.98	up	MPR	(dB)
30	QPSK	1	1	18.54	18.69	18.64	20.2	0.0	
Channel				501702	518598	535500	up	MPR	(dB)
Frequency (MHz)				2508.51	2592.99	2677.5	up	MPR	(dB)
25	QPSK	1	1	18.55	18.67	18.58	20.2	0.0	
Channel				501204	516598	535998	up	MPR	(dB)
Frequency (MHz)				2506.02	2592.99	2679.99	up	MPR	(dB)
20	QPSK	1	1	18.57	18.68	18.64	20.2	0.0	

n48 Ant4 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				638000	641666	645332	3570	3624.99	3679.98
40	1/2 BPSK	1	1	21.66	21.68	21.58			
40	1/2 BPSK	1	53	21.63	21.68	21.52	23.0	0.0	
40	1/2 BPSK	1	104	21.67	21.69	21.60			
40	1/2 BPSK	50	0	21.60	21.63	21.61	23.0	0.0	
40	1/2 BPSK	50	26	21.62	21.65	21.51	23.0	0.0	
40	1/2 BPSK	50	56	21.62	21.64	21.59	23.0	0.0	
40	1/2 BPSK	100	0	21.62	21.66	21.59	23.0	0.0	
40	QPSK	1	1	21.58	21.75	21.52			
40	QPSK	1	53	21.60	21.72	21.53	23.0	0.0	
40	QPSK	1	104	21.58	21.70	21.59			
40	QPSK	50	0	21.58	21.64	21.58	23.0	0.0	
40	QPSK	50	26	21.58	21.67	21.51	23.0	0.0	
40	QPSK	50	56	21.63	21.66	21.52	23.0	0.0	
40	QPSK	100	0	21.59	21.65	21.51	23.0	0.0	
40	16QAM	1	1	21.58	21.69	21.60	23.0	0.0	
40	64QAM	1	1	20.61	20.67	20.55	22.0	1.0	
40	256QAM	1	1	18.59	18.64	18.47	20.0	3.0	
Channel				637668	641666	645666	up	MPR	(dB)
Frequency (MHz)				3565.02	3624.99	3684.99	up	MPR	(dB)
30	QPSK	1	1	21.46	21.53	21.48	23.0	0.0	
Channel				637334	641666	646000	up	MPR	(dB)
Frequency (MHz)				3560.01	3624.99	3690	up	MPR	(dB)
20	QPSK	1	1	21.47	21.48	21.48	23.0	0.0	
Channel				637168	641666	647166	up	MPR	(dB)
Frequency (MHz)				3557.52	3624.99	3692.49	up	MPR	(dB)
15	QPSK	1	1	21.46	21.50	21.44	23.0	0.0	
Channel				637000	641666	646332	up	MPR	(dB)
Frequency (MHz)				3555	3624.99	3694.98	up	MPR	(dB)
10	QPSK	1	1	21.47	21.58	21.39	23.0	0.0	

Part270 n77 Ant4 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3760	3840	3920			
100	1/2 BPSK	1	1	19.79	19.86	19.86			
100	1/2 BPSK	1	137	19.80	19.80	19.79	20.0	0.0	
100	1/2 BPSK	1	271	19.81	19.89	19.89			
100	1/2 BPSK	135	0	19.82	19.89	19.81	20.0	0.0	
100	1/2 BPSK	135	69	19.79	19.86	19.82	20.0	0.0	
100	1/2 BPSK	135	138	19.84	19.86	19.80			
100	1/2 BPSK	270	0	19.82	19.91	19.87	20.0	0.0	
100	QPSK	1	1	19.76	19.95	19.84			
100	QPSK	1	137	19.82	19.84	19.84	20.0	0.0	
100	QPSK	1	271	19.75	19.92	19.88			
100	QPSK	135	0	19.77	19.92	19.86	20.0	0.0	
100	QPSK	135	69	19.79	19.93	19.79	20.0	0.0	
100	QPSK	135	138	19.77	19.87	19.81			
100	QPSK	270	0	19.85	19.95	19.87	20.0	0.0	
100	16QAM	1	1	19.82	19.90	19.81	20.0	0.0	
100	64QAM	1	1	19.80	19.83	19.81	20.0	0.0	
100	256QAM	1	1	19.85	19.86	19.86	20.0	0.0	
Channel				656000	662000				
Frequency (MHz)				3840	3920	3930	up		(dB)
90	QPSK	1	1	19.69	19.75	19.80	19.80	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740	3810	3940	up		(dB)
80	QPSK	1	1	19.65	19.83	19.77	20.0	0.0	
Channel				643666	650000	656334			
Frequency (MHz)				3735	3840	3945	up		(dB)
70	QPSK	1	1	19.61	19.77	19.71	20.0	0.0	
Channel				646666	656000	663334			
Frequency (MHz)				3730	3820	3950	up		(dB)
60	QPSK	1	1	19.68	19.75	19.70	20.0	0.0	
Channel				643000	650000	657000			
Frequency (MHz)				3728	3810	3950	up		(dB)
50	QPSK	1	1	19.72	19.79	19.71	20.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960	up		(dB)
40	QPSK	1	1	19.67	19.79	19.75	20.0	0.0	
Channel				647668	656000	664332			
Frequency (MHz)				3715	3820	3965	up		(dB)
30	QPSK	1	1	19.71	19.83	19.73	20.0	0.0	
Channel				646000	656000	664500			
Frequency (MHz)				3723	3840	3970	up		(dB)
25	QPSK	1	1	19.67	19.79	19.75	20.0	0.0	
Channel				647334	656000	664334			
Frequency (MHz)				3710	3810	3970	up		(dB)
20	QPSK	1	1	19.67	19.82	19.70	20.0	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707	3820	3970	up		(dB)
15	QPSK	1	1	19.65	19.79	19.75	20.0	0.0	
Channel				647000	656000	664500			
Frequency (MHz)				3705	3840	3975	up		(dB)
10	QPSK	1	1	19.62	19.82	19.79	20.0	0.0	

Part270 n77 PC2 Ant4 DS13									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	23.35	23.38	23.31			
100	1/2 BPSK	1	137	23.31	23.45	23.28	23.5	0.0	
100	1/2 BPSK	1	271	23.27	23.37	23.45			
100	1/2 BPSK	135	0	23.32	23.39	23.30	23.5	0.0	
100	1/2 BPSK	135	69	23.26	23.35	23.35	23.5	0.0	
100	1/2 BPSK	135	138	23.38	23.34	23.33	23.5	0.0	
100	1/2 BPSK	270	0	23.29	23.37	23.42	23.5	0.0	
100	QPSK	1	1	23.21	23.48	23.40			
100	QPSK	1	137	23.34	23.29	23.30	23.5	0.0	
100	QPSK	1	271	23.21	23.40	23.40			
100	QPSK	135	0	23.32	23.40	23.40	23.5	0.0	
100	QPSK	135	69	23.29	23.42	23.34	23.5	0.0	
100	QPSK	135	138	23.29	23.38	23.29			
100	QPSK	270	0	23.37	23.39	23.33	23.5	0.0	
100	16QAM	1	1	23.28	23.36	23.34	23.5	0.0	
100	64QAM	1	1	23.33	23.38	23.26	23.5	0.0	
100	256QAM	1	1	23.37	23.36	23.32	23.5	0.0	
Channel				648668	650000	662334	MPR up (dB)		
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	23.13	23.43	23.35	23.5	0.0	
Channel				649334	650000	662668	MPR up (dB)		
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	23.13	23.42	23.30	23.5	0.0	
Channel				649200	650000	663000	MPR up (dB)		
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	23.16	23.40	23.28	23.5	0.0	
Channel				648668	650000	663334	MPR up (dB)		
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	23.07	23.39	23.32	23.5	0.0	
Channel				648334	650000	663668	MPR up (dB)		
Frequency (MHz)				3725.01	3840	3965.02			
50	QPSK	1	1	23.08	23.35	23.31	23.5	0.0	
Channel				648000	650000	664000	MPR up (dB)		
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	23.08	23.35	23.32	23.5	0.0	
Channel				647668	650000	664334	MPR up (dB)		
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	23.10	23.37	23.28	23.5	0.0	
Channel				647500	650000	664500	MPR up (dB)		
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	23.10	23.33	23.28	23.5	0.0	
Channel				647234	650000	664668	MPR up (dB)		
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	23.12	23.34	23.35	23.5	0.0	
Channel				647168	650000	664834	MPR up (dB)		
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	23.16	23.41	23.33	23.5	0.0	
Channel				647000	650000	665000	MPR up (dB)		
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	23.09	23.38	23.26	23.5	0.0	

Part27Q n77 Ant4 DS13									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		19.55				
100	1/2 BPSK	1	137		19.49		20.0	0.0	
100	1/2 BPSK	1	271		19.53				
100	1/2 BPSK	135	0		19.49		20.0	0.0	
100	1/2 BPSK	135	69		19.50		20.0	0.0	
100	1/2 BPSK	135	138		19.51				
100	1/2 BPSK	270	0		19.54		20.0	0.0	
100	QPSK	1	1		19.58				
100	QPSK	1	137		19.51		20.0	0.0	
100	QPSK	1	271		19.44				
100	QPSK	135	0		19.55		20.0	0.0	
100	QPSK	135	69		19.55		20.0	0.0	
100	QPSK	135	138		19.51				
100	QPSK	270	0		19.55		20.0	0.0	
100	16QAM	1	1		19.54		20.0	0.0	
100	64QAM	1	1		19.52		20.0	0.0	
100	256QAM	1	1		19.47		20.0	0.0	
Channel				633000	633334	633668	MPR up (dB)		
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	19.46	19.39	19.40	20.0	0.0	
Channel				632668	633334	634000	MPR up (dB)		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	19.46	19.38	19.44	20.0	0.0	
Channel				632334	633334	634334	MPR up (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	19.43	19.47	19.46	20.0	0.0	
Channel				632000	633334	634668	MPR up (dB)		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	19.40	19.39	19.39	20.0	0.0	
Channel				631668	633334	635000	MPR up (dB)		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	19.45	19.44	19.47	20.0	0.0	
Channel				631334	633334	635334	MPR up (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	19.48	19.48	19.44	20.0	0.0	
Channel				631000	633334	635668	MPR up (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	19.45	19.44	19.41	20.0	0.0	
Channel				630634	633334	635834	MPR up (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	19.49	19.46	19.43	20.0	0.0	
Channel				630368	633334	636000	MPR up (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	19.49	19.42	19.50	20.0	0.0	
Channel				630500	633334	636168	MPR up (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	19.44	19.42	19.48	20.0	0.0	
Channel				630334	633334	636334	MPR up (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	19.40	19.43	19.41	20.0	0.0	

Part27Q n77 PC2 Ant4 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit [dBm]	MPR [dB]	
Channel									
Frequency [MHz]				633334					
				3500 01					
100	1/2 BPSK	1	1		23.01				
100	1/2 BPSK	1	137		23.00		23.5		0.0
100	1/2 BPSK	1	271		22.99				
100	1/2 BPSK	135	0		23.00		23.5		0.0
100	1/2 BPSK	135	69		23.00		23.5		0.0
100	1/2 BPSK	135	138		22.98				
100	1/2 BPSK	270	0		23.08		23.5		0.0
100	QPSK	1	1		23.12				
100	QPSK	1	137		23.04		23.5		0.0
100	QPSK	1	271		23.00				
100	QPSK	135	0		23.07		23.5		0.0
100	QPSK	135	69		23.07		23.5		0.0
100	QPSK	135	138		22.97				
100	QPSK	270	0		23.08		23.5		0.0
100	16QAM	1	1		23.05		23.5		0.0
100	16QAM	1	1		23.05		23.5		0.0
100	256QAM	1	1		22.97				
Channel				633334					
				3490 00					
Frequency [MHz]				633001					
90	QPSK	1	1	23.02	23.02	23.02	23.5		0.0
Channel				632668					
				3500 01					
Frequency [MHz]				633001					
80	QPSK	1	1	22.97	23.07	22.97	23.5		0.0
Channel				633234					
				34334 00					
Frequency [MHz]				3465 01					
70	QPSK	1	1	23.00	23.04	22.99	23.5		0.0
Channel				632000					
				633334					
Frequency [MHz]				3480 00					
60	QPSK	1	1	23.07	23.03	22.98	23.5		0.0
Channel				631668					
				633334					
Frequency [MHz]				3475 02					
50	QPSK	1	1	23.01	23.05	23.03	23.5		0.0
Channel				631334					
				633334					
Frequency [MHz]				3470 01					
40	QPSK	1	1	23.03	23.06	22.98	23.5		0.0
Channel				632000					
				633334					
Frequency [MHz]				3465 00					
30	QPSK	1	1	23.08	23.00	23.03	23.5		0.0
Channel				630834					
				633334					
Frequency [MHz]				3462 31					
25	QPSK	1	1	23.03	22.98	23.08	23.5		0.0
Channel				630668					
				633334					
Frequency [MHz]				3500 02					
20	QPSK	1	1	22.98	23.04	23.06	23.5		0.0
Channel				630500					
				633334					
Frequency [MHz]				3497 32					
15	QPSK	1	1	23.02	22.98	23.01	23.5		0.0
Channel				633334					
				633334					
Frequency [MHz]				3455 01					
10	QPSK	1	1	22.98	23.02	23.01	23.5		0.0

Part270 n78 PC2 Ant4 DSI3									
BW MHz	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1		22.87				
100	1/2 BPS	1	137		22.71		23.0	0.0	
100	1/2 BPS	1	271		22.79				
100	1/2 BPS	135	0		22.83		23.0	0.0	
100	1/2 BPS	135	69		22.75		23.0	0.0	
100	1/2 BPS	135	138		22.73				
100	1/2 BPS	270	0		22.80		23.0	0.0	
100	QPSK	1	1		22.95				
100	QPSK	1	137		22.82		23.0	0.0	
100	QPSK	1	271		22.77				
100	QPSK	135	0		22.78		23.0	0.0	
100	QPSK	135	69		22.91		23.0	0.0	
100	QPSK	135	138		22.88				
100	QPSK	270	0		22.70		23.0	0.0	
100	16QAM	1	1		22.81		23.0	0.0	
100	64QAM	1	1		22.85		23.0	0.0	
100	256QAM	1	1		22.84		23.0	0.0	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1		22.83	22.89	22.91	23.0	0.0
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1		22.87	22.86	22.86	23.0	0.0
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1		22.81	22.89	22.80	23.0	0.0
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1		22.82	22.88	22.90	23.0	0.0
Channel				649334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1		22.84	22.88	22.91	23.0	0.0
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1		22.82	22.84	22.82	23.0	0.0
Channel				647668	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1		22.85	22.83	22.81	23.0	0.0
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1		22.83	22.84	22.81	23.0	0.0
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1		22.80	22.83	22.88	23.0	0.0
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1		22.86	22.88	22.91	23.0	0.0
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1		22.84	22.85	22.90	23.0	0.0

Part27Q n78 Ant4 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		19.08				
100	1/2 BPS	1	137		19.05		19.5	0.0	
100	1/2 BPS	1	271		19.13				
100	1/2 BPS	135	0		19.11		19.5	0.0	
100	1/2 BPS	135	69		19.05		19.5	0.0	
100	1/2 BPS	135	138		19.08				
100	1/2 BPS	270	0		19.14		19.5	0.0	
100	QPSK	1	1		19.15				
100	QPSK	1	137		19.07		19.5	0.0	
100	QPSK	1	271		19.14				
100	QPSK	135	0		19.10		19.5	0.0	
100	QPSK	135	69		19.14		19.5	0.0	
100	QPSK	135	138		19.06				
100	QPSK	270	0		19.15		19.5	0.0	
100	16QAM	1	1		19.13		19.5	0.0	
100	64QAM	1	1		19.10		19.5	0.0	
100	256QAM	1	1		19.06		19.5	0.0	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1		19.03	18.96	19.03	19.5	0.0
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1		19.00	19.04	19.01	19.5	0.0
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1		19.02	18.96	18.94	19.5	0.0
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1		18.95	18.94	18.96	19.5	0.0
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1		18.95	18.97	18.93	19.5	0.0
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1		19.02	18.94	19.01	19.5	0.0
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1		18.94	19.02	18.96	19.5	0.0
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1		19.00	18.97	18.98	19.5	0.0
Channel				630668	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1		19.05	18.99	19.03	19.5	0.0
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1		18.96	19.05	18.96	19.5	0.0
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1		18.96	18.98	19.02	19.5	0.0

Part27Q n78 PC2 Ant4 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		22.53				
100	1/2 BPS	1	137		22.58		23.0	0.0	
100	1/2 BPS	1	271		22.56				
100	1/2 BPS	135	0		22.57		23.0	0.0	
100	1/2 BPS	135	69		22.57		23.0	0.0	
100	1/2 BPS	135	138		22.55				
100	1/2 BPS	270	0		22.59		23.0	0.0	
100	QPSK	1	1		22.70				
100	QPSK	1	137		22.54		23.0	0.0	
100	QPSK	1	271		22.69				
100	QPSK	135	0		22.63		23.0	0.0	
100	QPSK	135	69		22.66		23.0	0.0	
100	QPSK	135	138		22.54				
100	QPSK	270	0		22.66		23.0	0.0	
100	16QAM	1	1		22.63		23.0	0.0	
100	64QAM	1	1		22.57		23.0	0.0	
100	256QAM	1	1		22.59		23.0	0.0	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1		22.58	22.63	22.55	23.0	0.0
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1		22.66	22.54	22.63	23.0	0.0
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1		22.59	22.60	22.61	23.0	0.0
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1		22.66	22.66	22.56	23.0	0.0
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525.03	up	(dB)	
50	QPSK	1	1		22.57	22.56	22.56	23.0	0.0
Channel				631334	633334	633334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1		22.65	22.60	22.64	23.0	0.0
Channel				631000	633334	633668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1		22.55	22.64	22.64	23.0	0.0
Channel				630834	633334	633834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1		22.65	22.57	22.54	23.0	0.0
Channel				630668	633334	633834	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1		22.58	22.63	22.63	23.0	0.0
Channel				630500	633334	633668	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1		22.57	22.55	22.63	23.0	0.0
Channel				630334	633334	633334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1		22.57	22.57	22.56	23.0	0.0

n7 Ant6 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	20.71	20.71	20.66			
50	1/2 BPSK	1	135	20.79	20.72	20.76	21.0	0.0	
50	1/2 BPSK	1	268	20.73	20.70	20.75			
50	1/2 BPSK	135	0	20.70	20.80	20.70	21.0	0.0	
50	1/2 BPSK	135	68	20.71	20.71	20.74	21.0	0.0	
50	1/2 BPSK	135	135	20.75	20.78	20.70	21.0	0.0	
50	1/2 BPSK	270	0	20.72	20.70	20.71			
50	QPSK	1	1	20.70	20.81	20.66			
50	QPSK	1	135	20.76	20.73	20.75	21.0	0.0	
50	QPSK	1	268	20.69	20.74	20.67			
50	QPSK	135	0	20.71	20.70	20.68	21.0	0.0	
50	QPSK	135	68	20.76	20.78	20.67	21.0	0.0	
50	QPSK	135	135	20.71	20.72	20.69			
50	QPSK	270	0	20.72	20.77	20.76	21.0	0.0	
50	16QAM	1	1	20.70	20.72	20.77	21.0	0.0	
50	64QAM	1	1	20.79	20.73	20.68	21.0	0.0	
50	256QAM	1	1	20.69	20.74	20.71	21.0	0.0	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	20.64	20.64	20.58	21.0	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	20.58	20.57	20.61	21.0	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	20.61	20.58	20.50	21.0	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	20.62	20.65	20.51	21.0	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	20.64	20.59	20.55	21.0	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	20.57	20.55	20.57	21.0	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	20.58	20.65	20.62	21.0	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	20.64	20.56	20.60	21.0	0.0	

n66 Ant6 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	20.38	20.50	20.44			
45	1/2 BPSK	1	120	20.38	20.49	20.50	21.0	0.0	
45	1/2 BPSK	1	240	20.48	20.47	20.53			
45	1/2 BPSK	120	0	20.38	20.50	20.46	21.0	0.0	
45	1/2 BPSK	120	60	20.41	20.55	20.47	21.0	0.0	
45	1/2 BPSK	120	120	20.48	20.48	20.45	21.0	0.0	
45	1/2 BPSK	240	0	20.40	20.51	20.51			
45	QPSK	1	1	20.41	20.56	20.42			
45	QPSK	1	120	20.44	20.46	20.47	21.0	0.0	
45	QPSK	1	240	20.38	20.47	20.45			
45	QPSK	120	0	20.40	20.47	20.44	21.0	0.0	
45	QPSK	120	60	20.49	20.54	20.46	21.0	0.0	
45	QPSK	120	120	20.43	20.50	20.46			
45	QPSK	240	0	20.49	20.51	20.49	21.0	0.0	
45	16QAM	1	1	20.38	20.53	20.42	21.0	0.0	
45	64QAM	1	1	20.44	20.55	20.48	21.0	0.0	
45	256QAM	1	1	20.47	20.46	20.48	21.0	0.0	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	20.26	20.39	20.30	21.0	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	20.33	20.34	20.27	21.0	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	20.29	20.39	20.33	21.0	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	20.35	20.37	20.27	21.0	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	20.25	20.35	20.30	21.0	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	20.37	20.41	20.28	21.0	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.26	20.32	20.27	21.0	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	20.36	20.32	20.27	21.0	0.0	

n38 Ant6 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				518004	519000	519996			
Channel				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	20.62	20.59	20.61			
40	1/2 BPSK	1	53	20.61	20.58	20.59	21.0	0.0	
40	1/2 BPSK	1	104	20.61	20.64	20.56			
40	1/2 BPSK	50	0	20.56	20.63	20.53	21.0	0.0	
40	1/2 BPSK	50	26	20.57	20.65	20.53	21.0	0.0	
40	1/2 BPSK	50	56	20.63	20.56	20.52			
40	1/2 BPSK	100	0	20.58	20.66	20.54	21.0	0.0	
40	QPSK	1	1	20.59	20.67	20.61			
40	QPSK	1	53	20.63	20.55	20.55	21.0	0.0	
40	QPSK	1	104	20.61	20.57	20.57			
40	QPSK	50	0	20.56	20.56	20.57	21.0	0.0	
40	QPSK	50	26	20.60	20.66	20.56	21.0	0.0	
40	QPSK	50	56	20.63	20.60	20.55			
40	QPSK	100	0	20.52	20.57	20.53	21.0	0.0	
40	16QAM	1	1	20.61	20.56	20.61	21.0	0.0	
40	64QAM	1	1	20.59	20.64	20.61	21.0	0.0	
40	256QAM	1	1	20.54	20.57	20.51	21.0	0.0	
Channel				517002	516000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	20.49	20.48	20.46	21.0	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	20.46	20.47	20.54	21.0	0.0	
Channel				515000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	20.53	20.51	20.56	21.0	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	20.54	20.51	20.46	21.0	0.0	
Channel				515004	519000	522500			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	20.49	20.46	20.53	21.0	0.0	

n41 Ant6 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				509002	516598	526000			
Channel				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	20.05	20.14	19.93			
100	1/2 BPSK	1	137	20.13	20.10	19.97	20.5	0.0	
100	1/2 BPSK	1	271	20.14	20.12	20.00			
100	1/2 BPSK	135	0	20.04	20.18	19.97	20.5	0.0	
100	1/2 BPSK	135	69	20.14	20.16	19.94	20.5	0.0	
100	1/2 BPSK	135	138	20.06	20.17	19.97			
100	1/2 BPSK	270	0	20.05	20.13	19.95	20.5	0.0	
100	QPSK	1	1	20.05	20.15	20.03			
100	QPSK	1	137	20.08	20.07	19.91	20.5	0.0	
100	QPSK	1	271	20.11	20.09	19.95			
100	QPSK	135	0	20.12	20.11	19.99	20.5	0.0	
100	QPSK	135	69	20.13	20.16	20.02	20.5	0.0	
100	QPSK	135	138	20.13	20.15	19.92			
100	QPSK	270	0	20.04	20.19	19.95	20.5	0.0	
100	16QAM	1	1	20.14	20.15	19.91	20.5	0.0	
100	64QAM	1	1	20.08	20.12	19.98	20.5	0.0	
100	256QAM	1	1	20.12	20.12	19.99	20.5	0.0	
Channel				505000	516598	526000			
Frequency (MHz)				2541	2592.99	2644.99			
90	QPSK	1	1	19.97	19.92	19.93	20.5	0.0	
Channel				507204	516598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	19.99	19.94	19.90	20.5	0.0	
Channel				505002	516598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.96	19.93	19.97	20.5	0.0	
Channel				505000	516598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.93	19.98	19.92	20.5	0.0	
Channel				504204	516598	532000			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	19.91	20.03	19.99	20.5	0.0	
Channel				503700	516598	533496			
Frequency (MHz)				2516.5	2592.99	2667.48			
45	QPSK	1	1	19.96	20.03	19.88	20.5	0.0	
Channel				503002	516598	533000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.89	19.94	19.95	20.5	0.0	
Channel				502704	516598	534498			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	19.92	19.95	19.94	20.5	0.0	
Channel				502200	516598	533998			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.90	19.98	19.94	20.5	0.0	
Channel				501702	516598	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	19.91	20.01	19.93	20.5	0.0	
Channel				501204	516598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	19.92	20.02	19.87	20.5	0.0	
Channel				500700	516598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	20.01	19.94	19.88	20.5	0.0	
Channel				500202	516598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	19.95	20.01	19.97	20.5	0.0	

n48 Ant6 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit [dBm]	MPR	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	18.57	18.62	18.57			
40	1/2 BPSK	1	53	18.65	18.66	18.60	20.1	0.0	
40	1/2 BPSK	1	104	18.54	18.69	18.61			
40	1/2 BPSK	50	0	18.60	18.61	18.54	20.1	0.0	
40	1/2 BPSK	50	26	18.63	18.61	18.59	20.1	0.0	
40	1/2 BPSK	50	56	18.63	18.63	18.57			
40	1/2 BPSK	100	0	18.57	18.61	18.56	20.1	0.0	
40	QPSK	1	1	18.54	18.78	18.56			
40	QPSK	1	53	18.61	18.65	18.53	20.1	0.0	
40	QPSK	1	104	18.53	18.59	18.63			
40	QPSK	50	0	18.55	18.71	18.54	20.1	0.0	
40	QPSK	50	26	18.54	18.73	18.60	20.1	0.0	
40	QPSK	50	56	18.54	18.60	18.62			
40	QPSK	100	0	18.54	18.66	18.56	20.1	0.0	
40	16QAM	1	1	18.54	18.66	18.56	20.1	0.0	
40	64QAM	1	1	18.62	18.69	18.58	20.1	0.0	
40	256QAM	1	1	17.49	17.69	17.53	19.1	1.0	
Channel				637668	641666	645998			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	18.47	18.55	18.47	20.1	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.00	3624.99	3680.00			
20	QPSK	1	1	18.43	18.55	18.42	20.1	0.0	
Channel				637168	641666	646166			
Frequency (MHz)				3557.52	3624.99	3692.49			
15	QPSK	1	1	18.43	18.51	18.40	20.1	0.0	
Channel				637000	641666	646332			
Frequency (MHz)				3555.00	3624.99	3694.98			
10	QPSK	1	1	18.47	18.55	18.40	20.1	0.0	

Part270 n77 PC2 Ant6 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	21.94	22.17	21.95			
100	1/2 BPSK	1	137	22.03	22.16	21.96	23.3	0.0	
100	1/2 BPSK	1	271	22.14	22.20	22.04			
100	1/2 BPSK	135	0	22.02	22.18	21.96	23.3	0.0	
100	1/2 BPSK	135	69	22.05	22.11	21.99	23.3	0.0	
100	1/2 BPSK	135	138	22.09	22.13	21.90	23.3	0.0	
100	1/2 BPSK	270	0	22.04	22.13	21.94			
100	QPSK	1	1	22.07	22.26	21.96			
100	QPSK	1	137	22.06	22.21	21.97	23.3	0.0	
100	QPSK	1	271	22.02	22.11	21.97			
100	QPSK	135	0	22.08	22.15	21.92	23.3	0.0	
100	QPSK	135	69	21.99	22.16	21.93	23.3	0.0	
100	QPSK	135	138	22.09	22.12	21.87			
100	QPSK	270	0	22.11	22.12	21.98			
100	16QAM	1	1	22.04	22.11	21.91	23.3	0.0	
100	64QAM	1	1	21.97	22.19	21.99	23.3	0.0	
100	256QAM	1	1	22.02	22.12	22.00	23.3	0.0	
Channel									
Frequency (MHz)				3745.02	3840	3935.01		MPR (dB)	
90	QPSK	1	1	21.95	22.22	21.85	23.3	0.0	
Channel									
Frequency (MHz)				3740.01	3840	3940.02		MPR (dB)	
80	QPSK	1	1	21.93	22.13	21.88	23.3	0.0	
Channel									
Frequency (MHz)				3735	3840	3945		MPR (dB)	
70	QPSK	1	1	21.93	22.17	21.84	23.3	0.0	
Channel									
Frequency (MHz)				3730.02	3840	3950.01		MPR (dB)	
60	QPSK	1	1	21.99	22.14	21.80	23.3	0.0	
Channel									
Frequency (MHz)				3725.01	3840	3955.02		MPR (dB)	
50	QPSK	1	1	21.94	22.13	21.86	23.3	0.0	
Channel									
Frequency (MHz)				3720	3840	3960		MPR (dB)	
40	QPSK	1	1	21.92	22.11	21.81	23.3	0.0	
Channel									
Frequency (MHz)				3715.02	3840	3965.01		MPR (dB)	
30	QPSK	1	1	21.95	22.20	21.86	23.3	0.0	
Channel									
Frequency (MHz)				3710.01	3840	3970.02		MPR (dB)	
25	QPSK	1	1	21.91	22.14	21.81	23.3	0.0	
Channel									
Frequency (MHz)				3707.52	3840	3972.51		MPR (dB)	
20	QPSK	1	1	21.96	22.15	21.90	23.3	0.0	
Channel									
Frequency (MHz)				3707.52	3840	3972.51		MPR (dB)	
15	QPSK	1	1	21.96	22.17	21.83	23.3	0.0	
Channel									
Frequency (MHz)				3707.52	3840	3972.51		MPR (dB)	
10	QPSK	1	1	21.95	22.16	21.82	23.3	0.0	

Part27Q n77 Ant6 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		18.69				
100	1/2 BPSK	1	137		18.68		20.3		0.0
100	1/2 BPSK	1	271		18.60				
100	1/2 BPSK	135	0		18.60		20.3		0.0
100	1/2 BPSK	135	69		18.59		20.3		0.0
100	1/2 BPSK	135	138		18.63		20.3		0.0
100	1/2 BPSK	270	0		18.64				
100	QPSK	1	1		18.71				
100	QPSK	1	137		18.67		20.3		0.0
100	QPSK	1	271		18.67				
100	QPSK	135	0		18.63		20.3		0.0
100	QPSK	135	69		18.65		20.3		0.0
100	QPSK	135	138		18.60				
100	QPSK	270	0		18.61				
100	16QAM	1	1		18.63		20.3		0.0
100	64QAM	1	1		18.67		20.3		0.0
100	256QAM	1	1		18.70		20.3		0.0
Channel				633000	633334	633668		MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	18.49	18.56	18.56	20.3		0.0
Channel				632668	633334	634000		MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	18.54	18.53	18.50	20.3		0.0
Channel				632334	633334	634334		MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	18.53	18.56	18.52	20.3		0.0
Channel				632000	633334	634668		MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.55	18.60	18.58	20.3		0.0
Channel				631668	633334	635000		MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	18.56	18.61	18.58	20.3		0.0
Channel				631334	633334	635334		MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.51	18.59	18.60	20.3		0.0
Channel				631000	633334	635668		MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	18.52	18.51	18.58	20.3		0.0
Channel				630834	633334	635834		MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	18.52	18.54	18.57	20.3		0.0
Channel				630668	633334	636000		MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	18.51	18.53	18.50	20.3		0.0
Channel				630500	633334	636168		MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	18.51	18.58	18.60	20.3		0.0
Channel				630334	633334	636334		MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	18.60	18.50	18.59	20.3		0.0

Part27Q n77 PC2 Ant6 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01	633334			3500.01	
100	1/2 BPSK	1	1		21.71				
100	1/2 BPSK	1	137		21.70		23.3	0.0	
100	1/2 BPSK	1	271		21.60				
100	1/2 BPSK	135	0		21.59		23.3	0.0	
100	1/2 BPSK	135	69		21.65		23.3	0.0	
100	1/2 BPSK	135	138		21.67		23.3	0.0	
100	1/2 BPSK	270	0		21.67				
100	QPSK	1	1		21.73				
100	QPSK	1	137		21.64		23.3	0.0	
100	QPSK	1	271		21.69				
100	QPSK	135	0		21.63		23.3	0.0	
100	QPSK	135	69		21.66		23.3	0.0	
100	QPSK	135	138		21.66		23.3	0.0	
100	QPSK	270	0		21.65		23.3	0.0	
100	16QAM	1	1		21.64		23.3	0.0	
100	64QAM	1	1		21.69		23.3	0.0	
100	256QAM	1	1		21.65		23.3	0.0	
Channel									
Frequency (MHz)				3495	3500.01	3505.02		3495.02	
90	QPSK	1	1	21.65	21.62	21.57			
Channel				332668	633334	634000		332668	
80	QPSK	1	1	21.61	21.62	21.62	23.3	0.0	
Channel				332334	633334	633334		332334	
Frequency (MHz)				3485.01	3500.01	3515.01		3485.01	
70	QPSK	1	1	21.54	21.53	21.54	23.3	0.0	
Channel				632000	633334	634668		632000	
Frequency (MHz)				3480	3500.01	3520.02		3480	
60	QPSK	1	1	21.54	21.57	21.54	23.3	0.0	
Channel				631668	633334	633000		631668	
Frequency (MHz)				3475.02	3500.01	3525		3475.02	
50	QPSK	1	1	21.64	21.63	21.62	23.3	0.0	
Channel				631334	633334	633334		631334	
Frequency (MHz)				3470.01	3500.01	3530.01		3470.01	
40	QPSK	1	1	21.62	21.56	21.58	23.3	0.0	
Channel				632000	633334	633668		632000	
Frequency (MHz)				3465	3500.01	3535.02		3465	
30	QPSK	1	1	21.60	21.64	21.58	23.3	0.0	
Channel				630834	633334	633834		630834	
Frequency (MHz)				3462.51	3500.01	3537.51		3462.51	
25	QPSK	1	1	21.58	21.54	21.60	23.3	0.0	
Channel				630668	633334	633000		630668	
Frequency (MHz)				3460.02	3500.01	3540		3460.02	
20	QPSK	1	1	21.63	21.63	21.53	23.3	0.0	
Channel				630500	633334	633168		630500	
Frequency (MHz)				3457.5	3500.01	3542.52		3457.5	
15	QPSK	1	1	21.54	21.46	21.63	23.3	0.0	
Channel				630334	633334	633334		630334	
Frequency (MHz)				3455.01	3500.01	3545.01		3455.01	
10	QPSK	1	1	21.63	21.57	21.54	23.3	0.0	

Part270 n78 PC2 Ant6 DSI3									
BW MHz	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1		21.64				
100	1/2 BPS	1	137		21.65		22.8	0.0	
100	1/2 BPS	1	271		21.68				
100	1/2 BPS	135	0		21.67		22.8	0.0	
100	1/2 BPS	135	69		21.69		22.8	0.0	
100	1/2 BPS	135	138		21.73				
100	1/2 BPS	270	0		21.71		22.8	0.0	
100	QPSK	1	1		21.75				
100	QPSK	1	137		21.66		22.8	0.0	
100	QPSK	1	271		21.67				
100	QPSK	135	0		21.69		22.8	0.0	
100	QPSK	135	69		21.71		22.8	0.0	
100	QPSK	135	138		21.66				
100	QPSK	270	0		21.62		22.8	0.0	
100	16QAM	1	1		21.65		22.8	0.0	
100	64QAM	1	1		21.62		22.8	0.0	
100	256QAM	1	1		21.66		22.8	0.0	
Channel				649668	650000	650334	MPR		
Frequency (MHz)				3745.02	3750	3755.01	up		
90	QPSK	1	1	21.59	21.58	21.57	22.8	0.0	
Channel				649334	650000	650668	MPR		
Frequency (MHz)				3740.01	3750	3760.02	up		
80	QPSK	1	1	21.52	21.51	21.57	22.8	0.0	
Channel				649000	650000	651000	MPR		
Frequency (MHz)				3735	3750	3765	up		
70	QPSK	1	1	21.52	21.55	21.52	22.8	0.0	
Channel				648668	650000	651334	MPR		
Frequency (MHz)				3730.02	3750	3770.01	up		
60	QPSK	1	1	21.57	21.52	21.57	22.8	0.0	
Channel				648334	650000	651668	MPR		
Frequency (MHz)				3725.01	3750	3775.02	up		
50	QPSK	1	1	21.58	21.54	21.57	22.8	0.0	
Channel				648000	650000	652000	MPR		
Frequency (MHz)				3720	3750	3780	up		
40	QPSK	1	1	21.53	21.57	21.58	22.8	0.0	
Channel				647668	650000	652334	MPR		
Frequency (MHz)				3715.02	3750	3785.01	up		
30	QPSK	1	1	21.56	21.61	21.57	22.8	0.0	
Channel				647500	650000	652500	MPR		
Frequency (MHz)				3712.5	3750	3787.5	up		
25	QPSK	1	1	21.55	21.56	21.53	22.8	0.0	
Channel				647334	650000	652668	MPR		
Frequency (MHz)				3710.01	3750	3790.02	up		
20	QPSK	1	1	21.59	21.58	21.55	22.8	0.0	
Channel				647168	650000	652834	MPR		
Frequency (MHz)				3707.52	3750	3792.51	up		
15	QPSK	1	1	21.57	21.56	21.58	22.8	0.0	
Channel				647000	650000	653000	MPR		
Frequency (MHz)				3705	3750	3795	up		
10	QPSK	1	1	21.58	21.60	21.53	22.8	0.0	

Part27Q n78 Ant6 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		18.20				
100	1/2 BPS	1	137		18.17		19.8	0.0	
100	1/2 BPS	1	271		18.28				
100	1/2 BPS	135	0		18.26		19.8	0.0	
100	1/2 BPS	135	69		18.26		19.8	0.0	
100	1/2 BPS	135	138		18.23				
100	1/2 BPS	270	0		18.22		19.8	0.0	
100	QPSK	1	1		18.29				
100	QPSK	1	137		18.21		19.8	0.0	
100	QPSK	1	271		18.19				
100	QPSK	135	0		18.17		19.8	0.0	
100	QPSK	135	69		18.23		19.8	0.0	
100	QPSK	135	138		18.22				
100	QPSK	270	0		18.23		19.8	0.0	
100	16QAM	1	1		18.26		19.8	0.0	
100	64QAM	1	1		18.21		19.8	0.0	
100	256QAM	1	1		18.20		19.8	0.0	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	18.20	18.16	18.21	19.8	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	18.22	18.20	18.23	19.8	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	18.22	18.18	18.15	19.8	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	18.17	18.13	18.13	19.8	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	18.17	18.22	18.19	19.8	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	18.16	18.17	18.17	19.8	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	18.11	18.20	18.18	19.8	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	18.14	18.22	18.12	19.8	0.0	
Channel				630500	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	18.17	18.19	18.14	19.8	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	18.18	18.15	18.19	19.8	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	18.16	18.20	18.17	19.8	0.0	

Part27Q n78 PC2 Ant6 DSI3									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		21.24				
100	1/2 BPS	1	137		21.12		22.8	0.0	
100	1/2 BPS	1	271		21.31				
100	1/2 BPS	135	0		21.22		22.8	0.0	
100	1/2 BPS	135	69		21.23		22.8	0.0	
100	1/2 BPS	135	138		21.25				
100	1/2 BPS	270	0		21.18		22.8	0.0	
100	QPSK	1	1		21.32				
100	QPSK	1	137		21.19		22.8	0.0	
100	QPSK	1	271		21.22				
100	QPSK	135	0		21.20		22.8	0.0	
100	QPSK	135	69		21.29		22.8	0.0	
100	QPSK	135	138		21.28				
100	QPSK	270	0		21.27		22.8	0.0	
100	16QAM	1	1		21.31		22.8	0.0	
100	64QAM	1	1		21.23		22.8	0.0	
100	256QAM	1	1		21.20		22.8	0.0	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	21.15	21.16	21.15	22.8	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	21.13	21.08	21.19	22.8	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	21.19	21.10	21.09	22.8	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	21.12	21.14	21.16	22.8	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	21.18	21.19	21.13	22.8	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	21.13	21.17	21.11	22.8	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3536.02	up		
30	QPSK	1	1	21.17	21.16	21.09	22.8	0.0	
Channel				630634	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	21.12	21.19	21.14	22.8	0.0	
Channel				630268	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	21.11	21.11	21.11	22.8	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	21.16	21.12	21.12	22.8	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	21.18	21.11	21.18	22.8	0.0	

n7 Ant7 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	19.70	19.81	19.68			
50	1/2 BPSK	1	135	19.74	19.75	19.70	20.8	0.0	
50	1/2 BPSK	1	268	19.70	19.75	19.71			
50	1/2 BPSK	135	0	19.65	19.75	19.75	20.8	0.0	
50	1/2 BPSK	135	68	19.70	19.73	19.71	20.8	0.0	
50	1/2 BPSK	135	135	19.64	19.71	19.76	20.8	0.0	
50	1/2 BPSK	270	0	19.69	19.79	19.66			
50	QPSK	1	1	19.64	19.85	19.73			
50	QPSK	1	135	19.67	19.78	19.67	20.8	0.0	
50	QPSK	1	268	19.70	19.78	19.75			
50	QPSK	135	0	19.69	19.70	19.74	20.8	0.0	
50	QPSK	135	68	19.71	19.79	19.69	20.8	0.0	
50	QPSK	135	135	19.65	19.70	19.72	20.8	0.0	
50	QPSK	270	0	19.66	19.76	19.73			
50	16QAM	1	1	19.64	19.74	19.66	20.8	0.0	
50	64QAM	1	1	19.70	19.76	19.75	20.8	0.0	
50	256QAM	1	1	18.14	18.19	18.27	19.3	1.5	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	19.56	19.62	19.58	20.8	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	19.51	19.55	19.68	20.8	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	19.59	19.55	19.69	20.8	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	19.55	19.65	19.59	20.8	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	19.57	19.60	19.63	20.8	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	19.48	19.64	19.68	20.8	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	19.58	19.65	19.62	20.8	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	19.55	19.62	19.62	20.8	0.0	

n66 Ant7 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	19.50	19.58	19.53			
45	1/2 BPSK	1	120	19.52	19.63	19.50	20.7	0.0	
45	1/2 BPSK	1	240	19.47	19.56	19.60			
45	1/2 BPSK	120	0	19.47	19.64	19.54	20.7	0.0	
45	1/2 BPSK	120	60	19.57	19.56	19.51	20.7	0.0	
45	1/2 BPSK	120	120	19.49	19.54	19.56	20.7	0.0	
45	1/2 BPSK	240	0	19.53	19.54	19.51			
45	QPSK	1	1	19.51	19.65	19.50			
45	QPSK	1	120	19.55	19.61	19.61	20.7	0.0	
45	QPSK	1	240	19.47	19.55	19.56			
45	QPSK	120	0	19.56	19.54	19.53	20.7	0.0	
45	QPSK	120	60	19.48	19.61	19.56	20.7	0.0	
45	QPSK	120	120	19.51	19.60	19.57	20.7	0.0	
45	QPSK	240	0	19.55	19.62	19.59			
45	16QAM	1	1	19.56	19.53	19.59	20.7	0.0	
45	64QAM	1	1	19.48	19.54	19.56	20.7	0.0	
45	256QAM	1	1	17.46	17.66	17.54	18.7	2.0	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	19.35	19.51	19.44	20.7	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	19.39	19.53	19.41	20.7	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	19.42	19.44	19.41	20.7	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	19.36	19.56	19.39	20.7	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	19.36	19.44	19.38	20.7	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	19.44	19.53	19.37	20.7	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	19.45	19.45	19.44	20.7	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	19.37	19.52	19.38	20.7	0.0	

n38 Ant7 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	19.75	19.77	19.73			
40	1/2 BPSK	1	53	19.74	19.74	19.74	20.6	0.0	
40	1/2 BPSK	1	104	19.79	19.81	19.82			
40	1/2 BPSK	50	0	19.70	19.82	19.77	20.6	0.0	
40	1/2 BPSK	50	28	19.78	19.81	19.73	20.6	0.0	
40	1/2 BPSK	50	56	19.66	19.72	19.78			
40	1/2 BPSK	100	0	19.66	19.80	19.82	20.6	0.0	
40	QPSK	1	1	19.75	19.83	19.79			
40	QPSK	1	53	19.72	19.74	19.73	20.6	0.0	
40	QPSK	1	104	19.66	19.74	19.68			
40	QPSK	50	0	19.74	19.81	19.76	20.6	0.0	
40	QPSK	50	28	19.76	19.83	19.76	20.6	0.0	
40	QPSK	50	56	19.78	19.76	19.79			
40	QPSK	100	0	19.70	19.80	19.75	20.6	0.0	
40	16QAM	1	1	19.79	19.81	19.76	20.6	0.0	
40	64QAM	1	1	19.77	19.80	19.80	20.6	0.0	
40	256QAM	1	1	17.74	17.71	17.76	19.1	1.5	
Channel				517002	519000	520998	tune-up limit	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	19.24	19.35	19.28	20.6	0.0	
Channel				516504	519000	521496	tune-up limit	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	19.23	19.30	19.30	20.6	0.0	
Channel				516000	519000	522000	tune-up limit	MPR (dB)	
Frequency (MHz)				2560	2595	2610			
20	QPSK	1	1	19.24	19.35	19.31	20.6	0.0	
Channel				515502	519000	522498	tune-up limit	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	19.24	19.35	19.32	20.6	0.0	
Channel				515004	519000	522996	tune-up limit	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	19.24	19.31	19.28	20.6	0.0	

n41 Ant7 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	19.22	19.32	19.22			
100	1/2 BPSK	1	137	19.17	19.32	19.22	20.2	0.0	
100	1/2 BPSK	1	271	19.13	19.35	19.17			
100	1/2 BPSK	135	0	19.17	19.24	19.25	20.2	0.0	
100	1/2 BPSK	135	69	19.20	19.33	19.22	20.2	0.0	
100	1/2 BPSK	135	138	19.19	19.34	19.19			
100	1/2 BPSK	270	0	19.16	19.29	19.17	20.2	0.0	
100	QPSK	1	1	19.22	19.36	19.16			
100	QPSK	1	137	19.18	19.27	19.22	20.2	0.0	
100	QPSK	1	271	19.13	19.32	19.16			
100	QPSK	135	0	19.16	19.32	19.19	20.2	0.0	
100	QPSK	135	69	19.15	19.33	19.25	20.2	0.0	
100	QPSK	135	138	19.16	19.24	19.26			
100	QPSK	270	0	19.17	19.28	19.27	20.2	0.0	
100	16QAM	1	1	19.23	19.28	19.18	20.2	0.0	
100	64QAM	1	1	19.17	19.30	19.28	20.2	0.0	
100	256QAM	1	1	18.27	18.35	18.21	19.2	1.0	
Channel				508200	518598	528996	tune-up limit	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	19.11	19.24	19.04	20.2	0.0	
Channel				507204	518598	529998	tune-up limit	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	19.10	19.23	19.11	20.2	0.0	
Channel				506202	518598	531000	tune-up limit	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.11	19.24	19.06	20.2	0.0	
Channel				505200	518598	531996	tune-up limit	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.08	19.19	19.08	20.2	0.0	
Channel				504204	518598	532998	tune-up limit	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	19.08	19.28	19.06	20.2	0.0	
Channel				503700	518598	533496	tune-up limit	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	19.17	19.19	19.06	20.2	0.0	
Channel				503202	518598	534000	tune-up limit	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.06	19.25	19.01	20.2	0.0	
Channel				502704	518598	534498	tune-up limit	MPR (dB)	
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	19.18	19.26	19.06	20.2	0.0	
Channel				502200	518598	534996	tune-up limit	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.11	19.30	19.01	20.2	0.0	
Channel				501702	518598	535500	tune-up limit	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	19.06	19.19	19.09	20.2	0.0	
Channel				501204	518598	535998	tune-up limit	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	19.07	19.21	19.08	20.2	0.0	
Channel				500700	518598	536496	tune-up limit	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	19.18	19.27	19.03	20.2	0.0	
Channel				500202	518598	537000	tune-up limit	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	19.06	19.28	19.01	20.2	0.0	

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BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel				65000	65000	65000		
Frequency (MHz)				3760	3840	3930		
100	1/2 BPSK	1	1	20.42	20.68	20.53		
100	1/2 BPSK	1	137	20.54	20.58	20.59	22.2	0.0
100	1/2 BPSK	1	271	20.48	20.64	20.55		
100	1/2 BPSK	135	0	20.39	20.63	20.51	22.2	0.0
100	1/2 BPSK	135	69	20.50	20.67	20.56	22.2	0.0
100	1/2 BPSK	135	138	20.41	20.58	20.55	22.2	0.0
100	1/2 BPSK	270	0	20.48	20.58	20.58		
100	QPSK	1	1	20.37	20.69	20.52		
100	QPSK	1	137	20.47	20.59	20.57	22.2	0.0
100	QPSK	1	271	20.43	20.63	20.54		
100	QPSK	135	0	20.46	20.60	20.60	22.2	0.0
100	QPSK	135	69	20.52	20.67	20.57	22.2	0.0
100	QPSK	135	138	20.53	20.66	20.59		
100	QPSK	270	0	20.47	20.69	20.62	22.2	0.0
100	16QAM	1	1	20.49	20.63	20.54	22.2	0.0
100	64QAM	1	1	20.51	20.63	20.56	22.2	0.0
100	256QAM	1	1	19.48	19.51	19.54	21.2	1.0
Channel				649668	650000	662668	up limit (dB)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.26	20.55	20.38	22.2	0.0
Channel				649334	656000	662668	up limit (dB)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.25	20.56	20.38	22.2	0.0
Channel				649002	655000	663000	up limit (dB)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.21	20.54	20.47	22.2	0.0
Channel				648668	656000	663334	up limit (dB)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.21	20.48	20.41	22.2	0.0
Channel				648334	655000	663668	up limit (dB)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.28	20.54	20.43	22.2	0.0
Channel				648000	656000	664000	up limit (dB)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.24	20.49	20.37	22.2	0.0
Channel				647668	655000	664334	up limit (dB)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.27	20.49	20.47	22.2	0.0
Channel				647500	656000	664500	up limit (dB)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.31	20.47	20.46	22.2	0.0
Channel				647334	655000	664668	up limit (dB)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.28	20.54	20.39	22.2	0.0
Channel				647168	656000	664834	up limit (dB)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.26	20.48	20.43	22.2	0.0
Channel				647000	656000	665000	up limit (dB)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.22	20.54	20.43	22.2	0.0

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BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel				65000	65000	65000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	23.39	23.70	23.58		
100	1/2 BPSK	1	137	23.52	23.56	23.61	25.2	0.0
100	1/2 BPSK	1	271	23.53	23.64	23.54		
100	1/2 BPSK	135	0	23.39	23.60	23.49	25.2	0.0
100	1/2 BPSK	135	69	23.51	23.62	23.64	25.2	0.0
100	1/2 BPSK	135	138	23.45	23.64	23.61	25.2	0.0
100	1/2 BPSK	270	0	23.45	23.59	23.52		
100	QPSK	1	1	23.40	23.75	23.50		
100	QPSK	1	137	23.50	23.59	23.52	25.2	0.0
100	QPSK	1	271	23.38	23.65	23.56		
100	QPSK	135	0	23.49	23.64	23.57	25.2	0.0
100	QPSK	135	69	23.55	23.72	23.61	25.2	0.0
100	QPSK	135	138	23.58	23.61	23.64		
100	QPSK	270	0	23.44	23.66	23.65	25.2	0.0
100	16QAM	1	1	23.51	23.61	23.56	25.2	0.0
100	64QAM	1	1	23.25	23.46	23.36	25.0	0.2
100	256QAM	1	1	21.26	21.50	21.28	23.0	2.2
Channel				646668	650000	662334	up limit (dB)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.36	23.61	23.45	25.2	0.0
Channel				646334	656000	662668	up limit (dB)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.28	23.57	23.35	25.2	0.0
Channel				646000	655000	663000	up limit (dB)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.32	23.57	23.42	25.2	0.0
Channel				646668	656000	663334	up limit (dB)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.26	23.56	23.35	25.2	0.0
Channel				646334	655000	663668	up limit (dB)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.33	23.60	23.45	25.2	0.0
Channel				646000	656000	664000	up limit (dB)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.25	23.54	23.43	25.2	0.0
Channel				645668	655000	664334	up limit (dB)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.33	23.62	23.43	25.2	0.0
Channel				647500	656000	664500	up limit (dB)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.33	23.63	23.41	25.2	0.0
Channel				647334	655000	664668	up limit (dB)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.30	23.59	23.45	25.2	0.0
Channel				647168	656000	664834	up limit (dB)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.25	23.62	23.44	25.2	0.0
Channel				647000	656000	665000	up limit (dB)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.26	23.53	23.37	25.2	0.0

Part27Q n77 Ant10 DSI3

BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel				633334	633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		20.44			
100	1/2 BPSK	1	137		20.40		22.2	0.0
100	1/2 BPSK	1	271		20.46			
100	1/2 BPSK	135	0		20.41		22.2	0.0
100	1/2 BPSK	135	69		20.38		22.2	0.0
100	1/2 BPSK	135	138		20.41		22.2	0.0
100	1/2 BPSK	270	0		20.50			
100	QPSK	1	1		20.53			
100	QPSK	1	137		20.40		22.2	0.0
100	QPSK	1	271		20.43			
100	QPSK	135	0		20.47		22.2	0.0
100	QPSK	135	69		20.41		22.2	0.0
100	QPSK	135	138		20.43		22.2	0.0
100	QPSK	270	0		20.46		22.2	0.0
100	16QAM	1	1		20.47		22.2	0.0
100	64QAM	1	1		20.42		22.2	0.0
100	256QAM	1	1		19.38		21.2	1.0
Channel				633000	633334	633668	up limit (dB)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.37	20.34	20.33	22.2	0.0
Channel				632668	633334	634000	up limit (dB)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.39	20.29	20.34	22.2	0.0
Channel				632334	633334	634334	up limit (dB)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.30	20.32	20.31	22.2	0.0
Channel				632000	633334	634668	up limit (dB)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.40	20.34	20.32	22.2	0.0
Channel				631668	633334	635000	up limit (dB)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.35	20.37	20.30	22.2	0.0
Channel				631334	633334	635334	up limit (dB)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.36	20.39	20.32	22.2	0.0
Channel				631000	633334	635668	up limit (dB)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.37	20.37	20.30	22.2	0.0
Channel				630834	633334	635934	up limit (dB)	MPR (dB)
Frequency (MHz)				3462.61	3500.01	3537.61		
25	QPSK	1	1	20.35	20.38	20.30	22.2	0.0
Channel				630668	633334	636000	up limit (dB)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.32	20.30	20.30	22.2	0.0
Channel				630500	633334	636168	up limit (dB)	MPR (dB)
Frequency (MHz)				3457.61	3500.01	3542.62		
15	QPSK	1	1	20.32	20.32	20.32	22.2	0.0
Channel				630334	633334	636334	up limit (dB)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.30	20.38	20.30	22.2	0.0

Part270 n78 Ant10 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				650000					
100	1/2 BPSK	1	1		21.68				
100	1/2 BPSK	1	137		21.57		22.4	0.0	
100	1/2 BPSK	1	271		21.66				
100	1/2 BPSK	135	0		21.64		22.4	0.0	
100	1/2 BPSK	135	69		21.66		22.4	0.0	
100	1/2 BPSK	135	138		21.57		22.4	0.0	
100	1/2 BPSK	270	0		21.61				
100	QPSK	1	1		21.71				
100	QPSK	1	137		21.66		22.4	0.0	
100	QPSK	1	271		21.69				
100	QPSK	135	0		21.65		22.4	0.0	
100	QPSK	135	69		21.66		22.4	0.0	
100	QPSK	135	138		21.64		22.4	0.0	
100	QPSK	270	0		21.63				
100	16QAM	1	1		21.63		22.4	0.0	
100	64QAM	1	1		21.67		22.4	0.0	
100	256QAM	1	1		19.61		20.4	2.0	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	21.61	21.56	21.54	22.4	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	21.52	21.54	21.55	22.4	0.0	
Channel				649200	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	21.61	21.60	21.61	22.4	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	21.58	21.59	21.61	22.4	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	21.61	21.63	21.53	22.4	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	21.53	21.58	21.54	22.4	0.0	
Channel				647650	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	21.52	21.55	21.55	22.4	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	21.54	21.57	21.61	22.4	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	21.55	21.62	21.53	22.4	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	21.63	21.60	21.56	22.4	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1	21.60	21.57	21.61	22.4	0.0	

Part270 n78 PC2 Ant10 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				650000					
100	1/2 BPSK	1	1		24.73				
100	1/2 BPSK	1	137		24.58	25.4	0.0		
100	1/2 BPSK	1	271		24.69				
100	1/2 BPSK	135	0		24.69	25.4	0.0		
100	1/2 BPSK	135	69		24.71	25.4	0.0		
100	1/2 BPSK	135	138		24.54				
100	1/2 BPSK	270	0		24.57	25.4	0.0		
100	QPSK	1	1		24.75				
100	QPSK	1	137		24.61	25.4	0.0		
100	QPSK	1	271		24.76				
100	QPSK	135	0		24.69	25.4	0.0		
100	QPSK	135	69		24.66	25.4	0.0		
100	QPSK	135	138		24.64				
100	QPSK	270	0		24.63	25.4	0.0		
100	16QAM	1	1		24.62	25.4	0.0		
100	64QAM	1	1		23.51	24.3	1.1		
100	256QAM	1	1		21.50	22.3	3.1		
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	24.50	24.48	24.56	25.4	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	24.55	24.51	24.57	25.4	0.0	
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	24.50	24.47	24.58	25.4	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	24.52	24.56	24.52	25.4	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	24.48	24.50	24.57	25.4	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	24.51	24.50	24.57	25.4	0.0	
Channel				647650	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	24.54	24.52	24.48	25.4	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	24.54	24.49	24.54	25.4	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	24.57	24.54	24.51	25.4	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	24.57	24.48	24.56	25.4	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1	24.59	24.49	24.49	25.4	0.0	

Part27Q n78 Ant10 DSI3									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		21.27				
100	1/2 BPSK	1	137		21.26		22.4	0.0	
100	1/2 BPSK	1	271		21.20				
100	1/2 BPSK	135	0		21.26		22.4	0.0	
100	1/2 BPSK	135	69		21.21		22.4	0.0	
100	1/2 BPSK	135	138		21.27		22.4	0.0	
100	1/2 BPSK	270	0		21.24				
100	QPSK	1	1		21.31				
100	QPSK	1	137		21.19		22.4	0.0	
100	QPSK	1	271		21.20				
100	QPSK	135	0		21.23		22.4	0.0	
100	QPSK	135	69		21.28		22.4	0.0	
100	QPSK	135	138		21.20		22.4	0.0	
100	QPSK	270	0		21.20				
100	16QAM	1	1		21.21		22.4	0.0	
100	64QAM	1	1		21.26		22.4	0.0	
100	256QAM	1	1		19.21		20.4	2.0	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	21.10	21.15	21.16	22.4	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	21.08	21.15	21.17	22.4	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	21.06	21.06	21.09	22.4	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	21.08	21.13	21.10	22.4	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3478.02	3500.01	3525	up	(dB)	
50	QPSK	1	1	21.16	21.11	21.15	22.4	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	21.08	21.07	21.10	22.4	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1	21.14	21.16	21.10	22.4	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1	21.08	21.06	21.17	22.4	0.0	
Channel				630668	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	21.15	21.13	21.06	22.4	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.51	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	21.13	21.19	21.13	22.4	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1	21.10	21.11	21.07	22.4	0.0	

Reduced Power Mode for DSI4_Other PA

n7 Ant5 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	21.74	21.71	21.60			
50	1/2 BPSK	1	135	21.71	21.72	21.62	22.5	0.0	
50	1/2 BPSK	1	268	21.64	21.74	21.58			
50	1/2 BPSK	135	0	21.33	21.26	21.24	22.0	0.5	
50	1/2 BPSK	135	68	21.74	21.71	21.57	22.5	0.0	
50	1/2 BPSK	135	135	21.31	21.36	21.20	22.0	0.5	
50	1/2 BPSK	270	0	21.32	21.31	21.15			
50	QPSK	1	1	21.77	21.82	21.70			
50	QPSK	1	135	21.66	21.70	21.57	22.5	0.0	
50	QPSK	1	268	21.74	21.67	21.65			
50	QPSK	135	0	20.71	20.78	20.73	21.5	1.0	
50	QPSK	135	68	21.69	21.76	21.57	22.5	0.0	
50	QPSK	135	135	20.77	20.80	20.74	21.5	1.0	
50	QPSK	270	0	20.78	20.81	20.64			
50	16QAM	1	1	20.77	20.79	20.76	21.5	1.0	
50	64QAM	1	1	19.26	19.27	19.20	20.0	2.5	
50	256QAM	1	1	17.24	17.35	17.20	18.0	4.5	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	21.64	21.69	21.59	22.5	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	21.68	21.71	21.67	22.5	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	21.69	21.75	21.60	22.5	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	21.67	21.66	21.67	22.5	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	21.69	21.68	21.66	22.5	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	21.72	21.75	21.56	22.5	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	21.66	21.75	21.67	22.5	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	21.73	21.72	21.58	22.5	0.0	

n66 Ant5 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	21.73	21.68	21.65			
45	1/2 BPSK	1	120	21.76	21.72	21.72	22.8	0.0	
45	1/2 BPSK	1	240	21.71	21.68	21.70			
45	1/2 BPSK	120	0	21.28	21.37	21.23	22.3	0.5	
45	1/2 BPSK	120	60	21.74	21.75	21.74	22.8	0.0	
45	1/2 BPSK	120	120	21.29	21.34	21.26	22.3	0.5	
45	1/2 BPSK	240	0	21.28	21.32	21.24			
45	QPSK	1	1	21.79	21.82	21.76			
45	QPSK	1	120	21.69	21.75	21.72	22.8	0.0	
45	QPSK	1	240	21.66	21.72	21.70			
45	QPSK	120	0	20.77	20.84	20.71	21.8	1.0	
45	QPSK	120	60	21.75	21.76	21.74	22.8	0.0	
45	QPSK	120	120	20.80	20.79	20.72	21.8	1.0	
45	QPSK	240	0	20.76	20.87	20.73			
45	16QAM	1	1	20.81	20.78	20.75	21.8	1.0	
45	64QAM	1	1	19.30	19.37	19.25	20.3	2.5	
45	256QAM	1	1	17.25	17.37	17.31	18.3	4.5	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	21.72	21.71	21.64	22.8	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	21.76	21.79	21.69	22.8	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	21.67	21.72	21.70	22.8	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	21.69	21.78	21.67	22.8	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	21.73	21.77	21.70	22.8	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	21.76	21.71	21.65	22.8	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	21.69	21.77	21.73	22.8	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	21.71	21.71	21.64	22.8	0.0	

n38 Ant5 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	516000	516996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	21.65	21.70	21.65			
40	1/2 BPSK	1	53	21.59	21.67	21.65	22.5	0.0	
40	1/2 BPSK	1	104	21.67	21.71	21.63			
40	1/2 BPSK	50	0	21.24	21.28	21.18	22.0	0.5	
40	1/2 BPSK	50	26	21.86	21.85	21.86	22.5	0.0	
40	1/2 BPSK	50	56	21.21	21.31	21.23			
40	1/2 BPSK	100	0	21.17	21.24	21.22	22.0	0.5	
40	QPSK	1	1	21.71	21.76	21.74			
40	QPSK	1	53	21.66	21.70	21.66	22.5	0.0	
40	QPSK	1	104	21.64	21.69	21.64			
40	QPSK	50	0	20.70	20.79	20.70	21.5	1.0	
40	QPSK	50	26	21.63	21.72	21.62	22.5	0.0	
40	QPSK	50	56	20.65	20.78	20.72			
40	QPSK	100	0	20.76	20.80	20.68	21.5	1.0	
40	16QAM	1	1	20.68	20.74	20.73	21.5	1.0	
40	64QAM	1	1	19.26	19.24	19.29	20.0	2.5	
40	256QAM	1	1	17.18	17.21	17.24	18.0	4.5	
Channel				517002	516000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	21.81	21.82	21.61	22.5	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	21.58	21.73	21.66	22.5	0.0	
Channel				516000	516000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	21.68	21.72	21.63	22.5	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	21.68	21.67	21.64	22.5	0.0	
Channel				515004	516000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	21.62	21.71	21.71	22.5	0.0	

n41 Ant5 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518596	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	21.08	21.14	21.01			
100	1/2 BPSK	1	137	21.10	21.11	21.10	22.1	0.0	
100	1/2 BPSK	1	271	21.13	21.13	21.01			
100	1/2 BPSK	135	0	21.03	21.09	21.04	22.1	0.0	
100	1/2 BPSK	135	69	21.04	21.15	21.06	22.1	0.0	
100	1/2 BPSK	135	138	21.04	21.11	21.11			
100	1/2 BPSK	270	0	21.11	21.08	21.04	22.1	0.0	
100	QPSK	1	1	21.08	21.17	21.11			
100	QPSK	1	137	21.05	21.14	21.09	22.1	0.0	
100	QPSK	1	271	21.12	21.16	21.01			
100	QPSK	135	0	20.59	20.67	20.60	21.6	0.5	
100	QPSK	135	69	21.04	21.07	21.04	22.1	0.0	
100	QPSK	135	138	20.56	20.66	20.65			
100	QPSK	270	0	20.53	20.61	20.59	21.6	0.5	
100	16QAM	1	1	20.62	20.62	20.56	21.6	0.5	
100	64QAM	1	1	19.10	19.17	19.09	20.1	2.0	
100	256QAM	1	1	17.06	17.19	17.11	18.1	4.0	
Channel				520200	518596	529996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	20.93	20.99	21.00	22.1	0.0	
Channel				507204	518596	529996			
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	21.03	21.02	20.96	22.1	0.0	
Channel				520200	518596	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	20.93	21.10	21.02	22.1	0.0	
Channel				505200	518596	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	21.00	21.00	21.04	22.1	0.0	
Channel				520200	518596	532996			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	20.92	20.99	21.01	22.1	0.0	
Channel				503700	518596	533496			
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	20.98	21.06	21.05	22.1	0.0	
Channel				520200	518596	533996			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	21.01	21.07	21.05	22.1	0.0	
Channel				502704	518596	534496			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	20.95	21.06	20.99	22.1	0.0	
Channel				520200	518596	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	20.93	21.10	20.98	22.1	0.0	
Channel				501702	518596	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	20.97	21.03	21.05	22.1	0.0	
Channel				501204	518596	535996			
Frequency (MHz)				2506.52	2592.99	2679.99			
20	QPSK	1	1	20.97	20.99	20.96	22.1	0.0	
Channel				500700	518596	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	21.04	21.05	21.05	22.1	0.0	
Channel				500202	518596	537000			
Frequency (MHz)				2501.51	2592.99	2684			
10	QPSK	1	1	20.96	21.10	21.04	22.1	0.0	

Part270 n77 Ant5 DSI4									
BW MHz	Modulat ion	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune- up limit (dBm)		
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	22.89	23.01	22.96			
100	1/2 BPSK	1	137	22.90	22.94	22.97	24.3	0.0	
100	1/2 BPSK	1	271	22.85	22.90	22.95			
100	1/2 BPSK	135	0	22.87	23.01	22.88	24.3	0.0	
100	1/2 BPSK	135	69	22.84	22.92	22.92	24.3	0.0	
100	1/2 BPSK	135	138	22.83	22.97	22.94			
100	1/2 BPSK	270	0	22.90	22.91	22.87	24.3	0.0	
100	QPSK	1	1	22.88	23.05	22.88			
100	QPSK	1	137	22.90	22.93	22.91	24.3	0.0	
100	QPSK	1	271	22.90	22.94	22.90			
100	QPSK	135	0	22.83	22.97	22.88	24.3	0.0	
100	QPSK	135	69	22.91	22.99	22.99	24.3	0.0	
100	QPSK	135	138	22.80	22.98	22.92			
100	QPSK	270	0	22.87	22.97	22.87	24.3	0.0	
100	16QAM	1	1	22.88	22.97	22.89	24.3	0.0	
100	64QAM	1	1	21.40	21.41	21.39	22.8	1.5	
100	256QAM	1	1	19.29	19.41	19.42	20.8	3.5	
Channel				648668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.80	22.81	22.77	24.3	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	22.76	22.83	22.79	24.3	0.0	
Channel				649668	656000	662000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.75	22.80	22.73	24.3	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	22.70	22.82	22.75	24.3	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	22.73	22.81	22.77	24.3	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	22.77	22.80	22.82	24.3	0.0	
Channel				647668	656000	663334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	22.82	22.82	22.72	24.3	0.0	
Channel				647000	656000	664500			
Frequency (MHz)				3712.5	3840	3970.5			
25	QPSK	1	1	22.83	22.82	22.73	24.3	0.0	
Channel				647334	656000	663668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.74	22.85	22.82	24.3	0.0	
Channel				647768	656000	664834			
Frequency (MHz)				3712.5	3840	3972.51			
15	QPSK	1	1	22.80	22.87	22.73	24.3	0.0	
Channel				647000	656000	663000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.75	22.83	22.77	24.3	0.0	

Part27Q n77 Ant5 DSI4										
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				3500.01						
100	1/2 BPSK	1	1		22.75					
100	1/2 BPSK	1	137		22.67		24.3	0.0		
100	1/2 BPSK	1	271		22.60					
100	1/2 BPSK	135	0		22.70		24.3	0.0		
100	1/2 BPSK	135	69		22.64		24.3	0.0		
100	1/2 BPSK	135	138		22.64		24.3	0.0		
100	1/2 BPSK	270	0		22.57					
100	QPSK	1	1		22.76					
100	QPSK	1	137		22.62		24.3	0.0		
100	QPSK	1	271		22.71					
100	QPSK	135	0		22.72		24.3	0.0		
100	QPSK	135	69		22.72		24.3	0.0		
100	QPSK	135	138		22.64		24.3	0.0		
100	QPSK	270	0		22.68					
100	16QAM	1	1		21.07		24.3	0.0		
100	64QAM	1	1		22.06		22.8	1.5		
100	256QAM	1	1		19.09		20.8	3.5		
Channel				633000	633334	633668		MPR up (dB)		
Frequency (MHz)				3495	3500.01	3505.02				
90	QPSK	1	1		22.66	22.65	22.69	24.3	0.0	
Channel				632668	633334	634000		MPR up (dB)		
Frequency (MHz)				3490.02	3500.01	3510				
80	QPSK	1	1		22.66	22.67	22.69	24.3	0.0	
Channel				632334	633334	634334		MPR up (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01				
70	QPSK	1	1		22.58	22.63	22.67	24.3	0.0	
Channel				632000	633334	634668		MPR up (dB)		
Frequency (MHz)				3480	3500.01	3520.02				
60	QPSK	1	1		22.66	22.69	22.67	24.3	0.0	
Channel				631668	633334	635000		MPR up (dB)		
Frequency (MHz)				3475.02	3500.01	3525				
50	QPSK	1	1		22.68	22.69	22.59	24.3	0.0	
Channel				631334	633334	635334		MPR up (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01				
40	QPSK	1	1		22.69	22.59	22.65	24.3	0.0	
Channel				631000	633334	635668		MPR up (dB)		
Frequency (MHz)				3465	3500.01	3535.02				
30	QPSK	1	1		22.59	22.68	22.68	24.3	0.0	
Channel				630668	633334	635834		MPR up (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51				
25	QPSK	1	1		22.59	22.60	22.63	24.3	0.0	
Channel				630334	633334	636000		MPR up (dB)		
Frequency (MHz)				3460.02	3500.01	3540				
20	QPSK	1	1		22.62	22.61	22.62	24.3	0.0	
Channel				630000	633334	636168		MPR up (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52				
15	QPSK	1	1		22.60	22.60	22.69	24.3	0.0	
Channel				630334	633334	636334		MPR up (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01				
10	QPSK	1	1		22.63	22.66	22.67	24.3	0.0	

Part27Q n77 PC2 Ant5 DS14										
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel					633334					
Frequency (MHz)					3500.01					
100	1/2 BPSK	1	1		25.40					
100	1/2 BPSK	1	137		25.34		27.2	0.0		
100	1/2 BPSK	1	271		25.51					
100	1/2 BPSK	135	0		25.08		26.7	0.5		
100	1/2 BPSK	135	69		25.39		27.2	0.0		
100	1/2 BPSK	135	138		25.02		26.7	0.5		
100	1/2 BPSK	270	0		25.05					
100	QPSK	1	1		25.54					
100	QPSK	1	137		25.36		27.2	0.0		
100	QPSK	1	271		25.51					
100	QPSK	135	0		24.49		26.2	1.0		
100	QPSK	135	69		25.51		27.2	0.0		
100	QPSK	135	138		24.45		26.2	1.0		
100	QPSK	270	0		24.52					
100	16QAM	1	1		24.49		26.2	1.0		
100	64QAM	1	1		23.12		24.7	2.5		
100	256QAM	1	1		21.01		22.7	4.5		
Channel				633000	633334	633668		MPR up (dB)		
Frequency (MHz)				3495	3500.01	3505.02				
90	QPSK	1	1		25.39	25.41	25.39	27.2	0.0	
Channel				632668	633334	634000		MPR up (dB)		
Frequency (MHz)				3490.02	3500.01	3510				
80	QPSK	1	1		25.34	25.44	25.35	27.2	0.0	
Channel				632334	633334	634334		MPR up (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01				
70	QPSK	1	1		25.42	25.42	25.36	27.2	0.0	
Channel				632000	633334	634668		MPR up (dB)		
Frequency (MHz)				3480	3500.01	3520.02				
60	QPSK	1	1		25.38	25.49	25.35	27.2	0.0	
Channel				631668	633334	635000		MPR up (dB)		
Frequency (MHz)				3475.02	3500.01	3525				
50	QPSK	1	1		25.38	25.48	25.31	27.2	0.0	
Channel				631334	633334	635334		MPR up (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01				
40	QPSK	1	1		25.41	25.43	25.34	27.2	0.0	
Channel				631000	633334	635668		MPR up (dB)		
Frequency (MHz)				3465	3500.01	3535.02				
30	QPSK	1	1		25.35	25.43	25.32	27.2	0.0	
Channel				630668	633334	635834		MPR up (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51				
25	QPSK	1	1		25.45	25.44	25.33	27.2	0.0	
Channel				630334	633334	636000		MPR up (dB)		
Frequency (MHz)				3460.02	3500.01	3540				
20	QPSK	1	1		25.45	25.44	25.34	27.2	0.0	
Channel				630000	633334	636168		MPR up (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52				
15	QPSK	1	1		25.39	25.42	25.33	27.2	0.0	
Channel				630334	633334	636334		MPR up (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01				
10	QPSK	1	1		25.40	25.46	25.40	27.2	0.0	

Part27O n78 Ant5 DSI4									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750		3750			
100	1/2 BPSK	1	1		21.79			23.0	0.0
100	1/2 BPSK	1	137		21.84				
100	1/2 BPSK	1	271		21.83				
100	1/2 BPSK	135	0		21.87				
100	1/2 BPSK	135	69		21.85			23.0	0.0
100	1/2 BPSK	135	138		21.81			23.0	0.0
100	1/2 BPSK	270	0		21.80				
100	QPSK	1	1		21.93				
100	QPSK	1	137		21.90			23.0	0.0
100	QPSK	1	271		21.85				
100	QPSK	135	0		21.87			23.0	0.0
100	QPSK	135	69		21.88			23.0	0.0
100	QPSK	135	138		21.86				
100	QPSK	270	0		21.83				
100	16QAM	1	1		21.81			23.0	0.0
100	64QAM	1	1		21.30			22.5	0.5
100	256QAM	1	1		18.75			20.5	2.5
Channel									
Frequency (MHz)				648668	650000	650234			
90	QPSK	1	1	21.75	21.80	21.81	23.0	MPR (dB)	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	21.71	21.70	21.76	23.0	MPR (dB)	
Channel				430001	430000	430500			
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	21.69	21.73	21.70	23.0	MPR (dB)	
Channel				648668	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	21.73	21.76	21.76	23.0	MPR (dB)	
Channel				648334	650000	650668			
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	21.76	21.70	21.80	23.0	MPR (dB)	
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3760			
40	QPSK	1	1	21.80	21.74	21.73	23.0	MPR (dB)	
Channel				647668	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	21.76	21.79	21.76	23.0	MPR (dB)	
Channel				647500	650000	652500			
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	21.71	21.75	21.75	23.0	MPR (dB)	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	21.76	21.75	21.74	23.0	MPR (dB)	
Channel				647168	650000	652834			
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	21.79	21.74	21.76	23.0	MPR (dB)	
Channel				647000	650000	653000			
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	21.73	21.77	21.71	23.0	0.0	

Part27Q n78 Ant5 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)						21.35			
100	1/2 BPSK	1	1			21.35			
100	1/2 BPSK	1	137			21.49		23.0	0.0
100	1/2 BPSK	1	271			21.44			
100	1/2 BPSK	135	0			21.48		23.0	0.0
100	1/2 BPSK	135	69			21.42		23.0	0.0
100	1/2 BPSK	135	138			21.45			
100	1/2 BPSK	270	0			21.43		23.0	0.0
100	QPSK	1	1			21.54			
100	QPSK	1	137			21.53		23.0	0.0
100	QPSK	1	271			21.46			
100	QPSK	135	0			21.44		23.0	0.0
100	QPSK	135	69			21.52		23.0	0.0
100	QPSK	135	138			21.47			
100	QPSK	270	0			21.39		23.0	0.0
100	16QAM	1	1			21.40		23.0	0.0
100	64QAM	1	1			20.87		22.5	0.5
100	256QAM	1	1			18.53		20.5	2.5
Channel				633000	633334	633668	up	MPR (dB)	
Frequency (MHz)				3498	3500.01	3505.02			
90	QPSK	1	1	21.44	21.37	21.45	23.0	0.0	
Channel				632668	633334	634000	up	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	21.40	21.30	21.34	23.0	0.0	
Channel				632334	633334	634334	up	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	21.44	21.44	21.33	23.0	0.0	
Channel				632000	633334	634668	up	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	21.35	21.41	21.34	23.0	0.0	
Channel				631668	633334	635000	up	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	21.38	21.40	21.41	23.0	0.0	
Channel				631334	633334	635334	up	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	21.34	21.40	21.33	23.0	0.0	
Channel				631000	633334	635668	up	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	21.35	21.37	21.45	23.0	0.0	
Channel				630834	633334	635884	up	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	21.42	21.39	21.44	23.0	0.0	
Channel				630668	633334	636000	up	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	21.44	21.40	21.35	23.0	0.0	
Channel				630500	633334	636168	up	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	21.39	21.34	21.34	23.0	0.0	
Channel				630334	633334	636334	up	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	21.43	21.39	21.35	23.0	0.0	

Part27Q n78 PC2 Ant5 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)						24.54			
100	1/2 BPSK	1	1			24.54			
100	1/2 BPSK	1	137			24.59		26.0	0.0
100	1/2 BPSK	1	271			24.52			
100	1/2 BPSK	135	0			24.63		26.0	0.0
100	1/2 BPSK	135	69			24.46		26.0	0.0
100	1/2 BPSK	135	138			24.53			
100	1/2 BPSK	270	0			24.59		26.0	0.0
100	QPSK	1	1			24.66			
100	QPSK	1	137			24.60		26.0	0.0
100	QPSK	1	271			24.63			
100	QPSK	135	0			24.58		26.0	0.0
100	QPSK	135	69			24.60		26.0	0.0
100	QPSK	135	138			24.53			
100	QPSK	270	0			24.51		26.0	0.0
100	16QAM	1	1			24.48		26.0	0.0
100	64QAM	1	1			23.97		24.5	1.5
100	256QAM	1	1			21.56		22.0	4.0
Channel				633000	633334	633668	up	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	24.58	24.53	24.59	26.0	0.0	
Channel				632668	633334	634000	up	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	24.59	24.61	24.53	26.0	0.0	
Channel				632334	633334	634334	up	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	24.57	24.52	24.60	26.0	0.0	
Channel				632000	633334	634668	up	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	24.54	24.57	24.51	26.0	0.0	
Channel				631668	633334	635000	up	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	24.59	24.62	24.57	26.0	0.0	
Channel				631334	633334	635334	up	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	24.61	24.61	24.52	26.0	0.0	
Channel				631000	633334	635668	up	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	24.54	24.57	24.58	26.0	0.0	
Channel				630834	633334	635884	up	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	24.51	24.62	24.51	26.0	0.0	
Channel				630668	633334	636000	up	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	24.56	24.60	24.61	26.0	0.0	
Channel				630500	633334	636168	up	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	24.61	24.61	24.52	26.0	0.0	
Channel				630334	633334	636334	up	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	24.57	24.60	24.58	26.0	0.0	

n7 Ant4 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	18.97	19.03	18.97			
50	1/2 BPSK	1	135	19.05	19.10	19.02	20.2	0.0	
50	1/2 BPSK	1	268	18.96	19.05	19.01			
50	1/2 BPSK	135	0	19.07	19.10	19.03	20.2	0.0	
50	1/2 BPSK	135	68	19.06	19.03	19.05	20.2	0.0	
50	1/2 BPSK	135	135	18.96	19.04	19.02	20.2	0.0	
50	1/2 BPSK	270	0	19.00	19.11	19.03			
50	QPSK	1	1	19.02	19.12	19.00			
50	QPSK	1	135	19.07	19.06	19.07	20.2	0.0	
50	QPSK	1	268	18.99	19.11	18.98			
50	QPSK	135	0	19.01	19.04	19.00	20.2	0.0	
50	QPSK	135	68	19.03	19.10	18.98	20.2	0.0	
50	QPSK	135	135	19.05	19.09	19.01			
50	QPSK	270	0	19.03	19.07	19.06	20.2	0.0	
50	16QAM	1	1	18.95	19.04	19.03	20.2	0.0	
50	64QAM	1	1	19.05	19.06	18.96	20.2	0.0	
50	256QAM	1	1	18.99	19.09	19.00	20.2	0.0	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	18.96	18.97	18.89	20.2	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	18.86	19.02	18.95	20.2	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	18.97	19.03	18.90	20.2	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	18.87	18.96	18.89	20.2	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	18.94	19.02	18.89	20.2	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.93	18.96	18.90	20.2	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	18.87	19.04	18.87	20.2	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	18.88	19.05	18.89	20.2	0.0	

n66 Ant4 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	21.21	21.34	21.09			
45	1/2 BPSK	1	120	21.17	21.25	21.16	21.8	0.0	
45	1/2 BPSK	1	240	21.21	21.35	21.12			
45	1/2 BPSK	120	0	21.17	21.24	21.13	21.8	0.0	
45	1/2 BPSK	120	60	21.24	21.34	21.16	21.8	0.0	
45	1/2 BPSK	120	120	21.22	21.24	21.18	21.8	0.0	
45	1/2 BPSK	240	0	21.22	21.34	21.14			
45	QPSK	1	1	21.19	21.36	21.12			
45	QPSK	1	120	21.16	21.31	21.10	21.8	0.0	
45	QPSK	1	240	21.14	21.30	21.13			
45	QPSK	120	0	21.21	21.31	21.15	21.8	0.0	
45	QPSK	120	60	21.23	21.33	21.09	21.8	0.0	
45	QPSK	120	120	21.13	21.31	21.18	21.8	0.0	
45	QPSK	240	0	21.17	21.26	21.20			
45	16QAM	1	1	21.18	21.26	21.14	21.8	0.0	
45	64QAM	1	1	21.10	21.21	21.00	21.8	0.0	
45	256QAM	1	1	20.73	20.83	20.58	21.3	0.5	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	21.11	21.17	21.07	21.8	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	21.08	21.15	20.98	21.8	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	21.12	21.16	21.05	21.8	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	21.14	21.14	21.01	21.8	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	21.05	21.24	21.06	21.8	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	21.09	21.16	21.02	21.8	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	21.11	21.19	20.99	21.8	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	21.04	21.14	21.03	21.8	0.0	

n38 Ant4 DS14									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				518004	519000	519996	2599.02	2599	2599.98
40	1/2 BPSK	1	1	19.32	19.40	19.35			
40	1/2 BPSK	1	53	19.34	19.32	19.29	20.7	0.0	
40	1/2 BPSK	1	104	19.32	19.31	19.26			
40	1/2 BPSK	50	0	19.33	19.41	19.27	20.7	0.0	
40	1/2 BPSK	50	26	19.36	19.37	19.27	20.7	0.0	
40	1/2 BPSK	50	56	19.40	19.37	19.33	20.7	0.0	
40	1/2 BPSK	100	0	19.32	19.35	19.35			
40	QPSK	1	1	19.36	19.42	19.34			
40	QPSK	1	53	19.38	19.31	19.36	20.7	0.0	
40	QPSK	1	104	19.39	19.30	19.37			
40	QPSK	50	0	19.32	19.33	19.28	20.7	0.0	
40	QPSK	50	26	19.33	19.37	19.30	20.7	0.0	
40	QPSK	50	56	19.32	19.33	19.33			
40	QPSK	100	0	19.30	19.32	19.27	20.7	0.0	
40	16QAM	1	1	19.36	19.41	19.32	20.7	0.0	
40	64QAM	1	1	19.29	19.36	19.35	20.7	0.0	
40	256QAM	1	1	19.66	19.68	18.67	20.2	0.5	
Channel				517002	518000	520998			
Frequency (MHz)				2585.01	2599	2604.99			
30	QPSK	1	1	19.30	19.17	19.22	20.7	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2599	2607.48			
25	QPSK	1	1	19.22	19.29	19.23	20.7	0.0	
Channel				515000	518000	522000			
Frequency (MHz)				2580	2599	2610			
20	QPSK	1	1	19.24	19.27	19.23	20.7	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2599	2612.49			
15	QPSK	1	1	19.30	19.24	19.30	20.7	0.0	
Channel				515004	519000	522006			
Frequency (MHz)				2575.02	2599	2614.98			
10	QPSK	1	1	19.23	19.18	19.22	20.7	0.0	

n41 Ant4 DS14									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				509002	516598	526000	2546.01	2592.99	2640
100	1/2 BPSK	1	1	18.66	18.77	18.74			
100	1/2 BPSK	1	137	18.66	18.71	18.72	20.2	0.0	
100	1/2 BPSK	1	271	18.62	18.72	18.70			
100	1/2 BPSK	135	0	18.68	18.76	18.75	20.2	0.0	
100	1/2 BPSK	135	69	18.63	18.74	18.76	20.2	0.0	
100	1/2 BPSK	135	138	18.65	18.76	18.68			
100	1/2 BPSK	270	0	18.63	18.73	18.69	20.2	0.0	
100	QPSK	1	1	18.63	18.79	18.73			
100	QPSK	1	137	18.68	18.73	18.74	20.2	0.0	
100	QPSK	1	271	18.71	18.78	18.75			
100	QPSK	135	0	18.71	18.76	18.73	20.2	0.0	
100	QPSK	135	69	18.68	18.76	18.72	20.2	0.0	
100	QPSK	135	138	18.66	18.70	18.76			
100	QPSK	270	0	18.69	18.75	18.70	20.2	0.0	
100	16QAM	1	1	18.65	18.76	18.78	20.2	0.0	
100	64QAM	1	1	18.71	18.70	18.72	20.2	0.0	
100	256QAM	1	1	18.65	18.71	18.71	20.2	0.0	
Channel				508000	516598	526000			
Frequency (MHz)				2541	2592.99	2644.99			
90	QPSK	1	1	18.49	18.70	18.59	20.2	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	18.57	18.62	18.68	20.2	0.0	
Channel				505002	516598	531000			
Frequency (MHz)				2531.01	2592.99	2665			
70	QPSK	1	1	18.51	18.70	18.63	20.2	0.0	
Channel				505000	518598	531998			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	18.53	18.59	18.66	20.2	0.0	
Channel				504204	516598	532000			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	18.50	18.69	18.62	20.2	0.0	
Channel				503700	518598	533496			
Frequency (MHz)				2516.5	2592.99	2667.48			
45	QPSK	1	1	18.58	18.64	18.61	20.2	0.0	
Channel				503002	516598	533000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	18.55	18.68	18.58	20.2	0.0	
Channel				502704	518598	534498			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	18.53	18.64	18.67	20.2	0.0	
Channel				502000	516598	533000			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	18.54	18.69	18.64	20.2	0.0	
Channel				501702	518598	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	18.55	18.67	18.58	20.2	0.0	
Channel				501204	516598	535000			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	18.57	18.68	18.64	20.2	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	18.57	18.59	18.60	20.2	0.0	
Channel				500202	516598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	18.48	18.61	18.66	20.2	0.0	

n48 Ant4 DS14									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				638000	641666	645332	3570	3624.99	3679.98
40	1/2 BPSK	1	1	21.66	21.68	21.58			
40	1/2 BPSK	1	53	21.63	21.68	21.52	23.0	0.0	
40	1/2 BPSK	1	104	21.67	21.69	21.60			
40	1/2 BPSK	50	0	21.60	21.63	21.61	23.0	0.0	
40	1/2 BPSK	50	26	21.62	21.65	21.51	23.0	0.0	
40	1/2 BPSK	50	56	21.62	21.64	21.59	23.0	0.0	
40	1/2 BPSK	100	0	21.62	21.66	21.59	23.0	0.0	
40	QPSK	1	1	21.58	21.75	21.52			
40	QPSK	1	53	21.60	21.72	21.53	23.0	0.0	
40	QPSK	1	104	21.58	21.70	21.59			
40	QPSK	50	0	21.58	21.64	21.58	23.0	0.0	
40	QPSK	50	26	21.58	21.67	21.51	23.0	0.0	
40	QPSK	50	56	21.63	21.66	21.52	23.0	0.0	
40	QPSK	100	0	21.59	21.65	21.51	23.0	0.0	
40	16QAM	1	1	21.58	21.69	21.60	23.0	0.0	
40	64QAM	1	1	20.61	20.67	20.55	22.0	1.0	
40	256QAM	1	1	18.59	18.64	18.47	20.0	3.0	
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	21.46	21.53	21.48	23.0	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	21.47	21.48	21.48	23.0	0.0	
Channel				637116	641666	647106			
Frequency (MHz)				3557.52	3624.99	3692.49			
15	QPSK	1	1	21.46	21.50	21.44	23.0	0.0	
Channel				637000	641666	646332			
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	21.47	21.58	21.39	23.0	0.0	

Part270 n77 Ant4 DS14									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	19.79	19.96	19.86			
100	1/2 BPSK	1	137	19.80	19.90	19.79	20.0	0.0	
100	1/2 BPSK	1	271	19.81	19.89	19.89			
100	1/2 BPSK	135	0	19.82	19.89	19.81	20.0	0.0	
100	1/2 BPSK	135	69	19.79	19.96	19.82	20.0	0.0	
100	1/2 BPSK	135	138	19.84	19.96	19.80	20.0	0.0	
100	1/2 BPSK	270	0	19.82	19.91	19.87	20.0	0.0	
100	QPSK	1	1	19.76	19.95	19.84			
100	QPSK	1	137	19.82	19.84	19.84	20.0	0.0	
100	QPSK	1	271	19.75	19.92	19.88			
100	QPSK	135	0	19.77	19.92	19.88	20.0	0.0	
100	QPSK	135	69	19.79	19.93	19.79	20.0	0.0	
100	QPSK	135	138	19.77	19.87	19.79	20.0	0.0	
100	QPSK	270	0	19.85	19.95	19.87	20.0	0.0	
100	16QAM	1	1	19.82	19.90	19.81	20.0	0.0	
100	64QAM	1	1	19.80	19.83	19.81	20.0	0.0	
100	256QAM	1	1	19.85	19.88	19.86	20.0	0.0	
Channel				646666	652000	658334			
Frequency (MHz)				3740	3820	3930	up		
90	QPSK	1	1	19.69	19.75	19.80	20.0	0.0	
Channel				649334	656000	662666			
Frequency (MHz)				3740	3810	3940	up		
80	QPSK	1	1	19.65	19.83	19.77	20.0	0.0	
Channel				647000	653666	660334			
Frequency (MHz)				3735	3840	3945	up		
70	QPSK	1	1	19.61	19.77	19.71	20.0	0.0	
Channel				646666	656000	663334			
Frequency (MHz)				3730	3820	3950	up		
60	QPSK	1	1	19.68	19.75	19.70	20.0	0.0	
Channel				643000	651666	660334			
Frequency (MHz)				3725	3810	3955	up		
50	QPSK	1	1	19.72	19.79	19.71	20.0	0.0	
Channel				648000	655000	664000			
Frequency (MHz)				3720	3840	3960	up		
40	QPSK	1	1	19.67	19.79	19.79	20.0	0.0	
Channel				647666	656000	664334			
Frequency (MHz)				3715	3820	3965	up		
30	QPSK	1	1	19.71	19.83	19.73	20.0	0.0	
Channel				647666	655000	664500			
Frequency (MHz)				3712.5	3840	3970	up		
25	QPSK	1	1	19.67	19.79	19.79	20.0	0.0	
Channel				647334	655000	664666			
Frequency (MHz)				3710	3810	3970	up		
20	QPSK	1	1	19.67	19.82	19.70	20.0	0.0	
Channel				647666	655000	664834			
Frequency (MHz)				3707.5	3840	3972.5	up		
15	QPSK	1	1	19.65	19.79	19.79	20.0	0.0	
Channel				647000	655000	665000			
Frequency (MHz)				3705	3840	3975	up		
10	QPSK	1	1	19.62	19.82	19.79	20.0	0.0	

Part270 n77 PC2 Ant4 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	23.35	23.38	23.31			
100	1/2 BPSK	1	137	23.31	23.45	23.28	23.5	0.0	
100	1/2 BPSK	1	271	23.27	23.37	23.45			
100	1/2 BPSK	135	0	23.32	23.39	23.30	23.5	0.0	
100	1/2 BPSK	135	69	23.26	23.35	23.35	23.5	0.0	
100	1/2 BPSK	135	138	23.38	23.34	23.33	23.5	0.0	
100	1/2 BPSK	270	0	23.29	23.37	23.42	23.5	0.0	
100	QPSK	1	1	23.21	23.48	23.40			
100	QPSK	1	137	23.34	23.29	23.30	23.5	0.0	
100	QPSK	1	271	23.21	23.40	23.40			
100	QPSK	135	0	23.32	23.40	23.40	23.5	0.0	
100	QPSK	135	69	23.29	23.42	23.34	23.5	0.0	
100	QPSK	135	138	23.29	23.38	23.29	23.5	0.0	
100	QPSK	270	0	23.37	23.39	23.33	23.5	0.0	
100	16QAM	1	1	23.28	23.36	23.34	23.5	0.0	
100	64QAM	1	1	23.33	23.36	23.26	23.5	0.0	
100	256QAM	1	1	23.37	23.38	23.32	23.5	0.0	
Channel									
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	23.11	23.44	23.27	23.5	0.0	
Channel									
Frequency (MHz)				649334	650000	662668			
80	QPSK	1	1	23.06	23.32	23.34	23.5	0.0	
Channel									
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	23.15	23.43	23.24	23.5	0.0	
Channel									
Frequency (MHz)				648668	650000	663334			
60	QPSK	1	1	23.14	23.39	23.30	23.5	0.0	
Channel									
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	23.12	23.35	23.25	23.5	0.0	
Channel									
Frequency (MHz)				648000	650000	664000			
40	QPSK	1	1	23.11	23.37	23.30	23.5	0.0	
Channel									
Frequency (MHz)				647668	650000	664334			
30	QPSK	1	1	23.17	23.34	23.33	23.5	0.0	
Channel									
Frequency (MHz)				647500	650000	664500			
25	QPSK	1	1	23.13	23.38	23.34	23.5	0.0	
Channel									
Frequency (MHz)				647234	650000	664668			
20	QPSK	1	1	23.10	23.37	23.32	23.5	0.0	
Channel									
Frequency (MHz)				647168	650000	664834			
15	QPSK	1	1	23.15	23.36	23.31	23.5	0.0	
Channel									
Frequency (MHz)				647000	650000	665000			
10	QPSK	1	1	23.08	23.41	23.25	23.5	0.0	

Part27Q n77 Ant4 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		19.55				
100	1/2 BPSK	1	137		19.49		20.0	0.0	
100	1/2 BPSK	1	271		19.49				
100	1/2 BPSK	135	0		19.49		20.0	0.0	
100	1/2 BPSK	135	69		19.50		20.0	0.0	
100	1/2 BPSK	135	138		19.51				
100	1/2 BPSK	270	0		19.54		20.0	0.0	
100	QPSK	1	1		19.58				
100	QPSK	1	137		19.51		20.0	0.0	
100	QPSK	1	271		19.44				
100	QPSK	135	0		19.55		20.0	0.0	
100	QPSK	135	69		19.55		20.0	0.0	
100	QPSK	135	138		19.51				
100	QPSK	270	0		19.55		20.0	0.0	
100	16QAM	1	1		19.54		20.0	0.0	
100	64QAM	1	1		19.52		20.0	0.0	
100	256QAM	1	1		19.47		20.0	0.0	
Channel				633000	633334	633668	MPR up (dB)		
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	19.46	19.39	19.40	20.0	0.0	
Channel				632668	633334	634000	MPR up (dB)		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	19.46	19.38	19.44	20.0	0.0	
Channel				632334	633334	634334	MPR up (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	19.43	19.47	19.46	20.0	0.0	
Channel				632000	633334	634668	MPR up (dB)		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	19.40	19.39	19.39	20.0	0.0	
Channel				631668	633334	635000	MPR up (dB)		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	19.45	19.44	19.47	20.0	0.0	
Channel				631334	633334	635334	MPR up (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	19.48	19.48	19.44	20.0	0.0	
Channel				631000	633334	635668	MPR up (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	19.45	19.44	19.41	20.0	0.0	
Channel				630634	633334	635834	MPR up (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	19.49	19.46	19.43	20.0	0.0	
Channel				630300	633334	636000	MPR up (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	19.49	19.42	19.50	20.0	0.0	
Channel				630000	633334	636168	MPR up (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	19.44	19.42	19.48	20.0	0.0	
Channel				630334	633334	636334	MPR up (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	19.40	19.43	19.41	20.0	0.0	

Part27Q n77 PC2 Ant4 DSI4									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit [dBm]	MPR [dB]	
Channel									
Frequency [MHz]				3500.01					
100	1/2 BPSK	1	1		23.01				
100	1/2 BPSK	1	137		23.00		23.5	0.0	
100	1/2 BPSK	1	271		22.99				
100	1/2 BPSK	135	0		23.00		23.5	0.0	
100	1/2 BPSK	135	69		23.00		23.5	0.0	
100	1/2 BPSK	135	138		22.98				
100	1/2 BPSK	270	0		23.08		23.5	0.0	
100	QPSK	1	1		23.12				
100	QPSK	1	137		23.04		23.5	0.0	
100	QPSK	1	271		23.00				
100	QPSK	135	0		23.07		23.5	0.0	
100	QPSK	135	69		23.11		23.5	0.0	
100	QPSK	135	138		22.97				
100	QPSK	270	0		23.08		23.5	0.0	
100	16QAM	1	1		23.05		23.5	0.0	
100	64QAM	1	1		23.07		23.5	0.0	
100	256QAM	1	1		22.97		23.5	0.0	
Channel									
Frequency [MHz]				3500.01					
90	QPSK	1	1	34.95	3500.01	3506.99			(dB)
Channel				632668 633334 634000					
Frequency [MHz]				3490.02 3500.01 3510					
80	QPSK	1	1	22.99	23.04	23.00	23.5	0.0	
Channel				632315 633031 633747					
Frequency [MHz]				3488.01 3500.01 3515.01					
70	QPSK	1	1	23.08	23.03	23.07	23.5	0.0	
Channel				632000 633334 634668					
Frequency [MHz]				3490 3500.01 3502.02					
60	QPSK	1	1	22.99	22.97	23.07	23.5	0.0	
Channel				631168 632444 633720					
Frequency [MHz]				3476.02 3500.01 3505					
50	QPSK	1	1	22.98	23.06	23.04	23.5	0.0	
Channel				631334 633334 635334					
Frequency [MHz]				3470.01 3500.01 3530.01					
40	QPSK	1	1	23.02	22.98	23.03	23.5	0.0	
Channel				631005 633034 635065					
Frequency [MHz]				3465 3500.01 3535.02					
30	QPSK	1	1	22.97	23.04	22.99	23.5	0.0	
Channel				630834 633334 635834					
Frequency [MHz]				3462.51 3500.01 3537.51					
25	QPSK	1	1	23.02	22.98	23.03	23.5	0.0	
Channel				630668 633334 636000					
Frequency [MHz]				3460 3500.01 3540					
20	QPSK	1	1	23.08	23.02	23.05	23.5	0.0	
Channel				630500 633334 636168					
Frequency [MHz]				3457.5 3500.01 3542.5					
15	QPSK	1	1	22.99	23.05	22.97	23.5	0.0	
Channel				630334 633334 636334					
Frequency [MHz]				3455.01 3500.01 3545.01					
10	QPSK	1	1	22.99	23.03	22.97	23.5	0.0	

Part270 n78 PC2 Ant4 DSI4									
BW MHz	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1		22.87				
100	1/2 BPS	1	137		22.71		23.0	0.0	
100	1/2 BPS	1	271		22.79				
100	1/2 BPS	135	0		22.83		23.0	0.0	
100	1/2 BPS	135	69		22.75				
100	1/2 BPS	135	138		22.73		23.0	0.0	
100	1/2 BPS	270	0		22.80		23.0	0.0	
100	QPSK	1	1		22.95				
100	QPSK	1	137		22.82		23.0	0.0	
100	QPSK	1	271		22.77				
100	QPSK	135	0		22.78		23.0	0.0	
100	QPSK	135	69		22.91		23.0	0.0	
100	QPSK	135	138		22.88				
100	QPSK	270	0		22.70		23.0	0.0	
100	16QAM	1	1		22.81		23.0	0.0	
100	64QAM	1	1		22.85		23.0	0.0	
100	256QAM	1	1		22.84		23.0	0.0	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1		22.83	22.89	22.91	23.0	0.0
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1		22.87	22.86	22.86	23.0	0.0
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1		22.81	22.89	22.80	23.0	0.0
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1		22.82	22.88	22.90	23.0	0.0
Channel				649334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1		22.84	22.88	22.91	23.0	0.0
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1		22.82	22.84	22.82	23.0	0.0
Channel				647668	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1		22.85	22.83	22.81	23.0	0.0
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1		22.83	22.84	22.81	23.0	0.0
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1		22.80	22.83	22.88	23.0	0.0
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1		22.86	22.88	22.91	23.0	0.0
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1		22.84	22.85	22.90	23.0	0.0

Part27Q n78 Ant4 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		19.08			19.5	0.0
100	1/2 BPS	1	137		19.05			19.5	0.0
100	1/2 BPS	1	271		19.13			19.5	0.0
100	1/2 BPS	135	0		19.11			19.5	0.0
100	1/2 BPS	135	69		19.05			19.5	0.0
100	1/2 BPS	135	138		19.08			19.5	0.0
100	1/2 BPS	270	0		19.14			19.5	0.0
100	QPSK	1	1		19.15			19.5	0.0
100	QPSK	1	137		19.07			19.5	0.0
100	QPSK	1	271		19.14			19.5	0.0
100	QPSK	135	0		19.10			19.5	0.0
100	QPSK	135	69		19.14			19.5	0.0
100	QPSK	135	138		19.06			19.5	0.0
100	QPSK	270	0		19.15			19.5	0.0
100	16QAM	1	1		19.13			19.5	0.0
100	64QAM	1	1		19.10			19.5	0.0
100	256QAM	1	1		19.06			19.5	0.0
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1		19.03	18.96	19.03	19.5	0.0
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1		19.00	19.04	19.01	19.5	0.0
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1		19.02	18.96	18.94	19.5	0.0
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1		18.96	18.94	18.96	19.5	0.0
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1		18.95	18.97	18.93	19.5	0.0
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1		19.02	18.94	19.01	19.5	0.0
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1		18.94	19.02	18.96	19.5	0.0
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1		19.00	18.97	18.98	19.5	0.0
Channel				630668	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1		19.05	18.99	19.03	19.5	0.0
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1		18.96	19.05	18.96	19.5	0.0
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1		18.96	18.98	19.02	19.5	0.0

Part27Q n78 PC2 Ant4 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		22.53				
100	1/2 BPS	1	137		22.58		23.0	0.0	
100	1/2 BPS	1	271		22.57				
100	1/2 BPS	135	0		22.56		23.0	0.0	
100	1/2 BPS	135	69		22.57		23.0	0.0	
100	1/2 BPS	135	138		22.55		23.0	0.0	
100	1/2 BPS	270	0		22.59				
100	QPSK	1	1		22.70				
100	QPSK	1	137		22.54		23.0	0.0	
100	QPSK	1	271		22.69				
100	QPSK	135	0		22.63		23.0	0.0	
100	QPSK	135	69		22.66		23.0	0.0	
100	QPSK	135	138		22.54				
100	QPSK	270	0		22.66		23.0	0.0	
100	16QAM	1	1		22.63		23.0	0.0	
100	64QAM	1	1		22.57		23.0	0.0	
100	256QAM	1	1		22.59		23.0	0.0	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1		22.58	22.63	22.55	23.0	0.0
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1		22.66	22.64	22.63	23.0	0.0
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1		22.59	22.60	22.61	23.0	0.0
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1		22.66	22.66	22.56	23.0	0.0
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525.03	up	(dB)	
50	QPSK	1	1		22.57	22.56	22.56	23.0	0.0
Channel				631334	633334	633334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1		22.65	22.60	22.64	23.0	0.0
Channel				631000	633334	633668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1		22.55	22.64	22.64	23.0	0.0
Channel				630684	633334	633684	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1		22.65	22.62	22.54	23.0	0.0
Channel				630668	633334	633668	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1		22.58	22.63	22.63	23.0	0.0
Channel				630500	633334	633668	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1		22.57	22.55	22.63	23.0	0.0
Channel				630334	633334	633668	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1		22.57	22.57	22.56	23.0	0.0

n7 Ant6 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	25.17	25.22	25.18	25.5	0.0	
50	1/2 BPSK	1	135	25.17	25.17	25.19			
50	1/2 BPSK	1	268	25.14	25.15	25.20			
50	1/2 BPSK	135	0	24.70	24.80	24.71	25.0	0.5	
50	1/2 BPSK	135	68	25.10	25.21	25.13	25.5	0.0	
50	1/2 BPSK	135	135	24.70	24.81	24.78			
50	1/2 BPSK	270	0	24.75	24.76	24.71	25.0	0.5	
50	QPSK	1	1	25.23	25.25	25.22			
50	QPSK	1	135	25.13	25.11	25.20	25.5	0.0	
50	QPSK	1	268	25.19	25.13	25.15			
50	QPSK	135	0	24.19	24.26	24.25	24.5	1.0	
50	QPSK	135	68	25.14	25.20	25.12	25.5	0.0	
50	QPSK	135	135	24.21	24.25	24.20			
50	QPSK	270	0	24.26	24.27	24.20	24.5	1.0	
50	16QAM	1	1	24.27	24.24	24.28	24.5	1.0	
50	64QAM	1	1	22.77	22.71	22.68	23.0	2.5	
50	256QAM	1	1	20.70	20.76	20.77	21.0	4.5	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	25.10	25.15	25.15	25.5	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	25.13	25.19	25.13	25.5	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	25.16	25.21	25.12	25.5	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	25.17	25.22	25.09	25.5	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	25.12	25.20	25.18	25.5	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	25.15	25.21	25.18	25.5	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	25.19	25.13	25.18	25.5	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	25.16	25.15	25.19	25.5	0.0	

n66 Ant6 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	24.87	24.96	24.84			
45	1/2 BPSK	1	120	24.89	24.92	24.87	25.5	0.0	
45	1/2 BPSK	1	240	24.88	24.94	24.96			
45	1/2 BPSK	120	0	24.41	24.46	24.46	25.0	0.5	
45	1/2 BPSK	120	60	24.89	24.90	24.90	25.5	0.0	
45	1/2 BPSK	120	120	24.48	24.50	24.45	25.0	0.5	
45	1/2 BPSK	240	0	24.44	24.47	24.53			
45	QPSK	1	1	24.93	25.01	24.98			
45	QPSK	1	120	24.88	24.95	24.88	25.5	0.0	
45	QPSK	1	240	24.81	24.96	24.94			
45	QPSK	120	0	23.87	23.97	24.02	24.5	1.0	
45	QPSK	120	60	24.82	24.97	24.90	25.5	0.0	
45	QPSK	120	120	23.92	24.01	23.96			
45	QPSK	240	0	23.90	24.04	24.01	24.5	1.0	
45	16QAM	1	1	23.95	23.99	23.93	24.5	1.0	
45	64QAM	1	1	22.41	22.50	22.54	23.0	2.5	
45	256QAM	1	1	20.40	20.51	20.52	21.0	4.5	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	24.80	24.96	24.85	25.5	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	24.80	24.91	24.95	25.5	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	24.88	24.95	24.94	25.5	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	24.84	24.95	24.86	25.5	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	24.80	24.90	24.89	25.5	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	24.87	24.89	24.90	25.5	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	24.85	24.93	24.93	25.5	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	24.89	24.98	24.87	25.5	0.0	

n38 Ant6 DS14									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	1/2 BPSK	1	1	24.98	24.99	24.96	25.5	0.0	
40	1/2 BPSK	1	53	25.03	25.00	24.96			
40	1/2 BPSK	1	104	24.96	25.05	24.95			
40	1/2 BPSK	50	0	24.56	24.55	24.54	25.0	0.5	
40	1/2 BPSK	50	28	24.59	24.62	24.59	25.5	0.0	
40	1/2 BPSK	50	56	24.59	24.61	24.51	25.0	0.5	
40	1/2 BPSK	100	0	24.59	24.60	24.53	25.5	0.0	
40	QPSK	1	1	25.08	25.10	25.06			
40	QPSK	1	53	24.96	24.99	24.98			
40	QPSK	1	104	25.01	25.07	25.00	25.5	1.0	
40	QPSK	50	0	24.10	24.07	24.05			
40	QPSK	50	28	25.03	25.07	24.96			
40	QPSK	50	56	24.07	24.11	24.01	24.5	1.0	
40	QPSK	100	0	24.12	24.13	24.10	24.5	1.0	
40	16QAM	1	1	24.05	24.09	24.06	24.5	1.0	
40	64QAM	1	1	22.59	22.62	22.52	23.0	2.5	
40	256QAM	1	1	20.64	20.60	20.51	21.0	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	25.05	25.07	25.02	25.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	25.05	25.08	25.02	25.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	24.99	25.02	25.01	25.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	25.02	25.04	25.02	25.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	25.02	24.97	24.97	25.5	0.0	

n41 Ant6 DS14									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	1/2 BPSK	1	1	24.93	24.93	24.87	25.5	0.0	
100	1/2 BPSK	1	137	25.04	24.91	24.96			
100	1/2 BPSK	1	271	24.93	24.98	24.92			
100	1/2 BPSK	135	0	24.55	24.49	24.48	25.0	0.5	
100	1/2 BPSK	135	69	24.97	25.00	24.94	25.5	0.0	
100	1/2 BPSK	135	138	24.53	24.54	24.46	25.0	0.5	
100	1/2 BPSK	270	0	24.61	24.54	24.51	25.5	0.0	
100	QPSK	1	1	25.09	25.13	24.97			
100	QPSK	1	137	24.90	24.94	24.96			
100	QPSK	1	271	24.93	25.04	24.99	24.5	1.0	
100	QPSK	135	0	24.04	24.02	24.06			
100	QPSK	135	69	24.98	25.09	24.93			
100	QPSK	135	138	24.06	24.06	23.92	24.5	1.0	
100	QPSK	270	0	24.11	24.16	24.06	24.5	1.0	
100	16QAM	1	1	24.01	24.11	24.06	24.5	1.0	
100	64QAM	1	1	22.56	22.63	22.54	23.0	2.5	
100	256QAM	1	1	20.63	20.56	20.49	21.0	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	25.04	25.05	24.94	25.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	25.05	25.00	24.91	25.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	25.02	25.01	24.91	25.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	24.98	25.00	24.87	25.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	25.03	25.07	24.86	25.5	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	25.02	25.07	24.92	25.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	25.00	25.06	24.94	25.5	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	24.97	25.08	24.87	25.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	25.02	24.99	24.88	25.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	24.98	25.07	24.93	25.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	25.06	25.02	24.99	25.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	24.97	25.01	24.89	25.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	25.06	25.01	24.89	25.5	0.0	

n48 Ant6 DS14									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	1/2 BPSK	1	1	22.04	22.02	22.05	23.6	0.0	
40	1/2 BPSK	1	53	22.07	22.10	22.01			
40	1/2 BPSK	1	104	22.01	22.04	22.03			
40	1/2 BPSK	50	0	21.62	21.65	21.60	23.1	0.5	
40	1/2 BPSK	50	28	22.05	22.01	21.94	23.6	0.0	
40	1/2 BPSK	50	56	21.57	21.62	21.61	23.1	0.5	
40	1/2 BPSK	100	0	21.61	21.68	21.59	23.6	0.0	
40	QPSK	1	1	22.06	22.10	22.06			
40	QPSK	1	53	21.97	22.03	21.99			
40	QPSK	1	104	22.03	22.11	22.03	22.6	1.0	
40	QPSK	50	0	21.13	21.21	21.04			
40	QPSK	50	28	22.06	22.11	22.03			
40	QPSK	50	56	21.06	21.14	21.06	22.6	1.0	
40	QPSK	100	0	21.11	21.18	21.06	22.6	1.0	
40	16QAM	1	1	21.04	21.15	21.13	22.6	1.0	
40	64QAM	1	1	19.63	19.67	19.59	21.1	2.5	
40	256QAM	1	1	17.62	17.68	17.60	19.1	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.95	22.01	22.02	23.6	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.94	22.07	21.94	23.6	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.96	22.13	21.97	23.6	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.98	22.03	22.03	23.6	0.0	

Part270 n77 Ant6 DS14									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	H2 BPSK	1	1	23.97	24.09	23.83			
100	H2 BPSK	1	137	23.99	24.12	23.92	25.3	0.0	
100	H2 BPSK	1	271	23.97	24.01	23.91			
100	H2 BPSK	135	0	23.97	24.09	23.83	24.8	0.0	
100	H2 BPSK	135	69	23.97	24.07	23.91	25.3	0.0	
100	H2 BPSK	135	138	23.94	23.69	23.50	24.8	0.5	
100	H2 BPSK	270	0	23.58	23.70	23.47			
100	QPSK	1	1	24.04	24.15	23.95			
100	QPSK	1	137	23.95	24.08	23.90	25.3	0.0	
100	QPSK	1	271	23.95	24.08	23.90			
100	QPSK	135	0	23.05	23.17	22.96	24.3	1.0	
100	QPSK	135	69	24.02	24.13	23.88	25.3	0.0	
100	QPSK	135	138	24.04	23.15	22.90	24.3	1.0	
100	QPSK	270	0	23.23	23.35	23.10			
160AM	1	1	1	23.07	23.16	22.93	24.3	1.0	
160AM	1	1	2159	21.70	21.40	22.26	25.0		
256QAM	1	1	1	19.51	19.61	19.50	28.0	4.5	
Channel				46500	65000	66204			
90	QPSK	1	1	23.91	24.02	23.90	25.3	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840.02	3940.02			
80	QPSK	1	1	23.39	24.11	24.11	25.3	0.0	
Channel				65000	65000	65000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	23.95	24.10	23.90	25.3	0.0	
Channel				64886	65000	663334			
Frequency (MHz)				3735	3840	3945			
60	QPSK	1	1	23.98	24.09	23.98	25.3	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	23.92	24.02	23.86	25.3	0.0	
Channel				65000	65000	65000			
Frequency (MHz)				3730	3840	3950			
40	QPSK	1	1	23.91	24.10	23.82	25.3	0.0	
Channel				64766	65000	663334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	23.93	24.07	23.93	25.3	0.0	
Channel				64500	65000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	23.98	24.06	23.82	25.3	0.0	
Channel				647334	65000	664668			
Frequency (MHz)				3730	3840	3970			
20	QPSK	1	1	23.99	24.06	23.88	25.3	0.0	
Channel				64188	65000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	24.00	24.11	23.88	25.3	0.0	
Channel				647334	65000	664668			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	23.91	24.11	23.91	25.3	0.0	

Part270 n77 PC2 Ant6 DS14									
BW (MHz)	Modulat on	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	1/2 BPSK	1	1	25.97	26.08	25.77			
100	1/2 BPSK	1	137	25.97	26.08	25.96		27.3	0.0
100	1/2 BPSK	1	271	26.01	26.07	25.90			
100	1/2 BPSK	135	0	25.45	25.81	25.41		26.8	0.5
100	1/2 BPSK	135	69	26.00	26.10	25.93			
100	1/2 BPSK	135	138	25.60	25.63	25.53		26.8	0.5
100	1/2 BPSK	270	0	25.56	25.72	25.42			
100	QPSK	1	1	25.96	26.17	25.99			
100	QPSK	1	137	26.04	26.11	25.86		27.3	0.0
100	QPSK	1	271	25.97	26.12	25.93			
100	QPSK	135	0	25.02	25.17	24.96		26.3	1.0
100	QPSK	135	69	26.00	26.14	25.91			
100	QPSK	135	138	25.06	25.16	24.85		26.3	1.0
100	QPSK	270	0	25.05	25.15	25.06			
100	16QAM	1	1	25.09	25.13	24.98		26.3	1.0
100	64QAM	1	1	23.64	23.69	23.37		24.8	2.5
100	256QAM	1	1	21.52	21.66	21.44		22.8	4.5
Channel									
Frequency (MHz)									
90	QPSK	1	1	25.95	26.07	25.91		27.3	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	25.92	26.09	25.91		27.3	0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	25.88	26.06	25.94		27.3	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	25.87	26.05	25.88		27.3	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	25.87	26.04	25.53		27.3	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	25.93	26.08	25.95		27.3	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	25.93	26.05	25.69		27.3	0.0
Channel									
Frequency (MHz)									
25	QPSK	1	1	25.94	26.04	25.90		27.3	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	25.94	26.09	25.87		27.3	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	25.88	26.07	25.91		27.3	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	25.95	26.04	25.85		27.3	0.0

Part270Q n77 Ant6 DS14									
BW (MHz)	Modulat on	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	1/2 BPSK	1	1		3500.01				
100	1/2 BPSK	1	137		23.58		25.3	0.0	
100	1/2 BPSK	1	271		23.30				
100	1/2 BPSK	135	0		23.17		24.8	0.5	
100	1/2 BPSK	135	69		23.57		25.3	0.0	
100	1/2 BPSK	135	138		23.15		24.8	0.5	
100	1/2 BPSK	270	0		23.15				
100	QPSK	1	1		23.85				
100	QPSK	1	137		23.52		25.3	0.0	
100	QPSK	1	271		23.52				
100	QPSK	135	0		22.89		24.3	1.0	
100	QPSK	135	69		23.62		25.3	0.0	
100	QPSK	135	138		22.72		24.3	1.0	
100	QPSK	270	0		22.62				
100	16QAM	1	1		22.67		24.3	1.0	
100	64QAM	1	1		21.17		22.8	2.5	
100	256QAM	1	1		19.08		20.8	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.56	23.54	23.52	25.3	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.58	23.57	23.59	25.3	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	23.58	23.51	23.57	25.3	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.56	23.52	23.54	25.3	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.53	23.60	23.60	25.3	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.56	23.49	23.51	25.3	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.51	23.57	23.59	25.3	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	23.59	23.54	23.56	25.3	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.56	23.52	23.55	25.3	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.61	23.56	23.50	25.3	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.57	23.54	23.53	25.3	0.0	

Part270Q n77 PC2 Ant6 DS14									
BW (MHz)	Modulat on	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	1/2 BPSK	1	1		3500.01				
100	1/2 BPSK	1	137		25.57		27.3	0.0	
100	1/2 BPSK	1	271		25.61				
100	1/2 BPSK	135	0		25.06		26.8	0.5	
100	1/2 BPSK	135	69		25.54		27.3	0.0	
100	1/2 BPSK	135	138		25.16		26.8	0.5	
100	1/2 BPSK	270	0		25.18				
100	QPSK	1	1		25.86				
100	QPSK	1	137		25.65		27.3	0.0	
100	QPSK	1	271		25.57				
100	QPSK	135	0		24.72		26.3	1.0	
100	QPSK	135	69		25.61		27.3	0.0	
100	QPSK	135	138		24.69		26.3	1.0	
100	QPSK	270	0		24.65				
100	16QAM	1	1		24.64		26.3	1.0	
100	64QAM	1	1		23.21		24.8	2.5	
100	256QAM	1	1		21.21		22.8	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	25.59	25.51	25.58	27.3	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	25.51	25.54	25.62	27.3	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	25.60	25.62	25.54	27.3	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	25.62	25.57	25.56	27.3	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	25.68	25.53	25.58	27.3	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	25.61	25.59	25.58	27.3	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	25.60	25.51	25.52	27.3	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	25.61	25.53	25.59	27.3	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	25.53	25.55	25.60	27.3	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	25.61	25.56	25.53	27.3	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	25.56	25.59	25.51	27.3	0.0	

Part27O n78 PC2 Ant6 DSi4									
BW (MHz)	Modulat on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3750	3750			
100	1/2 BPSK	1	1		26.05				
100	1/2 BPSK	1	137		26.05		27.2	0.0	
100	1/2 BPSK	1	271		26.02				
100	1/2 BPSK	135	0		25.53		26.7	0.5	
100	1/2 BPSK	135	69		26.06		27.2	0.0	
100	1/2 BPSK	135	138		25.49		26.7	0.5	
100	1/2 BPSK	270	0		25.60				
100	QPSK	1	1		26.13				
100	QPSK	1	137		26.09		27.2	0.0	
100	QPSK	1	271		26.10				
100	QPSK	135	0		24.93		26.2	1.0	
100	QPSK	135	69		25.98		27.2	0.0	
100	QPSK	135	138		24.96		26.2	1.0	
100	QPSK	270	0		24.95				
100	16QAM	1	1		24.96		26.2	1.0	
100	64QAM	1	1		22.91		24.7	2.5	
100	256QAM	1	1		20.77		22.7	4.5	
Channel									
Frequency (MHz)				64968	65000	65034	up	MPR (dB)	
				3745.02	3750	3755.01	up		
90	QPSK	1	1		26.07	25.98	26.05	27.2	0.0
Channel									
Frequency (MHz)				649334	650000	650668	up	MPR (dB)	
				3740.01	3750	3760.02	up		
80	QPSK	1	1		26.06	26.07	26.05	27.2	0.0
Channel									
Frequency (MHz)				649000	650000	651000	up	MPR (dB)	
				3735	3750	3765	up		
70	QPSK	1	1		26.09	26.04	26.01	27.2	0.0
Channel									
Frequency (MHz)				648668	650000	651334	up	MPR (dB)	
				3730.02	3750	3770.01	up		
60	QPSK	1	1		26.06	26.08	26.01	27.2	0.0
Channel									
Frequency (MHz)				648334	650000	651668	up	MPR (dB)	
				3725.01	3750	3775.02	up		
50	QPSK	1	1		26.08	26.03	26.00	27.2	0.0
Channel									
Frequency (MHz)				648000	650000	652000	up	MPR (dB)	
				3720	3750	3780	up		
40	QPSK	1	1		26.04	25.98	26.08	27.2	0.0
Channel									
Frequency (MHz)				647668	650000	652334	up	MPR (dB)	
				3715.02	3750	3765.01	up		
30	QPSK	1	1		25.98	26.01	25.99	27.2	0.0
Channel									
Frequency (MHz)				647500	650000	652500	up	MPR (dB)	
				3712.5	3750	3787.5	up		
25	QPSK	1	1		26.00	26.07	26.04	27.2	0.0
Channel									
Frequency (MHz)				647334	650000	652668	up	MPR (dB)	
				3710.01	3750	3790.00	up		
20	QPSK	1	1		25.98	25.97	25.97	27.2	0.0
Channel									
Frequency (MHz)				647168	650000	652834	up	MPR (dB)	
				3707.52	3750	3792.51	up		
15	QPSK	1	1		26.05	26.03	25.97	27.2	0.0
Channel									
Frequency (MHz)				647000	650000	653000	up	MPR (dB)	
				3705	3750	3795	up		
10	QPSK	1	1		25.98	26.09	26.04	27.2	0.0

Part27Q n78 Ant6 DSi4											
BW (MHz)	Modulat on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				3500.01							
100	1/2 BPSK	1	1		23.54						
100	1/2 BPSK	1	137		23.69		25.3		0.0		
100	1/2 BPSK	1	271		23.54						
100	1/2 BPSK	135	0		23.10		24.8		0.5		
100	1/2 BPSK	135	69		23.51		25.3		0.0		
100	1/2 BPSK	135	138		23.17		24.8		0.5		
100	1/2 BPSK	270	0		23.21						
100	QPSK	1	1		23.72						
100	QPSK	1	137		23.53		25.3		0.0		
100	QPSK	1	271		23.45						
100	QPSK	135	0		22.67		24.3		1.0		
100	QPSK	135	69		23.61		25.3		0.0		
100	QPSK	135	138		22.72		24.3		1.0		
100	QPSK	270	0		22.57						
100	16QAM	1	1		22.64		24.3		1.0		
100	64QAM	1	1		21.21		22.8		2.5		
100	256QAM	1	1		19.12		20.8		4.5		
Channel											
Frequency (MHz)				633000	633334	633668	up	MPR (dB)			
				3495	3500.01	3505.02	up				
90	QPSK	1	1		23.68	23.56	23.58	25.3	0.0		
Channel											
Frequency (MHz)				632668	633334	634000	up	MPR (dB)			
				3490.02	3500.01	3510	up				
80	QPSK	1	1		23.59	23.67	23.62	25.3	0.0		
Channel											
Frequency (MHz)				632334	633334	634334	up	MPR (dB)			
				3485.01	3500.01	3515.01	up				
70	QPSK	1	1		23.57	23.58	23.62	25.3	0.0		
Channel											
Frequency (MHz)				632000	633334	634668	up	MPR (dB)			
				3480	3500.01	3520.02	up				
60	QPSK	1	1		23.62	23.65	23.56	25.3	0.0		
Channel											
Frequency (MHz)				631668	633334	635000	up	MPR (dB)			
				3475.02	3500.01	3525	up				
50	QPSK	1	1		23.57	23.59	23.58	25.3	0.0		
Channel											
Frequency (MHz)				631334	633334	635334	up	MPR (dB)			
				3470.01	3500.01	3530.01	up				
40	QPSK	1	1		23.57	23.67	23.57	25.3	0.0		
Channel											
Frequency (MHz)				631000	633334	635668	up	MPR (dB)			
				3465	3500.01	3537.02	up				
30	QPSK	1	1		23.67	23.64	23.57	25.3	0.0		
Channel											
Frequency (MHz)				630834	633334	635834	up	MPR (dB)			
				3462.51	3500.01	3537.51	up				
25	QPSK	1	1		23.58	23.63	23.57	25.3	0.0		
Channel											
Frequency (MHz)				630668	633334	636000	up	MPR (dB)			
				3460.02	3500.01	3540	up				
20	QPSK	1	1		23.67	23.63	23.61	25.3	0.0		
Channel											
Frequency (MHz)				630500	633334	636168	up	MPR (dB)			
				3457.5	3500.01	3542.52	up				
15	QPSK	1	1		23.61	23.59	23.62	25.3	0.0		
Channel											
Frequency (MHz)				630334	633334	636334	up	MPR (dB)			
				3455.01	3500.01	3545.01	up				
10	QPSK	1	1		23.62	23.63	23.58	25.3	0.0		

n7 Ant7 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	19.70	19.81	19.68			
50	1/2 BPSK	1	135	19.74	19.75	19.70	20.8	0.0	
50	1/2 BPSK	1	268	19.70	19.75	19.71			
50	1/2 BPSK	135	0	19.65	19.75	19.75	20.8	0.0	
50	1/2 BPSK	135	68	19.70	19.73	19.71	20.8	0.0	
50	1/2 BPSK	135	135	19.64	19.71	19.76	20.8	0.0	
50	1/2 BPSK	270	0	19.69	19.79	19.66			
50	QPSK	1	1	19.64	19.85	19.73			
50	QPSK	1	135	19.67	19.78	19.67	20.8	0.0	
50	QPSK	1	268	19.70	19.78	19.75			
50	QPSK	135	0	19.69	19.70	19.74	20.8	0.0	
50	QPSK	135	68	19.71	19.79	19.69	20.8	0.0	
50	QPSK	135	135	19.65	19.70	19.72	20.8	0.0	
50	QPSK	270	0	19.66	19.76	19.73			
50	16QAM	1	1	19.64	19.74	19.66	20.8	0.0	
50	64QAM	1	1	19.70	19.76	19.75	20.8	0.0	
50	256QAM	1	1	18.14	18.19	18.27	19.3	1.5	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	19.56	19.62	19.58	20.8	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	19.51	19.55	19.68	20.8	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	19.59	19.55	19.69	20.8	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	19.55	19.65	19.59	20.8	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	19.57	19.60	19.63	20.8	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	19.48	19.64	19.68	20.8	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	19.58	19.65	19.62	20.8	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	19.55	19.62	19.62	20.8	0.0	

n66 Ant7 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	21.89	21.91	21.85			
45	1/2 BPSK	1	120	21.98	22.00	21.84	23.2	0.0	
45	1/2 BPSK	1	240	21.86	21.85	21.77			
45	1/2 BPSK	120	0	21.51	21.41	21.47	22.7	0.5	
45	1/2 BPSK	120	60	21.96	21.92	21.76	23.2	0.0	
45	1/2 BPSK	120	120	21.44	21.57	21.38	22.7	0.5	
45	1/2 BPSK	240	0	21.52	21.52	21.26			
45	QPSK	1	1	22.02	22.08	22.05			
45	QPSK	1	120	21.80	21.87	21.77	23.2	0.0	
45	QPSK	1	240	22.04	21.86	21.85			
45	QPSK	120	0	20.91	20.97	20.94	22.2	1.0	
45	QPSK	120	60	21.83	21.98	21.68	23.2	0.0	
45	QPSK	120	120	20.99	21.00	20.91	22.2	1.0	
45	QPSK	240	0	20.91	20.97	20.77			
45	16QAM	1	1	20.94	20.98	20.96	22.2	1.0	
45	64QAM	1	1	19.55	19.55	19.42	20.7	2.5	
45	256QAM	1	1	17.49	17.44	17.43	18.7	4.5	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	21.93	22.00	21.98	23.2	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	21.93	21.98	22.00	23.2	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	21.92	21.99	21.98	23.2	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	21.88	21.95	21.93	23.2	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	21.96	22.03	21.95	23.2	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	21.93	21.98	21.99	23.2	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	21.93	22.01	21.98	23.2	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	21.95	21.97	21.93	23.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	19.75	19.77	19.73			
40	1/2 BPSK	1	53	19.74	19.74	19.74	20.6	0.0	
40	1/2 BPSK	1	104	19.79	19.81	19.82			
40	1/2 BPSK	50	0	19.70	19.82	19.77	20.6	0.0	
40	1/2 BPSK	50	28	19.78	19.81	19.73	20.6	0.0	
40	1/2 BPSK	50	56	19.66	19.72	19.78			
40	1/2 BPSK	100	0	19.66	19.80	19.82	20.6	0.0	
40	QPSK	1	1	19.75	19.83	19.79			
40	QPSK	1	53	19.72	19.74	19.73	20.6	0.0	
40	QPSK	1	104	19.66	19.74	19.68			
40	QPSK	50	0	19.74	19.81	19.76	20.6	0.0	
40	QPSK	50	28	19.76	19.83	19.76	20.6	0.0	
40	QPSK	50	56	19.78	19.76	19.79			
40	QPSK	100	0	19.70	19.80	19.75	20.6	0.0	
40	16QAM	1	1	19.79	19.81	19.76	20.6	0.0	
40	64QAM	1	1	19.77	19.80	19.80	20.6	0.0	
40	256QAM	1	1	17.74	17.71	17.76	19.1	1.5	
Channel				517002	519000	520998	tune-up limit	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	19.24	19.35	19.28	20.6	0.0	
Channel				516504	519000	521496	tune-up limit	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	19.23	19.30	19.30	20.6	0.0	
Channel				516000	519000	522000	tune-up limit	MPR (dB)	
Frequency (MHz)				2560	2595	2610			
20	QPSK	1	1	19.24	19.35	19.31	20.6	0.0	
Channel				515502	519000	522498	tune-up limit	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	19.24	19.35	19.32	20.6	0.0	
Channel				515004	519000	522996	tune-up limit	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	19.24	19.31	19.28	20.6	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	19.22	19.32	19.22			
100	1/2 BPSK	1	137	19.17	19.32	19.22	20.2	0.0	
100	1/2 BPSK	1	271	19.13	19.35	19.17			
100	1/2 BPSK	135	0	19.17	19.24	19.25	20.2	0.0	
100	1/2 BPSK	135	69	19.20	19.33	19.22	20.2	0.0	
100	1/2 BPSK	135	138	19.19	19.34	19.19			
100	1/2 BPSK	270	0	19.16	19.29	19.17	20.2	0.0	
100	QPSK	1	1	19.22	19.36	19.16			
100	QPSK	1	137	19.18	19.27	19.22	20.2	0.0	
100	QPSK	1	271	19.13	19.32	19.16			
100	QPSK	135	0	19.16	19.32	19.19	20.2	0.0	
100	QPSK	135	69	19.15	19.33	19.25	20.2	0.0	
100	QPSK	135	138	19.16	19.24	19.26			
100	QPSK	270	0	19.17	19.28	19.27	20.2	0.0	
100	16QAM	1	1	19.23	19.28	19.18	20.2	0.0	
100	64QAM	1	1	19.17	19.30	19.28	20.2	0.0	
100	256QAM	1	1	18.27	18.35	18.21	19.2	1.0	
Channel				508200	518598	528996	tune-up limit	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	19.11	19.24	19.04	20.2	0.0	
Channel				507204	518598	529998	tune-up limit	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	19.10	19.23	19.11	20.2	0.0	
Channel				506202	518598	531000	tune-up limit	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.11	19.24	19.06	20.2	0.0	
Channel				505200	518598	531996	tune-up limit	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.08	19.19	19.08	20.2	0.0	
Channel				504204	518598	532998	tune-up limit	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	19.08	19.28	19.06	20.2	0.0	
Channel				503700	518598	533496	tune-up limit	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	19.17	19.19	19.06	20.2	0.0	
Channel				503202	518598	534000	tune-up limit	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.06	19.25	19.01	20.2	0.0	
Channel				502704	518598	534498	tune-up limit	MPR (dB)	
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	19.18	19.26	19.06	20.2	0.0	
Channel				502200	518598	534996	tune-up limit	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.11	19.30	19.01	20.2	0.0	
Channel				501702	518598	535500	tune-up limit	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	19.06	19.19	19.09	20.2	0.0	
Channel				501204	518598	535998	tune-up limit	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	19.07	19.21	19.08	20.2	0.0	
Channel				500700	518598	536496	tune-up limit	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	19.18	19.27	19.03	20.2	0.0	
Channel				500202	518598	537000	tune-up limit	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	19.06	19.28	19.01	20.2	0.0	

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BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3760	3840	3920		
100	1/2 BPSK	1	1	23.83	23.96	23.75		
100	1/2 BPSK	1	137	23.92	23.98	23.78	25.7	0.0
100	1/2 BPSK	1	271	23.89	23.95	23.81		
100	1/2 BPSK	135	0	23.36	23.61	23.39	25.2	0.5
100	1/2 BPSK	135	69	23.86	23.92	23.87	25.7	0.0
100	1/2 BPSK	135	138	23.42	23.57	23.40		
100	1/2 BPSK	270	0	23.43	23.55	23.42	25.2	0.5
100	QPSK	1	1	23.72	24.13	24.06		
100	QPSK	1	137	23.95	23.91	23.83	25.7	0.0
100	QPSK	1	271	23.84	23.94	23.80		
100	QPSK	135	0	22.91	23.05	22.91	24.7	1.0
100	QPSK	135	69	23.96	23.98	23.75	25.7	0.0
100	QPSK	135	138	23.00	23.04	22.78		
100	QPSK	270	0	22.98	23.07	22.92	24.7	1.0
100	16QAM	1	1	22.96	23.10	22.82	24.7	1.0
100	64QAM	1	1	21.51	21.58	21.35	23.2	2.5
100	256QAM	1	1	19.47	19.56	19.34	21.2	4.5
Channel								
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.93	23.99	23.94	25.7	0.0
Channel								
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.90	24.00	23.91	25.7	0.0
Channel								
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.97	24.02	23.95	25.7	0.0
Channel								
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.94	24.05	23.99	25.7	0.0
Channel								
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.98	24.03	24.00	25.7	0.0
Channel								
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.95	24.09	23.91	25.7	0.0
Channel								
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.91	24.09	23.94	25.7	0.0
Channel								
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.93	24.07	24.00	25.7	0.0
Channel								
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.97	24.05	23.98	25.7	0.0
Channel								
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.96	24.05	23.92	25.7	0.0
Channel								
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.98	24.03	23.93	25.7	0.0

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BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	25.95	25.98	25.96		
100	1/2 BPSK	1	137	25.92	25.99	25.88	27.5	0.0
100	1/2 BPSK	1	271	25.95	26.07	25.84		
100	1/2 BPSK	135	0	25.35	25.53	25.36	27.0	0.5
100	1/2 BPSK	135	69	25.99	26.02	25.93	27.5	0.0
100	1/2 BPSK	135	138	25.51	25.58	25.53		
100	1/2 BPSK	270	0	25.45	25.71	25.36	27.0	0.5
100	QPSK	1	1	25.91	26.16	26.11		
100	QPSK	1	137	26.02	26.05	25.82	27.5	0.0
100	QPSK	1	271	25.92	26.12	25.86		
100	QPSK	135	0	26.01	26.10	24.93	26.5	1.0
100	QPSK	135	69	26.00	26.08	25.84	27.5	0.0
100	QPSK	135	138	24.98	25.08	24.78		
100	QPSK	270	0	25.00	25.07	24.96	26.5	1.0
100	16QAM	1	1	25.03	25.11	24.93	26.5	1.0
100	64QAM	1	1	23.64	23.68	23.35	25.0	2.5
100	256QAM	1	1	21.52	21.61	21.37	23.0	4.5
Channel								
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.86	26.00	25.96	27.5	0.0
Channel								
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.86	26.12	26.01	27.5	0.0
Channel								
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.81	26.10	25.96	27.5	0.0
Channel								
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.84	26.00	25.96	27.5	0.0
Channel								
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.80	26.07	25.95	27.5	0.0
Channel								
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.76	26.11	25.99	27.5	0.0
Channel								
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.80	26.06	26.00	27.5	0.0
Channel								
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.78	26.12	26.00	27.5	0.0
Channel								
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.79	26.09	25.96	27.5	0.0
Channel								
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.81	26.05	26.00	27.5	0.0
Channel								
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.76	26.01	26.02	27.5	0.0

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BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3500.01				
100	1/2 BPSK	1	1	23.79				
100	1/2 BPSK	1	137	23.76			25.7	0.0
100	1/2 BPSK	1	271	23.78				
100	1/2 BPSK	135	0	23.37			25.2	0.5
100	1/2 BPSK	135	69	23.71			25.7	0.0
100	1/2 BPSK	135	138	23.33			25.2	0.5
100	1/2 BPSK	270	0	23.38				
100	QPSK	1	1	23.94				
100	QPSK	1	137	23.72			25.7	0.0
100	QPSK	1	271	23.74				
100	QPSK	135	0	22.86			24.7	1.0
100	QPSK	135	69	23.81			25.7	0.0
100	QPSK	135	138	22.79				
100	QPSK	270	0	22.87			24.7	1.0
100	16QAM	1	1	22.95			24.7	1.0
100	64QAM	1	1	21.33			23.2	2.5
100	256QAM	1	1	19.39			21.2	4.5
Channel								
Frequency (MHz)				633000	633334	633668		
90	QPSK	1	1	23.78	23.89	23.81	25.7	0.0
Channel								
Frequency (MHz)				632668	633334	634000		
80	QPSK	1	1	23.76	23.83	23.84	25.7	0.0
Channel								
Frequency (MHz)				632334	633334	634334		
70	QPSK	1	1	23.83	23.86	23.78	25.7	0.0
Channel								
Frequency (MHz)				632000	633334	634668		
60	QPSK	1	1	23.83	23.85	23.89	25.7	0.0
Channel								
Frequency (MHz)				631668	633334	635000		
50	QPSK	1	1	23.85	23.84	23.83	25.7	0.0
Channel								
Frequency (MHz)				631334	633334	635334		
40	QPSK	1	1	23.85	23.82	23.84	25.7	0.0
Channel								
Frequency (MHz)				631000	633334	635668		
30	QPSK	1	1	23.81	23.87	23.78	25.7	0.0
Channel								
Frequency (MHz)				630834	633334	635934		
25	QPSK	1	1	23.82	23.78	23.81	25.7	0.0
Channel								
Frequency (MHz)				630668	633334	636000		
20	QPSK	1	1	23.82	23.83	23.79	25.7	0.0
Channel								
Frequency (MHz)				630500	633334	636168		
15	QPSK	1	1	23.87	23.90	23.82	25.7	0.0
Channel								
Frequency (MHz)				630334	633334	636334		
10	QPSK	1	1	23.87	23.82	23.81	25.7	0.0

Part270 n78 Ant10 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750					
100	1/2 BPSK	1	1		24.04				
100	1/2 BPSK	1	137		24.02		24.9	0.0	
100	1/2 BPSK	1	271		23.99				
100	1/2 BPSK	135	0		23.57		24.4	0.5	
100	1/2 BPSK	135	69		23.96		24.9	0.0	
100	1/2 BPSK	135	138		23.50		24.4	0.5	
100	1/2 BPSK	270	0		23.54				
100	QPSK	1	1		24.13				
100	QPSK	1	137		23.92		24.9	0.0	
100	QPSK	1	271		23.95				
100	QPSK	135	0		23.01		23.9	1.0	
100	QPSK	135	69		23.95		24.9	0.0	
100	QPSK	135	138		23.02		23.9	1.0	
100	QPSK	270	0		23.11				
100	16QAM	1	1		23.13		23.9	1.0	
100	64QAM	1	1		21.52		22.4	2.5	
100	256QAM	1	1		19.64		20.4	4.5	
Channel				649668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	23.98	24.06	24.00	24.9	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	23.89	23.97	23.89	24.9	0.0	
Channel				649200	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	23.87	23.99	23.97	24.9	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	23.93	24.03	23.98	24.9	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	23.97	24.04	23.99	24.9	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	23.94	23.95	23.96	24.9	0.0	
Channel				647650	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	23.91	23.95	23.90	24.9	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	23.96	24.06	23.95	24.9	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	23.94	24.03	23.89	24.9	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	23.88	23.98	23.91	24.9	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1	23.96	24.05	23.90	24.9	0.0	

Part270 n78 PC2 Ant10 DSI4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				650000					
100	1/2 BPSK	1	1		25.98				
100	1/2 BPSK	1	137		25.88		26.8	0.0	
100	1/2 BPSK	1	271		25.89				
100	1/2 BPSK	135	0		25.48		26.3	0.5	
100	1/2 BPSK	135	69		25.91		26.8	0.0	
100	1/2 BPSK	135	138		25.35		26.3	0.5	
100	1/2 BPSK	270	0		25.43				
100	QPSK	1	1		26.03				
100	QPSK	1	137		25.79		26.8	0.0	
100	QPSK	1	271		25.85				
100	QPSK	135	0		24.96		25.8	1.0	
100	QPSK	135	69		25.83		26.8	0.0	
100	QPSK	135	138		24.93		25.8	1.0	
100	QPSK	270	0		24.95				
100	16QAM	1	1		25.05		25.8	1.0	
100	64QAM	1	1		23.44		24.3	2.5	
100	256QAM	1	1		21.60		22.3	4.5	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	25.86	25.91	25.84	26.8	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	25.85	25.95	25.89	26.8	0.0	
Channel				649200	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	25.92	25.99	25.85	26.8	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	25.82	26.00	25.93	26.8	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	25.84	25.97	25.92	26.8	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	25.85	25.98	25.93	26.8	0.0	
Channel				647650	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	25.93	26.00	25.85	26.8	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	25.94	26.01	25.88	26.8	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	25.89	26.00	25.90	26.8	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	25.91	26.00	25.94	26.8	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1	25.85	25.95	25.96	26.8	0.0	

Part27Q n78 Ant10 DSI4									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq. 633334	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		23.61				
100	1/2 BPSK	1	137		23.61		24.9	0.0	
100	1/2 BPSK	1	271		23.64				
100	1/2 BPSK	135	0		23.14		24.4	0.5	
100	1/2 BPSK	135	69		23.53		24.9	0.0	
100	1/2 BPSK	135	138		23.05		24.4	0.5	
100	1/2 BPSK	270	0		23.16				
100	QPSK	1	1		23.74				
100	QPSK	1	137		23.47		24.9	0.0	
100	QPSK	1	271		23.56				
100	QPSK	135	0		22.57		23.9	1.0	
100	QPSK	135	69		23.54		24.9	0.0	
100	QPSK	135	138		22.66		23.9	1.0	
100	QPSK	270	0		22.87				
100	16QAM	1	1		22.69		23.9	1.0	
100	64QAM	1	1		21.09		22.4	2.5	
100	256QAM	1	1		19.24		20.4	4.5	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	23.58	23.67	23.64	24.9	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	23.56	23.64	23.55	24.9	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	23.55	23.63	23.59	24.9	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	23.54	23.65	23.58	24.9	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1	23.53	23.64	23.57	24.9	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	23.63	23.67	23.55	24.9	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1	23.56	23.62	23.59	24.9	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1	23.58	23.66	23.61	24.9	0.0	
Channel				3460.69	633334	636069	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	23.63	23.65	23.60	24.9	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	23.58	23.71	23.63	24.9	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1	23.60	23.67	23.65	24.9	0.0	

Reduced Power Mode for DSI5_Other PA

n7 Ant5 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000	15.0	0.0	
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	14.33	14.27	14.18	15.0	0.0	
50	1/2 BPSK	1	135	14.22	14.31	14.14			
50	1/2 BPSK	1	268	14.26	14.29	14.25	15.0	0.0	
50	1/2 BPSK	135	0	14.28	14.37	14.22			
50	1/2 BPSK	135	68	14.27	14.33	14.22	15.0	0.0	
50	1/2 BPSK	135	135	14.33	14.27	14.23			
50	1/2 BPSK	270	0	14.29	14.33	14.25	15.0	0.0	
50	QPSK	1	1	14.26	14.41	14.22			
50	QPSK	1	135	14.30	14.27	14.24	15.0	0.0	
50	QPSK	1	268	14.21	14.37	14.16			
50	QPSK	135	0	14.33	14.37	14.21	15.0	0.0	
50	QPSK	135	68	14.30	14.39	14.15			
50	QPSK	135	135	14.24	14.34	14.25	15.0	0.0	
50	QPSK	270	0	14.23	14.30	14.21			
50	16QAM	1	1	14.29	14.26	14.22	15.0	0.0	
50	64QAM	1	1	14.22	14.27	14.18			
50	256QAM	1	1	14.31	14.32	14.18	15.0	0.0	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550	15.0	0.0	
40	QPSK	1	1	14.14	14.23	14.11		0.0	
Channel				503500	507000	510500	15.0	MPR	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	14.15	14.31	14.10	15.0	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555	15.0	0.0	
30	QPSK	1	1	14.17	14.29	14.12		0.0	
Channel				502500	507000	511500	15.0	MPR	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	14.16	14.27	14.10	15.0	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560	15.0	0.0	
20	1/2 BPSK	1	1	14.15	14.24	14.12		0.0	
Channel				501500	507000	512500	15.0	MPR	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	14.15	14.25	14.07	15.0	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565	15.0	0.0	
10	QPSK	1	1	14.20	14.27	14.18		0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5	15.0	0.0	
5	QPSK	1	1	14.20	14.21	14.07		0.0	

n66 Ant5 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500	15.8	0.0	
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	14.84	14.82	14.74	15.8	0.0	
45	1/2 BPSK	1	120	14.83	14.87	14.74			
45	1/2 BPSK	1	240	14.80	14.86	14.77	15.8	0.0	
45	1/2 BPSK	120	0	14.80	14.76	14.72			
45	1/2 BPSK	120	60	14.74	14.79	14.76	15.8	0.0	
45	1/2 BPSK	120	120	14.81	14.78	14.78			
45	1/2 BPSK	240	0	14.80	14.77	14.79	15.8	0.0	
45	QPSK	1	1	14.77	14.89	14.71			
45	QPSK	1	120	14.76	14.87	14.74	15.8	0.0	
45	QPSK	1	240	14.83	14.80	14.76			
45	QPSK	120	0	14.81	14.86	14.72	15.8	0.0	
45	QPSK	120	60	14.81	14.87	14.75			
45	QPSK	120	120	14.80	14.86	14.71	15.8	0.0	
45	QPSK	240	0	14.82	14.83	14.71			
45	16QAM	1	1	14.84	14.84	14.82	15.8	0.0	
45	64QAM	1	1	14.79	14.83	14.80			
45	256QAM	1	1	14.83	14.82	14.72	15.8	0.0	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760	15.8	0.0	
40	QPSK	1	1	14.72	14.74	14.66		0.0	
Channel				345500	349000	352500	15.8	MPR	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	14.64	14.72	14.59	15.8	0.0	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765	15.8	0.0	
30	QPSK	1	1	14.63	14.75	14.56		0.0	
Channel				344500	349000	353500	15.8	MPR	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	14.70	14.79	14.63	15.8	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770	15.8	0.0	
20	QPSK	1	1	14.72	14.74	14.60		0.0	
Channel				343500	349000	354500	15.8	MPR	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	14.65	14.82	14.58	15.8	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775	15.8	0.0	
10	QPSK	1	1	14.68	14.81	14.66		0.0	
Channel				342500	349000	355500	15.8	MPR	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	14.65	14.77	14.65	15.8	0.0	

n38 Ant5 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	516000	516996			
Frequency (MHz)				2590.02	2595	2595.98			
40	1/2 BPSK	1	1	13.74	13.80	13.71	14.5	0.0	
40	1/2 BPSK	1	53	13.72	13.73	13.76			
40	1/2 BPSK	1	104	13.67	13.79	13.78			
40	1/2 BPSK	50	0	13.66	13.78	13.71	14.5	0.0	
40	1/2 BPSK	50	28	13.68	13.71	13.69	14.5	0.0	
40	1/2 BPSK	50	56	13.76	13.75	13.70	14.5	0.0	
40	1/2 BPSK	100	0	13.74	13.78	13.71			
40	QPSK	1	1	13.71	13.85	13.80			
40	QPSK	1	53	13.75	13.80	13.77	14.5	0.0	
40	QPSK	1	104	13.75	13.72	13.71			
40	QPSK	50	0	13.67	13.78	13.70			
40	QPSK	50	28	13.70	13.82	13.72	14.5	0.0	
40	QPSK	50	56	13.70	13.81	13.75	14.5	0.0	
40	QPSK	100	0	13.68	13.81	13.79			
40	16QAM	1	1	13.67	13.72	13.76			
40	64QAM	1	1	13.70	13.80	13.78	14.5	0.0	
40	256QAM	1	1	13.76	13.73	13.75	14.5	0.0	
Channel				517002	519000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	13.81	13.72	13.64	14.5	0.0	
Channel				516504	519000	521496	14.5	0.0	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	13.57	13.68	13.71			
Channel				516000	519000	522000	14.5	0.0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	13.66	13.74	13.65			
Channel				515502	519000	522498	14.5	0.0	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	13.60	13.70	13.65			
Channel				516004	518000	522996	14.5	0.0	
Frequency (MHz)				2573.02	2595	2614.98			
10	QPSK	1	1	13.60	13.67	13.73			

n41 Ant5 DSI5									
BW (MHz)	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	528090			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	13.10	13.10	13.02	14.1	0.0	
100	1/2 BPSK	1	137	13.05	13.10	13.07			
100	1/2 BPSK	1	271	13.09	13.10	13.05			
100	1/2 BPSK	135	0	13.11	13.08	13.10	14.1	0.0	
100	1/2 BPSK	135	69	13.11	13.10	13.02	14.1	0.0	
100	1/2 BPSK	135	138	13.07	13.17	13.07	14.1	0.0	
100	1/2 BPSK	270	0	13.09	13.10	13.06			
100	QPSK	1	1	13.10	13.19	13.04			
100	QPSK	1	137	13.01	13.10	13.10	14.1	0.0	
100	QPSK	1	271	13.01	13.07	13.02			
100	QPSK	135	0	13.09	13.08	13.11			
100	QPSK	135	69	13.11	13.13	13.08	14.1	0.0	
100	QPSK	135	138	13.03	13.10	13.12	14.1	0.0	
100	QPSK	270	0	13.04	13.16	13.08			
100	16QAM	1	1	13.03	13.13	13.08			
100	64QAM	1	1	13.06	13.17	13.06	14.1	0.0	
100	256QAM	1	1	13.01	13.15	13.02	14.1	0.0	
Channel				508200	518596	529996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	13.01	13.06	12.89	14.1	0.0	
Channel				507204	518598	529998	14.1	0.0	
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	13.05	13.06	12.99			
Channel				520200	518596	529996	14.1	0.0	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	13.04	13.10	12.93			
Channel				505200	518598	531996	14.1	0.0	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	12.95	13.00	12.95			
Channel				520200	518596	529996	14.1	0.0	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	12.94	13.03	12.89			
Channel				503700	518598	533496	14.1	0.0	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	12.97	13.11	12.91			
Channel				520200	518596	529996	14.1	0.0	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	13.05	13.07	12.99			
Channel				502704	518598	534496	14.1	0.0	
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	13.03	13.04	12.99			
Channel				520200	518596	529996	14.1	0.0	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	12.94	13.04	12.94			
Channel				501702	518598	535500	14.1	0.0	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	13.05	13.09	12.92			
Channel				501204	518598	535996	14.1	0.0	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	13.05	13.00	12.95			
Channel				500700	518598	536496	14.1	0.0	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	13.03	13.10	12.89			
Channel				500202	518598	537000	14.1	0.0	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	13.03	13.03	12.97			

Par270 n77 Ant5 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	14.38	14.46	14.46	15.8	0.0	
100	1/2 BPSK	1	137	14.33	14.49	14.46			
100	1/2 BPSK	1	271	14.36	14.41	14.44			
100	1/2 BPSK	135	0	14.35	14.43	14.43	15.8	0.0	
100	1/2 BPSK	135	69	14.33	14.51	14.37	15.8	0.0	
100	1/2 BPSK	135	138	14.40	14.45	14.45	15.8	0.0	
100	1/2 BPSK	270	0	14.42	14.39	14.38			
100	QPSK	1	1	14.35	14.53	14.48			
100	QPSK	1	137	14.40	14.49	14.47	15.8	0.0	
100	QPSK	1	271	14.33	14.47	14.48			
100	QPSK	135	0	14.32	14.41	14.38			
100	QPSK	135	69	14.34	14.46	14.44	15.8	0.0	
100	QPSK	135	138	14.36	14.41	14.44	15.8	0.0	
100	QPSK	270	0	14.34	14.47	14.46			
100	16QAM	1	1	14.34	14.41	14.46			
100	64QAM	1	1	14.35	14.48	14.40	15.8	0.0	
100	256QAM	1	1	14.31	14.44	14.44	15.8	0.0	
Channel				648668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	14.30	14.34	14.41	15.8	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	14.22	14.29	14.35	15.8	0.0	
Channel				649700	656000	662000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	14.20	14.31	14.42	15.8	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	14.31	14.31	14.36	15.8	0.0	
Channel				649334	656000	662000			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	14.30	14.27	14.35	15.8	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	14.25	14.20	14.40	15.8	0.0	
Channel				647668	656000	663334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	14.24	14.33	14.43	15.8	0.0	
Channel				647000	656000	664000			
Frequency (MHz)				3712.5	3840	3975.0			
25	QPSK	1	1	14.23	14.27	14.42	15.8	0.0	
Channel				647334	656000	663334			
Frequency (MHz)				6473.01	3840	3970.02			
20	QPSK	1	1	14.22	14.35	14.43	15.8	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3712.5	3840	3975.01			
15	QPSK	1	1	14.23	14.39	14.53	15.8	0.0	
Channel				647000	656000	664000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	14.20	14.32	14.36	15.8	0.0	

Part27Q n77 Ant5 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				633334		14.21			
100	1/2 BPSK	1	1		14.21				
100	1/2 BPSK	1	137		14.15		15.8	0.0	
100	1/2 BPSK	1	271		14.14				
100	1/2 BPSK	135	0		14.17		15.8	0.0	
100	1/2 BPSK	135	69		14.21		15.8	0.0	
100	1/2 BPSK	135	138		14.23				
100	1/2 BPSK	270	0		14.20		15.8	0.0	
100	QPSK	1	1		14.25				
100	QPSK	1	137		14.19		15.8	0.0	
100	QPSK	1	271		14.18				
100	QPSK	135	0		14.20		15.8	0.0	
100	QPSK	135	69		14.21		15.8	0.0	
100	QPSK	135	138		14.15				
100	QPSK	270	0		14.18		15.8	0.0	
100	16QAM	1	1		14.14		15.8	0.0	
100	64QAM	1	1		14.20		15.8	0.0	
100	256QAM	1	1		14.13		15.8	0.0	
Channel				633000	633334	633668	up	MPR	(dB)
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	14.11	14.01	14.03	15.8	0.0	
Channel				632668	633334	634000	up	MPR	(dB)
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	14.09	14.04	14.10	15.8	0.0	
Channel				632334	633334	634334	up	MPR	(dB)
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	14.07	14.05	14.05	15.8	0.0	
Channel				632000	633334	634668	up	MPR	(dB)
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	14.01	14.10	14.01	15.8	0.0	
Channel				631668	633334	635000	up	MPR	(dB)
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1	14.01	14.02	14.10	15.8	0.0	
Channel				631334	633334	635334	up	MPR	(dB)
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	14.01	14.08	14.10	15.8	0.0	
Channel				631000	633334	635668	up	MPR	(dB)
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1	14.07	14.00	14.07	15.8	0.0	
Channel				630834	633334	635834	up	MPR	(dB)
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1	14.08	14.08	14.09	15.8	0.0	
Channel				630668	633334	636000	up	MPR	(dB)
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	14.09	14.03	14.03	15.8	0.0	
Channel				630500	633334	636168	up	MPR	(dB)
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	14.09	14.00	14.08	15.8	0.0	
Channel				630334	633334	636334	up	MPR	(dB)
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1	14.04	14.01	14.03	15.8	0.0	

Part27Q n77 PC2 Ant5 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel					633334				
Frequency (MHz)					3500.01				
100	1/2 BPSK	1	1		17.21				
100	1/2 BPSK	1	137		17.11		18.8	0.0	
100	1/2 BPSK	1	271		17.10				
100	1/2 BPSK	135	0		17.13		18.8	0.0	
100	1/2 BPSK	135	69		17.25		18.8	0.0	
100	1/2 BPSK	135	138		17.22				
100	1/2 BPSK	270	0		17.19		18.8	0.0	
100	QPSK	1	1		17.27				
100	QPSK	1	137		17.19		18.8	0.0	
100	QPSK	1	271		17.12				
100	QPSK	135	0		17.14		18.8	0.0	
100	QPSK	135	69		17.25		18.8	0.0	
100	QPSK	135	138		17.20				
100	QPSK	270	0		17.19		18.8	0.0	
100	16QAM	1	1		17.16		18.8	0.0	
100	64QAM	1	1		17.18		18.8	0.0	
100	256QAM	1	1		17.13		18.8	0.0	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up (dB)		
90	QPSK	1	1	17.16	17.17	17.12	18.8	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up (dB)		
80	QPSK	1	1	17.10	17.09	17.05	18.8	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up (dB)		
70	QPSK	1	1	17.17	17.15	17.09	18.8	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up (dB)		
60	QPSK	1	1	17.14	17.10	17.15	18.8	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up (dB)		
50	QPSK	1	1	17.09	17.08	17.16	18.8	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up (dB)		
40	QPSK	1	1	17.17	17.13	17.14	18.8	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up (dB)		
30	QPSK	1	1	17.10	17.11	17.14	18.8	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up (dB)		
25	QPSK	1	1	17.08	17.07	17.18	18.8	0.0	
Channel				630668	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up (dB)		
20	QPSK	1	1	17.09	17.17	17.13	18.8	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up (dB)		
15	QPSK	1	1	17.17	17.10	17.11	18.8	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up (dB)		
10	QPSK	1	1	17.08	17.17	17.10	18.8	0.0	

Part27O n78 Ant5 DSI5									
BW	Modulat	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit	MPR	
				Channel					
				Frequency (MHz)					
100	1/2 BPSK	1	1		14.31				
100	1/2 BPSK	1	137		14.31		15.5	0.0	
100	1/2 BPSK	1	271		14.31				
100	1/2 BPSK	135	0		14.33		15.5	0.0	
100	1/2 BPSK	135	69		14.34		15.5	0.0	
100	1/2 BPSK	135	138		14.34				
100	1/2 BPSK	270	0		14.36		15.5	0.0	
100	QPSK	1	1		14.39				
100	QPSK	1	137		14.35		15.5	0.0	
100	QPSK	1	271		14.31				
100	QPSK	135	0		14.30		15.5	0.0	
100	QPSK	135	69		14.33		15.5	0.0	
100	QPSK	135	138		14.30				
100	QPSK	270	0		14.38		15.5	0.0	
100	16QAM	1	1		14.30		15.5	0.0	
100	64QAM	1	1		14.30		15.5	0.0	
100	256QAM	1	1		14.36		15.5	0.0	
				Channel		649668	650000	650334	MPR
				Frequency (MHz)		3745.02	3750	3755.01	up (dB)
90	QPSK	1	1	14.30	14.26	14.31	15.5	0.0	
				Channel		649334	650000	650668	MPR
				Frequency (MHz)		3740.01	3750	3760.02	up (dB)
80	QPSK	1	1	14.32	14.33	14.30	15.5	0.0	
				Channel		649000	650000	651000	MPR
				Frequency (MHz)		3735	3750	3765	up (dB)
70	QPSK	1	1	14.26	14.23	14.26	15.5	0.0	
				Channel		648668	650000	651334	MPR
				Frequency (MHz)		3730.02	3750	3770.01	up (dB)
60	QPSK	1	1	14.28	14.21	14.24	15.5	0.0	
				Channel		648334	650000	651668	MPR
				Frequency (MHz)		3725.01	3750	3775.02	up (dB)
50	QPSK	1	1	14.31	14.25	14.21	15.5	0.0	
				Channel		648000	650000	652000	MPR
				Frequency (MHz)		3720	3750	3760	up (dB)
40	QPSK	1	1	14.23	14.26	14.26	15.5	0.0	
				Channel		647668	650000	652334	MPR
				Frequency (MHz)		3715.02	3750	3785.01	up (dB)
30	QPSK	1	1	14.21	14.23	14.22	15.5	0.0	
				Channel		647500	650000	652500	MPR
				Frequency (MHz)		3712.5	3750	3787.5	up (dB)
25	QPSK	1	1	14.28	14.26	14.21	15.5	0.0	
				Channel		647334	650000	652668	MPR
				Frequency (MHz)		3710.01	3750	3790.02	up (dB)
20	QPSK	1	1	14.31	14.29	14.31	15.5	0.0	
				Channel		647168	650000	652834	MPR
				Frequency (MHz)		3707.5	3750	3792.51	up (dB)
15	QPSK	1	1	14.29	14.30	14.33	15.5	0.0	
				Channel		647000	650000	653000	MPR
				Frequency (MHz)		3705	3750	3795	up (dB)
10	QPSK	1	1	14.22	14.31	14.24	15.5	0.0	

Part27Q n78 Ant5 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)									
100	1/2 BPSK	1	1		13.98				
100	1/2 BPSK	1	137		13.94		15.5	0.0	
100	1/2 BPSK	1	271		14.01				
100	1/2 BPSK	135	0		14.01		15.5	0.0	
100	1/2 BPSK	135	69		13.95		15.5	0.0	
100	1/2 BPSK	135	138		13.94				
100	1/2 BPSK	270	0		13.99		15.5	0.0	
100	QPSK	1	1		14.05				
100	QPSK	1	137		14.04		15.5	0.0	
100	QPSK	1	271		13.96				
100	QPSK	135	0		14.09		15.5	0.0	
100	QPSK	135	69		14.01		15.5	0.0	
100	QPSK	135	138		13.98				
100	QPSK	270	0		13.93		15.5	0.0	
100	16QAM	1	1		13.95		15.5	0.0	
100	64QAM	1	1		13.94		15.5	0.0	
100	256QAM	1	1		13.95		15.5	0.0	
Channel				633000	633334	633668	15.5	MPR	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	13.78	13.77	13.85	15.5	0.0	
Channel				632668	633334	634000	15.5	MPR	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	13.87	13.77	13.75	15.5	0.0	
Channel				632334	633334	634334	15.5	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	13.79	13.88	13.82	15.5	0.0	
Channel				632000	633334	634668	15.5	MPR	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	13.85	13.75	13.77	15.5	0.0	
Channel				631668	633334	635000	15.5	MPR	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	13.87	13.82	13.85	15.5	0.0	
Channel				631334	633334	635334	15.5	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	13.88	13.82	13.84	15.5	0.0	
Channel				631000	633334	635668	15.5	MPR	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	13.84	13.82	13.86	15.5	0.0	
Channel				630634	633334	635834	15.5	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	13.79	13.77	13.80	15.5	0.0	
Channel				630268	633334	636000	15.5	MPR	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	13.86	13.81	13.82	15.5	0.0	
Channel				630500	633334	636168	15.5	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	13.83	13.86	13.78	15.5	0.0	
Channel				630134	633334	636334	15.5	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	13.84	13.86	13.78	15.5	0.0	

Part27Q n78 PC2 Ant5 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)									
100	1/2 BPSK	1	1		16.96				
100	1/2 BPSK	1	137		16.90		18.5	0.0	
100	1/2 BPSK	1	271		16.97				
100	1/2 BPSK	135	0		17.00		18.5	0.0	
100	1/2 BPSK	135	69		16.99		18.5	0.0	
100	1/2 BPSK	135	138		16.99				
100	1/2 BPSK	270	0		17.04		18.5	0.0	
100	QPSK	1	1		17.09				
100	QPSK	1	137		17.07		18.5	0.0	
100	QPSK	1	271		16.92				
100	QPSK	135	0		17.03		18.5	0.0	
100	QPSK	135	69		17.06		18.5	0.0	
100	QPSK	135	138		16.93				
100	QPSK	270	0		16.99		18.5	0.0	
100	16QAM	1	1		16.98		18.5	0.0	
100	64QAM	1	1		16.99		18.5	0.0	
100	256QAM	1	1		16.94		18.5	0.0	
Channel				633000	633334	633668	15.5	MPR	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	16.92	17.00	16.91	18.5	0.0	
Channel				632668	633334	634000	15.5	MPR	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	17.02	16.98	16.98	18.5	0.0	
Channel				632334	633334	634334	15.5	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	16.97	16.94	16.92	18.5	0.0	
Channel				632000	633334	634668	15.5	MPR	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	16.99	16.99	16.91	18.5	0.0	
Channel				631668	633334	635000	15.5	MPR	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	16.95	16.97	16.99	18.5	0.0	
Channel				631334	633334	635334	15.5	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	17.00	16.94	16.92	18.5	0.0	
Channel				631000	633334	635668	15.5	MPR	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	16.92	16.95	16.94	18.5	0.0	
Channel				630634	633334	635834	15.5	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	17.02	17.01	16.98	18.5	0.0	
Channel				630268	633334	636000	15.5	MPR	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	16.94	16.96	16.93	18.5	0.0	
Channel				630500	633334	636168	15.5	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	16.93	16.94	17.03	18.5	0.0	
Channel				630134	633334	636334	15.5	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	17.02	17.02	16.98	18.5	0.0	

n7 Ant4 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	17.00	17.03	17.05		18.2	0.0
50	1/2 BPSK	1	135	17.03	17.10	17.03			
50	1/2 BPSK	1	268	16.97	17.03	17.01			
50	1/2 BPSK	135	0	17.06	17.13	16.97	18.2	0.0	
50	1/2 BPSK	135	68	17.05	17.09	17.00	18.2	0.0	
50	1/2 BPSK	135	135	17.03	17.06	17.01	18.2	0.0	
50	1/2 BPSK	270	0	17.00	17.06	17.06			
50	QPSK	1	1	16.97	17.15	16.98		18.2	0.0
50	QPSK	1	135	16.98	17.10	16.98			
50	QPSK	1	268	16.97	17.03	16.98			
50	QPSK	135	0	17.07	17.05	16.99	18.2	0.0	
50	QPSK	135	68	17.03	17.10	17.02	18.2	0.0	
50	QPSK	135	135	16.96	17.03	16.96			
50	QPSK	270	0	17.02	17.09	17.01	18.2	0.0	
50	16QAM	1	1	17.03	17.14	17.04	18.2	0.0	
50	64QAM	1	1	17.03	17.07	17.03	18.2	0.0	
50	256QAM	1	1	16.99	17.14	17.05	18.2	0.0	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	16.83	17.04	16.88	18.2	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	16.86	17.01	16.91	18.2	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	16.90	17.00	16.94	18.2	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	16.91	17.01	16.90	18.2	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	16.85	17.00	16.83	18.2	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	16.81	17.02	16.87	18.2	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	16.91	17.09	16.90	18.2	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	16.82	16.97	16.85	18.2	0.0	

n66 Ant4 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	16.21	16.17	16.15		16.8	0.0
45	1/2 BPSK	1	120	16.22	16.22	16.11			
45	1/2 BPSK	1	240	16.20	16.26	16.11			
45	1/2 BPSK	120	0	16.16	16.22	16.15	16.8	0.0	
45	1/2 BPSK	120	60	16.14	16.21	16.18	16.8	0.0	
45	1/2 BPSK	120	120	16.16	16.26	16.14	16.8	0.0	
45	1/2 BPSK	240	0	16.24	16.26	16.10			
45	QPSK	1	1	16.22	16.28	16.21		16.8	0.0
45	QPSK	1	120	16.24	16.22	16.19			
45	QPSK	1	240	16.19	16.17	16.21			
45	QPSK	120	0	16.14	16.19	16.10	16.8	0.0	
45	QPSK	120	60	16.18	16.25	16.13	16.8	0.0	
45	QPSK	120	120	16.15	16.24	16.22			
45	QPSK	240	0	16.21	16.24	16.20	16.8	0.0	
45	16QAM	1	1	16.21	16.26	16.18	16.8	0.0	
45	64QAM	1	1	16.21	16.26	16.18	16.8	0.0	
45	256QAM	1	1	16.17	16.25	16.10	16.8	0.0	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	16.14	16.13	16.16	16.8	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	16.11	16.06	16.16	16.8	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	16.08	16.06	16.09	16.8	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	16.16	16.06	16.06	16.8	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	16.07	16.08	16.11	16.8	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	16.18	16.03	16.13	16.8	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	16.13	16.10	16.08	16.8	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	16.18	16.09	16.14	16.8	0.0	

n38 Ant4 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				518004	519000	519996	2599	2599.98	
40	1/2 BPSK	1	1	17.84	17.90	17.80			
40	1/2 BPSK	1	53	17.85	17.84	17.82	19.2	0.0	
40	1/2 BPSK	1	104	17.89	17.91	17.80			
40	1/2 BPSK	50	0	17.84	17.91	17.85	19.2	0.0	
40	1/2 BPSK	50	26	17.84	17.87	17.85	19.2	0.0	
40	1/2 BPSK	50	56	17.88	17.87	17.79	19.2	0.0	
40	1/2 BPSK	100	0	17.83	17.82	17.84			
40	QPSK	1	1	17.88	17.95	17.78			
40	QPSK	1	53	17.89	17.88	17.85	19.2	0.0	
40	QPSK	1	104	17.83	17.88	17.85			
40	QPSK	50	0	17.86	17.87	17.78	19.2	0.0	
40	QPSK	50	26	17.90	17.93	17.75	19.2	0.0	
40	QPSK	50	56	17.83	17.90	17.78	19.2	0.0	
40	QPSK	100	0	17.80	17.87	17.81			
40	16QAM	1	1	17.85	17.88	17.80	19.2	0.0	
40	64QAM	1	1	17.87	17.88	17.80	19.2	0.0	
40	256QAM	1	1	17.92	17.85	17.72	19.2	0.0	
Channel				517002	519000	520998	up	MPR	
Frequency (MHz)				2585.01	2599	2604.99	up	(dB)	
30	QPSK	1	1	17.75	17.77	17.71	19.2	0.0	
Channel				516504	519000	521496	up	MPR	
Frequency (MHz)				2582.52	2599	2607.48	up	(dB)	
25	QPSK	1	1	17.74	17.79	17.63	19.2	0.0	
Channel				515000	519000	522000	up	MPR	
Frequency (MHz)				2580	2599	2610	up	(dB)	
20	QPSK	1	1	17.83	17.83	17.72	19.2	0.0	
Channel				515502	519000	522498	up	MPR	
Frequency (MHz)				2577.51	2599	2612.49	up	(dB)	
15	QPSK	1	1	17.81	17.80	17.73	19.2	0.0	
Channel				515004	519000	522506	up	MPR	
Frequency (MHz)				2575.02	2599	2614.98	up	(dB)	
10	QPSK	1	1	17.80	17.78	17.70	19.2	0.0	

n41 Ant4 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				509002	518598	530000	2545.01	2592.99	2640
100	1/2 BPSK	1	1	16.69	16.81	16.74			
100	1/2 BPSK	1	137	16.69	16.69	16.78	18.2	0.0	
100	1/2 BPSK	1	271	16.64	16.80	16.71			
100	1/2 BPSK	135	0	16.61	16.77	16.67	18.2	0.0	
100	1/2 BPSK	135	69	16.60	16.81	16.86	18.2	0.0	
100	1/2 BPSK	135	138	16.72	16.77	16.74	18.2	0.0	
100	1/2 BPSK	270	0	16.60	16.73	16.78			
100	QPSK	1	1	16.71	16.85	16.72			
100	QPSK	1	137	16.66	16.73	16.68	18.2	0.0	
100	QPSK	1	271	16.69	16.74	16.68			
100	QPSK	135	0	16.65	16.76	16.75	18.2	0.0	
100	QPSK	135	69	16.69	16.81	16.74	18.2	0.0	
100	QPSK	135	138	16.68	16.70	16.78	18.2	0.0	
100	QPSK	270	0	16.65	16.78	16.87	18.2	0.0	
100	16QAM	1	1	16.70	16.79	16.73	18.2	0.0	
100	64QAM	1	1	16.61	16.73	16.68	18.2	0.0	
100	256QAM	1	1	16.70	16.74	16.73	18.2	0.0	
Channel				505000	518598	530098	up	MPR	
Frequency (MHz)				2541	2592.99	2644.99	up	(dB)	
90	QPSK	1	1	16.56	16.58	16.65	18.2	0.0	
Channel				507204	518598	529998	up	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	up	(dB)	
80	QPSK	1	1	16.65	16.61	16.61	18.2	0.0	
Channel				505002	518598	531000	up	MPR	
Frequency (MHz)				2531.01	2592.99	2655	up	(dB)	
70	QPSK	1	1	16.59	16.62	16.64	18.2	0.0	
Channel				505000	518598	531998	up	MPR	
Frequency (MHz)				2526	2592.99	2659.98	up	(dB)	
60	QPSK	1	1	16.56	16.57	16.68	18.2	0.0	
Channel				504204	518598	532098	up	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	up	(dB)	
50	QPSK	1	1	16.67	16.64	16.61	18.2	0.0	
Channel				503700	518598	533496	up	MPR	
Frequency (MHz)				2518.5	2592.99	2667.48	up	(dB)	
45	QPSK	1	1	16.55	16.58	16.57	18.2	0.0	
Channel				503002	518598	533000	up	MPR	
Frequency (MHz)				2516.01	2592.99	2670	up	(dB)	
40	QPSK	1	1	16.64	16.61	16.56	18.2	0.0	
Channel				502704	518598	534498	up	MPR	
Frequency (MHz)				2513.52	2592.99	2672.49	up	(dB)	
35	QPSK	1	1	16.64	16.65	16.65	18.2	0.0	
Channel				502000	518598	533098	up	MPR	
Frequency (MHz)				2511	2592.99	2674.98	up	(dB)	
30	QPSK	1	1	16.59	16.63	16.65	18.2	0.0	
Channel				501702	518598	535500	up	MPR	
Frequency (MHz)				2508.51	2592.99	2677.5	up	(dB)	
25	QPSK	1	1	16.55	16.59	16.60	18.2	0.0	
Channel				501204	518598	535998	up	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	up	(dB)	
20	QPSK	1	1	16.58	16.59	16.64	18.2	0.0	
Channel				500700	518598	536496	up	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	up	(dB)	
15	QPSK	1	1	16.65	16.59	16.65	18.2	0.0	
Channel				500202	518598	537000	up	MPR	
Frequency (MHz)				2501.01	2592.99	2685	up	(dB)	
10	QPSK	1	1	16.57	16.60	16.57	18.2	0.0	

n48 Ant4 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				638000	641666	645332	3570	3624.99	3679.98
40	1/2 BPSK	1	1	19.17	19.19	19.08			
40	1/2 BPSK	1	53	19.15	19.20	19.01	20.5	0.0	
40	1/2 BPSK	1	104	19.10	19.17	19.05			
40	1/2 BPSK	50	0	19.19	19.16	19.07	20.5	0.0	
40	1/2 BPSK	50	26	19.10	19.13	19.03	20.5	0.0	
40	1/2 BPSK	50	56	19.08	19.21	19.02	20.5	0.0	
40	1/2 BPSK	100	0	19.13	19.18	19.09			
40	QPSK	1	1	19.10	19.25	19.06			
40	QPSK	1	53	19.09	19.20	19.04	20.5	0.0	
40	QPSK	1	104	19.12	19.17	19.01			
40	QPSK	50	0	19.10	19.18	19.04	20.5	0.0	
40	QPSK	50	26	19.16	19.23	19.04	20.5	0.0	
40	QPSK	50	56	19.07	19.12	19.01	20.5	0.0	
40	QPSK	100	0	19.09	19.19	19.08			
40	16QAM	1	1	19.07	19.15	19.01	20.5	0.0	
40	64QAM	1	1	19.08	19.15	19.06	20.5	0.0	
40	256QAM	1	1	19.16	19.21	19.00	20.5	0.0	
Channel				631668	641666	645998	up	MPR	
Frequency (MHz)				3565.02	3624.99	3684.99	up	(dB)	
30	QPSK	1	1	18.99	19.16	18.97	20.5	0.0	
Channel				637334	641666	646000	up	MPR	
Frequency (MHz)				3560.01	3624.99	3690	up	(dB)	
20	QPSK	1	1	18.97	19.11	18.93	20.5	0.0	
Channel				637108	641666	647106	up	MPR	
Frequency (MHz)				3557.52	3624.99	3692.49	up	(dB)	
15	QPSK	1	1	18.97	19.13	18.96	20.5	0.0	
Channel				637000	641666	646332	up	MPR	
Frequency (MHz)				3555	3624.99	3694.98	up	(dB)	
10	QPSK	1	1	19.04	19.05	19.01	20.5	0.0	

Part270 n77 Ant4 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				650000	656000	662000	3750	3840	3930
100	1/2 BPSK	1	1	19.35	19.32	19.37			
100	1/2 BPSK	1	137	19.34	19.35	19.33	19.5	0.0	
100	1/2 BPSK	1	271	19.27	19.35	19.28			
100	1/2 BPSK	135	0	19.29	19.34	19.29	19.5	0.0	
100	1/2 BPSK	135	69	19.32	19.40	19.30	19.5	0.0	
100	1/2 BPSK	135	138	19.30	19.37	19.36	19.5	0.0	
100	1/2 BPSK	270	0	19.27	19.31	19.31			

Part270 n77 PC2 Ant4 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	22.87	22.81	22.86			
100	1/2 BPSK	1	137	22.85	22.90	22.82	23.0	0.0	
100	1/2 BPSK	1	271	22.80	22.89	22.76			
100	1/2 BPSK	135	0	22.84	22.84	22.76	23.0	0.0	
100	1/2 BPSK	135	69	22.87	22.85	22.77	23.0	0.0	
100	1/2 BPSK	135	138	22.79	22.88	22.85		23.0	0.0
100	1/2 BPSK	270	0	22.77	22.85	22.80	23.0		0.0
100	QPSK	1	1	22.75	22.95	22.87			
100	QPSK	1	137	22.81	22.92	22.79	23.0		0.0
100	QPSK	1	271	22.73	22.93	22.82			
100	QPSK	135	0	22.77	22.87	22.96	23.0	0.0	
100	QPSK	135	69	22.72	22.92	22.78	23.0	0.0	
100	QPSK	135	138	22.81	22.83	22.79		23.0	0.0
100	QPSK	270	0	22.72	22.91	22.83	23.0		0.0
100	16QAM	1	1	22.77	22.84	22.77	23.0		0.0
100	64QAM	1	1	22.79	22.82	22.75	23.0		0.0
100	256QAM	1	1	22.81	22.90	22.76	23.0		0.0
Channel				648668	650000	652334	MPR up (dB)		
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.70	22.90	22.75	23.0		0.0
Channel				649334	650000	652668	MPR up (dB)		
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	22.66	22.86	22.73	23.0		0.0
Channel				649200	650000	650500	MPR up (dB)		
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.61	22.84	22.75	23.0		0.0
Channel				648668	650000	653334	MPR up (dB)		
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	22.68	22.80	22.77	23.0		0.0
Channel				648334	650000	653668	MPR up (dB)		
Frequency (MHz)				3725.01	3840	3965.02			
50	QPSK	1	1	22.67	22.79	22.75	23.0		0.0
Channel				648000	650000	654000	MPR up (dB)		
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	22.70	22.83	22.76	23.0		0.0
Channel				647668	650000	654334	MPR up (dB)		
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	22.60	22.81	22.73	23.0		0.0
Channel				647500	650000	654500	MPR up (dB)		
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	22.65	22.81	22.76	23.0		0.0
Channel				647334	650000	654668	MPR up (dB)		
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.70	22.87	22.77	23.0		0.0
Channel				647168	650000	654834	MPR up (dB)		
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.70	22.84	22.72	23.0		0.0
Channel				647000	650000	655000	MPR up (dB)		
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.71	22.87	22.76	23.0		0.0

Part27Q n77 Ant4 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		19.05				
100	1/2 BPSK	1	137		19.03		19.5	0.0	
100	1/2 BPSK	1	271		19.04				
100	1/2 BPSK	135	0		18.98		19.5	0.0	
100	1/2 BPSK	135	69		18.95		19.5	0.0	
100	1/2 BPSK	135	138		19.06				
100	1/2 BPSK	270	0		19.03		19.5	0.0	
100	QPSK	1	1		19.07				
100	QPSK	1	137		19.05		19.5	0.0	
100	QPSK	1	271		18.99				
100	QPSK	135	0		19.00		19.5	0.0	
100	QPSK	135	69		19.01		19.5	0.0	
100	QPSK	135	138		18.97		19.5	0.0	
100	QPSK	270	0		19.00		19.5	0.0	
100	16QAM	1	1		19.05		19.5	0.0	
100	64QAM	1	1		18.94		19.5	0.0	
100	256QAM	1	1		19.05		19.5	0.0	
Channel				633000	633334	633668	MPR up (dB)		
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	18.98	18.89	18.91	19.5	0.0	
Channel				632668	633334	634000	MPR up (dB)		
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	18.94	18.89	18.95	19.5	0.0	
Channel				632334	633334	634334	MPR up (dB)		
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	18.89	18.98	18.97	19.5	0.0	
Channel				632000	633334	634668	MPR up (dB)		
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.99	18.96	18.94	19.5	0.0	
Channel				631668	633334	635000	MPR up (dB)		
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	18.92	18.91	18.96	19.5	0.0	
Channel				631334	633334	635334	MPR up (dB)		
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.96	18.90	18.97	19.5	0.0	
Channel				631000	633334	635668	MPR up (dB)		
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	18.96	18.91	18.95	19.5	0.0	
Channel				630834	633334	635834	MPR up (dB)		
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	18.94	18.96	18.92	19.5	0.0	
Channel				630668	633334	636000	MPR up (dB)		
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	18.93	18.96	18.91	19.5	0.0	
Channel				630500	633334	636168	MPR up (dB)		
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	18.91	18.97	18.90	19.5	0.0	
Channel				630334	633334	636334	MPR up (dB)		
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	18.97	18.91	18.95	19.5	0.0	

Part27Q n77 PC2 Ant4 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3300.01					
100	1/2 BPSK	1	1		22.49				
100	1/2 BPSK	1	137		22.57		23.0	0.0	
100	1/2 BPSK	1	271		22.55				
100	1/2 BPSK	135	0		22.52		23.0	0.0	
100	1/2 BPSK	135	69		22.46		23.0	0.0	
100	1/2 BPSK	135	138		22.61				
100	1/2 BPSK	270	0		22.58		23.0	0.0	
100	QPSK	1	1		22.62				
100	QPSK	1	137		22.51		23.0	0.0	
100	QPSK	1	271		22.51				
100	QPSK	135	0		22.55		23.0	0.0	
100	QPSK	135	69		22.56		23.0	0.0	
100	QPSK	135	138		22.51				
100	QPSK	270	0		22.47		23.0	0.0	
100	16QAM	1	1		22.51		23.0	0.0	
100	64QAM	1	1		22.41		23.0	0.0	
100	256QAM	1	1		22.59		23.0	0.0	
Channel				3300.01					
Frequency (MHz)				33490.00					
90	QPSK	1	1	62.666	3500.01	3668.00	up		(dB)
Channel				63334.00					
90	QPSK	1	1	62.256	3500.01	3540.00	up		(dB)
Frequency (MHz)				3490.02					
80	QPSK	1	1	22.57	22.49	22.51	23.0	0.0	
Channel				63334.00					
80	QPSK	1	1	32.315	3500.01	3433.00	up		(dB)
Frequency (MHz)				3485.01					
70	QPSK	1	1	22.56	22.47	22.55	23.0	0.0	
Channel				63000.00					
60	QPSK	1	1	34.900	3500.01	3502.00	up		(dB)
Frequency (MHz)				3490.02					
60	QPSK	1	1	22.54	22.54	22.50	23.0	0.0	
Channel				63116.00					
50	QPSK	1	1	34.762	3500.01	3500.00	up		(dB)
Frequency (MHz)				3476.02					
50	QPSK	1	1	22.54	22.49	22.57	23.0	0.0	
Channel				63134.00					
40	QPSK	1	1	34.730	3500.01	3530.01	up		(dB)
Frequency (MHz)				3470.01					
40	QPSK	1	1	22.55	22.49	22.52	23.0	0.0	
Channel				63109.00					
30	QPSK	1	1	34.665	3500.01	3535.00	up		(dB)
Frequency (MHz)				3465.00					
30	QPSK	1	1	22.48	22.51	22.52	23.0	0.0	
Channel				63083.00					
25	QPSK	1	1	34.651	3500.01	3537.51	up		(dB)
Frequency (MHz)				3462.51					
25	QPSK	1	1	22.53	22.50	22.58	23.0	0.0	
Channel				63068.00					
20	QPSK	1	1	34.602	3500.01	3540.00	up		(dB)
Frequency (MHz)				3456.02					
20	QPSK	1	1	22.52	22.50	22.46	23.0	0.0	
Channel				63060.00					
15	QPSK	1	1	34.573	3500.01	3542.22	up		(dB)
Frequency (MHz)				3453.22					
15	QPSK	1	1	22.58	22.50	22.49	23.0	0.0	
Channel				63034.00					
10	QPSK	1	1	34.551	3500.01	3545.01	up		(dB)
Frequency (MHz)				3455.01					
10	QPSK	1	1	22.49	22.55	22.49	23.0	0.0	

Part270 n78 PC2 Ant4 DSI5									
BW MHz	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1		22.87				
100	1/2 BPS	1	137		22.71		23.0	0.0	
100	1/2 BPS	1	271		22.79				
100	1/2 BPS	135	0		22.83		23.0	0.0	
100	1/2 BPS	135	69		22.75		23.0	0.0	
100	1/2 BPS	135	138		22.73				
100	1/2 BPS	270	0		22.80		23.0	0.0	
100	QPSK	1	1		22.95				
100	QPSK	1	137		22.82		23.0	0.0	
100	QPSK	1	271		22.77				
100	QPSK	135	0		22.78		23.0	0.0	
100	QPSK	135	69		22.91		23.0	0.0	
100	QPSK	135	138		22.88				
100	QPSK	270	0		22.70		23.0	0.0	
100	16QAM	1	1		22.81		23.0	0.0	
100	64QAM	1	1		22.85		23.0	0.0	
100	256QAM	1	1		22.84		23.0	0.0	
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1		22.83	22.89	22.91	23.0	0.0
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1		22.87	22.86	22.86	23.0	0.0
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1		22.81	22.89	22.80	23.0	0.0
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1		22.82	22.88	22.90	23.0	0.0
Channel				649334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1		22.84	22.88	22.91	23.0	0.0
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1		22.82	22.84	22.82	23.0	0.0
Channel				647668	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1		22.85	22.83	22.81	23.0	0.0
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1		22.83	22.84	22.81	23.0	0.0
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1		22.80	22.83	22.88	23.0	0.0
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1		22.86	22.88	22.91	23.0	0.0
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1		22.84	22.85	22.90	23.0	0.0

Part27Q n78 Ant4 DSI5									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		19.08				
100	1/2 BPS	1	137		19.05		19.5	0.0	
100	1/2 BPS	1	271		19.13				
100	1/2 BPS	135	0		19.11		19.5	0.0	
100	1/2 BPS	135	69		19.05		19.5	0.0	
100	1/2 BPS	135	138		19.08				
100	1/2 BPS	270	0		19.14		19.5	0.0	
100	QPSK	1	1		19.15				
100	QPSK	1	137		19.07		19.5	0.0	
100	QPSK	1	271		19.14				
100	QPSK	135	0		19.10		19.5	0.0	
100	QPSK	135	69		19.14		19.5	0.0	
100	QPSK	135	138		19.06				
100	QPSK	270	0		19.15		19.5	0.0	
100	16QAM	1	1		19.13		19.5	0.0	
100	64QAM	1	1		19.10		19.5	0.0	
100	256QAM	1	1		19.06		19.5	0.0	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1		19.03	18.96	19.03	19.5	0.0
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1		19.00	19.04	19.01	19.5	0.0
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1		19.02	18.96	18.94	19.5	0.0
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1		18.95	18.94	18.96	19.5	0.0
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1		18.95	18.97	18.93	19.5	0.0
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1		19.02	18.94	19.01	19.5	0.0
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1		18.94	19.02	18.96	19.5	0.0
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1		19.00	18.97	18.98	19.5	0.0
Channel				630668	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1		19.05	18.99	19.03	19.5	0.0
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1		18.96	19.05	18.96	19.5	0.0
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1		18.96	18.98	19.02	19.5	0.0

Part27Q n78 PC2 Ant4 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		22.53				
100	1/2 BPS	1	137		22.58		23.0	0.0	
100	1/2 BPS	1	271		22.57				
100	1/2 BPS	135	0		22.56		23.0	0.0	
100	1/2 BPS	135	69		22.57		23.0	0.0	
100	1/2 BPS	135	138		22.55				
100	1/2 BPS	270	0		22.59		23.0	0.0	
100	QPSK	1	1		22.70				
100	QPSK	1	137		22.54		23.0	0.0	
100	QPSK	1	271		22.69				
100	QPSK	135	0		22.63		23.0	0.0	
100	QPSK	135	69		22.66		23.0	0.0	
100	QPSK	135	138		22.54				
100	QPSK	270	0		22.66		23.0	0.0	
100	16QAM	1	1		22.63		23.0	0.0	
100	64QAM	1	1		22.57		23.0	0.0	
100	256QAM	1	1		22.59		23.0	0.0	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1		22.58	22.63	22.55	23.0	0.0
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1		22.66	22.54	22.63	23.0	0.0
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1		22.59	22.60	22.61	23.0	0.0
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1		22.66	22.66	22.56	23.0	0.0
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525.03	up	(dB)	
50	QPSK	1	1		22.57	22.56	22.56	23.0	0.0
Channel				631334	633334	633334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1		22.65	22.60	22.64	23.0	0.0
Channel				631000	633334	633668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1		22.55	22.64	22.64	23.0	0.0
Channel				630834	633334	633834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1		22.65	22.57	22.54	23.0	0.0
Channel				630668	633334	633668	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1		22.58	22.63	22.63	23.0	0.0
Channel				630500	633334	633668	up	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	up	(dB)	
15	QPSK	1	1		22.57	22.55	22.63	23.0	0.0
Channel				630334	633334	633334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1		22.57	22.57	22.56	23.0	0.0

n7 Ant6 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	20.71	20.71	20.66			
50	1/2 BPSK	1	135	20.79	20.72	20.76	21.0	0.0	
50	1/2 BPSK	1	268	20.73	20.70	20.75			
50	1/2 BPSK	135	0	20.70	20.80	20.70	21.0	0.0	
50	1/2 BPSK	135	68	20.71	20.71	20.74	21.0	0.0	
50	1/2 BPSK	135	135	20.75	20.78	20.70	21.0	0.0	
50	1/2 BPSK	270	0	20.72	20.70	20.71			
50	QPSK	1	1	20.70	20.81	20.66			
50	QPSK	1	135	20.76	20.73	20.75	21.0	0.0	
50	QPSK	1	268	20.69	20.74	20.67			
50	QPSK	135	0	20.71	20.70	20.68	21.0	0.0	
50	QPSK	135	68	20.76	20.78	20.67	21.0	0.0	
50	QPSK	135	135	20.71	20.72	20.69			
50	QPSK	270	0	20.72	20.77	20.76	21.0	0.0	
50	16QAM	1	1	20.70	20.72	20.77	21.0	0.0	
50	64QAM	1	1	20.79	20.73	20.68	21.0	0.0	
50	256QAM	1	1	20.69	20.74	20.71	21.0	0.0	
Channel				504000	507000	510000	tune-up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	20.64	20.64	20.58	21.0	0.0	
Channel				503500	507000	510500	tune-up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	20.58	20.57	20.61	21.0	0.0	
Channel				503000	507000	511000	tune-up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	20.61	20.58	20.50	21.0	0.0	
Channel				502500	507000	511500	tune-up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	20.62	20.65	20.51	21.0	0.0	
Channel				502000	507000	512000	tune-up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	20.64	20.59	20.55	21.0	0.0	
Channel				501500	507000	512500	tune-up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	20.57	20.55	20.57	21.0	0.0	
Channel				501000	507000	513000	tune-up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	20.58	20.65	20.62	21.0	0.0	
Channel				500500	507000	513500	tune-up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	20.64	20.56	20.60	21.0	0.0	

n66 Ant6 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	20.38	20.50	20.44			
45	1/2 BPSK	1	120	20.38	20.49	20.50	21.0	0.0	
45	1/2 BPSK	1	240	20.48	20.47	20.53			
45	1/2 BPSK	120	0	20.38	20.50	20.46	21.0	0.0	
45	1/2 BPSK	120	60	20.41	20.55	20.47	21.0	0.0	
45	1/2 BPSK	120	120	20.48	20.48	20.45	21.0	0.0	
45	1/2 BPSK	240	0	20.40	20.51	20.51			
45	QPSK	1	1	20.41	20.56	20.42			
45	QPSK	1	120	20.44	20.46	20.47	21.0	0.0	
45	QPSK	1	240	20.38	20.47	20.45			
45	QPSK	120	0	20.40	20.47	20.44	21.0	0.0	
45	QPSK	120	60	20.49	20.54	20.46	21.0	0.0	
45	QPSK	120	120	20.43	20.50	20.46			
45	QPSK	240	0	20.49	20.51	20.49	21.0	0.0	
45	16QAM	1	1	20.38	20.53	20.42	21.0	0.0	
45	64QAM	1	1	20.44	20.55	20.48	21.0	0.0	
45	256QAM	1	1	20.47	20.46	20.48	21.0	0.0	
Channel				346000	349000	352000	tune-up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	20.26	20.39	20.30	21.0	0.0	
Channel				345500	349000	352500	tune-up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	20.33	20.34	20.27	21.0	0.0	
Channel				345000	349000	353000	tune-up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	20.29	20.39	20.33	21.0	0.0	
Channel				344500	349000	353500	tune-up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	20.35	20.37	20.27	21.0	0.0	
Channel				344000	349000	354000	tune-up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	20.25	20.35	20.30	21.0	0.0	
Channel				343500	349000	354500	tune-up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	20.37	20.41	20.28	21.0	0.0	
Channel				343000	349000	355000	tune-up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.26	20.32	20.27	21.0	0.0	
Channel				342500	349000	355500	tune-up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	20.36	20.32	20.27	21.0	0.0	

n38 Ant6 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				518004	519000	519996			
Channel				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	20.62	20.59	20.61			
40	1/2 BPSK	1	53	20.61	20.58	20.59	21.0	0.0	
40	1/2 BPSK	1	104	20.61	20.64	20.56			
40	1/2 BPSK	50	0	20.56	20.63	20.53	21.0	0.0	
40	1/2 BPSK	50	26	20.57	20.65	20.53	21.0	0.0	
40	1/2 BPSK	50	56	20.63	20.56	20.52			
40	1/2 BPSK	100	0	20.58	20.66	20.54	21.0	0.0	
40	QPSK	1	1	20.59	20.67	20.61			
40	QPSK	1	53	20.63	20.55	20.55	21.0	0.0	
40	QPSK	1	104	20.61	20.57	20.57			
40	QPSK	50	0	20.56	20.56	20.57	21.0	0.0	
40	QPSK	50	26	20.60	20.66	20.56	21.0	0.0	
40	QPSK	50	56	20.63	20.60	20.55			
40	QPSK	100	0	20.52	20.57	20.53	21.0	0.0	
40	16QAM	1	1	20.61	20.56	20.61	21.0	0.0	
40	64QAM	1	1	20.59	20.64	20.61	21.0	0.0	
40	256QAM	1	1	20.54	20.57	20.51	21.0	0.0	
Channel				517002	516000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	20.49	20.48	20.46	21.0	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	20.46	20.47	20.54	21.0	0.0	
Channel				515000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	20.53	20.51	20.56	21.0	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	20.54	20.51	20.46	21.0	0.0	
Channel				515004	519000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	20.49	20.46	20.53	21.0	0.0	

n41 Ant6 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Frequency (MHz)				509002	516598	526000			
Channel				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	20.05	20.14	19.93			
100	1/2 BPSK	1	137	20.13	20.10	19.97	20.5	0.0	
100	1/2 BPSK	1	271	20.14	20.12	20.00			
100	1/2 BPSK	135	0	20.04	20.18	19.97	20.5	0.0	
100	1/2 BPSK	135	69	20.14	20.16	19.94	20.5	0.0	
100	1/2 BPSK	135	138	20.06	20.17	19.97			
100	1/2 BPSK	270	0	20.05	20.13	19.95	20.5	0.0	
100	QPSK	1	1	20.05	20.15	20.03			
100	QPSK	1	137	20.08	20.07	19.91	20.5	0.0	
100	QPSK	1	271	20.11	20.09	19.95			
100	QPSK	135	0	20.12	20.11	19.99	20.5	0.0	
100	QPSK	135	69	20.13	20.16	20.02	20.5	0.0	
100	QPSK	135	138	20.13	20.15	19.92			
100	QPSK	270	0	20.04	20.19	19.95	20.5	0.0	
100	16QAM	1	1	20.14	20.15	19.91	20.5	0.0	
100	64QAM	1	1	20.08	20.12	19.98	20.5	0.0	
100	256QAM	1	1	20.12	20.12	19.99	20.5	0.0	
Channel				505000	516598	526000			
Frequency (MHz)				2541	2592.99	2644.99			
90	QPSK	1	1	19.97	19.92	19.93	20.5	0.0	
Channel				507204	516598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	19.99	19.94	19.90	20.5	0.0	
Channel				505002	516598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.96	19.93	19.97	20.5	0.0	
Channel				505000	516598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.93	19.98	19.92	20.5	0.0	
Channel				504204	516598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	19.91	20.03	19.99	20.5	0.0	
Channel				503700	516598	533496			
Frequency (MHz)				2516.5	2592.99	2667.48			
45	QPSK	1	1	19.96	20.03	19.88	20.5	0.0	
Channel				503002	516598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.89	19.94	19.95	20.5	0.0	
Channel				502704	516598	534498			
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	19.92	19.95	19.94	20.5	0.0	
Channel				502200	516598	534998			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.90	19.98	19.94	20.5	0.0	
Channel				501702	516598	535500			
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	19.91	20.01	19.93	20.5	0.0	
Channel				501204	516598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	19.92	20.02	19.87	20.5	0.0	
Channel				500700	516598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	20.01	19.94	19.88	20.5	0.0	
Channel				500202	516598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	19.95	20.01	19.97	20.5	0.0	

n48 Ant6 DSI5									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3679.98			
40	1/2 BPSK	1	1	18.57	18.62	18.57			
40	1/2 BPSK	1	53	18.65	18.66	18.60	20.1	0.0	
40	1/2 BPSK	1	104	18.54	18.69	18.61			
40	1/2 BPSK	50	0	18.60	18.61	18.54	20.1	0.0	
40	1/2 BPSK	50	26	18.63	18.61	18.59	20.1	0.0	
40	1/2 BPSK	50	56	18.63	18.63	18.57			
40	1/2 BPSK	100	0	18.57	18.61	18.56	20.1	0.0	
40	QPSK	1	1	18.54	18.78	18.56			
40	QPSK	1	53	18.61	18.65	18.53	20.1		
40	QPSK	1	104	18.53	18.59	18.63			
40	QPSK	50	0	18.55	18.71	18.54	20.1	0.0	
40	QPSK	50	26	18.54	18.73	18.60	20.1	0.0	
40	QPSK	50	56	18.54	18.60	18.62			
40	QPSK	100	0	18.54	18.69	18.56	20.1		
40	16QAM	1	1	18.54	18.66	18.56	20.1		
40	64QAM	1	1	18.62	18.69	18.58	20.1		
40	256QAM	1	1	17.49	17.69	17.53	19.1	1.0	
Channel				631668	641666	645998			
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	18.47	18.55	18.47	20.1		
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	18.43	18.56	18.42	20.1		
Channel				631768	641666	645168			
Frequency (MHz)				3555.02	3624.99	3674.98			
15	QPSK	1	1	18.43	18.51	18.46	20.1		
Channel				635002	641666	645332			
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	18.47	18.55	18.40	20.1		

Part270 n77 PC2 Ant6 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	21.94	22.17	21.95			
100	1/2 BPSK	1	137	22.03	22.16	21.96	23.3	0.0	
100	1/2 BPSK	1	271	22.14	22.20	22.04			
100	1/2 BPSK	135	0	22.02	22.18	21.96	23.3	0.0	
100	1/2 BPSK	135	69	22.05	22.11	21.99	23.3	0.0	
100	1/2 BPSK	135	138	22.09	22.13	21.90	23.3	0.0	
100	1/2 BPSK	270	0	22.04	22.13	21.94			
100	QPSK	1	1	22.07	22.26	21.96			
100	QPSK	1	137	22.06	22.21	21.97	23.3	0.0	
100	QPSK	1	271	22.02	22.11	21.97			
100	QPSK	135	0	22.08	22.15	21.92	23.3	0.0	
100	QPSK	135	69	21.99	22.16	21.93	23.3	0.0	
100	QPSK	135	138	22.09	22.12	21.87			
100	QPSK	270	0	22.11	22.12	21.98	23.3	0.0	
100	16QAM	1	1	22.04	22.11	21.91	23.3	0.0	
100	64QAM	1	1	21.97	22.19	21.99	23.3	0.0	
100	256QAM	1	1	22.02	22.12	22.00	23.3	0.0	
Channel									
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	21.95	22.22	21.85	23.3	0.0	
Channel									
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	21.93	22.13	21.88	23.3	0.0	
Channel									
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.93	22.17	21.84	23.3	0.0	
Channel									
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	21.99	22.14	21.80	23.3	0.0	
Channel									
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.94	22.13	21.86	23.3	0.0	
Channel									
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	21.92	22.11	21.81	23.3	0.0	
Channel									
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	21.95	22.20	21.86	23.3	0.0	
Channel									
Frequency (MHz)				3710.01	3840	3970.02			
25	QPSK	1	1	21.91	22.14	21.81	23.3	0.0	
Channel									
Frequency (MHz)				3707.52	3840	3972.51			
20	QPSK	1	1	21.96	22.15	21.90	23.3	0.0	
Channel									
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	21.96	22.17	21.83	23.3	0.0	
Channel									
Frequency (MHz)				3707.52	3840	3972.51			
10	QPSK	1	1	21.95	22.16	21.82	23.3	0.0	

Part27Q n77 Ant6 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		18.69				
100	1/2 BPSK	1	137		18.68		20.3	0.0	
100	1/2 BPSK	1	271		18.60				
100	1/2 BPSK	135	0		18.60		20.3	0.0	
100	1/2 BPSK	135	69		18.59		20.3	0.0	
100	1/2 BPSK	135	138		18.63		20.3	0.0	
100	1/2 BPSK	270	0		18.64				
100	QPSK	1	1		18.71				
100	QPSK	1	137		18.67		20.3	0.0	
100	QPSK	1	271		18.67				
100	QPSK	135	0		18.63		20.3	0.0	
100	QPSK	135	69		18.65		20.3	0.0	
100	QPSK	135	138		18.60		20.3	0.0	
100	QPSK	270	0		18.61		20.3	0.0	
100	16QAM	1	1		18.63		20.3	0.0	
100	64QAM	1	1		18.67		20.3	0.0	
100	256QAM	1	1		18.70		20.3	0.0	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	18.49	18.56	18.56	20.3	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	18.64	18.63	18.56	20.3	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	18.53	18.56	18.52	20.3	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.55	18.60	18.58	20.3	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	18.56	18.61	18.58	20.3	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.51	18.59	18.60	20.3	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	18.52	18.51	18.58	20.3	0.0	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	18.52	18.54	18.57	20.3	0.0	
Channel				630500	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	18.51	18.53	18.50	20.3	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	18.51	18.58	18.60	20.3	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	18.60	18.50	18.59	20.3	0.0	

Part27Q n77 PC2 Ant6 DSI5									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01	633334	3505.02			
100	1/2 BPSK	1	1		21.71				
100	1/2 BPSK	1	137		21.70		23.3	0.0	
100	1/2 BPSK	1	271		21.60				
100	1/2 BPSK	135	0		21.59		23.3	0.0	
100	1/2 BPSK	135	69		21.65		23.3	0.0	
100	1/2 BPSK	135	138		21.67		23.3	0.0	
100	1/2 BPSK	270	0		21.67		23.3	0.0	
100	QPSK	1	1		21.73				
100	QPSK	1	137		21.64		23.3	0.0	
100	QPSK	1	271		21.69				
100	QPSK	135	0		21.63		23.3	0.0	
100	QPSK	135	69		21.66		23.3	0.0	
100	QPSK	135	138		21.59		23.3	0.0	
100	QPSK	270	0		21.65		23.3	0.0	
100	16QAM	1	1		21.64		23.3	0.0	
100	64QAM	1	1		21.69		23.3	0.0	
100	256QAM	1	1		21.65		23.3	0.0	
Channel									
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	21.65	21.62	21.57	23.3	0.0	
Channel									
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	21.61	21.62	21.62	23.3	0.0	
Channel									
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	21.54	21.53	21.54	23.3	0.0	
Channel									
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	21.54	21.57	21.64	23.3	0.0	
Channel									
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	21.64	21.63	21.62	23.3	0.0	
Channel									
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	21.62	21.56	21.58	23.3	0.0	
Channel									
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	21.60	21.64	21.58	23.3	0.0	
Channel									
Frequency (MHz)				3460.94	3500.01	3538.94			
25	QPSK	1	1	21.58	21.54	21.60	23.3	0.0	
Channel									
Frequency (MHz)				3456.92	3500.01	3540.92			
20	QPSK	1	1	21.63	21.63	21.53	23.3	0.0	
Channel									
Frequency (MHz)				3450.90	3500.01	3543.90			
15	QPSK	1	1	21.57	21.56	21.63	23.3	0.0	
Channel									
Frequency (MHz)				3445.91	3500.01	3545.91			
10	QPSK	1	1	21.63	21.57	21.54	23.3	0.0	

Part270 n78 PC2 Ant6 DSI5									
BW MHz	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1		21.64				
100	1/2 BPS	1	137		21.65		22.8	0.0	
100	1/2 BPS	1	271		21.68				
100	1/2 BPS	135	0		21.67		22.8	0.0	
100	1/2 BPS	135	69		21.69		22.8	0.0	
100	1/2 BPS	135	138		21.73				
100	1/2 BPS	270	0		21.71		22.8	0.0	
100	QPSK	1	1		21.75				
100	QPSK	1	137		21.66		22.8	0.0	
100	QPSK	1	271		21.67				
100	QPSK	135	0		21.69		22.8	0.0	
100	QPSK	135	69		21.71		22.8	0.0	
100	QPSK	135	138		21.66				
100	QPSK	270	0		21.62		22.8	0.0	
100	16QAM	1	1		21.65		22.8	0.0	
100	64QAM	1	1		21.62		22.8	0.0	
100	256QAM	1	1		21.66		22.8	0.0	
Channel				649668	650000	650334	MPR		
Frequency (MHz)				3745.02	3750	3755.01	up		
90	QPSK	1	1	21.59	21.58	21.57	22.8	0.0	
Channel				649334	650000	650668	MPR		
Frequency (MHz)				3740.01	3750	3760.02	up		
80	QPSK	1	1	21.52	21.51	21.57	22.8	0.0	
Channel				649000	650000	651000	MPR		
Frequency (MHz)				3735	3750	3765	up		
70	QPSK	1	1	21.52	21.55	21.52	22.8	0.0	
Channel				648668	650000	651334	MPR		
Frequency (MHz)				3730.02	3750	3770.01	up		
60	QPSK	1	1	21.57	21.52	21.57	22.8	0.0	
Channel				648334	650000	651668	MPR		
Frequency (MHz)				3725.01	3750	3775.02	up		
50	QPSK	1	1	21.58	21.54	21.57	22.8	0.0	
Channel				648000	650000	652000	MPR		
Frequency (MHz)				3720	3750	3780	up		
40	QPSK	1	1	21.53	21.57	21.58	22.8	0.0	
Channel				647668	650000	652334	MPR		
Frequency (MHz)				3715.02	3750	3785.01	up		
30	QPSK	1	1	21.56	21.61	21.57	22.8	0.0	
Channel				647500	650000	652500	MPR		
Frequency (MHz)				3712.5	3750	3787.5	up		
25	QPSK	1	1	21.55	21.56	21.53	22.8	0.0	
Channel				647334	650000	652668	MPR		
Frequency (MHz)				3710.01	3750	3790.02	up		
20	QPSK	1	1	21.59	21.58	21.55	22.8	0.0	
Channel				647168	650000	652834	MPR		
Frequency (MHz)				3707.52	3750	3792.51	up		
15	QPSK	1	1	21.57	21.56	21.58	22.8	0.0	
Channel				647000	650000	653000	MPR		
Frequency (MHz)				3705	3750	3795	up		
10	QPSK	1	1	21.58	21.60	21.53	22.8	0.0	

Part27Q n78 Ant6 DSI5									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		18.20				
100	1/2 BPS	1	137		18.17		19.8	0.0	
100	1/2 BPS	1	271		18.28				
100	1/2 BPS	135	0		18.26		19.8	0.0	
100	1/2 BPS	135	69		18.26		19.8	0.0	
100	1/2 BPS	135	138		18.23				
100	1/2 BPS	270	0		18.22		19.8	0.0	
100	QPSK	1	1		18.29				
100	QPSK	1	137		18.21		19.8	0.0	
100	QPSK	1	271		18.19				
100	QPSK	135	0		18.17		19.8	0.0	
100	QPSK	135	69		18.23		19.8	0.0	
100	QPSK	135	138		18.22				
100	QPSK	270	0		18.23		19.8	0.0	
100	16QAM	1	1		18.26		19.8	0.0	
100	64QAM	1	1		18.21		19.8	0.0	
100	256QAM	1	1		18.20		19.8	0.0	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	18.20	18.16	18.21	19.8	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	18.22	18.20	18.23	19.8	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	18.22	18.18	18.15	19.8	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	18.17	18.13	18.13	19.8	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	18.17	18.22	18.19	19.8	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	18.16	18.17	18.17	19.8	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3535.02	up		
30	QPSK	1	1	18.11	18.20	18.18	19.8	0.0	
Channel				630834	633334	635834	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	18.14	18.22	18.12	19.8	0.0	
Channel				630500	633334	636000	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	18.17	18.19	18.14	19.8	0.0	
Channel				630500	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	18.18	18.15	18.19	19.8	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3455.01	3500.01	3545.01	up		
10	QPSK	1	1	18.16	18.20	18.17	19.8	0.0	

Part27Q n78 PC2 Ant6 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	1/2 BPS	1	1		21.24				
100	1/2 BPS	1	137		21.12		22.8	0.0	
100	1/2 BPS	1	271		21.31				
100	1/2 BPS	135	0		21.22		22.8	0.0	
100	1/2 BPS	135	69		21.23		22.8	0.0	
100	1/2 BPS	135	138		21.25				
100	1/2 BPS	270	0		21.18		22.8	0.0	
100	QPSK	1	1		21.32				
100	QPSK	1	137		21.19		22.8	0.0	
100	QPSK	1	271		21.22				
100	QPSK	135	0		21.20		22.8	0.0	
100	QPSK	135	69		21.29		22.8	0.0	
100	QPSK	135	138		21.28				
100	QPSK	270	0		21.27		22.8	0.0	
100	16QAM	1	1		21.31		22.8	0.0	
100	64QAM	1	1		21.23		22.8	0.0	
100	256QAM	1	1		21.20		22.8	0.0	
Channel				633000	633334	633668	MPR		
Frequency (MHz)				3495	3500.01	3505.02	up		
90	QPSK	1	1	21.15	21.16	21.15	22.8	0.0	
Channel				632668	633334	634000	MPR		
Frequency (MHz)				3490.02	3500.01	3510	up		
80	QPSK	1	1	21.13	21.08	21.19	22.8	0.0	
Channel				632334	633334	634334	MPR		
Frequency (MHz)				3485.01	3500.01	3515.01	up		
70	QPSK	1	1	21.19	21.10	21.09	22.8	0.0	
Channel				632000	633334	634668	MPR		
Frequency (MHz)				3480	3500.01	3520.02	up		
60	QPSK	1	1	21.12	21.14	21.16	22.8	0.0	
Channel				631668	633334	635000	MPR		
Frequency (MHz)				3475.02	3500.01	3525	up		
50	QPSK	1	1	21.18	21.19	21.13	22.8	0.0	
Channel				631334	633334	635334	MPR		
Frequency (MHz)				3470.01	3500.01	3530.01	up		
40	QPSK	1	1	21.13	21.17	21.11	22.8	0.0	
Channel				631000	633334	635668	MPR		
Frequency (MHz)				3465	3500.01	3536.02	up		
30	QPSK	1	1	21.17	21.16	21.09	22.8	0.0	
Channel				630634	633334	635934	MPR		
Frequency (MHz)				3462.51	3500.01	3537.51	up		
25	QPSK	1	1	21.12	21.19	21.14	22.8	0.0	
Channel				630300	633334	636200	MPR		
Frequency (MHz)				3460.02	3500.01	3540	up		
20	QPSK	1	1	21.11	21.11	21.11	22.8	0.0	
Channel				630000	633334	636168	MPR		
Frequency (MHz)				3457.5	3500.01	3542.52	up		
15	QPSK	1	1	21.16	21.12	21.12	22.8	0.0	
Channel				630334	633334	636334	MPR		
Frequency (MHz)				3456.01	3500.01	3546.01	up		
10	QPSK	1	1	21.18	21.11	21.18	22.8	0.0	

n7 Ant7 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	1/2 BPSK	1	1	18.68	18.72	18.75			
50	1/2 BPSK	1	135	18.70	18.78	18.68	19.8	0.0	
50	1/2 BPSK	1	268	18.66	18.80	18.69			
50	1/2 BPSK	135	0	18.72	18.81	18.76	19.8	0.0	
50	1/2 BPSK	135	68	18.67	18.79	18.74	19.8	0.0	
50	1/2 BPSK	135	135	18.64	18.72	18.75			
50	1/2 BPSK	270	0	18.70	18.77	18.67			
50	QPSK	1	1	18.72	18.83	18.72			
50	QPSK	1	135	18.73	18.77	18.75	19.8	0.0	
50	QPSK	1	268	18.70	18.74	18.68			
50	QPSK	135	0	18.65	18.77	18.73	19.8	0.0	
50	QPSK	135	68	18.70	18.78	18.70	19.8	0.0	
50	QPSK	135	135	18.71	18.77	18.67			
50	QPSK	270	0	18.65	18.75	18.74	19.8	0.0	
50	16QAM	1	1	18.67	18.69	18.66	19.8	0.0	
50	64QAM	1	1	18.66	18.77	18.73	19.8	0.0	
50	256QAM	1	1	18.23	18.27	18.22	19.3	0.5	
Channel				504000	507000	510000	tune up limit	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	18.57	18.65	18.62	19.8	0.0	
Channel				503500	507000	510500	tune up limit	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	18.66	18.66	18.58	19.8	0.0	
Channel				503000	507000	511000	tune up limit	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	18.60	18.68	18.64	19.8	0.0	
Channel				502500	507000	511500	tune up limit	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	18.67	18.71	18.64	19.8	0.0	
Channel				502000	507000	512000	tune up limit	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	1/2 BPSK	1	1	18.59	18.73	18.60	19.8	0.0	
Channel				501500	507000	512500	tune up limit	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.67	18.72	18.67	19.8	0.0	
Channel				501000	507000	513000	tune up limit	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	18.64	18.65	18.67	19.8	0.0	
Channel				500500	507000	513500	tune up limit	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	18.58	18.71	18.57	19.8	0.0	

n66 Ant7 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346500	349000	351500			
Frequency (MHz)				1732.5	1745	1757.5			
45	1/2 BPSK	1	1	18.57	18.53	18.56			
45	1/2 BPSK	1	120	18.49	18.57	18.50	19.7	0.0	
45	1/2 BPSK	1	240	18.57	18.58	18.51			
45	1/2 BPSK	120	0	18.57	18.56	18.50	19.7	0.0	
45	1/2 BPSK	120	60	18.51	18.54	18.57	19.7	0.0	
45	1/2 BPSK	120	120	18.53	18.57	18.53	19.7	0.0	
45	1/2 BPSK	240	0	18.48	18.58	18.49			
45	QPSK	1	1	18.50	18.65	18.53			
45	QPSK	1	120	18.54	18.53	18.50	19.7	0.0	
45	QPSK	1	240	18.50	18.53	18.54			
45	QPSK	120	0	18.57	18.60	18.55	19.7	0.0	
45	QPSK	120	60	18.53	18.63	18.51	19.7	0.0	
45	QPSK	120	120	18.50	18.58	18.58			
45	QPSK	240	0	18.47	18.53	18.52	19.7	0.0	
45	16QAM	1	1	18.51	18.54	18.53	19.7	0.0	
45	64QAM	1	1	18.56	18.64	18.58	19.7	0.0	
45	256QAM	1	1	17.52	17.68	17.57	18.7	1.0	
Channel				346000	349000	352000	tune up limit	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	18.35	18.38	18.44	19.7	0.0	
Channel				345500	349000	352500	tune up limit	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	18.41	18.46	18.46	19.7	0.0	
Channel				345000	349000	353000	tune up limit	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	18.36	18.47	18.45	19.7	0.0	
Channel				344500	349000	353500	tune up limit	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	18.36	18.46	18.38	19.7	0.0	
Channel				344000	349000	354000	tune up limit	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	18.46	18.39	18.37	19.7	0.0	
Channel				343500	349000	354500	tune up limit	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	18.43	18.49	18.40	19.7	0.0	
Channel				343000	349000	355000	tune up limit	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	18.46	18.45	18.46	19.7	0.0	
Channel				342500	349000	355500	tune up limit	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	18.38	18.40	18.39	19.7	0.0	

n38 Ant7 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	1/2 BPSK	1	1	18.25	18.33	18.19			
40	1/2 BPSK	1	53	18.21	18.33	18.23	19.1	0.0	
40	1/2 BPSK	1	104	18.17	18.25	18.23			
40	1/2 BPSK	50	0	18.19	18.28	18.26	19.1	0.0	
40	1/2 BPSK	50	28	18.20	18.25	18.20	19.1	0.0	
40	1/2 BPSK	50	56	18.19	18.34	18.19	19.1	0.0	
40	1/2 BPSK	100	0	18.19	18.27	18.26			
40	QPSK	1	1	18.17	18.35	18.29			
40	QPSK	1	53	18.26	18.28	18.27	19.1	0.0	
40	QPSK	1	104	18.22	18.26	18.27			
40	QPSK	50	0	18.17	18.30	18.21	19.1	0.0	
40	QPSK	50	28	18.22	18.33	18.28	19.1	0.0	
40	QPSK	50	56	18.29	18.23	18.21			
40	QPSK	100	0	18.28	18.32	18.20	19.1	0.0	
40	16QAM	1	1	18.18	18.27	18.24	19.1	0.0	
40	64QAM	1	1	18.25	18.26	18.30	19.1	0.0	
40	256QAM	1	1	18.28	18.29	18.24	19.1	0.0	
Channel				517002	519000	520998	tune-up limit	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	18.04	18.17	18.18	19.1	0.0	
Channel				516504	519000	521496	tune-up limit	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	18.10	18.24	18.19	19.1	0.0	
Channel				516000	519000	522000	tune-up limit	MPR (dB)	
Frequency (MHz)				2569	2595	2610			
20	QPSK	1	1	18.04	18.28	18.15	19.1	0.0	
Channel				515502	519000	522498	tune-up limit	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	18.02	18.27	18.14	19.1	0.0	
Channel				515004	519000	522996	tune-up limit	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	18.02	18.23	18.24	19.1	0.0	

n41 Ant7 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	1/2 BPSK	1	1	19.22	19.32	19.22			
100	1/2 BPSK	1	137	19.17	19.32	19.22	20.2	0.0	
100	1/2 BPSK	1	271	19.13	19.35	19.17			
100	1/2 BPSK	135	0	19.17	19.24	19.25	20.2	0.0	
100	1/2 BPSK	135	69	19.20	19.33	19.22	20.2	0.0	
100	1/2 BPSK	135	138	19.19	19.34	19.19	20.2	0.0	
100	1/2 BPSK	270	0	19.16	19.29	19.17			
100	QPSK	1	1	19.22	19.36	19.16			
100	QPSK	1	137	19.18	19.27	19.22	20.2	0.0	
100	QPSK	1	271	19.13	19.32	19.15			
100	QPSK	135	0	19.16	19.32	19.19	20.2	0.0	
100	QPSK	135	69	19.15	19.33	19.25	20.2	0.0	
100	QPSK	135	138	19.16	19.24	19.26	20.2	0.0	
100	QPSK	270	0	19.17	19.28	19.27			
100	16QAM	1	1	19.23	19.28	19.18	20.2	0.0	
100	64QAM	1	1	19.17	19.30	19.28	20.2	0.0	
100	256QAM	1	1	18.27	18.35	18.21	19.2	1.0	
Channel				508200	518598	528996	tune-up limit	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	19.11	19.24	19.04	20.2	0.0	
Channel				507204	518598	529998	tune-up limit	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	19.10	19.23	19.11	20.2	0.0	
Channel				506202	518598	531000	tune-up limit	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.11	19.24	19.05	20.2	0.0	
Channel				505200	518598	531996	tune-up limit	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.08	19.19	19.08	20.2	0.0	
Channel				504204	518598	532998	tune-up limit	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	19.08	19.28	19.06	20.2	0.0	
Channel				503700	518598	533496	tune-up limit	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	19.17	19.19	19.06	20.2	0.0	
Channel				503202	518598	534000	tune-up limit	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.06	19.25	19.01	20.2	0.0	
Channel				502704	518598	534498	tune-up limit	MPR (dB)	
Frequency (MHz)				2513.52	2592.99	2672.49			
35	QPSK	1	1	19.18	19.26	19.05	20.2	0.0	
Channel				502200	518598	534996	tune-up limit	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.11	19.30	19.01	20.2	0.0	
Channel				501702	518598	535500	tune-up limit	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	19.06	19.19	19.09	20.2	0.0	
Channel				501204	518598	535998	tune-up limit	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	19.07	19.21	19.08	20.2	0.0	
Channel				500700	518598	536496	tune-up limit	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	19.18	19.27	19.03	20.2	0.0	
Channel				500202	518598	537000	tune-up limit	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	19.06	19.28	19.01	20.2	0.0	

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BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				65000	65000	65000		
Frequency (MHz)				3760	3840	3920		
100	1/2 BPS	1	1	20.42	20.68	20.53		
100	1/2 BPS	1	137	20.54	20.58	20.59	22.2	0.0
100	1/2 BPS	1	271	20.48	20.64	20.55		
100	1/2 BPS	135	0	20.39	20.63	20.51	22.2	0.0
100	1/2 BPS	135	69	20.50	20.67	20.56	22.2	0.0
100	1/2 BPS	135	138	20.41	20.58	20.55	22.2	0.0
100	1/2 BPS	270	0	20.48	20.58	20.58		
100	QPSK	1	1	20.37	20.69	20.52		
100	QPSK	1	137	20.47	20.59	20.57	22.2	0.0
100	QPSK	1	271	20.43	20.63	20.54		
100	QPSK	135	0	20.46	20.60	20.60	22.2	0.0
100	QPSK	135	69	20.52	20.67	20.57	22.2	0.0
100	QPSK	135	138	20.53	20.66	20.59		
100	QPSK	270	0	20.47	20.69	20.62	22.2	0.0
100	16QAM	1	1	20.49	20.63	20.54	22.2	0.0
100	64QAM	1	1	20.51	20.63	20.56	22.2	0.0
100	256QAM	1	1	19.48	19.51	19.54	21.2	1.0
Channel				649668	650000	652334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.26	20.55	20.38	22.2	0.0
Channel				649334	650000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.25	20.56	20.38	22.2	0.0
Channel				649000	650000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.21	20.54	20.47	22.2	0.0
Channel				648668	650000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.21	20.48	20.41	22.2	0.0
Channel				648334	650000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.28	20.54	20.43	22.2	0.0
Channel				648000	650000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.24	20.49	20.37	22.2	0.0
Channel				647668	650000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.27	20.49	20.47	22.2	0.0
Channel				647500	650000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.31	20.47	20.46	22.2	0.0
Channel				647334	650000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.28	20.54	20.39	22.2	0.0
Channel				647168	650000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.26	20.48	20.43	22.2	0.0
Channel				647000	650000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.22	20.54	20.43	22.2	0.0

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BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				65000	65000	65000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPS	1	1	23.39	23.70	23.58		
100	1/2 BPS	1	137	23.52	23.56	23.61	25.2	0.0
100	1/2 BPS	1	271	23.53	23.64	23.54		
100	1/2 BPS	135	0	23.39	23.60	23.49	25.2	0.0
100	1/2 BPS	135	69	23.51	23.62	23.64	25.2	0.0
100	1/2 BPS	135	138	23.45	23.64	23.61	25.2	0.0
100	1/2 BPS	270	0	23.45	23.59	23.52		
100	QPSK	1	1	23.40	23.75	23.50		
100	QPSK	1	137	23.50	23.59	23.52	25.2	0.0
100	QPSK	1	271	23.38	23.65	23.56		
100	QPSK	135	0	23.49	23.64	23.57	25.2	0.0
100	QPSK	135	69	23.55	23.72	23.61	25.2	0.0
100	QPSK	135	138	23.58	23.61	23.64		
100	QPSK	270	0	23.44	23.66	23.65	25.2	0.0
100	16QAM	1	1	23.51	23.61	23.56	25.2	0.0
100	64QAM	1	1	23.25	23.46	23.36	25.0	0.2
100	256QAM	1	1	21.26	21.50	21.28	23.0	2.2
Channel				646668	650000	662334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.36	23.61	23.45	25.2	0.0
Channel				646334	650000	662668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.28	23.67	23.35	25.2	0.0
Channel				646000	650000	663000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.32	23.57	23.42	25.2	0.0
Channel				646668	650000	663334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.26	23.56	23.35	25.2	0.0
Channel				646334	650000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.33	23.60	23.45	25.2	0.0
Channel				646000	650000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.25	23.54	23.43	25.2	0.0
Channel				645668	650000	664334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.33	23.62	23.43	25.2	0.0
Channel				647500	650000	664500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.33	23.63	23.41	25.2	0.0
Channel				647334	650000	664668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.30	23.59	23.45	25.2	0.0
Channel				647168	650000	664834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.25	23.62	23.44	25.2	0.0
Channel				647000	650000	665000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.26	23.53	23.37	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		20.44			
100	1/2 BPSK	1	137		20.40		22.2	0.0
100	1/2 BPSK	1	271		20.46			
100	1/2 BPSK	135	0		20.41		22.2	0.0
100	1/2 BPSK	135	69		20.38		22.2	0.0
100	1/2 BPSK	135	138		20.41		22.2	0.0
100	1/2 BPSK	270	0		20.50			
100	QPSK	1	1		20.53			
100	QPSK	1	137		20.40		22.2	0.0
100	QPSK	1	271		20.43			
100	QPSK	135	0		20.47		22.2	0.0
100	QPSK	135	69		20.41		22.2	0.0
100	QPSK	135	138		20.43		22.2	0.0
100	QPSK	270	0		20.46		22.2	0.0
100	16QAM	1	1		20.47		22.2	0.0
100	64QAM	1	1		20.42		22.2	0.0
100	256QAM	1	1		19.38		21.2	1.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.37	20.34	20.33	22.2	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.39	20.29	20.34	22.2	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.30	20.32	20.31	22.2	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.40	20.34	20.32	22.2	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.35	20.37	20.30	22.2	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.36	20.39	20.34	22.2	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.37	20.37	20.39	22.2	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.35	20.38	20.30	22.2	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.32	20.30	20.38	22.2	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.51	3500.01	3542.52		
15	QPSK	1	1	20.32	20.32	20.32	22.2	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.30	20.38	20.36	22.2	0.0

Part270 n78 Ant10 DSI5									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				650000					
100	1/2 BPSK	1	1		21.68				
100	1/2 BPSK	1	137		21.57		22.4	0.0	
100	1/2 BPSK	1	271		21.66				
100	1/2 BPSK	135	0		21.64		22.4	0.0	
100	1/2 BPSK	135	69		21.66		22.4	0.0	
100	1/2 BPSK	135	138		21.57		22.4	0.0	
100	1/2 BPSK	270	0		21.61				
100	QPSK	1	1		21.71				
100	QPSK	1	137		21.66		22.4	0.0	
100	QPSK	1	271		21.69				
100	QPSK	135	0		21.65		22.4	0.0	
100	QPSK	135	69		21.66		22.4	0.0	
100	QPSK	135	138		21.64		22.4	0.0	
100	QPSK	270	0		21.63				
100	16QAM	1	1		21.63		22.4	0.0	
100	64QAM	1	1		21.67		22.4	0.0	
100	256QAM	1	1		19.61		20.4	2.0	
Channel									
Frequency (MHz)				649668	650000	650334	up	MPR	
				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	21.61	21.56	21.54	22.4	0.0	
Channel									
Frequency (MHz)				649334	650000	650668	up	MPR	
				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	21.52	21.54	21.55	22.4	0.0	
Channel									
Frequency (MHz)				649000	650000	651000	up	MPR	
				3735	3750	3765	up	(dB)	
70	QPSK	1	1	21.61	21.60	21.61	22.4	0.0	
Channel									
Frequency (MHz)				648668	650000	651334	up	MPR	
				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	21.58	21.59	21.61	22.4	0.0	
Channel									
Frequency (MHz)				648334	650000	651668	up	MPR	
				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	21.61	21.63	21.53	22.4	0.0	
Channel									
Frequency (MHz)				648000	650000	652000	up	MPR	
				3720	3750	3780	up	(dB)	
40	QPSK	1	1	21.53	21.58	21.54	22.4	0.0	
Channel									
Frequency (MHz)				647668	650000	652334	up	MPR	
				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	21.52	21.55	21.55	22.4	0.0	
Channel									
Frequency (MHz)				647500	650000	652500	up	MPR	
				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	21.54	21.57	21.61	22.4	0.0	
Channel									
Frequency (MHz)				647334	650000	652668	up	MPR	
				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	21.55	21.62	21.53	22.4	0.0	
Channel									
Frequency (MHz)				647168	650000	652834	up	MPR	
				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	21.63	21.60	21.56	22.4	0.0	
Channel									
Frequency (MHz)				647000	650000	653000	up	MPR	
				3705	3750	3795	up	(dB)	
10	QPSK	1	1	21.60	21.57	21.61	22.4	0.0	

Part270 n78 PC2 Ant10 DSI5									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)		
Channel									
Frequency (MHz)				650000					
100	1/2 BPSK	1	1		24.73				
100	1/2 BPSK	1	137		24.58	25.4	0.0		
100	1/2 BPSK	1	271		24.69				
100	1/2 BPSK	135	0		24.69	25.4	0.0		
100	1/2 BPSK	135	69		24.71	25.4	0.0		
100	1/2 BPSK	135	138		24.54				
100	1/2 BPSK	270	0		24.57	25.4	0.0		
100	QPSK	1	1		24.75				
100	QPSK	1	137		24.61	25.4	0.0		
100	QPSK	1	271		24.76				
100	QPSK	135	0		24.69	25.4	0.0		
100	QPSK	135	69		24.65	25.4	0.0		
100	QPSK	135	138		24.64				
100	QPSK	270	0		24.63	25.4	0.0		
100	16QAM	1	1		24.62	25.4	0.0		
100	64QAM	1	1		23.51	24.3	1.1		
100	256QAM	1	1		21.50	22.3	3.1		
Channel				648668	650000	650334	up	MPR	
Frequency (MHz)				3745.02	3750	3755.01	up	(dB)	
90	QPSK	1	1	24.50	24.48	24.56	25.4	0.0	
Channel				649334	650000	650668	up	MPR	
Frequency (MHz)				3740.01	3750	3760.02	up	(dB)	
80	QPSK	1	1	24.55	24.51	24.57	25.4	0.0	
Channel				649000	650000	651000	up	MPR	
Frequency (MHz)				3735	3750	3765	up	(dB)	
70	QPSK	1	1	24.50	24.47	24.58	25.4	0.0	
Channel				648668	650000	651334	up	MPR	
Frequency (MHz)				3730.02	3750	3770.01	up	(dB)	
60	QPSK	1	1	24.52	24.56	24.52	25.4	0.0	
Channel				648334	650000	651668	up	MPR	
Frequency (MHz)				3725.01	3750	3775.02	up	(dB)	
50	QPSK	1	1	24.48	24.50	24.57	25.4	0.0	
Channel				648000	650000	652000	up	MPR	
Frequency (MHz)				3720	3750	3780	up	(dB)	
40	QPSK	1	1	24.51	24.50	24.57	25.4	0.0	
Channel				647650	650000	652334	up	MPR	
Frequency (MHz)				3715.02	3750	3785.01	up	(dB)	
30	QPSK	1	1	24.54	24.52	24.48	25.4	0.0	
Channel				647500	650000	652500	up	MPR	
Frequency (MHz)				3712.5	3750	3787.5	up	(dB)	
25	QPSK	1	1	24.54	24.49	24.54	25.4	0.0	
Channel				647334	650000	652668	up	MPR	
Frequency (MHz)				3710.01	3750	3790.02	up	(dB)	
20	QPSK	1	1	24.57	24.54	24.51	25.4	0.0	
Channel				647168	650000	652834	up	MPR	
Frequency (MHz)				3707.52	3750	3792.51	up	(dB)	
15	QPSK	1	1	24.57	24.48	24.56	25.4	0.0	
Channel				647000	650000	653000	up	MPR	
Frequency (MHz)				3705	3750	3795	up	(dB)	
10	QPSK	1	1	24.59	24.49	24.49	25.4	0.0	

Part27Q n78 Ant10 DSI5									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	1/2 BPSK	1	1		21.27				
100	1/2 BPSK	1	137		21.26		22.4	0.0	
100	1/2 BPSK	1	271		21.20				
100	1/2 BPSK	135	0		21.26		22.4	0.0	
100	1/2 BPSK	135	69		21.21		22.4	0.0	
100	1/2 BPSK	135	138		21.27		22.4	0.0	
100	1/2 BPSK	270	0		21.24				
100	QPSK	1	1		21.31				
100	QPSK	1	137		21.19		22.4	0.0	
100	QPSK	1	271		21.20				
100	QPSK	135	0		21.23		22.4	0.0	
100	QPSK	135	69		21.28		22.4	0.0	
100	QPSK	135	138		21.20		22.4	0.0	
100	QPSK	270	0		21.20				
100	16QAM	1	1		21.21		22.4	0.0	
100	64QAM	1	1		21.21		22.4	0.0	
100	256QAM	1	1		19.21		20.4	2.0	
Channel				633000	633334	633668	up	MPR	
Frequency (MHz)				3495	3500.01	3505.02	up	(dB)	
90	QPSK	1	1	21.10	21.15	21.16	22.4	0.0	
Channel				632668	633334	634000	up	MPR	
Frequency (MHz)				3490.02	3500.01	3510	up	(dB)	
80	QPSK	1	1	21.08	21.15	21.17	22.4	0.0	
Channel				632334	633334	634334	up	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	up	(dB)	
70	QPSK	1	1	21.06	21.06	21.09	22.4	0.0	
Channel				632000	633334	634668	up	MPR	
Frequency (MHz)				3480	3500.01	3520.02	up	(dB)	
60	QPSK	1	1	21.08	21.13	21.10	22.4	0.0	
Channel				631668	633334	635000	up	MPR	
Frequency (MHz)				3475.02	3500.01	3525	up	(dB)	
50	QPSK	1	1	21.16	21.11	21.15	22.4	0.0	
Channel				631334	633334	635334	up	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	up	(dB)	
40	QPSK	1	1	21.08	21.07	21.10	22.4	0.0	
Channel				631000	633334	635668	up	MPR	
Frequency (MHz)				3465	3500.01	3535.02	up	(dB)	
30	QPSK	1	1	21.14	21.16	21.10	22.4	0.0	
Channel				630834	633334	635834	up	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	up	(dB)	
25	QPSK	1	1	21.08	21.06	21.17	22.4	0.0	
Channel				630668	633334	636000	up	MPR	
Frequency (MHz)				3460.02	3500.01	3540	up	(dB)	
20	QPSK	1	1	21.15	21.13	21.06	22.4	0.0	
Channel				630500	633334	636168	up	MPR	
Frequency (MHz)				3457.51	3500.01	3542.52	up	(dB)	
15	QPSK	1	1	21.13	21.12	21.13	22.4	0.0	
Channel				630334	633334	636334	up	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	up	(dB)	
10	QPSK	1	1	21.10	21.11	21.07	22.4	0.0	

2.4GHz WLAN				Ant 15 Full power Body-worn Standalone Hotspot Standalone Extremity Standalone		Ant 7 Full power Body-worn Standalone Hotspot Standalone Extremity Standalone		Ant15+7 Full power Body-worn Standalone Hotspot Standalone Extremity Standalone		Ant 15 Head Standalone		Ant 7 Head Standalone		Ant 15+7 Head Standalone		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.39	20.00	19.66	20.00	22.54	23.00	17.98	18.50	18.25	18.50	21.12	21.50	97.04
		6	2437	19.42	20.00	19.48	20.00	22.46	23.00	18.00	18.50	18.06	18.50	21.06	21.50	
		11	2462	19.35	20.00	19.46	20.00	22.42	23.00	17.94	18.50	17.95	18.50	20.94	21.50	
	802.11g 6Mbps	1	2412	19.39	20.00	19.25	20.00	22.33	23.00	Not Required	18.50	Not Required	18.50	Not Required	21.50	99.40
		6	2437	19.34	20.00	19.09	20.00	22.23	23.00		18.50		18.50		21.50	
		11	2462	19.20	20.00	19.05	20.00	22.14	23.00		18.50		18.50		21.50	
	802.11n-HT20 MCS0	1	2412	17.71	18.50	17.72	18.50	20.73	21.50		18.50		18.50		21.50	100
		6	2437	17.79	18.50	17.59	18.50	20.70	21.50		18.50		18.50		21.50	
		11	2462	17.83	18.50	17.55	18.50	20.70	21.50		18.50		18.50		21.50	
	802.11n-HT40 MCS0	3	2422	17.08	18.00	17.25	18.00	20.18	21.00		18.00		18.00		21.00	100
		6	2437	17.05	18.00	16.97	17.50	20.02	21.00		18.00		17.50		21.00	
		9	2452	16.99	17.50	17.07	18.00	20.04	21.00		17.50		18.00		21.00	
	802.11ax-HE20 MCS0	1	2412	18.29	19.00	18.18	19.00	21.25	22.00		18.50		18.50		21.50	100
		6	2437	18.21	19.00	18.11	19.00	21.17	22.00		18.50		18.50		21.50	
		11	2462	18.05	19.00	18.09	19.00	21.08	22.00		18.50		18.50		21.50	
	802.11ax-HE40 MCS0	3	2422	17.13	18.00	17.33	18.00	20.24	21.00		18.00		18.00		21.00	100
		6	2437	17.11	18.00	17.01	18.00	20.07	21.00		18.00		18.00		21.00	
		9	2452	17.05	18.00	17.15	18.00	20.11	21.00		18.00		18.00		21.00	
	802.11be-ETH20 MCS0	1	2412	18.34	19.00	18.26	19.00	21.31	22.00		18.50		18.50		21.50	100
		6	2437	18.27	19.00	18.19	19.00	21.24	22.00		18.50		18.50		21.50	
		11	2462	18.14	19.00	18.16	19.00	21.16	22.00		18.50		18.50		21.50	
	802.11be-ETH40 MCS0	3	2422	17.19	18.00	17.39	18.00	20.30	21.00		18.00		18.00		21.00	100
		6	2437	17.17	18.00	17.07	18.00	20.13	21.00		18.00		18.00		21.00	
		9	2452	17.13	18.00	17.22	18.00	20.19	21.00		18.00		18.00		21.00	

5.2GHz WLAN				Ant 17 Full power Body-worn Standalone Hotspot Standalone Extremity Standalone		Ant 16 Full power Body-worn Standalone Hotspot Standalone Extremity Standalone		Ant 17+16 Full power Body-worn Standalone Hotspot Standalone Extremity Standalone		Ant 17 Head Standalone		Ant 16 Head Standalone		Ant 17+16 Head Standalone		
	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
5.2GHz WLAN	802.11a 6Mbps	36	5180	19.44	19.50	18.51	19.50	22.01	22.50	Not Required	16.00	16.00	Not Required	16.00	99.32	
		40	5200	19.30	19.50	18.63	19.50	21.99	22.50		16.00	16.00		19.00		
		44	5220	19.65	20.00	18.97	19.00	22.34	22.50		16.00	16.00		19.00		
	48	5240	19.09	19.50	18.52	19.50	21.83	22.50	16.00		16.00	19.00				
	802.11n-HT20 MCS0	36	5180	19.30	20.00	18.24	19.00	21.81	22.50		16.00	16.00		19.00	100	
		40	5200	19.07	20.00	18.30	19.00	21.71	22.50		16.00	16.00		19.00		
		44	5220	18.93	19.50	18.17	19.00	21.58	22.50		16.00	16.00		19.00		
	48	5240	18.93	19.50	18.20	19.00	21.59	22.50	Not Required		16.00	Not Required		16.00	Not Required	19.00
	802.11n-HT40 MCS0	38	5190	18.13	19.00	17.22	18.00	20.71			21.50	16.00		16.00	19.00	100
		46	5230	17.83	18.50	17.13	18.00	20.50			21.00	16.00		16.00	19.00	
	802.11ac-VHT20 MCS0	36	5180	19.39	20.00	18.28	19.00	21.88	22.50		16.00	16.00		19.00	100	
		40	5200	19.13	20.00	18.36	19.00	21.77	22.50		16.00	16.00		19.00		
		44	5220	19.02	20.00	18.26	19.00	21.67	22.50		16.00	16.00		19.00		
	802.11ac-VHT40 MCS0	48	5240	19.02	20.00	18.27	19.00	21.67	22.50		16.00	16.00		19.00	100	
		38	5190	18.21	19.00	17.27	18.00	20.78	21.50		16.00	16.00		19.00		
		46	5230	17.89	18.50	17.16	18.00	20.55	21.50		16.00	16.00		19.00		
	802.11ac-VHT80 MCS0	42	5210	16.67	17.50	16.12	17.00	19.41	20.00	15.50	16.00	15.21	16.00	18.48	19.00	100
	802.11ax-HE20 MCS0	36	5180	19.45	20.00	18.33	19.00	21.94	22.50	Not Required	16.00	16.00	Not Required	16.00	100	
		40	5200	19.20	20.00	18.41	19.00	21.83	22.50		16.00	16.00		19.00		
		44	5220	19.07	20.00	18.33	19.00	21.73	22.50		16.00	16.00		19.00		
	48	5240	19.05	20.00	18.33	19.00	21.72	22.50	16.00		16.00	19.00				
	802.11ax-HE40 MCS0	38	5190	18.24	19.00	17.30	18.00	20.81	21.50		16.00	16.00		19.00	100	
		46	5230	17.97	18.50	17.22	18.00	20.62	21.50		16.00	16.00		19.00		
	802.11ax-HE80 MCS0	42	5210	16.72	17.50	16.19	17.00	19.47	20.00		16.00	16.00		19.00	100	
		36	5180	19.52	20.00	18.38	19.00	22.00	22.50		16.00	16.00		19.00		
	802.11be-EHT20 MCS0	40	5200	19.25	20.00	18.47	19.00	21.89	22.50		16.00	16.00		19.00	100	
		44	5220	19.12	20.00	18.37	19.00	21.77	22.50		16.00	16.00		19.00		
		48	5240	19.11	20.00	18.38	19.00	21.77	22.50		16.00	16.00		19.00		
	802.11be-EHT40 MCS0	38	5190	18.27	19.00	17.33	18.00	20.84	21.50		16.00	16.00		19.00	100	
		46	5230	18.04	19.00	17.29	18.00	20.69	21.50		16.00	16.00		19.00		
	802.11be-EHT80 MCS0	42	5210	16.79	17.50	16.23	17.00	19.53	20.50		16.00	16.00		19.00	100	

5.3GHz WLAN				Ant 17 Full power Body-worn Standalone Extremity Standalone			Ant 16 Full power Body-worn Standalone Extremity Standalone			Ant 17+16 Full power Body-worn Standalone Extremity Standalone			Ant 17 Head Standalone		Ant 16 Head Standalone		Ant 17+16 Head Standalone		
	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	
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.72	19.50	18.66	19.50	21.70	22.50	Not Required	Not Required	Not Required	16.00	16.00	19.00	99.32			
		56	5280	18.77	19.50	18.71	19.50	21.75	22.50				16.00	16.00	19.00				
		60	5300	18.85	19.50	18.83	19.50	21.85	22.50				16.00	16.00	19.00				
		64	5320	18.91	19.50	18.79	19.50	21.86	22.50				16.00	16.00	19.00				
	802.11n-HT20 MCS0	52	5260	18.15	19.00	17.95	18.50	21.06	22.00				16.00	16.00	19.00	100			
		56	5280	18.25	19.00	17.94	18.50	21.11	22.00				16.00	16.00	19.00				
		60	5300	18.24	19.00	18.05	19.00	21.16	22.00				16.00	16.00	19.00				
		64	5320	18.42	19.00	18.01	19.00	21.23	22.00				16.00	16.00	19.00				
	802.11n-HT40 MCS0	54	5270	17.05	18.00	16.99	17.50	20.03	21.00				100						
		62	5310	17.21	18.00	17.10	18.00	20.17	21.00					16.00	16.00	19.00			
		52	5260	18.21	19.00	18.04	19.00	21.14	22.00					16.00	16.00	19.00			
		56	5280	18.30	19.00	17.99	18.50	21.16	22.00					16.00	16.00	19.00			
	802.11ac-VHT20 MCS0	60	5300	18.33	19.00	18.13	19.00	21.24	22.00				100						
		64	5320	18.46	19.00	18.08	19.00	21.28	22.00					16.00	16.00	19.00			
		54	5270	17.08	18.00	17.02	18.00	20.06	21.00					16.00	16.00	19.00			
		62	5310	17.25	18.00	17.13	18.00	20.20	21.00					16.00	16.00	19.00			
	802.11ac-VHT80 MCS0	58	5290	16.08	17.00	16.05	17.00	19.08	20.00				15.23	16.00	15.20	16.00	18.15	19.00	100
	802.11ac-VHT160 MCS0	50	5250	14.67	15.50	14.52	15.50	17.61	18.50				15.50	15.50	16.00	18.50	100		
	802.11ax-HE20 MCS0	52	5260	18.27	19.00	18.07	19.00	21.18	22.00				100						
		56	5280	18.35	19.00	18.03	19.00	21.20	22.00					16.00	16.00	19.00			
		60	5300	18.39	19.00	18.17	19.00	21.29	22.00					16.00	16.00	19.00			
		64	5320	18.52	19.50	18.14	19.00	21.34	22.00					16.00	16.00	19.00			
	802.11ax-HE40 MCS0	54	5270	17.15	18.00	17.10	18.00	20.14	21.00				100						
		62	5310	17.33	18.00	17.21	18.00	20.28	21.00					16.00	16.00	19.00			
802.11ax-HE80 MCS0	58	5290	16.13	17.00	16.08	17.00	19.12	20.00	16.00	16.00	19.00	100							
802.11ax-HE160 MCS0	50	5250	14.71	15.50	14.55	15.50	17.64	18.50	15.50	15.50	16.00	18.50	100						
802.11be-EHT20 MCS0	52	5260	18.32	19.00	18.13	19.00	21.24	22.00	100										
	56	5280	18.41	19.00	18.06	19.00	21.25	22.00		16.00	16.00	19.00							
	60	5300	18.44	19.00	18.21	19.00	21.34	22.00		16.00	16.00	19.00							
	64	5320	18.58	19.50	18.21	19.00	21.41	22.00		16.00	16.00	19.00							
802.11be-EHT40 MCS0	54	5270	17.21	18.00	17.13	18.00	20.18	21.00	100										
	62	5310	17.39	18.00	17.25	18.00	20.33	21.00		16.00	16.00	19.00							
802.11be-EHT80 MCS0	58	5290	16.16	17.00	16.13	17.00	19.16	20.00	16.00	16.00	19.00	100							
802.11be-EHT160 MCS0	50	5250	14.74	15.50	14.59	15.50	17.68	18.50	15.50	15.50	16.00	18.50	100						

5.5GHz WLAN				Ant 17 Full power Body-worn Standalone Extremity Standalone		Ant 16 Full power Body-worn Standalone Extremity Standalone		Ant 17+16 Full power Body-worn Standalone Extremity Standalone		Ant 17 Head Standalone		Ant 16 Head Standalone		Ant 17+16 Head Standalone		
	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
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.89	19.50	18.45	19.00	21.69	22.50		16.50		16.50		19.50	99.32
		116	5580	18.90	19.50	18.65	19.50	21.79	22.50		16.50		16.50		19.50	
		124	5620	18.95	19.50	18.62	19.50	21.80	22.50		16.50		16.50		19.50	
		132	5660	19.00	19.50	18.70	19.50	21.87	22.50		16.50		16.50		19.50	
		140	5700	18.91	19.50	18.51	19.50	21.73	22.50		16.50		16.50		19.50	
		144	5720	19.07	20.00	18.46	19.00	21.79	22.50		16.50		16.50		19.50	
	802.11n-HT20 MCS0	100	5500	19.08	20.00	18.57	19.50	21.84	22.50		16.50		16.50		19.50	100
		116	5580	18.79	19.50	18.34	19.00	21.58	22.50		16.50		16.50		19.50	
		124	5620	18.88	19.50	18.26	19.00	21.59	22.50		16.50		16.50		19.50	
		132	5660	18.84	19.50	18.47	19.00	21.67	22.50		16.50		16.50		19.50	
		140	5700	18.81	19.50	18.34	19.00	21.59	22.50		16.50		16.50		19.50	
		144	5720	18.38	19.00	17.73	18.50	21.08	22.00		16.50		16.50		19.50	
	802.11n-HT40 MCS0	102	5510	18.12	19.00	17.56	18.50	20.86	21.50		16.50		16.50		19.50	100
		110	5550	18.05	19.00	17.67	18.50	20.87	21.50	Not Required	16.50	Not Required	16.50	Not Required	19.50	
		126	5630	18.05	19.00	17.47	18.00	20.78	21.50		16.50		16.50		19.50	
		134	5670	18.04	19.00	17.52	18.50	20.80	21.50		16.50		16.50		19.50	
		142	5710	17.52	18.50	17.00	17.50	20.28	21.00		16.50		16.50		19.50	
		100	5500	19.17	20.00	18.63	19.50	21.92	22.50		16.50		16.50		19.50	
	802.11ac-VHT20 MCS0	116	5580	18.85	19.50	18.41	19.00	21.65	22.50		16.50		16.50		19.50	100
		124	5620	18.95	19.50	18.34	19.00	21.67	22.50		16.50		16.50		19.50	
		132	5660	18.89	19.50	18.51	19.50	21.71	22.50		16.50		16.50		19.50	
		140	5700	18.87	19.50	18.39	19.00	21.65	22.50		16.50		16.50		19.50	
		144	5720	18.45	19.00	17.82	18.50	21.16	22.00		16.50		16.50		19.50	
		102	5510	18.18	19.00	17.63	18.15	20.92	21.50		16.50		16.50		19.50	
	802.11ac-VHT40 MCS0	110	5550	18.09	19.00	17.73	18.50	20.92	21.50		16.50		16.50		19.50	100
		126	5630	18.10	19.00	17.52	18.50	20.83	21.50		16.50		16.50		19.50	
		134	5670	18.08	19.00	17.58	18.50	20.85	21.50		16.50		16.50		19.50	
		142	5710	17.57	18.50	17.07	18.00	20.34	21.00		16.50		16.50		19.50	
		106	5530	16.94	17.50	16.73	17.50	19.85	20.50	15.87	16.50	15.77	16.50	18.80	19.50	
		122	5610	16.67	17.50	16.48	17.00	19.59	20.50	15.77	16.50	16.02	16.50	18.58	19.50	
	802.11ac-VHT80 MCS0	138	5690	16.78	17.50	16.41	17.00	19.61	20.50	15.82	16.50	15.97	16.50	18.65	19.50	100
	802.11ac-VHT160 MCS0	114	5570	15.54	16.50	15.28	16.00	18.42	19.00		16.50		16.00		19.00	
		100	5500	19.23	20.00	18.70	19.50	21.98	22.50		16.50		16.50		19.50	
		116	5580	18.91	19.50	18.47	19.00	21.71	22.50		16.50		16.50		19.50	
		124	5620	18.99	19.50	18.41	19.00	21.72	22.50		16.50		16.50		19.50	
		132	5660	18.95	19.50	18.55	19.50	21.76	22.50		16.50		16.50		19.50	
		140	5700	18.94	19.50	18.43	19.00	21.70	22.50		16.50		16.50		19.50	
	802.11ax-HE20 MCS0	144	5720	18.51	19.50	17.88	18.50	21.22	22.00		16.50		16.50		19.50	
		102	5510	18.22	19.00	17.71	18.50	20.98	21.50		16.50		16.50		19.50	
		110	5550	18.12	19.00	17.79	18.50	20.97	21.50		16.50		16.50		19.50	
		126	5630	18.18	19.00	17.60	18.50	20.91	21.50		16.50		16.50		19.50	
		134	5670	18.14	19.00	17.64	18.50	20.91	21.50		16.50		16.50		19.50	
		142	5710	17.65	18.50	17.15	18.00	20.42	21.00		16.50		16.50		19.50	
	802.11ax-HE80 MCS0	106	5530	16.97	17.50	16.77	17.50	19.88	20.50		16.50		16.50		19.50	
		122	5610	16.72	17.50	16.51	17.50	19.63	20.50		16.50		16.50		19.50	
		138	5690	16.82	17.50	16.48	17.00	19.66	20.50		16.50		16.50		19.50	
		114	5570	15.58	16.50	15.32	16.00	18.46	19.00	Not Required	16.50	Not Required	16.00	Not Required	19.00	
	802.11be-EHT20 MCS0	100	5500	19.27	20.00	18.74	19.50	22.02	22.50		16.50		16.50		19.50	
		116	5580	18.98	19.50	18.53	19.50	21.77	22.50		16.50		16.50		19.50	
		124	5620	19.06	20.00	18.45	19.00	21.78	22.50		16.50		16.50		19.50	
		132	5660	19.02	20.00	18.62	19.50	21.83	22.50		16.50		16.50		19.50	
		140	5700	18.99	19.50	18.47	19.00	21.75	22.50		16.50		16.50		19.50	
		144	5720	18.58	19.50	17.94	18.50	21.28	22.00		16.50		16.50		19.50	
	802.11be-EHT40 MCS0	102	5510	18.27	19.00	17.78	18.50	21.04	22.00		16.50		16.50		19.50	
		110	5550	18.19	19.00	17.84	18.50	21.03	22.00		16.50		16.50		19.50	
		126	5630	18.25	19.00	17.64	18.50	20.97	21.50		16.50		16.50		19.50	
		134	5670	18.17	19.00	17.69	18.50	20.95	21.50		16.50		16.50		19.50	
		142	5710	17.72	18.50	17.18	18.00	20.47	21.00		16.50		16.50		19.50	
		106	5530	17.02	18.00	16.81	17.50	19.93	20.50		16.50		16.50		19.50	
	802.11be-EHT80 MCS0	122	5610	16.79	17.50	16.54	17.50	19.68	20.50		16.50		16.50		19.50	
		138	5690	16.85	17.50	16.51	17.50	19.69	20.50		16.50		16.50		19.50	
		114	5570	15.63	16.50	15.37	16.00	18.51	19.00		16.50		16.00		19.00	
	802.11be-EHT160 MCS0	114	5570	15.63	16.50	15.37	16.00	18.51	19.00		16.50		16.00		19.00	

5.8GHz WLAN				Ant 17 Full power Body-worn Standalone Extremity Standalone		Ant 16 Full power Body-worn Standalone Extremity Standalone		Ant 17+16 Full power Body-worn Standalone Extremity Standalone		Ant 17 Head Standalone		Ant 16 Head Standalone		Ant 17+16 Head Standalone		Ant 17 Hotspot Standalone		Ant 16 Hotspot Standalone		Ant 17+16 Hotspot Standalone			
	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 %	
5.8GHz WLAN	802.11a 6Mbps	149	5745	19.52	20.00	18.98	19.50	22.27	23.00		17.00		16.50		20.00	18.51	19.00	17.98	18.50	21.22	22.00	99.32	
		157	5785	19.45	20.00	18.96	19.50	22.23	23.00		17.00		16.50		20.00	18.46	19.00	17.93	18.50	21.17	22.00		
		165	5825	19.49	20.00	19.09	19.50	22.31	23.00		17.00		16.50		20.00	18.49	19.00	18.04	18.50	21.23	22.00		
	802.11n-HT20 MCS0	149	5745	18.37	19.00	17.74	18.50	21.08	22.00		17.00		16.50		20.00	19.00			18.50		22.00	100	
		157	5785	18.36	19.00	17.81	18.50	21.10	22.00		17.00		16.50		20.00	19.00			18.50		22.00		
		165	5825	18.39	19.00	17.80	18.50	21.12	22.00		17.00		16.50		20.00	19.00			18.50		22.00		
	802.11n-HT40 MCS0	151	5755	17.58	18.50	16.98	17.50	20.30	21.00	Not Required	17.00	Not Required	16.50	Not Required	20.00	18.50	17.50				22.00	100	
		159	5795	17.48	18.00	17.02	18.00	20.27	21.00		17.00		16.50		20.00	18.00	18.00			18.00	21.00		
		149	5745	18.42	19.00	17.81	18.50	21.14	22.00		17.00		16.50		20.00	19.00			18.50		22.00		
	802.11ac-VHT20 MCS0	157	5785	18.44	19.00	17.90	18.50	21.19	22.00		17.00		16.50		20.00	19.00			18.50		22.00	100	
		165	5825	18.43	19.00	17.88	18.50	21.17	22.00		17.00		16.50		20.00	19.00			18.50		22.00		
		151	5755	17.63	18.50	17.03	18.00	20.35	21.00		17.00		16.50		20.00	18.50	18.00			18.00	21.00		
	802.11ac-VHT40 MCS0	159	5795	17.54	18.50	17.05	18.00	20.31	21.00		17.00		16.50		20.00	18.50	18.00			18.00	21.00	100	
	802.11ac-VHT80 MCS0	155	5775	16.33	17.00	15.92	16.50	19.14	20.00	16.33	17.00	15.92	16.50	19.14	20.00		17.00			16.50		20.00	100
	802.11ax-HE20 MCS0	149	5745	18.50	19.00	17.88	18.50	21.21	22.00		17.00		16.50		20.00	Not Required	19.00	Not Required		18.50	Not Required	22.00	100
		157	5785	18.47	19.00	17.96	18.50	21.23	22.00		17.00		16.50		20.00	Not Required	19.00	Not Required		18.50	Not Required	22.00	
		165	5825	18.46	19.00	17.93	18.50	21.21	22.00		17.00		16.50		20.00	19.00			18.50		22.00		
	802.11ax-HE40 MCS0	151	5755	17.70	18.50	17.07	18.00	20.41	21.00		17.00		16.50		20.00	18.50	18.00			18.00	21.00	100	
		159	5795	17.60	18.50	17.08	18.00	20.36	21.00		17.00		16.50		20.00	18.50	18.00			18.00	21.00		
		155	5775	16.37	17.00	15.94	16.50	19.17	20.00		17.00		16.50		20.00	17.00			16.50		20.00		
	802.11ax-HE80 MCS0	149	5745	18.54	19.50	17.95	18.50	21.27	22.00		17.00	Not Required	16.50	Not Required	20.00	19.00			18.50		22.00	100	
157		5785	18.51	19.50	18.01	19.00	21.28	22.00		17.00		16.50		20.00	19.00			18.50		22.00			
165		5825	18.51	19.50	17.98	18.50	21.26	22.00		17.00		16.50		20.00	19.00			18.50		22.00			
802.11be-EHT40 MCS0	151	5755	17.75	18.50	17.14	18.00	20.47	21.00		17.00		16.50		20.00	18.50	18.00			18.00	21.00	100		
	159	5795	17.67	18.50	17.12	18.00	20.41	21.00		17.00		16.50		20.00	18.50	18.00			18.00	21.00			
	155	5775	16.43	17.00	15.96	16.50	19.21	20.00		17.00		16.50		20.00	17.00			16.50		20.00			

BT BR/EDR

Mode	Channel	Frequency (MHz)	Ant15 Full power			
			Average power (dBm)			Tune-up Limit
BR / EDR	CH 00	2402	15.73	13.28	13.28	17.50
	CH 39	2441	16.22	13.99	13.97	17.50
	CH 76	2480	15.70	13.58	13.44	17.50

BLE_1M

Mode	Channel	Frequency (MHz)	Ant15 Full power	
			Average power (dBm)	
LE	CH 00	2402	8.07	
	CH 19	2440	8.34	
	CH 39	2480	8.08	
Tune-up Limit			10.00	

BLE_2M

Mode	Channel	Frequency (MHz)	Ant15 Full power	
			Average power (dBm)	
LE	CH 00	2402	8.18	
	CH 19	2440	8.44	
	CH 39	2480	8.16	
Tune-up Limit			10.00	

BT BR/EDR

Mode	Channel	Frequency (MHz)	Ant15 Full power			
			Average power (dBm)			Tune-up Limit
BR / EDR	CH 00	2402	11.08	7.34	7.30	12.50
	CH 39	2441	11.78	8.17	8.15	12.50
	CH 76	2480	11.50	7.67	7.60	12.50

BT BR/EDR

Mode	Channel	Frequency (MHz)	Ant15+7 Full power			
			Average power (dBm)			Tune-up Limit
BR / EDR	CH 00	2402	14.81	11.45	11.38	16.50
	CH 39	2441	14.90	11.23	20.00	16.50
	CH 76	2480	14.80	11.05	11.09	16.50

BT BR/EDR

Mode	Channel	Frequency (MHz)	Ant7 Full power			
			Average power (dBm)			Tune-up Limit
BR / EDR	CH 00	2402	15.77	13.26	13.39	17.00
	CH 39	2441	15.61	12.79	12.88	17.00
	CH 76	2480	14.97	12.67	12.73	16.50

BLE_1M

Mode	Channel	Frequency (MHz)	Ant7 Full power	
			Average power (dBm)	
LE	CH 00	2402	9.39	
	CH 19	2440	8.48	
	CH 39	2480	8.26	
Tune-up Limit			10.00	

BLE_2M

Mode	Channel	Frequency (MHz)	Ant7 Full power	
			Average power (dBm)	
LE	CH 00	2402	9.31	
	CH 19	2440	8.55	
	CH 39	2480	8.36	
Tune-up Limit			10.00	

BT

BT BR/EDR

Mode	Channel	Frequency (MHz)	Ant7 Full power			
			Average power (dBm)			Tune-up Limit
BR / EDR	CH 00	2402	12.41	9.32	9.24	13.50
	CH 39	2441	12.00	8.27	8.20	13.50
	CH 76	2480	12.06	8.38	8.51	13.50