

Part 27Q_Band 42_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				42190	42590	42990		
				3460	3500	3540		
20	QPSK	1	0	19.24	19.26	19.19		
20	QPSK	1	49	20.16	20.27	20.12	22	0
20	QPSK	1	99	20.22	20.30	20.16		
20	QPSK	50	0	19.31	19.28	19.23		
20	QPSK	50	24	19.21	19.21	19.19	21	1
20	QPSK	50	50	19.13	19.22	19.09		
20	QPSK	100	0	19.18	19.20	19.12		
20	16QAM	1	49	19.24	19.26	19.19	21	1
20	16QAM	1	49	19.19	19.21	19.11		
20	16QAM	1	99	19.07	19.22	19.06		
20	16QAM	50	0	18.08	18.18	18.09		
20	16QAM	50	24	18.02	18.05	18.02	20	2
20	16QAM	50	50	18.09	18.17	18.10		
20	16QAM	100	0	18.02	18.17	18.14		
20	64QAM	1	0	18.14	18.26	18.13	20	2
20	64QAM	1	49	18.02	18.14	18.10		
20	64QAM	1	99	18.08	18.19	18.14		
20	64QAM	50	0	17.12	17.27	17.18		
20	64QAM	50	24	17.06	17.26	17.13	19	3
20	64QAM	50	50	17.19	17.25	17.21		
20	256QAM	100	0	17.21	17.33	17.22		
20	256QAM	1	0	15.32	15.35	15.24	17	5
20	256QAM	1	24	15.26	15.27	15.18		
20	256QAM	1	99	15.15	15.27	15.18		
20	256QAM	50	0	15.18	15.20	15.17		
20	256QAM	50	24	15.24	15.28	15.22	17	5
20	256QAM	50	50	15.24	15.28	15.22		
20	256QAM	100	0	15.24	15.33	15.31		
Channel								
Frequency (MHz)				42165	42590	43015	Time-up limit (dBm)	MPR (dB)
				34615	3500	35415		
15	QPSK	1	0	20.06	20.23	20.02		
15	QPSK	1	37	20.29	20.28	20.20	22	0
15	QPSK	1	74	20.25	20.31	20.08		
15	QPSK	36	0	19.08	19.13	19.10		
15	QPSK	36	20	19.21	19.31	19.13	21	1
15	QPSK	36	39	19.11	19.14	19.06		
15	QPSK	75	0	19.19	19.21	19.02		
15	16QAM	1	49	19.24	19.24	19.17	21	1
15	16QAM	1	37	19.09	19.14	19.04		
15	16QAM	1	74	19.08	19.19	19.09		
15	16QAM	36	0	18.08	18.13	18.11	20	2
15	16QAM	36	20	18.08	18.08	18.08		
15	16QAM	36	39	18.07	18.10	18.04		
15	16QAM	75	0	18.08	18.12	18.17		
15	16QAM	75	0	18.18	18.21	18.17		
15	64QAM	1	37	18.04	18.07	18.14	20	2
15	64QAM	1	74	18.11	18.23	18.12		
15	64QAM	36	0	17.14	17.19	17.19		
15	64QAM	36	20	17.26	17.26	17.23	19	3
15	64QAM	36	39	17.16	17.17	17.11		
15	64QAM	75	0	17.24	17.35	17.15		
15	256QAM	1	37	15.29	15.31	15.28	17	5
15	256QAM	1	37	15.16	15.31	15.22		
15	256QAM	1	74	15.08	15.30	15.21		
15	256QAM	36	0	15.13	15.24	15.08		
15	256QAM	36	20	15.16	15.28	15.24	17	5
15	256QAM	36	39	15.19	15.24	15.13		
15	256QAM	75	0	15.20	15.31	15.31		
Channel								
Frequency (MHz)				42155	42590	43005	Time-up limit (dBm)	MPR (dB)
				3455	3500	3545		
10	QPSK	1	0	20.17	20.21	20.11		
10	QPSK	1	25	20.23	20.24	20.11	22	0
10	QPSK	1	49	20.29	20.29	20.08		
10	QPSK	25	0	19.15	19.14	19.15	21	1
10	QPSK	25	12	19.11	19.29	19.26		
10	QPSK	25	25	19.15	19.12	19.11		
10	QPSK	50	0	19.11	19.11	19.10		
10	16QAM	1	0	19.23	19.29	19.13	21	1
10	16QAM	1	25	19.10	19.11	19.10		
10	16QAM	1	49	19.05	19.20	19.06		
10	16QAM	25	0	18.05	18.15	18.06	20	2
10	16QAM	25	12	18.06	18.10	18.06		
10	16QAM	25	25	18.02	18.15	18.13		
10	16QAM	50	0	18.06	18.16	18.10		
10	64QAM	1	0	18.07	18.25	18.10	20	2
10	64QAM	1	25	18.01	18.09	18.02		
10	64QAM	1	49	18.09	18.21	18.16		
10	64QAM	25	0	17.05	17.27	17.11	19	3
10	64QAM	25	12	17.33	17.31	17.36		
10	64QAM	25	25	17.17	17.17	17.11		
10	64QAM	50	0	17.19	17.26	17.24		
10	256QAM	1	0	15.25	15.32	15.25	17	5
10	256QAM	1	25	15.19	15.30	15.10		
10	256QAM	1	49	15.15	15.24	15.17		
10	256QAM	25	0	15.11	15.16	15.20		
10	256QAM	25	12	15.27	15.26	15.28	17	5
10	256QAM	25	25	15.18	15.29	15.17		
10	256QAM	50	0	15.21	15.29	15.21		
Channel								
Frequency (MHz)				42115	42590	43005	Time-up limit (dBm)	MPR (dB)
				34525	3500	35475		
5	QPSK	1	0	20.23	20.28	20.13		
5	QPSK	1	12	20.18	20.30	20.17	22	0
5	QPSK	1	24	20.21	20.30	20.16		
5	QPSK	12	0	19.11	19.15	19.14	21	1
5	QPSK	12	7	19.18	19.25	19.19		
5	QPSK	12	13	19.19	19.22	19.10		
5	QPSK	25	0	19.18	19.23	19.07	21	1
5	16QAM	1	0	19.24	19.16	19.19		
5	16QAM	1	12	19.21	19.11	19.02	21	1
5	16QAM	1	24	19.11	19.16	19.02		
5	16QAM	12	0	18.06	18.21	18.03	20	2
5	16QAM	12	7	18.09	18.09	18.06		
5	16QAM	12	13	18.02	18.08	18.04		
5	16QAM	25	0	18.02	18.18	18.16		
5	64QAM	1	0	18.06	18.21	18.08	20	2
5	64QAM	1	12	18.05	18.04	18.00		
5	64QAM	1	24	18.09	18.16	18.10		
5	64QAM	12	0	17.02	17.30	17.11	19	3
5	64QAM	12	7	17.37	17.28	17.33		
5	64QAM	12	13	17.18	17.24	17.20		
5	64QAM	25	0	17.23	17.37	17.18		
5	256QAM	1	0	15.32	15.38	15.23	17	5
5	256QAM	1	12	15.19	15.30	15.14		
5	256QAM	1	24	15.13	15.25	15.10		
5	256QAM	12	0	15.14	15.12	15.10		
5	256QAM	12	7	15.23	15.32	15.26	17	5
5	256QAM	12	13	15.23	15.25	15.23		
5	256QAM	25	0	15.25	15.32	15.25		

Full/Default Power Mode

Part 27Q_Band 42_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				42190	42590	42990		
				3460	3500	3540		
20	QPSK	1	0	23.40	23.51	23.49		
20	QPSK	1	49	23.33	23.48	23.42	24	0
20	QPSK	1	99	23.27	23.38	23.36		
20	QPSK	50	0	23.35	23.43	23.42		
20	QPSK	50	24	23.11	23.21	23.16	24	0
20	QPSK	50	50	23.22	23.35	23.25		
20	QPSK	100	0	23.36	23.41	23.39		
20	16QAM	1	0	23.42	23.50	23.44		
20	16QAM	1	49	23.40	23.43	23.39	24	0
20	16QAM	1	99	23.25	23.40	23.37		
20	16QAM	50	0	22.96	23.05	23.01		
20	16QAM	50	24	23.05	23.08	23.07	23.5	0.5
20	16QAM	50	50	23.03	23.06	22.99		
20	16QAM	100	0	22.93	23.04	22.89		
20	64QAM	1	0	22.99	23.10	22.97	23.5	0.5
20	64QAM	1	49	23.10	23.13	23.02		
20	64QAM	1	99	22.87	23.05	22.95		
20	64QAM	50	0	22.20	22.22	22.11		
20	64QAM	50	24	22.10	22.10	22.07	22.5	1.5
20	64QAM	50	50	22.15	22.26	22.19		
20	64QAM	100	0	22.18	22.23	22.10		
20	256QAM	1	0	19.82	19.82	19.81		
20	256QAM	1	49	19.79	19.83	19.80	20	4
20	256QAM	1	99	19.81	19.83	19.80		
20	256QAM	50	0	19.63	19.77	19.70		
20	256QAM	50	24	19.57	19.78	19.77	20	4
20	256QAM	50	50	19.73	19.79	19.71		
20	256QAM	100	0	19.70	19.85	19.78		
Channel								
Frequency (MHz)				42165	42590	43015	Time-up limit (dBm)	MPR (dB)
				34615	3500	35415		
15	QPSK	1	0	23.19	23.47	23.31		
15	QPSK	1	37	23.26	23.45	23.42	24	0
15	QPSK	1	74	23.29	23.24	23.35		
15	QPSK	36	0	23.17	23.13	23.30		
15	QPSK	36	37	23.20	23.33	23.25	24	0
15	QPSK	36	74	23.21	23.20	23.16		
15	QPSK	75	0	23.35	23.35	23.28		
15	16QAM	1	0	23.31	23.35	23.39		
15	16QAM	1	37	23.29	23.32	23.25	24	0
15	16QAM	1	74	23.14	23.24	23.23		
15	16QAM	36	0	22.93	22.97	22.99		
15	16QAM	36	37	23.02	23.09	23.24	23.5	0.5
15	16QAM	36	74	22.99	23.05	22.86		
15	16QAM	75	0	22.81	22.81	22.81		
15	64QAM	1	0	22.97	23.00	22.95	23.5	0.5
15	64QAM	1	37	23.09	22.99	22.89		
15	64QAM	1	74	22.95	23.02	22.83		
15	64QAM	36	0	22.10	22.14	22.03		
15	64QAM	36	37	22.09	22.12	22.06	22.5	1.5
15	64QAM	36	74	22.03	22.17	22.05		
15	64QAM	75	0	22.07	22.15	22.09		
15	256QAM	1	0	19.80	19.85	19.86		
15	256QAM	1	37	19.69	19.77	19.79	20	4
15	256QAM	1	74	19.75	19.73	19.76		
15	256QAM	36	0	19.52	19.68	19.57		
15	256QAM	36	37	19.68	19.75	19.72	20	4
15	256QAM	36	74	19.59	19.68	19.61		
15	256QAM	75	0	19.68	19.82	19.75		
Channel								
Frequency (MHz)				42160	42590	43040	Time-up limit (dBm)	MPR (dB)
				34550	3500	3545		
10	QPSK	1	0	23.20	23.34	23.35		
10	QPSK	1	37	23.33	23.47	23.42	24	0
10	QPSK	1	49	23.34	23.34	23.25		
10	QPSK	25	0	23.18	23.31	23.21		
10	QPSK	25	12	23.26	23.42	23.30	24	0
10	QPSK	25	25	23.11	23.20	23.12		
10	QPSK	50	0	23.35	23.26	23.25		
10	16QAM	1	0	23.41	23.40	23.42		
10	16QAM	1	37	23.35	23.39	23.35	24	0
10	16QAM	1	49	23.18	23.38	23.26		
10	16QAM	25	0	22.81	22.94	22.95		
10	16QAM	25	12	22.88	23.01	23.05	23.5	0.5
10	16QAM	25	25	22.78	22.98	22.92		
10	64QAM	1	0	22.92	23.09	23.02	23.5	0.5
10	64QAM	1	25	23.09	23.09	22.96		
10	64QAM	1	49	22.93	23.04	22.94		
10	64QAM	25	0	22.16	22.15	21.96		
10	64QAM	25	12	22.17	22.17	21.94	22.5	1.5
10	64QAM	25	25	22.15	22.20	22.14		
10	256QAM	1	0	22.16	22.18	22.09		
10	256QAM	1	19	19.70	19.81	19.79		
10	256QAM	1	25	19.76	19.70	19.66	20	4
10	256QAM	1	49	19.67	19.78	19.70		
10	256QAM	25	0	19.62	19.76	19.63		
10	256QAM	25	12	19.72	19.70	19.62	20	4
10	256QAM	25	25	19.74	19.74	19.64		
10	256QAM	50	0	19.65	19.74	19.71		
Channel								
Frequency (MHz)				42425	42590	43065	Time-up limit (dBm)	MPR (dB)
				34525	3500	3547.5		
5	QPSK	1	0	23.23	23.41	23.35		
5	QPSK	1	37	23.38	23.47	23.42	24	0
5	QPSK	1	24	23.28	23.26	23.34		
5	QPSK	12	0	23.27	23.26	23.30		
5	QPSK	12	7	23.22	23.30	23.29	24	0
5	QPSK	12	13	23.13	23.33	23.15		
5	QPSK	1	0	23.29	23.33	23.38		
5	16QAM	1	0	23.31	23.35	23.39		
5	16QAM	1	24	23.28	23.28	23.21	24	0
5	16QAM	1	24	23.15	23.31	23.31		
5	16QAM	12	0	22.95	23.03	22.97	23.5	0.5
5	16QAM	12	7	22.90	22.90	22.99		
5	16QAM	12	13	22.88	22.95	22.89		
5	16QAM	25	0	22.80	22.97	22.79		
5	64QAM	1	0	22.89	23.09	22.89	23.5	0.5
5	64QAM	1	12	23.00	23.09	22.93		
5	64QAM	1	24	22.91	22.93	22.85		
5	64QAM	12	0	22.18	22.21	22.09		
5	64QAM	12	7	22.18	22.10	21.99	22.5	1.5
5	64QAM	12	13	22.06	22.17	22.01		
5	256QAM	1	0	19.68	19.75	19.71	20	4
5	256QAM	1	24	19.75	19.81	19.68		
5	256QAM	12	0	19.51	19.62	19.67		
5	256QAM	12	7	19.66	19.75	19.63		
5	256QAM	12	13	19.67	19.64	19.64	20	4
5	256QAM	25	0	19.57	19.73	19.69		

n26_Ant 0											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164500	Power Middle Ch. / Freq. 165000	Power High Ch. / Freq. 165500	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	PQ2 BPSK	1	1	22.98	23.12	23.10	24.0	0.0			
20	PQ2 BPSK	1	53	22.98	23.08	22.99					
20	PQ2 BPSK	1	104	22.93	22.98	22.88					
20	PQ2 BPSK	50	0	22.99	23.11	23.03	24.0	0.0			
20	PQ2 BPSK	50	28	22.98	23.03	23.00	24.0	0.0			
20	PQ2 BPSK	50	56	22.93	23.06	23.00					
20	PQ2 BPSK	100	0	22.97	23.05	23.02					
20	QPSK	1	1	23.12	23.18	23.05	24.0	0.0			
20	QPSK	1	53	22.89	23.02	22.87					
20	QPSK	1	104	22.87	22.92	22.83					
20	QPSK	50	0	22.95	23.07	22.94	24.0	0.0			
20	QPSK	50	28	23.07	23.11	23.03	24.0	0.0			
20	QPSK	50	56	22.90	23.04	22.92	24.0	0.0			
20	QPSK	100	0	22.95	23.05	23.04	24.0	0.0			
20	16QAM	1	1	22.95	23.11	23.07					
20	64QAM	1	1	21.54	21.68	21.56	22.5	1.5			
20	256QAM	1	1	20.03	20.07	19.99	21.0	3.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	22.98	23.09	22.98	24.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	22.98	23.03	22.98	24.0	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	23.10	23.05	23.03	24.0	0.0			

n26_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164500	Power Middle Ch. / Freq. 165000	Power High Ch. / Freq. 165500	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	PQ2 BPSK	1	1	22.71	22.81	22.80	24.0	0.0			
20	PQ2 BPSK	1	53	22.76	22.81	22.77					
20	PQ2 BPSK	1	104	22.61	22.68	22.53					
20	PQ2 BPSK	50	0	22.82	22.88	22.78	24.0	0.0			
20	PQ2 BPSK	50	28	22.76	22.79	22.74	24.0	0.0			
20	PQ2 BPSK	50	56	22.67	22.75	22.71	24.0	0.0			
20	PQ2 BPSK	100	0	22.76	22.83	22.81					
20	QPSK	1	1	22.83	22.91	22.87					
20	QPSK	1	53	22.69	22.83	22.81	24.0	0.0			
20	QPSK	1	104	22.65	22.74	22.61	24.0	0.0			
20	QPSK	50	0	22.72	22.78	22.67					
20	QPSK	50	28	22.79	22.87	22.81					
20	QPSK	50	56	22.65	22.68	22.61	24.0	0.0			
20	QPSK	100	0	22.71	22.77	22.63	24.0	0.0			
20	16QAM	1	1	22.50	22.60	22.56					
20	64QAM	1	1	21.00	21.07	20.99	22.0	2.0			
20	256QAM	1	1	19.64	19.69	19.64	20.5	3.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	22.76	22.78	22.81	24.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	22.77	22.80	22.74	24.0	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	22.70	22.83	22.74	24.0	0.0			



n38_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				518004	519000	519996			
40	P1/2 BPSK	1	1	22.51	22.53	22.52	24.0	0.0	
40	P1/2 BPSK	1	53	22.50	22.53	22.43			
40	P1/2 BPSK	1	104	22.27	22.36	22.30			
40	P1/2 BPSK	50	0	21.97	22.12	22.03	23.5	0.5	
40	P1/2 BPSK	50	28	22.38	22.52	22.37	24.0	0.0	
40	P1/2 BPSK	50	56	21.99	22.05	21.93	23.5	0.5	
40	P1/2 BPSK	100	0	22.10	22.11	22.10			
40	QPSK	1	1	22.50	22.50	22.57			
40	QPSK	1	53	22.45	22.50	22.38	24.0	0.0	
40	QPSK	1	104	22.16	22.30	22.16			
40	QPSK	50	0	21.93	21.94	21.81			
40	QPSK	50	28	22.46	22.51	22.38	24.0	0.0	
40	QPSK	50	56	21.97	21.46	21.36			
40	QPSK	100	0	21.52	21.55	21.52	23.0	1.0	
40	16QAM	1	1	21.38	21.48	21.38	23.0	1.0	
40	64QAM	1	1	19.83	19.77	19.62	21.5	2.5	
40	256QAM	1	1	18.08	18.21	18.18	19.5	4.5	
Channel									
Frequency (MHz)				517002	518000	520998	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	22.56	22.55	22.54	24.0	0.0	
Channel									
Frequency (MHz)				518504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	22.51	22.54	22.52	24.0	0.0	
Channel									
Frequency (MHz)				516000	516000	520000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	22.48	22.47	22.50	24.0	0.0	
Channel									
Frequency (MHz)				515502	515000	520498	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	22.53	22.56	22.50	24.0	0.0	
Channel									
Frequency (MHz)				515004	515000	520996	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.54	22.45	22.44	24.0	0.0	
Channel									
Frequency (MHz)				2577.02	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	22.51	22.48	22.43	24.0	0.0	

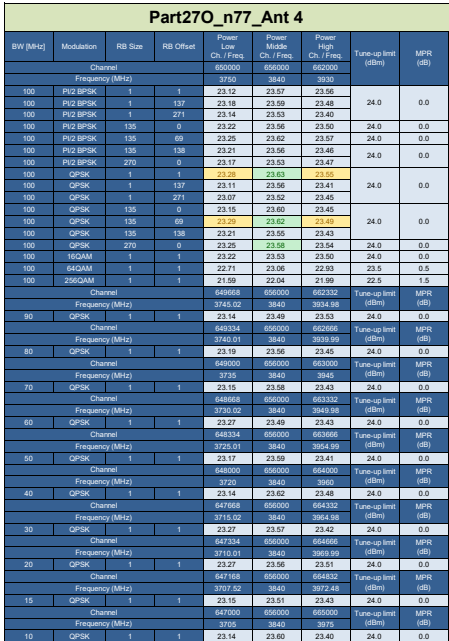
n38_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				516004	516000	516996			
40	P1/2 BPSK	1	1	21.05	21.20	21.16	22.0	0.0	
40	P1/2 BPSK	1	53	21.16	21.27	21.21			
40	P1/2 BPSK	1	104	20.97	21.02	20.96			
40	P1/2 BPSK	50	0	20.88	20.90	20.83	21.5	0.5	
40	P1/2 BPSK	50	28	20.96	21.11	21.06	22.0	0.0	
40	P1/2 BPSK	50	56	20.75	20.82	20.71	21.5	0.5	
40	P1/2 BPSK	100	0	20.71	20.84	20.76			
40	QPSK	1	1	21.23	21.28	21.27			
40	QPSK	1	53	21.13	21.22	21.09	22.0	0.0	
40	QPSK	1	104	21.16	21.18	21.07			
40	QPSK	50	0	20.27	20.38	20.33			
40	QPSK	50	28	21.04	21.12	21.07	22.0	0.0	
40	QPSK	50	56	20.12	20.21	20.06			
40	QPSK	100	0	20.30	20.38	20.23	21.0	1.0	
40	16QAM	1	1	20.37	20.47	20.38	21.0	1.0	
40	64QAM	1	1	18.32	18.46	18.41	19.5	2.5	
40	256QAM	1	1	17.07	17.12	17.05	17.5	4.5	
Channel									
Frequency (MHz)				517.002	518000	520998	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	21.13	21.27	21.13	22.0	0.0	
Channel									
Frequency (MHz)				516504	516000	521496	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	21.19	21.19	21.25	22.0	0.0	
Channel									
Frequency (MHz)				516000	516000	520000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	21.15	21.13	21.21	22.0	0.0	
Channel									
Frequency (MHz)				515502	515000	520498	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	21.14	21.23	21.16	22.0	0.0	
Channel									
Frequency (MHz)				515004	515000	520004	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	21.19	21.27	21.14	22.0	0.0	
Channel									
Frequency (MHz)				516400	516000	520800	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	21.22	21.20	21.25	22.0	0.0	

n41_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2552.98	2560.00			
100	P1/2 BPSK	1	1	22.64	22.75	22.64	24.0	0.0	
100	P1/2 BPSK	1	137	22.51	22.63	22.62			
100	P1/2 BPSK	1	271	22.49	22.54	22.48			
100	P1/2 BPSK	135	0	22.23	22.33	22.29	23.5	0.5	
100	P1/2 BPSK	135	69	22.62	22.66	22.58	24.0	0.0	
100	P1/2 BPSK	135	138	22.04	22.08	21.93	23.5	0.5	
100	P1/2 BPSK	270	0	22.08	22.13	22.07			
100	QPSK	1	1	22.71	22.82	22.66			
100	QPSK	1	137	22.47	22.56	22.42	24.0	0.0	
100	QPSK	1	271	22.50	22.59	22.52			
100	QPSK	135	0	21.74	21.81	21.70			
100	QPSK	135	69	22.67	22.68	22.59	24.0	0.0	
100	QPSK	135	138	21.48	21.58	21.51			
100	QPSK	270	0	21.54	21.63	21.52	23.0	1.0	
100	16QAM	1	1	21.84	21.95	21.89	23.0	1.0	
100	64QAM	1	1	19.76	19.86	19.85	21.5	2.5	
100	256QAM	1	1	18.53	18.56	18.48	19.5	4.5	
Channel									
Frequency (MHz)				506200	510000	529998	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	22.58	22.71	22.63	24.0	0.0	
Channel									
Frequency (MHz)				507204	510000	529996	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	22.57	22.71	22.59	24.0	0.0	
Channel									
Frequency (MHz)				506200	510000	531000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	22.10	22.78	22.52	24.0	0.0	
Channel									
Frequency (MHz)				505200	510000	530000	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	22.08	22.75	22.51	24.0	0.0	
Channel									
Frequency (MHz)				504200	510000	529000	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	22.59	22.77	22.51	24.0	0.0	
Channel									
Frequency (MHz)				503200	510000	530000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	22.57	22.78	22.51	24.0	0.0	
Channel									
Frequency (MHz)				502704	510000	534496	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	22.05	22.72	22.59	24.0	0.0	
Channel									
Frequency (MHz)				502200	510000	534998	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	22.04	22.70	22.59	24.0	0.0	
Channel									
Frequency (MHz)				501200	510000	535998	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	22.07	22.78	22.60	24.0	0.0	
Channel									
Frequency (MHz)				500200	510000	537000	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	22.00	22.69	22.51	24.0	0.0	
Channel									
Frequency (MHz)				500150	510000	536950	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.03	22.73	22.52	24.0	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									
Frequency (MHz)				505202	518998	528000	20.40		
100	P1/2 BPSK	1	1	21.00	21.14	20.93	22.0	0.0	
100	P1/2 BPSK	1	137	20.78	20.83	20.51			
100	P1/2 BPSK	1	241	20.67	20.73	20.47			
100	P1/2 BPSK	135	0	20.73	20.74	20.41	21.5	0.5	
100	P1/2 BPSK	135	69	20.77	20.91	20.69	22.0	0.0	
100	P1/2 BPSK	135	138	20.38	20.53	20.31	21.5	0.5	
100	P1/2 BPSK	270	0	20.53	20.58	20.28			
100	QPSK	1	1	21.07	21.19	20.98	22.0	0.0	
100	QPSK	1	137	20.71	20.85	20.60	22.0	0.0	
100	QPSK	1	271	20.98	20.71	20.48			
100	QPSK	135	0	20.52	20.58	19.98			
100	QPSK	135	69	20.77	20.90	20.68	22.0	0.0	
100	QPSK	135	138	19.94	19.99	19.66			
100	QPSK	270	0	19.94	20.05	19.70	21.0	1.0	
100	16QAM	1	1	20.30	20.23	19.90	21.0	1.0	
100	64QAM	1	1	18.48	18.51	18.30	19.5	2.5	
100	256QAM	1	1	17.13	17.18	16.96	17.5	4.5	
Channel									
Frequency (MHz)				505200	518998	529998	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	21.03	21.16	20.88	22.0	0.0	
Channel									
Frequency (MHz)				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	20.95	21.15	20.75	22.0	0.0	
Channel									
Frequency (MHz)				505202	518998	531000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	21.01	21.17	20.90	22.0	0.0	
Channel									
Frequency (MHz)				505200	518998	531996	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	20.92	21.13	20.76	22.0	0.0	
Channel									
Frequency (MHz)				502202	518998	534000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	21.01	21.10	20.87	22.0	0.0	
Channel									
Frequency (MHz)				502704	518998	534498	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	20.98	21.13	20.78	22.0	0.0	
Channel									
Frequency (MHz)				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	21.11	21.02	20.74	22.0	0.0	
Channel									
Frequency (MHz)				500204	518998	535998	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	21.03	21.08	20.75	22.0	0.0	
Channel									
Frequency (MHz)				2503.5	2552.99	2632.48	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	20.93	21.05	20.84	22.0	0.0	
Channel									
Frequency (MHz)				502022	518998	537000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	21.02	21.13	20.81	22.0	0.0	

Part270_n77_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				3750	3840	3900				
100	P1/2 BPSK	1	1	20.71	21.04	20.91	22.0	0.0		
100	P1/2 BPSK	1	137	20.66	21.06	20.94				
100	P1/2 BPSK	1	241	20.73	21.06	20.92				
100	P1/2 BPSK	135	0	20.65	21.08	21.01	22.0	0.0		
100	P1/2 BPSK	135	69	20.60	21.02	20.89	22.0	0.0		
100	P1/2 BPSK	135	138	20.67	21.01	20.86	22.0	0.0		
100	P1/2 BPSK	270	0	20.67	21.02	20.91				
100	QPSK	1	1	20.75	21.07	20.98				
100	QPSK	1	137	20.56	20.97	20.84	22.0	0.0		
100	QPSK	1	271	20.88	21.05	20.95				
100	QPSK	135	0	19.92	20.21	20.08				
100	QPSK	135	69	20.55	20.98	20.95	22.0	0.0		
100	QPSK	135	138	19.93	20.37	20.26				
100	QPSK	270	0	19.89	20.28	20.18	21.0	1.0		
100	16QAM	1	1	19.81	19.98	19.88	21.0	1.0		
100	64QAM	1	1	18.34	18.73	18.70	19.5	2.5		
100	256QAM	1	1	17.34	17.74	17.63	18.0	4.0		
Channel				646668	656000	662332				
Frequency (MHz)				3165.662	3840	3954.45				
90	QPSK	1	1	20.65	20.99	20.81	22.0	0.0		
Channel				646334	656000	662696				
Frequency (MHz)				3740.01	3840	3938.99				
80	QPSK	1	1	20.65	20.94	20.89	22.0	0.0		
Channel				646000	656000	663000				
Frequency (MHz)				3735	3840	3945				
70	QPSK	1	1	20.62	20.95	20.92	22.0	0.0		
Channel				646068	656000	663332				
Frequency (MHz)				3730.02	3840	3949.98				
60	QPSK	1	1	20.64	21.06	20.88	22.0	0.0		
Channel				646334	656000	663666				
Frequency (MHz)				3729.01	3840	3954.99				
50	QPSK	1	1	20.63	21.01	20.89	22.0	0.0		
Channel				646000	656000	664000				
Frequency (MHz)				3728.01	3840	3953.99				
40	QPSK	1	1	20.60	21.05	20.83	22.0	0.0		
Channel				647668	656000	664332				
Frequency (MHz)				3716.02	3840	3954.98				
30	QPSK	1	1	20.71	20.92	20.88	22.0	0.0		
Channel				647334	656000	664666				
Frequency (MHz)				3710.01	3840	3959.99				
20	QPSK	1	1	20.65	20.98	20.92	22.0	0.0		
Channel				647168	656000	664932				
Frequency (MHz)				3707.52	3840	3972.48				
15	QPSK	1	1	20.66	20.99	20.82	22.0	0.0		
Channel				647005	656000	665000				
Frequency (MHz)				3705	3840	3974				
10	QPSK	1	1	20.62	20.94	20.84	22.0	0.0		

Part270(HPUE)_n77_Ant 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				37500	38400	39200					
100	P1/2 BPSK	1	1	22.49	23.03	22.87	24.0	0.0			
100	P1/2 BPSK	1	137	22.36	23.01	22.84					
100	P1/2 BPSK	1	271	22.38	22.92	22.72					
100	P1/2 BPSK	135	0	22.44	22.98	22.82	23.5	0.5			
100	P1/2 BPSK	135	69	22.39	23.01	22.82	24.0	0.0			
100	P1/2 BPSK	135	138	22.26	22.89	22.72	23.5	0.5			
100	P1/2 BPSK	270	0	22.37	22.97	22.73					
100	QPSK	1	1	22.49	23.06	22.82					
100	QPSK	1	137	22.22	22.83	22.66	24.0	0.0			
100	QPSK	1	271	22.41	22.96	22.77					
100	QPSK	135	0	21.98	22.19	21.96					
100	QPSK	135	69	22.30	22.92	22.76	24.0	0.0			
100	QPSK	135	138	21.95	22.10	21.85					
100	QPSK	270	0	21.97	22.08	21.94	23.0	1.0			
100	16QAM	1	1	21.40	21.95	21.73	23.0	1.0			
100	64QAM	1	1	19.96	20.58	20.37	21.5	2.5			
100	256QAM	1	1	19.26	19.82	19.60	20.0	4.0			
Channel											
Frequency (MHz)				364958	366000	366232					
Channel				316452	316452	316452					
50	QPSK	1	1	22.41	22.99	22.77	24.0	0.0			
Channel				364334	366000	366266					
Frequency (MHz)				174313	174313	174313					
80	QPSK	1	1	22.48	23.38	22.78	24.0	0.0			
Channel											
Frequency (MHz)				37500	38400	39200					
70	QPSK	1	1	22.43	22.98	22.87	24.0	0.0			
Channel											
Frequency (MHz)				3730.02	3840	3949.98					
60	QPSK	1	1	22.38	23.03	22.71	24.0	0.0			
Channel											
Frequency (MHz)				3750.13	3840	3959.86					
50	QPSK	1	1	22.44	22.93	22.87	24.0	0.0			
Channel											
Frequency (MHz)				364800	366000	366400					
40	QPSK	1	1	22.47	23.04	22.88	24.0	0.0			
Channel											
Frequency (MHz)				364768	366000	364332					
30	QPSK	1	1	22.40	22.99	22.87	24.0	0.0			
Channel											
Frequency (MHz)				3473.23	366000	364668					
20	QPSK	1	1	3710.01	3840	3969.99	24.0	0.0			
Channel											
Frequency (MHz)				3730.52	3840	3972.48					
15	QPSK	1	1	22.44	23.03	22.89	24.0	0.0			
Channel											
Frequency (MHz)				3647000	366000	366500					
10	QPSK	1	1	22.47	23.05	22.78	24.0	0.0			



Part270(HPUe)_n77_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)	
Channel									
100	QPSK	1	1	65000	65000	65000			
Frequency (MHz)									
100	PI2 BPSK	1	1	26.07	26.40	26.34			
100	PI2 BPSK	1	137	26.12	26.43	26.39	27.0	0.0	
100	PI2 BPSK	1	271	25.88	26.33	26.21			
100	PI2 BPSK	135	0	25.96	26.37	26.28			
100	PI2 BPSK	135	69	26.09	26.43	26.37	27.0	0.0	
100	PI2 BPSK	135	138	26.02	26.35	26.20			
100	QPSK	270	0	26.28	26.40	26.26			
100	QPSK	1	1	26.12	26.47	26.30			
100	QPSK	1	137	26.01	26.38	26.34	27.0	0.0	
100	QPSK	1	271	26.03	26.43	26.32			
100	QPSK	135	0	26.01	26.40	26.27			
100	QPSK	135	69	26.15	26.44	26.37	27.0	0.0	
100	QPSK	135	138	26.09	26.41	26.29			
100	QPSK	270	0	26.07	26.41	26.23			
160AM	1	1	1	26.02	26.44	26.30	27.0	0.0	
160AM	1	1	137	26.13	26.43	26.35	27.0	0.0	
160AM	1	1	271	26.23	26.73	26.49	26.0	2.0	
100	256QAM	1	1	22.89	23.27	23.26	23.5	3.5	
Channel									
64	QPSK	1	1	64668	65000	66232	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
90	QPSK	1	1	3161.62	3640	3564.58			
90	QPSK	1	1	25.97	26.36	26.27	27.0	0.0	
Channel									
64	QPSK	1	1	649354	650000	662966	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
80	QPSK	1	1	374.03	3640	3568.99			
80	QPSK	1	1	26.10	26.34	26.27	27.0	0.0	
Channel									
70	QPSK	1	1	649000	650000	653005	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
60	QPSK	1	1	37.35	3640	3545			
60	QPSK	1	1	26.09	26.38	26.26	27.0	0.0	
Channel									
60	QPSK	1	1	649000	650000	643332	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
60	QPSK	1	1	370.02	3640	3549.98			
Channel									
60	QPSK	1	1	25.97	26.42	26.28	27.0	0.0	
Frequency (MHz)									
50	QPSK	1	1	649000	650000	650000	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
50	QPSK	1	1	376.01	3640	3565.99			
50	QPSK	1	1	25.99	26.37	26.37	27.0	0.0	
Channel									
40	QPSK	1	1	648000	656000	664000	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
40	QPSK	1	1	26.00	26.41	26.37	27.0	0.0	
Channel									
30	QPSK	1	1	647668	650000	664332	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
30	QPSK	1	1	3716.02	3640	3564.58			
30	QPSK	1	1	26.07	26.37	26.30	27.0	0.0	
Channel									
20	QPSK	1	1	647232	650000	646000	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
20	QPSK	1	1	26.02	26.35	26.27	27.0	0.0	
Channel									
15	QPSK	1	1	647005	650000	647005	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
15	QPSK	1	1	26.02	26.42	26.31	27.0	0.0	
Channel									
10	QPSK	1	1	647005	650000	650000	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
10	QPSK	1	1	26.08	26.33	26.36	27.0	0.0	

Part270_n77_Ant 6									
DW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [F/MHz]	Power High Ch [F/MHz]	Power Low Ch [F/MHz]	Power High Ch [F/MHz]	Time-up limit (dBm)	MPR (dB)
Channel				660000	666000	660000	662000		
Frequency (MHz)				1	1	1	1		
100	P22 BPSK	1	1	22.30	22.84	22.84	22.85		
100	P12 BPSK	1	127	22.42	22.49	22.69	22.70	24.0	0.0
100	P12 BPSK	1	131	22.48	22.41	22.37			
100	P22 BPSK	135	0	22.38	22.73	22.83	22.83		
100	P22 BPSK	135	69	22.31	22.61	22.67	22.67		
100	P12 BPSK	135	138	22.25	22.47	22.50	22.50	24.0	0.0
100	QPSK	270	0	22.39	22.83	22.70			
100	QPSK	1	1	22.41	22.66	22.67	22.67		
100	QPSK	1	137	22.41	22.66	22.61	22.61	24.0	0.0
100	QPSK	1	271	22.09	22.36	22.33			
100	QPSK	135	0	22.42	22.64	22.63	22.63		
100	QPSK	135	69	22.41	22.64	22.63	22.63	24.0	0.0
100	QPSK	135	138	22.21	22.45	22.45			
100	QPSK	270	0	22.40	22.64	22.69	22.69		
100	16QAM	1	1	22.38	22.58	22.57	22.57	24.0	0.0
100	64QAM	1	1	22.01	22.22	22.28	23.0		
100	256QAM	1	1	20.17	20.49	20.57	21.0		
Channel				649598	656000	662332			
Frequency (MHz)				7165.62	7165.62	7165.62			
90	QPSK	1	1	22.48	22.77	22.95	24.0	0.0	
Channel				649334	656000	662666			
Frequency (MHz)				7143.31	7143.31	7143.31			
80	QPSK	1	1	22.40	22.74	22.85	24.0	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				7135	7135	7135			
70	QPSK	1	1	22.46	22.75	22.95	24.0	0.0	
Channel				648699	656000	663332			
Frequency (MHz)				7130.62	7130.62	7130.62			
60	QPSK	1	1	22.54	22.72	22.87	24.0	0.0	
Channel				648333	656000	663666			
Frequency (MHz)				7125.61	7125.61	7125.61			
50	QPSK	1	1	22.47	22.83	22.82	24.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				7120	7120	7120			
40	QPSK	1	1	22.50	22.86	22.93	24.0	0.0	
Channel				647668	656000	664332			
Frequency (MHz)				7115.62	7115.62	7115.62			
30	QPSK	1	1	22.41	22.80	22.84	24.0	0.0	
Channel				647333	656000	664666			
Frequency (MHz)				7110.61	7110.61	7110.61			
20	QPSK	1	1	22.53	22.75	22.82	24.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				7105.62	7105.62	7105.62			
15	QPSK	1	1	22.42	22.82	22.90	24.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				7105	7105	7105			
10	QPSK	1	1	22.44	22.73	22.90	24.0	0.0	



Part270(HPUE)_n77_Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
				3750	3840	3930			
100	P1/2 BPSK	1	1	25.28	25.84	26.64	27.0	0.0	
100	P1/2 BPSK	1	137	25.24	25.83	26.64			
100	P1/2 BPSK	1	271	25.20	25.72	25.48			
100	P1/2 BPSK	135	0	25.10	25.70	26.54			
100	P1/2 BPSK	135	69	25.23	25.83	26.07	27.0	0.0	
100	P1/2 BPSK	135	138	25.08	25.66	26.54	27.0	0.0	
100	P1/2 BPSK	270	0	25.26	25.77	26.63	27.0	0.0	
100	QPSK	1	1	25.34	25.88	26.05			
100	QPSK	1	137	25.22	25.83	26.58			
100	QPSK	1	271	25.25	25.79	26.64			
100	QPSK	135	0	24.98	25.23	25.01	27.0	0.0	
100	QPSK	135	69	25.20	25.85	26.05			
100	QPSK	135	138	24.86	25.18	26.00			
100	QPSK	270	0	24.91	25.22	26.05			
100	16QAM	1	1	24.79	25.33	25.19	26.5	0.5	
100	64QAM	1	1	23.13	23.53	23.33	26.0	2.0	
100	256QAM	1	1	21.43	22.06	21.81	23.0	4.0	
Channel									
Frequency (MHz)									
				3745.02	3840	3934.98	Tune-up limit	MPR (dB)	
90	QPSK	1	1	25.20	25.81	26.03	27.0	0.0	
Channel									
Frequency (MHz)									
				649334	656000	662666	Tune-up limit	MPR (dB)	
80	QPSK	1	1	25.24	25.73	25.91	27.0	0.0	
Channel									
Frequency (MHz)									
				649000	656000	663000	Tune-up limit	MPR (dB)	
70	QPSK	1	1	25.13	25.13	26.42	27.0	0.0	
Channel									
Frequency (MHz)									
				648968	656000	663332	Tune-up limit	MPR (dB)	
60	QPSK	1	1	25.12	25.70	26.52	27.0	0.0	
Channel									
Frequency (MHz)									
				647334	656000	663666	Tune-up limit	MPR (dB)	
50	QPSK	1	1	25.21	25.81	26.58	27.0	0.0	
Channel									
Frequency (MHz)									
				648000	656000	664000	Tune-up limit	MPR (dB)	
40	QPSK	1	1	25.33	25.73	26.61	27.0	0.0	
Channel									
Frequency (MHz)									
				647668	656000	664332	Tune-up limit	MPR (dB)	
30	QPSK	1	1	25.29	25.85	26.64	27.0	0.0	
Channel									
Frequency (MHz)									
				647334	656000	664666	Tune-up limit	MPR (dB)	
20	QPSK	1	1	25.29	25.75	26.58	27.0	0.0	
Channel									
Frequency (MHz)									
				647168	656000	664832	Tune-up limit	MPR (dB)	
15	QPSK	1	1	25.20	25.77	26.66	27.0	0.0	
Channel									
Frequency (MHz)									
				3705	3840	3975	Tune-up limit	MPR (dB)	
10	QPSK	1	1	25.19	25.81	26.52	27.0	0.0	

Part270_n77_Ant 9											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
				3750	3840	3900					
100	P1/2 BPSK	1	1	20.09	20.40	20.81	21.0	0.0			
100	P1/2 BPSK	1	137	20.10	20.43	20.51					
100	P1/2 BPSK	1	241	20.10	20.44	20.63					
100	P1/2 BPSK	135	0	20.20	20.37	20.64					
100	P1/2 BPSK	135	69	20.11	20.46	20.53	21.0	0.0			
100	P1/2 BPSK	135	138	20.18	20.38	20.81	21.0	0.0			
100	P1/2 BPSK	270	0	20.11	20.39	20.60	21.0	0.0			
100	QPSK	1	1	20.21	20.50	20.66					
100	QPSK	1	137	20.09	20.39	20.60					
100	QPSK	1	271	20.16	20.36	20.56					
100	QPSK	135	0	20.11	20.37	20.53	21.0	0.0			
100	QPSK	135	69	20.17	20.45	20.60					
100	QPSK	135	138	20.08	20.39	20.58					
100	QPSK	270	0	20.20	20.46	20.50					
100	16QAM	1	1	20.15	20.48	20.57	21.0	0.0			
100	64QAM	1	1	19.35	19.76	19.81	21.0	0.0			
100	256QAM	1	1	17.99	18.40	18.39	19.5	1.5			
Channel											
Frequency (MHz)											
				646668	656000	662332	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
				3745.02	3840	3934.98	(dBm)	(dB)			
90	QPSK	1	1	20.16	20.48	20.53	21.0	0.0			
Channel											
Frequency (MHz)											
				648334	656000	662666	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
				3740.01	3840	3939.99	(dBm)	(dB)			
80	QPSK	1	1	20.12	20.43	20.64	21.0	0.0			
Channel											
Frequency (MHz)											
				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
				3735	3840	3945	(dBm)	(dB)			
70	QPSK	1	1	20.15	20.43	20.57	21.0	0.0			
Channel											
Frequency (MHz)											
				648968	656000	663332	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
				3730.02	3840	3949.98	(dBm)	(dB)			
60	QPSK	1	1	20.15	20.44	20.53	21.0	0.0			
Channel											
Frequency (MHz)											
				648933	656000	663000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
				3725.01	3840	3954.99	(dBm)	(dB)			
50	QPSK	1	1	20.19	20.43	20.51	21.0	0.0			
Channel											
Frequency (MHz)											
				648900	656000	664000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
				3740	3840	3950	(dBm)	(dB)			
40	QPSK	1	1	20.08	20.47	20.57	21.0	0.0			
Channel											
Frequency (MHz)											
				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
				3715.02	3840	3944.98	(dBm)	(dB)			
30	QPSK	1	1	20.18	20.38	20.52	21.0	0.0			
Channel											
Frequency (MHz)											
				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
				3710.01	3840	3969.99	(dBm)	(dB)			
20	QPSK	1	1	20.11	20.47	20.55	21.0	0.0			
Channel											
Frequency (MHz)											
				647166	656000	664832	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
				3707.52	3840	3972.48	(dBm)	(dB)			
15	QPSK	1	1	20.14	20.47	20.64	21.0	0.0			
Channel											
Frequency (MHz)											
				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
				3700	3840	3978	(dBm)	(dB)			
10	QPSK	1	1	20.06	20.26	20.57	21.0	0.0			
Channel											
Frequency (MHz)											



Part270_n78_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	650000				
100	PI2 BPSK	1	1	19.26			20.0	0.0	
100	PI2 BPSK	1	137	19.27					
100	PI2 BPSK	1	271	19.24					
100	PI2 BPSK	135	0	19.19			19.5	0.5	
100	PI2 BPSK	135	69	19.21			20.0	0.0	
100	PI2 BPSK	135	138	19.16			19.5	0.5	
100	PI2 BPSK	270	0	19.24					
100	QPSK	1	1	19.29			20.0	0.0	
100	QPSK	1	137	19.84					
100	QPSK	1	271	19.83					
100	QPSK	135	0	19.12			20.0	0.0	
100	QPSK	135	69	19.72					
100	QPSK	135	138	19.05					
100	QPSK	270	0	18.88			19.0	1.0	
100	16QAM	1	1	19.29			19.0	1.0	
100	64QAM	1	1	19.72			19.0	2.0	
100	256QAM	1	1	19.88			17.0	3.0	
Channel				649568	650000	650332	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	19.27	19.22	19.16	20.0	0.0	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3749.01	3750	3749.99			
80	QPSK	1	1	19.16	19.23	19.22	20.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	19.29	19.16	19.27	20.0	0.0	
Channel				648968	650000	651332	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3750.02	3750	3749.98			
60	QPSK	1	1	19.20	19.14	19.23	20.0	0.0	
Channel				649334	650000	651666	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	19.15	19.18	19.16	20.0	0.0	
Channel				649000	650000	652000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3750	3750	3750			
40	QPSK	1	1	19.25	19.17	19.22	20.0	0.0	
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3718.02	3750	3784.98			
30	QPSK	1	1	19.16	19.26	19.16	20.0	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	19.14	19.15	19.27	20.0	0.0	
Channel				647168	650000	652532	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3707.52	3750	3792.48			
15	QPSK	1	1	19.18	19.19	19.26	20.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	19.20	19.23	19.16	20.0	0.0	

Part270(HPUPE)_n78_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				650000	650000	650000			
100	PI2 BPSK	1	1	3750		3750			
100	PI2 BPSK	1	137		21.05		22.0	0.0	
100	PI2 BPSK	1	241		21.03				
100	PI2 BPSK	135	0		21.08				
100	PI2 BPSK	135	69		21.07		22.0	0.0	
100	PI2 BPSK	135	138		21.04		21.5	0.5	
100	PI2 BPSK	270	0		21.06				
100	QPSK	1	1		21.09		22.0	0.0	
100	QPSK	1	137		20.79				
100	QPSK	1	271		20.41				
100	QPSK	135	0		20.96		22.0	0.0	
100	QPSK	135	69		20.82				
100	QPSK	135	138		19.72				
100	QPSK	270	0		19.94		21.0	1.0	
100	16QAM	1	1		20.12		21.0	1.0	
100	64QAM	1	1		19.42		19.5	2.5	
100	256QAM	1	1		17.99		18.0	4.0	
Channel				646568	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	21.00	21.07	20.95	22.0	0.0	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3749.01	3750	3749.99			
80	QPSK	1	1	21.05	20.99	20.97	22.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	20.98	21.02	20.94	22.0	0.0	
Channel				648968	650000	651332	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3750.02	3750	3749.98			
60	QPSK	1	1	21.04	20.98	21.05	22.0	0.0	
Channel				649334	650000	651666	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	20.97	21.00	21.05	22.0	0.0	
Channel				649000	650000	652000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3750	3750	3750			
40	QPSK	1	1	20.97	20.98	21.06	22.0	0.0	
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3718.02	3750	3784.98			
30	QPSK	1	1	21.08	20.97	21.03	22.0	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	21.03	20.96	21.02	22.0	0.0	
Channel				647168	650000	652532	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3707.52	3750	3792.48			
15	QPSK	1	1	20.94	21.00	21.00	22.0	0.0	
Channel				647000	650000	652000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	20.95	20.95	21.00	22.0	0.0	

Part270_n78_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750					
100	PI2 BPSK	1	1	22.88			24.0	0.0	
100	PI2 BPSK	1	137	22.96					
100	PI2 BPSK	1	271	23.04					
100	PI2 BPSK	135	0	22.95			24.0	0.0	
100	PI2 BPSK	135	69	22.96			24.0	0.0	
100	PI2 BPSK	135	138	23.03			24.0	0.0	
100	PI2 BPSK	270	0	22.92					
100	QPSK	1	1	23.11			24.0	0.0	
100	QPSK	1	137	23.05					
100	QPSK	1	271	23.03					
100	QPSK	135	0	22.96			24.0	0.0	
100	QPSK	135	69	23.04					
100	QPSK	135	138	23.01					
100	QPSK	270	0	23.01			24.0	0.0	
100	16QAM	1	1	22.95			24.0	0.0	
100	64QAM	1	1	21.88			22.5	1.5	
100	256QAM	1	1	20.85			21.5	2.5	
Channel				648968	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	23.07	23.02	23.02	24.0	0.0	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3749.01	3750	3749.99			
80	QPSK	1	1	23.03	23.01	23.00	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	23.05	22.98	22.97	24.0	0.0	
Channel				648968	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3750.02	3750	3749.98			
60	QPSK	1	1	22.97	23.04	23.09	24.0	0.0	
Channel				649334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	23.09	23.02	23.06	24.0	0.0	
Channel				649000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3750	3750	3750			
40	QPSK	1	1	22.98	23.05	23.07	24.0	0.0	
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1	23.02	23.06	23.08	24.0	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	23.10	22.96	23.10	24.0	0.0	
Channel				647000	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.48			
15	QPSK	1	1	23.09	23.03	23.06	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	23.03	23.10	23.05	24.0	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								
Frequency (MHz)								
100	PI2 BPSK	1	1	3750	3750	3750		
100	PI2 BPSK	1	137	25.77			27.0	0.0
100	PI2 BPSK	1	241	25.84				
100	PI2 BPSK	135	0	25.82			26.5	0.5
100	PI2 BPSK	135	69	25.81			27.0	0.0
100	PI2 BPSK	135	138	25.84			26.5	0.5
100	PI2 BPSK	270	0	25.81				
100	QPSK	1	1	25.85				
100	QPSK	1	137	25.84			27.0	0.0
100	QPSK	1	271	25.99				
100	QPSK	135	0	25.13				
100	QPSK	135	69	25.81			27.0	0.0
100	QPSK	135	138	24.88				
100	QPSK	270	0	25.01			26.0	1.0
100	16QAM	1	1	25.33			26.0	1.0
100	64QAM	1	1	23.32			24.5	2.5
100	256QAM	1	1	22.38			22.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	25.79	25.74	25.70	27.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	25.80	25.81	25.84	27.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	25.10	25.13	25.72	27.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	25.13	25.76	25.81	27.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	25.79	25.73	25.80	27.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	25.79	25.70	25.82	27.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	25.76	25.71	25.80	27.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	25.71	25.81	25.76	27.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	25.78	25.81	25.76	27.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	25.79	25.79	25.81	27.0	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								
Frequency (MHz)								
100	PI2 BPSK	1	1	22.63				
100	PI2 BPSK	1	137	22.73			24.0	0.0
100	PI2 BPSK	1	241	22.76				
100	PI2 BPSK	135	0	22.72			24.0	0.0
100	PI2 BPSK	135	69	22.69			24.0	0.0
100	PI2 BPSK	135	138	22.66			24.0	0.0
100	PI2 BPSK	270	0	22.63				
100	QPSK	1	1	22.62				
100	QPSK	1	137	22.62			24.0	0.0
100	QPSK	1	271	22.75				
100	QPSK	135	0	22.69				
100	QPSK	135	69	22.77			24.0	0.0
100	QPSK	135	138	22.68				
100	QPSK	270	0	22.66			24.0	0.0
100	16QAM	1	1	22.01			23.5	0.5
100	64QAM	1	1	21.19			22.5	1.5
100	256QAM	1	1	20.08			21.5	2.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	22.69	22.70	22.79	24.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.67	22.74	22.78	24.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	22.76	22.75	22.80	24.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.80	22.68	22.79	24.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	22.72	22.81	22.70	24.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.67	22.75	22.74	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.81	22.76	22.71	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.12	22.81	22.68	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.79	22.79	22.81	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.69	22.69	22.75	24.0	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								
Frequency (MHz)								
100	PI2 BPSK	1	1	25.58				
100	PI2 BPSK	1	137	25.84			27.0	0.0
100	PI2 BPSK	1	241	25.75				
100	PI2 BPSK	135	0	25.56			26.5	0.5
100	PI2 BPSK	135	69	25.84			27.0	0.0
100	PI2 BPSK	135	138	25.53			26.5	0.5
100	PI2 BPSK	270	0	25.49				
100	QPSK	1	1	25.78				
100	QPSK	1	137	25.68			27.0	0.0
100	QPSK	1	271	25.52				
100	QPSK	135	0	25.88				
100	QPSK	135	69	25.71			27.0	0.0
100	QPSK	135	138	24.91				
100	QPSK	270	0	24.99			26.0	1.0
100	16QAM	1	1	24.74			26.0	1.0
100	64QAM	1	1	24.5			24.5	2.5
100	256QAM	1	1	22.01			22.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	25.83	25.68	25.66	27.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	25.72	25.73	25.77	27.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	25.65	25.65	25.63	27.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	25.71	25.66	25.72	27.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	25.83	25.69	25.76	27.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	25.67	25.74	25.69	27.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	25.72	25.70	25.72	27.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	25.70	25.64	25.63	27.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	25.76	25.67	25.77	27.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	25.67	25.71	25.70	27.0	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									
Frequency (MHz)									
100	P22 BPSK	1	1		20.09				
100	P22 BPSK	1	137		20.26		21.0	0.0	
100	P22 BPSK	1	271		20.13				
100	P22 BPSK	135	0		20.22		21.0	0.0	
100	P22 BPSK	135	69		20.27		21.0	0.0	
100	P22 BPSK	135	138		20.23		21.0	0.0	
100	P22 BPSK	270	0		20.20				
100	QPSK	1	1		20.35				
100	QPSK	1	137		20.14		21.0	0.0	
100	QPSK	1	271		20.05				
100	QPSK	135	0		19.25				
100	QPSK	135	69		20.12		21.0	0.0	
100	QPSK	135	138		19.22				
100	QPSK	270	0		19.22		20.0	1.0	
100	16QAM	1	1		19.32		20.0	1.0	
100	64QAM	1	1		17.73		18.5	2.5	
100	256QAM	1	1		17.08		17.5	3.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	64986	65000	650332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	649334	65000	650966	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	QPSK	1	1	648600	65000	651000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	1	648000	65000	651332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	1	647334	65000	650966	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	1	647008	65000	652332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	1	647008	65000	652332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	1	647008	65000	652332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	647008	65000	652332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	1	647008	65000	652332	Tune-up limit (dBm)	MPR (dB)	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1		21.91				
100	P22 BPSK	1	137		22.08		23.0	0.0	
100	P22 BPSK	1	271		22.25				
100	P22 BPSK	135	0		21.79		22.5	0.5	
100	P22 BPSK	135	69		22.05		23.0	0.0	
100	P22 BPSK	135	138		21.79		22.5	0.5	
100	P22 BPSK	270	0		21.73				
100	QPSK	1	1		22.35				
100	QPSK	1	137		22.25		23.0	0.0	
100	QPSK	1	271		22.15				
100	QPSK	135	0		21.47				
100	QPSK	135	69		22.32		23.0	0.0	
100	QPSK	135	138		21.36				
100	QPSK	270	0		21.31		22.0	1.0	
100	16QAM	1	1		21.33		22.0	1.0	
100	64QAM	1	1		18.68		20.5	2.5	
100	256QAM	1	1		18.20		18.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	64986	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	649334	650000	650966	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	QPSK	1	1	648600	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	1	648000	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	1	647334	650000	650966	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	1	647008	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	1	647008	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	1	647008	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	647008	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	1	647008	650000	652332	Tune-up limit (dBm)	MPR (dB)	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)
Channel								
42190				42590	42990	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.68	17.73	17.73		
20	QPSK	1	49	17.72	17.86	17.78	19.5	0
20	QPSK	1	99	17.66	17.84	17.71		
20	QPSK	50	0	17.70	17.85	17.72		
20	QPSK	50	24	17.64	17.83	17.68	19.5	0
20	QPSK	50	50	17.65	17.78	17.69		
20	QPSK	100	0	17.67	17.83	17.66		
20	16QAM	1	49	17.68	17.79	17.73	19.5	0
20	16QAM	1	99	17.65	17.78	17.73		
20	16QAM	50	0	17.70	17.75	17.77		
20	16QAM	50	24	17.72	17.82	17.65	19.5	0
20	16QAM	50	50	17.61	17.83	17.62		
20	16QAM	100	0	17.62	17.84	17.78	19.5	0
20	16QAM	100	0	17.65	17.83	17.69		
20	64QAM	1	0	17.60	17.74	17.67	19.5	0
20	64QAM	1	49	17.76	17.75	17.73		
20	64QAM	1	99	17.73	17.82	17.67		
20	64QAM	50	0	17.12	17.27	17.18		
20	64QAM	50	24	17.36	17.36	17.33	19	0.5
20	64QAM	50	50	17.19	17.25	17.21		
20	64QAM	100	0	17.21	17.33	17.22		
20	256QAM	1	0	15.32	15.35	15.24	17	2.5
20	256QAM	1	49	15.28	15.27	15.18		
20	256QAM	1	99	15.15	15.27	15.18		
20	256QAM	50	0	15.18	15.20	15.17		
20	256QAM	50	24	15.24	15.28	15.22	17	2.5
20	256QAM	50	50	15.24	15.28	15.22		
20	256QAM	100	0	15.24	15.33	15.31		
Channel								
42165				42590	43015		Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3500	3540		
15	QPSK	1	0	17.72	17.85	17.66	19.5	0
15	QPSK	1	37	17.68	17.71	17.67		
15	QPSK	1	74	17.52	17.70	17.61		
15	QPSK	36	0	17.67	17.83	17.63	19.5	0
15	QPSK	36	20	17.61	17.68	17.54		
15	QPSK	36	39	17.63	17.70	17.61		
15	QPSK	75	0	17.60	17.82	17.64		
15	16QAM	1	0	17.71	17.71	17.68	19.5	0
15	16QAM	1	37	17.65	17.67	17.60		
15	16QAM	1	74	17.57	17.63	17.70		
15	16QAM	36	0	17.58	17.66	17.63	19.5	0
15	16QAM	36	20	17.55	17.73	17.58		
15	16QAM	36	39	17.59	17.74	17.72		
15	16QAM	75	0	17.55	17.70	17.66		
15	64QAM	1	0	17.73	17.73	17.65	19.5	0
15	64QAM	1	37	17.73	17.71	17.72		
15	64QAM	1	74	17.59	17.73	17.53		
15	64QAM	36	0	17.14	17.19	17.16	19	0.5
15	64QAM	36	17	17.26	17.27	17.23		
15	64QAM	36	39	17.16	17.17	17.11		
15	64QAM	75	0	17.24	17.35	17.15		
15	256QAM	1	0	15.28	15.31	15.18	17	2.5
15	256QAM	1	37	15.16	15.31	15.22		
15	256QAM	1	74	15.08	15.30	15.21		
15	256QAM	36	0	15.13	15.26	15.08	17	2.5
15	256QAM	36	20	15.16	15.28	15.24		
15	256QAM	36	39	15.19	15.24	15.13		
15	256QAM	75	0	15.20	15.31	15.33		
Channel								
42155				42590	43005		Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.70	17.84	17.66	19.5	0
10	QPSK	1	25	17.61	17.81	17.68		
10	QPSK	1	49	17.60	17.81	17.58		
10	QPSK	25	0	17.58	17.75	17.60	19.5	0
10	QPSK	25	12	17.60	17.74	17.61		
10	QPSK	25	25	17.63	17.73	17.64		
10	QPSK	50	0	17.62	17.75	17.63	19.5	0
10	16QAM	1	0	17.68	17.69	17.72		
10	16QAM	1	25	17.60	17.73	17.71	19.5	0
10	16QAM	1	49	17.62	17.74	17.62		
10	16QAM	25	0	17.57	17.73	17.65	19.5	0
10	16QAM	25	12	17.67	17.68	17.53		
10	16QAM	25	25	17.69	17.80	17.64		
10	64QAM	1	0	17.15	17.27	17.11	19	0.5
10	64QAM	1	25	17.17	17.60	17.36		
10	64QAM	50	0	17.19	17.26	17.24		
10	256QAM	1	0	15.25	15.32	15.25	17	2.5
10	256QAM	1	25	15.19	15.30	15.10		
10	256QAM	1	49	15.15	15.24	15.17		
10	256QAM	25	0	15.11	15.16	15.20	17	2.5
10	256QAM	25	12	15.27	15.26	15.28		
10	256QAM	25	25	15.18	15.29	15.17		
10	256QAM	50	0	15.21	15.29	15.21		
Channel								
42115				42590	43005		Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.72	17.83	17.73	19.5	0
5	QPSK	1	12	17.60	17.82	17.65		
5	QPSK	12	0	17.59	17.73	17.64		
5	QPSK	12	7	17.56	17.76	17.54	19.5	0
5	QPSK	12	13	17.63	17.68	17.63		
5	QPSK	25	0	17.56	17.77	17.61		
5	16QAM	1	0	17.68	17.71	17.60	19.5	0
5	16QAM	1	12	17.66	17.75	17.67		
5	16QAM	12	0	17.62	17.73	17.58		
5	16QAM	12	7	17.54	17.80	17.51	19.5	0
5	16QAM	12	13	17.68	17.62	17.77		
5	16QAM	25	0	17.54	17.80	17.63		
5	64QAM	1	0	17.67	17.64	17.57	19.5	0
5	64QAM	1	12	17.75	17.66	17.59		
5	64QAM	12	0	17.69	17.68	17.58		
5	64QAM	12	0	17.02	17.30	17.11	19	0.5
5	64QAM	12	7	17.37	17.28	17.35		
5	64QAM	12	13	17.18	17.24	17.20		
5	64QAM	25	0	17.23	17.37	17.18	17	2.5
5	256QAM	1	0	15.32	15.38	15.23		
5	256QAM	1	12	15.19	15.30	15.14	17	2.5
5	256QAM	1	24	15.13	15.25	15.10		
5	256QAM	12	0	15.14	15.12	15.10		
5	256QAM	12	7	15.23	15.32	15.26	17	2.5
5	256QAM	12	13	15.23	15.25	15.23		
5	256QAM	25	0	15.25	15.32	15.25		

Reduced Power Mode for DSI 2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)
Channel								
42190				42590	42990			
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.36	22.34	22.32	23	0
20	QPSK	1	49	22.34	22.38	22.34		
20	QPSK	1	99	22.38	22.45	22.40		
20	QPSK	50	0	22.41	22.45	22.43	23	0
20	QPSK	50	24	22.42	22.41	22.41		
20	QPSK	50	50	22.35	22.33	22.29		
20	QPSK	100	0	22.31	22.43	22.43		
20	16QAM	1	0	22.36	22.34	22.32	23	0
20	16QAM	1	49	22.33	22.34	22.35		
20	16QAM	1	99	22.45	22.34	22.39		
20	16QAM	50	0	22.45	22.33	22.38		
20	16QAM	50	24	22.42	22.40	22.43	23	0
20	16QAM	50	50	22.36	22.46	22.38		
20	16QAM	100	0	22.44	22.35	22.36		
20	64QAM	1	0	22.43	22.36	22.37	23	0
20	64QAM	1	49	22.44	22.46	22.37		
20	64QAM	1	99	22.40	22.40	22.38		
20	64QAM	50	0	22.20	22.22	22.11		
20	64QAM	50	24	22.19	22.18	22.19	22.5	0.5
20	64QAM	50	50	22.15	22.26	22.19		
20	64QAM	100	0	22.18	22.23	22.10		
20	256QAM	1	0	19.82	19.92	19.91	20	3
20	256QAM	36	0	19.79	19.83	19.80		
20	256QAM	1	99	19.81	19.83	19.80		
20	256QAM	50	0	19.63	19.77	19.70		
20	256QAM	50	24	19.70	19.75	19.70	20	3
20	256QAM	50	50	19.73	19.79	19.71		
20	256QAM	100	0	19.70	19.85	19.78		
Channel								
42165				42590	43015		Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3500	3540		
15	QPSK	1	0	22.37	22.42	22.37	23	0
15	QPSK	1	37	22.33	22.38	22.25		
15	QPSK	1	74	22.37	22.38	22.27		
15	QPSK	36	0	22.36	22.39	22.33	23	0
15	QPSK	36	20	22.22	22.32	22.18		
15	QPSK	36	39	22.25	22.29	22.26		
15	QPSK	75	0	22.22	22.42	22.30		
15	16QAM	1	0	22.32	22.24	22.13	23	0
15	16QAM	1	37	22.24	22.33	22.23		
15	16QAM	1	74	22.33	22.27	22.28		

n26_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164500	Power Middle Ch. / Freq. 165000	Power High Ch. / Freq. 167000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	PQ2 BPSK	1	1	22.98	23.12	23.10	24.0	0.0			
20	PQ2 BPSK	1	53	22.98	23.08	22.99					
20	PQ2 BPSK	1	104	22.93	22.96	22.88					
20	PQ2 BPSK	50	0	22.99	23.11	23.03	24.0	0.0			
20	PQ2 BPSK	50	28	22.98	23.03	23.00	24.0	0.0			
20	PQ2 BPSK	50	56	22.93	23.06	23.00	24.0	0.0			
20	PQ2 BPSK	100	0	22.97	23.05	23.02					
20	QPSK	1	1	23.12	23.18	23.05					
20	QPSK	1	53	22.89	23.02	22.87	24.0	0.0			
20	QPSK	1	104	22.87	22.92	22.83	24.0	0.0			
20	QPSK	50	0	22.95	23.07	22.94					
20	QPSK	50	28	23.07	23.11	23.03					
20	QPSK	50	56	22.90	23.04	22.92	24.0	0.0			
20	QPSK	100	0	22.95	23.05	23.04	24.0	0.0			
20	16QAM	1	1	22.95	23.11	23.07					
20	64QAM	1	1	21.54	21.68	21.56	22.5	1.5			
20	256QAM	1	1	20.03	20.07	19.99	21.0	3.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	22.98	23.09	22.98	24.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	22.98	23.03	22.98	24.0	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	23.10	23.05	23.03	24.0	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164500	Power Middle Ch. / Freq. 165000	Power High Ch. / Freq. 167000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	PQ2 BPSK	1	1	21.69	21.83	21.81	23.0	0.0			
20	PQ2 BPSK	1	53	21.77	21.78	21.83					
20	PQ2 BPSK	1	104	21.67	21.76	21.79					
20	PQ2 BPSK	50	0	21.70	21.88	21.80	23.0	0.0			
20	PQ2 BPSK	50	28	21.66	21.88	21.74	23.0	0.0			
20	PQ2 BPSK	50	56	21.65	21.80	21.79	23.0	0.0			
20	PQ2 BPSK	100	0	21.66	21.83	21.80					
20	QPSK	1	1	21.79	21.91	21.85					
20	QPSK	1	53	21.73	21.81	21.72	23.0	0.0			
20	QPSK	1	104	21.67	21.85	21.72	23.0	0.0			
20	QPSK	50	0	21.65	21.88	21.70					
20	QPSK	50	28	21.70	21.88	21.83					
20	QPSK	50	56	21.73	21.87	21.81	23.0	0.0			
20	QPSK	100	0	21.65	21.84	21.72	23.0	0.0			
20	16QAM	1	1	21.69	21.88	21.74					
20	64QAM	1	1	21.00	21.07	20.99	22.0	1.0			
20	256QAM	1	1	19.64	19.60	19.64	20.5	2.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	21.65	21.79	21.84	23.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	21.77	21.87	21.81	23.0	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	21.66	21.82	21.75	23.0	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				518004	519000	519996	24.0		
40	PI2 BPSK	1	1	22.51	22.53	22.52	24.0	0.0	
40	PI2 BPSK	1	53	22.50	22.53	22.43			
40	PI2 BPSK	1	104	22.27	22.36	22.30			
40	PI2 BPSK	50	0	21.97	22.12	22.03	23.5	0.5	
40	PI2 BPSK	50	28	22.38	22.52	22.37	24.0	0.0	
40	PI2 BPSK	50	56	21.99	22.06	21.93	23.5	0.5	
40	PI2 BPSK	100	0	22.10	22.11	22.10	23.5	0.5	
40	QPSK	1	1	22.50	22.50	22.57			
40	QPSK	1	53	22.45	22.50	22.38	24.0	0.0	
40	QPSK	1	104	22.19	22.30	22.16			
40	QPSK	50	0	21.93	21.94	21.81			
40	QPSK	50	28	22.46	22.51	22.38	24.0	0.0	
40	QPSK	50	56	21.97	21.46	21.36			
40	QPSK	100	0	21.52	21.55	21.52	23.0	1.0	
40	16QAM	1	1	21.38	21.48	21.38	23.0	1.0	
40	64QAM	1	1	19.83	19.77	19.62	21.5	2.5	
40	256QAM	1	1	18.08	18.21	18.18	19.5	4.5	
Channel									
Frequency (MHz)				517002	518000	520098	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	22.56	22.55	22.54	24.0	0.0	
Channel									
Frequency (MHz)				518504	519000	521498	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	22.51	22.54	22.52	24.0	0.0	
Channel									
Frequency (MHz)				516000	516000	520000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	22.48	22.47	22.50	24.0	0.0	
Channel									
Frequency (MHz)				515502	515500	520498	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	22.53	22.56	22.56	24.0	0.0	
Channel									
Frequency (MHz)				2575.02	2595	2614.98	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.54	22.45	22.44	24.0	0.0	
Channel									
Frequency (MHz)				515000	515000	520000	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	22.51	22.48	22.43	24.0	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									
Frequency (MHz)				5180.04	5190.00	5199.98			
40	PI2 BPSK	1	1	20.23	20.34	20.09	21.0	0.0	
40	PI2 BPSK	1	53	20.24	20.21	20.19			
40	PI2 BPSK	1	104	20.28	20.26	20.10			
40	PI2 BPSK	50	0	20.24	20.34	20.22	21.0	0.0	
40	PI2 BPSK	50	28	20.22	20.28	20.22	21.0	0.0	
40	PI2 BPSK	50	56	20.23	20.34	20.12	21.0	0.0	
40	PI2 BPSK	100	0	20.27	20.28	20.12			
40	QPSK	1	1	20.32	20.36	20.24			
40	QPSK	1	53	20.21	20.26	20.10	21.0	0.0	
40	QPSK	1	104	20.19	20.33	20.16			
40	QPSK	50	0	20.22	20.32	20.10			
40	QPSK	50	28	20.26	20.35	20.20	21.0	0.0	
40	QPSK	50	56	20.12	20.21	20.06			
40	QPSK	100	0	20.27	20.31	20.19	21.0	0.0	
40	16QAM	1	1	20.21	20.34	20.15	21.0	0.0	
40	64QAM	1	1	18.32	18.46	18.41	19.5	1.5	
40	256QAM	1	1	17.07	17.12	17.05	17.5	3.5	
Channel									
Frequency (MHz)				5170.02	5180.00	5200.98	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	20.20	20.30	20.16	21.0	0.0	
Channel									
Frequency (MHz)				5165.04	5165.00	5214.98	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	20.23	20.31	20.20	21.0	0.0	
Channel									
Frequency (MHz)				5160.00	5160.00	5200.00	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	20.20	20.25	20.10	21.0	0.0	
Channel									
Frequency (MHz)				5155.02	5155.00	5204.98	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	20.20	20.32	20.16	21.0	0.0	
Channel									
Frequency (MHz)				5150.04	5150.00	5205.98	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	20.22	20.35	20.14	21.0	0.0	
Channel									
Frequency (MHz)				5145.00	5150.00	5200.00	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	20.18	20.24	20.21	21.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				5062.01	5100.00	5200.00			
100	PI2 BPSK	1	1	22.64	22.75	22.64	24.0	0.0	
100	PI2 BPSK	1	137	22.51	22.63	22.62			
100	PI2 BPSK	1	271	22.48	22.54	22.48			
100	PI2 BPSK	135	0	22.23	22.33	22.29	23.5	0.5	
100	PI2 BPSK	135	69	22.62	22.66	22.58	24.0	0.0	
100	PI2 BPSK	135	138	22.04	22.08	21.93	23.5	0.5	
100	PI2 BPSK	270	0	22.08	22.13	22.02			
100	QPSK	1	1	22.71	22.82	22.68			
100	QPSK	1	137	22.47	22.56	22.42	24.0	0.0	
100	QPSK	1	271	22.50	22.59	22.32			
100	QPSK	135	0	21.76	21.81	21.70			
100	QPSK	135	69	22.67	22.68	22.59	24.0	0.0	
100	QPSK	135	138	21.48	21.58	21.51			
100	QPSK	270	0	21.54	21.63	21.52	23.0	1.0	
100	16QAM	1	1	21.84	21.95	21.89	23.0	1.0	
100	64QAM	1	1	19.76	19.86	19.85	21.5	2.5	
100	256QAM	1	1	18.53	18.56	18.48	19.5	4.5	
Channel									
Frequency (MHz)				5062.00	5100.00	5209.98	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	22.58	22.71	22.63	24.0	0.0	
Channel									
Frequency (MHz)				5072.04	5100.00	5209.98	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	22.57	22.71	22.59	24.0	0.0	
Channel									
Frequency (MHz)				5062.00	5100.00	5310.00	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	22.10	22.78	22.52	24.0	0.0	
Channel									
Frequency (MHz)				5052.00	5100.00	5319.98	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	22.08	22.75	22.51	24.0	0.0	
Channel									
Frequency (MHz)				5042.00	5100.00	5329.98	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	22.59	22.77	22.51	24.0	0.0	
Channel									
Frequency (MHz)				5032.00	5100.00	5340.00	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	22.57	22.78	22.51	24.0	0.0	
Channel									
Frequency (MHz)				5022.04	5100.00	5349.98	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	22.05	22.72	22.59	24.0	0.0	
Channel									
Frequency (MHz)				5022.00	5100.00	5359.98	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	22.18	22.79	22.59	24.0	0.0	
Channel									
Frequency (MHz)				5012.00	5100.00	5369.98	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	22.07	22.78	22.60	24.0	0.0	
Channel									
Frequency (MHz)				5003.00	5100.00	5369.48	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	22.00	22.69	22.51	24.0	0.0	
Channel									
Frequency (MHz)				5002.00	5100.00	5370.00	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	21.93	22.73	22.92	24.0	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										
Frequency (MHz)				2548.01	2552.99	2640				
100	PI2 BPSK	1	1	20.10	20.37	19.89	21.0	0.0		
100	PI2 BPSK	1	137	20.10	20.23	19.91				
100	PI2 BPSK	1	241	20.10	20.32	19.89				
100	PI2 BPSK	135	0	20.05	20.23	19.88				
100	PI2 BPSK	135	69	20.02	20.32	19.99	21.0	0.0		
100	PI2 BPSK	135	138	19.99	20.36	19.90	21.0	0.0		
100	PI2 BPSK	270	0	19.98	20.36	20.01				
100	QPSK	1	1	20.12	20.38	20.03				
100	QPSK	1	137	19.99	20.37	19.92				
100	QPSK	1	271	20.00	20.26	19.86	21.0	0.0		
100	QPSK	135	0	20.01	20.31	19.94				
100	QPSK	135	69	20.00	20.36	19.98				
100	QPSK	135	138	19.94	19.99	19.66				
100	QPSK	270	0	19.94	20.05	19.70	21.0	0.0		
100	16QAM	1	1	20.10	20.23	19.90	21.0	0.0		
100	64QAM	1	1	18.49	18.51	18.30	19.5	1.5		
100	256QAM	1	1	17.13	17.18	16.96	17.5	3.5		
Channel										
Frequency (MHz)				502200	518998	529998	Tune-up limit (dBm)	MPR (dB)		
90	QPSK	1	1	20.06	20.24	19.99	21.0	0.0		
Channel										
Frequency (MHz)				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)		
80	QPSK	1	1	20.10	20.33	19.98	21.0	0.0		
Channel										
Frequency (MHz)				506202	518998	531000	Tune-up limit (dBm)	MPR (dB)		
70	QPSK	1	1	20.10	20.31	19.95	21.0	0.0		
Channel										
Frequency (MHz)				505200	518998	531996	Tune-up limit (dBm)	MPR (dB)		
60	QPSK	1	1	19.99	20.35	19.96	21.0	0.0		
Channel										
Frequency (MHz)				502202	518998	534000	Tune-up limit (dBm)	MPR (dB)		
40	QPSK	1	1	20.08	20.37	20.01	21.0	0.0		
Channel										
Frequency (MHz)				502704	518998	534498	Tune-up limit (dBm)	MPR (dB)		
35	QPSK	1	1	20.00	20.24	19.91	21.0	0.0		
Channel										
Frequency (MHz)				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)		
30	QPSK	1	1	20.11	20.22	20.04	21.0	0.0		
Channel										
Frequency (MHz)				500204	518998	535998	Tune-up limit (dBm)	MPR (dB)		
20	QPSK	1	1	20.00	20.23	19.88	21.0	0.0		
Channel										
Frequency (MHz)				2503.5	2552.99	2602.48	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	1	20.02	20.34	20.01	21.0	0.0		
Channel										
Frequency (MHz)				250200	518998	537000	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	1	20.07	20.37	19.91	21.0	0.0		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				3750	3840	3900				
100	PI2 BPSK	1	1	20.71	21.04	20.91	22.0	0.0		
100	PI2 BPSK	1	137	20.66	21.06	20.94				
100	PI2 BPSK	1	241	20.73	21.06	20.92				
100	PI2 BPSK	135	0	20.65	21.06	21.01				
100	PI2 BPSK	135	69	20.60	21.02	20.89	22.0	0.0		
100	PI2 BPSK	135	138	20.67	21.01	20.86	22.0	0.0		
100	PI2 BPSK	270	0	20.67	21.02	20.91				
100	QPSK	1	1	20.70	21.07	20.96				
100	QPSK	1	137	20.66	20.97	20.84				
100	QPSK	1	271	20.68	21.05	20.86	22.0	0.0		
100	QPSK	135	0	19.92	20.21	20.06				
100	QPSK	135	69	20.50	20.58	20.50				
100	QPSK	135	138	19.93	20.37	20.26				
100	QPSK	270	0	19.89	20.24	20.18	21.0	1.0		
100	16QAM	1	1	19.81	19.86	19.88	21.0	1.0		
100	64QAM	1	1	18.34	18.73	18.70	19.5	2.5		
100	256QAM	1	1	17.34	17.74	17.63	18.0	4.0		
Channel										
Frequency (MHz)				646668	656000	662332	Tune-up limit (dBm)	MPR (dB)		
90	QPSK	1	1	20.65	20.99	20.81	22.0	0.0		
Channel										
Frequency (MHz)				646334	656000	662666	Tune-up limit (dBm)	MPR (dB)		
80	QPSK	1	1	20.65	20.94	20.89	22.0	0.0		
Channel										
Frequency (MHz)				646000	656000	663000	Tune-up limit (dBm)	MPR (dB)		
70	QPSK	1	1	20.62	20.95	20.92	22.0	0.0		
Channel										
Frequency (MHz)				646068	656000	663332	Tune-up limit (dBm)	MPR (dB)		
60	QPSK	1	1	20.64	21.06	20.88	22.0	0.0		
Channel										
Frequency (MHz)				646334	656000	663666	Tune-up limit (dBm)	MPR (dB)		
50	QPSK	1	1	20.63	21.01	20.89	22.0	0.0		
Channel										
Frequency (MHz)				646000	656000	664000	Tune-up limit (dBm)	MPR (dB)		
40	QPSK	1	1	20.60	21.05	20.83	22.0	0.0		
Channel										
Frequency (MHz)				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)		
30	QPSK	1	1	20.71	20.92	20.88	22.0	0.0		
Channel										
Frequency (MHz)				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)		
20	QPSK	1	1	20.65	20.98	20.82	22.0	0.0		
Channel										
Frequency (MHz)				3710.01	3840	3903.99	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	1	20.66	20.99	20.82	22.0	0.0		
Channel										
Frequency (MHz)				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	1	20.62	20.94	20.84	22.0	0.0		

Part270(HPUE)_n77_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				36500	36600	366200				
100	PI2 BPSK	1	1	22.49	23.03	22.87	24.0	0.0		
100	PI2 BPSK	1	137	22.36	23.01	22.84				
100	PI2 BPSK	1	241	22.36	22.92	22.72				
100	PI2 BPSK	135	0	22.44	22.98	22.82				
100	PI2 BPSK	135	69	22.39	23.01	22.82	24.0	0.0		
100	PI2 BPSK	135	138	22.26	22.89	22.72	24.0	0.0		
100	PI2 BPSK	230	0	22.37	22.97	22.73				
100	QPSK	1	1	22.49	23.06	22.82				
100	QPSK	1	137	22.22	22.83	22.66				
100	QPSK	1	271	22.41	22.96	22.77	24.0	0.0		
100	QPSK	135	0	21.58	22.92	21.96				
100	QPSK	135	69	22.30	23.02	22.81				
100	QPSK	135	138	21.56	22.10	21.85				
100	QPSK	230	0	21.57	22.08	21.94	24.0	1.0		
100	16QAM	1	1	21.46	22.98	21.73	24.0	1.0		
100	16QAM	1	137	21.46	22.98	21.73				
100	16QAM	1	241	21.46	22.98	21.73				
100	16QAM	1	135	21.46	22.98	21.73				
100	16QAM	1	1	19.96	20.58	20.37	24.0	2.5		
100	16QAM	1	135	19.96	20.58	20.37				
100	16QAM	1	241	19.96	20.58	20.37				
100	16QAM	1	135	19.96	20.58	20.37				
100	256QAM	1	1	19.82	19.82	19.60	24.0	4.0		
100	256QAM	1	135	19.82	19.82	19.60				
100	256QAM	1	241	19.82	19.82	19.60				
100	256QAM	1	135	19.82	19.82	19.60				
Channel										
Frequency (MHz)				645698	650000	662332				
50	QPSK	1	1	21.61	22.94	22.65	24.0	0.0		
50	QPSK	1	1	22.41	22.99	22.77				
50	QPSK	1	1	645334	646000	662696				
50	QPSK	1	1	1743.51	1743.51	1743.58				
50	QPSK	1	1	22.48	23.38	22.78	24.0	0.0		
50	QPSK	1	1	645334	650000	663000				
50	QPSK	1	1	3735	3840	3945				
50	QPSK	1	1	22.43	22.98	22.67				
50	QPSK	1	1	22.43	22.98	22.67	24.0	0.0		
50	QPSK	1	1	645698	650000	663332				
50	QPSK	1	1	3730.62	3840	3949.98				
50	QPSK	1	1	22.38	23.03	22.71				
50	QPSK	1	1	22.38	23.03	22.71	24.0	0.0		
50	QPSK	1	1	645698	650000	663696				
50	QPSK	1	1	3729.13	3840	3954.99				
50	QPSK	1	1	22.44	22.93	22.67				
50	QPSK	1	1	22.44	22.93	22.67	24.0	0.0		
50	QPSK	1	1	648000	650000	664000				
50	QPSK	1	1	3729.13	3840	3954.99				
50	QPSK	1	1	22.47	23.04	22.68				
50	QPSK	1	1	22.47	23.04	22.68	24.0	0.0		
50	QPSK	1	1	647698	650000	664332				
50	QPSK	1	1	3715.12	3840	3964.98				
50	QPSK	1	1	22.49	22.99	22.67				
50	QPSK	1	1	1473.2	1473.2	1473.2	24.0	0.0		
50	QPSK	1	1	645698	650000	664696				
50	QPSK	1	1	3710.01	3840	3969.99				
50	QPSK	1	1	22.48	22.98	22.74				
50	QPSK	1	1	22.48	22.98	22.74	24.0	0.0		
50	QPSK	1	1	645698	650000	665332				
50	QPSK	1	1	3707.52	3840	3972.48				
50	QPSK	1	1	22.44	23.03	22.69				
50	QPSK	1	1	22.44	23.03	22.69	24.0	0.0		
50	QPSK	1	1	647000	650000	665000				
50	QPSK	1	1	3704	3840	3968				
50	QPSK	1	1	22.47	23.05	22.78				
50	QPSK	1	1	22.47	23.05	22.78	24.0	0.0		
50	QPSK	1	1	647000	650000	665000				
50	QPSK	1	1	3704	3840	3968				
50	QPSK	1	1	22.47	23.05	22.78				



Part270_n77_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	21.23	21.56	21.68	22.0	0.0	
100	P12 BPSK	1	137	21.25	21.57	21.61			
100	P12 BPSK	1	271	21.25	21.56	21.61			
100	P12 BPSK	135	0	21.18	21.67	21.59	22.0	0.0	
100	P12 BPSK	135	69	21.29	21.62	21.65	22.0	0.0	
100	P12 BPSK	135	138	21.29	21.69	21.64	22.0	0.0	
100	P12 BPSK	270	0	21.31	21.55	21.67	22.0	0.0	
100	QPSK	1	1	21.33	21.70	21.69			
100	QPSK	1	137	21.22	21.57	21.54			
100	QPSK	1	271	21.26	21.58	21.59	22.0	0.0	
100	QPSK	135	0	21.25	21.58	21.54			
100	QPSK	135	69	21.27	21.64	21.59			
100	QPSK	135	138	21.21	21.61	21.57	22.0	0.0	
100	QPSK	270	0	21.22	21.61	21.55			
100	16QAM	1	1	21.23	21.58	21.62			
100	64QAM	1	1	21.24	21.57	21.62	22.0	0.0	
100	256QAM	1	1	21.26	21.57	21.65	22.0	0.0	
Channel									
Frequency (MHz)									
				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	21.12	21.53	21.55	22.0	0.0	
Channel									
Frequency (MHz)									
				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	21.13	21.53	21.55	22.0	0.0	
Channel									
Frequency (MHz)									
				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	21.12	21.50	21.52	22.0	0.0	
Channel									
Frequency (MHz)									
				648968	656000	663332	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	21.21	21.57	21.58	22.0	0.0	
Channel									
Frequency (MHz)									
				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	21.15	21.46	21.48	22.0	0.0	
Channel									
Frequency (MHz)									
				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	21.20	21.45	21.52	22.0	0.0	
Channel									
Frequency (MHz)									
				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	21.21	21.52	21.54	22.0	0.0	
Channel									
Frequency (MHz)									
				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	21.14	21.47	21.48	22.0	0.0	
Channel									
Frequency (MHz)									
				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	21.13	21.58	21.48	22.0	0.0	
Channel									
Frequency (MHz)									
				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	21.13	21.48	21.47	22.0	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									
Frequency (MHz)				650000	650000	662000			
100	P12 BPSK	1	1	24.20	24.50	24.38	25.0	0.0	
100	P12 BPSK	1	137	24.17	24.51	24.48			
100	P12 BPSK	1	271	24.13	24.50	24.44			
100	P12 BPSK	135	0	24.14	24.62	24.39	25.0	0.0	
100	P12 BPSK	135	69	24.12	24.50	24.48	25.0	0.0	
100	P12 BPSK	135	138	24.09	24.56	24.51	25.0	0.0	
100	P12 BPSK	270	0	24.14	24.48	24.38	25.0	0.0	
100	QPSK	1	1	24.24	24.63	24.52			
100	QPSK	1	137	24.16	24.60	24.51			
100	QPSK	1	271	24.12	24.57	24.41	25.0	0.0	
100	QPSK	135	0	24.19	24.51	24.49			
100	QPSK	135	69	24.21	24.58	24.50			
100	QPSK	135	138	24.18	24.52	24.42	25.0	0.0	
100	QPSK	270	0	24.16	24.55	24.45			
100	16QAM	1	1	24.14	24.49	24.40			
100	64QAM	1	1	24.10	24.57	24.43	25.0	0.0	
100	256QAM	1	1	22.89	23.27	23.26	23.5	1.5	
Channel									
Frequency (MHz)				646968	650000	652332	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	24.02	24.47	24.30	25.0	0.0	
Channel									
Frequency (MHz)				648334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	24.11	24.42	24.30	25.0	0.0	
Channel									
Frequency (MHz)				648000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	24.11	24.42	24.29	25.0	0.0	
Channel									
Frequency (MHz)				648968	656000	663332	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	24.07	24.46	24.28	25.0	0.0	
Channel									
Frequency (MHz)				648334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	24.06	24.46	24.35	25.0	0.0	
Channel									
Frequency (MHz)				648000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	24.12	24.38	24.30	25.0	0.0	
Channel									
Frequency (MHz)				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	24.04	24.39	24.41	25.0	0.0	
Channel									
Frequency (MHz)				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	24.01	24.47	24.41	25.0	0.0	
Channel									
Frequency (MHz)				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	24.05	24.51	24.34	25.0	0.0	
Channel									
Frequency (MHz)				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	24.12	24.48	24.33	25.0	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									
Frequency (MHz)									
				65000	65000	66200			
100	P2/2 BPSK	1	1	22.50	22.48	22.85	24.0	0.0	
100	P2/2 BPSK	1	137	22.42	22.89	22.70	24.0	0.0	
100	P2/2 BPSK	1	271	22.59	22.41	22.37	24.0	0.0	
100	P2/2 BPSK	135	0	22.50	22.78	22.83	24.0	0.0	
100	P2/2 BPSK	135	69	22.31	22.61	22.67	24.0	0.0	
100	P2/2 BPSK	135	138	22.25	22.47	22.50	24.0	0.0	
100	P2/2 BPSK	270	0	22.39	22.63	22.70	24.0	0.0	
100	QPSK	1	1	22.50	22.48	22.87	24.0	0.0	
100	QPSK	1	137	22.41	22.66	22.81	24.0	0.0	
100	QPSK	1	271	22.59	22.36	22.33	24.0	0.0	
100	QPSK	135	0	22.42	22.89	22.83	24.0	0.0	
100	QPSK	135	69	22.31	22.64	22.63	24.0	0.0	
100	QPSK	135	138	22.21	22.45	22.45	24.0	0.0	
100	QPSK	270	0	22.40	22.64	22.69	24.0	0.0	
100	56QAM	1	1	22.30	22.56	22.57	24.0	0.0	
100	56QAM	1	1	22.01	22.22	22.28	23.0	0.0	
100	256QAM	1	1	20.17	20.49	20.57	21.0	0.0	
Channel									
				649698	650004	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
30	QPSK	1	1	22.48	22.77	22.95	24.0	0.0	
Channel									
				649334	650006	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
80	QPSK	1	1	22.50	22.74	22.85	24.0	0.0	
Channel									
				649000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
70	QPSK	1	1	22.46	22.75	22.95	24.0	0.0	
Channel									
				648666	650000	653333	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
60	QPSK	1	1	22.40	22.84	22.87	24.0	0.0	
Channel									
				648333	650000	653666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
50	QPSK	1	1	22.35	22.89	22.90	24.0	0.0	
50	QPSK	1	1	22.47	22.83	22.82	24.0	0.0	
Channel									
				648000	650000	656000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
40	QPSK	1	1	22.30	22.86	22.93	24.0	0.0	
Channel									
				647668	650000	656332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
30	QPSK	1	1	22.41	22.83	22.84	24.0	0.0	
Channel									
				647334	650000	656666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
20	QPSK	1	1	22.53	22.75	22.87	24.0	0.0	
Channel									
				647000	650000	657000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
15	QPSK	1	1	22.42	22.82	22.90	24.0	0.0	
Channel									
				647000	650000	656500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
10	QPSK	1	1	22.44	22.73	22.90	24.0	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								
Frequency (MHz)								
				3750	3840	3930		
100	P12 BPSK	1	1	25.28	25.84	26.64		
100	P12 BPSK	1	137	25.24	25.83	26.64	27.0	0.0
100	P12 BPSK	1	241	25.20	25.72	25.48		
100	P12 BPSK	135	0	25.10	25.70	25.54	27.0	0.0
100	P12 BPSK	135	69	25.23	25.83	25.67	27.0	0.0
100	P12 BPSK	135	138	25.08	25.66	25.54	27.0	0.0
100	P12 BPSK	220	0	25.26	25.77	25.63		
100	QPSK	1	1	25.34	25.88	25.65		
100	QPSK	1	137	25.22	25.83	25.58	27.0	0.0
100	QPSK	1	271	25.25	25.79	25.64		
100	QPSK	135	0	24.98	25.23	25.01		
100	QPSK	135	69	25.20	25.85	25.69	27.0	0.0
100	QPSK	135	138	24.89	25.18	25.00		
100	QPSK	270	0	24.81	25.22	25.05	26.5	0.5
100	16QAM	1	1	24.79	25.33	25.19	26.5	0.5
100	64QAM	1	1	23.13	23.53	23.33	26.0	2.0
100	256QAM	1	1	21.43	22.06	21.81	23.0	4.0
Channel								
Frequency (MHz)								
				3745.02	3840	3934.98		MPR
90	QPSK	1	1	25.20	25.81	25.53	27.0	0.0
Channel								
Frequency (MHz)								
				649.334	656000	662666	Tune-up limit (dBm)	MPR
80	QPSK	1	1	25.24	25.73	25.51	27.0	0.0
Channel								
Frequency (MHz)								
				649000	656000	663000	Tune-up limit (dBm)	MPR
70	QPSK	1	1	25.13	25.73	25.43	27.0	0.0
Channel								
Frequency (MHz)								
				648968	656000	663332	Tune-up limit (dBm)	MPR
60	QPSK	1	1	25.12	25.76	25.52	27.0	0.0
Channel								
Frequency (MHz)								
				3725.01	3840	3964.99		MPR
50	QPSK	1	1	25.21	25.81	25.58	27.0	0.0
Channel								
Frequency (MHz)								
				3720	3840	3960		MPR
40	QPSK	1	1	25.33	25.73	25.61	27.0	0.0
Channel								
Frequency (MHz)								
				647665	656000	664332	Tune-up limit (dBm)	MPR
30	QPSK	1	1	25.29	25.85	25.64	27.0	0.0
Channel								
Frequency (MHz)								
				647334	656000	664666	Tune-up limit (dBm)	MPR
20	QPSK	1	1	25.29	25.75	25.58	27.0	0.0
Channel								
Frequency (MHz)								
				647168	656000	664532	Tune-up limit (dBm)	MPR
15	QPSK	1	1	25.20	25.77	25.66	27.0	0.0
Channel								
Frequency (MHz)								
				3705	3840	3975		MPR
10	QPSK	1	1	25.19	25.81	25.52	27.0	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								
Frequency (MHz)								
				3750	3840	3900		
100	P12 BPSK	1	1	18.04	18.42	18.49		
100	P12 BPSK	1	137	18.09	18.49	18.51	19.0	0.0
100	P12 BPSK	1	241	18.11	18.56	18.59		
100	P12 BPSK	135	0	18.12	18.42	18.55	19.0	0.0
100	P12 BPSK	135	69	18.02	18.50	18.51	19.0	0.0
100	P12 BPSK	135	138	18.13	18.55	18.54	19.0	0.0
100	P12 BPSK	220	0	18.13	18.54	18.54		
100	QPSK	1	1	18.17	18.57	18.53		
100	QPSK	1	137	18.03	18.54	18.53	19.0	0.0
100	QPSK	1	271	18.04	18.54	18.56		
100	QPSK	135	0	18.11	18.44	18.49		
100	QPSK	135	69	18.15	18.53	18.56	19.0	0.0
100	QPSK	135	138	18.05	18.43	18.48		
100	QPSK	270	0	18.08	18.50	18.50	19.0	0.0
100	16QAM	1	1	18.10	18.50	18.55	19.0	0.0
100	64QAM	1	1	18.08	18.52	18.52	19.0	0.0
100	256QAM	1	1	17.99	18.40	18.39	19.0	0.0
Channel								
Frequency (MHz)								
				648968	656000	662332	Tune-up limit (dBm)	MPR
90	QPSK	1	1	18.10	18.54	18.61	19.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	662666	Tune-up limit (dBm)	MPR
80	QPSK	1	1	18.02	18.42	18.52	19.0	0.0
Channel								
Frequency (MHz)								
				649000	656000	663000	Tune-up limit (dBm)	MPR
70	QPSK	1	1	18.04	18.56	18.53	19.0	0.0
Channel								
Frequency (MHz)								
				648968	656000	663332	Tune-up limit (dBm)	MPR
60	QPSK	1	1	18.10	18.56	18.52	19.0	0.0
Channel								
Frequency (MHz)								
				3725.01	3840	3964.99		MPR
50	QPSK	1	1	18.06	18.45	18.61	19.0	0.0
Channel								
Frequency (MHz)								
				3720	3840	3960		MPR
40	QPSK	1	1	18.08	18.46	18.54	19.0	0.0
Channel								
Frequency (MHz)								
				647665	656000	664332	Tune-up limit (dBm)	MPR
30	QPSK	1	1	18.13	18.47	18.57	19.0	0.0
Channel								
Frequency (MHz)								
				647334	656000	664666	Tune-up limit (dBm)	MPR
20	QPSK	1	1	18.16	18.54	18.62	19.0	0.0
Channel								
Frequency (MHz)								
				3707.52	3840	3972.48		MPR
15	QPSK	1	1	18.03	18.46	18.49	19.0	0.0
Channel								
Frequency (MHz)								
				3705	3840	3975		MPR
10	QPSK	1	1	18.09	18.52	18.52	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3750	3840	3900		
100	P12 BPSK	1	1	20.03	20.31	20.47		
100	P12 BPSK	1	137	19.93	20.36	20.39	21.0	0.0
100	P12 BPSK	1	271	20.03	20.33	20.49		
100	P12 BPSK	135	0	19.99	20.33	20.38	21.0	0.0
100	P12 BPSK	135	69	19.96	20.29	20.40	21.0	0.0
100	P12 BPSK	135	138	19.97	20.34	20.40	21.0	0.0
100	P12 BPSK	270	0	20.01	20.31	20.40		
100	QPSK	1	1	20.05	20.38	20.50		
100	QPSK	1	137	20.02	20.36	20.47	21.0	0.0
100	QPSK	1	271	19.98	20.28	20.44		
100	QPSK	135	0	19.98	20.24	20.37		
100	QPSK	135	69	19.95	20.27	20.44	21.0	0.0
100	QPSK	135	138	19.92	20.24	20.43		
100	QPSK	270	0	19.92	20.31	20.40	21.0	0.0
100	16QAM	1	1	20.02	20.30	20.38	21.0	0.0
100	64QAM	1	1	19.35	19.76	19.81	21.0	0.0
100	256QAM	1	1	17.99	18.40	18.39	19.0	2.0
Channel								
Frequency (MHz)								
				648968	656000	662332	Tune-up limit (dBm)	MPR
90	QPSK	1	1	20.00	20.33	20.43	21.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	662666	Tune-up limit (dBm)	MPR
80	QPSK	1	1	19.99	20.25	20.48	21.0	0.0
Channel								
Frequency (MHz)								
				3735	3840	3945		
70	QPSK	1	1	20.02	20.25	20.37	21.0	0.0
Channel								
Frequency (MHz)								
				64899	65600	66301		
60	QPSK	1	1	19.99	20.26	20.38	21.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	663606	Tune-up limit (dBm)	MPR
50	QPSK	1	1	19.98	20.26	20.40	21.0	0.0
Channel								
Frequency (MHz)								
				3736	3840	3945		
40	QPSK	1	1	19.96	20.32	20.42	21.0	0.0
Channel								
Frequency (MHz)								
				648800	656000	664000	Tune-up limit (dBm)	MPR
30	QPSK	1	1	19.92	20.33	20.40	21.0	0.0
Channel								
Frequency (MHz)								
				64729	656000	664332	Tune-up limit (dBm)	MPR
20	QPSK	1	1	19.95	20.26	20.38	21.0	0.0
Channel								
Frequency (MHz)								
				3710.01	3840	3969.09	Tune-up limit (dBm)	MPR
15	QPSK	1	1	20.02	20.24	20.41	21.0	0.0
Channel								
Frequency (MHz)								
				647005	656000	665000	Tune-up limit (dBm)	MPR
10	QPSK	1	1	19.98	20.29	20.45	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750				
100	PI2 BPSK	1	1	19.26			20.0	0.0
100	PI2 BPSK	1	137	19.27				
100	PI2 BPSK	1	241	19.24				
100	PI2 BPSK	135	0	19.19			19.5	0.5
100	PI2 BPSK	135	69	19.21			20.0	0.0
100	PI2 BPSK	135	138	19.16			19.5	0.5
100	PI2 BPSK	240	0	19.24				
100	QPSK	1	1	19.29				
100	QPSK	1	137	19.84			20.0	0.0
100	QPSK	1	241	19.83				
100	QPSK	135	0	19.12				
100	QPSK	135	69	19.72			20.0	0.0
100	QPSK	135	138	19.05				
100	QPSK	240	0	19.98			19.0	1.0
100	16QAM	1	1	19.29			19.0	1.0
100	64QAM	1	1	19.72			19.0	2.0
100	256QAM	1	1	19.88			17.0	3.0
Channel								
Frequency (MHz)				648958	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.27	19.22	19.16	20.0	0.0
Channel								
Frequency (MHz)				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.01	3750	3749.99		
80	QPSK	1	1	19.16	19.23	19.22	20.0	0.0
Channel								
Frequency (MHz)				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.29	19.16	19.27	20.0	0.0
Channel								
Frequency (MHz)				648968	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.20	19.14	19.23	20.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.15	19.18	19.16	20.0	0.0
Channel								
Frequency (MHz)				649000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3700	3750	3750		
40	QPSK	1	1	19.25	19.17	19.22	20.0	0.0
Channel								
Frequency (MHz)				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3718.02	3750	3748.98		
30	QPSK	1	1	19.16	19.26	19.16	20.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3769.99		
20	QPSK	1	1	19.14	19.15	19.27	20.0	0.0
Channel								
Frequency (MHz)				647168	650000	652532	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3752.48		
15	QPSK	1	1	19.18	19.19	19.26	20.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.20	19.23	19.16	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750		3750		
100	PI2 BPSK	1	1	21.06			22.0	0.0
100	PI2 BPSK	1	137	21.07				
100	PI2 BPSK	1	241	21.03				
100	PI2 BPSK	135	0	21.08			21.5	0.5
100	PI2 BPSK	135	69	21.07			22.0	0.0
100	PI2 BPSK	135	138	21.04			21.5	0.5
100	PI2 BPSK	240	0	21.06				
100	QPSK	1	1	21.09				
100	QPSK	1	137	20.79			22.0	0.0
100	QPSK	1	241	20.41				
100	QPSK	135	0	20.96				
100	QPSK	135	69	20.82			22.0	0.0
100	QPSK	135	138	19.72				
100	QPSK	240	0	19.94			21.0	1.0
100	16QAM	1	1	20.12			21.0	1.0
100	64QAM	1	1	19.42			19.5	2.5
100	256QAM	1	1	17.99			19.0	4.0
Channel								
Frequency (MHz)				648958	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	21.00	21.07	20.95	22.0	0.0
Channel								
Frequency (MHz)				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.01	3750	3749.99		
80	QPSK	1	1	21.05	20.99	20.97	22.0	0.0
Channel								
Frequency (MHz)				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.08	21.02	20.94	22.0	0.0
Channel								
Frequency (MHz)				648968	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	21.04	20.98	21.05	22.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	20.97	21.00	21.05	22.0	0.0
Channel								
Frequency (MHz)				649000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3700	3750	3750		
40	QPSK	1	1	20.97	20.98	21.06	22.0	0.0
Channel								
Frequency (MHz)				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3718.02	3750	3748.98		
30	QPSK	1	1	21.08	20.97	21.03	22.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3769.99		
20	QPSK	1	1	21.03	20.96	21.02	22.0	0.0
Channel								
Frequency (MHz)				647168	650000	652532	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3752.48		
15	QPSK	1	1	20.94	21.00	21.00	22.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.95	20.95	21.00	22.0	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								
Frequency (MHz)				3750				
100	PI2 BPSK	1	1	21.06			22.0	0.0
100	PI2 BPSK	1	137	21.07				
100	PI2 BPSK	1	241	21.06				
100	PI2 BPSK	135	0	21.06			22.0	0.0
100	PI2 BPSK	135	69	21.08			22.0	0.0
100	PI2 BPSK	135	138	20.97			22.0	0.0
100	PI2 BPSK	240	0	21.10				
100	QPSK	1	1	21.11				
100	QPSK	1	137	21.08			22.0	0.0
100	QPSK	1	241	21.01				
100	QPSK	135	0	21.00				
100	QPSK	135	69	21.08			22.0	0.0
100	QPSK	135	138	21.01				
100	QPSK	240	0	21.02			22.0	0.0
100	16QAM	1	1	21.07			22.0	0.0
100	64QAM	1	1	21.07			22.0	0.0
100	256QAM	1	1	20.85			21.5	0.5
Channel								
Frequency (MHz)				648958	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	21.08	20.96	20.96	22.0	0.0
Channel								
Frequency (MHz)				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.01	3750	3749.99		
80	QPSK	1	1	20.95	20.92	20.85	22.0	0.0
Channel								
Frequency (MHz)				649710	650000	650290	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.98	20.83	20.83	22.0	0.0
Channel								
Frequency (MHz)				649958	650000	650052	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.52	3750	3749.48		
60	QPSK	1	1	20.96	20.82	20.82	22.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3755.61	3750	3754.39		
50	QPSK	1	1	21.07	20.87	20.87	22.0	0.0
Channel								
Frequency (MHz)				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3752	3750	3750		
40	QPSK	1	1	20.94	20.82	20.80	22.0	0.0
Channel								
Frequency (MHz)				647698	650000	652302	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3764.98		
30	QPSK	1	1	21.01	20.89	20.82	22.0	0.0
Channel								
Frequency (MHz)				647212	650000	652788	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3769.99		
20	QPSK	1	1	20.98	20.87	20.87	22.0	0.0
Channel								
Frequency (MHz)				647100	650000	652900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3752.48		
15	QPSK	1	1	21.04	20.95	20.85	22.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3706	3750	3754		
10	QPSK	1	1	20.99	20.87	20.84	22.0	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								
Frequency (MHz)				3750	3750	3750		
100	PI2 BPSK	1	1	23.85				
100	PI2 BPSK	1	137	23.87			25.0	0.0
100	PI2 BPSK	1	241	23.77				
100	PI2 BPSK	135	0	23.80			25.0	0.0
100	PI2 BPSK	135	69	23.76			25.0	0.0
100	PI2 BPSK	135	138	23.86			25.0	0.0
100	PI2 BPSK	270	0	23.82				
100	QPSK	1	1	23.88				
100	QPSK	1	137	23.79			25.0	0.0
100	QPSK	1	271	23.86				
100	QPSK	135	0	23.80				
100	QPSK	135	69	23.85			25.0	0.0
100	QPSK	135	138	23.81				
100	QPSK	270	0	23.90			25.0	0.0
100	16QAM	1	1	23.75			25.0	0.0
100	16QAM	1	1	23.82			24.5	0.5
100	256QAM	1	1	22.38			22.5	2.5
Channel								
Frequency (MHz)				648958	650000	650332		
90	QPSK	1	1	23.73	23.79	23.75	25.0	0.0
Channel								
Frequency (MHz)				648334	650000	650666		
80	QPSK	1	1	23.72	23.74	23.69	25.0	0.0
Channel								
Frequency (MHz)				648000	650000	651000		
70	QPSK	1	1	23.75	23.70	23.65	25.0	0.0
Channel								
Frequency (MHz)				648668	650000	651332		
60	QPSK	1	1	23.69	23.69	23.66	25.0	0.0
Channel								
Frequency (MHz)				647334	650000	651666		
50	QPSK	1	1	23.67	23.76	23.67	25.0	0.0
Channel								
Frequency (MHz)				647000	650000	652000		
40	QPSK	1	1	23.67	23.68	23.66	25.0	0.0
Channel								
Frequency (MHz)				647668	650000	652332		
30	QPSK	1	1	23.68	23.76	23.62	25.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666		
20	QPSK	1	1	23.62	23.77	23.72	25.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000		
10	QPSK	1	1	23.70	23.64	23.72	25.0	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								
Frequency (MHz)				3750				
100	PI2 BPSK	1	1	22.83				
100	PI2 BPSK	1	137	22.73			24.0	0.0
100	PI2 BPSK	1	241	22.76				
100	PI2 BPSK	135	0	22.72			24.0	0.0
100	PI2 BPSK	135	69	22.69			24.0	0.0
100	PI2 BPSK	135	138	22.66			24.0	0.0
100	PI2 BPSK	270	0	22.63				
100	QPSK	1	1	22.82				
100	QPSK	1	137	22.62			24.0	0.0
100	QPSK	1	271	22.75				
100	QPSK	135	0	22.69				
100	QPSK	135	69	22.77			24.0	0.0
100	QPSK	135	138	22.68				
100	QPSK	270	0	22.66			24.0	0.0
100	16QAM	1	1	22.91			23.5	0.5
100	16QAM	1	1	21.19			22.5	1.5
100	256QAM	1	1	20.88			21.5	2.5
Channel								
Frequency (MHz)				648958	650000	650332		
90	QPSK	1	1	22.69	22.70	22.79	24.0	0.0
Channel								
Frequency (MHz)				648334	650000	650666		
80	QPSK	1	1	22.67	22.74	22.78	24.0	0.0
Channel								
Frequency (MHz)				648000	650000	651000		
70	QPSK	1	1	22.76	22.75	22.80	24.0	0.0
Channel								
Frequency (MHz)				648668	650000	651332		
60	QPSK	1	1	22.80	22.68	22.79	24.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666		
50	QPSK	1	1	22.72	22.81	22.70	24.0	0.0
Channel								
Frequency (MHz)				648000	650000	652000		
40	QPSK	1	1	22.67	22.75	22.74	24.0	0.0
Channel								
Frequency (MHz)				647668	650000	652332		
30	QPSK	1	1	22.81	22.76	22.71	24.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666		
20	QPSK	1	1	22.79	22.79	22.81	24.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000		
10	QPSK	1	1	22.69	22.68	22.75	24.0	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								
Frequency (MHz)				3750	3750	3750		
100	PI2 BPSK	1	1	25.58				
100	PI2 BPSK	1	137	25.64			27.0	0.0
100	PI2 BPSK	1	241	25.75				
100	PI2 BPSK	135	0	25.56			26.5	0.5
100	PI2 BPSK	135	69	25.64			27.0	0.0
100	PI2 BPSK	135	138	25.53			26.5	0.5
100	PI2 BPSK	270	0	25.49				
100	QPSK	1	1	25.78				
100	QPSK	1	137	25.68			27.0	0.0
100	QPSK	1	271	25.52				
100	QPSK	135	0	25.88				
100	QPSK	135	69	25.71			27.0	0.0
100	QPSK	135	138	24.91				
100	QPSK	270	0	24.99			26.0	1.0
100	16QAM	1	1	24.74			25.0	1.0
100	16QAM	1	1	24.51			24.5	2.5
100	256QAM	1	1	22.01			22.5	4.5
Channel								
Frequency (MHz)				648958	650000	650332		
90	QPSK	1	1	25.83	25.68	25.86	27.0	0.0
Channel								
Frequency (MHz)				648334	650000	650666		
80	QPSK	1	1	25.72	25.73	25.77	27.0	0.0
Channel								
Frequency (MHz)				648000	650000	651000		
70	QPSK	1	1	25.85	25.85	25.83	27.0	0.0
Channel								
Frequency (MHz)				648668	650000	651332		
60	QPSK	1	1	25.71	25.66	25.72	27.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666		
50	QPSK	1	1	25.83	25.69	25.76	27.0	0.0
Channel								
Frequency (MHz)				648000	650000	652000		
40	QPSK	1	1	25.87	25.74	25.69	27.0	0.0
Channel								
Frequency (MHz)				647668	650000	652332		
30	QPSK	1	1	25.72	25.70	25.72	27.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666		
20	QPSK	1	1	25.70	25.84	25.69	27.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000		
10	QPSK	1	1	25.76	25.67	25.77	27.0	0.0

Part27O_n78_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1		18.33				
100	P22 BPSK	1	137		18.23		19.0		0.0
100	P22 BPSK	1	271		18.32				
100	P22 BPSK	135	0		18.27		19.0	0.0	
100	P22 BPSK	135	69		18.27		19.0	0.0	
100	P22 BPSK	135	138		18.34				
100	P22 BPSK	270	0		18.25		19.0	0.0	
100	QPSK	1	1		18.37				
100	QPSK	1	137		18.30		19.0	0.0	
100	QPSK	1	271		18.23				
100	QPSK	135	0		18.27				
100	QPSK	135	69		18.34		19.0	0.0	
100	QPSK	135	138		18.23				
100	QPSK	270	0		18.31		19.0	0.0	
100	16QAM	1	1		18.26		19.0	0.0	
100	64QAM	1	1		17.73		18.5	0.5	
100	256QAM	1	1		17.08		17.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	18.25	18.27	18.25	19.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	18.13	18.13	18.20	19.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	18.21	18.15	18.12	19.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	18.10	18.21	18.15	19.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	18.14	18.17	18.11	19.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	18.11	18.21	18.16	19.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.22	18.22	18.12	19.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.16	18.10	18.14	19.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.21	18.24	18.20	19.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.22	18.16	18.16	19.0	0.0	

Part27O(HPUE)_n78_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1		20.37				
100	P22 BPSK	1	137		20.43		21.0	0.0	
100	P22 BPSK	1	271		20.42				
100	P22 BPSK	135	0		20.41		21.0	0.0	
100	P22 BPSK	135	69		20.43		21.0	0.0	
100	P22 BPSK	135	138		20.29				
100	P22 BPSK	270	0		20.33		21.0	0.0	
100	QPSK	1	1		20.44				
100	QPSK	1	137		20.43		21.0	0.0	
100	QPSK	1	271		20.43				
100	QPSK	135	0		20.31				
100	QPSK	135	69		20.40		21.0	0.0	
100	QPSK	135	138		20.33				
100	QPSK	270	0		20.34		21.0	0.0	
100	16QAM	1	1		20.35		21.0	0.0	
100	64QAM	1	1		18.68		20.5	0.5	
100	256QAM	1	1		18.20		18.5	2.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.32	20.38	20.40	21.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.31	20.21	20.38	21.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	20.26	20.25	20.26	21.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.33	20.34	20.31	21.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.28	20.35	20.25	21.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.17	20.29	20.26	21.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.19	20.21	20.33	21.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.26	20.25	20.28	21.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.24	20.28	20.38	21.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.31	20.34	20.30	21.0	0.0	

Part 27Q_Band 42_Ant 3												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)				
Channel												
				42190	42590	42990						
				3460	3500	3540						
20	QPSK	1	0	20.26	20.32	20.18			22	0		
20	QPSK	1	49	20.19	20.21	19.11						
20	QPSK	1	99	20.22	20.30	20.16						
20	QPSK	50	0	19.21	19.28	19.23						
20	QPSK	50	24	19.11	19.21	19.19			21	1		
20	QPSK	50	50	19.13	19.22	19.10						
20	QPSK	100	0	19.18	19.20	19.12						
20	16QAM	1	0	19.24	19.25	19.19						
20	16QAM	1	49	19.19	19.21	19.11			21	1		
20	16QAM	1	99	19.07	19.22	19.06						
20	16QAM	50	0	18.08	18.18	18.09						
20	16QAM	50	24	18.09	18.08	18.05						
20	16QAM	50	50	18.02	18.14	18.10			20	2		
20	16QAM	100	0	18.02	18.17	18.14						
20	64QAM	1	0	18.14	18.26	18.13						
20	64QAM	1	49	18.02	18.14	18.10						
20	64QAM	50	0	17.12	17.27	17.18			19	3		
20	64QAM	50	24	17.35	17.36	17.33						
20	64QAM	50	50	17.19	17.25	17.21						
20	64QAM	100	0	17.21	17.33	17.22						
20	256QAM	1	0	15.32	15.35	15.24			17	5		
20	256QAM	1	49	15.22	15.32	15.18						
20	256QAM	1	99	15.15	15.25	15.10						
20	256QAM	50	0	15.18	15.20	15.17						
20	256QAM	50	24	15.12	15.23	15.31			17	5		
20	256QAM	50	50	15.24	15.28	15.22						
20	256QAM	100	0	15.24	15.33	15.31						
Channel												
				42165	42590	43015	Turn-up limit (dBm)	MPR (dB)				
				34515	35000	35415						
15	QPSK	1	0	20.06	20.23	20.02					22	0
15	QPSK	1	37	20.29	20.28	20.20						
15	QPSK	1	74	20.25	20.31	20.08						
15	QPSK	36	0	19.08	19.13	19.10						
15	QPSK	36	20	19.21	19.31	19.13			21	1		
15	QPSK	36	39	19.11	19.14	19.06						
15	QPSK	75	0	19.19	19.21	19.02						
15	16QAM	1	0	19.24	19.24	19.17						
15	16QAM	1	37	19.09	19.14	19.04			21	1		
15	16QAM	1	74	19.08	19.19	19.09						
15	16QAM	36	0	18.08	18.13	18.11						
15	16QAM	36	20	18.08	18.08	18.09						
15	16QAM	36	39	18.07	18.10	18.04			20	2		
15	16QAM	75	0	18.08	18.12	18.17						
15	16QAM	75	0	18.18	18.25	18.16						
15	64QAM	1	37	18.04	18.07	18.14						
15	64QAM	1	74	18.11	18.23	18.12			19	3		
15	64QAM	36	0	17.14	17.19	17.16						
15	64QAM	36	20	17.26	17.27	17.23						
15	64QAM	36	39	17.16	17.17	17.11						
15	64QAM	75	0	17.24	17.35	17.15			17	5		
15	256QAM	1	37	15.28	15.31	15.22						
15	256QAM	1	37	15.16	15.31	15.22						
15	256QAM	1	74	15.08	15.30	15.21						
15	256QAM	36	0	15.13	15.22	15.05			17	5		
15	256QAM	36	20	15.16	15.28	15.24						
15	256QAM	36	39	15.19	15.24	15.13						
15	256QAM	75	0	15.20	15.31	15.31						
Channel												
				42160	42590	43040	Turn-up limit (dBm)	MPR (dB)				
				3455	3500	3545						
10	QPSK	1	0	20.17	20.21	20.11			22	0		
10	QPSK	1	25	20.23	20.24	20.11						
10	QPSK	1	49	20.29	20.28	20.08						
10	QPSK	25	0	19.15	19.14	19.15						
10	QPSK	25	12	19.11	19.29	19.26			21	1		
10	QPSK	25	25	19.15	19.12	19.11						
10	QPSK	50	0	19.11	19.12	19.10						
10	16QAM	1	0	19.23	19.29	19.13						
10	16QAM	1	25	19.10	19.11	19.10			21	1		
10	16QAM	1	49	19.05	19.20	19.06						
10	16QAM	25	0	18.05	18.15	18.06						
10	16QAM	25	12	18.06	18.10	18.06						
10	16QAM	25	25	18.02	18.15	18.13			20	2		
10	16QAM	50	0	18.08	18.12	18.10						
10	64QAM	1	25	18.07	18.25	18.10						
10	64QAM	1	25	18.01	18.09	18.02						
10	64QAM	1	49	18.09	18.21	18.16			19	3		
10	64QAM	25	0	17.15	17.27	17.11						
10	64QAM	25	12	17.33	17.31	17.36						
10	64QAM	25	25	17.17	17.17	17.11						
10	256QAM	1	25	15.19	15.30	15.10			17	5		
10	256QAM	1	49	15.15	15.24	15.17						
10	256QAM	25	0	15.11	15.16	15.20						
10	256QAM	25	12	15.27	15.26	15.28						
10	256QAM	25	25	15.18	15.29	15.17			17	5		
10	256QAM	50	0	15.21	15.29	15.21						
10	256QAM	50	0	15.21	15.32	15.29						
10	256QAM	25	0	15.25	15.32	15.29						
Channel												
				42115	42590	43005	Turn-up limit (dBm)	MPR (dB)				
				34515	3500	3547.5						
5	QPSK	1	0	20.18	20.28	20.13			22	0		
5	QPSK	1	12	20.18	20.30	20.17						
5	QPSK	12	0	19.11	19.15	19.14						
5	QPSK	12	0	19.11	19.15	19.14						
5	QPSK	12	7	19.18	19.25	19.19			21	1		
5	QPSK	12	13	19.19	19.22	19.19						
5	QPSK	25	0	19.18	19.23	19.07						
5	16QAM	1	0	19.24	19.16	19.19						
5	16QAM	1	12	19.21	19.11	19.02			21	1		
5	16QAM	1	24	19.11	19.16	19.02						
5	16QAM	12	0	18.06	18.21	18.03						
5	16QAM	12	7	18.09	18.09	18.06						
5	16QAM	12	13	18.02	18.08	18.04			20	2		
5	16QAM	25	0	18.02	18.18	18.16						
5	64QAM	1	0	18.06	18.21	18.08						
5	64QAM	1	12	18.06	18.04	18.00						
5	64QAM	1	24	18.09	18.16	18.10			19	3		
5	64QAM	12	0	17.02	17.30	17.11						
5	64QAM	12	7	17.37	17.28	17.33						
5	64QAM	12	13	17.18	17.24	17.20						
5	256QAM	1	0	15.32	15.38	15.23			17	5		
5	256QAM	1	12	15.19	15.30	15.14						
5	256QAM	1	24	15.13	15.25	15.10						
5	256QAM	12	0	15.14	15.12	15.10						
5	256QAM	12	7	15.23	15.32	15.26			17	5		
5	256QAM	12	13	15.22	15.25	15.23						
5	256QAM	25	0	15.25	15.32	15.29						
5	256QAM	25	0	15.25	15.32	15.29						
Channel												
				42105	42590	42990	Turn-up limit (dBm)	MPR (dB)				
				3450	3500	3540						
20	QPSK	1	0	22.95	23.08	22.93			24	0		
20	QPSK	1	49	22.91	23.05	23.04						

n26_Ant 0											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164500	Power Middle Ch. / Freq. 165000	Power High Ch. / Freq. 167000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	PQ2 BPSK	1	1	22.98	23.12	23.10	24.0	0.0			
20	PQ2 BPSK	1	53	22.99	23.08	22.99					
20	PQ2 BPSK	1	104	22.93	22.98	22.88					
20	PQ2 BPSK	50	0	22.99	23.11	23.03	24.0	0.0			
20	PQ2 BPSK	50	28	22.98	23.03	23.00	24.0	0.0			
20	PQ2 BPSK	100	0	22.97	23.05	23.02					
20	QPSK	1	1	23.12	23.18	23.05					
20	QPSK	1	53	22.89	23.02	22.87	24.0	0.0			
20	QPSK	1	104	22.87	22.92	22.83	24.0	0.0			
20	QPSK	50	0	22.95	23.07	22.94					
20	QPSK	50	28	23.07	23.11	23.03					
20	QPSK	50	56	22.90	23.04	22.92	24.0	0.0			
20	QPSK	100	0	22.95	23.05	23.04	24.0	0.0			
20	16QAM	1	1	22.95	23.11	23.07					
20	64QAM	1	1	21.54	21.68	21.56	22.5	1.5			
20	256QAM	1	1	20.03	20.07	19.99	21.0	3.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	22.98	23.09	22.98	24.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	22.98	23.03	22.98	24.0	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	23.10	23.05	23.03	24.0	0.0			

n26_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164500	Power Middle Ch. / Freq. 165000	Power High Ch. / Freq. 167000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	PQ2 BPSK	1	1	22.39	22.34	22.32	23.5	0.0			
20	PQ2 BPSK	1	53	22.38	22.34	22.30					
20	PQ2 BPSK	1	104	22.28	22.31	22.22					
20	PQ2 BPSK	50	0	22.29	22.27	22.28	23.5	0.0			
20	PQ2 BPSK	50	28	22.31	22.36	22.35	23.5	0.0			
20	PQ2 BPSK	50	56	22.30	22.34	22.34	23.5	0.0			
20	PQ2 BPSK	100	0	22.34	22.26	22.24					
20	QPSK	1	1	22.40	22.41	22.37					
20	QPSK	1	53	22.37	22.29	22.23	23.5	0.0			
20	QPSK	1	104	22.25	22.35	22.25	23.5	0.0			
20	QPSK	50	0	22.25	22.26	22.25					
20	QPSK	50	28	22.30	22.40	22.29					
20	QPSK	50	56	22.27	22.34	22.26	23.5	0.0			
20	QPSK	100	0	22.25	22.35	22.31	23.5	0.0			
20	16QAM	1	1	22.34	22.31	22.31					
20	64QAM	1	1	21.00	21.07	20.99	22.0	1.5			
20	256QAM	1	1	19.64	19.60	19.64	20.5	3.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	22.35	22.27	22.30	23.5	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	22.29	22.30	22.34	23.5	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	22.27	22.35	22.35	23.5	0.0			

n38_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Min Ch./Freq.	Power High Ch./Freq.	Turn-up time (min)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	18.09	18.04	17.97			
40	PI2 BPSK	1	53	18.09	17.90	17.85	19.5	17.85	0.0
40	PI2 BPSK	1	104	17.85	18.03	17.91			
40	PI2 BPSK	50	5	17.87	18.05	17.89	19.5	17.85	0.0
40	PI2 BPSK	50	49	17.87	17.98	17.85	19.5	17.85	0.0
40	PI2 BPSK	50	56	17.86	18.02	17.85	19.5	17.85	0.0
40	PI2 BPSK	100	0	18.03	18.05	17.85			
40	QPSK	1	1	18.09	18.10	18.01			
40	QPSK	1	53	17.86	18.07	17.85	19.5	17.85	0.0
40	QPSK	1	104	18.01	17.98	17.85			
40	QPSK	50	5	17.86	18.04	17.85	19.5	17.85	0.0
40	QPSK	50	49	17.85	17.85	17.85			
40	QPSK	100	0	18.01	18.03	17.85	19.5	17.85	0.0
40	QPSK	100	1	18.02	17.97	17.85	19.5	17.85	0.0
40	84QAM	1	1	18.09	17.98	17.85	19.5	17.85	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.01	17.98	17.85	19.5	17.85	0.0
Channel									
Frequency (MHz)									
25	QPSK	1	1	18.04	17.99	17.85	19.5	17.85	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.06	18.00	18.00	19.5	17.85	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.04	17.99	17.91	19.5	17.85	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	17.99	18.00	17.98	19.5	17.85	0.0
Channel									
Frequency (MHz)									
5	QPSK	1	1	18.03	17.93	17.91	19.5	17.85	0.0

n38_Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Min Ch./Freq.	Power High Ch./Freq.	Turn-up time (min)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	19.80	19.84	19.78			
40	PI2 BPSK	1	53	19.80	19.71	19.70	20.5	12.1	0.0
40	PI2 BPSK	1	104	19.87	19.78	19.75			
40	PI2 BPSK	50	5	19.88	19.77	19.74	20.5	12.1	0.0
40	PI2 BPSK	50	26	19.80	19.85	19.75	20.5	0.0	
40	PI2 BPSK	50	56	19.84	19.77	19.80	20.5	0.0	
40	QPSK	1	1	19.88	19.88	19.85			
40	QPSK	1	53	19.87	19.81	19.85	20.5	12.1	0.0
40	QPSK	1	104	19.80	19.75	19.75			
40	QPSK	50	5	19.88	19.81	19.75	20.5	12.1	0.0
40	QPSK	50	26	19.81	19.85	19.75	20.5	0.0	
40	QPSK	100	0	19.88	19.78	19.75	20.5	0.0	
40	84QAM	1	1	19.82	19.82	19.75	20.5	12.1	0.0
40	84QAM	1	1	19.82	19.48	19.41	19.5	12.1	0.0
40	84QAM	1	1	17.07	17.02	17.05	17.5	12.1	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	19.85	19.85	19.74	20.5	12.1	0.0
Channel									
Frequency (MHz)									
25	QPSK	1	1	19.88	19.80	19.78	20.5	12.1	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	19.88	19.74	19.81	20.5	12.1	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	19.85	19.72	19.71	20.5	12.1	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.81	19.80	19.78	20.5	12.1	0.0
Channel									
Frequency (MHz)									
5	QPSK	1	1	19.82	19.77	19.75	20.5	12.1	0.0

n41_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Min Ch./Freq.	Power High Ch./Freq.	Turn-up time (min)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	18.13	18.23	18.21			
100	PI2 BPSK	1	139	18.15	18.28	18.18	19.5	0.0	
100	PI2 BPSK	1	273	18.19	18.21	18.15			
100	PI2 BPSK	139	5	18.15	18.19	18.13	19.5	0.0	
100	PI2 BPSK	139	86	18.07	18.24	18.23	19.5	0.0	
100	PI2 BPSK	139	138	18.20	18.25	18.11	19.5	0.0	
100	PI2 BPSK	273	0	18.18	18.25	18.20			
100	QPSK	1	1	18.21	18.33	18.24			
100	QPSK	1	139	18.12	18.19	18.14	19.5	0.0	
100	QPSK	1	273	18.12	18.27	18.17			
100	QPSK	139	5	18.08	18.18	18.14	19.5	0.0	
100	QPSK	139	86	18.14	18.25	18.15	19.5	0.0	
100	QPSK	139	138	18.13	18.19	18.14			
100	QPSK	273	0	18.18	18.22	18.21	19.5	0.0	
100	84QAM	1	1	18.14	18.25	18.25	20.5	0.0	
100	84QAM	1	1	18.13	18.28	18.11	19.5	0.0	
100	84QAM	1	1	18.18	18.24	18.18	19.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	18.08	18.20	18.11	19.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	18.14	18.27	18.17	19.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	18.08	18.30	18.21	19.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	18.09	18.21	18.18	19.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	18.10	18.23	18.10	19.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	18.10	18.25	18.10	19.5	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	18.10	18.28	18.23	19.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.11	18.08	18.14	19.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.13	18.28	18.23	19.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.16	18.20	18.20	19.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.17	18.25	18.25	19.5	0.0	

Part270_n77_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power L1 [F/Max] Ch./F/Max	Power M1 [F/Max] Ch./F/Max	Power P1 [F/Max] Ch./F/Max	Time-up time (s/min)	MPR (dB)	
Channel									
Frequency [MHz]									
100	P1/2 BPSK	1	1	20.71	21.04	20.91			
100	P1/2 BPSK	1	137	20.98	21.05	20.94	22.0	0.0	
Channel									
Frequency [MHz]									
100	P1/2 BPSK	1	271	20.73	20.95	20.92			
100	P1/2 BPSK	135	5	20.95	21.06	21.01	22.0	0.0	
100	P1/2 BPSK	135	89	20.90	21.02	20.99	22.0	0.0	
100	P1/2 BPSK	135	138	20.67	21.81	20.86	22.0	0.0	
100	P1/2 BPSK	271	5	20.97	21.02	20.91			
100	QPSK	1	1	20.75	20.97	20.99			
100	QPSK	1	137	20.98	20.97	20.94	22.0	0.0	
100	QPSK	1	271	20.98	21.02	20.95			
100	QPSK	135	5	19.80	20.21	20.06	22.0	0.0	
100	QPSK	135	89	20.71	20.93	20.91	22.0	0.0	
100	QPSK	135	138	19.96	20.37	20.28			
100	QPSK	271	5	19.98	20.34	20.16	21.0	1.0	
100	84QAM	1	1	19.94	19.79	19.70	19.5	2.5	
100	256QAM	1	1	17.74	17.79	17.80	18.0	4.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	20.95	20.96	20.91	22.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	20.95	20.95	20.89	22.0	0.0	
Channel									
Frequency [MHz]									
70	QPSK	1	1	20.89	20.86	20.82	22.0	0.0	
Channel									
Frequency [MHz]									
60	QPSK	1	1	20.80	20.85	20.83	22.0	0.0	
Channel									
Frequency [MHz]									
40	QPSK	1	1	20.80	20.85	20.83	22.0	0.0	
Channel									
Frequency [MHz]									
20	QPSK	1	1	20.85	20.88	20.82	22.0	0.0	
Channel									
Frequency [MHz]									
15	QPSK	1	1	20.80	20.86	20.82	22.0	0.0	
Channel									
Frequency [MHz]									
10	QPSK	1	1	20.92	20.94	20.94	22.0	0.0	

Part270(HPUe)_n77_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power L1 [F/Max] Ch./F/Max	Power M1 [F/Max] Ch./F/Max	Power P1 [F/Max] Ch./F/Max	Time-up time (s/min)	MPR (dB)	
Channel									
Frequency [MHz]									
100	P1/2 BPSK	1	1	22.49	23.03	22.87			
100	P1/2 BPSK	1	137	22.38	23.02	22.94	24.0	0.0	
100	P1/2 BPSK	1	271	22.38	22.92	22.72			
100	P1/2 BPSK	135	5	22.44	22.98	22.92	23.5	0.0	
100	P1/2 BPSK	135	89	22.39	22.97	22.92	24.0	0.0	
100	P1/2 BPSK	135	138	22.28	22.89	22.72	23.5	0.0	
100	P1/2 BPSK	271	5	22.37	22.97	22.73			
100	QPSK	1	1	22.43	23.05	22.92			
100	QPSK	1	137	22.22	22.87	22.86	24.0	0.0	
100	QPSK	1	271	22.41	22.95	22.77			
100	QPSK	135	5	21.99	22.19	21.96	24.0	0.0	
100	QPSK	135	89	22.32	22.92	22.71	24.0	0.0	
100	QPSK	135	138	21.95	22.16	21.96			
100	QPSK	271	5	21.97	22.08	21.94	23.0	1.0	
100	84QAM	1	1	21.46	21.55	21.51	23.0	1.0	
100	84QAM	1	1	19.96	19.98	19.97	21.5	2.5	
100	256QAM	1	1	19.26	19.30	19.30	20.0	4.0	
Channel									
Frequency [MHz]									
90	QPSK	1	1	22.41	22.95	22.77	24.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	22.48	22.98	22.79	24.0	0.0	
Channel									
Frequency [MHz]									
70	QPSK	1	1	22.43	22.86	22.67	24.0	0.0	
Channel									
Frequency [MHz]									
60	QPSK	1	1	22.38	22.93	22.71	24.0	0.0	
Channel									
Frequency [MHz]									
50	QPSK	1	1	22.44	22.99	22.87	24.0	0.0	
Channel									
Frequency [MHz]									
40	QPSK	1	1	22.47	23.04	22.88	24.0	0.0	
Channel									
Frequency [MHz]									
30	QPSK	1	1	22.45	22.99	22.87	24.0	0.0	
Channel									
Frequency [MHz]									
20	QPSK	1	1	22.48	22.86	22.74	24.0	0.0	
Channel									
Frequency [MHz]									
15	QPSK	1	1	22.44	23.03	22.89	24.0	0.0	
Channel									
Frequency [MHz]									
10	QPSK	1	1	22.47	23.05	22.78	24.0	0.0	

Part270_n77_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power L1 [F/Max] Ch./F/Max	Power M1 [F/Max] Ch./F/Max	Power P1 [F/Max] Ch./F/Max	Time-up time (s/min)	MPR (dB)	
Channel									
Frequency [MHz]									
100	P1/2 BPSK	1	1	19.23	19.61	19.50			
100	P1/2 BPSK	1	137	19.22	19.62	19.47	20.0	0.0	
100	P1/2 BPSK	1	271	19.18	19.69	19.53			
100	P1/2 BPSK	135	5	19.26	19.66	19.59	20.0	0.0	
100	P1/2 BPSK	135	89	19.27	19.57	19.37	20.0	0.0	
100	P1/2 BPSK	135	138	19.28	19.68	19.52	20.0	0.0	
100	P1/2 BPSK	271	5	19.29	19.65	19.47			
100	QPSK	1	1	19.25	19.71	19.60			
100	QPSK	1	137	19.16	19.63	19.46	20.0	0.0	
100	QPSK	1	271	19.35	19.55	19.51			
100	QPSK	135	5	19.21	19.59	19.45	20.0	0.0	
100	QPSK	135	89	19.26	19.55	19.35	20.0	0.0	
100	QPSK	135	138	19.26	19.65	19.46	20.0	0.0	
100	QPSK	271	5	19.21	19.65	19.52	20.0	0.0	
100	84QAM	1	1	19.29	19.57	19.53	20.0	0.0	
100	84QAM	1	1	19.29	19.57	19.53	20.0	0.0	
100	256QAM	1	1	19.19	19.65	19.36	20.0	0.0	
Channel									
Frequency [MHz]									
90	QPSK	1	1	19.22	19.55	19.36	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	19.32	19.59	19.53	20.0	0.0	
Channel									
Frequency [MHz]									
70	QPSK	1	1	19.28	19.56	19.58	20.0	0.0	
Channel									
Frequency [MHz]									
60	QPSK	1	1	19.26	19.49	19.49	20.0	0.0	
Channel									
Frequency [MHz]									
40	QPSK	1	1	19.23	19.63	19.56	20.0	0.0	
Channel									
Frequency [MHz]									
30	QPSK	1	1	19.25	19.61	19.57	20.0	0.0	
Channel									
Frequency [MHz]									
20	QPSK	1	1	19.25	19.63	19.56	20.0	0.0	
Channel									
Frequency [MHz]									
10	QPSK	1	1	19.23	19.65	19.58	20.0	0.0	
Channel									
Frequency [MHz]									
10	QPSK	1	1	19.23	19.68	19.53	20.0	0.0	

Part270_n77_Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power L1 [Ch./Freq. dBm]	Power Main [Ch./Freq. dBm]	Power T2 [Ch./Freq. dBm]	Turn-on time [s/min]	MPR [dB]	
Channel									
Frequency [MHz]									
100	P12 BPSK	1	1	18.92	19.28	18.46			
100	P12 BPSK	1	137	18.95	19.52	18.63	20.5	0.0	
100	P12 BPSK	1	271	18.95	19.25	18.47			
100	P12 BPSK	135	5	18.91	19.32	18.41	20.5	0.0	
100	P12 BPSK	135	89	18.95	19.25	18.63	20.5	0.0	
100	P12 BPSK	135	138	18.89	19.23	18.43	20.5	0.0	
100	P12 BPSK	271	5	18.99	19.53	18.47			
100	QPSK	1	1	18.93	19.35	18.53			
100	QPSK	1	137	18.98	19.35	18.47	20.5	0.0	
100	QPSK	1	271	19.37	19.25	18.54			
100	QPSK	135	5	18.91	19.21	18.49	20.5	0.0	
100	QPSK	135	89	19.05	19.25	18.50	20.5	0.0	
100	QPSK	135	138	18.97	19.23	18.41	20.5	0.0	
100	QPSK	271	5	18.92	19.35	18.46	20.5	0.0	
100	16QAM	1	1	18.99	19.35	18.49	20.5	0.0	
100	256QAM	1	1	18.99	19.53	18.29	20.5	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	18.95	19.31	18.44	20.5	0.0	
80	QPSK	1	1	18.94	19.28	18.42	20.5	0.0	
80	QPSK	1	1	18.98	19.28	18.42	20.5	0.0	
80	QPSK	1	1	18.96	19.22	18.38	20.5	0.0	
80	QPSK	1	1	18.99	19.37	18.50	20.5	0.0	
80	QPSK	1	1	19.00	19.34	18.48	20.5	0.0	
80	QPSK	1	1	18.94	19.21	18.40	20.5	0.0	
80	QPSK	1	1	18.99	19.27	18.50	20.5	0.0	
80	QPSK	1	1	18.93	19.29	18.45	20.5	0.0	
80	QPSK	1	1	18.92	19.34	18.50	20.5	0.0	

Part270(HPUe)_n77_Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power L1 Ch./Freq. dBm	Power Main Ch./Freq. dBm	Power T2 Ch./Freq. dBm	Turn-up time [s/min]	MPR [dB]	
Channel									
Frequency [MHz]									
100	P12 BPSK	1	1	21.78	22.27	22.08		0.0	
100	P12 BPSK	1	137	21.85	22.35	22.00	23.5	0.0	
100	P12 BPSK	1	271	21.85	22.31	22.05		0.0	
100	P12 BPSK	135	5	21.77	22.37	22.10	23.5	0.0	
100	P12 BPSK	135	89	21.87	22.35	22.05	23.5	0.0	
100	P12 BPSK	135	138	21.88	22.38	22.11	23.5	0.0	
100	P12 BPSK	271	5	21.85	22.35	22.04		0.0	
100	QPSK	1	1	21.81	22.37	22.12		0.0	
100	QPSK	1	137	21.77	22.33	22.07	23.5	0.0	
100	QPSK	1	271	21.77	22.37	21.99		0.0	
100	QPSK	135	5	21.88	22.33	22.02	23.5	0.0	
100	QPSK	135	89	21.85	22.35	22.05	23.5	0.0	
100	QPSK	135	138	21.88	22.38	22.12	23.5	0.0	
100	QPSK	271	5	21.84	22.35	22.02	23.5	0.0	
100	16QAM	1	1	21.79	22.35	22.04	23.5	0.0	
100	16QAM	1	1	21.83	22.33	22.09	23.5	0.0	
100	256QAM	1	1	21.43	22.08	21.91	23.5	0.5	
Channel									
Frequency [MHz]									
80	QPSK	1	1	21.68	22.21	22.10	23.5	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	21.83	22.35	22.04	23.5	0.0	
Channel									
Frequency [MHz]									
70	QPSK	1	1	21.88	22.35	21.99	23.5	0.0	
Channel									
Frequency [MHz]									
60	QPSK	1	1	21.81	22.33	21.98	23.5	0.0	
Channel									
Frequency [MHz]									
40	QPSK	1	1	21.83	22.33	22.05	23.5	0.0	
Channel									
Frequency [MHz]									
30	QPSK	1	1	21.83	22.27	22.02	23.5	0.0	
Channel									
Frequency [MHz]									
20	QPSK	1	1	21.95	22.32	21.97	23.5	0.0	
Channel									
Frequency [MHz]									
15	QPSK	1	1	21.88	22.22	21.93	23.5	0.0	
Channel									
Frequency [MHz]									
10	QPSK	1	1	21.69	22.29	21.91	23.5	0.0	

Part270_n77_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power L1 Ch./Freq. [dBm]	Power Main Ch./Freq. [dBm]	Power T2 Ch./Freq. [dBm]	Power High [dBm]	Turn-up time [s/min]	MPR [dB]
Channel									
Frequency [MHz]									
100	P12 BPSK	1	1	19.87	19.54	19.80			
100	P12 BPSK	1	137	19.93	19.52	19.54	20.0	0.0	0.0
100	P12 BPSK	1	271	19.58	19.53	19.82			
100	P12 BPSK	135	5	19.17	19.42	19.81	20.0	0.0	0.0
100	P12 BPSK	135	89	19.95	19.52	19.54	20.0	0.0	0.0
100	P12 BPSK	135	138	19.19	19.51	19.82	20.0	0.0	0.0
100	P12 BPSK	271	5	19.70	19.52	19.54			
100	QPSK	1	1	19.18	19.27	19.86			
100	QPSK	1	137	19.10	19.44	19.53	20.0	0.0	0.0
100	QPSK	1	271	19.95	19.52	19.51			
100	QPSK	135	5	19.13	19.42	19.83	20.0	0.0	0.0
100	QPSK	135	89	19.97	19.52	19.53	20.0	0.0	0.0
100	QPSK	135	138	19.10	19.49	19.82	20.0	0.0	0.0
100	QPSK	271	5	19.11	19.55	19.80	20.0	0.0	0.0
100	16QAM	1	1	19.12	19.55	19.45	20.0	0.0	0.0
100	16QAM	1	1	19.88	19.44	19.59	20.0	0.0	0.0
100	256QAM	1	1	17.89	18.45	18.38	19.5	0.5	0.5
Channel									
Frequency [MHz]									
90	QPSK	1	1	19.13	19.55	19.52	20.0	0.0	0.0
Channel									
Frequency [MHz]									
80	QPSK	1	1	19.14	19.49	19.82	20.0	0.0	0.0
Channel									
Frequency [MHz]									
70	QPSK	1	1	19.93	19.52	19.50	20.0	0.0	0.0
Channel									
Frequency [MHz]									
60	QPSK	1	1	19.16	19.48	19.81	20.0	0.0	0.0
Channel									
Frequency [MHz]									
50	QPSK	1	1	19.17	19.47	19.80	20.0	0.0	0.0
Channel									
Frequency [MHz]									
40	QPSK	1	1	19.18	19.42	19.84	20.0	0.0	0.0
Channel									
Frequency [MHz]									
30	QPSK	1	1	19.19	19.41	19.85	20.0	0.0	0.0
Channel									
Frequency [MHz]									
20	QPSK	1	1	19.20	19.40	19.87	20.0	0.0	0.0
Channel									
Frequency [MHz]									
10	QPSK	1	1	19.21	19.39	19.89	20.0	0.0	0.0
Channel									
Frequency [MHz]									
5	QPSK	1	1	19.22	19.38	19.90	20.0	0.0	0.0
Channel									
Frequency [MHz]									
0	QPSK	1	1	19.23	19.37	19.91	20.0	0.0	0.0
Channel									
Frequency [MHz]									
0	QPSK	1	1	19.24	19.35	19.94	20.0	0.0	0.0

Part270_n78_Ant 3									
SW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq. [dBm]	Power Main Ch./Freq. [dBm]	Power High Ch./Freq. [dBm]	Tune-up time (min)	MPR (dB)	
Channel									
Frequency [MHz]									
100	P12 BPSK	1	1	19.28			20.0	0.0	
100	P12 BPSK	1	137	19.27					
100	P12 BPSK	1	271	19.24					
100	P12 BPSK	135	5	19.19			19.5	0.5	
100	P12 BPSK	135	86	19.21			20.0	0.5	
100	P12 BPSK	135	138	19.18			19.5	0.5	
100	P12 BPSK	270	5	19.24			20.0	0.0	
100	QPSK	1	1	19.29					
100	QPSK	1	137	19.24					
100	QPSK	1	271	19.23			20.0	0.0	
100	QPSK	135	5	19.12			20.0	0.0	
100	QPSK	135	86	19.22					
100	QPSK	135	138	19.05					
100	QPSK	270	5	19.26			19.0	1.0	
100	84QAM	1	1	19.72			19.0	2.0	
100	256QAM	1	1	19.05			17.0	3.0	
Channel									
Frequency [MHz]									
90	QPSK	1	1	19.22			20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	19.16			20.0	0.0	
Channel									
Frequency [MHz]									
70	QPSK	1	1	19.26			20.0	0.0	
Channel									
Frequency [MHz]									
60	QPSK	1	1	19.23			20.0	0.0	
Channel									
Frequency [MHz]									
50	QPSK	1	1	19.18			20.0	0.0	
Channel									
Frequency [MHz]									
40	QPSK	1	1	19.20			20.0	0.0	
Channel									
Frequency [MHz]									
30	QPSK	1	1	19.16			20.0	0.0	
Channel									
Frequency [MHz]									
20	QPSK	1	1	19.14			20.0	0.0	
Channel									
Frequency [MHz]									
15	QPSK	1	1	19.13			20.0	0.0	
Channel									
Frequency [MHz]									
10	QPSK	1	1	19.20			20.0	0.0	

Part270(HPUe)_n78_Ant 3										
SW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq. [dBm]	Power Main Ch./Freq. [dBm]	Power High Ch./Freq. [dBm]	Tune-up time (min)	MPR (dB)		
Channel										
Frequency [MHz]										
100	P12 BPSK	1	1	21.08			22.0	0.0	0.0	
100	P12 BPSK	1	137	21.07						
100	P12 BPSK	1	271	21.03						
100	P12 BPSK	135	5	21.08			21.5	0.5		
100	P12 BPSK	135	86	21.07			22.0	0.5		
100	P12 BPSK	135	138	21.04			21.5	0.5		
100	P12 BPSK	270	5	21.05			22.0	0.0	0.0	
100	QPSK	1	1	21.09						
100	QPSK	1	137	21.07						
100	QPSK	1	271	21.04			21.0	0.0		
100	QPSK	135	5	21.07			22.0	0.0	0.0	
100	QPSK	135	86	20.98						
100	QPSK	135	138	19.78						
100	QPSK	270	5	20.94			21.0	1.0		
100	84QAM	1	1	20.72			21.0	1.0		
100	84QAM	1	1	19.42			19.5	2.0		
100	256QAM	1	1	17.50			18.0	4.0		
Channel										
Frequency [MHz]										
80	QPSK	1	1	21.05			22.0	0.0		
Channel										
Frequency [MHz]										
80	QPSK	1	1	21.05			22.0	0.0		
Channel										
Frequency [MHz]										
70	QPSK	1	1	20.98			22.0	0.0		
Channel										
Frequency [MHz]										
60	QPSK	1	1	21.04			22.0	0.0		
Channel										
Frequency [MHz]										
50	QPSK	1	1	20.97			22.0	0.0		
Channel										
Frequency [MHz]										
40	QPSK	1	1	20.97			22.0	0.0		
Channel										
Frequency [MHz]										
30	QPSK	1	1	21.08			22.0	0.0		
Channel										
Frequency [MHz]										
20	QPSK	1	1	21.03			22.0	0.0		
Channel										
Frequency [MHz]										
15	QPSK	1	1	20.94			22.0	0.0		
Channel										
Frequency [MHz]										
10	QPSK	1	1	20.95			22.0	0.0		

Part270_n78_Ant 4									
SW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq. [dBm]	Power Main Ch./Freq. [dBm]	Power High Ch./Freq. [dBm]	Tune-up time (min)	MPR (dB)	
Channel									
Frequency [MHz]									
100	P12 BPSK	1	1	19.13			20.0	0.0	
100	P12 BPSK	1	137	19.05					
100	P12 BPSK	1	271	19.15					
100	P12 BPSK	135	5	19.05			20.0	0.0	
100	P12 BPSK	135	86	19.01			20.0	0.0	
100	P12 BPSK	135	138	19.04			20.0	0.0	
100	P12 BPSK	270	5	19.09			20.0	0.0	
100	QPSK	1	1	19.16					
100	QPSK	1	137	19.11					
100	QPSK	1	271	19.02			20.0	0.0	
100	QPSK	135	5	19.09			20.0	0.0	
100	QPSK	135	86	19.14					
100	QPSK	135	138	19.11					
100	QPSK	270	5	19.09			20.0	0.0	
100	84QAM	1	1	19.12			20.0	0.0	
100	256QAM	1	1	19.08			20.0	0.0	
Channel									
Frequency [MHz]									
90	QPSK	1	1	19.11			20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	19.03			20.0	0.0	
Channel									
Frequency [MHz]									
70	QPSK	1	1	19.08			20.0	0.0	
Channel									
Frequency [MHz]									
60	QPSK	1	1	19.00			20.0	0.0	
Channel									
Frequency [MHz]									
50	QPSK	1	1	19.00			20.0	0.0	
Channel									
Frequency [MHz]									
40	QPSK	1	1	19.01			20.0	0.0	
Channel									
Frequency [MHz]									
30	QPSK	1	1	19.02			20.0	0.0	
Channel									
Frequency [MHz]									
20	QPSK	1	1	19.04			20.0	0.0	
Channel									
Frequency [MHz]									
10	QPSK	1	1	19.03			20.0	0.0	
Channel									
Frequency [MHz]									
10	QPSK	1	1	19.06			20.0	0.0	

Part270_m78_Ant 6									
RF [MHz]	Modulation	RF BW [MHz]	RF Offset	Power Level Ch. Freq. [dBm]	Antenna Dist. [m]	Power High. [dBm]	Power Low. [dBm]	Time-on-air [min]	MPK [dB]
150	PI2 BPSK	1	1	19.33				20.0	0.0
150	PI2 BPSK	1	137	19.34				20.0	0.0
150	PI2 BPSK	1	2171	19.36				20.0	0.0
150	PI2 BPSK	150	0	19.35				20.0	0.0
150	PI2 BPSK	150	150	19.34				20.0	0.0
150	PI2 BPSK	2010	0	19.36				20.0	0.0
150	QPSK	1	1	19.36				20.0	0.0
150	QPSK	1	137	19.27				20.0	0.0
150	QPSK	1	2171	19.27				20.0	0.0
150	QPSK	150	0	19.25				20.0	0.0
150	QPSK	150	150	19.24				20.0	0.0
150	QPSK	2170	0	19.27				20.0	0.0
150	QPSK	2170	2170	19.27				20.0	0.0
150	QPSK	1	1	19.26				20.0	0.0
150	QPSK	1	1	19.26				20.0	0.0
Channel									
Frequency [MHz]				945660	950000	950320	Frequency [MHz]		MPK
Power [dBm]				17.0	17.0	17.0	Power [dBm]		MPK
Bandwidth [MHz]				454314	950000	950000	Bandwidth [MHz]		MPK
Frequency [MHz]				945660	950000	950320	Frequency [MHz]		MPK
Power [dBm]				19.32	19.18	19.19	Power [dBm]		MPK
Bandwidth [MHz]				454314	950000	950000	Bandwidth [MHz]		MPK
Frequency [MHz]				945660	950000	950320	Frequency [MHz]		MPK
Power [dBm]				19.18	19.19	19.20	Power [dBm]		MPK
Bandwidth [MHz]				454314	950000	950000	Bandwidth [MHz]		MPK
Frequency [MHz]				3710.32	3710.32	3710.38	Frequency [MHz]		MPK
Power [dBm]				19.28	19.31	19.31	Power [dBm]		MPK
Bandwidth [MHz]				19.28	19.31	19.31	Bandwidth [MHz]		MPK
Frequency [MHz]				19.28	19.19	19.19	Frequency [MHz]		MPK
Power [dBm]				19.28	19.17	19.17	Power [dBm]		MPK
Bandwidth [MHz]				447688	950000	950320	Bandwidth [MHz]		MPK
Frequency [MHz]				3711.52	3711.52	3711.58	Frequency [MHz]		MPK
Power [dBm]				19.30	19.20	19.21	Power [dBm]		MPK
Bandwidth [MHz]				3711.51	3711.51	3711.58	Bandwidth [MHz]		MPK
Frequency [MHz]				19.28	19.22	19.19	Frequency [MHz]		MPK
Power [dBm]				19.28	19.21	19.21	Power [dBm]		MPK
Bandwidth [MHz]				3711.52	3711.52	3711.58	Bandwidth [MHz]		MPK
Frequency [MHz]				3711.52	3711.52	3711.58	Frequency [MHz]		MPK
Power [dBm]				19.32	19.22	19.21	Power [dBm]		MPK
Bandwidth [MHz]				454314	950000	950000	Bandwidth [MHz]		MPK
Frequency [MHz]				3710.32	3710.32	3710.38	Frequency [MHz]		MPK
Power [dBm]				19.32	19.22	19.21	Power [dBm]		MPK
Bandwidth [MHz]				454314	950000	950000	Bandwidth [MHz]		MPK

Part270(HPUe)_n78_Ant 6									
IR (Hz)	Mutators	File Size	IR Offset	Power-On Chksum E8000	Power-On Chksum E8000	Power High Chksum E8000	Power High Chksum E8000	Time to boot (s)	MPH (%)
100	IR-01	100	0	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	1	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	2	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	3	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	4	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	5	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	6	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	7	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	8	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	9	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	10	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	11	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	12	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	13	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	14	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	15	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	16	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	17	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	18	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	19	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	20	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	21	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	22	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	23	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	24	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	25	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	26	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	27	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	28	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	29	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	30	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	31	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	32	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	33	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	34	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	35	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	36	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	37	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	38	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	39	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	40	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	41	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	42	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	43	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	44	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	45	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	46	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	47	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	48	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	49	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	50	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	51	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	52	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	53	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	54	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	55	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	56	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	57	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	58	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	59	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	60	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	61	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	62	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	63	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	64	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	65	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	66	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	67	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	68	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	69	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	70	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	71	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	72	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	73	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	74	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	75	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	76	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	77	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	78	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	79	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	80	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	81	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	82	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	83	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	84	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	85	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	86	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	87	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	88	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	89	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	90	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	91	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	92	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	93	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	94	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	95	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	96	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	97	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	98	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	99	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	100	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	101	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	102	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	103	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	104	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	105	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	106	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	107	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	108	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	109	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	110	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	111	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	112	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	113	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	114	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	115	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	116	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	117	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	118	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	119	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	120	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	121	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	122	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	123	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	124	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	125	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	126	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	127	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	128	22,22	22,22	22,22	22,22	22,22	0,0
100	IR-01	100	129	22,22	22,22	22,22	22,22</		

[illegible][illegible]

Part 27Q_Band 42_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				42190	42590	42990		
				3460	3500	3540		
20	QPSK	1	0	19.24	19.26	19.19		
20	QPSK	1	49	20.16	20.27	20.12	22	0
20	QPSK	1	99	20.22	20.30	20.16		
20	QPSK	50	0	19.31	19.28	19.23		
20	QPSK	50	24	19.21	19.24	19.19		
20	QPSK	50	50	19.13	19.22	19.09	21	1
20	QPSK	100	0	19.18	19.20	19.12		
20	16QAM	1	49	19.24	19.26	19.19		
20	16QAM	1	49	19.19	19.21	19.11	21	1
20	16QAM	1	99	19.07	19.22	19.06		
20	16QAM	50	0	18.08	18.18	18.09		
20	16QAM	50	24	18.02	18.05	18.00		
20	16QAM	50	50	18.09	18.17	18.10	20	2
20	16QAM	100	0	18.02	18.17	18.14		
20	64QAM	1	0	18.14	18.26	18.13		
20	64QAM	1	49	18.02	18.14	18.10	20	2
20	64QAM	1	99	18.08	18.19	18.14		
20	64QAM	50	0	17.12	17.27	17.18		
20	64QAM	50	24	17.06	17.26	17.13		
20	64QAM	50	50	17.19	17.25	17.21	19	3
20	64QAM	100	0	17.21	17.33	17.22		
20	256QAM	1	0	15.32	15.35	15.24		
20	256QAM	1	49	15.26	15.27	15.18	17	5
20	256QAM	1	99	15.15	15.27	15.18		
20	256QAM	50	0	15.18	15.20	15.17		
20	256QAM	50	24	15.24	15.28	15.22	17	5
20	256QAM	50	50	15.24	15.28	15.22		
20	256QAM	100	0	15.24	15.33	15.31		
Channel								
Frequency (MHz)				42165	42590	43015	Time-up limit (dBm)	MPR (dB)
				34615	3500	35415		
15	QPSK	1	0	20.06	20.23	20.02		
15	QPSK	1	37	20.29	20.28	20.20	22	0
15	QPSK	1	74	20.25	20.31	20.08		
15	QPSK	36	0	19.08	19.13	19.10		
15	QPSK	36	20	19.21	19.31	19.13	21	1
15	QPSK	36	39	19.11	19.14	19.06		
15	QPSK	75	0	19.19	19.21	19.02		
15	16QAM	1	49	19.24	19.24	19.17	21	1
15	16QAM	1	37	19.09	19.14	19.04		
15	16QAM	1	74	19.08	19.19	19.09		
15	16QAM	36	0	18.08	18.13	18.11		
15	16QAM	36	20	18.08	18.08	18.09	20	2
15	16QAM	36	39	18.07	18.10	18.04		
15	16QAM	75	0	18.08	18.12	18.17		
15	16QAM	75	0	18.18	18.21	18.15		
15	64QAM	1	37	18.04	18.07	18.14	20	2
15	64QAM	1	74	18.11	18.23	18.12		
15	64QAM	36	0	17.14	17.19	17.19		
15	64QAM	36	20	17.26	17.26	17.23	19	3
15	64QAM	36	39	17.16	17.17	17.11		
15	64QAM	75	0	17.24	17.35	17.15		
15	256QAM	1	37	15.29	15.31	15.28	17	5
15	256QAM	1	37	15.16	15.31	15.22		
15	256QAM	1	74	15.08	15.30	15.21		
15	256QAM	36	0	15.13	15.24	15.08		
15	256QAM	36	20	15.16	15.28	15.24	17	5
15	256QAM	36	39	15.19	15.24	15.13		
15	256QAM	75	0	15.20	15.31	15.31	Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				42165	42590	43015		
				3465	3500	3545		
10	QPSK	1	0	20.17	20.21	20.11		
10	QPSK	1	25	20.23	20.24	20.11	22	0
10	QPSK	1	49	20.26	20.28	20.08		
10	QPSK	25	0	19.15	19.14	19.15		
10	QPSK	25	12	19.11	19.29	19.26	21	1
10	QPSK	25	25	19.15	19.12	19.11		
10	QPSK	50	0	19.11	19.12	19.10		
10	16QAM	1	0	19.23	19.29	19.13		
10	16QAM	1	25	19.10	19.11	19.10	21	1
10	16QAM	1	49	19.05	19.20	19.06		
10	16QAM	25	0	18.05	18.15	18.06		
10	16QAM	25	12	18.06	18.10	18.06	20	2
10	16QAM	25	25	18.02	18.15	18.13		
10	16QAM	50	0	18.06	18.16	18.10		
10	64QAM	1	0	18.07	18.25	18.10		
10	64QAM	1	25	18.01	18.09	18.02	20	2
10	64QAM	1	49	18.09	18.21	18.16		
10	64QAM	25	0	17.05	17.27	17.11		
10	64QAM	25	12	17.33	17.31	17.36	19	3
10	64QAM	25	25	17.17	17.17	17.11		
10	64QAM	50	0	17.19	17.26	17.24		
10	256QAM	1	0	15.25	15.32	15.25		
10	256QAM	1	25	15.19	15.30	15.10	17	5
10	256QAM	1	49	15.15	15.24	15.17		
10	256QAM	25	0	15.11	15.16	15.20		
10	256QAM	25	12	15.27	15.26	15.28	17	5
10	256QAM	25	25	15.18	15.29	15.17		
10	256QAM	50	0	15.21	15.29	15.21	Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				42115	42590	43005		
				3452.5	3500	3547.5		
5	QPSK	1	0	20.23	20.28	20.13		
5	QPSK	1	12	20.18	20.30	20.17	22	0
5	QPSK	1	24	20.21	20.30	20.16		
5	QPSK	12	0	19.11	19.15	19.14		
5	QPSK	12	7	19.18	19.25	19.19	21	1
5	QPSK	12	13	19.19	19.22	19.10		
5	QPSK	25	0	19.18	19.23	19.07		
5	16QAM	1	0	19.24	19.16	19.19	21	1
5	16QAM	1	12	19.21	19.11	19.02		
5	16QAM	1	24	19.11	19.16	19.02		
5	16QAM	12	0	18.06	18.21	18.03		
5	16QAM	12	7	18.09	18.09	18.06	20	2
5	16QAM	12	13	18.02	18.08	18.04		
5	16QAM	25	0	18.02	18.18	18.16		
5	64QAM	1	0	18.06	18.21	18.08		
5	64QAM	1	12	18.05	18.04	18.00	20	2
5	64QAM	1	24	18.09	18.16	18.10		
5	64QAM	12	0	17.02	17.30	17.11		
5	64QAM	12	7	17.37	17.28	17.35	19	3
5	64QAM	12	13	17.18	17.24	17.20		
5	64QAM	25	0	17.23	17.37	17.18		
5	256QAM	1	0	15.32	15.38	15.23		
5	256QAM	1	12	15.19	15.30	15.14	17	5
5	256QAM	1	24	15.13	15.25	15.10		
5	256QAM	12	0	15.14	15.12	15.10		
5	256QAM	12	7	15.23	15.32	15.26	17	5
5	256QAM	12	13	15.23	15.25	15.23		
5	256QAM	25	0	15.25	15.32	15.25		

Reduced Power Mode for DSI 1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				34160	42590	42990		
				34600	35000	35400		
20	QPSK	1	0	23.40	23.51	23.48		
20	QPSK	1	49	23.33	23.48	23.44	24	0
20	QPSK	1	99	23.27	23.38	23.36		
20	QPSK	50	0	23.36	23.43	23.42		
20	QPSK	50	24	23.11	23.21	23.16	24	0
20	QPSK	50	50	23.22	23.35	23.25		
20	QPSK	100	0	23.36	23.41	23.39		
20	16QAM	1	0	23.42	23.50	23.44		
20	16QAM	1	49	23.40	23.43	23.39	24	0
20	16QAM	1	99	23.25	23.40	23.37		
20	16QAM	50	0	22.96	23.05	23.01		
20	16QAM	50	24	23.01	23.08	23.07	23.5	0.5
20	16QAM	50	50	23.03	23.06	22.99		
20	16QAM	100	0	22.93	23.04	22.89		
20	64QAM	1	0	22.99	23.10	22.97		
20	64QAM	1	49	23.10	23.13	23.02	23.5	0.5
20	64QAM	1	99	22.87	23.05	22.95		
20	64QAM	50	0	22.20	22.22	22.11		
20	64QAM	50	24	22.07	22.10	22.05	22.5	1.5
20	64QAM	50	50	22.15	22.26	22.19		
20	64QAM	100	0	22.18	22.23	22.10		
20	256QAM	1	0	19.82	19.82	19.91		
20	256QAM	1	49	19.79	19.83	19.90	20	4
20	256QAM	1	99	19.81	19.83	19.80		
20	256QAM	50	0	19.63	19.77	19.70		
20	256QAM	50	24	19.77	19.78	19.77		
20	256QAM	50	50	19.73	19.79	19.71	20	4
20	256QAM	100	0	19.70	19.85	19.78		
Channel								
Frequency (MHz)				34175	42590	43015	Time-up limit (dBm)	MPR (dB)
				34615	35000	35415		
15	QPSK	1	0	23.19	23.47	23.31		
15	QPSK	1	37	23.26	23.45	23.42	24	0
15	QPSK	1	74	23.29	23.24	23.35		
15	QPSK	36	0	23.17	23.13	23.20		
15	QPSK	36	20	23.33	23.35	23.30	24	0
15	QPSK	36	39	23.21	23.20	23.16		
15	QPSK	75	0	23.35	23.35	23.35		
15	QPSK	75	24	23.14	23.17	23.08	24	0
15	QPSK	75	39	23.22	23.32	23.25		
15	16QAM	1	0	22.97	23.12	22.99		
15	16QAM	1	49	23.12	23.15	23.04	23.5	0.5
15	16QAM	1	99	22.89	23.09	22.96		
15	16QAM	50	0	22.20	22.22	22.11		
15	16QAM	50	24	22.07	22.10	22.05	22.5	1.5
15	16QAM	50	50	22.15	22.26	22.19		
15	16QAM	100	0	22.18	22.23	22.10		
15	256QAM	1	0	19.80	19.85	19.86		
15	256QAM	1	37	19.89	19.77	19.79	20	4
15	256QAM	1	74	19.79	19.80	19.85		
15	256QAM	36	0	19.52	19.68	19.57		
15	256QAM	36	20	19.68	19.75	19.72	20	4
15	256QAM	36	39	19.68	19.68	19.75		
15	256QAM	75	0	19.68	19.82	19.75		
Channel								
Frequency (MHz)				34180	42590	43040	Time-up limit (dBm)	MPR (dB)
				34650	35000	35450		
10	QPSK	1	0	23.20	23.34	23.32		
10	QPSK	1	49	23.33	23.47	23.45	24	0
10	QPSK	1	99	23.24	23.25	23.30		
10	QPSK	25	0	23.18	23.31	23.21		
10	QPSK	25	12	23.42	23.30	23.30	24	0
10	QPSK	25	25	23.15	23.20	23.12		
10	QPSK	50	0	23.25	23.26	23.25		
10	QPSK	50	1	23.41	23.40	23.42	24	0
10	QPSK	50	2	23.35	23.35	23.35		
10	16QAM	1	49	23.18	23.38	23.35		
10	16QAM	25	0	22.81	22.94	22.95	23.5	0.5
10	16QAM	25	12	22.98	23.01	23.05		
10	16QAM	25	25	22.98	22.98	22.98		
10	16QAM	50	0	22.89	22.98	22.96		
10	16QAM	50	1	22.93	23.08	22.92	23.5	0.5
10	16QAM	50	2	22.92	23.04	22.91		
10	64QAM	25	0	22.16	22.16	22.16		
10	64QAM	25	12	21.97	22.17	21.94	22.5	1.5
10	64QAM	25	25	22.15	22.20	22.15		
10	64QAM	50	0	22.16	22.18	22.09		
10	256QAM	1	0	19.70	19.81	19.79		
10	256QAM	1	49	19.76	19.70	19.86	20	4
10	256QAM	1	99	19.67	19.71	19.71		
10	256QAM	25	0	19.62	19.76	19.63		
10	256QAM	25	12	19.72	19.70	19.62	20	4
10	256QAM	25	25	19.71	19.74	19.70		
10	256QAM	50	0	19.65	19.74	19.71		
Channel								
Frequency (MHz)				34215	42590	43065	Time-up limit (dBm)	MPR (dB)
				34655	35000	35475		
5	QPSK	1	0	23.23	23.41	23.38		
5	QPSK	1	49	23.38	23.39	23.39	24	0
5	QPSK	1	24	23.38	23.26	23.34		
5	QPSK	12	0	23.27	23.26	23.30		
5	QPSK	12	6	23.22	23.29	23.25	24	0
5	QPSK	12	13	23.13	23.33	23.15		
5	QPSK	25	0	23.29	23.33	23.36		
5	QPSK	25	1	23.31	23.35	23.39	24	0
5	16QAM	1	24	23.15	23.31	23.31		
5	16QAM	12	0	22.95	23.03	22.97	23.5	0.5
5	16QAM	12	6	22.98	23.00	22.98		
5	16QAM	12	13	22.86	23.05	22.89		
5	16QAM	25	0	22.80	22.97	22.79		
5	64QAM	1	0	22.89	23.09	22.89	23.5	0.5
5	64QAM	1	12	23.03	23.09	23.03		
5	64QAM	1	24	22.91	22.93	22.85		
5	64QAM	12	0	22.18	22.21	22.09	22.5	1.5
5	64QAM	12	7	21.97	22.10	21.99		
5	64QAM	12	13	22.06	22.11	22.01		
5	256QAM	1	0	19.68	19.75	19.75		
5	256QAM	1	24	19.75	19.81	19.68	20	4
5	256QAM	12	0	19.51	19.62	19.67		
5	256QAM	12	7	19.66	19.75	19.63	20	4
5	256QAM	12	13	19.67	19.64	19.60		
5	256QAM	25	0	19.57	19.73	19.69		

n26_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR			
Channel											
Frequency (MHz)											
20	PQ2 BPSK	1	1	22.98	23.12	23.10	24.0	0.0			
20	PQ2 BPSK	1	53	22.99	23.08	22.99					
20	PQ2 BPSK	1	104	22.93	22.98	22.88					
20	PQ2 BPSK	50	0	22.99	23.11	23.03	24.0	0.0			
20	PQ2 BPSK	50	28	22.98	23.03	23.00	24.0	0.0			
20	PQ2 BPSK	50	56	22.93	23.06	23.00					
20	PQ2 BPSK	100	0	22.97	23.05	23.02					
20	QPSK	1	1	23.12	23.18	23.05	24.0	0.0			
20	QPSK	1	53	22.89	23.02	22.87					
20	QPSK	1	104	22.87	22.92	22.83					
20	QPSK	50	0	22.95	23.07	22.94	24.0	0.0			
20	QPSK	50	28	23.07	23.11	23.03	24.0	0.0			
20	QPSK	50	56	22.90	23.04	22.92	24.0	0.0			
20	QPSK	100	0	22.95	23.05	23.04					
20	16QAM	1	1	22.95	23.11	23.07					
20	64QAM	1	1	21.54	21.68	21.56	22.5		2.0		
20	256QAM	1	1	20.03	20.07	19.99					
Channel											
Frequency (MHz)											
15	QPSK	1	1	22.98	23.10	22.98	24.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	22.98	23.03	22.98	24.0	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	23.10	23.05	23.03	24.0	0.0			

n26_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164500	Power Middle Ch. / Freq. 165000	Power High Ch. / Freq. 167000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	PQ2 BPSK	1	1	22.71	22.81	22.80	24.0	0.0			
20	PQ2 BPSK	1	53	22.76	22.81	22.77					
20	PQ2 BPSK	1	104	22.61	22.68	22.53					
20	PQ2 BPSK	50	0	22.82	22.88	22.78	24.0	0.0			
20	PQ2 BPSK	50	28	22.76	22.79	22.74	24.0	0.0			
20	PQ2 BPSK	50	56	22.67	22.75	22.71	24.0	0.0			
20	PQ2 BPSK	100	0	22.76	22.83	22.81					
20	QPSK	1	1	22.83	22.91	22.87					
20	QPSK	1	53	22.69	22.83	22.81	24.0	0.0			
20	QPSK	1	104	22.65	22.74	22.61	24.0	0.0			
20	QPSK	50	0	22.72	22.78	22.67					
20	QPSK	50	28	22.79	22.87	22.81					
20	QPSK	50	56	22.65	22.68	22.61	24.0	0.0			
20	QPSK	100	0	22.71	22.77	22.63	24.0	0.0			
20	16QAM	1	1	22.50	22.60	22.56					
20	64QAM	1	1	21.00	21.07	20.99					
20	256QAM	1	1	19.64	19.69	19.64	20.5	3.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	22.76	22.78	22.81	24.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	22.77	22.80	22.74	24.0	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	22.70	22.83	22.74	24.0	0.0			

n38_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				518004	519000	519996	24.0					
40	PI2 BPSK	1	1	22.51	22.53	22.52	24.0	0.0				
40	PI2 BPSK	1	53	22.50	22.53	22.43						
40	PI2 BPSK	1	104	22.27	22.36	22.30						
40	PI2 BPSK	50	0	21.97	22.12	22.03	23.5	0.5				
40	PI2 BPSK	50	28	22.38	22.52	22.37	24.0	0.0				
40	PI2 BPSK	50	56	21.99	22.05	21.93	23.5	0.5				
40	PI2 BPSK	100	0	22.10	22.11	22.10						
40	QPSK	1	1	22.50	22.50	22.57						
40	QPSK	1	53	22.45	22.50	22.38	24.0	0.0				
40	QPSK	1	104	22.19	22.30	22.16						
40	QPSK	50	0	21.93	21.84	21.61						
40	QPSK	50	28	22.47	22.51	22.38	24.0	0.0				
40	QPSK	50	56	21.97	21.46	21.36						
40	QPSK	100	0	21.62	21.61	21.52	23.0	1.0				
40	16QAM	1	1	21.38	21.48	21.38	23.0	1.0				
40	64QAM	1	1	19.83	19.77	19.62	21.5	2.5				
40	256QAM	1	1	18.38	18.21	18.18	19.5	4.5				
Channel												
Frequency (MHz)				517002	518000	520098	Tune-up limit (dBm)	MPR (dB)				
30	QPSK	1	1	22.56	22.55	22.54	24.0	0.0				
Channel												
Frequency (MHz)				518504	519000	521496	Tune-up limit (dBm)	MPR (dB)				
25	QPSK	1	1	22.51	22.54	22.52	24.0	0.0				
Channel												
Frequency (MHz)				516000	516000	520000	Tune-up limit (dBm)	MPR (dB)				
20	QPSK	1	1	22.48	22.47	22.50	24.0	0.0				
Channel												
Frequency (MHz)				515502	516000	520498				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	24.0	0.0				
15	QPSK	1	1	22.53	22.56	22.56						
Channel												
Frequency (MHz)				515004	516000	520500	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2575.02	2595	2614.98	24.0	0.0				
10	QPSK	1	1	22.54	22.45	22.44						
Channel												
Frequency (MHz)				514500	516000	520500	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2572.5	2595	2617.5	24.0	0.0				
5	QPSK	1	1	22.51	22.48	22.43						

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				516004	516000	516996			
40	PI2 BPSK	1	1	17.14	17.16	17.28	18.0	0.0	
40	PI2 BPSK	1	53	17.09	17.20	17.27			
40	PI2 BPSK	1	104	17.06	17.20	17.16			
40	PI2 BPSK	50	0	17.18	17.28	17.17	18.0	0.0	
40	PI2 BPSK	50	28	17.10	17.21	17.29	18.0	0.0	
40	PI2 BPSK	50	56	17.09	17.28	17.16	18.0	0.0	
40	PI2 BPSK	100	0	17.19	17.28	17.23			
40	QPSK	1	1	17.20	17.31	17.36			
40	QPSK	1	53	17.13	17.26	17.22	18.0	0.0	
40	QPSK	1	104	17.07	17.24	17.16			
40	QPSK	50	0	17.11	17.16	17.21			
40	QPSK	50	28	17.15	17.28	17.26	18.0	0.0	
40	QPSK	50	56	17.07	17.24	17.19			
40	QPSK	100	0	17.18	17.24	17.17	18.0	0.0	
40	16QAM	1	1	17.14	17.16	17.22	18.0	0.0	
40	64QAM	1	1	17.16	17.24	17.27	18.0	0.0	
40	256QAM	1	1	17.07	17.12	17.05	17.5	0.5	
Channel									
Frequency (MHz)				517002	516000	520998	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	17.05	17.22	17.15	18.0	0.0	
Channel									
Frequency (MHz)				516504	516000	521496	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	17.10	17.17	17.20	18.0	0.0	
Channel									
Frequency (MHz)				516000	516000	520000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610	18.0	0.0	
20	QPSK	1	1	17.15	17.25	17.28			
Channel									
Frequency (MHz)				515502	516000	520498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	18.0	0.0	
15	QPSK	1	1	17.07	17.28	17.23			
Channel									
Frequency (MHz)				515004	516000	520500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98	18.0	0.0	
10	QPSK	1	1	17.05	17.17	17.28			
Channel									
Frequency (MHz)				514500	516000	520500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5	18.0	0.0	
5	QPSK	1	1	17.18	17.28	17.21			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				506200	516000	529000						
100	PI2 BPSK	1	1	22.64	22.75	22.64	24.0	0.0				
100	PI2 BPSK	1	137	22.51	22.63	22.62						
100	PI2 BPSK	1	271	22.48	22.54	22.48						
100	PI2 BPSK	135	0	22.23	22.33	22.29	23.5	0.5				
100	PI2 BPSK	135	69	22.62	22.66	22.58	24.0	0.0				
100	PI2 BPSK	135	138	22.04	22.08	21.93	23.5	0.5				
100	PI2 BPSK	270	0	22.08	22.13	22.02						
100	QPSK	1	1	22.71	22.82	22.66						
100	QPSK	1	137	22.47	22.56	22.42	24.0	0.0				
100	QPSK	1	271	22.50	22.59	22.52						
100	QPSK	135	0	21.94	21.81	21.70						
100	QPSK	135	69	22.67	22.68	22.59	24.0	0.0				
100	QPSK	135	138	21.48	21.58	21.51						
100	QPSK	270	0	21.54	21.63	21.52	23.0	1.0				
100	16QAM	1	1	21.84	21.85	21.88	23.0	1.0				
100	64QAM	1	1	19.76	19.86	19.85	21.5	2.5				
100	256QAM	1	1	18.53	18.56	18.48	19.5	4.5				
Channel												
Frequency (MHz)				506200	516000	529998	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2541	2552.98	2564.98	24.0	0.0				
90	QPSK	1	1	22.58	22.71	22.63						
Channel												
Frequency (MHz)				507204	516000	529998	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2538.02	2549.98	2561.98	24.0	0.0				
80	QPSK	1	1	22.57	22.71	22.59						
Channel												
Frequency (MHz)				506200	516000	531000	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2531.01	2552.98	2563	24.0	0.0				
70	QPSK	1	1	22.10	22.78	22.52						
Channel												
Frequency (MHz)				505200	516000	531998	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2526	2552.98	2569.98	24.0	0.0				
60	QPSK	1	1	22.85	22.76	22.81				24.0	0.8	
Channel												
Frequency (MHz)				504200	516000	533998	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2512.02	2552.98	2564.99	24.0	0.0				
50	QPSK	1	1	22.59	22.77	22.51				24.0	0.0	
Channel												
Frequency (MHz)				503200	516000	534000	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2502.04	2552.98	2570	24.0	0.0				
40	QPSK	1	1	22.57	22.78	22.51				24.0	0.0	
Channel												
Frequency (MHz)				502704	516000	534400	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2502.12	2552.98	2572.49	24.0	0.0				
30	QPSK	1	1	22.65	22.72	22.59				24.0	0.0	
Channel												
Frequency (MHz)				502000	516000	534900	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2511	2552.98	2574.98	24.0	0.0				
30	QPSK	1	1	22.58	22.70	22.59				24.0	0.0	
Channel												
Frequency (MHz)				501200	516000	535398	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2506.02	2552.98	2579.99	24.0	0.0				
20	QPSK	1	1	22.87	22.78	22.80				24.0	0.0	
Channel												
Frequency (MHz)				500200	516000	536248	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2500.5	2552.98	2582.48	24.0	0.0				
15	QPSK	1	1	22.80	22.79	22.81				24.0	0.0	
Channel												
Frequency (MHz)				500200	516000	537000	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2499.99	2552.98	2588	24.0	0.0				
10	QPSK	1	1	22.83	22.73	22.92				24.0	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									
Frequency (MHz)				506202	518998	528000			
100	P1/2 BPSK	1	1	17.01	17.13	16.79	18.0	0.0	
100	P1/2 BPSK	1	137	17.03	17.22	16.76			
100	P1/2 BPSK	1	271	17.10	17.12	16.83			
100	P1/2 BPSK	135	0	17.11	17.16	16.85	18.0	0.0	
100	P1/2 BPSK	135	69	17.07	17.22	16.88	18.0	0.0	
100	P1/2 BPSK	135	138	17.02	17.16	16.79	18.0	0.0	
100	P1/2 BPSK	270	0	17.07	17.22	16.76			
100	QPSK	1	1	17.15	17.23	16.90			
100	QPSK	1	137	17.09	17.15	16.82	18.0	0.0	
100	QPSK	1	271	17.14	17.09	16.84			
100	QPSK	135	0	17.10	17.17	16.77			
100	QPSK	135	69	17.11	17.20	16.87	18.0	0.0	
100	QPSK	135	138	17.10	17.17	16.78	18.0	0.0	
100	QPSK	270	0	17.02	17.15	16.82			
100	16QAM	1	1	17.13	17.18	16.81			
100	64QAM	1	1	17.08	17.20	16.79	18.0	0.0	
100	256QAM	1	1	17.13	17.18	16.86	17.5	0.5	
Channel				505200	518998	530998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2552.99	2654.98			
90	QPSK	1	1	17.04	17.15	16.86	18.0	0.0	
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2548.02	2552.99	2648.99			
80	QPSK	1	1	17.00	17.10	16.87	18.0	0.0	
Channel				506202	518998	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2552.99	2650			
70	QPSK	1	1	17.08	17.20	16.81	18.0	0.0	
Channel				505200	518998	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2552.99	2659.98			
60	QPSK	1	1	17.14	17.09	16.88	18.0	0.0	
Channel				505204	518998	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2552.99	2664.99			
50	QPSK	1	1	17.14	17.21	16.84	18.0	0.0	
Channel				502202	518998	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2518.01	2552.99	2670			
40	QPSK	1	1	17.09	17.12	16.82	18.0	0.0	
Channel				502704	518998	534498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2518.02	2552.99	2672.99			
35	QPSK	1	1	17.02	17.21	16.88	18.0	0.0	
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2552.99	2674.98			
30	QPSK	1	1	17.03	17.11	16.76	18.0	0.0	
Channel				503204	518998	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2552.99	2679.99			
20	QPSK	1	1	17.07	17.10	16.79	18.0	0.0	
Channel				503200	518998	536998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2552.99	2682.48			
15	QPSK	1	1	17.02	17.13	16.82	18.0	0.0	
Channel				500200	518998	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2493.01	2552.99	2686			
10	QPSK	1	1	17.07	17.21	16.89	18.0	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									
Frequency (MHz)				3750	3840	3900			
100	P1/2 BPSK	1	1	20.71	21.04	20.91	22.0	0.0	
100	P1/2 BPSK	1	137	20.66	21.06	20.94			
100	P1/2 BPSK	1	271	20.73	21.06	20.92			
100	P1/2 BPSK	135	0	20.65	21.06	21.01	22.0	0.0	
100	P1/2 BPSK	135	69	20.60	21.02	20.89	22.0	0.0	
100	P1/2 BPSK	135	138	20.67	21.01	20.86	22.0	0.0	
100	P1/2 BPSK	270	0	20.67	21.02	20.91			
100	QPSK	1	1	20.75	21.07	20.96			
100	QPSK	1	137	20.56	20.97	20.84	22.0	0.0	
100	QPSK	1	271	20.68	21.05	20.95			
100	QPSK	135	0	19.92	20.21	20.06			
100	QPSK	135	69	20.55	20.98	20.90	22.0	0.0	
100	QPSK	135	138	19.93	20.37	20.26			
100	QPSK	270	0	19.89	20.24	20.18			
100	16QAM	1	1	19.81	19.98	19.88	21.0	1.0	
100	64QAM	1	1	18.34	18.73	18.70	19.5	2.5	
100	256QAM	1	1	17.34	17.74	17.63	18.0	4.0	
Channel				646668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	20.65	20.99	20.81	22.0	0.0	
Channel				646334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3938.99			
80	QPSK	1	1	20.65	20.94	20.89	22.0	0.0	
Channel				646000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3943			
70	QPSK	1	1	20.62	20.95	20.92	22.0	0.0	
Channel				646668	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1	20.64	21.06	20.88	22.0	0.0	
Channel				646334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1	20.63	21.01	20.89	22.0	0.0	
Channel				646000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3950			
40	QPSK	1	1	20.60	21.05	20.83	22.0	0.0	
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3840	3948.98			
30	QPSK	1	1	20.71	20.92	20.88	22.0	0.0	
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3953.99			
20	QPSK	1	1	20.65	20.98	20.82	22.0	0.0	
Channel				647168	656000	664532	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.48			
15	QPSK	1	1	20.66	20.99	20.82	22.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	20.62	20.94	20.84	22.0	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									
Frequency (MHz)				65000	65000	66200			
100	P1/2 BPSK	1	1	22.49	23.03	22.87	24.0	0.0	
100	P1/2 BPSK	1	137	22.36	23.01	22.84			
100	P1/2 BPSK	1	271	22.36	22.92	22.72			
100	P1/2 BPSK	135	0	22.44	22.98	22.82	23.5	0.5	
100	P1/2 BPSK	135	69	22.39	23.01	22.82	24.0	0.0	
100	P1/2 BPSK	135	138	22.26	22.89	22.72	23.5	0.5	
100	P1/2 BPSK	270	0	22.37	22.97	22.73			
100	QPSK	1	1	22.49	23.06	22.82	24.0	0.0	
100	QPSK	1	137	22.22	22.83	22.66			
100	QPSK	1	271	22.41	22.96	22.77			
100	QPSK	135	0	21.98	22.19	21.96	24.0	0.0	
100	QPSK	135	69	22.30	22.92	22.76			
100	QPSK	135	138	21.95	22.10	21.85			
100	QPSK	270	0	21.97	22.08	21.94	23.0	1.0	
100	16QAM	1	1	21.40	21.93	21.73	23.5	1.0	
100	64QAM	1	1	19.96	20.58	20.37	21.5	2.5	
100	256QAM	1	1	19.82	19.82	19.60	20.0	3.0	
Channel				64598	66000	66232			
Frequency (MHz)				37462	38400	39548			
90	QPSK	1	1	22.41	22.99	22.77	24.0	0.0	
Channel				64334	66000	66266			
Frequency (MHz)				17431	37462	39548			
80	QPSK	1	1	22.48	23.08	22.78	24.0	0.0	
Channel				65000	65000	65300			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.43	22.98	22.67	24.0	0.0	
Channel				64598	66000	66332			
Frequency (MHz)				37302	3840	3949.98			
60	QPSK	1	1	22.38	23.03	22.71	24.0	0.0	
Channel				64598	66000	66366			
Frequency (MHz)				37253	3840	3954.98			
50	QPSK	1	1	22.44	23.03	22.67	24.0	0.0	
Channel				64800	66000	66400			
Frequency (MHz)				37101	3840	3959.98			
40	QPSK	1	1	22.47	23.04	22.68	24.0	0.0	
Channel				64768	66000	66432			
Frequency (MHz)				371152	3840	3964.98			
30	QPSK	1	1	22.49	23.09	22.67	24.0	0.0	
Channel				64732	66000	66468			
Frequency (MHz)				37101	3840	3969.98			
20	QPSK	1	1	22.48	23.08	22.74	24.0	0.0	
Channel				64716	66000	66532			
Frequency (MHz)				370752	3840	3972.48			
15	QPSK	1	1	22.44	23.03	22.69	24.0	0.0	
Channel				64700	66000	66500			
Frequency (MHz)				3702	3840	3978			
10	QPSK	1	1	22.47	23.05	22.78	24.0	0.0	

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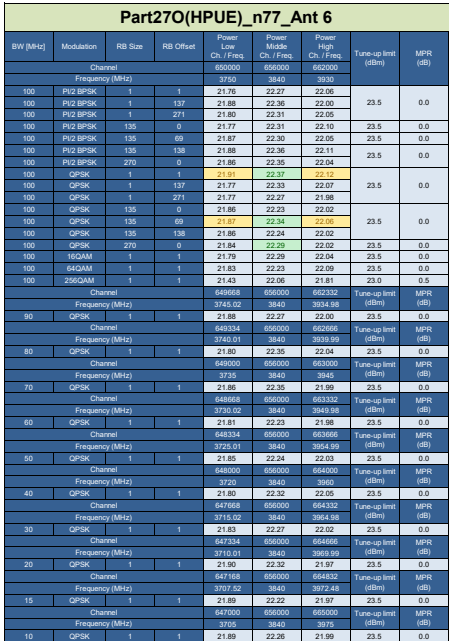
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3750	3840	3930		
100	P1/2 BPSK	1	1	23.12	23.57	23.56	24.0	0.0
100	P1/2 BPSK	1	137	23.18	23.59	23.48		
100	P1/2 BPSK	1	241	23.14	23.53	23.40		
100	P1/2 BPSK	135	0	23.22	23.56	23.50	24.0	0.0
100	P1/2 BPSK	135	69	23.25	23.62	23.57	24.0	0.0
100	P1/2 BPSK	135	138	23.21	23.56	23.46	24.0	0.0
100	P1/2 BPSK	270	0	23.17	23.53	23.47	24.0	0.0
100	QPSK	1	1	23.20	23.63	23.56		
100	QPSK	1	137	23.11	23.56	23.41		
100	QPSK	1	271	23.07	23.52	23.45	24.0	0.0
100	QPSK	135	0	23.15	23.50	23.45		
100	QPSK	135	69	23.20	23.62	23.48		
100	QPSK	135	138	23.21	23.55	23.43	24.0	0.0
100	QPSK	270	0	23.25	23.58	23.54		
100	16QAM	1	1	23.02	23.53	23.50		0.0
100	16QAM	1	1	22.71	23.06	22.93	23.5	
100	256QAM	1	1	21.39	22.04	21.99	22.5	1.5
Channel								
Frequency (MHz)								
				3745.02	3840	3934.98		
90	QPSK	1	1	23.14	23.49	23.53	24.0	0.0
Channel								
Frequency (MHz)								
				649334	656000	662666		
80	QPSK	1	1	23.19	23.56	23.45	24.0	0.0
Channel								
Frequency (MHz)								
				649000	656000	663000		
70	QPSK	1	1	23.15	23.58	23.43	24.0	0.0
Channel								
Frequency (MHz)								
				648968	656000	663332		
60	QPSK	1	1	23.17	23.49	23.43	24.0	0.0
Channel								
Frequency (MHz)								
				3730.02	3840	3949.98		
50	QPSK	1	1	23.17	23.59	23.41	24.0	0.0
Channel								
Frequency (MHz)								
				647354	656000	664666		
40	QPSK	1	1	23.14	23.62	23.48	24.0	0.0
Channel								
Frequency (MHz)								
				647668	656000	664332		
30	QPSK	1	1	23.27	23.57	23.42	24.0	0.0
Channel								
Frequency (MHz)								
				647334	656000	664666		
20	QPSK	1	1	23.27	23.56	23.51	24.0	0.0
Channel								
Frequency (MHz)								
				647168	656000	664832		
15	QPSK	1	1	23.15	23.51	23.43	24.0	0.0
Channel								
Frequency (MHz)								
				3705	3840	3975		
10	QPSK	1	1	23.14	23.60	23.40	24.0	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								
Frequency (MHz)								
				3750	3840	3900		
100	P1/2 BPSK	1	1	26.07	26.40	26.34	27.0	0.0
100	P1/2 BPSK	1	137	26.12	26.43	26.39		
100	P1/2 BPSK	1	241	26.08	26.33	26.21		
100	P1/2 BPSK	135	0	25.96	26.37	26.28	27.0	0.0
100	P1/2 BPSK	135	69	26.09	26.43	26.37	27.0	0.0
100	P1/2 BPSK	135	138	26.02	26.35	26.20	27.0	0.0
100	P1/2 BPSK	270	0	26.26	26.40	26.25	27.0	0.0
100	QPSK	1	1	26.12	26.47	26.38		
100	QPSK	1	137	26.01	26.38	26.34		
100	QPSK	1	271	26.03	26.43	26.52	27.0	0.0
100	QPSK	135	0	26.01	26.40	26.27		
100	QPSK	135	69	26.05	26.44	26.34		
100	QPSK	135	138	25.99	26.41	26.29	27.0	0.0
100	QPSK	270	0	26.07	26.41	26.53		
100	16QAM	1	1	26.02	26.44	26.30		2.0
100	16QAM	1	1	24.33	24.73	24.59	25.0	
100	256QAM	1	1	22.89	23.27	23.26	23.5	3.5
Channel								
Frequency (MHz)								
				646668	656000	662332		
90	QPSK	1	1	25.97	26.36	26.27	27.0	0.0
Channel								
Frequency (MHz)								
				646334	656000	662666		
80	QPSK	1	1	26.10	26.34	26.29	27.0	0.0
Channel								
Frequency (MHz)								
				646000	656000	663000		
70	QPSK	1	1	26.09	26.38	26.25	27.0	0.0
Channel								
Frequency (MHz)								
				645968	656000	663332		
60	QPSK	1	1	26.17	26.42	26.28	27.0	0.0
Channel								
Frequency (MHz)								
				645334	656000	662666		
50	QPSK	1	1	25.99	26.37	26.37	27.0	0.0
Channel								
Frequency (MHz)								
				645000	656000	663000		
40	QPSK	1	1	26.00	26.41	26.37	27.0	0.0
Channel								
Frequency (MHz)								
				647668	656000	664332		
30	QPSK	1	1	26.07	26.37	26.35	27.0	0.0
Channel								
Frequency (MHz)								
				647334	656000	664666		
20	QPSK	1	1	26.02	26.35	26.37	27.0	0.0
Channel								
Frequency (MHz)								
				647168	656000	664832		
15	QPSK	1	1	26.02	26.42	26.31	27.0	0.0
Channel								
Frequency (MHz)								
				3705	3840	3975		
10	QPSK	1	1	26.08	26.33	26.36	27.0	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								
Frequency (MHz)								
				3750	3840	3900		
100	P1/2 BPSK	1	1	18.92	19.28	19.46	20.5	0.0
100	P1/2 BPSK	1	137	18.95	19.32	19.43		
100	P1/2 BPSK	1	271	18.90	19.25	19.47		
100	P1/2 BPSK	135	0	19.01	19.32	19.41	20.5	0.0
100	P1/2 BPSK	135	69	18.89	19.26	19.43	20.5	0.0
100	P1/2 BPSK	135	138	18.89	19.23	19.43	20.5	0.0
100	P1/2 BPSK	270	0	18.89	19.33	19.47	20.5	0.0
100	QPSK	1	1	19.02	19.36	19.53		
100	QPSK	1	137	18.98	19.35	19.47		
100	QPSK	1	271	18.97	19.26	19.44	20.5	0.0
100	QPSK	135	0	19.01	19.21	19.40		
100	QPSK	135	69	19.02	19.32	19.48		
100	QPSK	135	138	18.97	19.23	19.41	20.5	0.0
100	QPSK	270	0	19.02	19.35	19.46		
100	16QAM	1	1	18.90	19.35	19.41		0.0
100	16QAM	1	1	18.30	19.30	19.40		
100	256QAM	1	1	18.99	19.33	19.38	20.5	0.0
Channel								
Frequency (MHz)								
				646668	656000	662332		
90	QPSK	1	1	18.98	19.31	19.44	20.5	0.0
Channel								
Frequency (MHz)								
				646334	656000	662666		
8	QPSK	1	1	18.98	19.30	19.42	20.5	0.0
Channel								
Frequency (MHz)								
				3735	3840	3945		
70	QPSK	1	1	18.96	19.22	19.38	20.5	0.0
Channel								
Frequency (MHz)								
				3735.02	3840	3949.98		
60	QPSK	1	1	18.90	19.31	19.52	20.5	0.0
Channel								
Frequency (MHz)								
				3843.53	650000	663666		
50	QPSK	1	1	18.90	19.30	19.50	20.5	0.0
Channel								
Frequency (MHz)								
				3720	3840	3960		
40	QPSK	1	1	19.00	19.24	19.40	20.5	0.0
Channel								
Frequency (MHz)								
				3715.02	650000	664332		
30	QPSK	1	1	18.94	19.21	19.40	20.5	0.0
Channel								
Frequency (MHz)								
				3710.01	650000	3840		
20	QPSK	1	1	18.99	19.27	19.50	20.5	0.0
Channel								
Frequency (MHz)								
				3707.52	3840	3997.48		
15	QPSK	1	1	18.92	19.23	19.43	20.5	0.0
Channel								
Frequency (MHz)								
				647000	650000	665000		
10	QPSK	1	1	18.92	19.34	19.50	20.5	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	Time-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	20.09	20.40	20.61			
100	P12 BPSK	1	137	20.10	20.43	20.51	21.0	0.0	
100	P12 BPSK	1	271	20.10	20.44	20.61			
100	P12 BPSK	135	0	20.10	20.37	20.64			
100	P12 BPSK	135	69	20.11	20.46	20.53	21.0	0.0	
100	P12 BPSK	135	138	20.18	20.38	20.61	21.0	0.0	
100	P12 BPSK	270	0	20.11	20.39	20.60			
100	QPSK	1	1	20.23	20.35	20.66			
100	QPSK	1	137	20.09	20.38	20.60	21.0	0.0	
100	QPSK	1	271	20.10	20.36	20.56			
100	QPSK	135	0	20.11	20.37	20.61			
100	QPSK	135	69	20.17	20.43	20.50	21.0	0.0	
100	QPSK	135	138	20.08	20.38	20.58			
100	QPSK	270	0	20.20	20.48	20.55	21.0	0.0	
160AM				20.18	20.48	20.57	21.0	0.0	
160QAM				19.35	19.76	19.81	21.0	0.0	
256QAM				17.99	18.40	18.39	18.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.16	20.48	20.53	21.0	0.0	
Channel									
Frequency (MHz)									
64	QPSK	1	1	20.13	20.43	20.58	21.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	20.16	20.43	20.57	21.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.15	20.44	20.53	21.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.19	20.43	20.51	21.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.08	20.47	20.57	21.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.18	20.38	20.47	21.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.11	20.47	20.55	21.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.14	20.47	20.64	21.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.005	20.600	20.650	Time-up limit (dBm)	MPR (dB)	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Level Size / Freq	Power Level Size / Freq	Power Level Size / Freq	Time-up limit (dBm)	MPR (dB)	
	Channel			650000	650000	650000			
100	P2x BPSK	1	1	22.07	22.30	22.37			
100	P2x BPSK	1	1	22.01	22.43	22.44	23.0	0.0	
100	P2x BPSK	1	1	22.71	22.46	22.44			
100	P2x BPSK	135	0	21.71	22.08	22.05	22.0	0.0	
100	P2x BPSK	135	69	22.05	22.44	22.42	23.0	0.0	
100	P2x BPSK	135	138	21.72	22.12	22.16	22.5	0.5	
100	P2x BPSK	270	0	21.73	22.15	22.16			
100	QPSK	1	1	22.05	22.33	22.31			
100	QPSK	1	1	21.94	22.33	22.36	23.0	0.0	
100	QPSK	1	271	21.90	22.32	22.41			
100	QPSK	135	0	21.50	21.99	21.87			
100	QPSK	135	69	22.20	22.41	22.42	23.0	0.0	
100	QPSK	135	138	21.30	21.63	21.68			
100	QPSK	270	0	21.16	21.61	21.71	22.0	1.0	
100	16QAM	1	1	21.35	21.68	21.68	22.0	1.0	
100	64QAM	1	1	19.35	19.76	19.81	21.0	2.0	
100	256QAM	1	1	17.99	18.40	18.39	18.0	4.0	
	Channel			649598	650000	662332	Time-up limit	MPR	
50	QPSK	1	1	21.65	22.29	22.34	23.0	0.0	
50	QPSK	1	1	21.93	22.29	22.37	23.0	0.0	
	Channel			649334	650000	662666	Time-up limit	MPR	
50	QPSK	1	1	21.63	22.29	22.48	23.0	0.0	
80	QPSK	1	1	21.90	22.29	22.48	23.0	0.0	
	Channel			650000	650000	653000	Time-up limit	MPR	
70	QPSK	1	1	22.05	22.38	22.42	23.0	0.0	
	Channel			649900	650000	653332	Time-up limit	MPR	
60	QPSK	1	1	21.91	22.36	22.48	23.0	0.0	
	Channel			649934	650000	653666	Time-up limit	MPR	
60	QPSK	1	1	21.91	22.36	22.48	23.0	0.0	
	Channel			649934	650000	653666	Time-up limit	MPR	
50	QPSK	1	1	21.90	22.26	22.38	23.0	0.0	
	Channel			648900	650000	664000	Time-up limit	MPR	
40	QPSK	1	1	21.72	22.27	22.30	23.0	0.0	
	Channel			647998	650000	664332	Time-up limit	MPR	
30	QPSK	1	1	21.58	22.20	22.28	23.0	0.0	
	Channel			647334	650000	664666	Time-up limit	MPR	
20	QPSK	1	1	21.10	22.20	22.30	23.0	0.0	
	Channel			647100	650000	664900	Time-up limit	MPR	
15	QPSK	1	1	21.94	22.34	22.37	23.0	0.0	
	Channel			647000	650000	665000	Time-up limit	MPR	
10	QPSK	1	1	21.95	22.30	22.45	23.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750				
100	PI2 BPSK	1	1	19.26				
100	PI2 BPSK	1	137	19.27			20.0	0.0
100	PI2 BPSK	1	241	19.24				
100	PI2 BPSK	135	0	19.19			19.5	0.5
100	PI2 BPSK	135	69	19.21			20.0	0.0
100	PI2 BPSK	135	138	19.16			19.5	0.5
100	PI2 BPSK	240	0	19.24				
100	QPSK	1	1	19.29				
100	QPSK	1	137	18.84			20.0	0.0
100	QPSK	1	241	18.83				
100	QPSK	135	0	18.12				
100	QPSK	135	69	18.72			20.0	0.0
100	QPSK	135	138	18.05				
100	QPSK	240	0	17.98			19.0	1.0
100	16QAM	1	1	18.29			19.0	1.0
100	64QAM	1	1	18.72			18.0	2.0
100	256QAM	1	1	18.88			17.0	3.0
Channel								
Frequency (MHz)				648958	650000	650332	Tune-up limit (dBm)	MPR (dB)
				3745.02	3750	3754.98		
90	QPSK	1	1	19.27	19.22	19.16	20.0	0.0
Channel								
Frequency (MHz)				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
				3749.01	3750	3749.99		
80	QPSK	1	1	19.16	19.23	19.22	20.0	0.0
Channel								
Frequency (MHz)				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
				3735	3750	3765		
70	QPSK	1	1	19.29	19.16	19.27	20.0	0.0
Channel								
Frequency (MHz)				648968	650000	651332	Tune-up limit (dBm)	MPR (dB)
				3750.02	3750	3749.98		
60	QPSK	1	1	19.20	19.14	19.23	20.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
				3725.01	3750	3774.99		
50	QPSK	1	1	19.15	19.18	19.16	20.0	0.0
Channel								
Frequency (MHz)				649000	650000	652000	Tune-up limit (dBm)	MPR (dB)
				3750	3750	3750		
40	QPSK	1	1	19.25	19.17	19.22	20.0	0.0
Channel								
Frequency (MHz)				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
				3718.02	3750	3784.98		
30	QPSK	1	1	19.16	19.26	19.16	20.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
				3710.01	3750	3789.99		
20	QPSK	1	1	19.14	19.15	19.27	20.0	0.0
Channel								
Frequency (MHz)				647168	650000	652532	Tune-up limit (dBm)	MPR (dB)
				3707.62	3750	3792.48		
15	QPSK	1	1	19.18	19.19	19.26	20.0	0.0
Channel								
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.20	19.23	19.16	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750		3750		
100	PI2 BPSK	1	1	21.06				
100	PI2 BPSK	1	137	21.07			22.0	0.0
100	PI2 BPSK	1	241	21.03				
100	PI2 BPSK	135	0	21.08			21.5	0.5
100	PI2 BPSK	135	69	21.07			22.0	0.0
100	PI2 BPSK	135	138	21.04			21.5	0.5
100	PI2 BPSK	240	0	21.06				
100	QPSK	1	1	21.09				
100	QPSK	1	137	20.79			22.0	0.0
100	QPSK	1	241	20.41				
100	QPSK	135	0	20.96				
100	QPSK	135	69	20.82			22.0	0.0
100	QPSK	135	138	19.72				
100	QPSK	240	0	19.34			21.0	1.0
100	16QAM	1	1	20.12			21.0	1.0
100	64QAM	1	1	18.42			19.5	2.5
100	256QAM	1	1	17.99			18.0	4.0
Channel								
Frequency (MHz)				648958	650000	650332	Tune-up limit (dBm)	MPR (dB)
				3745.02	3750	3754.98		
90	QPSK	1	1	21.00	21.07	20.95	22.0	0.0
Channel								
Frequency (MHz)				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
				3749.01	3750	3749.99		
80	QPSK	1	1	21.05	20.99	20.97	22.0	0.0
Channel								
Frequency (MHz)				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
				3735	3750	3765		
70	QPSK	1	1	20.98	21.02	20.94	22.0	0.0
Channel								
Frequency (MHz)				648968	650000	651332	Tune-up limit (dBm)	MPR (dB)
				3750.02	3750	3749.98		
60	QPSK	1	1	21.04	20.98	21.05	22.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
				3725.01	3750	3774.99		
50	QPSK	1	1	20.97	21.00	21.05	22.0	0.0
Channel								
Frequency (MHz)				649000	650000	652000	Tune-up limit (dBm)	MPR (dB)
				3750	3750	3750		
40	QPSK	1	1	20.97	20.98	21.06	22.0	0.0
Channel								
Frequency (MHz)				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
				3718.02	3750	3784.98		
30	QPSK	1	1	21.08	20.97	21.03	22.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
				3710.01	3750	3789.99		
20	QPSK	1	1	21.03	20.96	21.02	22.0	0.0
Channel								
Frequency (MHz)				647168	650000	652532	Tune-up limit (dBm)	MPR (dB)
				3707.62	3750	3792.48		
15	QPSK	1	1	20.94	21.00	21.00	22.0	0.0
Channel								
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.95	20.95	21.00	22.0	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								
Frequency (MHz)				3750				
100	PI2 BPSK	1	1	22.88				
100	PI2 BPSK	1	137	22.96			24.0	0.0
100	PI2 BPSK	1	241	23.04				
100	PI2 BPSK	135	0	22.95			24.0	0.0
100	PI2 BPSK	135	69	22.96			24.0	0.0
100	PI2 BPSK	135	138	23.03			24.0	0.0
100	PI2 BPSK	240	0	22.92				
100	QPSK	1	1	23.11				
100	QPSK	1	137	23.05			24.0	0.0
100	QPSK	1	241	23.03				
100	QPSK	135	0	22.96				
100	QPSK	135	69	23.04			24.0	0.0
100	QPSK	135	138	23.01				
100	QPSK	240	0	23.01			24.0	0.0
100	16QAM	1	1	22.95			24.0	0.0
100	64QAM	1	1	21.88			22.5	1.5
100	256QAM	1	1	20.85			21.5	2.5
Channel								
Frequency (MHz)				648958	650000	650332	Tune-up limit	MPR
				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	23.07	23.02	23.02	24.0	0.0
Channel								
Frequency (MHz)				649334	650000	650666	Tune-up limit	MPR
				3749.01	3750	3749.99	(dBm)	(dB)
80	QPSK	1	1	23.03	23.01	23.00	24.0	0.0
Channel								
Frequency (MHz)				649000	650000	651000	Tune-up limit	MPR
				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	23.05	22.98	22.97	24.0	0.0
Channel								
Frequency (MHz)				648968	650000	651332	Tune-up limit	MPR
				3730.52	3750	3739.98	(dBm)	(dB)
60	QPSK	1	1	22.87	23.04	23.09	24.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666	Tune-up limit	MPR
				3725.51	3750	3754.99	(dBm)	(dB)
50	QPSK	1	1	23.09	23.02	23.06	24.0	0.0
Channel								
Frequency (MHz)				648800	650000	652000	Tune-up limit	MPR
				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.98	23.05	23.07	24.0	0.0
Channel								
Frequency (MHz)				647668	650000	652332	Tune-up limit	MPR
				3715.02	3750	3764.98	(dBm)	(dB)
30	QPSK	1	1	23.02	23.06	23.08	24.0	0.0
Channel								
Frequency (MHz)				647242	650000	652558	Tune-up limit	MPR
				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	23.10	22.96	23.10	24.0	0.0
Channel								
Frequency (MHz)				647160	650000	652820	Tune-up limit	MPR
				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	23.09	23.03	23.06	24.0	0.0
Channel								
Frequency (MHz)				647008	650000	653008	Tune-up limit	MPR
				3706	3750	3800	(dBm)	(dB)
10	QPSK	1	1	23.03	23.10	23.09	24.0	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								
Frequency (MHz)								
100	Pi/2 BPSK	1	1	3750	3750	3750		
100	Pi/2 BPSK	1	137	25.77			27.0	0.0
100	Pi/2 BPSK	1	241	25.84				
100	Pi/2 BPSK	135	0	25.82			26.5	0.5
100	Pi/2 BPSK	135	69	25.81			27.0	0.0
100	Pi/2 BPSK	135	138	25.84			26.5	0.5
100	Pi/2 BPSK	230	0	25.81				
100	QPSK	1	1	25.85				
100	QPSK	1	137	25.84			27.0	0.0
100	QPSK	1	271	25.99				
100	QPSK	135	0	25.13				
100	QPSK	135	69	25.81			27.0	0.0
100	QPSK	135	138	24.88				
100	QPSK	270	0	25.01			26.0	1.0
100	16QAM	1	1	25.33			26.0	1.0
100	64QAM	1	1	23.32			24.5	2.5
100	256QAM	1	1	22.38			22.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	648668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
80	QPSK	1	1	549334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
70	QPSK	1	1	3745.02	3750	3754.98	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
60	QPSK	1	1	25.79	25.74	25.70	27.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	25.80	25.81	25.84	27.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	25.79	25.70	25.62	27.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	25.76	25.71	25.60	27.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	25.71	25.61	25.76	27.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	25.78	25.81	25.76	27.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	25.79	25.79	25.81	27.0	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								
Frequency (MHz)								
100	Pi/2 BPSK	1	1	3750				
100	Pi/2 BPSK	1	137	19.33			20.5	0.0
100	Pi/2 BPSK	1	241	19.36				
100	Pi/2 BPSK	135	0	19.25			20.5	0.0
100	Pi/2 BPSK	135	69	19.37			20.5	0.0
100	Pi/2 BPSK	135	138	19.34			20.5	0.0
100	Pi/2 BPSK	230	0	19.35				
100	QPSK	1	1	19.38				
100	QPSK	1	137	19.27			20.5	0.0
100	QPSK	1	271	19.23				
100	QPSK	135	0	19.23				
100	QPSK	135	69	19.24			20.5	0.0
100	QPSK	135	138	19.24				
100	QPSK	270	0	19.27			20.5	0.0
100	16QAM	1	1	19.26			20.5	0.0
100	64QAM	1	1	19.32			20.5	0.0
100	256QAM	1	1	19.36			20.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	648668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
80	QPSK	1	1	549334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
70	QPSK	1	1	3745.02	3750	3754.98	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
60	QPSK	1	1	19.32	19.16	19.19	20.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	19.28	19.19	19.20	20.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	19.26	19.19	19.18	20.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	19.24	19.17	19.21	20.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	19.23	19.09	19.15	20.5	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	19.23	19.09	19.15	20.5	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	19.32	19.22	19.19	20.5	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								
Frequency (MHz)								
100	Pi/2 BPSK	1	1	3750	3750	3750		
100	Pi/2 BPSK	1	137	22.22			23.5	0.0
100	Pi/2 BPSK	1	241	22.27				
100	Pi/2 BPSK	135	0	22.15			23.5	0.0
100	Pi/2 BPSK	135	69	22.25			23.5	0.0
100	Pi/2 BPSK	135	138	22.20			23.5	0.0
100	Pi/2 BPSK	230	0	22.27				
100	QPSK	1	1	22.28				
100	QPSK	1	137	22.21			23.5	0.0
100	QPSK	1	271	22.18				
100	QPSK	135	0	22.23				
100	QPSK	135	69	22.27			23.5	0.0
100	QPSK	135	138	22.24				
100	QPSK	270	0	22.29			23.5	0.0
100	16QAM	1	1	22.22			23.5	0.0
100	64QAM	1	1	22.15			23.5	0.0
100	256QAM	1	1	22.01			23.0	0.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	648668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
80	QPSK	1	1	549334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
70	QPSK	1	1	3745.02	3750	3754.98	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.19	22.15	22.08	23.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	22.18	22.15	22.08	23.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.17	22.12	22.04	23.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.14	22.04	22.04	23.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.07	22.02	22.02	23.5	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.04	22.04	22.04	23.5	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.07	22.02	22.02	23.5	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									
Frequency (MHz)									
100	P2 PSK	1	1		20.09				
100	P2 PSK	1	137		20.26		21.0	0.0	
100	P2 PSK	1	271		20.13				
100	P2 PSK	135	0		20.22		21.0	0.0	
100	P2 PSK	135	69		20.27		21.0	0.0	
100	P2 PSK	135	138		20.23		21.0	0.0	
100	P2 PSK	270	0		20.20				
100	QPSK	1	1		20.35				
100	QPSK	1	137		20.14		21.0	0.0	
100	QPSK	1	271		20.05				
100	QPSK	135	0		19.25				
100	QPSK	135	69		20.12		21.0	0.0	
100	QPSK	135	138		19.22				
100	QPSK	270	0		19.22		20.0	1.0	
100	16QAM	1	1		19.32		20.0	1.0	
100	64QAM	1	1		17.73		18.5	2.5	
100	256QAM	1	1		17.08		17.5	3.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	64986	65000	65032	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	3445.92	3446	3454.48	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	64934	65000	65066	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.34	20.34	20.26	21.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	64900	65000	65100	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	QPSK	1	1	3753	3750	3765	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.30	20.36	20.30	21.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	64860	65000	65132	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	1	3760.02	3759	3769.98	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.26	20.24	20.24	21.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	64835	65000	65165	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	1	3752.91	3753	3774.99	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.35	20.26	20.31	21.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	64800	65000	65200	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	1	3755.02	3750	3784.98	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.24	20.24	20.36	21.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	64734	65000	65262	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	1	3761.01	3750	3789.99	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.26	20.37	20.26	21.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	64716	65000	65232	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	3767.92	3750	3792.48	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.33	20.23	20.33	21.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	64700	65000	65300	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	3765	3750	3795	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.32	20.37	20.37	21.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P2 PSK	1	1		21.91				
100	P2 PSK	1	137		22.08		23.0	0.0	
100	P2 PSK	1	271		22.25				
100	P2 PSK	135	0		21.79		22.5	0.5	
100	P2 PSK	135	69		22.05		23.0	0.0	
100	P2 PSK	135	138		21.79		22.5	0.5	
100	P2 PSK	270	0		21.73				
100	QPSK	1	1		22.35				
100	QPSK	1	137		22.25		23.0	0.0	
100	QPSK	1	271		22.15				
100	QPSK	135	0		21.47				
100	QPSK	135	69		22.32		23.0	0.0	
100	QPSK	135	138		21.36				
100	QPSK	270	0		21.31		22.0	1.0	
100	16QAM	1	1		21.33		22.0	1.0	
100	64QAM	1	1		18.68		20.5	2.5	
100	256QAM	1	1		18.20		18.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	64986	65000	65032	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.29	22.30	22.26	23.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	64834	65000	65066	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.24	22.22	22.22	23.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	64900	65000	65100	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	1	3755	3755	3765			
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.29	22.34	22.26	23.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	64800	65000	65132	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	1	3750.01	3750	3769.98			
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.26	22.24	22.25	23.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	64800	65000	65200	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.20	22.22	22.25	23.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	64768	65000	65232	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	1	3715.02	3750	3748.98			
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.21	22.33	22.32	23.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	64734	65000	65266	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.24	22.30	22.32	23.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	64816	65000	65232	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	3737.52	3750	3732.48			
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.23	22.30	22.32	23.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	64700	65000	65300	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.27	22.29	22.33	23.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)		
Channel				42190	42590	42990				
Frequency (MHz)				3460	3500	3540				
20	QPSK	1	0	20.26	20.22	20.18	22	0		
20	QPSK	1	49	20.16	20.27	20.12				
20	QPSK	1	99	20.22	20.30	20.16	21	1		
20	QPSK	50	0	19.21	19.21	19.19				
20	QPSK	50	24	19.13	19.22	19.08	21	1		
20	QPSK	100	0	19.18	19.20	19.12				
20	16QAM	1	0	19.24	19.25	19.19	21	1		
20	16QAM	1	49	19.19	19.21	19.11				
20	16QAM	1	99	19.07	19.22	19.09	20	2		
20	16QAM	50	0	18.08	18.18	18.09				
20	16QAM	50	24	18.09	18.08	18.05	19	3		
20	16QAM	50	50	18.09	18.17	18.10				
20	16QAM	100	0	18.02	18.17	18.14	20	2		
20	64QAM	1	0	18.14	18.26	18.13				
20	64QAM	1	49	18.05	18.14	18.10	20	2		
20	64QAM	1	99	18.09	18.19	18.14				
20	64QAM	50	0	17.12	17.27	17.18	19	3		
20	64QAM	50	24	17.35	17.36	17.33				
20	64QAM	50	50	17.19	17.25	17.21	17	5		
20	256QAM	100	0	17.21	17.33	17.22				
20	256QAM	0	15.32	15.35	15.26		17	5		
20	256QAM	1	49	15.22	15.27	15.18				
20	256QAM	1	99	15.15	15.27	15.18	17	5		
20	256QAM	50	0	15.18	15.30	15.17				
20	256QAM	50	24	15.25	15.31	15.27	17	5		
20	256QAM	50	50	15.24	15.28	15.22				
20	256QAM	100	0	15.24	15.33	15.31				
Channel				42165	42590	43115	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3467.5	3500	3532.5				
15	QPSK	1	0	20.07	20.23	20.02	22	0		
15	QPSK	1	37	20.29	20.28	20.20				
15	QPSK	1	74	20.25	20.31	20.08	21	1		
15	QPSK	36	0	19.08	19.13	19.10				
15	QPSK	36	20	19.21	19.31	19.13	21	1		
15	QPSK	36	39	19.11	19.14	19.06				
15	QPSK	75	0	19.19	19.21	19.02	21	1		
15	16QAM	1	0	19.24	19.24	19.17				
15	16QAM	1	37	19.09	19.14	19.04	21	1		
15	16QAM	1	74	19.08	19.19	19.09				
15	16QAM	36	0	18.08	18.13	18.10	20	2		
15	16QAM	36	20	18.08	18.08	18.08				
15	16QAM	36	39	18.07	18.10	18.04	20	2		
15	16QAM	75	0	18.08	18.12	18.17				
15	64QAM	1	0	18.16	18.26	18.07	19	3		
15	64QAM	1	37	18.04	18.07	18.14				
15	64QAM	1	74	18.11	18.21	18.12	19	3		
15	64QAM	36	0	17.14	17.19	17.15				
15	64QAM	36	20	17.26	17.27	17.23	17	5		
15	64QAM	36	39	17.16	17.17	17.11				
15	64QAM	75	0	17.24	17.36	17.15	17	5		
15	256QAM	1	0	15.29	15.34	15.19				
15	256QAM	1	37	15.16	15.31	15.22	17	5		
15	256QAM	1	74	15.08	15.30	15.21				
15	256QAM	36	0	15.13	15.22	15.09	17	5		
15	256QAM	36	20	15.16	15.28	15.24				
15	256QAM	36	39	15.19	15.24	15.13	17	5		
15	256QAM	75	0	15.20	15.31	15.33				
Channel				42140	42590	43040	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3465	3500	3545				
10	QPSK	1	0	20.17	20.21	20.11	22	0		
10	QPSK	1	25	20.23	20.24	20.11				
10	QPSK	1	49	20.25	20.28	20.08	21	1		
10	QPSK	25	0	19.15	19.14	19.15				
10	QPSK	25	12	19.11	19.29	19.26	21	1		
10	QPSK	25	25	19.15	19.12	19.11				
10	QPSK	50	0	19.11	19.14	19.03	21	1		
10	16QAM	1	0	19.23	19.29	19.13				
10	16QAM	1	25	19.12	19.11	19.10	21	1		
10	16QAM	1	49	19.05	19.20	19.06				
10	16QAM	25	0	18.05	18.16	18.03	20	2		
10	16QAM	25	12	18.06	18.10	18.06				
10	16QAM	25	25	18.02	18.15	18.13	20	2		
10	16QAM	50	0	18.05	18.20	18.10				
10	64QAM	1	0	18.07	18.25	18.10	20	2		
10	64QAM	1	25	18.01	18.08	18.02				
10	64QAM	1	49	18.06	18.21	18.16	19	3		
10	64QAM	25	0	17.15	17.27	17.11				
10	64QAM	25	12	17.33	17.31	17.36	19	3		
10	64QAM	25	25	17.17	17.17	17.11				
10	64QAM	50	0	17.19	17.26	17.24	17	5		
10	256QAM	1	0	15.25	15.32	15.25				
10	256QAM	1	25	15.19	15.30	15.10	17	5		
10	256QAM	1	49	15.15	15.24	15.17				
10	256QAM	25	0	15.11	15.16	15.20	17	5		
10	256QAM	25	12	15.27	15.28	15.28				
10	256QAM	25	25	15.18	15.29	15.17	17	5		
10	256QAM	50	0	15.21	15.28	15.21				
Channel				42115	42590	43065	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3462.5	3500	3547.5				
5	QPSK	1	0	20.15	20.28	20.13	22	0		
5	QPSK	1	12	20.18	20.30	20.17				
5	QPSK	1	24	20.21	20.30	20.16	21	1		
5	QPSK	12	0	19.11	19.15	19.14				
5	QPSK	12	7	19.18	19.19	19.18	21	1		
5	QPSK	12	13	19.15	19.22	19.10				
5	QPSK	25	0	19.18	19.23	19.07	21	1		
5	16QAM	1	0	19.24	19.16	19.19				
5	16QAM	1	12	19.21	19.11	19.22	21	1		
5	16QAM	1	24	19.11	19.16	19.02				
5	16QAM	12	0	19.06	19.21	19.03	20	2		
5	16QAM	12	7	19.09	18.09	18.06				
5	16QAM	12	13	18.02	18.08	18.04	20	2		
5	16QAM	25	0	18.02	18.18	18.16				
5	64QAM	1	0	18.05	18.21	18.09	20	2		
5	64QAM	1	12	18.06	18.04	18.00				
5	64QAM	1	24	18.05	18.16	18.10	19	3		
5	64QAM	12	0	17.02	17.30	17.11				
5	64QAM	12	7	17.37	17.38	17.33	19	3		
5	64QAM	12	13	17.18	17.28	17.23				
5	64QAM	25	0	17.23	17.37	17.18	17	5		
5	256QAM	1	0	15.32	15.38	15.23				
5	256QAM	1	12	15.24	15.36	15.14	17	5		
5	256QAM	1	24	15.13	15.24	15.10				
5	256QAM	12	0	15.14	15.12	15.10	17	5		
5	256QAM	12	7	15.23	15.32	15.26				
5	256QAM	12	13	15.23	15.32	15.23	17	5		
5	256QAM	25	0	15.25	15.33	15.29				

n26_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. [64500]	Power Middle Ch. / Freq. [65000]	Power High Ch. / Freq. [65500]	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PQ2 BPSK	1	1	22.98	23.12	23.10	24.0	0.0	
20	PQ2 BPSK	1	53	22.99	23.08	22.99			
20	PQ2 BPSK	1	104	22.93	22.98	22.88			
20	PQ2 BPSK	50	0	22.99	23.11	23.03	24.0	0.0	
20	PQ2 BPSK	50	28	22.98	23.03	23.00	24.0	0.0	
20	PQ2 BPSK	50	56	22.93	23.06	23.00	24.0	0.0	
20	PQ2 BPSK	100	0	22.97	23.05	23.02			
20	QPSK	1	1	23.12	23.18	23.05			
20	QPSK	1	53	22.89	23.02	22.87	24.0	0.0	
20	QPSK	1	104	22.87	22.92	22.83	24.0	0.0	
20	QPSK	50	0	22.95	23.07	22.94			
20	QPSK	50	28	23.07	23.11	23.03			
20	QPSK	50	56	22.90	23.04	22.92	24.0	0.0	
20	QPSK	100	0	22.95	23.05	23.04	24.0	0.0	
20	16QAM	1	1	22.95	23.11	23.07			
20	64QAM	1	1	21.54	21.68	21.56			
20	256QAM	1	1	20.03	20.07	19.99	21.0	3.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.98	23.09	22.98	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.98	23.03	22.98	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.10	23.05	23.03	24.0	0.0	

n26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. [64500]	Power Middle Ch. / Freq. [65000]	Power High Ch. / Freq. [65500]	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PQ2 BPSK	1	1	22.71	22.81	22.80	24.0	0.0	
20	PQ2 BPSK	1	53	22.76	22.81	22.77			
20	PQ2 BPSK	1	104	22.61	22.68	22.53			
20	PQ2 BPSK	50	0	22.82	22.88	22.78	24.0	0.0	
20	PQ2 BPSK	50	28	22.76	22.79	22.74	24.0	0.0	
20	PQ2 BPSK	50	56	22.67	22.75	22.71	24.0	0.0	
20	PQ2 BPSK	100	0	22.76	22.83	22.81			
20	QPSK	1	1	22.83	22.91	22.87			
20	QPSK	1	53	22.69	22.83	22.81	24.0	0.0	
20	QPSK	1	104	22.65	22.74	22.61	24.0	0.0	
20	QPSK	50	0	22.72	22.78	22.67			
20	QPSK	50	28	22.79	22.87	22.81			
20	QPSK	50	56	22.65	22.68	22.61	24.0	0.0	
20	QPSK	100	0	22.71	22.77	22.63	24.0	0.0	
20	16QAM	1	1	22.50	22.60	22.56			
20	64QAM	1	1	21.00	21.07	20.99			
20	256QAM	1	1	19.64	19.69	19.64	20.5	3.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.76	22.78	22.81	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.77	22.80	22.74	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.70	22.83	22.74	24.0	0.0	

n38_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				51804	51800	51896			
Frequency (MHz)				2580.02	2585	2589.98			
40	P1/2 BPSK	1	1	18.97	18.95	19.03	20.5	0.0	
40	P1/2 BPSK	1	53	19.02	19.00	19.00			
40	P1/2 BPSK	1	104	19.03	19.06	19.06			
40	P1/2 BPSK	50	0	18.99	19.03	19.06			
40	P1/2 BPSK	50	28	19.05	18.95	18.97	20.5	0.0	
40	P1/2 BPSK	50	56	19.01	18.97	18.98	20.5	0.0	
40	P1/2 BPSK	100	0	19.01	19.07	19.01			
40	QPSK	1	1	19.07	19.10	19.07			
40	QPSK	1	53	19.06	18.95	19.01	20.5	0.0	
40	QPSK	1	104	18.95	19.06	19.04			
40	QPSK	50	0	18.95	19.01	18.92			
40	QPSK	50	28	19.03	19.06	19.02		20.5	
40	QPSK	50	56	19.00	19.03	18.92	20.5	0.0	
40	QPSK	100	0	19.00	19.04	18.96	20.5	0.0	
40	16QAM	1	1	19.00	19.03	18.98	20.5	0.0	
40	16QAM	1	1	18.96	19.09	19.01	20.5	0.0	
40	256QAM	1	1	18.08	18.21	18.18	19.5	1.0	
Channel				517002	518003	520091			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	18.94	19.08	18.94	20.5	0.0	
Channel				518504	518500	521496			
Frequency (MHz)				2590.02	2595	2607.48			
25	QPSK	1	1	19.04	18.97	18.93	20.5	0.0	
Channel				518600	518500	522000			
Frequency (MHz)				2595.02	2595	2610			
20	QPSK	1	1	18.96	19.09	18.94	20.5	0.0	
Channel				518602	518500	522498			
Frequency (MHz)				2597.51	2595	2612.49			
15	QPSK	1	1	18.99	18.99	19.04	20.5	0.0	
Channel				519004	518500	522998			
Frequency (MHz)				2595.02	2595	2614.98			
10	QPSK	1	1	19.01	18.97	19.01	20.5	0.0	
Channel				519000	518500	523000			
Frequency (MHz)				2592.5	2595	2617.5			
5	QPSK	1	1	18.93	19.02	19.02	20.5	0.0	

n41_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				500202	518598	528000			
Frequency (MHz)				2546.01	2552.99	2560			
100	P1/2 BPSK	1	1	19.12	19.28	19.05	20.5	0.0	
100	P1/2 BPSK	1	137	19.18	19.20	19.11			
100	P1/2 BPSK	1	271	19.15	19.30	19.05			
100	P1/2 BPSK	135	0	19.13	19.22	19.03		20.5	
100	P1/2 BPSK	135	69	19.20	19.24	19.11	20.5	0.0	
100	P1/2 BPSK	135	138	19.13	19.22	19.02	20.5	0.0	
100	P1/2 BPSK	270	0	19.23	19.23	19.04	20.5	0.0	
100	QPSK	1	1	19.24	19.33	19.14			
100	QPSK	1	137	19.16	19.24	19.12	20.5	0.0	
100	QPSK	1	271	19.16	19.23	19.13			
100	QPSK	135	0	19.11	19.21	19.05			
100	QPSK	135	69	19.16	19.30	19.13		20.5	
100	QPSK	135	138	19.17	19.19	18.99	20.5	0.0	
100	QPSK	270	0	19.14	19.26	19.01	20.5	0.0	
100	16QAM	1	1	19.13	19.32	19.12	20.5	0.0	
100	16QAM	1	1	19.18	19.21	19.01	20.5	0.0	
100	256QAM	1	1	18.53	18.56	18.48	19.5	1.0	
Channel				500202	518598	528000			
Frequency (MHz)				2541	2552.99	2564.98			
50	QPSK	1	1	19.13	19.25	19.07	20.5	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2552.99	2565.98			
80	QPSK	1	1	19.15	19.18	19.02	20.5	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.11	2552.99	2565.98			
70	QPSK	1	1	19.23	19.24	19.03	20.5	0.0	
Channel				505200	518598	531998			
Frequency (MHz)				2526	2552.99	2569.98			
60	QPSK	1	1	19.18	19.20	19.07	20.5	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2552.99	2564.98			
50	QPSK	1	1	19.20	19.21	19.12	20.5	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2552.99	2570			
40	QPSK	1	1	19.18	19.19	19.10	20.5	0.0	
Channel				502704	518598	534998			
Frequency (MHz)				2513.53	2552.99	2572.49			
35	QPSK	1	1	19.12	19.21	19.04	20.5	0.0	
Channel				502200	518598	534998			
Frequency (MHz)				2511	2552.99	2574.99			
30	QPSK	1	1	19.15	19.27	19.02	20.5	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2552.99	2575.99			
20	QPSK	1	1	19.19	19.27	19.07	20.5	0.0	
Channel				500700	518598	536998			
Frequency (MHz)				2503.5	2552.99	2582.48			
15	QPSK	1	1	19.10	19.29	19.13	20.5	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2552.99	2585			
10	QPSK	1	1	19.12	19.21	19.00	20.5	0.0	

Part270_n77_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-Up Limit (dBm)	MPR (dB)	
Channel				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	P1/2 BPSK	1	1	20.71	21.04	20.91	22.0	0.0	
100	P1/2 BPSK	1	137	20.56	21.06	20.94			
100	P1/2 BPSK	1	271	20.73	21.05	20.92			
100	P1/2 BPSK	135	0	20.65	21.06	21.01		22.0	
100	P1/2 BPSK	135	69	20.60	21.02	20.89	22.0	0.0	
100	P1/2 BPSK	135	138	20.67	21.01	20.86	22.0	0.0	
100	P1/2 BPSK	270	0	20.67	21.02	20.91			
100	QPSK	1	1	20.75	21.07	20.95			
100	QPSK	1	137	20.56	20.97	20.84	22.0	0.0	
100	QPSK	1	271	20.68	21.05	20.95			
100	QPSK	135	0	19.82	20.21	20.06			
100	QPSK	135	69	20.35	20.38	20.30		22.0	
100	QPSK	135	138	19.93	20.37	20.26	20.5	1.0	
100	QPSK	270	0	19.85	20.34	20.18	21.0	1.0	
100	16QAM	1	1	19.61	19.98	19.88	21.0	1.0	
100	64QAM	1	1	18.34	18.73	18.70	19.5	2.5	
100	256QAM	1	1	17.34	17.74	17.63	18.0	4.0	
Channel				649998	650000	662332			
Frequency (MHz)				3744.98	3840	3934.98			
50	QPSK	1	1	20.65	20.99	20.81	22.0	0.0	
Channel				649334	650000	662698			
Frequency (MHz)				3738.34	3840	3938.98			
80	QPSK	1	1	20.65	20.94	20.89	22.0	0.0	
Channel				649500	650000	663000			
Frequency (MHz)				3740	3840	3945			
70	QPSK	1	1	20.62	20.95	20.92	22.0	0.0	
Channel				649200	650000	663332			
Frequency (MHz)				3736.02	3840	3949.98			
60	QPSK	1	1	20.64	21.06	20.88	22.0	0.0	
Channel				648534	650000	663698			
Frequency (MHz)				3729.34	3840	3954.98			
50	QPSK	1	1	20.63	21.01	20.89	22.0	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3732	3840	3960			
40	QPSK	1	1	20.80	21.05	20.83	22.0	0.0	
Channel				647698	650000	664332			
Frequency (MHz)				3715.02	3840	3964.98			
30	QPSK	1	1	20.71	21.03	20.88	22.0	0.0	
Channel				647334	650000	664698			
Frequency (MHz)				3716.01	3840	3969.99			
20	QPSK	1	1	20.85	20.98	20.82	22.0	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3712.02	3840	3974.98			
15	QPSK	1	1	20.66	20.99	20.82	22.0	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3712	3840	3974			
10	QPSK	1	1	20.62	20.94	20.84	22.0	0.0	



Part270(HPUE)_n77_Ant 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
				37500	38400	39300					
100	Pi2 BPSK	1	1	22.49	23.03	22.87	24.0	0.0			
100	Pi2 BPSK	1	137	22.36	23.01	22.84					
100	Pi2 BPSK	1	271	22.36	22.92	22.72					
100	Pi2 BPSK	135	0	22.44	22.98	22.82					
100	Pi2 BPSK	135	69	22.39	23.01	22.82	24.0	0.0			
100	Pi2 BPSK	135	138	22.26	22.89	22.72	23.5	0.5			
100	Pi2 BPSK	270	0	22.37	22.97	22.73					
100	QPSK	1	1	22.40	23.06	22.82					
100	QPSK	1	137	22.22	22.83	22.66	24.0	0.0			
100	QPSK	1	271	22.41	22.96	22.77					
100	QPSK	135	0	21.99	22.19	21.96					
100	QPSK	135	69	22.30	22.92	22.76					
100	QPSK	135	138	21.89	22.10	21.86	24.0	0.0			
100	QPSK	270	0	21.57	22.08	21.94					
100	16QAM	1	1	21.40	21.95	21.73	23.0	1.0			
100	16QAM	1	1	19.96	20.58	20.37	21.5	2.5			
100	256QAM	1	1	19.26	19.82	19.60	20.0	4.0			
Channel											
Frequency (MHz)											
				645698	656000	662332	Tune-up limit (dBm)	MPR (dB)			
80	QPSK	1	1	22.45	22.99	22.84	24.0	0.0			
Channel											
Frequency (MHz)											
				648334	656000	662666			Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	22.48	22.96	22.78	24.0	0.0			
Channel											
Frequency (MHz)											
				648900	656000	663000	Tune-up limit (dBm)	MPR (dB)			
70	QPSK	1	1	22.43	22.98	22.87	24.0	0.0			
Channel											
Frequency (MHz)											
				648868	656000	663332	Tune-up limit (dBm)	MPR (dB)			
60	QPSK	1	1	22.38	23.03	22.71	24.0	0.0			
Channel											
Frequency (MHz)											
				648334	656000	665666	Tune-up limit (dBm)	MPR (dB)			
50	QPSK	1	1	22.44	22.93	22.67	24.0	0.0			
Channel											
Frequency (MHz)											
				37200	38400	39600	Tune-up limit (dBm)	MPR (dB)			
40	QPSK	1	1	22.47	23.04	22.68	24.0	0.0			
Channel											
Frequency (MHz)											
				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)			
30	QPSK	1	1	22.45	22.99	22.67	24.0	0.0			
Channel											
Frequency (MHz)											
				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)			
20	QPSK	1	1	22.48	22.98	22.74	24.0	0.0			
Channel											
Frequency (MHz)											
				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)			
15	QPSK	1	1	22.44	23.03	22.69	24.0	0.0			
Channel											
Frequency (MHz)											
				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)			
10	QPSK	1	1	22.47	23.05	22.78	24.0	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									
Frequency (MHz)									
				37500	38400	39000			
100	Pi2 BPSK	1	1	21.21	21.49	21.46	22.0	0.0	
100	Pi2 BPSK	1	137	21.28	21.45	21.49			
100	Pi2 BPSK	1	271	21.28	21.54	21.42			
100	Pi2 BPSK	135	0	21.17	21.53	21.50			
100	Pi2 BPSK	135	69	21.18	21.55	21.41	22.0	0.0	
100	Pi2 BPSK	135	138	21.29	21.57	21.47	22.0	0.0	
100	Pi2 BPSK	220	0	21.22	21.47	21.45			
100	QPSK	1	1	21.31	21.59	21.51			
100	QPSK	1	137	21.22	21.52	21.49	22.0	0.0	
100	QPSK	1	271	21.21	21.46	21.45			
100	QPSK	135	0	21.22	21.51	21.38			
100	QPSK	135	69	21.26	21.54	21.43			
100	QPSK	135	138	21.25	21.46	21.40	22.0	0.0	
100	QPSK	220	0	21.17	21.40	21.47			
100	16QAM	1	1	21.30	21.51	21.36	22.0	0.0	
100	16QAM	1	1	21.20	21.46	21.46	22.0	0.0	
100	256QAM	1	1	21.18	21.52	21.48	22.0	0.0	
Channel									
Frequency (MHz)									
				645668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	21.16	21.55	21.37	22.0	0.0	
Channel									
Frequency (MHz)									
				643334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	21.28	21.44	21.42	22.0	0.0	
Channel									
Frequency (MHz)									
				648900	656000	663000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	21.30	21.46	21.47	22.0	0.0	
Channel									
Frequency (MHz)									
				648868	656000	663332	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	21.25	21.52	21.47	22.0	0.0	
Channel									
Frequency (MHz)									
				648334	656000	665666	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	21.20	21.44	21.38	22.0	0.0	
Channel									
Frequency (MHz)									
				37200	38400	39600	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	21.26	21.54	21.36	22.0	0.0	
Channel									
Frequency (MHz)									
				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	21.23	21.50	21.38	22.0	0.0	
Channel									
Frequency (MHz)									
				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	21.29	21.58	21.44	22.0	0.0	
Channel									
Frequency (MHz)									
				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	21.16	21.57	21.45	22.0	0.0	
Channel									
Frequency (MHz)									
				37000	38400	39720	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	21.23	21.50	21.48	22.0	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								
Frequency (MHz)								
				3750	3840	3930		
100	P12 BPSK	1	1	20.09	20.40	20.61	21.0	0.0
100	P12 BPSK	1	137	20.10	20.43	20.51		
100	P12 BPSK	1	271	20.10	20.44	20.43		
100	P12 BPSK	135	0	20.20	20.37	20.64	21.0	0.0
100	P12 BPSK	135	69	20.11	20.46	20.53	21.0	0.0
100	P12 BPSK	135	138	20.16	20.38	20.61	21.0	0.0
100	P12 BPSK	270	0	20.11	20.38	20.60		
100	QPSK	1	1	20.21	20.50	20.66		
100	QPSK	1	137	20.09	20.39	20.60	21.0	0.0
100	QPSK	1	271	20.16	20.36	20.56		
100	QPSK	135	0	20.11	20.37	20.63		
100	QPSK	135	69	20.17	20.45	20.60	21.0	0.0
100	QPSK	135	138	20.08	20.39	20.68		
100	QPSK	270	0	20.20	20.46	20.55	21.0	0.0
100	16QAM	1	1	20.15	20.48	20.57	21.0	0.0
100	64QAM	1	1	19.35	19.76	19.81	21.0	0.0
100	256QAM	1	1	17.99	18.40	18.39	19.5	1.5
Channel								
Frequency (MHz)								
				3745.02	3840	3934.98		
80	QPSK	1	1	20.16	20.48	20.53	21.0	0.0
Channel								
Frequency (MHz)								
				648000	656000	663666	Tune-up limit (dBm)	MPR
80	QPSK	1	1	20.12	20.43	20.64	21.0	0.0
Channel								
Frequency (MHz)								
				648000	656000	663000	Tune-up limit (dBm)	MPR
70	QPSK	1	1	20.15	20.43	20.57	21.0	0.0
Channel								
Frequency (MHz)								
				648668	656000	663332	Tune-up limit (dBm)	MPR
60	QPSK	1	1	3730.02	3840	3949.98		
Channel								
Frequency (MHz)								
				648334	656000	663666	Tune-up limit (dBm)	MPR
50	QPSK	1	1	20.15	20.44	20.53	21.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	663666	Tune-up limit (dBm)	MPR
40	QPSK	1	1	20.08	20.47	20.57	21.0	0.0
Channel								
Frequency (MHz)								
				647668	656000	664332	Tune-up limit (dBm)	MPR
30	QPSK	1	1	20.18	20.36	20.57	21.0	0.0
Channel								
Frequency (MHz)								
				647334	656000	664666	Tune-up limit (dBm)	MPR
20	QPSK	1	1	20.11	20.47	20.55	21.0	0.0
Channel								
Frequency (MHz)								
				647168	656000	664832	Tune-up limit (dBm)	MPR
15	QPSK	1	1	20.14	20.47	20.64	21.0	0.0
Channel								
Frequency (MHz)								
				3705	3840	3975		
10	QPSK	1	1	20.06	20.36	20.57	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3750	3840	3900		
100	P12 BPSK	1	1	22.07	22.39	22.37	23.0	0.0
100	P12 BPSK	1	137	22.01	22.43	22.44		
100	P12 BPSK	1	271	22.15	22.46	22.44		
100	P12 BPSK	135	0	21.71	22.06	22.05	22.5	0.5
100	P12 BPSK	135	69	22.05	22.44	22.42	23.0	0.0
100	P12 BPSK	135	138	21.72	22.12	22.16	22.5	0.5
100	P12 BPSK	270	0	21.73	22.15	22.16		
100	QPSK	1	1	22.03	22.40	22.51		
100	QPSK	1	137	21.94	22.33	22.36	23.0	0.0
100	QPSK	1	271	21.90	22.32	22.41		
100	QPSK	135	0	21.20	21.59	21.67		
100	QPSK	135	69	22.01	22.36	22.46	23.0	0.0
100	QPSK	135	138	21.30	21.63	21.68		
100	QPSK	270	0	21.16	21.61	21.71	22.0	1.0
100	16QAM	1	1	21.31	21.65	21.63	22.0	1.0
100	64QAM	1	1	19.35	19.76	19.81	21.0	2.0
100	256QAM	1	1	17.99	18.40	18.39	19.0	4.0
Channel								
Frequency (MHz)								
				3745.02	3840	3934.98		
80	QPSK	1	1	21.93	22.29	22.37	23.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	663666	Tune-up limit (dBm)	MPR
80	QPSK	1	1	21.92	22.29	22.48	23.0	0.0
Channel								
Frequency (MHz)								
				648000	656000	663000	Tune-up limit (dBm)	MPR
70	QPSK	1	1	22.00	22.28	22.42	23.0	0.0
Channel								
Frequency (MHz)								
				648668	656000	663332	Tune-up limit (dBm)	MPR
60	QPSK	1	1	3730.02	3840	3949.98		
Channel								
Frequency (MHz)								
				648334	656000	663666	Tune-up limit (dBm)	MPR
50	QPSK	1	1	21.92	22.26	22.38	23.0	0.0
Channel								
Frequency (MHz)								
				3720	3840	3960		
40	QPSK	1	1	21.89	22.29	22.37	23.0	0.0
Channel								
Frequency (MHz)								
				647668	656000	664332	Tune-up limit (dBm)	MPR
30	QPSK	1	1	21.98	22.26	22.36	23.0	0.0
Channel								
Frequency (MHz)								
				647334	656000	664666	Tune-up limit (dBm)	MPR
20	QPSK	1	1	21.94	22.34	22.37	23.0	0.0
Channel								
Frequency (MHz)								
				647168	656000	664832	Tune-up limit (dBm)	MPR
15	QPSK	1	1	21.99	22.28	22.40	23.0	0.0
Channel								
Frequency (MHz)								
				3705	3840	3975		
10	QPSK	1	1	21.95	22.30	22.45	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3750				
100	P12 BPSK	1	1		19.26		20.0	0.0
100	P12 BPSK	1	137		19.27			
100	P12 BPSK	1	271		19.24			
100	P12 BPSK	135	0		19.19		19.5	0.5
100	P12 BPSK	135	69		19.21		20.0	0.0
100	P12 BPSK	135	138		19.18		19.5	0.5
100	P12 BPSK	270	0		19.24			
100	QPSK	1	1		19.29			
100	QPSK	1	137		19.84		20.0	0.0
100	QPSK	1	271		18.63			
100	QPSK	135	0		18.12			
100	QPSK	135	69		18.72		20.0	0.0
100	QPSK	135	138		18.05			
100	QPSK	270	0		17.88		19.0	1.0
100	16QAM	1	1		18.29		19.0	1.0
100	64QAM	1	1		16.72		18.0	2.0
100	256QAM	1	1		15.88		17.0	3.0
Channel								
Frequency (MHz)								
				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	19.27	19.22	19.16	20.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	19.16	19.23	19.22	20.0	0.0
Channel								
Frequency (MHz)								
				648000	656000	661000	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	19.26	19.16	19.27	20.0	0.0
Channel								
Frequency (MHz)								
				647668	656000	663332	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	19.26	19.16	19.23	20.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	661666	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	19.26	19.16	19.24	20.0	0.0
Channel								
Frequency (MHz)								
				647502	656000	663668	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	19.15	19.18	19.16	20.0	0.0
Channel								
Frequency (MHz)								
				648600	656000	662000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	19.27			20.0	0.0
Channel								
Frequency (MHz)								
				647234	656000	663666	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	19.26	19.17	19.22	20.0	0.0
Channel								
Frequency (MHz)								
				647102	656000	663798	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	19.16	19.26	19.16	20.0	0.0
Channel								
Frequency (MHz)								
				647234	656000	663332	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	19.16	19.26	19.16	20.0	0.0
Channel								
Frequency (MHz)								
				647000	656000	663000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	19.20	19.23	19.16	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750	3750	3750		
100	PI2 BPSK	1	1	21.06				
100	PI2 BPSK	1	137	21.07			22.0	0.0
100	PI2 BPSK	1	241	21.03				
100	PI2 BPSK	135	0	21.08			21.5	0.5
100	PI2 BPSK	135	69	21.07			22.0	0.0
100	PI2 BPSK	135	138	21.04			21.5	0.5
100	PI2 BPSK	240	0	21.05				
100	QPSK	1	1	21.09				
100	QPSK	1	137	20.79			22.0	0.0
100	QPSK	1	241	20.41				
100	QPSK	135	0	20.06				
100	QPSK	135	69	20.82			22.0	0.0
100	QPSK	135	138	19.72				
100	QPSK	240	0	19.34			21.0	1.0
100	16QAM	1	1	20.12			21.0	1.0
100	16QAM	1	1	16.42			19.5	2.5
100	256QAM	1	1	17.69			18.0	4.0
Channel								
Frequency (MHz)				648668	650000	650332	Tune-up limit (dBm)	MPR (dB)
				3745.02	3750	3754.98		
90	QPSK	1	1	21.00	21.07	20.95	22.0	0.0
Channel								
Frequency (MHz)				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)
				3740.01	3750	3760.99		
80	QPSK	1	1	21.05	20.99	20.97	22.0	0.0
Channel								
Frequency (MHz)				648900	650000	651000	Tune-up limit (dBm)	MPR (dB)
				3745	3750	3755		
70	QPSK	1	1	20.98	21.02	20.94	22.0	0.0
Channel								
Frequency (MHz)				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
				3735.02	3750	3769.98		
60	QPSK	1	1	21.04	20.98	21.05	22.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
				3725.01	3750	3774.99		
50	QPSK	1	1	20.97	21.00	21.05	22.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
				3715.02	3750	3784.98		
40	QPSK	1	1	20.87	20.98	21.06	22.0	0.0
Channel								
Frequency (MHz)				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
				3710.01	3750	3789.99		
30	QPSK	1	1	21.08	20.97	21.03	22.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
				3710.01	3750	3789.99		
20	QPSK	1	1	21.03	20.94	21.02	22.0	0.0
Channel								
Frequency (MHz)				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
				3707.52	3750	3792.48		
15	QPSK	1	1	20.94	21.00	21.00	22.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
				3705	3750	3795		
10	QPSK	1	1	20.95	20.95	21.00	22.0	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								
Frequency (MHz)				3750				
100	PI2 BPSK	1	1	21.05				
100	PI2 BPSK	1	137	20.94			22.0	0.0
100	PI2 BPSK	1	241	21.07				
100	PI2 BPSK	135	0	21.02			22.0	0.0
100	PI2 BPSK	135	69	20.96			22.0	0.0
100	PI2 BPSK	135	138	20.96			22.0	0.0
100	PI2 BPSK	240	0	21.04				
100	QPSK	1	1	21.08				
100	QPSK	1	137	20.93			22.0	0.0
100	QPSK	1	241	20.99				
100	QPSK	135	0	21.00				
100	QPSK	135	69	21.05			22.0	0.0
100	QPSK	135	138	20.98				
100	QPSK	240	0	20.97			22.0	0.0
100	16QAM	1	1	21.01			22.0	0.0
100	16QAM	1	1	21.07			22.0	0.0
100	256QAM	1	1	20.85			21.5	0.5
Channel								
Frequency (MHz)				648668	650000	650332	Tune-up limit (dBm)	MPR (dB)
				3745.02	3750	3754.98		
90	QPSK	1	1	20.94	20.97	20.95	22.0	0.0
Channel								
Frequency (MHz)				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)
				3740.01	3750	3760.98		
80	QPSK	1	1	20.92	20.83	20.87	22.0	0.0
Channel								
Frequency (MHz)				648900	650000	651000	Tune-up limit (dBm)	MPR (dB)
				3735	3750	3765		
70	QPSK	1	1	20.90	20.94	20.85	22.0	0.0
Channel								
Frequency (MHz)				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
				3730.02	3750	3769.98		
60	QPSK	1	1	20.80	20.85	20.85	22.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
				3725.01	3750	3774.98		
50	QPSK	1	1	20.92	20.87	20.83	22.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
				3720	3750	3780		
40	QPSK	1	1	20.89	20.95	20.82	22.0	0.0
Channel								
Frequency (MHz)				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
				3715.02	3750	3784.98		
30	QPSK	1	1	20.85	20.86	20.81	22.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
				3710.01	3750	3789.99		
20	QPSK	1	1	20.15	20.92	20.84	22.0	0.0
Channel								
Frequency (MHz)				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
				3707.52	3750	3792.48		
15	QPSK	1	1	20.80	20.83	20.88	22.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
				3705	3750	3795		
10	QPSK	1	1	20.86	20.91	20.81	22.0	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								
Frequency (MHz)				3750	3750	3750		
100	PI2 BPSK	1	1		20.86			
100	PI2 BPSK	1	137		20.87		25.0	0.0
100	PI2 BPSK	1	241		20.77			
100	PI2 BPSK	135	0		20.80		25.0	0.0
100	PI2 BPSK	135	69		20.76		25.0	0.0
100	PI2 BPSK	135	138		20.86		25.0	0.0
100	PI2 BPSK	240	0		20.82			
100	QPSK	1	1		20.88			
100	QPSK	1	137		20.79		25.0	0.0
100	QPSK	1	241		20.86			
100	QPSK	135	0		20.80			
100	QPSK	135	69		20.85		25.0	0.0
100	QPSK	135	138		20.81			
100	QPSK	240	0		20.80		25.0	0.0
100	16QAM	1	1		20.75		25.0	0.0
100	16QAM	1	1		20.52		24.5	2.5
100	256QAM	1	1		22.35		22.5	2.5
Channel								
Frequency (MHz)				648668	650000	650332	Tune-up limit (dBm)	MPR (dB)
				3745.02	3750	3754.98		
90	QPSK	1	1	20.73	20.79	20.75	25.0	0.0
Channel								
Frequency (MHz)				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)
				3740.01	3750	3760.98		
80	QPSK	1	1	20.72	20.74	20.69	25.0	0.0
Channel								
Frequency (MHz)				648900	650000	651000	Tune-up limit (dBm)	MPR (dB)
				3735	3750	3765		
70	QPSK	1	1	20.62	20.78	20.67	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000		3750	3750		
Frequency (MHz)				3750					
100	P22 BPSK	1	1		20.09				
100	P22 BPSK	1	137		20.26		21.0	0.0	
100	P22 BPSK	1	271		20.13				
100	P22 BPSK	135	0		20.22		21.0	0.0	
100	P22 BPSK	135	69		20.27		21.0	0.0	
100	P22 BPSK	135	138		20.23		21.0	0.0	
100	P22 BPSK	270	0		20.20				
100	QPSK	1	1		20.35				
100	QPSK	1	137		20.14		21.0	0.0	
100	QPSK	1	271		20.09				
100	QPSK	135	0		19.26				
100	QPSK	135	69		20.12		21.0	0.0	
100	QPSK	135	138		19.22				
100	QPSK	270	0		19.23		20.0	1.0	
100	16QAM	1	1		19.32		20.0	1.0	
100	64QAM	1	1		17.75		18.5	2.5	
100	256QAM	1	1		17.68		17.5	3.5	
Channel				649968	650032				
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	20.36	20.26	20.29	21.0	0.0	
Channel				649334	650000				
Frequency (MHz)				3740.01	3750	3760.99			
80	QPSK	1	1	20.34	20.34	20.26	21.0	0.0	
Channel				649000	650000	651000			
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	20.30	20.36	20.30	21.0	0.0	
Channel				648668	650000	651332			
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1	20.29	20.34	20.24	21.0	0.0	
Channel				648334	650000	651666			
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	20.35	20.26	20.31	21.0	0.0	
Channel				647999	650000	652000			
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	20.34	20.24	20.30	21.0	0.0	
Channel				647668	650000	652332			
Frequency (MHz)				3715.00	3750	3784.98			
30	QPSK	1	1	20.24	20.24	20.36	21.0	0.0	
Channel				647334	650000	652666			
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	20.26	20.37	20.25	21.0	0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3705	3750	3795			
15	QPSK	1	1	20.33	20.23	20.33	21.0	0.0	
Channel				646668	650000	653332			
Frequency (MHz)				3700	3750	3800			
10	QPSK	1	1	20.32	20.37	20.37	21.0	0.0	

Part27O(HPUE)_n78_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000		3750	3750		
Frequency (MHz)				3750					
100	P22 BPSK	1	1		21.91				
100	P22 BPSK	1	137		22.08		23.0	0.0	
100	P22 BPSK	1	271		22.25				
100	P22 BPSK	135	0		21.79		22.5	0.5	
100	P22 BPSK	135	69		22.05		23.0	0.0	
100	P22 BPSK	135	138		21.79		22.5	0.5	
100	P22 BPSK	270	0		21.73				
100	QPSK	1	1		22.35				
100	QPSK	1	137		22.25		23.0	0.0	
100	QPSK	1	271		22.16				
100	QPSK	135	0		21.47				
100	QPSK	135	69		22.32		23.0	0.0	
100	QPSK	135	138		21.36				
100	QPSK	270	0		21.31		22.0	1.0	
100	16QAM	1	1		21.33		22.0	1.0	
100	64QAM	1	1		19.66		20.5	2.5	
100	256QAM	1	1		18.20		18.5	4.5	
Channel				649968	650032				
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	22.29	22.30	22.26	23.0	0.0	
Channel				649334	650000				
Frequency (MHz)				3740.01	3750	3760.99			
80	QPSK	1	1	22.24	22.32	22.22	23.0	0.0	
Channel				649000	650000	651000			
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	22.25	22.34	22.25	23.0	0.0	
Channel				648668	650000	651332			
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1	22.31	22.21	22.21	23.0	0.0	
Channel				648334	650000	651666			
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	22.26	22.24	22.25	23.0	0.0	
Channel				647999	650000	652000			
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	22.28	22.23	22.31	23.0	0.0	
Channel				647668	650000	652332			
Frequency (MHz)				3715.00	3750	3784.98			
30	QPSK	1	1	22.21	22.33	22.32	23.0	0.0	
Channel				647334	650000	652666			
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	22.24	22.32	22.21	23.0	0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3705	3750	3795			
15	QPSK	1	1	22.23	22.20	22.32	23.0	0.0	
Channel				646668	650000	653332			
Frequency (MHz)				3700	3750	3800			
10	QPSK	1	1	22.27	22.29	22.33	23.0	0.0	



SPORTNET LTD.

Part 27Q_Band 42_Ant 3

BW (MHz)	Modulation	RB Offset	Power Mode Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Time-up limit (min)	MPR (dB)		
								Channel	Frequency (MHz)
20	QPSK	1	0	17.70	17.68	17.70			
20	QPSK	1	49	17.62	17.66	17.78	19.5	0	
20	QPSK	1	99	17.66	17.64	17.71			
20	QPSK	50	0	17.70	17.65	17.72			
20	QPSK	50	24	17.63	17.61	17.66	19.5	0	
20	QPSK	50	50	17.65	17.78	17.69			
20	16QAM	1	49	17.67	17.63	17.66			
20	16QAM	1	99	17.69	17.79	17.73	19.5	0	
20	16QAM	1	99	17.70	17.75	17.77			
20	16QAM	50	0	17.72	17.62	17.65			
20	16QAM	50	24	17.61	17.63	17.62	19.5	0	
20	16QAM	50	50	17.62	17.64	17.78			
20	64QAM	1	49	17.76	17.74	17.67	19.5	0	
20	64QAM	1	99	17.76	17.76	17.73			
20	64QAM	1	99	17.73	17.62	17.67			
20	64QAM	50	0	17.72	17.27	17.18			
20	64QAM	50	24	17.36	17.36	17.33	19	0.5	
20	64QAM	50	50	17.19	17.25	17.21			
20	64QAM	100	0	17.21	17.33	17.22			
20	256QAM	1	0	15.32	15.35	15.24	17	2.5	
20	256QAM	1	24	15.28	15.27	15.18			
20	256QAM	1	99	15.15	15.27	15.18			
20	256QAM	50	0	15.18	15.20	15.17			
20	256QAM	50	24	15.24	15.28	15.22	17	2.5	
20	256QAM	50	50	15.24	15.23	15.31			
20	256QAM	100	0	15.26	15.30	15.31			
Channel									
Frequency (MHz)									
15	QPSK	1	0	17.72	17.65	17.65			
15	QPSK	1	37	17.58	17.71	17.67	19.5	0	
15	16QAM	36	0	17.66	17.66	17.63			
15	QPSK	36	0	17.67	17.63	17.63			
15	QPSK	36	20	17.61	17.68	17.54	19.5	0	
15	QPSK	36	39	17.63	17.70	17.61			
15	QPSK	75	0	17.60	17.62	17.64			
15	16QAM	1	0	17.65	17.71	17.68			
15	16QAM	1	37	17.55	17.67	17.60	19.5	0	
15	16QAM	1	74	17.57	17.63	17.70			
15	16QAM	36	0	17.58	17.60	17.63			
15	16QAM	36	20	17.55	17.73	17.58			
15	16QAM	36	39	17.59	17.74	17.72			
15	16QAM	75	0	17.55	17.70	17.66			
15	64QAM	1	0	17.79	17.68	17.64			
15	64QAM	1	37	17.73	17.71	17.72	19.5	0	
15	64QAM	1	74	17.59	17.73	17.53			
15	64QAM	36	0	17.14	17.19	17.15			
15	64QAM	36	17.26	17.27	17.23	19	0.5		
15	64QAM	36	39	17.16	17.17	17.11			
15	64QAM	75	0	17.24	17.35	17.15			
15	256QAM	1	0	15.29	15.34	15.18	17	2.5	
15	256QAM	1	37	15.16	15.31	15.21			
15	256QAM	1	74	15.08	15.30	15.21			
15	256QAM	36	0	15.13	15.28	15.26			
15	256QAM	36	20	15.16	15.28	15.24	17	2.5	
15	256QAM	36	39	15.19	15.24	15.13			
15	256QAM	75	0	15.20	15.31	15.33			
Channel									
Frequency (MHz)									
10	QPSK	1	0	17.70	17.64	17.66			
10	QPSK	1	25	17.61	17.61	17.68	19.5	0	
10	QPSK	1	49	17.60	17.61	17.58			
10	QPSK	25	0	17.58	17.70	17.65			
10	QPSK	25	12	17.60	17.74	17.61	19.5	0	
10	QPSK	25	25	17.63	17.73	17.64			
10	16QAM	1	0	17.62	17.73	17.63			
10	16QAM	1	25	17.58	17.69	17.72	19.5	0	
10	16QAM	1	49	17.60	17.73	17.71			
10	16QAM	25	0	17.62	17.74	17.62			
10	16QAM	25	12	17.57	17.73	17.68			
10	16QAM	25	12	17.67	17.68	17.53	19.5	0	
10	16QAM	25	25	17.59	17.60	17.64			
10	64QAM	1	25	17.17	17.69	17.56			
10	64QAM	1	49	17.68	17.76	17.64			
10	64QAM	25	0	17.15	17.27	17.11	19	0.5	
10	64QAM	25	12	17.33	17.31	17.36			
10	64QAM	25	25	17.17	17.17	17.11			
10	256QAM	1	15.11	15.16	15.10	17	2.5		
10	256QAM	1	49	15.15	15.24	15.17			
10	256QAM	25	0	15.11	15.16	15.20			
10	256QAM	25	12	15.27	15.26	15.28	17	2.5	
10	256QAM	25	25	15.18	15.29	15.17			
10	256QAM	50	0	15.21	15.29	15.21			
Channel									
Frequency (MHz)									
5	QPSK	1	0	17.62	17.63	17.73	19.5	0	
5	QPSK	1	12	17.60	17.62	17.65			
5	QPSK	12	0	17.59	17.73	17.64			
5	QPSK	12	7	17.56	17.76	17.54	19.5	0	
5	QPSK	12	13	17.63	17.68	17.63			
5	QPSK	25	0	17.56	17.77	17.51			
5	16QAM	1	0	17.58	17.71	17.60	19.5	0	
5	16QAM	1	12	17.56	17.75	17.67			
5	16QAM	12	0	17.62	17.73	17.68			
5	16QAM	12	7	17.54	17.80	17.51	19.5	0	
5	16QAM	12	13	17.68	17.62	17.77			
5	16QAM	25	0	17.54	17.80	17.63			
5	64QAM	1	0	17.67	17.64	17.57	19.5	0	
5	64QAM	1	12	17.75	17.66	17.59			
5	64QAM	1	24	17.59	17.68	17.58			
5	64QAM	12	0	17.02	17.30	17.11	19	0.5	
5	64QAM	12	7	17.37	17.28	17.33			
5	64QAM	12	13	17.18	17.24	17.20			
5	64QAM	25	0	17.23	17.37	17.18			
5	256QAM	1	0	15.32	15.38	15.23	17	2.5	
5	256QAM	1	12	15.19	15.30	15.14			
5	256QAM	1	24	15.13	15.25	15.10			
5	256QAM	12	0	15.14	15.12	15.10			
5	256QAM	12	7	15.23	15.32	15.26	17	2.5	
5	256QAM	12	13	15.23	15.25	15.23			
5	256QAM	25	0	15.25	15.32	15.25			

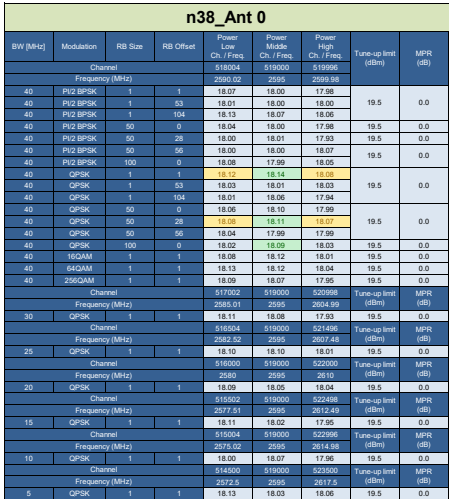
Reduced Power Mode for DSI 7

Part 27Q_Band 42_Ant 4

BW (MHz)	Modulation	Size	RB Offset	Power Mode Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	17.55	18.00	17.57		
20	QPSK	1	49	17.61	17.61	17.64	18.5	0
20	QPSK	1	99	17.51	17.66	17.65		
20	QPSK	50	0	17.59	17.56	17.54		
20	QPSK	50	24	17.61	17.67	17.67	18.5	0
20	QPSK	50	50	17.62	17.65	17.67		
20	QPSK	100	0	17.59	17.52	17.59		
20	16QAM	1	0	17.64	17.52	17.60		
20	16QAM	1	49	17.54	17.53	17.52	18.5	0
20	16QAM	1	99	17.64	17.52	17.51		
20	16QAM	50	0	17.64	17.68	17.66		
20	16QAM	50	24	17.50	17.54	17.51	18.5	0
20	16QAM	50	50	17.51	17.65	17.56		
20	16QAM	100	0	17.67	17.52	17.54		
20	64QAM	1	0	17.69	17.63	17.66	18.5	0
20	64QAM	1	49	17.66	17.61	17.64		
20	64QAM	1	99	17.64	17.54	17.66		
20	64QAM	50	0	17.67	17.62	17.65		
20	64QAM	50	24	17.63	17.61	17.65	18.5	0
20	64QAM	50	50	17.62	17.52	17.66		
20	64QAM	100	0	17.61	17.51	17.68		
20	256QAM	1	0	17.64	17.64	17.62	18.5	0
20	256QAM	1	49	17.62	17.66	17.64		
20	256QAM	1	99	17.69	17.53	17.62		
20	256QAM	50	0	17.60	17.62	17.63		
20	256QAM	50	24	17.58	17.64	17.61	18.5	0
20	256QAM	50	50	17.52	17.68	17.64		
20	256QAM	100	0	17.66	17.61	17.66		
Channel								
Frequency (MHz)								
15	QPSK	1	0	17.63	17.55	17.53		
15	QPSK	1	37	17.67	17.76	17.77	18.5	0
15	QPSK	1	74	17.67	17.84	17.70		
15	QPSK	36	0	17.62	17.61	17.66		
15	QPSK	36	20	17.79	17.66	17.63	18.5	0
15	QPSK	36	39	17.76	17.63	17.62		
15	QPSK	75	0	17.66	17.69	17.67		
15	16QAM	1	0	17.67	17.69	17.78		
15	16QAM	1	37	17.66	17.68	17.78	18.5	0
15	16QAM	1	74	17.62	17.61	17.66		
15	16QAM	36	0	17.63	17.63	17.65	18.5	0
15	16QAM	36	20	17.63	17.63	17.66		
15	16QAM	36	39	17.66	17.61	17.64		
15	16QAM	75	0	17.79	17.61	17.64		
15	64QAM	1	0	17.77	17.68	17.81		
15	64QAM	1	37	17.66	17.65	17.66	18.5	0
15	64QAM	1	74	17.72	17.60	17.72		
15	64QAM	36	0	17.60	17.65	17.67		
15	64QAM	36	20	17.73	17.76	17.68	18.5	0
15	64QAM	36	39	17.69	17.64	17.64		
15	64QAM	75	0	17.68	17.65	17.60		
15	256QAM	1	0	17.79	17.70	17.60		
15	256QAM	1	37	17.75	17.73	17.70	18.5	0
15	256QAM	1	74	17.70	17.62	17.62		
15	256QAM	36	0	17.64	17.74	17.69		
15	256QAM	36	20	17.72	17.71	17.68	18.5	0
15	256QAM	36	39	17.80	17.73	17.73		
15	256QAM	75	0	17.77	17.68	17.68		
Channel								
Frequency (MHz)								
10	QPSK	1	0	17.69	17.91	17.89		
10	QPSK	1	36	17.65	18.00	17.94	18.5	0
10	QPSK	1	49	17.68	17.81	17.80		
10	QPSK	25	0	17.68	17.86	17.80		
10	QPSK	25	12	17.76	17.79	17.72	18.5	0
10	QPSK	25	25	17.77	17.72	17.78		
10	QPSK	50	0	17.63	17.80	17.82		
10	16QAM	1	0	17.81	17.81	17.83		
10	16QAM	1	36	17.76	17.88	17.89	18.5	0
10	16QAM	1	49	17.93	17.69	17.69		
10	16QAM	25	0	17.66	17.83	17.73		
10	16QAM	25	12	17.69	17.90	17.89	18.5	0
10	16QAM	25	25	17.74	17.78	17.78		
10	16QAM	50	0	17.74	17.77	17.80		
10	64QAM	1	0	17.75	17.83	17.86		
10	64QAM	1	25	17.62	17.80	17.79	18.5	0
10	64QAM	1	49	17.85	17.69	17.69		
10	64QAM	25	0	17.77	17.69	17.61		
10	64QAM	25	12	17.62	17.74	17.65	18.5	0
10	64QAM	25	25	17.74	17.78	17.78		
10	64QAM	50	0	17.78	17.69	17.61		
10	256QAM	1	0	17.76	17.74	17.67		
10	256QAM	1	25	17.72	17.84	17.72	18.5	0
10	256QAM	1	49	17.81	17.68	17.68		
10	256QAM	25	0	17.60	17.80	17.78		
10	256QAM	25	12	17.69	17.78	17.84	18.5	0
10	256QAM	25	25	17.74	17.78	17.78		
10	256QAM	50	0	17.79	17.80	17.66		
Channel								
Frequency (MHz)								
5	QPSK	1	0	17.81	17.95	17.90		
5	QPSK	1	12	17.79	17.79	17.79	18.5	0
5	QPSK	1	24	17.77	17.75	17.63		
5	QPSK	12	0	17.63	17.82	17.82		
5	QPSK	12	12	17.76	17.76	17.63	18.5	0
5	QPSK	12	24	17.73	17.78	17.63		
5	QPSK	25	0	17.60	17.85	17.85		
5	16QAM	1	0	17.80	17.78	17.64		
5	16QAM	1	12	17.78	17.78	17.64	18.5	0
5	16QAM	1	24	17.68	17.69	17.65		
5	16QAM	12	0	17.62	17.77	17.60		
5	16QAM	12	12	17.67	17.62	17.66	18.5	0
5	16QAM	12	24	17.61	17.62	17.66		
5	16QAM	25	0	17.76	17.84	17.80		
5	64QAM	1	0	17.79	17.85	17.69		
5	64QAM	1	12	17.76	17.82	17.66	18.5	0
5	64QAM	1	24	17.76	17.80	17.78		
5	64QAM	12	0	17.74	17.68	17.68		
5	64QAM	12	12	17.77	17.70	17.66	18.5	0
5	64QAM	12	24	17.70	17.77	17.61		
5	256QAM	1	0	17.72	17.73	17.69		
5	256QAM	1	12	17.76	17.77	17.69	18.5	0
5	256QAM	1	24	17.60	17.82	17.62		
5	256QAM	12	0	17.77	17.72	17.62		
5	256QAM	12	12	17.70	17.61	17.62	18.5	0
5	256QAM	12	24	17.61	17.68	17.63		
5	256QAM	25	0	17.79	17.71	17.64		

n26_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164500	Power Middle Ch. / Freq. 165000	Power High Ch. / Freq. 165500	Tune-up limit	MPR			
Channel											
Frequency (MHz)											
20	PQ2 BPSK	1	1	22.98	23.12	23.10	24.0	0.0			
20	PQ2 BPSK	1	53	22.99	23.08	22.99					
20	PQ2 BPSK	1	104	22.93	22.98	22.88					
20	PQ2 BPSK	50	0	22.99	23.11	23.03	24.0	0.0			
20	PQ2 BPSK	50	28	22.98	23.03	23.00	24.0	0.0			
20	PQ2 BPSK	50	56	22.93	23.06	23.00	24.0	0.0			
20	PQ2 BPSK	100	0	22.97	23.05	23.02					
20	QPSK	1	1	23.12	23.18	23.05					
20	QPSK	1	53	22.89	23.02	22.87	24.0	0.0			
20	QPSK	1	104	22.87	22.92	22.83	24.0	0.0			
20	QPSK	50	0	22.99	23.07	22.94					
20	QPSK	50	28	23.07	23.11	23.03					
20	QPSK	50	56	22.90	23.04	22.92	24.0	0.0			
20	QPSK	100	0	22.95	23.05	23.04	24.0	0.0			
20	16QAM	1	1	22.95	23.11	23.07					
20	64QAM	1	1	21.54	21.68	21.56	22.5	1.5			
20	256QAM	1	1	20.03	20.07	19.99	21.0	3.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	22.98	23.09	22.98	24.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	22.98	23.03	22.98	24.0	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	23.10	23.05	23.03	24.0	0.0			

n26_Ant 1											
BW [MHz]	Modulation	Low Freq	RB Offset	Power Low Ch. / Freq. 164500	Power Middle Ch. / Freq. 165000	Power High Ch. / Freq. 165500	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	PQ2 BPSK	1	1	20.72	20.82	20.76	22.0	0.0			
20	PQ2 BPSK	1	53	20.75	20.84	20.73					
20	PQ2 BPSK	1	104	20.73	20.84	20.81					
20	PQ2 BPSK	50	0	20.70	20.81	20.81	22.0	0.0			
20	PQ2 BPSK	50	28	20.72	20.88	20.70	22.0	0.0			
20	PQ2 BPSK	50	56	20.65	20.89	20.72	22.0	0.0			
20	PQ2 BPSK	100	0	20.73	20.93	20.75					
20	QPSK	1	1	20.79	20.95	20.85					
20	QPSK	1	53	20.78	20.91	20.78	22.0	0.0			
20	QPSK	1	104	20.65	20.93	20.72	22.0	0.0			
20	QPSK	50	0	20.69	20.85	20.78					
20	QPSK	50	28	20.79	20.90	20.84					
20	QPSK	50	56	20.75	20.88	20.78	22.0	0.0			
20	QPSK	100	0	20.77	20.91	20.71	22.0	0.0			
20	16QAM	1	1	20.72	20.80	20.84					
20	64QAM	1	1	20.74	20.84	20.73	22.0	0.0			
20	256QAM	1	1	19.64	19.65	19.64	20.5	1.5			
Channel											
Frequency (MHz)											
15	QPSK	1	1	20.70	20.85	20.75	22.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	20.72	20.84	20.84	22.0	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	20.66	20.91	20.81	22.0	0.0			



n38_Ant 5									
RW (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									
				518004	519000	519996			
Frequency (MHz)				2595.02	2595.02	2595.98			
40	PI2 BPSK	1		15.09	15.21	15.24			
40	PI2 BPSK	1	83	15.14	15.32	15.25		0.0	
40	PI2 BPSK	1	104	15.14	15.25	15.19			
40	PI2 BPSK	50	0	15.03	15.22	15.15	16.0	0.0	
40	PI2 BPSK	50	28	15.11	15.28	15.18	16.0	0.0	
40	PI2 BPSK	50	56	15.12	15.30	15.16	16.0	0.0	
40	PI2 BPSK	100	0	15.08	15.21	15.19			
40	QPSK	1		15.15	15.34	15.25			
40	QPSK	1	13	15.11	15.31	15.20	16.0	0.0	
40	QPSK	1	104	15.13	15.32	15.20			
40	QPSK	50	0	15.11	15.21	15.20			
40	QPSK	50	28	15.10	15.31	15.21	16.0	0.0	
40	QPSK	50	56	15.10	15.28	15.19	16.0	0.0	
40	QPSK	100	0	15.17	15.26	15.16	16.0	0.0	
40	16QAM	1	1	15.10	15.22	15.27	16.0	0.0	
40	64QAM	1	1	15.06	15.27	15.17	16.0	0.0	
40	256QAM	1	1	15.08	15.27	15.28	16.0	0.0	
Channel				517002	518000	520998	Turn-up limit (dBm)	MPR (dB)	
				2585.01	2595	2604.99			
30	QPSK	1		15.09	15.23	15.22	16.0	0.0	
Channel				518006	519000	521994	Turn-up limit (dBm)	MPR (dB)	
				2595.52	2595	2607.48			
25	QPSK	1		15.04	15.22	15.20	16.0	0.0	
Channel				516000	519000	522000	Turn-up limit (dBm)	MPR (dB)	
				2575.00	2595	2615			
20	QPSK	1		15.09	15.32	15.22	16.0	0.0	
Channel				518500	519000	522400	Turn-up limit (dBm)	MPR (dB)	
				2577.11	2595	2612.49			
15	QPSK	1		15.06	15.30	15.16	16.0	0.0	
Channel				517002	519000	520998	Turn-up limit (dBm)	MPR (dB)	
				2575.02	2595	2614.98			
10	QPSK	1		15.03	15.19	15.14	16.0	0.0	
Channel				514500	519000	523500	Turn-up limit (dBm)	MPR (dB)	
				2571.22	2595	2612.78			
5	QPSK	1		15.11	15.24	15.25	16.0	0.0	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power Middle Ch / Freq	Power Low Ch / Freq	Power High Ch / Freq	Power Middle Ch / Freq	Turn-up time (s/min)	MPR (dB)
Channel											
Frequency (MHz)											
100	P2-PSK	135	1	18.24	18.28	18.16					
100	P2-PSK	1	137	18.16	18.27	18.09				19.5	0.0
100	P2-PSK	1	271	18.22	18.26	18.12					
100	P2-PSK	135	0	18.16	18.20	18.10	19.5				
100	P2-PSK	135	69	18.26	18.25	18.03	19.5				0.0
100	P2-PSK	135	136	18.14	18.21	18.16				19.5	0.0
100	P2-PSK	270	0	18.14	18.32	18.13					
100	QPSK	1	1	18.28	18.30	18.17					0.0
100	QPSK	1	137	18.27	18.32	18.12				19.5	0.0
100	QPSK	1	271	18.15	18.34	18.14					
100	QPSK	135	0	18.22	18.28	18.08					
100	QPSK	135	69	18.26	18.33	18.10	19.5				0.0
100	QPSK	135	136	18.17	18.19	18.07					
100	QPSK	270	0	18.19	18.30	18.14				19.5	0.0
100	16QAM	1	1	18.14	18.34	18.13					19.5
100	64QAM	1	1	18.20	18.26	18.06				19.5	0.0
100	256QAM	1	1	18.23	18.26	18.14				19.5	0.0
Channel											
Frequency (MHz)											
90	QPSK	1	1	18.27	18.30	18.10	19.5				0.0
Channel											
90	QPSK	507024	158598	529998		Turn-up time (s/min)	MPR (dB)				
90	QPSK	1	1	18.27	18.32	18.10	19.5				0.0
Channel											
90	QPSK	506302	158598	531000		Turn-up time (s/min)	MPR (dB)				
90	QPSK	1	1	18.14	18.32	18.10	19.5				0.0
Channel											
90	QPSK	505200	158598	531998		Turn-up time (s/min)	MPR (dB)				
90	QPSK	1	1	18.20	18.26	18.14	19.5				0.0
Channel											
90	QPSK	52512	158598	530998		Turn-up time (s/min)	MPR (dB)				
90	QPSK	1	1	18.23	18.29	18.07	19.5				0.0
Channel											
40	QPSK	1	1	18.27	18.32	18.03	19.5				0.0
Channel											
40	QPSK	502704	158598	534498		Turn-up time (s/min)	MPR (dB)				
40	QPSK	1	1	18.23	18.29	18.07	19.5				0.0
Channel											
35	QPSK	1	1	18.26	18.29	18.07	19.5				0.0
Channel											
35	QPSK	505200	158598	534998		Turn-up time (s/min)	MPR (dB)				
35	QPSK	1	1	18.21	18.29	18.04	19.5				0.0
Channel											
35	QPSK	1	1	18.21	18.31	18.09	19.5				0.0
Channel											
35	QPSK	506120	158598	535998		Turn-up time (s/min)	MPR (dB)				
35	QPSK	1	1	18.26	18.32	18.19	19.5				0.0
Channel											
20	QPSK	1	1	18.28	18.32	18.14	19.5	0.0			
Channel											
20	QPSK	501100	158598	536998		Turn-up time (s/min)	MPR (dB)				
20	QPSK	1	1	200.13	200.29	200.24				19.5	0.0
Channel											
16	QPSK	1	1	18.23	18.27	18.10	19.5	0.0			
Channel											
16	QPSK	500200	158598	537000		Turn-up time (s/min)	MPR (dB)				
16	QPSK	1	1	200.29	200.30	200.29				19.5	0.0
Channel											
16	QPSK	1	1	18.14	18.28	18.19	19.5	0.0			



n41_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				505200	518998	528000	2440		
100	PI2 BPSK	1	1	15.05	15.14	14.91	16.0	0.0	
100	PI2 BPSK	1	137	15.02	15.11	14.88			
100	PI2 BPSK	1	271	15.10	15.11	14.92			
100	PI2 BPSK	135	0	15.12	15.15	14.82	16.0	0.0	
100	PI2 BPSK	135	69	15.13	15.12	14.87	16.0	0.0	
100	PI2 BPSK	135	138	15.02	15.16	14.87	16.0	0.0	
100	PI2 BPSK	270	0	15.08	15.10	14.81			
100	QPSK	1	1	15.10	15.22	14.93			
100	QPSK	1	137	15.06	15.19	14.81	16.0	0.0	
100	QPSK	1	271	15.15	15.16	14.86	16.0	0.0	
100	QPSK	135	0	15.03	15.07	14.79			
100	QPSK	135	69	15.10	15.18	14.91			
100	QPSK	135	138	15.02	15.10	14.90	16.0	0.0	
100	QPSK	270	0	15.06	15.16	14.83			
100	16QAM	1	1	15.01	15.15	14.87			
100	64QAM	1	1	15.15	15.12	14.81	16.0	0.0	
100	256QAM	1	1	15.06	15.14	14.82	16.0	0.0	
Channel				502200	518998	528998			
Frequency (MHz)				2541	2552.99	2648.98			
90	QPSK	1	1	15.02	15.16	14.92	16.0	0.0	
Channel				507204	518998	529998			
Frequency (MHz)				2548.02	2552.99	2648.99			
80	QPSK	1	1	15.09	15.07	14.79	16.0	0.0	
Channel				506202	518998	531000			
Frequency (MHz)				2531.01	2552.99	2635			
70	QPSK	1	1	15.04	15.11	14.87	16.0	0.0	
Channel				505200	518998	531998			
Frequency (MHz)				2526	2552.99	2659.98			
60	QPSK	1	1	15.15	15.12	14.82	16.0	0.0	
Channel				502202	518998	534000			
Frequency (MHz)				2518.02	2552.99	2672.45			
50	QPSK	1	1	15.03	15.09	14.92	16.0	0.0	
Channel				502704	518998	534498			
Frequency (MHz)				2518.02	2552.99	2672.45			
40	QPSK	1	1	15.14	15.13	14.81	16.0	0.0	
Channel				502704	518998	534498			
Frequency (MHz)				2518.02	2552.99	2672.45			
35	QPSK	1	1	15.06	15.21	14.94	16.0	0.0	
Channel				502200	518998	534998			
Frequency (MHz)				2511	2552.99	2674.98			
30	QPSK	1	1	15.08	15.19	14.82	16.0	0.0	
Channel				501204	518998	535998			
Frequency (MHz)				2506.02	2552.99	2679.99			
20	QPSK	1	1	15.02	15.09	14.89	16.0	0.0	
Channel				503202	518998	537000			
Frequency (MHz)				2503.5	2552.99	2682.48			
15	QPSK	1	1	15.04	15.11	14.92	16.0	0.0	
Channel				500202	518998	537000			
Frequency (MHz)				2503.01	2552.99	2686			
10	QPSK	1	1	15.02	15.08	14.79	16.0	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									
Frequency (MHz)				37500	38400	39000			
100	PI2 BPSK	1	1	20.71	21.04	20.91	22.0	0.0	
100	PI2 BPSK	1	137	20.66	21.06	20.94			
100	PI2 BPSK	1	271	20.73	21.06	20.92			
100	PI2 BPSK	135	0	20.65	21.06	21.01	22.0	0.0	
100	PI2 BPSK	135	69	20.60	21.02	20.89	22.0	0.0	
100	PI2 BPSK	135	138	20.67	21.01	20.86	22.0	0.0	
100	PI2 BPSK	270	0	20.67	21.02	20.91			
100	QPSK	1	1	20.75	21.07	20.96			
100	QPSK	1	137	20.56	20.97	20.84	22.0	0.0	
100	QPSK	1	271	20.68	21.05	20.95	22.0	0.0	
100	QPSK	135	0	19.92	20.21	20.06			
100	QPSK	135	69	20.55	20.98	20.95			
100	QPSK	135	138	19.93	20.37	20.26	21.0	1.0	
100	QPSK	270	0	19.89	20.24	20.18			
100	16QAM	1	1	19.81	19.98	19.88			
100	64QAM	1	1	18.34	18.73	18.70	19.5	2.5	
100	256QAM	1	1	17.34	17.74	17.63	18.0	4.0	
Channel				646668	656000	662332			
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	20.65	20.99	20.81	22.0	0.0	
Channel				646334	656000	662666			
Frequency (MHz)				3740.01	3840	3938.99			
80	QPSK	1	1	20.65	20.94	20.89	22.0	0.0	
Channel				646000	656000	663000			
Frequency (MHz)				3735	3840	3943			
70	QPSK	1	1	20.62	20.95	20.92	22.0	0.0	
Channel				646668	656000	663332			
Frequency (MHz)				3730.02	3840	3948.98			
60	QPSK	1	1	20.04	21.06	20.88	22.0	0.0	
Channel				646334	656000	663666			
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1	20.63	21.01	20.89	22.0	0.0	
Channel				646000	656000	664000			
Frequency (MHz)				3720	3840	3950			
40	QPSK	1	1	20.60	21.05	20.83	22.0	0.0	
Channel				647668	656000	664332			
Frequency (MHz)				3715.02	3840	3954.98			
30	QPSK	1	1	20.71	20.92	20.88	22.0	0.0	
Channel				647334	656000	664666			
Frequency (MHz)				3710.01	3840	3959.99			
20	QPSK	1	1	20.65	20.98	20.82	22.0	0.0	
Channel				647168	656000	664832			
Frequency (MHz)				3707.52	3840	3972.48			
15	QPSK	1	1	20.66	20.99	20.82	22.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	20.62	20.94	20.84	22.0	0.0	

Part270(HPUE)_n77_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				65000	65000	66200			
100	PI2 BPSK	1	1	22.49	23.03	22.87	24.0	0.0	
100	PI2 BPSK	1	137	22.36	23.01	22.84			
100	PI2 BPSK	1	271	22.36	22.92	22.72			
100	PI2 BPSK	135	0	22.44	22.98	22.82	23.5	0.5	
100	PI2 BPSK	135	69	22.39	23.01	22.82	24.0	0.0	
100	PI2 BPSK	135	138	22.26	22.89	22.72	23.5	0.5	
100	PI2 BPSK	270	0	22.37	22.97	22.73			
100	QPSK	1	1	22.49	23.06	22.82			
100	QPSK	1	137	22.22	22.83	22.66	24.0	0.0	
100	QPSK	1	271	22.41	22.96	22.71	24.0	0.0	
100	QPSK	135	0	21.98	22.19	21.96			
100	QPSK	135	69	22.35	22.92	22.76			
100	QPSK	135	138	21.95	22.10	21.85	23.0	1.0	
100	QPSK	270	0	21.97	22.08	21.94			
100	16QAM	1	1	21.40	21.95	21.73			
100	64QAM	1	1	19.96	20.58	20.37	21.5	2.5	
100	256QAM	1	1	19.96	19.92	19.60	20.0	4.0	
Channel				64969	65000	66232			
Frequency (MHz)				31451.02	31451.02	30435.98			
30	QPSK	1	1	22.41	22.99	22.71	24.0	0.0	
Channel				64933.94	64960.00	66269.98			
Frequency (MHz)				31415.01	31415.01	30399.98			
80	QPSK	1	1	22.48	22.98	22.78	24.0	0.0	
Channel				64900.00	64900.00	65300.00			
Frequency (MHz)				31735	31840	3045			
70	QPSK	1	1	22.43	22.98	22.67	24.0	0.0	
Channel				64869.00	64869.00	64333.00			
Frequency (MHz)				31760.00	31760.00	30498.98			
60	QPSK	1	1	22.38	23.03	22.71	24.0	0.0	
Channel				64833.91	64833.91	65099.98			
Frequency (MHz)				31825.01	31825.01	30459.98			
50	QPSK	1	1	22.40	22.93	22.67	24.0	0.0	
Channel				64800.00	64800.00	66400.00			
Frequency (MHz)				31920	31920	30400.00			
40	QPSK	1	1	22.47	23.04	22.68	24.0	0.0	
Channel				64769.88	65000.00	66432.00			
Frequency (MHz)				31715.02	31840	3054.98			
30	QPSK	1	1	22.47	22.99	22.67	24.0	0.0	
Channel				64732.00	64900.00	64910.00			
Frequency (MHz)				31710.01	31840	3069.99			
20	QPSK	1	1	22.48	22.98	22.74	24.0	0.0	
Channel				64699.00	64833.91	66400.00			
Frequency (MHz)				31707.52	31840	3072.48			
15	QPSK	1	1	22.44	23.03	22.69	24.0	0.0	
Channel				64700.00	65000.00	66500.00			
Frequency (MHz)				31698	31840	3068.00			
10	QPSK	1	1	22.47	23.05	22.78	24.0	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								
Frequency (MHz)								
				3750	3840	3930		
100	P1/2 BPSK	1	1	17.30	17.64	17.68		
100	P1/2 BPSK	1	137	17.28	17.62	17.54	18.0	0.0
100	P1/2 BPSK	1	241	17.26	17.54	17.46		
100	P1/2 BPSK	135	0	17.25	17.54	17.63	18.0	0.0
100	P1/2 BPSK	135	69	17.27	17.60	17.58	18.0	0.0
100	P1/2 BPSK	135	138	17.18	17.65	17.62	18.0	0.0
100	P1/2 BPSK	270	0	17.18	17.62	17.61		
100	QPSK	1	1	17.32	17.66	17.69		
100	QPSK	1	137	17.22	17.58	17.57	18.0	0.0
100	QPSK	1	271	17.26	17.59	17.62		
100	QPSK	135	0	17.24	17.57	17.64		
100	QPSK	135	69	17.31	17.60	17.67	18.0	0.0
100	QPSK	135	138	17.22	17.53	17.54		
100	QPSK	270	0	17.29	17.58	17.60	18.0	0.0
100	16QAM	1	1	17.28	17.51	17.66	18.0	0.0
100	64QAM	1	1	17.36	17.58	17.55	18.0	0.0
100	256QAM	1	1	17.21	17.65	17.61	18.0	0.0
Channel								
Frequency (MHz)								
				3745.02	3840	3934.98		MPR
90	QPSK	1	1	17.31	17.53	17.63	18.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	662666		MPR
80	QPSK	1	1	17.29	17.52	17.67	18.0	0.0
Channel								
Frequency (MHz)								
				648000	656000	663000		MPR
70	QPSK	1	1	17.25	17.40	17.45	18.0	0.0
Channel								
Frequency (MHz)								
				648668	656000	663332		MPR
60	QPSK	1	1	17.19	17.57	17.67	18.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	663000		MPR
50	QPSK	1	1	17.31	17.59	17.57	18.0	0.0
Channel								
Frequency (MHz)								
				3750.02	3840	3940.98		MPR
40	QPSK	1	1	17.28	17.60	17.63	18.0	0.0
Channel								
Frequency (MHz)								
				647668	656000	664332		MPR
30	QPSK	1	1	17.18	17.62	17.57	18.0	0.0
Channel								
Frequency (MHz)								
				647334	656000	664666		MPR
20	QPSK	1	1	17.27	17.61	17.58	18.0	0.0
Channel								
Frequency (MHz)								
				647168	656000	664832		MPR
15	QPSK	1	1	17.18	17.64	17.67	18.0	0.0
Channel								
Frequency (MHz)								
				3705	3840	3975		MPR
10	QPSK	1	1	17.30	17.57	17.62	18.0	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								
Frequency (MHz)								
				3750	3840	3900		
100	P1/2 BPSK	1	1	20.24	20.58	20.37		
100	P1/2 BPSK	1	137	20.20	20.59	20.42	21.0	0.0
100	P1/2 BPSK	1	241	20.25	20.64	20.38		
100	P1/2 BPSK	135	0	20.24	20.67	20.40	21.0	0.0
100	P1/2 BPSK	135	69	20.25	20.70	20.50	21.0	0.0
100	P1/2 BPSK	135	138	20.16	20.59	20.46	21.0	0.0
100	P1/2 BPSK	270	0	20.15	20.70	20.46		
100	QPSK	1	1	20.30	20.71	20.51		
100	QPSK	1	137	20.20	20.60	20.50	21.0	0.0
100	QPSK	1	271	20.27	20.70	20.58		
100	QPSK	135	0	20.15	20.55	20.47		
100	QPSK	135	69	20.20	20.70	20.50	21.0	0.0
100	QPSK	135	138	20.19	20.68	20.49		
100	QPSK	270	0	20.24	20.61	20.44	21.0	0.0
100	16QAM	1	1	20.21	20.64	20.43	21.0	0.0
100	64QAM	1	1	20.27	20.70	20.40	21.0	0.0
100	256QAM	1	1	20.23	20.62	20.36	21.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	662332		MPR
90	QPSK	1	1	20.22	20.59	20.46	21.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	662666		MPR
80	QPSK	1	1	20.15	20.63	20.47	21.0	0.0
Channel								
Frequency (MHz)								
				648000	656000	663000		MPR
70	QPSK	1	1	20.19	20.63	20.36	21.0	0.0
Channel								
Frequency (MHz)								
				648668	656000	663332		MPR
60	QPSK	1	1	20.15	20.59	20.42	21.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	662666		MPR
50	QPSK	1	1	20.29	20.63	20.44	21.0	0.0
Channel								
Frequency (MHz)								
				648000	656000	663000		MPR
40	QPSK	1	1	20.23	20.66	20.49	21.0	0.0
Channel								
Frequency (MHz)								
				647668	656000	664332		MPR
30	QPSK	1	1	20.26	20.63	20.44	21.0	0.0
Channel								
Frequency (MHz)								
				647334	656000	664666		MPR
20	QPSK	1	1	20.29	20.57	20.40	21.0	0.0
Channel								
Frequency (MHz)								
				647168	656000	664832		MPR
15	QPSK	1	1	20.26	20.59	20.40	21.0	0.0
Channel								
Frequency (MHz)								
				3705	3840	3975		MPR
10	QPSK	1	1	20.25	20.70	20.45	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3750	3840	3900		
100	P1/2 BPSK	1	1	18.83	18.78	18.91		
100	P1/2 BPSK	1	137	18.51	18.74	18.96	20.0	0.0
100	P1/2 BPSK	1	241	18.54	18.71	19.03		
100	P1/2 BPSK	135	0	18.53	18.76	18.90	20.0	0.0
100	P1/2 BPSK	135	69	18.58	18.79	19.00	20.0	0.0
100	P1/2 BPSK	135	138	18.61	18.72	19.02	20.0	0.0
100	P1/2 BPSK	270	0	18.62	18.74	19.04		
100	QPSK	1	1	18.64	18.84	19.05		
100	QPSK	1	137	18.50	18.70	18.96	20.0	0.0
100	QPSK	1	271	18.60	18.76	19.00		
100	QPSK	135	0	18.54	18.72	18.93		
100	QPSK	135	69	18.58	18.76	19.03	20.0	0.0
100	QPSK	135	138	18.54	18.70	19.01		
100	QPSK	270	0	18.58	18.76	18.92	20.0	0.0
100	16QAM	1	1	18.62	18.80	18.94	20.0	0.0
100	64QAM	1	1	18.62	18.80	18.95	20.0	0.0
100	256QAM	1	1	18.59	18.69	18.92	20.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	662332		MPR
90	QPSK	1	1	18.52	18.83	19.01	20.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	662666		MPR
80	QPSK	1	1	18.49	18.89	19.02	20.0	0.0
Channel								
Frequency (MHz)								
				648000	656000	663000		MPR
70	QPSK	1	1	18.54	18.79	18.93	20.0	0.0
Channel								
Frequency (MHz)								
				648666	657000	663332		MPR
60	QPSK	1	1	18.60	18.84	19.04	20.0	0.0
60	QPSK	1	1	18.57	18.71	18.93	20.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	663666		MPR
50	QPSK	1	1	18.61	18.81	19.04	20.0	0.0
50	QPSK	1	1	18.53	18.75	19.03	20.0	0.0
Channel								
Frequency (MHz)								
				648000	656000	664000		MPR
40	QPSK	1	1	18.63	18.74	19.01	20.0	0.0
Channel								
Frequency (MHz)								
				647666	656000	664332		MPR
30	QPSK	1	1	18.62	18.84	19.04	20.0	0.0
Channel								
Frequency (MHz)								
				647000	656000	664666		MPR
20	QPSK	1	1	18.63	18.80	18.90	20.0	0.0
Channel								
Frequency (MHz)								
				647158	656000	664832		MPR
15	QPSK	1	1	18.68	18.70	18.99	20.0	0.0
Channel								
Frequency (MHz)								
				647000	656000	665000		MPR
10	QPSK	1	1	18.57	18.71	18.92	20.0	0.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
				37500	38400	39300				
100	P12 BPSK	1	1	21.30	21.84	21.65				
100	P12 BPSK	1	137	21.19	21.88	21.64	23.0	0.0		
100	P12 BPSK	1	271	21.27	21.87	21.68				
100	P12 BPSK	135	0	21.30	21.88	21.65	23.0	0.0		
100	P12 BPSK	135	69	21.26	21.85	21.67	23.0	0.0		
100	P12 BPSK	135	138	21.27	21.86	21.67				
100	P12 BPSK	270	0	21.21	21.89	21.72	23.0	0.0		
100	QPSK	1	1	21.32	21.96	21.73				
100	QPSK	1	137	21.19	21.94	21.67	23.0	0.0		
100	QPSK	1	271	21.27	21.87	21.67				
100	QPSK	135	0	21.19	21.85	21.69				
100	QPSK	135	69	21.30	21.88	21.72	23.0	0.0		
100	QPSK	135	138	21.26	21.84	21.63				
100	QPSK	270	0	21.28	21.86	21.61	23.0	0.0		
100	16QAM	1	1	21.27	21.92	21.67	23.0	0.0		
100	64QAM	1	1	21.18	21.95	21.69	23.0	0.0		
100	256QAM	1	1	21.24	21.83	21.66	23.0	0.0		
Channel										
Frequency (MHz)										
				646968	656000	662332		MPR		
90	QPSK	1	1	21.26	21.88	21.58	23.0	0.0		
Channel										
Frequency (MHz)										
				646334	656000	662666		MPR		
80	QPSK	1	1	21.20	21.89	21.58	23.0	0.0		
Channel										
Frequency (MHz)										
				648000	656000	663000		MPR		
70	QPSK	1	1	21.27	21.83	21.70	23.0	0.0		
Channel										
Frequency (MHz)										
				648668	656000	663332		MPR		
60	QPSK	1	1	21.27	21.88	21.61	23.0	0.0		
Channel										
Frequency (MHz)										
				648334	656000	663666		MPR		
50	QPSK	1	1	21.18	21.91	21.72	23.0	0.0		
Channel										
Frequency (MHz)										
				648000	656000	664000		MPR		
40	QPSK	1	1	21.28	21.85	21.64	23.0	0.0		
Channel										
Frequency (MHz)										
				647668	656000	664332		MPR		
30	QPSK	1	1	21.17	21.92	21.63	23.0	0.0		
Channel										
Frequency (MHz)										
				647334	656000	664666		MPR		
20	QPSK	1	1	21.24	21.89	21.69	23.0	0.0		
Channel										
Frequency (MHz)										
				647168	656000	664832		MPR		
15	QPSK	1	1	21.20	21.86	21.64	23.0	0.0		
Channel										
Frequency (MHz)										
				647000	656000	665000		MPR		
10	QPSK	1	1	21.26	21.93	21.72	23.0	0.0		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
				3750	3840	3900				
100	P12 BPSK	1	1	17.60	17.96	18.06				
100	P12 BPSK	1	137	17.61	17.96	18.02	18.5	0.0		
100	P12 BPSK	1	271	17.70	17.92	18.10				
100	P12 BPSK	135	0	17.61	18.03	18.13	18.5	0.0		
100	P12 BPSK	135	69	17.59	17.98	18.02	18.5	0.0		
100	P12 BPSK	135	138	17.62	17.93	18.05				
100	P12 BPSK	270	0	17.60	18.00	18.01	18.5	0.0		
100	QPSK	1	1	17.72	18.07	18.14				
100	QPSK	1	137	17.61	17.93	18.04	18.5	0.0		
100	QPSK	1	271	17.71	17.94	18.01				
100	QPSK	135	0	17.63	17.97	18.05				
100	QPSK	135	69	17.60	18.06	18.06	18.5	0.0		
100	QPSK	135	138	17.60	17.94	18.04				
100	QPSK	270	0	17.71	18.03	18.03	18.5	0.0		
100	16QAM	1	1	17.66	17.95	18.11	18.5	0.0		
100	64QAM	1	1	17.62	17.99	18.06	18.5	0.0		
100	256QAM	1	1	17.63	18.06	18.00	18.5	0.0		
Channel										
Frequency (MHz)										
				646968	656000	662332	Tune-up limit (dBm)		MPR	
90	QPSK	1	1	17.65	17.99	18.13	18.5	0.0		
Channel										
Frequency (MHz)										
				648334	656000	662666	Tune-up limit (dBm)		MPR	
80	QPSK	1	1	17.64	18.01	18.05	18.5	0.0		
Channel										
Frequency (MHz)										
				648000	656000	663000	Tune-up limit (dBm)		MPR	
70	QPSK	1	1	17.68	17.95	18.05	18.5	0.0		
Channel										
Frequency (MHz)										
				648668	656000	663332	Tune-up limit (dBm)		MPR	
60	QPSK	1	1	17.64	18.06	18.07	18.5	0.0		
Channel										
Frequency (MHz)										
				648334	656000	663666	Tune-up limit (dBm)		MPR	
50	QPSK	1	1	17.65	17.92	18.11	18.5	0.0		
Channel										
Frequency (MHz)										
				648000	656000	664000	Tune-up limit (dBm)		MPR	
40	QPSK	1	1	17.69	17.92	18.06	18.5	0.0		
Channel										
Frequency (MHz)										
				647668	656000	664332	Tune-up limit (dBm)		MPR	
30	QPSK	1	1	17.62	18.04	18.00	18.5	0.0		
Channel										
Frequency (MHz)										
				647334	656000	664666	Tune-up limit (dBm)		MPR	
20	QPSK	1	1	17.66	18.04	18.02	18.5	0.0		
Channel										
Frequency (MHz)										
				647168	656000	664832	Tune-up limit (dBm)		MPR	
15	QPSK	1	1	17.67	17.93	17.99	18.5	0.0		
Channel										
Frequency (MHz)										
				3702	3840	3972			MPR	
10	QPSK	1	1	17.66	18.03	18.04	18.5	0.0		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
				65000	65000	66200				
100	P12 BPSK	1	1	19.46	19.75	19.94				
100	P12 BPSK	1	137	19.49	19.92	19.83	20.5	0.0		
100	P12 BPSK	1	271	19.41	19.77	19.89				
100	P12 BPSK	135	0	19.49	19.75	19.94	20.5	0.0		
100	P12 BPSK	135	69	19.43	19.85	19.91	20.5	0.0		
100	P12 BPSK	135	138	19.44	19.84	19.87				
100	P12 BPSK	270	0	19.44	19.81	19.87	20.5	0.0		
100	QPSK	1	1	19.46	19.75	19.94				
100	QPSK	1	137	19.43	19.76	19.88	20.5	0.0		
100	QPSK	1	271	19.47	19.86	19.90				
100	QPSK	135	0	19.42	19.84	19.96				
100	QPSK	135	69	19.45	19.87	19.94	20.5	0.0		
100	QPSK	135	138	19.42	19.74	19.89				
100	QPSK	270	0	19.82	19.85	19.92	20.5	0.0		
100	56QAM	1	1	19.48	19.91	19.91	20.5	0.0		
100	56QAM	1	1	19.48	19.84	19.94				
100	256QAM	1	1	17.99	19.40	19.39	19.0	1.5		
Channel										
Frequency (MHz)										
				64969	65000	66232				
30	QPSK	1	1	19.48	19.84	19.93	20.5	0.0		
Channel										
Frequency (MHz)										
				64934	65000	66266				
80	QPSK	1	1	19.43	19.73	19.86	20.5	0.0		
Channel										
Frequency (MHz)										
				3735	3840	3945				
70	QPSK	1	1	19.47	19.75	19.95	20.5	0.0		
Channel										
Frequency (MHz)										
				3750.02	3840	3949.98				
60	QPSK	1	1	19.54	19.81	19.87	20.5	0.0		
Channel										
Frequency (MHz)										
				3725.51	3840	3955.99				
50	QPSK	1	1	19.49	19.73	19.92	20.5	0.0		
Channel										
Frequency (MHz)										
				3720	3840	3960				
40	QPSK	1	1	19.47	19.73	19.85	20.5	0.0		
Channel										
Frequency (MHz)										
				3715.52	3840	3954.48				
30	QPSK	1	1	19.47	19.82	19.84	20.5	0.0		
Channel										
Frequency (MHz)										
				3710.01	3840	3969.99				
20	QPSK	1	1	19.54	19.77	19.92	20.5	0.0		
Channel										
Frequency (MHz)										
				3707.52	3840	3972.48				
15	QPSK	1	1	19.42	19.79	19.84	20.5	0.0		
Channel										
Frequency (MHz)										
				3670.00	3840	3990				
10	QPSK	1	1	19.47	19.73	19.83	20.5	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								
Frequency (MHz)				3750				
100	PI2 BPSK	1	1	19.26			20.0	0.0
100	PI2 BPSK	1	137	19.27				
100	PI2 BPSK	1	241	19.24				
100	PI2 BPSK	135	0	19.19			19.5	0.5
100	PI2 BPSK	135	69	19.21			20.0	0.0
100	PI2 BPSK	135	138	19.18			19.5	0.5
100	PI2 BPSK	240	0	19.24				
100	QPSK	1	1	19.29				
100	QPSK	1	137	18.84			20.0	0.0
100	QPSK	1	241	18.83				
100	QPSK	135	0	18.12				
100	QPSK	135	69	18.72			20.0	0.0
100	QPSK	135	138	18.05				
100	QPSK	240	0	17.98			18.0	1.0
100	16QAM	1	1	18.29			18.0	1.0
100	64QAM	1	1	18.72			18.0	2.0
100	256QAM	1	1	18.88			17.0	3.0
Channel				648668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.27	19.22	19.16	20.0	0.0
Channel								
Frequency (MHz)				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	19.18	19.23	19.22	20.0	0.0
Channel								
Frequency (MHz)				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	19.28	19.16	19.27	20.0	0.0
Channel								
Frequency (MHz)				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	19.20	19.14	19.23	20.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	19.15	19.18	19.16	20.0	0.0
Channel								
Frequency (MHz)				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	19.25	19.17	19.22	20.0	0.0
Channel								
Frequency (MHz)				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	19.16	19.26	19.18	20.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	19.14	19.15	19.27	20.0	0.0
Channel								
Frequency (MHz)				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	19.18	19.19	19.26	20.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	19.20	19.23	19.16	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750		3750		
100	PI2 BPSK	1	1	21.06			22.0	0.0
100	PI2 BPSK	1	137	21.07				
100	PI2 BPSK	1	241	21.03				
100	PI2 BPSK	135	0	21.08			21.5	0.5
100	PI2 BPSK	135	69	21.07			22.0	0.0
100	PI2 BPSK	135	138	21.04			21.5	0.5
100	PI2 BPSK	240	0	21.06				
100	QPSK	1	1	21.09				
100	QPSK	1	137	20.79			22.0	0.0
100	QPSK	1	241	20.41				
100	QPSK	135	0	20.96				
100	QPSK	135	69	20.82			22.0	0.0
100	QPSK	135	138	19.72				
100	QPSK	240	0	19.34			21.0	1.0
100	16QAM	1	1	20.12			21.0	1.0
100	64QAM	1	1	19.42			19.5	2.5
100	256QAM	1	1	17.99			18.0	4.0
Channel								
Frequency (MHz)				648668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	21.00	21.07	20.95	22.0	0.0
Channel								
Frequency (MHz)				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	21.05	20.99	20.97	22.0	0.0
Channel								
Frequency (MHz)				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	20.98	21.02	20.94	22.0	0.0
Channel								
Frequency (MHz)				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	21.04	20.98	21.05	22.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	20.97	21.00	21.05	22.0	0.0
Channel								
Frequency (MHz)				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	20.97	20.98	21.06	22.0	0.0
Channel								
Frequency (MHz)				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	21.08	20.97	21.03	22.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	21.03	20.96	21.02	22.0	0.0
Channel								
Frequency (MHz)				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	20.94	21.00	21.00	22.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	20.95	20.95	21.00	22.0	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								
Frequency (MHz)				37500				
100	PI2 BPSK	1	1	17.06			18.0	0.0
100	PI2 BPSK	1	137	17.10				
100	PI2 BPSK	1	271	17.14				
100	PI2 BPSK	135	0	17.14			18.0	0.0
100	PI2 BPSK	135	69	17.06			18.0	0.0
100	PI2 BPSK	135	138	17.13			18.0	0.0
100	PI2 BPSK	270	0	17.07				
100	QPSK	1	1	17.18				
100	QPSK	1	137	17.10			18.0	0.0
100	QPSK	1	271	17.17				
100	QPSK	135	0	17.11				
100	QPSK	135	69	17.15			18.0	0.0
100	QPSK	135	138	17.13				
100	QPSK	270	0	17.07			18.0	0.0
100	16QAM	1	1	17.16			18.0	0.0
100	64QAM	1	1	17.08			18.0	0.0
100	256QAM	1	1	17.05			18.0	0.0
Channel								
Frequency (MHz)				648668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.16	17.16	17.03	18.0	0.0
Channel								
Frequency (MHz)				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	17.03	17.03	16.90	18.0	0.0
Channel								
Frequency (MHz)				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	17.08	17.05	16.97	18.0	0.0
Channel								
Frequency (MHz)				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	17.12	17.13	17.01	18.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	17.05	17.02	16.88	18.0	0.0
Channel								
Frequency (MHz)				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	17.09	17.01	16.94	18.0	0.0
Channel								
Frequency (MHz)				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	17.03	17.06	16.91	18.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	17.15	17.05	16.93	18.0	0.0
Channel								
Frequency (MHz)				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	17.04	17.02	16.94	18.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	17.04	17.05	16.90	18.0	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									
Frequency (MHz)									
100	P12 BPSK	1	1	3750	3750	3750			
100	P12 BPSK	1	137		19.76		21.0	0.0	
100	P12 BPSK	1	271		19.81				
100	P12 BPSK	135	0		19.80				
100	P12 BPSK	135	69		19.80		21.0	0.0	
100	P12 BPSK	135	138		19.78				
100	P12 BPSK	270	0		19.79		21.0	0.0	
100	QPSK	1	1		19.83				
100	QPSK	1	137		19.71		21.0	0.0	
100	QPSK	1	271		19.80				
100	QPSK	135	0		19.78				
100	QPSK	135	69		19.79		21.0	0.0	
100	QPSK	135	138		19.72				
100	QPSK	270	0		19.75		21.0	0.0	
100	16QAM	1	1		19.82		21.0	0.0	
100	64QAM	1	1		19.76		21.0	0.0	
100	256QAM	1	1		19.81		21.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3745.02	3750	3754.98	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
80	QPSK	1	1	19.69	19.76	19.67	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
70	QPSK	1	1	19.70	19.76	19.60	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
60	QPSK	1	1	19.68	19.72	19.66	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
50	QPSK	1	1	19.68	19.72	19.66	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
40	QPSK	1	1	19.64	19.66	19.65	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
30	QPSK	1	1	19.69	19.70	19.65	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
20	QPSK	1	1	19.64	19.72	19.68	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
15	QPSK	1	1	19.61	19.73	19.69	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.64	19.71	19.67	Tune-up limit (dBm)	MPR	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1		18.72				
100	P12 BPSK	1	137		18.82		20.0	0.0	
100	P12 BPSK	1	271		18.74				
100	P12 BPSK	135	0		18.69		20.0	0.0	
100	P12 BPSK	135	69		18.80		20.0	0.0	
100	P12 BPSK	135	138		18.77		20.0	0.0	
100	P12 BPSK	270	0		18.76				
100	QPSK	1	1		18.84				
100	QPSK	1	137		18.81		20.0	0.0	
100	QPSK	1	271		18.81				
100	QPSK	135	0		18.82				
100	QPSK	135	69		18.83		20.0	0.0	
100	QPSK	135	138		18.70				
100	QPSK	270	0		18.79		20.0	0.0	
100	16QAM	1	1		18.71		20.0	0.0	
100	64QAM	1	1		18.82		20.0	0.0	
100	256QAM	1	1		18.76		20.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	18.6668	18.6000	18.6032	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	18.6104	18.5000	18.5484	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	QPSK	1	1	18.6434	18.6000	18.6906	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	1	18.7401	18.7000	18.7639	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	1	18.7171	18.6750	18.7371	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	1	18.7350	18.7000	18.7700	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.7302	18.7000	18.7698	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.6501	18.6000	18.6999	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.6801	18.5900	18.7200	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.6101	18.5000	18.7000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
5	QPSK	1	1	18.7375	18.5900	18.6250	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
0	QPSK	1	1	18.6700	18.5000	18.5300	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
0	QPSK	1	1	18.7000	18.5900	18.6100	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
0	QPSK	1	1	18.6700	18.5800	18.6100	Tune-up limit (dBm)	MPR (dB)	

Part270(HPUE)_n78_Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1		21.62				
100	P12 BPSK	1	137		21.66		23.0	0.0	
100	P12 BPSK	1	271		21.71				
100	P12 BPSK	135	0		21.70		23.0	0.0	
100	P12 BPSK	135	69		21.84		23.0	0.0	
100	P12 BPSK	135	138		21.69		23.0	0.0	
100	P12 BPSK	270	0		21.71				
100	QPSK	1	1		21.73				
100	QPSK	1	137		21.65		23.0	0.0	
100	QPSK	1	271		21.62				
100	QPSK	135	0		21.66				
100	QPSK	135	69		21.70		23.0	0.0	
100	QPSK	135	138		21.64				
100	QPSK	270	0		21.68		23.0	0.0	
100	16QAM	1	1		21.65		23.0	0.0	
100	64QAM	1	1		21.69		23.0	0.0	
100	256QAM	1	1		21.67		22.5	0.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	21.66	21.58	21.59	23.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.62	21.46	21.56	23.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	21.51	21.57	21.53	23.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	21.52	21.46	21.52	23.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.57	21.52	21.46	23.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	21.54	21.51	21.57	23.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.54	21.45	21.55	23.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.58	21.45	21.45	23.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.57	21.53	21.54	23.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.57	21.54	21.56	23.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000		3750			
Frequency (MHz)				3750					
100	P2-BPSK	1	1	17.89			18.5	0.0	
100	P2-BPSK	1	137	17.78					
100	P2-BPSK	1	271	17.52					
100	P2-BPSK	135	0	17.80			18.5	0.0	
100	P2-BPSK	135	69	17.79			18.5	0.0	
100	P2-BPSK	135	138	17.91			18.5	0.0	
100	P2-BPSK	270	0	17.79			18.5	0.0	
100	QPSK	1	1	17.53					
100	QPSK	1	137	17.82					
100	QPSK	1	271	17.78			18.5	0.0	
100	QPSK	135	0	17.79					
100	QPSK	135	69	17.50					
100	QPSK	135	138	17.78			18.5	0.0	
100	QPSK	270	0	17.85					
100	16QAM	1	1	17.89			18.5	0.0	
100	64QAM	1	1	17.91			18.5	0.0	
100	256QAM	1	1	17.08			17.5	1.0	
Channel				649686	650000	650332	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	17.85	17.91	17.99	18.5	0.0	
Channel				649334	650000	650666	Tune-up limit (dB)		MPR
Frequency (MHz)				3748.91	3750	3750.99			
80	QPSK	1	1	17.79	17.78	17.86	18.5	0.0	
Channel				648000	650000	651000	Tune-up limit (dB)		MPR
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	17.73	17.50	17.85	18.5	0.0	
Channel				648668	650000	651332	Tune-up limit (dBm)		MPR
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1	17.74	17.84	17.89	18.5	0.0	
Channel				645334	650000	651666	Tune-up limit (dBm)		MPR
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	17.72	17.84	17.78	18.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)		MPR
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	17.79	17.85	17.82	18.5	0.0	
Channel				647068	650000	652332	Tune-up limit (dB)		MPR
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1	17.83	17.88	17.82	18.5	0.0	
Channel				647334	650000	652666	Tune-up limit (dB)		MPR
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	17.74	17.77	17.87	18.5	0.0	
Channel				647168	650000	652832	Tune-up limit (dBm)		MPR
Frequency (MHz)				3707.02	3750	3792.98			
15	QPSK	1	1	17.77	17.60	17.63	18.5	0.0	
Channel				647050	650000	653000	Tune-up limit (dBm)		MPR
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	17.72	17.78	17.86	18.5	0.0	

Part27O(HPUE)_n78_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000		3750			
Frequency (MHz)				3750					
100	P2-BPSK	1	1	19.82			20.5	0.0	
100	P2-BPSK	1	137	19.81					
100	P2-BPSK	1	271	19.89					
100	P2-BPSK	135	0	19.85			20.5	0.0	
100	P2-BPSK	135	69	19.79			20.5	0.0	
100	P2-BPSK	135	138	19.83			20.5	0.0	
100	P2-BPSK	270	0	19.84			20.5	0.0	
100	QPSK	1	1	19.51					
100	QPSK	1	137	19.78					
100	QPSK	1	271	19.86			20.5	0.0	
100	QPSK	135	0	19.89					
100	QPSK	135	69	19.50					
100	QPSK	135	138	19.83			20.5	0.0	
100	QPSK	270	0	19.86					
100	16QAM	1	1	19.89			20.5	0.0	
100	64QAM	1	1	19.85			20.5	0.0	
100	256QAM	1	1	18.20			18.5	2.0	
Channel				649686	650000	650332	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	19.77	19.99	19.83	20.5	0.0	
Channel				649334	650000	650666	Tune-up limit (dBm)		MPR
Frequency (MHz)				3748.91	3750	3750.99			
80	QPSK	1	1	19.72	19.77	19.72	20.5	0.0	
Channel				648000	650000	651000	Tune-up limit (dBm)		MPR
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	19.70	19.75	19.76	20.5	0.0	
Channel				648668	650000	651332	Tune-up limit (dBm)		MPR
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1	19.72	19.75	19.72	20.5	0.0	
Channel				645334	650000	651666	Tune-up limit (dBm)		MPR
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	19.75	19.89	19.73	20.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)		MPR
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	19.74	19.87	19.74	20.5	0.0	
Channel				647068	650000	652332	Tune-up limit (dBm)		MPR
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1	19.82	19.89	19.81	20.5	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)		MPR
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	19.70	19.83	19.72	20.5	0.0	
Channel				647168	650000	652832	Tune-up limit (dBm)		MPR
Frequency (MHz)				3707.02	3750	3792.98			
15	QPSK	1	1	19.64	19.88	19.72	20.5	0.0	
Channel				647050	650000	653000	Tune-up limit (dBm)		MPR
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	19.72	19.77	19.79	20.5	0.0	

[illegible]

Band		WCDMA V_Ant_0_Default				WCDMA V_Ant_1_Default			
Rx Channel		4152	4182	4233	Turn-up Limit (dBm)	4152	4182	4233	Turn-up Limit (dBm)
Tx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Ref 99	RMC 12.20kpa	23.17	23.08	22.97	24.00	23.03	23.04	23.03	24.00

Band		WCDMA IV_Are 2, DS1.2			Tune-up Limit (dBm)	WCDMA IV_Are 1, DS1.2			Tune-up Limit (dBm)
TX Channel	RX Channel	1312	1413	1513		1312	1413	1513	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
SCPP Ref 99	RMC 12.2Kbps	22.99	23.05	22.93	24.00	17.13	17.31	17.18	18.70

Band		WCDMA V. Ant.6, DSI 2			WCDMA V. Ant.1, DSI 2		
		4152	4182	4233	4152	4182	4233
Rx Channel		4357	4407	4458	4357	4407	4458
Frequency (MHz)		826.4	836.4	846.6	826.4	836.4	846.6
3GPP Ref. #	RMC-12.200pa	23.17	23.08	22.97	24.00	23.03	23.03

Band		WCDMA IV_Are2_DSI_3			Tune-up Limit (dBm)	WCDMA IV_Are1_DSI_3			Tune-up Limit (dBm)	
Tx Channel		1512	1413	1513		1532		1413		1513
Rx Channel		1537	1638	1738		1537 <td>1638</td> <td>1738</td>		1638		1738
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4 <td>1732.6</td> <td>1752.6</td>		1732.6		1752.6
1QPP Ref 99	RMC 12-20bps	21.71	21.81	21.58	22.70	15.18	15.38	15.29	16.70	

Band		WCDMA V_Ant 0, DSI 3			Tune-up Limit (dBm)	WCDMA V_Ant 1, DSI 3			Tune-up Limit (dBm)
TX Channel	4132	4182	4233	4132		4182	4233		
Rx Channel	4357	4407	4458	4357		4407	4458		
Frequency (MHz)	826.4	836.4	846.6	826.4	836.4	846.6			
SCFPP Ref 99	RMC 12.20kps	23.17	23.08	22.97	24.60	23.03	23.04	23.03	24.60

Band		WCMA IV, Ave 2, DSI 4				WCMA IV, Ave 1, DSI 4				
		TX Channel	1312	1413	1513	Tune-up Limit (dBm)	1312	1413	1513	Tune-up Limit (dBm)
		RX Channel	1537	1638	1738		1537	1638	1738	
		Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Ref 99	RBAC 12.20bps		22.99	23.05	22.93	24.00	22.22	22.54	22.52	24.00

Band		WCDMA_V, Ant 0, DSI 4			Tune-up Limit (dBm)	WCDMA_V, Ant 1, DSI 4			Tune-up Limit (dBm)
TX Channel		4152	4180	4233		4152	4180	4233	
Rx Channel		4307	4407	4458	4307	4407	4458		
Frequency (MHz)		826.4	826.4	848.6	826.4	826.4	848.6		
3GPP: Pcs 800	ISAC: 12.25Kbps	23.17	23.08	22.97	24.00	23.03	23.04	23.03	24.00

Band		WCMA IV, Ar2, DSI 6			Tune-up Limit (dBm)	WCMA IV, Ar1, DSI 6			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
SGPP Ref 59	RBW: 12.2KHz	22.99	23.05	22.93	24.00	18.04	19.23	19.20	20.70

Band		WCMA v.41, DSI 6			Tune-up Limit (dBm)	WCMA v.41, DSI 6			Tune-up Limit (dBm)
TX Channel		4155	4160	4233		4152	4165	4233	
RX Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		936.4	936.4	946.6		936.4	936.4	946.6	
3GPP Ref #0	REAC 12-20bps	23.17	23.08	22.97	34.00	23.03	23.04	23.03	24.00

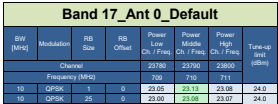
Band		WCMA IV, Aiv2, DSI 7			Tune-up Limit (dBm)	WCMA IV, Aiv1, DSI 7			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1636	1736		1537	1636	1736	
Frequency (MHz)		1732.4	1732.6	1752.6		1732.4	1732.6	1752.6	
3GPP Ref 99	RMC 12.20KHz	20.33	20.45	20.18	21.20	13.37	13.45	15.20	

Band		WCDMA v. Ant 6, DS17			Time-up Limit (dBm)	WCDMA v. Ant 1, DS17			Time-up Limit (dBm)
TX Channel		4155	4182	4233		4152	4185	4233	
RX Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
SCSPP Ref 99	RAC 12.2Kbps	23.17	23.08	22.97	34.60	22.01	22.06	22.01	22.90

Band 4_Ant 1_DSI 7						
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	13.67	13.72	13.70
20	QPSK	50	0	13.59	13.70	13.83
						Tune-up (dBm)
						14.7
						14.7

Band 7_Ant 1_DSI 7							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up end (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.24	15.33	15.31	16.2
20	QPSK	50	0	15.25	15.28	15.26	16.2

Band 13_Ant 1_DSI 7							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up time (dBm)
Channel				7320			
Frequency (MHz)				2832			
10	QPSK	1	0		21.38		22.8
10	QPSK	25	0		21.33		22.8



Band 17_Ant 0_DSI 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up 1st (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				700	710	711	
10	QPSK	1	0	23.05	23.13	23.08	24.0
10	QPSK	25	0	23.00	23.08	23.07	24.0

Band 17_Ant 0_DSI 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up list (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.05	23.13	23.08	24.0
10	QPSK	25	0	23.00	23.08	23.07	24.0

Band 17_Ant 0_DSI 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power/ High Ch./Freq	Tune-up and (dBm)
Channel				2360	23790	23800	
Frequency (MHz)				710	710	711	
10	QPSK	1	0	23.06	23.15	23.08	24.0
10	QPSK	26	0	23.00	23.08	23.07	24.0

Band 17_Ant 0_DSI 6							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tx- up and (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				700	710	711	
10	QPSK	1	0	23.05	23.15	23.08	24.0
10	QPSK	25	0	23.00	23.08	23.07	24.0

Band 17_Ant 0_DSI 7							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up time (ms)
				23780	23790	23800	
Frequency (MHz)				700	710	711	
10	QPSK	1	0	23.05	23.13	23.08	24.0
10	QPSK	25	0	23.00	23.08	23.07	24.0

Band 17_Ant 1_Default							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up list (dBm)
Channel				23786	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.39	22.45	22.44	24.0
10	QPSK	25	0	22.24	22.38	22.30	23.0

Band 17_Ant 1_DSI 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up level (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.39	22.45	22.44	24.0
10	QPSK	25	0	22.24	22.38	22.30	23.0

Band 17_Ant 1_DSI 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.39	22.45	22.44	24.0
10	QPSK	25	0	22.24	22.38	22.30	23.0

Band 17_Ant 1_DSI 4							
SW (MHz)	Modulation	RB Size	RB Offset	Power Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.39	22.45	22.44	24.0
10	QPSK	25	0	22.24	22.38	22.30	23.0

Band 17_Ant 1_DSI 6							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Unit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.39	22.45	22.44	24.0
10	QPSK	25	0	22.24	22.38	22.30	23.0

Band 17_Ant 1_DSI 7							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	21.81	21.86	21.80	23.5
10	QPSK	25	0	21.78	21.80	21.70	23.0

Band 66_Ant 2_Default							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up level (dBm)
Channel				132072	132522	132572	
Frequency (MHz)				17020	1745	1770	
20	QPSK	1	0	22.57	22.08	22.56	24.0
20	QPSK	50	0	22.50	22.00	22.51	23.0

Band 66_Ant 2_DSI 2						
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.57	22.66	24.6
20	QPSK	50	0	22.50	22.60	23.6

Band 66_Ant 2_DSI 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Midhi Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)
Channel				132072	132522	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.30	21.37	21.34	22.7
20	QPSK	50	0	21.23	21.35	21.24	22.7

Band 66_Ant 2_DSI 4							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				17070	1745	1770	
20	QPSK	1	0	22.57	22.06	22.56	24.6
20	QPSK	50	0	22.50	22.00	22.51	23.6

Band 66_Ant 2_DSI 6							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Turn-up and (dBm)
Channel				130202	130222	130252	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.57	22.86	22.56	24.0
20	QPSK	50	0	22.50	22.80	22.51	23.0

Band	BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Unit (dBm)
Channel					132022	132322	132572	
Frequency (MHz)					1720	1745	1770	
26	QPSK	1	0		21.30	21.37	21.34	22.7
26	QPSK	50	0		21.23	21.35	21.24	22.7

Band 66_Ant 1_Default							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up time (min)
Channel				13072	13032	13052	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.38	22.45	22.42	24.0
20	QPSK	50	0	22.15	22.21	22.11	23.0

Band 66_Ant 1_DSI 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Mid Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)
Channel				13072	13072	13072	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	15.89	15.96	15.87	17.2
20	QPSK	50	0	15.89	15.91	15.89	17.2

Band 66_Ant 1_DSI 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up time (s/min)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	15.62	15.76	15.59	16.7
20	QPSK	50	0	15.65	15.69	15.60	18.1

Band 66_Ant 1_DSI 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up and (dBm)
Channel				133672	133722	133752	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.38	22.45	22.42	24.0
20	QPSK	50	0	22.15	22.21	22.11	23.0

Band 66_Ant 1_DSI 6							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)
Channel				132672	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	6	19.34	19.40	19.36	20.7
20	QPSK	50	0	19.22	19.38	19.27	20.7

Band 66_Ant 1_DSI 7							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	13.67	13.77	13.69	14.7
20	QPSK	50	0	13.68	13.72	13.60	14.7

Band 66_Ant 0_Default							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up time (dBm)
Channel				130172	130322	130572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.59	22.68	22.62	24.0
20	QPSK	50	0	22.50	22.65	22.53	24.0

Band 66_Ant 0_DSI 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power High Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)
Channel				130/72	130/72	130/72	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.59	22.68	22.62	24.0
20	QPSK	50	0	22.50	22.65	22.53	24.0

Band 66_Ant 0_DSI 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit [dBm]
Channel				130792	130322	130572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.04	21.06	20.90	22.6
20	QPSK	50	0	20.98	21.04	20.98	22.6

Band 66_Ant 0_DSI 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Turn-up time (dBm)
Channel				13072	13232	132572	
Frequency (MHz)				1720	1745	1776	
20	QPSK	1	0	22.59	22.68	22.62	24.0
20	QPSK	50	0	22.50	22.85	22.53	24.0

Band 66_Ant 0_DSI 6							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Turn-up [dBm]
Channel				130272	130322	130572	
Frequency (MHz)				1720	1745	1770	
20	OFDM	1	0	22.50	22.85	22.62	34.0
20	OFDM	50	0	22.50	22.85	22.53	34.0

Band 66_Ant 0_DSI 7							
BW (MHz)	Modulation	RS Size	RS Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.04	21.06	20.90	22.6
20	QPSK	50	0	20.98	21.04	20.98	22.6

Band 38_Ant 2_Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.89	23.03	22.85	24		
20	QPSK	50	0	22.90	22.92	22.81	24		

Band 38_Ant 2_DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.89	23.03	22.85	24		
20	QPSK	50	0	22.90	22.92	22.81	24		

Band 38_Ant 2_DSI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.89	23.03	22.85	24		
20	QPSK	50	0	22.90	22.92	22.81	24		

Band 38_Ant 2_DSI 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.89	23.03	22.85	24		
20	QPSK	50	0	22.90	22.92	22.81	24		

Band 38_Ant 2_DSI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.89	23.03	22.85	24		
20	QPSK	50	0	22.90	22.92	22.81	24		

Band 38_Ant 2_DSI 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	21.29	21.03	21.07	22		
20	QPSK	50	0	21.03	21.05	21.01	22		

Band 38_Ant 1_Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.08	23.13	22.95	24		
20	QPSK	50	0	23.73	23.81	23.56	23		

Band 38_Ant 1_DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	19.30	19.44	19.44	19.3		
20	QPSK	50	0	19.26	19.41	19.36	19.2		

Band 38_Ant 1_DSI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	20.34	20.46	20.36	21.0		
20	QPSK	50	0	20.22	20.33	20.30	21.0		

Band 38_Ant 1_DSI 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	21.08	21.13	21.05	24		
20	QPSK	50	0	21.73	22.81	22.85	23		

Band 38_Ant 1_DSI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.35	22.40	22.24	25.3		
20	QPSK	50	0	22.28	22.46	22.38	23		

Band 38_Ant 1_DSI 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	18.71	18.70	18.69	17.0		
20	QPSK	50	0	18.63	18.66	18.60	17.0		

Band 38_Ant 0_Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.00	23.09	22.94	24		
20	QPSK	50	0	23.64	23.68	22.95	23		

Band 38_Ant 0_DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.00	23.09	22.94	24		
20	QPSK	50	0	23.64	23.68	22.95	23		

Band 38_Ant 0_DSI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.48	22.57	22.40	23.0		
20	QPSK	50	0	22.21	22.52	22.50	23		

Band 38_Ant 0_DSI 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.00	23.09	22.94	24		
20	QPSK	50	0	22.64	22.68	22.95	23		

Band 38_Ant 0_DSI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.30	22.50	22.94	24		
20	QPSK	50	0	22.64	22.68	22.65	23		

Band 38_Ant 0_DSI 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	19.20	19.29	19.29	19.0		
20	QPSK	50	0	19.94	20.01	19.89	21.0		

Band 41_Ant 2_Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	
Channel				39550	40165	40820	41550	41460	
Frequency (MHz)				2506	2548.5	2593	2636.5	2680	
20	QPSK	1	0	23.48	23.58	23.68	23.80	23.37	24
20	QPSK	50	0	22.55	22.86	23.74	23.96	22.52	23

Band 41_Ant 2_DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	40620	2636.5	2680	
20	QPSK	1	0	23.46	23.58	23.66	23.60	23.37	24
20	QPSK	50	0	22.55	22.86	22.74	22.66	22.52	23

Band 41_Ant 1_Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up [dB]	
Channel				36750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.32	23.34	23.49	23.28	23.17	24	
20	QPSK	50	0	22.60	22.54	22.51	22.50	22.50	25	

Band 41_Ant 1_DSI 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up [dB]	
Channel				36750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.48	18.30	18.53	18.38	18.38	19.3	
20	QPSK	50	0	18.47	18.36	18.50	18.35	18.20	19.3	

Band 41_Ant 1_DSI 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up [dB]	
Channel				36750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.31	20.39	20.44	20.41	20.38	21.3	
20	QPSK	50	0	20.38	20.29	20.48	20.35	20.26	21.3	

Band 41_Ant 1_DSI 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up [dB]	
Channel				36750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.32	23.34	23.49	23.28	23.17	24	
20	QPSK	50	0	22.50	22.54	22.51	22.50	22.50	25	

Band 41_Ant 1_DSI 6										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up [dB]	
Channel				36750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.36	22.43	22.52	22.44	22.30	23.3	
20	QPSK	50	0	22.31	22.37	22.43	22.27	22.20	23	

Band 41_Ant 1_DSI 7										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up [dB]	
Channel				36750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.64	18.63	18.63	18.60	18.59	17.3	
20	QPSK	50	0	18.64	18.58	18.60	18.50	18.57	17.3	

Band 41_Ant 0_Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up [dB]	
Channel				36750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.80	23.02	23.13	23.09	23.12	24	
20	QPSK	50	0	21.06	22.14	22.24	22.18	22.19	23	

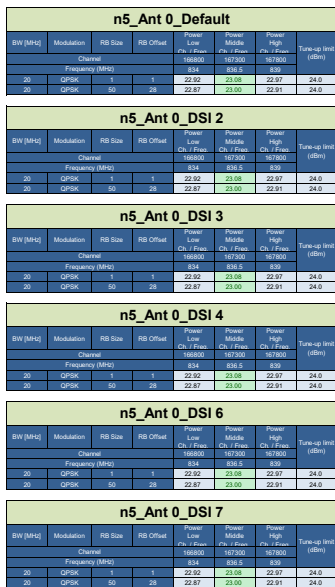
Band 41_Ant 0_DSI 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up [dB]	
Channel				36750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.80	23.02	23.13	23.09	23.12	24	
20	QPSK	50	0	21.06	22.14	22.24	22.18	22.19	23	

Band 41_Ant 0_DSI 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up [dB]	
Channel				36750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.48	22.42	22.53	22.48	22.44	23.5	
20	QPSK	50	0	21.84	22.11	22.31	22.28	22.14	23	

Band 41_Ant 0_DSI 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up [dB]	
Channel				36750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.80	23.02	23.13	23.09	23.12	24	
20	QPSK	50	0	21.06	22.14	22.24	22.18	22.19	23	

Band 41_Ant 0_DSI 6										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up [dB]	
Channel				36750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.40	23.02	23.13	23.00	23.12	24	
20	QPSK	50	0	21.06	22.14	22.24	22.18	22.19	23	

Band 41_Ant 0_DSI 7										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up [dB]	
Channel				36750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.50	22.10	22.13	22.13	22.14	21.6	
20	QPSK	50	0	20.04	20.19	20.26	20.02	20.13	21.6	



n5_Ant_1_Default									
SW [MHz]	Modulation	RF Size	RS Offset	Power Low [dBm]	Power [dBm]	Power Medium [dBm]	Power High [dBm]	Power Max [dBm]	Output limit [dBm]
Channel									
Frequency [MHz]									
20	QPSK	54	1	22.5	22.5	22.5	22.45	24.0	24.0
20	QPSK	54	0	22.5	22.48	22.45	22.45	24.0	24.0

n5_Ant_1_DS1 2									
SW [MHz]	Modulation	RF Size	RS Offset	Power Low [dBm]	Power [dBm]	Power Medium [dBm]	Power High [dBm]	Power Max [dBm]	Output limit [dBm]
Channel									
Frequency [MHz]									
20	QPSK	54	1	22.5	22.5	22.5	21.98	23.5	23.5
20	QPSK	54	0	22.5	22.44	22.41	21.91	23.5	23.5

n5_Ant_1_DS1 3									
SW [MHz]	Modulation	RF Size	RS Offset	Power Low [dBm]	Power [dBm]	Power Medium [dBm]	Power High [dBm]	Power Max [dBm]	Output limit [dBm]
Channel									
Frequency [MHz]									
20	QPSK	54	1	22.5	22.5	22.5	22.45	24.0	24.0
20	QPSK	54	0	22.5	22.48	22.45	22.45	24.0	24.0

n5_Ant_1_DS1 4									
SW [MHz]	Modulation	RF Size	RS Offset	Power Low [dBm]	Power [dBm]	Power Medium [dBm]	Power High [dBm]	Power Max [dBm]	Output limit [dBm]
Channel									
Frequency [MHz]									
20	QPSK	54	1	22.5	22.5	22.5	22.45	24.0	24.0
20	QPSK	54	0	22.5	22.48	22.45	22.45	24.0	24.0

n5_Ant_1_DS1 6									
SW [MHz]	Modulation	RF Size	RS Offset	Power Low [dBm]	Power [dBm]	Power Medium [dBm]	Power High [dBm]	Power Max [dBm]	Output limit [dBm]
Channel									
Frequency [MHz]									
20	QPSK	54	1	22.5	22.5	22.5	22.45	24.0	24.0
20	QPSK	54	0	22.5	22.48	22.45	22.45	24.0	24.0

n5_Ant_1_DS1 7									
SW [MHz]	Modulation	RF Size	RS Offset	Power Low [dBm]	Power [dBm]	Power Medium [dBm]	Power High [dBm]	Power Max [dBm]	Output limit [dBm]
Channel									
Frequency [MHz]									
20	QPSK	54	1	21.52	21.55	21.51	21.31	23.0	23.0
20	QPSK	54	0	21.52	21.47	21.45	21.31	23.0	23.0

n7_Ant 2_Default									
SW [MHz]	Modulation	RF Sds	RF Offset	Power Level [dBm]	Power Mode [dBm]	Power High [dBm]	Power Low [dBm]	Power High [dBm]	Power Low [dBm]
Channel									
Frequency [MHz]									
45	QPSK	158	4	23.55	23.17	23.97	24.0	24.0	24.0
45	QPSK	158	4	23.55	23.04	23.81	24.0	24.0	24.0

n7_Ant 2_DSI 2									
SW [MHz]	Modulation	RF Sds	RF Offset	Power Level [dBm]	Power Mode [dBm]	Power High [dBm]	Power Low [dBm]	Power High [dBm]	Power Low [dBm]
Channel									
Frequency [MHz]									
45	QPSK	158	4	23.55	23.17	23.97	24.0	24.0	24.0
45	QPSK	158	4	23.55	23.04	23.81	24.0	24.0	24.0

n7_Ant 2_DSI 3									
SW [MHz]	Modulation	RF Sds	RF Offset	Power Level [dBm]	Power Mode [dBm]	Power High [dBm]	Power Low [dBm]	Power High [dBm]	Power Low [dBm]
Channel									
Frequency [MHz]									
45	QPSK	158	4	23.55	23.11	23.93	23.0	23.0	23.0
45	QPSK	158	4	23.54	22.98	23.79	23.00	23.00	23.0

n7_Ant 2_DSI 4									
SW [MHz]	Modulation	RF Sds	RF Offset	Power Level [dBm]	Power Mode [dBm]	Power High [dBm]	Power Low [dBm]	Power High [dBm]	Power Low [dBm]
Channel									
Frequency [MHz]									
45	QPSK	158	4	23.55	23.11	23.93	23.0	23.0	23.0
45	QPSK	158	4	23.55	23.04	23.81	24.0	24.0	24.0

n7_Ant 2_DSI 6									
SW [MHz]	Modulation	RF Sds	RF Offset	Power Level [dBm]	Power Mode [dBm]	Power High [dBm]	Power Low [dBm]	Power High [dBm]	Power Low [dBm]
Channel									
Frequency [MHz]									
45	QPSK	158	4	23.55	23.11	23.93	23.0	23.0	23.0
45	QPSK	158	4	23.37	22.48	22.42	22.4	22.4	22.5

n7_Ant 2_DSI 7									
SW [MHz]	Modulation	RF Sds	RF Offset	Power Level [dBm]	Power Mode [dBm]	Power High [dBm]	Power Low [dBm]	Power High [dBm]	Power Low [dBm]
Channel									
Frequency [MHz]									
45	QPSK	158	4	19.88	20.90	19.85	21.0	21.0	21.0
45	QPSK	158	4	19.85	20.52	19.80	21.0	21.0	21.0

n7_Ant 1_Default							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Middle Ch. 1 Power	Power High Ch. 1 Power	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	23.14	23.27	23.11	24.0
40	QPSK	100	54	23.14	23.16	23.16	24.0

n7_Ant 1_DSI 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Middle Ch. 1 Power	Power High Ch. 1 Power	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	17.86	17.72	17.58	18.5
40	QPSK	100	54	17.84	17.88	17.87	18.5

n7_Ant 1_DSI 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Middle Ch. 1 Power	Power High Ch. 1 Power	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	17.86	17.72	17.58	18.5
40	QPSK	100	54	17.84	17.88	17.87	18.5

n7_Ant 1_DSI 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Middle Ch. 1 Power	Power High Ch. 1 Power	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	23.14	23.27	23.11	24.0
40	QPSK	100	54	23.14	23.16	23.16	24.0

n7_Ant 1_DSI 6							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Middle Ch. 1 Power	Power High Ch. 1 Power	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	21.73	21.71	21.76	22.5
40	QPSK	100	54	21.73	21.76	21.73	22.5

n7_Ant 1_DSI 7							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Middle Ch. 1 Power	Power High Ch. 1 Power	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	18.30	18.28	18.13	17.0
40	QPSK	100	54	15.86	16.27	16.00	17.0

n7_Ant 0_Default							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Middle Ch. 1 Power	Power High Ch. 1 Power	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	22.48	22.52	22.40	24.0
40	QPSK	100	54	22.39	22.43	22.36	24.0

n7_Ant 0_DSI 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Middle Ch. 1 Power	Power High Ch. 1 Power	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	22.48	22.52	22.40	24.0
40	QPSK	100	54	22.39	22.43	22.36	24.0

n7_Ant 0_DSI 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Middle Ch. 1 Power	Power High Ch. 1 Power	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	18.92	18.70	18.95	20.5
40	QPSK	100	54	18.91	18.97	18.90	20.5

n7_Ant 0_DSI 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Middle Ch. 1 Power	Power High Ch. 1 Power	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	22.48	22.52	22.40	24.0
40	QPSK	100	54	22.39	22.43	22.36	24.0

n7_Ant 0_DSI 6							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Middle Ch. 1 Power	Power High Ch. 1 Power	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	19.43	19.29	19.41	21.0
40	QPSK	100	54	19.33	19.49	19.31	21.0

n7_Ant 0_DSI 7							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Middle Ch. 1 Power	Power High Ch. 1 Power	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	17.47	17.61	17.44	18.0
40	QPSK	100	54	17.46	17.56	17.31	18.0

n41_Ant 1_DSI 7							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch 7 Freq	Power Middle Ch 7 Freq	Power High Ch 7 Freq	Turn-up limit (dBm)
Channel				500202	518508	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	1	1	15.23	15.26	15.02	16.0
100	QPSK	135	69	15.17	15.22	14.99	16.0

Full&Default Power Mode Other PA

Band 7_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.77	22.84	22.81	24		0
20	QPSK	1	49	22.72	22.76	22.76			
20	QPSK	1	99	22.76	22.74	22.72			
20	QPSK	50	0	21.72	21.79	21.62	23		1
20	QPSK	50	24	21.57	21.65	21.50			
20	QPSK	50	50	21.63	21.65	21.42			
20	QPSK	100	0	21.62	21.74	21.71	23		1
20	16QAM	1	0	21.63	21.70	21.58			
20	16QAM	1	49	21.62	21.62	21.39			
20	16QAM	1	99	21.60	21.59	21.40	22		2
20	16QAM	50	0	20.39	20.25	20.38			
20	16QAM	50	24	20.28	20.40	20.29			
20	16QAM	50	50	20.27	20.33	20.33	22		2
20	16QAM	100	0	20.24	20.31	20.23			
20	64QAM	1	0	20.40	20.42	20.41			
20	64QAM	1	49	20.29	20.25	20.39	22		2
20	64QAM	1	99	20.21	20.22	20.30			
20	64QAM	50	0	19.45	19.37	19.43			
20	64QAM	50	24	19.40	19.48	19.44	21		3
20	64QAM	50	50	19.30	19.40	19.38			
20	64QAM	100	0	19.31	19.34	19.49			
20	256QAM	1	0	17.50	17.52	17.39	19		5
20	256QAM	1	49	17.43	17.35	17.26			
20	256QAM	1	99	17.30	17.46	17.31			
20	256QAM	50	0	17.49	17.32	17.23	19		5
20	256QAM	50	24	17.48	17.43	17.31			
20	256QAM	50	50	17.47	17.39	17.30			
20	256QAM	100	0	17.35	17.45	17.24			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.71	22.81	22.67	24		0
15	QPSK	1	37	22.58	22.71	22.74			
15	QPSK	1	74	22.70	22.72	22.52			
15	QPSK	36	0	21.66	21.64	21.47	23		1
15	QPSK	36	20	21.49	21.55	21.33			
15	QPSK	36	39	21.56	21.53	21.31			
15	QPSK	75	0	21.51	21.70	21.51	23		1
15	16QAM	1	0	21.46	21.64	21.50			
15	16QAM	1	37	21.58	21.52	21.33			
15	16QAM	1	74	21.51	21.49	21.23	22		2
15	16QAM	36	0	20.26	20.07	20.36			
15	16QAM	36	20	20.23	20.26	20.21			
15	16QAM	36	39	20.09	20.21	20.31	22		2
15	16QAM	75	0	20.12	20.12	20.10			
15	64QAM	1	0	20.39	20.26	20.32			
15	64QAM	1	37	20.15	20.22	20.35	22		2
15	64QAM	1	74	20.08	20.12	20.12			
15	64QAM	36	0	19.37	19.30	19.31			
15	64QAM	36	20	19.31	19.46	19.30	21		3
15	64QAM	36	39	19.15	19.36	19.37			
15	64QAM	75	0	19.21	19.19	19.48			
15	256QAM	1	0	17.39	17.46	17.31	19		5
15	256QAM	1	37	17.27	17.29	17.22			
15	256QAM	1	74	17.28	17.29	17.22			
15	256QAM	36	0	17.37	17.27	17.08	19		5
15	256QAM	36	20	17.44	17.41	17.20			
15	256QAM	36	39	17.42	17.37	17.27			
15	256QAM	75	0	17.17	17.39	17.22			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.63	22.74	22.62	24		0
10	QPSK	1	25	22.59	22.59	22.58			
10	QPSK	1	49	22.74	22.66	22.71			
10	QPSK	25	0	21.55	21.74	21.50	23		1
10	QPSK	25	12	21.42	21.56	21.37			
10	QPSK	25	25	21.60	21.52	21.29			
10	QPSK	50	0	21.43	21.66	21.57	23		1
10	16QAM	1	0	21.53	21.59	21.52			
10	16QAM	1	25	21.60	21.43	21.37			
10	16QAM	1	49	21.50	21.44	21.32	22		2
10	16QAM	25	0	20.35	20.15	20.27			
10	16QAM	25	12	20.14	20.27	20.09			
10	16QAM	25	25	20.23	20.24	20.16	22		2
10	16QAM	50	0	20.10	20.16	20.19			
10	64QAM	1	0	20.23	20.31	20.24			
10	64QAM	1	25	20.09	20.10	20.37	22		2
10	64QAM	1	49	20.11	20.02	20.16			
10	64QAM	25	0	19.29	19.32	19.28			
10	64QAM	25	12	19.39	19.39	19.34	21		3
10	64QAM	25	25	19.18	19.32	19.20			
10	64QAM	50	0	19.20	19.31	19.41			
10	256QAM	1	0	17.47	17.43	17.32	19		5
10	256QAM	1	25	17.30	17.30	17.23			
10	256QAM	1	49	17.16	17.45	17.28			
10	256QAM	25	0	17.30	17.19	17.19	19		5
10	256QAM	25	12	17.47	17.42	17.22			
10	256QAM	25	25	17.41	17.34	17.16			
10	256QAM	50	0	17.28	17.43	17.22			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	22.67	22.67	22.64	24		0
5	QPSK	1	12	22.58	22.59	22.72			
5	QPSK	1	24	22.62	22.67	22.68			
5	QPSK	12	0	21.61	21.65	21.61	23		1
5	QPSK	12	7	21.40	21.55	21.30			
5	QPSK	12	13	21.59	21.52	21.31			
5	QPSK	25	0	21.60	21.73	21.63	23		1
5	16QAM	1	0	21.54	21.64	21.42			
5	16QAM	1	12	21.47	21.51	21.38			
5	16QAM	1	24	21.49	21.45	21.25	22		2
5	16QAM	12	0	20.28	20.07	20.20			
5	16QAM	12	7	20.16	20.33	20.18			
5	16QAM	12	13	20.14	20.24	20.28	22		2
5	16QAM	25	0	20.15	20.23	20.05			
5	64QAM	1	0	20.35	20.23	20.23			
5	64QAM	1	12	20.27	20.10	20.38	22		2
5	64QAM	1	24	20.19	20.19	20.13			
5	64QAM	12	0	19.38	19.23	19.29			
5	64QAM	12	7	19.29	19.46	19.30	21		3
5	64QAM	12	13	19.19	19.26	19.30			
5	64QAM	25	0	19.13	19.14	19.42			
5	256QAM	1	0	17.36	17.42	17.38	19		5
5	256QAM	1	12	17.30	17.16	17.18			
5	256QAM	1	24	17.11	17.27	17.25			
5	256QAM	12	0	17.48	17.30	17.11	19		5
5	256QAM	12	7	17.40	17.27	17.17			
5	256QAM	12	13	17.44	17.29	17.24			
5	256QAM	25	0	17.22	17.26	17.16			

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.33	23.45	23.38	24	0	
20	QPSK	1	49	23.29	23.31	23.31			
20	QPSK	1	99	23.21	23.39	23.26			
20	QPSK	50	0	22.89	23.09	22.81	23.5	0.5	
20	QPSK	50	24	22.86	22.89	22.81			
20	QPSK	50	50	22.84	22.86	22.84			
20	QPSK	100	0	22.84	22.86	22.86	23.5	0.5	
20	16QAM	1	0	22.97	23.12	23.10			
20	16QAM	1	49	22.83	23.09	23.09			
20	16QAM	1	99	22.84	22.95	22.93	22.5	1.	
20	16QAM	50	0	21.90	22.16	22.04			
20	16QAM	50	24	21.99	22.13	22.17			
20	16QAM	50	50	21.95	22.21	22.02	22.5	1.	
20	16QAM	100	0	21.87	22.09	22.05			
20	16QAM	1	0	21.70	21.82	21.74			
20	64QAM	1	49	21.67	21.63	21.71	22.5	1.	
20	64QAM	1	99	21.64	21.80	21.55			
20	64QAM	50	0	20.71	20.84	20.70			
20	64QAM	50	24	20.77	20.82	20.77	21.5	2.5	
20	64QAM	50	50	20.63	20.80	20.66			
20	64QAM	100	0	20.71	20.79	20.80			
20	256QAM	1	0	18.77	18.91	18.79	19.5	4.5	
20	256QAM	1	49	18.68	18.78	18.74			
20	256QAM	1	99	18.57	18.87	18.73			
20	256QAM	50	0	18.57	18.90	18.72	19.5	4.5	
20	256QAM	50	24	18.63	18.83	18.64			
20	256QAM	50	50	18.69	18.74	18.65			
20	256QAM	100	0	18.67	18.88	18.65			
Channel				20925	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.31	23.34	23.32	24	0	
15	QPSK	1	37	23.11	23.30	23.16			
15	QPSK	1	74	23.06	23.38	23.06			
15	QPSK	36	0	22.74	22.92	22.85	23.5	0.5	
15	QPSK	36	20	22.77	22.83	22.70			
15	QPSK	36	39	22.71	22.93	22.80			
15	QPSK	75	0	22.68	22.71	22.69	23.5	0.5	
15	16QAM	1	0	22.93	22.99	23.00			
15	16QAM	1	37	22.64	23.04	22.95			
15	16QAM	1	74	22.77	22.80	22.84	22.5	1.5	
15	16QAM	36	0	21.88	21.97	21.97			
15	16QAM	36	20	21.87	21.95	22.03			
15	16QAM	36	39	21.94	22.07	21.94	21.5	2.5	
15	16QAM	75	0	21.72	21.89	21.95			
15	64QAM	1	0	21.68	21.66	21.64			
15	64QAM	1	37	21.56	21.47	21.69	22.5	1.5	
15	64QAM	1	74	21.44	21.96	21.49			
15	64QAM	36	0	20.56	20.72	20.66			
15	64QAM	36	20	20.62	20.70	20.63	21.5	2.5	
15	64QAM	36	39	20.49	20.70	20.64			
15	64QAM	75	0	20.57	20.67	20.64			
15	256QAM	1	0	18.73	18.76	18.73	19.5	4.5	
15	256QAM	1	37	18.54	18.67	18.68			
15	256QAM	1	74	18.53	18.58	18.53			
15	256QAM	36	0	18.49	18.87	18.57	19.5	4.5	
15	256QAM	36	20	18.59	18.70	18.57			
15	256QAM	36	39	18.58	18.56	18.52			
15	256QAM	75	0	18.64	18.87	18.56			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.23	23.27	23.26	24	0	
10	QPSK	1	25	23.12	23.23	23.16			
10	QPSK	1	49	23.02	23.28	23.12			
10	QPSK	25	0	22.78	22.90	22.78	23.5	0.5	
10	QPSK	25	12	22.76	22.85	22.71			
10	QPSK	25	25	22.73	23.02	22.67			
10	QPSK	50	0	22.76	22.80	22.65	23.5	0.5	
10	16QAM	1	0	22.92	22.97	23.07			
10	16QAM	1	25	22.68	22.89	23.03			
10	16QAM	1	49	22.74	22.80	22.85	22.5	1.5	
10	16QAM	25	0	21.83	22.02	22.03			
10	16QAM	25	12	21.93	22.20	22.11			
10	16QAM	25	25	21.79	22.20	21.89	22.5	1.5	
10	16QAM	50	0	21.77	21.91	21.85			
10	64QAM	1	0	21.61	21.70	21.59			
10	64QAM	1	25	21.63	21.45	21.53	22.5	1.5	
10	64QAM	1	49	21.63	21.79	21.45			
10	64QAM	25	0	20.57	20.71	20.67			
10	64QAM	25	12	20.64	20.74	20.66	21.5	2.5	
10	64QAM	25	25	20.61	20.78	20.48			
10	64QAM	50	0	20.64	20.77	20.67			
10	256QAM	1	0	18.57	18.80	18.76	19.5	4.5	
10	256QAM	1	25	18.57	18.66	18.56			
10	256QAM	1	49	18.39	18.58	18.61			
10	256QAM	25	0	18.55	18.83	18.66	19.5	4.5	
10	256QAM	25	12	18.54	18.77	18.49			
10	256QAM	25	25	18.56	18.62	18.51			
10	256QAM	50	0	18.65	18.68	18.56			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.28	23.37	23.28	24	0	
5	QPSK	1	12	23.12	23.28	23.12			
5	QPSK	1	24	23.13	23.37	23.13			
5	QPSK	12	0	22.70	22.89	22.85	23.5	0.5	
5	QPSK	12	7	22.77	22.80	22.64			
5	QPSK	12	13	22.93	22.86	22.73			
5	QPSK	25	0	22.76	22.82	22.68	23.5	0.5	
5	16QAM	1	0	22.96	22.96	23.01			
5	16QAM	1	12	22.69	23.00	22.90			
5	16QAM	1	24	22.64	22.79	22.92	22.5	1.5	
5	16QAM	12	0	21.70	22.08	21.96			
5	16QAM	12	7	21.85	22.07	22.10			
5	16QAM	12	13	21.88	22.20	21.86	22.5	1.5	
5	16QAM	25	0	21.74	21.94	22.00			
5	64QAM	1	0	21.69	21.66	21.57			
5	64QAM	1	12	21.61	21.54	21.59	22.5	1.5	
5	64QAM	1	24	21.46	21.71	21.52			
5	64QAM	12	0	20.68	20.80	20.52			
5	64QAM	12	7	20.76	20.71	20.70	21.5	2.5	
5	64QAM	12	13	20.44	20.63	20.47			
5	64QAM	25	0	20.68	20.71	20.73			
5	256QAM	1	0	18.65	18.82	18.69	19.5	4.5	
5	256QAM	1	12	18.62	18.72	18.68			
5	256QAM	1	24	18.50	18.87	18.67			
5	256QAM	12	0	18.38	18.87	18.64	19.5	4.5	
5	256QAM	12	7	18.51	18.81	18.62			
5	256QAM	12	13	18.58	18.81	18.56			
5	256QAM	25	0	18.56	18.84	18.49			

Reduced Power Mode for Other PA DSI2

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.77	22.84	22.81	24	0	
20	QPSK	1	49	22.72	22.76	22.76			
20	QPSK	1	99	22.76	22.74	22.72			
20	QPSK	50	0	21.72	21.79	21.62	23	1	
20	QPSK	50	24	21.57	21.65	21.50			
20	QPSK	50	50	21.63	21.65	21.42			
20	QPSK	100	0	21.62	21.74	21.71	23	1	
20	16QAM	1	0	21.63	21.70	21.58			
20	16QAM	1	49	21.62	21.62	21.39			
20	16QAM	1	99	21.60	21.59	21.40	22	2	
20	16QAM	50	0	20.39	20.25	20.38			
20	16QAM	50	24	20.28	20.40	20.29			
20	16QAM	50	50	20.27	20.33	20.33	22	2	
20	16QAM	100	0	20.24	20.31	20.23			
20	64QAM	1	0	20.40	20.42	20.41			
20	64QAM	1	49	20.29	20.25	20.39	22	2	
20	64QAM	1	99	20.21	20.22	20.30			
20	64QAM	50	0	19.45	19.37	19.43			
20	64QAM	50	24	19.40	19.48	19.44	21	3	
20	64QAM	50	50	19.30	19.40	19.38			
20	64QAM	100	0	19.31	19.34	19.49			
20	256QAM	1	0	17.50	17.52	17.39	19	5	
20	256QAM	1	49	17.43	17.35	17.26			
20	256QAM	1	99	17.30	17.46	17.31			
20	256QAM	50	0	17.49	17.32	17.23	19	5	
20	256QAM	50	24	17.48	17.43	17.31			
20	256QAM	50	50	17.47	17.39	17.30			
20	256QAM	100	0	17.35	17.45	17.24	Tune-up limit (dBm)	MPR (dB)	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.71	22.81	22.67			
15	QPSK	1	37	22.58	22.71	22.74	24	0	
15	QPSK	1	74	22.70	22.72	22.52			
15	QPSK	36	0	21.66	21.64	21.47			
15	QPSK	36	20	21.49	21.55	21.33	23	1	
15	QPSK	36	39	21.56	21.53	21.31			
15	QPSK	75	0	21.51	21.70	21.51			
15	16QAM	1	0	21.46	21.64	21.50	23	1	
15	16QAM	1	37	21.58	21.52	21.33			
15	16QAM	1	74	21.51	21.49	21.23			
15	16QAM	36	0	20.26	20.07	20.36	22	2	
15	16QAM	36	20	20.23	20.26	20.21			
15	16QAM	36	39	20.09	20.21	20.31			
15	16QAM	75	0	20.12	20.12	20.10	22	2	
15	64QAM	1	0	20.39	20.26	20.32			
15	64QAM	1	37	20.15	20.22	20.35			
15	64QAM	1	74	20.08	20.12	20.12	21	3	
15	64QAM	36	0	19.37	19.30	19.31			
15	64QAM	36	20	19.31	19.46	19.39			
15	64QAM	36	39	19.15	19.36	19.37	19	5	
15	64QAM	75	0	19.21	19.19	19.48			
15	256QAM	1	0	17.39	17.46	17.31			
15	256QAM	1	37	17.27	17.29	17.22	19	5	
15	256QAM	1	74	17.28	17.29	17.22			
15	256QAM	36	0	17.37	17.27	17.08			
15	256QAM	36	20	17.44	17.41	17.20	19	5	
15	256QAM	36	39	17.42	17.37	17.27			
15	256QAM	75	0	17.17	17.39	17.22			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.63	22.74	22.62	24	0	
10	QPSK	1	25	22.59	22.59	22.58			
10	QPSK	1	49	22.74	22.66	22.71			
10	QPSK	25	0	21.55	21.74	21.50	23	1	
10	QPSK	25	12	21.42	21.56	21.37			
10	QPSK	25	25	21.60	21.52	21.29			
10	QPSK	50	0	21.43	21.66	21.57	23	1	
10	16QAM	1	0	21.53	21.59	21.42			
10	16QAM	1	25	21.60	21.43	21.37			
10	16QAM	1	49	21.50	21.44	21.32	22	2	
10	16QAM	25	0	20.35	20.15	20.27			
10	16QAM	25	12	20.14	20.27	20.09			
10	16QAM	25	25	20.23	20.24	20.16	22	2	
10	16QAM	50	0	20.10	20.16	20.19			
10	64QAM	1	0	20.23	20.31	20.24			
10	64QAM	1	25	20.09	20.10	20.37	22	2	
10	64QAM	1	49	20.11	20.02	20.16			
10	64QAM	25	0	19.29	19.32	19.28			
10	64QAM	25	12	19.39	19.39	19.34	21	3	
10	64QAM	25	25	19.18	19.32	19.20			
10	64QAM	50	0	19.20	19.31	19.41			
10	256QAM	1	0	17.47	17.43	17.32	19	5	
10	256QAM	1	25	17.30	17.30	17.23			
10	256QAM	1	49	17.16	17.45	17.28			
10	256QAM	25	0	17.30	17.19	17.19	19	5	
10	256QAM	25	12	17.47	17.42	17.22			
10	256QAM	25	25	17.41	17.34	17.16			
10	256QAM	50	0	17.28	17.43	17.22	Tune-up limit (dBm)	MPR (dB)	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.67	22.67	22.64			
5	QPSK	1	12	22.58	22.59	22.72	24	0	
5	QPSK	1	24	22.62	22.67	22.68			
5	QPSK	12	0	21.61	21.65	21.61			
5	QPSK	12	7	21.40	21.55	21.30	23	1	
5	QPSK	12	13	21.59	21.52	21.31			
5	QPSK	25	0	21.60	21.73	21.63			
5	16QAM	1	0	21.54	21.64	21.42	23	1	
5	16QAM	1	12	21.47	21.51	21.38			
5	16QAM	1	24	21.49	21.45	21.25			
5	16QAM	12	0	20.28	20.07	20.20	22	2	
5	16QAM	12	7	20.16	20.33	20.18			
5	16QAM	12	13	20.14	20.24	20.28			
5	16QAM	25	0	20.15	20.23	20.05	22	2	
5	64QAM	1	0	20.35	20.23	20.23			
5	64QAM	1	12	20.27	20.10	20.38			
5	64QAM	1	24	20.19	20.19	20.13	21	3	
5	64QAM	12	0	19.38	19.23	19.29			
5	64QAM	12	7	19.29	19.46	19.39			
5	64QAM	12	13	19.19	19.26	19.30	19	5	
5	64QAM	25	0	19.13	19.14	19.42			
5	256QAM	1	0	17.36	17.42	17.38			
5	256QAM	1	12	17.30	17.16	17.18	19	5	
5	256QAM	1	24	17.11	17.27	17.25			
5	256QAM	12	0	17.48	17.30	17.11			
5	256QAM	12	7	17.40	17.27	17.17	19	5	
5	256QAM	12	13	17.44	17.29	17.24			
5	256QAM	25	0	17.22	17.26	17.16			

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	16.86	17.06	16.90	17.7	0	
20	QPSK	1	49	16.73	16.93	16.84			
20	QPSK	1	99	16.75	16.92	16.73			
20	QPSK	50	0	16.81	17.05	16.89	17.7	0	
20	QPSK	50	24	16.73	16.99	16.82			
20	QPSK	50	50	16.76	17.03	16.87			
20	QPSK	100	0	16.67	17.02	16.76	17.7	0	
20	16QAM	1	0	16.73	16.89	16.81			
20	16QAM	1	49	16.69	16.97	16.77			
20	16QAM	1	99	16.72	16.88	16.79	17.7	0	
20	16QAM	50	0	16.85	16.96	16.85			
20	16QAM	50	24	16.79	16.88	16.84			
20	16QAM	50	50	16.67	16.94	16.88	17.7	0	
20	16QAM	100	0	16.81	16.96	16.70			
20	64QAM	1	0	16.78	17.00	16.78			
20	64QAM	1	49	16.67	16.86	16.73	17.7	0	
20	64QAM	1	99	16.84	16.91	16.84			
20	64QAM	50	0	16.81	16.97	16.72			
20	64QAM	50	24	16.81	16.87	16.87	17.7	0	
20	64QAM	50	50	16.83	17.00	16.77			
20	64QAM	100	0	16.69	17.02	16.89			
20	256QAM	1	0	16.78	16.91	16.87	17.7	0	
20	256QAM	1	49	16.81	17.02	16.84			
20	256QAM	1	99	16.85	16.89	16.79			
20	256QAM	50	0	16.72	16.91	16.82	17.7	0	
20	256QAM	50	24	16.79	17.02	16.86			
20	256QAM	50	50	16.69	16.98	16.74			
20	256QAM	100	0	16.67	16.88	16.83			
Channel				20925	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	16.65	17.01	16.86	17.7	0	
15	QPSK	1	37	16.63	16.92	16.77			
15	QPSK	1	74	16.58	16.73	16.64			
15	QPSK	36	0	16.70	16.91	16.78	17.7	0	
15	QPSK	36	20	16.53	16.79	16.70			
15	QPSK	36	39	16.70	17.00	16.73			
15	QPSK	75	0	16.60	16.96	16.74	17.7	0	
15	16QAM	1	0	16.61	16.81	16.64			
15	16QAM	1	37	16.49	16.79	16.63			
15	16QAM	1	74	16.57	16.67	16.78	17.7	0	
15	16QAM	36	0	16.74	16.93	16.77			
15	16QAM	36	20	16.71	16.77	16.66			
15	16QAM	36	39	16.47	16.86	16.80	17.7	0	
15	16QAM	75	0	16.67	16.77	16.66			
15	64QAM	1	0	16.59	16.96	16.62			
15	64QAM	1	37	16.65	16.79	16.61	17.7	0	
15	64QAM	1	74	16.79	16.83	16.76			
15	64QAM	36	0	16.78	16.79	16.65			
15	64QAM	36	20	16.64	16.80	16.63	17.7	0	
15	64QAM	36	39	16.64	16.81	16.58			
15	64QAM	75	0	16.55	16.89	16.75			
15	256QAM	1	0	16.65	16.84	16.83	17.7	0	
15	256QAM	1	37	16.61	16.82	16.75			
15	256QAM	1	74	16.71	16.81	16.70			
15	256QAM	36	0	16.68	16.86	16.74	17.7	0	
15	256QAM	36	20	16.74	16.82	16.66			
15	256QAM	36	39	16.54	16.96	16.58			
15	256QAM	75	0	16.48	16.70	16.70			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	16.75	17.03	16.85	17.7	0	
10	QPSK	1	25	16.57	16.91	16.74			
10	QPSK	1	49	16.66	16.75	16.58			
10	QPSK	25	0	16.63	16.97	16.87	17.7	0	
10	QPSK	25	12	16.53	16.80	16.76			
10	QPSK	25	25	16.70	16.94	16.71			
10	QPSK	50	0	16.52	16.93	16.71	17.7	0	
10	16QAM	1	0	16.56	16.72	16.77			
10	16QAM	1	25	16.64	16.77	16.65			
10	16QAM	1	49	16.68	16.79	16.61	17.7	0	
10	16QAM	25	0	16.70	16.93	16.85			
10	16QAM	25	12	16.66	16.74	16.63			
10	16QAM	25	25	16.51	16.84	16.81	17.7	0	
10	16QAM	50	0	16.79	16.80	16.61			
10	64QAM	1	0	16.63	16.87	16.70			
10	64QAM	1	25	16.55	16.70	16.68	17.7	0	
10	64QAM	1	49	16.72	16.73	16.66			
10	64QAM	25	0	16.73	16.92	16.61			
10	64QAM	25	12	16.65	16.69	16.69	17.7	0	
10	64QAM	25	25	16.75	16.81	16.62			
10	64QAM	50	0	16.58	16.92	16.85			
10	256QAM	1	0	16.58	16.74	16.70	17.7	0	
10	256QAM	1	25	16.63	16.86	16.64			
10	256QAM	1	49	16.65	16.75	16.71			
10	256QAM	25	0	16.62	16.75	16.79	17.7	0	
10	256QAM	25	12	16.69	16.93	16.82			
10	256QAM	25	25	16.68	16.85	16.70			
10	256QAM	50	0	16.65	16.74	16.68			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	16.80	16.92	16.87	17.7	0	
5	QPSK	1	12	16.61	16.91	16.65			
5	QPSK	1	24	16.64	16.90	16.60			
5	QPSK	12	0	16.64	16.97	16.79	17.7	0	
5	QPSK	12	7	16.62	16.81	16.79			
5	QPSK	12	13	16.75	16.94	16.80			
5	QPSK	25	0	16.54	16.90	16.67	17.7	0	
5	16QAM	1	0	16.64	16.71	16.71			
5	16QAM	1	12	16.49	16.85	16.57			
5	16QAM	1	24	16.62	16.71	16.59	17.7	0	
5	16QAM	12	0	16.75	16.86	16.74			
5	16QAM	12	7	16.73	16.75	16.83			
5	16QAM	12	13	16.50	16.79	16.69	17.7	0	
5	16QAM	25	0	16.77	16.87	16.50			
5	64QAM	1	0	16.71	16.95	16.74			
5	64QAM	1	12	16.48	16.72	16.55	17.7	0	
5	64QAM	1	24	16.66	16.88	16.79			
5	64QAM	12	0	16.65	16.77	16.67			
5	64QAM	12	7	16.79	16.85	16.75	17.7	0	
5	64QAM	12	13	16.75	16.84	16.59			
5	64QAM	25	0	16.62	16.86	16.81			
5	256QAM	1	0	16.76	16.98	16.88	17.7	0	
5	256QAM	1	12	16.70	17.00	16.79			
5	256QAM	1	24	16.83	16.71	16.66			
5	256QAM	12	0	16.65	16.86	16.62	17.7	0	
5	256QAM	12	7	16.76	17.01	16.83			
5	256QAM	12	13	16.67	16.80	16.65			
5	256QAM	25	0	16.57	16.83	16.72			

Reduced Power Mode for Other PA DSI3

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.29	21.41	21.32	22.4	0	
20	QPSK	1	49	21.17	21.30	21.12			
20	QPSK	1	99	21.25	21.40	21.31			
20	QPSK	50	0	21.16	21.37	21.23	22.4	0	
20	QPSK	50	24	21.11	21.36	21.13			
20	QPSK	50	50	21.10	21.21	21.12			
20	QPSK	100	0	21.13	21.32	21.24	22.4	0	
20	16QAM	1	0	21.17	21.31	21.20			
20	16QAM	1	49	21.16	21.35	21.29			
20	16QAM	1	99	21.09	21.24	21.12	21.9	0.5	
20	16QAM	50	0	20.39	20.25	20.38			
20	16QAM	50	24	20.28	20.40	20.29			
20	16QAM	50	50	20.27	20.33	20.33	21.9	0.5	
20	16QAM	100	0	20.24	20.31	20.23			
20	64QAM	1	0	20.40	20.42	20.41			
20	64QAM	1	49	20.29	20.25	20.36	21.9	0.5	
20	64QAM	1	99	20.21	20.22	20.30			
20	64QAM	50	0	19.45	19.37	19.43			
20	64QAM	50	24	19.40	19.48	19.44	20.9	1.5	
20	64QAM	50	50	19.30	19.40	19.38			
20	64QAM	100	0	19.31	19.34	19.49			
20	256QAM	1	0	17.50	17.52	17.39	18.9	3.5	
20	256QAM	1	49	17.43	17.35	17.26			
20	256QAM	1	99	17.30	17.46	17.31			
20	256QAM	50	0	17.49	17.32	17.23	18.9	3.5	
20	256QAM	50	24	17.48	17.43	17.31			
20	256QAM	50	50	17.47	17.39	17.30			
20	256QAM	100	0	17.35	17.45	17.24			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	21.26	21.36	21.29	22.4	0	
15	QPSK	1	37	21.09	21.23	20.93			
15	QPSK	1	74	21.13	21.34	21.29			
15	QPSK	36	0	21.12	21.19	21.07	22.4	0	
15	QPSK	36	20	20.95	21.29	21.09			
15	QPSK	36	39	21.03	21.14	21.07			
15	QPSK	75	0	21.01	21.24	21.05	22.4	0	
15	16QAM	1	0	21.13	21.15	21.06			
15	16QAM	1	37	21.09	21.30	21.28			
15	16QAM	1	74	21.02	21.08	21.09	21.9	0.5	
15	16QAM	36	0	20.26	20.07	20.36			
15	16QAM	36	20	20.23	20.26	20.21			
15	16QAM	36	39	20.09	20.21	20.31	21.9	0.5	
15	16QAM	75	0	20.12	20.12	20.10			
15	64QAM	1	0	20.39	20.26	20.32			
15	64QAM	1	37	20.15	20.22	20.35	20.9	1.5	
15	64QAM	1	74	20.08	20.12	20.12			
15	64QAM	36	0	19.37	19.30	19.31			
15	64QAM	36	20	19.31	19.46	19.39	18.9	3.5	
15	64QAM	36	39	19.15	19.36	19.37			
15	64QAM	75	0	19.21	19.19	19.48			
15	256QAM	1	0	17.39	17.46	17.31	18.9	3.5	
15	256QAM	1	37	17.27	17.29	17.22			
15	256QAM	1	74	17.28	17.29	17.22			
15	256QAM	36	0	17.37	17.27	17.08	18.9	3.5	
15	256QAM	36	20	17.44	17.41	17.20			
15	256QAM	36	39	17.42	17.37	17.27			
15	256QAM	75	0	17.17	17.39	17.22			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.22	21.22	21.17	22.4	0	
10	QPSK	1	25	20.98	21.16	20.95			
10	QPSK	1	49	21.17	21.20	21.26			
10	QPSK	25	0	21.07	21.22	21.07	22.4	0	
10	QPSK	25	12	20.96	21.29	21.02			
10	QPSK	25	25	20.99	21.09	20.94			
10	QPSK	50	0	20.95	21.28	21.10	22.4	0	
10	16QAM	1	0	21.15	21.23	21.14			
10	16QAM	1	25	21.13	21.20	21.20			
10	16QAM	1	49	20.94	21.22	20.98	21.9	0.5	
10	16QAM	25	0	20.35	20.15	20.27			
10	16QAM	25	12	20.14	20.27	20.09			
10	16QAM	25	25	20.23	20.24	20.16	21.9	0.5	
10	16QAM	50	0	20.10	20.16	20.19			
10	64QAM	1	0	20.23	20.31	20.24			
10	64QAM	1	25	20.09	20.10	20.37	20.9	1.5	
10	64QAM	1	49	20.11	20.02	20.16			
10	64QAM	25	0	19.29	19.32	19.28			
10	64QAM	25	12	19.39	19.39	19.34	18.9	3.5	
10	64QAM	25	25	19.18	19.32	19.20			
10	64QAM	50	0	19.20	19.31	19.41			
10	256QAM	1	0	17.47	17.43	17.32	18.9	3.5	
10	256QAM	1	25	17.30	17.30	17.23			
10	256QAM	1	49	17.16	17.45	17.28			
10	256QAM	25	0	17.30	17.19	17.19	18.9	3.5	
10	256QAM	25	12	17.47	17.42	17.22			
10	256QAM	25	25	17.41	17.34	17.16			
10	256QAM	50	0	17.28	17.43	17.22			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.27	21.27	21.29	22.4	0	
5	QPSK	1	12	21.04	21.14	21.05			
5	QPSK	1	24	21.12	21.36	21.14			
5	QPSK	12	0	21.06	21.29	21.08	22.4	0	
5	QPSK	12	7	20.97	21.26	20.98			
5	QPSK	12	13	20.99	21.02	21.08			
5	QPSK	25	0	21.10	21.20	21.17	22.4	0	
5	16QAM	1	0	21.15	21.14	21.18			
5	16QAM	1	12	20.99	21.31	21.26			
5	16QAM	1	24	21.02	21.12	20.97	21.9	0.5	
5	16QAM	12	0	20.28	20.07	20.20			
5	16QAM	12	7	20.16	20.33	20.18			
5	16QAM	12	13	20.14	20.24	20.28	21.9	0.5	
5	16QAM	25	0	20.15	20.23	20.05			
5	64QAM	1	0	20.35	20.23	20.22			
5	64QAM	1	12	20.27	20.10	20.38	20.9	1.5	
5	64QAM	1	24	20.19	20.19	20.13			
5	64QAM	12	0	19.38	19.23	19.29			
5	64QAM	12	7	19.29	19.46	19.39	18.9	3.5	
5	64QAM	12	13	19.19	19.26	19.30			
5	64QAM	25	0	19.13	19.14	19.42			
5	256QAM	1	0	17.36	17.42	17.38	18.9	3.5	
5	256QAM	1	12	17.30	17.16	17.18			
5	256QAM	1	24	17.11	17.27	17.25			
5	256QAM	12	0	17.48	17.30	17.11	18.9	3.5	
5	256QAM	12	7	17.40	17.27	17.17			
5	256QAM	12	13	17.44	17.29	17.24			
5	256QAM	25	0	17.22	17.26	17.16			

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	16.93	17.10	16.99			
20	QPSK	1	49	16.86	16.95	16.85	17.7		0
20	QPSK	1	99	16.79	17.03	16.85			
20	QPSK	50	0	16.87	17.07	16.93			
20	QPSK	50	24	16.82	16.90	16.86	17.7		0
20	QPSK	50	50	16.86	16.98	16.76			
20	QPSK	100	0	16.77	17.06	16.78			
20	16QAM	1	0	16.72	17.00	16.86			
20	16QAM	1	49	16.85	16.99	16.91	17.7		0
20	16QAM	1	99	16.71	16.95	16.80			
20	16QAM	50	0	16.77	17.00	16.83			
20	16QAM	50	24	16.77	16.96	16.79	17.7		0
20	16QAM	50	50	16.90	16.89	16.86			
20	16QAM	100	0	16.79	17.07	16.89			
20	64QAM	1	0	16.78	16.91	16.92			
20	64QAM	1	49	16.73	17.07	16.91	17.7		0
20	64QAM	1	99	16.72	16.93	16.79			
20	64QAM	50	0	16.85	17.07	16.85			
20	64QAM	50	24	16.88	17.02	16.88	17.7		0
20	64QAM	50	50	16.71	16.98	16.89			
20	64QAM	100	0	16.83	16.92	16.78			
20	256QAM	1	0	16.82	17.01	16.85			
20	256QAM	1	49	16.73	16.93	16.83	17.7		0
20	256QAM	1	99	16.84	16.95	16.82			
20	256QAM	50	0	16.90	16.89	16.76			
20	256QAM	50	24	16.85	16.91	16.88	17.7		0
20	256QAM	50	50	16.85	16.91	16.86			
20	256QAM	100	0	16.84	16.90	16.93			
Channel				20925	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2536.5	2565.5			
15	QPSK	1	0	16.84	17.04	16.94			
15	QPSK	1	37	16.92	16.99	16.84	17.7		0
15	QPSK	1	74	16.89	16.90	16.91			
15	QPSK	36	0	16.87	17.04	16.76			
15	QPSK	36	20	16.82	16.99	16.95	17.7		0
15	QPSK	36	39	16.81	17.03	16.95			
15	QPSK	75	0	16.90	16.98	16.86			
15	16QAM	1	0	16.73	17.02	16.91			
15	16QAM	1	37	16.88	17.02	16.76	17.7		0
15	16QAM	1	74	16.82	17.03	16.87			
15	16QAM	36	0	16.83	17.01	16.80			
15	16QAM	36	20	16.83	17.04	16.78	17.7		0
15	16QAM	36	39	16.74	17.03	16.77			
15	16QAM	75	0	16.74	17.05	16.91			
15	64QAM	1	0	16.73	16.93	16.93			
15	64QAM	1	37	16.80	17.06	16.88	17.7		0
15	64QAM	1	74	16.76	16.97	16.78			
15	64QAM	36	0	16.87	16.92	16.90			
15	64QAM	36	20	16.76	16.93	16.81	17.7		0
15	64QAM	36	39	16.87	17.07	16.76			
15	64QAM	75	0	16.78	16.94	16.86			
15	256QAM	1	0	16.88	16.99	16.82			
15	256QAM	1	37	16.82	17.04	16.79	17.7		0
15	256QAM	1	74	16.90	16.99	16.95			
15	256QAM	36	0	16.90	17.03	16.94			
15	256QAM	36	20	16.85	16.99	16.94	17.7		0
15	256QAM	36	39	16.73	16.95	16.87			
15	256QAM	75	0	16.84	17.08	16.94			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	16.90	17.05	17.01			
10	QPSK	1	25	16.81	16.93	16.81	17.7		0
10	QPSK	1	49	16.86	17.01	16.83			
10	QPSK	25	0	16.85	16.93	16.85			
10	QPSK	25	12	16.88	16.92	16.82	17.7		0
10	QPSK	25	25	16.72	17.06	16.79			
10	QPSK	50	0	16.76	16.91	16.92			
10	16QAM	1	0	16.89	16.93	16.91			
10	16QAM	1	25	16.74	17.07	16.95	17.7		0
10	16QAM	1	49	16.71	16.94	16.87			
10	16QAM	25	0	16.94	16.85	16.91			
10	16QAM	25	12	16.75	17.05	16.89	17.7		0
10	16QAM	25	25	16.76	17.07	16.82			
10	16QAM	50	0	16.76	16.90	16.80			
10	64QAM	1	0	16.74	17.07	16.87			
10	64QAM	1	25	16.75	17.02	16.86	17.7		0
10	64QAM	1	49	16.74	16.99	16.87			
10	64QAM	25	0	16.78	16.91	16.92			
10	64QAM	25	12	16.85	16.90	16.95	17.7		0
10	64QAM	25	25	16.77	16.96	16.95			
10	64QAM	50	0	16.71	16.91	16.84			
10	256QAM	1	0	16.86	16.96	16.76			
10	256QAM	1	25	16.83	16.90	16.89	17.7		0
10	256QAM	1	49	16.72	16.89	16.89			
10	256QAM	25	0	16.72	17.06	16.79			
10	256QAM	25	12	16.90	16.89	16.93	17.7		0
10	256QAM	25	25	16.71	16.97	16.79			
10	256QAM	50	0	16.76	16.99	16.92			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	16.97	16.95	16.99			
5	QPSK	1	12	16.97	16.98	16.93	17.7		0
5	QPSK	1	24	16.96	16.89	16.93			
5	QPSK	12	0	16.86	17.04	16.77			
5	QPSK	12	7	16.87	16.93	16.87	17.7		0
5	QPSK	12	13	16.82	17.06	16.79			
5	QPSK	25	0	16.85	16.97	16.85			
5	16QAM	1	0	16.83	17.08	16.77			
5	16QAM	1	12	16.89	16.92	16.83	17.7		0
5	16QAM	1	24	16.89	16.91	16.82			
5	16QAM	12	0	16.75	16.91	16.90			
5	16QAM	12	7	16.80	16.93	16.79	17.7		0
5	16QAM	12	13	16.88	16.95	16.76			
5	16QAM	25	0	16.75	16.95	16.83			
5	64QAM	1	0	16.75	16.94	16.87			
5	64QAM	1	12	16.83	16.98	16.81	17.7		0
5	64QAM	1	24	16.82	17.08	16.77			
5	64QAM	12	0	16.90	16.91	16.87			
5	64QAM	12	7	16.76	17.06	16.91	17.7		0
5	64QAM	12	13	16.88	17.06	16.95			
5	64QAM	25	0	16.79	16.98	16.94			
5	256QAM	1	0	16.75	16.93	16.83	17.7		0
5	256QAM	1	12	16.71	17.02	16.87			
5	256QAM	1	24	16.84	17.02	16.77			
5	256QAM	12	0	16.71	17.06	16.76			
5	256QAM	12	7	16.77	16.89	16.94	17.7		0
5	256QAM	12	13	16.78	16.93	16.91			
5	256QAM	25	0	16.75	17.01	16.77			

Reduced Power Mode for Other PA DSI4

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	24	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.77	22.84	22.81			
20	QPSK	1	49	22.72	22.76	22.76			
20	QPSK	1	99	22.76	22.74	22.72	23	1	
20	QPSK	50	0	21.72	21.79	21.62			
20	QPSK	50	24	21.57	21.65	21.50			
20	QPSK	50	50	21.63	21.65	21.42			
20	QPSK	100	0	21.62	21.74	21.71	23	1	
20	16QAM	1	0	21.63	21.70	21.58			
20	16QAM	1	49	21.62	21.62	21.39			
20	16QAM	1	99	21.60	21.59	21.40			
20	16QAM	50	0	20.39	20.25	20.38	22	2	
20	16QAM	50	24	20.28	20.40	20.29			
20	16QAM	50	50	20.27	20.33	20.33			
20	16QAM	100	0	20.24	20.31	20.23			
20	64QAM	1	0	20.40	20.42	20.41	22	2	
20	64QAM	1	49	20.29	20.25	20.39			
20	64QAM	1	99	20.21	20.22	20.30			
20	64QAM	50	0	19.45	19.37	19.43			
20	64QAM	50	24	19.40	19.48	19.44	21	3	
20	64QAM	50	50	19.30	19.40	19.38			
20	64QAM	100	0	19.31	19.34	19.49			
20	256QAM	1	0	17.50	17.52	17.39			
20	256QAM	1	49	17.43	17.35	17.26	19	5	
20	256QAM	1	99	17.30	17.46	17.31			
20	256QAM	50	0	17.49	17.32	17.23			
20	256QAM	50	24	17.48	17.43	17.31			
20	256QAM	50	50	17.47	17.39	17.30	19	5	
20	256QAM	100	0	17.35	17.45	17.24			
Channel				20825	21100	21375	24	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.71	22.81	22.67			
15	QPSK	1	37	22.58	22.71	22.74			
15	QPSK	1	74	22.70	22.72	22.52	23	1	
15	QPSK	36	0	21.66	21.64	21.47			
15	QPSK	36	20	21.49	21.55	21.33			
15	QPSK	36	39	21.56	21.53	21.31			
15	QPSK	75	0	21.51	21.70	21.51	23	1	
15	16QAM	1	0	21.46	21.64	21.50			
15	16QAM	1	37	21.58	21.52	21.33			
15	16QAM	1	74	21.51	21.49	21.23			
15	16QAM	36	0	20.26	20.07	20.36	22	2	
15	16QAM	36	20	20.23	20.26	20.21			
15	16QAM	36	39	20.09	20.21	20.31			
15	16QAM	75	0	20.12	20.12	20.10			
15	64QAM	1	0	20.39	20.26	20.32	22	2	
15	64QAM	1	37	20.15	20.22	20.35			
15	64QAM	1	74	20.08	20.12	20.12			
15	64QAM	36	0	19.37	19.30	19.31			
15	64QAM	36	20	19.31	19.46	19.39	21	3	
15	64QAM	36	39	19.15	19.36	19.37			
15	64QAM	75	0	19.21	19.19	19.48			
15	256QAM	1	0	17.39	17.46	17.31			
15	256QAM	1	37	17.27	17.29	17.22	19	5	
15	256QAM	1	74	17.28	17.29	17.22			
15	256QAM	36	0	17.37	17.27	17.08			
15	256QAM	36	20	17.44	17.41	17.20			
15	256QAM	36	39	17.42	17.37	17.27	19	5	
15	256QAM	75	0	17.17	17.39	17.22			
Channel				20800	21100	21400	24	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.63	22.74	22.62			
10	QPSK	1	25	22.59	22.59	22.58			
10	QPSK	1	49	22.74	22.66	22.71	23	1	
10	QPSK	25	0	21.55	21.74	21.50			
10	QPSK	25	12	21.42	21.56	21.37			
10	QPSK	25	25	21.60	21.52	21.29			
10	QPSK	50	0	21.43	21.66	21.57	23	1	
10	16QAM	1	0	21.53	21.59	21.42			
10	16QAM	1	25	21.60	21.43	21.37			
10	16QAM	1	49	21.50	21.44	21.32			
10	16QAM	25	0	20.35	20.15	20.27	22	2	
10	16QAM	25	12	20.14	20.27	20.09			
10	16QAM	25	25	20.23	20.24	20.16			
10	16QAM	50	0	20.10	20.16	20.19			
10	64QAM	1	0	20.23	20.31	20.24	22	2	
10	64QAM	1	25	20.09	20.10	20.37			
10	64QAM	1	49	20.11	20.02	20.16			
10	64QAM	25	0	19.29	19.32	19.28			
10	64QAM	25	12	19.39	19.39	19.34	21	3	
10	64QAM	25	25	19.18	19.32	19.20			
10	64QAM	50	0	19.20	19.31	19.41			
10	256QAM	1	0	17.47	17.43	17.32			
10	256QAM	1	25	17.30	17.30	17.23	19	5	
10	256QAM	1	49	17.16	17.45	17.28			
10	256QAM	25	0	17.30	17.19	17.19			
10	256QAM	25	12	17.47	17.42	17.22			
10	256QAM	25	25	17.41	17.34	17.16	19	5	
10	256QAM	50	0	17.28	17.43	17.22			
Channel				20775	21100	21425	24	0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	22.67	22.67	22.64			
5	QPSK	1	12	22.58	22.59	22.72			
5	QPSK	1	24	22.62	22.67	22.68	23	1	
5	QPSK	12	0	21.61	21.65	21.61			
5	QPSK	12	7	21.40	21.55	21.30			
5	QPSK	12	13	21.59	21.52	21.31			
5	QPSK	25	0	21.60	21.73	21.63	23	1	
5	16QAM	1	0	21.54	21.64	21.42			
5	16QAM	1	12	21.47	21.51	21.38			
5	16QAM	1	24	21.49	21.45	21.25			
5	16QAM	12	0	20.28	20.07	20.20	22	2	
5	16QAM	12	7	20.16	20.33	20.18			
5	16QAM	12	13	20.14	20.24	20.28			
5	16QAM	25	0	20.15	20.23	20.05			
5	64QAM	1	0	20.35	20.23	20.22	22	2	
5	64QAM	1	12	20.27	20.10	20.38			
5	64QAM	1	24	20.19	20.19	20.13			
5	64QAM	12	0	19.38	19.23	19.29			
5	64QAM	12	7	19.29	19.46	19.39	21	3	
5	64QAM	12	13	19.19	19.26	19.30			
5	64QAM	25	0	19.13	19.14	19.42			
5	256QAM	1	0	17.36	17.42	17.38			
5	256QAM	1	12	17.30	17.16	17.18	19	5	
5	256QAM	1	24	17.11	17.27	17.25			
5	256QAM	12	0	17.48	17.30	17.11			
5	256QAM	12	7	17.40	17.27	17.17			
5	256QAM	12	13	17.44	17.29	17.24	19	5	
5	256QAM	25	0	17.22	17.26	17.16			

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	24	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.33	23.45	23.38	23.5	0.5	
20	QPSK	1	49	23.29	23.31	23.31			
20	QPSK	1	99	23.21	23.39	23.26			
20	QPSK	50	0	22.89	23.09	22.91			
20	QPSK	50	24	22.86	22.89	22.81	23.5	0.5	
20	QPSK	50	50	22.84	23.06	22.84			
20	QPSK	100	0	22.84	23.06	22.81			
20	16QAM	1	0	22.97	23.12	23.10			
20	16QAM	1	49	22.83	23.09	23.09	23.5	0.5	
20	16QAM	1	99	22.84	22.95	22.93			
20	16QAM	50	0	21.90	22.16	22.04			
20	16QAM	50	24	21.99	22.13	22.17			
20	16QAM	50	50	21.95	22.21	22.02	22.5	1.5	
20	16QAM	100	0	21.87	22.09	22.05			
20	64QAM	1	0	21.70	21.82	21.74			
20	64QAM	1	49	21.67	21.63	21.71			
20	64QAM	1	99	21.64	21.80	21.55	22.5	1.5	
20	64QAM	50	0	20.71	20.84	20.70			
20	64QAM	50	24	20.77	20.82	20.77			
20	64QAM	50	50	20.63	20.80	20.66			
20	64QAM	100	0	20.71	20.79	20.80	21.5	2.5	
20	256QAM	1	0	18.77	18.91	18.79			
20	256QAM	1	49	18.69	18.78	18.74			
20	256QAM	1	99	18.57	18.77	18.73			
20	256QAM	50	0	18.57	18.90	18.72	19.5	4.5	
20	256QAM	50	24	18.63	18.83	18.64			
20	256QAM	50	50	18.69	18.74	18.65			
20	256QAM	100	0	18.67	18.88	18.65			
Channel				20925	21100	21375	24	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.31	23.34	23.32	23.5	0.5	
15	QPSK	1	37	23.11	23.30	23.16			
15	QPSK	1	74	23.06	23.38	23.06			
15	QPSK	36	0	22.74	22.92	22.85			
15	QPSK	36	20	22.77	22.83	22.70	23.5	0.5	
15	QPSK	36	39	22.71	22.93	22.80			
15	QPSK	75	0	22.68	22.71	22.69			
15	16QAM	1	0	22.93	22.99	23.00			
15	16QAM	1	37	22.64	23.04	22.84	23.5	0.5	
15	16QAM	1	74	22.77	22.80	22.95			
15	16QAM	36	0	21.88	21.97	21.97			
15	16QAM	36	20	21.87	21.95	22.03			
15	16QAM	36	39	21.94	22.07	21.94	22.5	1.5	
15	16QAM	75	0	21.72	21.89	21.95			
15	64QAM	1	0	21.68	21.66	21.61			
15	64QAM	1	37	21.56	21.67	21.69			
15	64QAM	1	74	21.44	21.65	21.49	22.5	1.5	
15	64QAM	36	0	20.56	20.72	20.66			
15	64QAM	36	20	20.62	20.64	20.63			
15	64QAM	36	39	20.49	20.70	20.64			
15	64QAM	75	0	20.57	20.67	20.64	21.5	2.5	
15	256QAM	1	0	18.73	18.76	18.73			
15	256QAM	1	37	18.54	18.67	18.68			
15	256QAM	1	74	18.53	18.58	18.53			
15	256QAM	36	0	18.49	18.87	18.57	19.5	4.5	
15	256QAM	36	20	18.59	18.70	18.57			
15	256QAM	36	39	18.58	18.56	18.52			
15	256QAM	75	0	18.64	18.87	18.58			
Channel				20800	21100	21400	24	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.23	23.27	23.26	24	0	
10	QPSK	1	25	23.12	23.23	23.16			
10	QPSK	1	49	23.02	23.28	23.12			
10	QPSK	25	0	22.78	22.90	22.78			
10	QPSK	25	12	22.76	22.85	22.71	23.5	0.5	
10	QPSK	25	25	22.73	23.02	22.67			
10	QPSK	50	0	22.76	22.80	22.65			
10	16QAM	1	0	22.92	22.97	23.07			
10	16QAM	1	25	22.68	22.89	23.03	23.5	0.5	
10	16QAM	1	49	22.74	22.80	22.85			
10	16QAM	25	0	21.83	22.02	22.03			
10	16QAM	25	12	21.93	22.04	22.11			
10	16QAM	25	25	21.79	22.20	21.89	22.5	1.5	
10	16QAM	50	0	21.77	21.91	21.85			
10	64QAM	1	0	21.61	21.70	21.59			
10	64QAM	1	25	21.63	21.45	21.53			
10	64QAM	1	49	21.63	21.79	21.45	22.5	1.5	
10	64QAM	25	0	20.57	20.71	20.67			
10	64QAM	25	12	20.64	20.74	20.66			
10	64QAM	25	25	20.61	20.78	20.48			
10	64QAM	50	0	20.64	20.77	20.67	21.5	2.5	
10	256QAM	1	0	18.57	18.80	18.76			
10	256QAM	1	25	18.57	18.66	18.56			
10	256QAM	1	49	18.39	18.58	18.61			
10	256QAM	25	0	18.55	18.63	18.66	19.5	4.5	
10	256QAM	25	12	18.54	18.77	18.49			
10	256QAM	25	25	18.56	18.62	18.51			
10	256QAM	50	0	18.65	18.68	18.56			
Channel				20775	21100	21425	24	0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.28	23.37	23.28	24	0	
5	QPSK	1	12	23.12	23.28	23.12			
5	QPSK	1	24	23.13	23.37	23.13			
5	QPSK	12	0	22.70	22.89	22.85			
5	QPSK	12	49	22.77	22.89	22.64	23.5	0.5	
5	QPSK	12	13	22.76	22.93	22.73			
5	QPSK	25	0	22.76	22.82	22.66			
5	16QAM	1	0	22.96	22.96	23.01			
5	16QAM	1	12	22.69	23.00	22.90	23.5	0.5	
5	16QAM	1	24	22.64	22.79	22.92			
5	16QAM	12	0	21.70	22.08	21.96			
5	16QAM	12	7	21.85	22.07	22.10			
5	16QAM	12	13	21.88	22.20	21.86	22.5	1.5	
5	16QAM	25	0	21.74	21.94	22.00			
5	64QAM	1	0	21.69	21.66	21.57			
5	64QAM	1	12	21.61	21.54	21.59			
5	64QAM	1	24	21.46	21.71	21.52	22.5	1.5	
5	64QAM	12	0	20.68	20.80	20.52			
5	64QAM	12	7	20.76	20.71	20.70			
5	64QAM	12	13	20.44	20.63	20.47			
5	64QAM	25	0	20.68	20.71	20.73	21.5	2.5	
5	256QAM	1	0	18.66	18.86	18.69			
5	256QAM	1	12	18.62	18.72	18.68			
5	256QAM	1	24	18.50	18.73	18.67			
5	256QAM	12	0	18.38	18.87	18.64	19.5	4.5	
5	256QAM	12	7	18.51	18.81	18.62			
5	256QAM	12	13	18.58	18.61	18.56			
5	256QAM	25	0	18.56	18.84	18.49			

Reduced Power Mode for Other PA DSI6

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	22.9	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.67	21.75	21.71			
20	QPSK	1	49	21.62	21.57	21.64	22.9	0	
20	QPSK	1	99	21.65	21.70	21.65			
20	QPSK	50	0	21.66	21.73	21.67			
20	QPSK	50	24	21.59	21.60	21.63	22.9	0	
20	QPSK	50	50	21.58	21.64	21.63			
20	QPSK	100	0	21.62	21.70	21.67			
20	16QAM	1	0	21.58	21.58	21.63	22.9	0	
20	16QAM	1	49	21.65	21.64	21.51			
20	16QAM	1	99	21.59	21.65	21.63			
20	16QAM	50	0	20.39	20.25	20.38	21.9	1	
20	16QAM	50	24	20.28	20.40	20.29			
20	16QAM	50	50	20.27	20.33	20.33			
20	16QAM	100	0	20.24	20.31	20.23	21.9	1	
20	64QAM	1	0	20.40	20.42	20.41			
20	64QAM	1	49	20.29	20.25	20.39			
20	64QAM	1	99	20.21	20.22	20.30	20.9	2	
20	64QAM	50	0	19.45	19.37	19.43			
20	64QAM	50	24	19.40	19.48	19.44			
20	64QAM	50	50	19.30	19.40	19.38	18.9	4	
20	64QAM	100	0	19.31	19.34	19.49			
20	256QAM	1	0	17.50	17.52	17.39			
20	256QAM	1	49	17.43	17.35	17.26	18.9	4	
20	256QAM	1	99	17.30	17.46	17.31			
20	256QAM	50	0	17.49	17.32	17.23			
20	256QAM	50	24	17.48	17.43	17.31	18.9	4	
20	256QAM	50	50	17.47	17.39	17.30			
20	256QAM	100	0	17.35	17.45	17.24			
Channel				20825	21100	21375	22.9	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	21.32	21.70	21.56			
15	QPSK	1	37	21.59	21.56	21.59	22.9	0	
15	QPSK	1	74	21.56	21.56	21.48			
15	QPSK	36	0	21.55	21.54	21.55			
15	QPSK	36	20	21.42	21.46	21.59	22.9	0	
15	QPSK	36	39	21.39	21.54	21.45			
15	QPSK	75	0	21.57	21.63	21.49			
15	16QAM	1	0	21.57	21.46	21.52	22.9	0	
15	16QAM	1	37	21.55	21.47	21.34			
15	16QAM	1	74	21.47	21.55	21.48			
15	16QAM	36	0	20.26	20.07	20.36	21.9	1	
15	16QAM	36	20	20.23	20.26	20.21			
15	16QAM	36	39	20.09	20.21	20.31			
15	16QAM	75	0	20.12	20.12	20.10	21.9	1	
15	64QAM	1	0	20.39	20.26	20.32			
15	64QAM	1	37	20.15	20.22	20.35			
15	64QAM	1	74	20.08	20.12	20.12	20.9	2	
15	64QAM	36	0	19.37	19.30	19.31			
15	64QAM	36	20	19.31	19.46	19.39			
15	64QAM	36	39	19.15	19.36	19.37	18.9	4	
15	64QAM	75	0	19.21	19.19	19.48			
15	256QAM	1	0	17.39	17.46	17.31			
15	256QAM	1	37	17.27	17.29	17.22	18.9	4	
15	256QAM	1	74	17.28	17.29	17.22			
15	256QAM	36	0	17.37	17.27	17.08			
15	256QAM	36	20	17.44	17.41	17.20	18.9	4	
15	256QAM	36	39	17.42	17.37	17.27			
15	256QAM	75	0	17.17	17.39	17.22			
Channel				20800	21100	21400	22.9	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.56	21.60	21.54			
10	QPSK	1	25	21.58	21.50	21.46	22.9	0	
10	QPSK	1	49	21.64	21.62	21.58			
10	QPSK	25	0	21.62	21.65	21.53			
10	QPSK	25	12	21.45	21.46	21.58	22.9	0	
10	QPSK	25	25	21.56	21.49	21.50			
10	QPSK	50	0	21.59	21.63	21.60			
10	16QAM	1	0	21.54	21.49	21.54	22.9	0	
10	16QAM	1	25	21.60	21.48	21.41			
10	16QAM	1	49	21.46	21.64	21.59			
10	16QAM	25	0	20.35	20.15	20.27	21.9	1	
10	16QAM	25	12	20.14	20.27	20.09			
10	16QAM	25	25	20.23	20.24	20.16			
10	16QAM	50	0	20.10	20.16	20.19	21.9	1	
10	64QAM	1	0	20.23	20.31	20.24			
10	64QAM	1	25	20.09	20.10	20.37			
10	64QAM	1	49	20.11	20.02	20.16	20.9	2	
10	64QAM	25	0	19.29	19.32	19.28			
10	64QAM	25	12	19.39	19.39	19.34			
10	64QAM	25	25	19.18	19.32	19.20	18.9	4	
10	64QAM	50	0	19.20	19.33	19.41			
10	256QAM	1	0	17.47	17.43	17.32			
10	256QAM	1	25	17.30	17.30	17.23	18.9	4	
10	256QAM	1	49	17.16	17.45	17.28			
10	256QAM	25	0	17.30	17.19	17.19			
10	256QAM	25	12	17.47	17.42	17.22	18.9	4	
10	256QAM	25	25	17.41	17.34	17.16			
10	256QAM	50	0	17.28	17.43	17.22			
Channel				20775	21100	21425	22.9	0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.48	21.73	21.64			
5	QPSK	1	12	21.58	21.56	21.50	22.9	0	
5	QPSK	1	24	21.45	21.66	21.49			
5	QPSK	12	0	21.62	21.59	21.64			
5	QPSK	12	7	21.53	21.55	21.62	22.9	0	
5	QPSK	12	13	21.38	21.56	21.54			
5	QPSK	25	0	21.46	21.58	21.64			
5	16QAM	1	0	21.47	21.43	21.61	22.9	0	
5	16QAM	1	12	21.48	21.51	21.36			
5	16QAM	1	24	21.57	21.60	21.60			
5	16QAM	12	0	20.28	20.07	20.20	21.9	1	
5	16QAM	12	7	20.16	20.33	20.18			
5	16QAM	12	13	20.14	20.24	20.26			
5	16QAM	25	0	20.15	20.23	20.05	21.9	1	
5	64QAM	1	0	20.35	20.23	20.23			
5	64QAM	1	12	20.27	20.10	20.38			
5	64QAM	1	24	20.19	20.19	20.13	20.9	2	
5	64QAM	12	0	19.38	19.23	19.29			
5	64QAM	12	7	19.29	19.46	19.39			
5	64QAM	12	13	19.19	19.26	19.30	18.9	4	
5	64QAM	25	0	19.13	19.14	19.42			
5	256QAM	1	0	17.36	17.42	17.38			
5	256QAM	1	12	17.30	17.16	17.18	18.9	4	
5	256QAM	1	24	17.11	17.27	17.25			
5	256QAM	12	0	17.48	17.30	17.11			
5	256QAM	12	7	17.40	17.27	17.17	18.9	4	
5	256QAM	12	13	17.44	17.29	17.24			
5	256QAM	25	0	17.22	17.26	17.16			

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	22.2	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.49	21.50	21.42			
20	QPSK	1	49	21.33	21.35	21.39	22.2	0	
20	QPSK	1	99	21.30	21.33	21.26			
20	QPSK	50	0	21.44	21.47	21.35			
20	QPSK	50	24	21.36	21.34	21.28	22.2	0	
20	QPSK	50	50	21.43	21.38	21.29			
20	QPSK	100	0	21.36	21.45	21.26			
20	16QAM	1	0	21.36	21.34	21.39	22.2	0	
20	16QAM	1	49	21.40	21.37	21.38			
20	16QAM	1	99	21.34	21.37	21.37			
20	16QAM	50	0	21.34	21.45	21.25	22.2	0	
20	16QAM	50	24	21.42	21.39	21.30			
20	16QAM	50	50	21.30	21.44	21.27			
20	16QAM	100	0	21.33	21.39	21.39	22.2	0	
20	16QAM	1	49	21.42	21.48	21.39			
20	16QAM	1	99	21.32	21.49	21.30			
20	16QAM	50	0	20.71	20.84	20.70	21.7	0.5	
20	16QAM	50	24	20.77	20.82	20.77			
20	16QAM	50	50	20.63	20.80	20.66			
20	16QAM	100	0	20.71	20.79	20.80	19.7	2.5	
20	25QAM	1	0	18.77	18.91	18.79			
20	25QAM	1	49	18.68	18.78	18.74			
20	25QAM	1	99	18.77	18.87	18.73	19.7	2.5	
20	25QAM	50	0	18.57	18.90	18.72			
20	25QAM	50	24	18.63	18.83	18.64			
20	25QAM	50	50	18.69	18.74	18.65	19.7	2.5	
20	25QAM	100	0	18.67	18.88	18.65			
Channel				20925	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	21.32	21.34	21.23	22.2	0	
15	QPSK	1	37	21.24	21.31	21.22			
15	QPSK	1	74	21.21	21.26	21.19			
15	QPSK	36	0	21.32	21.44	21.29	22.2	0	
15	QPSK	36	20	21.33	21.20	21.12			
15	QPSK	36	39	21.38	21.35	21.28			
15	QPSK	75	0	21.27	21.26	21.25	22.2	0	
15	16QAM	1	0	21.33	21.30	21.35			
15	16QAM	1	37	21.32	21.29	21.25			
15	16QAM	1	74	21.24	21.18	21.24	22.2	0	
15	16QAM	36	0	21.27	21.37	21.24			
15	16QAM	36	20	21.37	21.23	21.20			
15	16QAM	36	39	21.17	21.42	21.12	22.2	0	
15	16QAM	75	0	21.32	21.20	21.09			
15	16QAM	1	0	21.14	21.20	21.27			
15	16QAM	1	37	21.40	21.30	21.19	22.2	0	
15	16QAM	1	74	21.16	21.29	21.29			
15	16QAM	36	0	20.56	20.72	20.68			
15	16QAM	36	20	20.62	20.64	20.63	21.7	0.5	
15	16QAM	36	39	20.40	20.70	20.64			
15	16QAM	75	0	20.57	20.67	20.64			
15	25QAM	1	0	18.73	18.76	18.73	19.7	2.5	
15	25QAM	1	37	18.54	18.67	18.68			
15	25QAM	1	74	18.53	18.58	18.53			
15	25QAM	36	0	18.49	18.87	18.57	19.7	2.5	
15	25QAM	36	20	18.59	18.70	18.57			
15	25QAM	36	39	18.58	18.56	18.52			
15	25QAM	75	0	18.64	18.87	18.56	22.2	0	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.32	21.49	21.22	22.2	0	
10	QPSK	1	25	21.26	21.33	21.34			
10	QPSK	1	49	21.15	21.32	21.07			
10	QPSK	25	0	21.28	21.29	21.32	22.2	0	
10	QPSK	25	12	21.27	21.19	21.16			
10	QPSK	25	25	21.30	21.19	21.19			
10	QPSK	50	0	21.35	21.34	21.11	22.2	0	
10	16QAM	1	0	21.17	21.22	21.22			
10	16QAM	1	25	21.20	21.17	21.29			
10	16QAM	1	49	21.16	21.17	21.29	22.2	0	
10	16QAM	25	0	21.29	21.28	21.05			
10	16QAM	25	12	21.27	21.20	21.18			
10	16QAM	25	25	21.15	21.32	21.20	22.2	0	
10	16QAM	50	0	21.47	21.18	21.11			
10	16QAM	1	0	21.16	21.24	21.34			
10	16QAM	1	25	21.24	21.32	21.29	22.2	0	
10	16QAM	1	49	21.18	21.36	21.28			
10	16QAM	25	0	20.57	20.71	20.67			
10	16QAM	25	12	20.64	20.74	20.66	21.7	0.5	
10	16QAM	25	25	20.61	20.78	20.48			
10	16QAM	50	0	20.64	20.77	20.67			
10	25QAM	1	0	18.57	18.80	18.76	19.7	2.5	
10	25QAM	1	25	18.57	18.66	18.56			
10	25QAM	1	49	18.30	18.58	18.61			
10	25QAM	25	0	18.55	18.83	18.66	19.7	2.5	
10	25QAM	25	12	18.54	18.77	18.49			
10	25QAM	25	25	18.56	18.62	18.51			
10	25QAM	50	0	18.65	18.68	18.56	22.2	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.30	21.41	21.33	22.2	0	
5	QPSK	1	12	21.25	21.23	21.20			
5	QPSK	1	24	21.26	21.15	21.11			
5	QPSK	12	0	21.27	21.43	21.18	22.2	0	
5	QPSK	12	7	21.18	21.20	21.17			
5	QPSK	12	13	21.38	21.37	21.16			
5	QPSK	25	0	21.28	21.31	21.13	22.2	0	
5	16QAM	1	0	21.20	21.14	21.38			
5	16QAM	1	12	21.32	21.17	21.28			
5	16QAM	1	24	21.17	21.32	21.27	22.2	0	
5	16QAM	12	0	21.33	21.41	21.07			
5	16QAM	12	7	21.31	21.26	21.11			
5	16QAM	12	13	21.16	21.38	21.09	22.2	0	
5	16QAM	25	0	21.32	21.28	21.12			
5	16QAM	1	0	21.14	21.38	21.32			
5	16QAM	1	12	21.24	21.32	21.23	22.2	0	
5	16QAM	1	24	21.30	21.40	21.10			
5	16QAM	12	0	20.68	20.80	20.52			
5	16QAM	12	13	20.44	20.63	20.47	21.7	0.5	
5	16QAM	25	0	20.68	20.71	20.73			
5	25QAM	1	0	18.65	18.82	18.68			
5	25QAM	1	12	18.62	18.72	18.69	19.7	2.5	
5	25QAM	1	24	18.50	18.84	18.67			
5	25QAM	12	0	18.38	18.87	18.64			
5	25QAM	12	7	18.51	18.81	18.62	19.7	2.5	
5	25QAM	12	13	18.58	18.61	18.56			
5	25QAM	25	0	18.56	18.84	18.49			

Reduced Power Mode for Other PA DSI7

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	18.71	18.85	18.81	19.9	0	
20	QPSK	1	49	18.67	18.73	18.79			
20	QPSK	1	99	18.54	18.83	18.77			
20	QPSK	50	0	18.63	18.82	18.77	19.9	0	
20	QPSK	50	24	18.53	18.74	18.72			
20	QPSK	50	50	18.52	18.69	18.68			
20	QPSK	100	0	18.61	18.80	18.77	19.9	0	
20	16QAM	1	0	18.55	18.68	18.74			
20	16QAM	1	49	18.68	18.78	18.78			
20	16QAM	1	99	18.59	18.75	18.66	19.9	0	
20	16QAM	50	0	18.68	18.71	18.74			
20	16QAM	50	24	18.56	18.65	18.77			
20	16QAM	50	50	18.70	18.73	18.64	19.9	0	
20	16QAM	100	0	18.54	18.69	18.69			
20	64QAM	1	0	18.64	18.72	18.63	19.9	0	
20	64QAM	1	49	18.69	18.83	18.66			
20	64QAM	1	99	18.69	18.80	18.63			
20	64QAM	50	0	18.64	18.69	18.76	19.9	0	
20	64QAM	50	24	18.68	18.84	18.64			
20	64QAM	50	50	18.53	18.65	18.72			
20	64QAM	100	0	18.53	18.66	18.71	18.9	1	
20	256QAM	1	0	17.50	17.52	17.39			
20	256QAM	1	49	17.43	17.35	17.26			
20	256QAM	1	99	17.30	17.46	17.31	18.9	1	
20	256QAM	50	0	17.49	17.32	17.23			
20	256QAM	50	24	17.48	17.43	17.31			
20	256QAM	50	50	17.47	17.39	17.30	18.9	0	
20	256QAM	100	0	17.35	17.45	17.24			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	18.53	18.81	18.62	19.9	0	
15	QPSK	1	37	18.60	18.65	18.69			
15	QPSK	1	74	18.47	18.65	18.71			
15	QPSK	36	0	18.54	18.80	18.66	19.9	0	
15	QPSK	36	20	18.45	18.62	18.59			
15	QPSK	36	39	18.42	18.63	18.67			
15	QPSK	75	0	18.45	18.79	18.74	19.9	0	
15	16QAM	1	0	18.43	18.53	18.55			
15	16QAM	1	37	18.49	18.73	18.74			
15	16QAM	1	74	18.41	18.63	18.46	19.9	0	
15	16QAM	36	0	18.49	18.63	18.72			
15	16QAM	36	20	18.37	18.56	18.63			
15	16QAM	36	39	18.69	18.59	18.44	19.9	0	
15	16QAM	75	0	18.51	18.62	18.59			
15	64QAM	1	0	18.44	18.65	18.53			
15	64QAM	1	37	18.51	18.81	18.60	19.9	0	
15	64QAM	1	74	18.67	18.69	18.62			
15	64QAM	36	0	18.52	18.64	18.65			
15	64QAM	36	20	18.62	18.67	18.56	19.9	0	
15	64QAM	36	39	18.35	18.55	18.65			
15	64QAM	75	0	18.50	18.52	18.61			
15	256QAM	1	0	17.39	17.46	17.31	18.9	1	
15	256QAM	1	37	17.27	17.29	17.22			
15	256QAM	1	74	17.28	17.29	17.22			
15	256QAM	36	0	17.37	17.27	17.08	18.9	1	
15	256QAM	36	20	17.44	17.41	17.20			
15	256QAM	36	39	17.42	17.37	17.27			
15	256QAM	75	0	17.17	17.39	17.22	Tune-up limit (dBm)	MPR (dB)	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	18.59	18.73	18.63	19.9	0	
10	QPSK	1	25	18.64	18.62	18.72			
10	QPSK	1	49	18.46	18.81	18.61			
10	QPSK	25	0	18.57	18.76	18.67	19.9	0	
10	QPSK	25	12	18.45	18.57	18.70			
10	QPSK	25	25	18.37	18.62	18.64			
10	QPSK	50	0	18.56	18.67	18.57	19.9	0	
10	16QAM	1	0	18.44	18.53	18.59			
10	16QAM	1	25	18.59	18.65	18.56			
10	16QAM	1	49	18.53	18.56	18.46	19.9	0	
10	16QAM	25	0	18.63	18.62	18.66			
10	16QAM	25	12	18.51	18.52	18.58			
10	16QAM	25	25	18.68	18.62	18.46	19.9	0	
10	16QAM	50	0	18.49	18.64	18.54			
10	64QAM	1	0	18.51	18.63	18.61			
10	64QAM	1	25	18.62	18.74	18.48	19.9	0	
10	64QAM	1	49	18.50	18.78	18.49			
10	64QAM	25	0	18.48	18.67	18.65			
10	64QAM	25	12	18.49	18.71	18.54	19.9	0	
10	64QAM	25	25	18.33	18.52	18.65			
10	64QAM	50	0	18.35	18.54	18.70			
10	256QAM	1	0	17.47	17.43	17.32	18.9	1	
10	256QAM	1	25	17.30	17.30	17.23			
10	256QAM	1	49	17.16	17.45	17.28			
10	256QAM	25	0	17.30	17.19	17.19	18.9	1	
10	256QAM	25	12	17.47	17.42	17.22			
10	256QAM	25	25	17.41	17.34	17.16			
10	256QAM	50	0	17.28	17.43	17.22	Tune-up limit (dBm)	MPR (dB)	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	18.57	18.70	18.79	19.9	0	
5	QPSK	1	12	18.56	18.65	18.65			
5	QPSK	1	24	18.37	18.75	18.68			
5	QPSK	12	0	18.55	18.67	18.58	19.9	0	
5	QPSK	12	7	18.38	18.72	18.53			
5	QPSK	12	13	18.43	18.50	18.54			
5	QPSK	25	0	18.49	18.64	18.64	19.9	0	
5	16QAM	1	0	18.51	18.49	18.60			
5	16QAM	1	12	18.50	18.59	18.71			
5	16QAM	1	24	18.41	18.55	18.57	19.9	0	
5	16QAM	12	0	18.62	18.59	18.68			
5	16QAM	12	7	18.52	18.45	18.74			
5	16QAM	12	13	18.68	18.58	18.55	19.9	0	
5	16QAM	25	0	18.51	18.49	18.53			
5	64QAM	1	0	18.59	18.64	18.56			
5	64QAM	1	12	18.68	18.73	18.55	19.9	0	
5	64QAM	1	24	18.56	18.65	18.55			
5	64QAM	12	0	18.58	18.61	18.56			
5	64QAM	12	7	18.66	18.72	18.62	19.9	0	
5	64QAM	12	13	18.51	18.56	18.52			
5	64QAM	25	0	18.42	18.46	18.68			
5	256QAM	1	0	17.36	17.42	17.38	18.9	1	
5	256QAM	1	12	17.30	17.16	17.18			
5	256QAM	1	24	17.11	17.27	17.25			
5	256QAM	12	0	17.48	17.30	17.11	18.9	1	
5	256QAM	12	7	17.40	17.27	17.17			
5	256QAM	12	13	17.44	17.29	17.24			
5	256QAM	25	0	17.22	17.26	17.16	Tune-up limit (dBm)	MPR (dB)	

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			

Default				
Mode	Channel	Frequency (MHz)	Ant 8	
			Average power (dBm) 1Mbps	Tune-up Limit
BR / EDR	CH 00	2402	17.42	19.00
	CH 39	2441	17.80	19.50
	CH 76	2480	17.21	19.00

Standalone/Simultaneous				
Mode	Channel	Frequency (MHz)	Ant 8	
			Average power (dBm) 1Mbps	Tune-up Limit
BR / EDR	CH 00	2402	11.41	13.00
	CH 39	2441	12.25	14.00
	CH 76	2480	12.23	14.00



WiFi 6E	WiFi 6E			Default&full power/Stand-alone/Simultaneous						Duty Cycle %
	Mode	Channel	Frequency (MHz)	Ant 8		Ant 7		Ant 8+7		
				average power (dBm)	Tune-up Limit	average power (dBm)	Tune-up Limit	average power (dBm)	Tune-up Limit	
WiFi 6E	802.11ax-HE160 MCS0	15	6025	10.76	12.50	11.79	12.50	14.42	15.50	98.77
		47	6185	9.32	11.00	10.60	11.00	13.12	14.00	
		111	8505	10.66	11.00	9.03	11.00	13.04	14.00	
		143	6665	10.27	11.50	9.98	11.50	13.24	14.50	
		207	6985	8.05	9.50	8.13	9.50	11.20	12.50	