

Reduced power level for 5G NR DSI2 ENDC

Par270 n77 PC2&3 Ant3 DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.35	19.50	19.44	21.0	0.0	
100	PI/2 BPSK	1	137	20.29	20.39	20.28			
100	PI/2 BPSK	1	271	19.49	19.58	19.46			
100	PI/2 BPSK	135	0	20.20	20.24	20.04	21.0	0.0	
100	PI/2 BPSK	135	69	20.30	20.41	20.29	21.0	0.0	
100	PI/2 BPSK	135	138	20.23	20.31	20.29	21.0	0.0	
100	PI/2 BPSK	270	0	20.19	20.25	20.10			
100	QPSK	1	1	19.53	19.53	19.53			
100	QPSK	1	137	20.39	20.44	20.38	21.0	0.0	
100	QPSK	1	271	19.60	19.61	19.61	21.0	0.0	
100	QPSK	135	0	20.18	20.28	20.22			
100	QPSK	135	69	20.41	20.42	20.36			
100	QPSK	135	138	20.20	20.31	20.27	21.0	0.0	
100	QPSK	270	0	20.10	20.28	20.19			
100	16QAM	1	1	19.76	19.89	19.81	21.0	0.0	
100	64QAM	1	1	19.75	19.76	19.77	21.0	0.0	
100	256QAM	1	1	19.81	20.01	19.88	21.0	0.0	
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	123	20.05	20.09	19.93	21.0	0.0	
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	109	19.97	20.13	20.00	21.0	0.0	
Channel				649000	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	81	19.94	20.10	19.98	21.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	67	19.94	20.03	20.05	21.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	53	19.86	19.89	20.02	21.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	26	19.91	20.09	19.96	21.0	0.0	
Channel				647168	656000	664934	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	19	20.05	20.06	19.98	21.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	12	19.98	19.94	20.02	21.0	0.0	

Part27Q n77 PC2&3 Ant3 DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3500.01	3500.01	3500.01			
100	PI/2 BPSK	1	1	19.52	19.52	19.52	21.0	0.0	
100	PI/2 BPSK	1	137	20.38	20.38	20.38			
100	PI/2 BPSK	1	271	19.49	19.49	19.49			
100	PI/2 BPSK	135	0	20.33	20.33	20.33	21.0	0.0	
100	PI/2 BPSK	135	69	20.33	20.33	20.33	21.0	0.0	
100	PI/2 BPSK	135	138	20.41	20.41	20.41	21.0	0.0	
100	PI/2 BPSK	270	0	20.24	20.24	20.24			
100	QPSK	1	1	19.53	19.53	19.53			
100	QPSK	1	137	20.51	20.51	20.51	21.0	0.0	
100	QPSK	1	271	19.66	19.66	19.66	21.0	0.0	
100	QPSK	135	0	20.32	20.32	20.32			
100	QPSK	135	69	20.36	20.36	20.36			
100	QPSK	135	138	20.19	20.19	20.19	21.0	0.0	
100	QPSK	270	0	20.35	20.35	20.35			
100	16QAM	1	1	19.77	19.77	19.77	21.0	0.0	
100	64QAM	1	1	19.88	19.88	19.88	21.0	0.0	
100	256QAM	1	1	20.11	20.11	20.11	21.0	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	123	20.33	20.39	20.18	21.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	109	20.45	20.40	20.31	21.0	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	81	20.37	20.39	20.34	21.0	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67	20.45	20.45	20.35	21.0	0.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	53	20.49	20.37	20.14	21.0	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26	20.33	20.43	20.20	21.0	0.0	
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	19	20.48	20.33	20.15	21.0	0.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	12	20.42	20.47	20.24	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					3750			
Frequency (MHz)					19.51			
100	PI/2 BPSK	1	1		20.34		21.0	0.0
100	PI/2 BPSK	1	137		19.54			
100	PI/2 BPSK	1	271		20.15		21.0	0.0
100	PI/2 BPSK	135	0		20.32		21.0	0.0
100	PI/2 BPSK	135	69		20.28		21.0	0.0
100	PI/2 BPSK	135	138		20.19		21.0	0.0
100	PI/2 BPSK	270	0		19.44			
100	QPSK	1	1		20.44		21.0	0.0
100	QPSK	1	137		19.54			
100	QPSK	1	271		20.26		21.0	0.0
100	QPSK	135	0		20.31		21.0	0.0
100	QPSK	135	69		20.22		21.0	0.0
100	QPSK	135	138		20.23			
100	QPSK	270	0		19.72		21.0	0.0
100	16QAM	1	1		19.69		21.0	0.0
100	64QAM	1	1		19.91		21.0	0.0
100	256QAM	1	1		649668	650000	650334	Tune-up limit MPR
Channel					3745.02	3750	3755.01	(dBm) (dB)
Frequency (MHz)					19.92	20.07	19.93	21.0 0.0
90	QPSK	1	123		649334	650000	650668	Tune-up limit MPR
Channel					3740.01	3750	3760.02	(dBm) (dB)
Frequency (MHz)					19.52	19.93	19.61	21.0 0.0
80	QPSK	1	109		645068	650000	651334	Tune-up limit MPR
Channel					3730.02	3750	3770.01	(dBm) (dB)
Frequency (MHz)					19.93	20.01	19.95	21.0 0.0
60	QPSK	1	81		648334	650000	651668	Tune-up limit MPR
Channel					3725.01	3750	3775.02	(dBm) (dB)
Frequency (MHz)					19.02	20.03	19.92	21.0 0.0
50	QPSK	1	67		649000	650000	652000	Tune-up limit MPR
Channel					3720	3750	3780	(dBm) (dB)
Frequency (MHz)					19.94	20.00	20.00	21.0 0.0
40	QPSK	1	53		647334	650000	652668	Tune-up limit MPR
Channel					3710.01	3750	3790.02	(dBm) (dB)
Frequency (MHz)					19.25	20.02	20.02	21.0 0.0
20	QPSK	1	26		647168	650000	652834	Tune-up limit MPR
Channel					3707.52	3750	3792.51	(dBm) (dB)
Frequency (MHz)					19.95	20.04	19.93	21.0 0.0
15	QPSK	1	19		647000	650000	653000	Tune-up limit MPR
Channel					3745	3750	3745	(dBm) (dB)
Frequency (MHz)					20.02	19.99	19.97	21.0 0.0
10	QPSK	1	12					

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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					3500.01			
Frequency (MHz)					19.42			
100	PI/2 BPSK	1	1		20.14		21.0	0.0
100	PI/2 BPSK	1	137		19.53			
100	PI/2 BPSK	1	271		20.11		21.0	0.0
100	PI/2 BPSK	135	0		20.28		21.0	0.0
100	PI/2 BPSK	135	69		20.18		21.0	0.0
100	PI/2 BPSK	135	138		19.97		21.0	0.0
100	PI/2 BPSK	270	0		19.44			
100	QPSK	1	1		20.33		21.0	0.0
100	QPSK	1	137		20.05			
100	QPSK	1	271		20.13		21.0	0.0
100	QPSK	135	0		20.25		21.0	0.0
100	QPSK	135	69		20.13		21.0	0.0
100	QPSK	135	138		20.24		21.0	0.0
100	QPSK	270	0		19.56		21.0	0.0
100	16QAM	1	1		19.47		21.0	0.0
100	64QAM	1	1		19.74		21.0	0.0
100	256QAM	1	1		633000	633334	633668	Tune-up limit MPR
Channel					3495	3500.01	3505.02	(dBm) (dB)
Frequency (MHz)					19.94	19.95	19.94	21.0 0.0
90	QPSK	1	123		632668	633334	634000	Tune-up limit MPR
Channel					3490.02	3500.01	3510	(dBm) (dB)
Frequency (MHz)					19.90	19.76	19.85	21.0 0.0
80	QPSK	1	109		632000	633334	634668	Tune-up limit MPR
Channel					3480	3500.01	3520.02	(dBm) (dB)
Frequency (MHz)					19.83	19.96	19.77	21.0 0.0
60	QPSK	1	81		631668	633334	635000	Tune-up limit MPR
Channel					3475.02	3500.01	3525	(dBm) (dB)
Frequency (MHz)					19.75	19.88	19.91	21.0 0.0
50	QPSK	1	67		631334	633334	635334	Tune-up limit MPR
Channel					3470.01	3500.01	3530.01	(dBm) (dB)
Frequency (MHz)					19.72	19.96	19.87	21.0 0.0
40	QPSK	1	53		630668	633334	636000	Tune-up limit MPR
Channel					3460.02	3500.01	3540	(dBm) (dB)
Frequency (MHz)					19.93	19.92	19.94	21.0 0.0
20	QPSK	1	26		630500	633334	636168	Tune-up limit MPR
Channel					3457.5	3500.01	3542.52	(dBm) (dB)
Frequency (MHz)					19.75	19.77	19.77	21.0 0.0
15	QPSK	1	19		630334	633334	636334	Tune-up limit MPR
Channel					3455.01	3500.01	3545.01	(dBm) (dB)
Frequency (MHz)					19.90	19.94	19.86	21.0 0.0
10	QPSK	1	12					



Reduced power level for 5G NR DSI3

n5 Ant1 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				831	838.5	841		
Frequency (MHz)				831	838.5	841		
20	PI/2 BPSK	1	1	22.95	23.16	23.09		
20	PI/2 BPSK	1	26	22.96	23.09	23.05	24.5	0.0
20	PI/2 BPSK	1	49	23.00	23.12	23.17		
20	PI/2 BPSK	25	0	23.01	23.05	23.16	24.5	0.0
20	PI/2 BPSK	25	13	22.84	23.20	23.19	24.5	0.0
20	PI/2 BPSK	25	26	23.00	23.15	23.11		
20	PI/2 BPSK	50	0	22.90	23.06	23.09	24.5	0.0
20	QPSK	1	1	22.80	23.22	23.08		
20	QPSK	1	26	22.90	23.12	23.10	24.5	0.0
20	QPSK	1	49	22.81	23.16	23.09		
20	QPSK	25	0	22.94	23.10	23.05	24.5	0.0
20	QPSK	25	13	22.95	23.21	23.13	24.5	0.0
20	QPSK	25	26	22.86	23.06	23.10	24.5	0.0
20	QPSK	50	0	22.89	23.19	23.02		
20	16QAM	1	1	22.80	23.09	23.00	24.5	0.0
20	64QAM	1	1	21.30	21.78	21.68	23.0	1.5
20	256QAM	1	1	19.74	20.26	19.98	21.0	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.60	23.16	22.92	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.62	23.19	23.01	24.5	0.0

n7 Ant1 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 502000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 512000	Tune-up limit (dBm)	MPR (dB)
Channel				2310	2315	2320		
Frequency (MHz)				2310	2315	2320		
20	PI/2 BPSK	1	1	18.15	18.50	18.27		
20	PI/2 BPSK	1	26	18.18	18.38	18.22	19.5	0.0
20	PI/2 BPSK	1	49	18.20	18.36	18.32		
20	PI/2 BPSK	25	0	18.21	18.53	18.34	19.5	0.0
20	PI/2 BPSK	25	13	18.24	18.35	18.33	19.5	0.0
20	PI/2 BPSK	25	26	18.30	18.51	18.29	19.5	0.0
20	PI/2 BPSK	50	0	18.28	18.54	18.29		
20	QPSK	1	1	18.38	18.55	18.23		
20	QPSK	1	26	18.36	18.44	18.41	19.5	0.0
20	QPSK	1	49	18.16	18.33	18.34		
20	QPSK	25	0	18.28	18.33	18.28	19.5	0.0
20	QPSK	25	13	18.33	18.51	18.25	19.5	0.0
20	QPSK	25	26	18.31	18.43	18.24	19.5	0.0
20	QPSK	50	0	18.36	18.48	18.25		
20	16QAM	1	1	18.35	18.46	18.43	19.5	0.0
20	64QAM	1	1	18.22	18.36	18.37	19.5	0.0
20	256QAM	1	1	18.18	18.35	18.43	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.37	18.48	18.31	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.24	18.44	18.41	19.5	0.0

n38 Ant1 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516000	518000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610			
20	PI/2 BPSK	1	1	17.91	18.15	17.95	19.5	0.0	
20	PI/2 BPSK	1	26	17.88	18.06	18.13			
20	PI/2 BPSK	1	49	17.89	18.04	17.98	19.5	0.0	
20	PI/2 BPSK	25	0	17.82	18.01	18.12			
20	PI/2 BPSK	25	13	17.87	18.20	17.94	19.5	0.0	
20	PI/2 BPSK	25	26	18.04	18.18	18.00			
20	PI/2 BPSK	50	0	18.00	18.11	18.13	19.5	0.0	
20	QPSK	1	1	17.96	18.22	17.95			
20	QPSK	1	26	17.87	18.18	18.15	19.5	0.0	
20	QPSK	1	49	17.91	18.12	17.94			
20	QPSK	25	0	17.93	18.08	18.08	19.5	0.0	
20	QPSK	25	13	17.84	18.18	18.17			
20	QPSK	25	26	17.82	18.20	18.02	19.5	0.0	
20	QPSK	50	0	17.88	18.16	17.98			
20	16QAM	1	1	17.87	18.18	18.15	19.5	0.0	
20	64QAM	1	1	18.00	18.12	17.98			
20	256QAM	1	1	17.92	18.05	18.04	19.5	0.0	
Channel				515902	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49	Tune-up limit (dBm)	MPR (dB)	
15	PI/2 BPSK	1	1	17.95	18.19	18.01	19.5	0.0	
Channel				515004	519000	522596			
Frequency (MHz)				2575.02	2595	2614.98	Tune-up limit (dBm)	MPR (dB)	
10	PI/2 BPSK	1	1	17.97	18.07	18.13	19.5	0.0	

n41 PC2&3 Ant1 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				508202	518898	528000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	18.77	18.92	18.67	19.5	0.0	
100	PI/2 BPSK	1	137	18.67	18.79	18.66			
100	PI/2 BPSK	1	271	18.74	18.90	18.55	19.5	0.0	
100	PI/2 BPSK	135	0	18.75	18.84	18.62			
100	PI/2 BPSK	135	69	18.69	18.73	18.58	19.5	0.0	
100	PI/2 BPSK	135	138	18.70	18.89	18.58			
100	PI/2 BPSK	270	0	18.76	18.94	18.67	19.5	0.0	
100	QPSK	1	1	18.59	18.85	18.65			
100	QPSK	1	137	18.74	18.95	18.53	19.5	0.0	
100	QPSK	1	271	18.79	18.67	18.57			
100	QPSK	135	0	18.61	18.81	18.57	19.5	0.0	
100	QPSK	135	69	18.77	18.84	18.58			
100	QPSK	135	138	18.78	18.75	18.67	19.5	0.0	
100	QPSK	270	0	18.75	18.80	18.67			
100	16QAM	1	1	18.77	18.82	18.65	19.5	0.0	
100	64QAM	1	1	18.72	18.76	18.70			
100	256QAM	1	1	18.65	18.92	18.72	19.5	0.0	
Channel				508200	518898	528998			
Frequency (MHz)				2541	2592.99	2644.98	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	123	18.62	18.67	18.73	19.5	0.0	
Channel				507204	518898	529998			
Frequency (MHz)				2538.02	2592.99	2649.99	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	109	18.71	18.93	18.71	19.5	0.0	
Channel				506200	518898	531998			
Frequency (MHz)				2526	2592.99	2659.98	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	81	18.57	18.50	18.61	19.5	0.0	
Channel				504204	518898	533998			
Frequency (MHz)				2521.02	2592.99	2684.99	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	67	18.65	18.82	18.72	19.5	0.0	
Channel				503202	518898	534000			
Frequency (MHz)				2516.01	2592.99	2670	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	53	18.70	18.73	18.65	19.5	0.0	
Channel				501204	518898	535998			
Frequency (MHz)				2506.02	2592.99	2679.99	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	26	18.78	18.86	18.67	19.5	0.0	
Channel				500700	518898	536498			
Frequency (MHz)				2503.02	2592.99	2682.02	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	19	18.75	18.85	18.65	19.5	0.0	
Channel				500202	518898	537000			
Frequency (MHz)				2501.01	2592.99	2685	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	12	18.76	18.75	18.53	19.5	0.0	

n7 Ant2 Default power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	23.07	23.15	23.08			
20	PI/2 BPSK	1	26	23.10	23.13	23.19	25.0	0.0	
20	PI/2 BPSK	1	49	23.02	23.04	23.01			
20	PI/2 BPSK	25	0	22.57	22.67	22.58	24.5	0.5	
20	PI/2 BPSK	25	13	23.12	23.16	23.04	25.0	0.0	
20	PI/2 BPSK	25	26	22.56	22.67	22.65			
20	PI/2 BPSK	50	0	22.61	22.72	22.67	24.5	0.5	
20	QPSK	1	1	23.05	23.24	23.11			
20	QPSK	1	26	23.16	23.20	23.01	25.0	0.0	
20	QPSK	1	49	23.18	23.02	23.14			
20	QPSK	25	0	22.07	22.19	22.10	24.0	1.0	
20	QPSK	25	13	23.09	23.19	23.08	25.0	0.0	
20	QPSK	25	26	22.32	22.34	22.28			
20	QPSK	50	0	22.34	22.35	22.30	24.0	1.0	
20	16QAM	1	1	22.14	22.25	22.17	24.0	1.0	
20	64QAM	1	1	20.62	20.54	20.56	22.5	2.5	
20	256QAM	1	1	18.73	18.77	18.67	20.5	4.5	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	23.14	23.16	23.03	25.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	23.13	23.15	23.02	25.0	0.0	

n38 Ant2 Default power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516600	518000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2610		
20	PI/2 BPSK	1	1	23.01	23.04	23.12	25.0	0.0
20	PI/2 BPSK	1	26	23.03	23.20	23.07		
20	PI/2 BPSK	1	49	23.18	23.04	23.05		
20	PI/2 BPSK	25	0	22.68	22.58	22.67	24.5	0.5
20	PI/2 BPSK	25	13	23.08	23.10	23.02	25.0	0.0
20	PI/2 BPSK	25	26	22.54	22.57	22.59	24.5	0.5
20	PI/2 BPSK	50	0	22.80	22.64	22.57		
20	QPSK	1	1	23.05	23.22	23.15		
20	QPSK	1	26	23.10	23.12	23.17	25.0	0.0
20	QPSK	1	49	23.06	23.09	23.07		
20	QPSK	25	0	22.04	22.15	22.03		
20	QPSK	25	13	23.07	23.11	23.02	25.0	0.0
20	QPSK	25	26	22.20	22.20	22.14	24.0	1.0
20	QPSK	50	0	22.22	22.24	22.20	24.0	1.0
20	16QAM	1	1	22.22	22.41	22.41		
20	64QAM	1	1	20.72	20.67	20.75		
20	256QAM	1	1	18.75	18.79	18.66	20.5	4.5
Channel				515902	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	23.06	23.12	23.04	25.0	0.0
Channel				515004	518000	522596	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	23.04	23.14	23.06	25.0	0.0

n41 PC3 Ant2 Default power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518998	530000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.03	23.08	23.12	25.0	0.0
100	PI/2 BPSK	1	137	23.03	23.20	23.13		
100	PI/2 BPSK	1	271	23.02	23.03	23.13		
100	PI/2 BPSK	135	0	23.08	23.13	23.09	25.0	0.0
100	PI/2 BPSK	135	69	23.20	23.22	23.12	25.0	0.0
100	PI/2 BPSK	135	138	23.10	23.14	23.06	25.0	0.0
100	PI/2 BPSK	270	0	23.08	23.07	23.01		
100	QPSK	1	1	23.11	23.03	23.14		
100	QPSK	1	137	23.13	23.26	23.10	25.0	0.0
100	QPSK	1	271	23.07	23.20	23.11		
100	QPSK	135	0	23.16	23.19	23.16		
100	QPSK	135	69	23.22	23.24	23.18	25.0	0.0
100	QPSK	135	138	23.04	23.17	23.11	25.0	0.0
100	QPSK	270	0	23.03	23.09	23.05		
100	16QAM	1	1	23.09	23.11	23.04		
100	64QAM	1	1	21.71	21.76	21.79	23.5	1.5
100	256QAM	1	1	19.64	19.64	19.67	21.5	3.5
Channel				508200	518998	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	23.07	23.10	23.05	25.0	0.0
Channel				507204	518998	529996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	109	23.17	23.06	23.09	25.0	0.0
Channel				506200	518998	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.06	23.10	23.08	25.0	0.0
Channel				504204	518998	533996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.16	23.07	23.08	25.0	0.0
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.05	23.10	23.06	25.0	0.0
Channel				501204	518998	535996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	23.02	23.08	23.11	25.0	0.0
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.15	2592.99	2682.49		
15	QPSK	1	19	23.05	23.09	23.16	25.0	0.0
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	23.02	23.07	23.11	25.0	0.0



Par27O n77 PC3 Ant2 Default power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	22.59	22.67	22.60	24.0		
100	PV2 BPSK	1	137	23.55	23.62	23.57		0.0	
100	PV2 BPSK	1	271	22.56	22.61	22.59	24.0		
100	PV2 BPSK	135	0	23.34	23.49	23.44		0.0	
100	PV2 BPSK	135	69	23.54	23.37	23.59	24.0		
100	PV2 BPSK	135	138	23.34	23.53	23.44		0.0	
100	PV2 BPSK	270	0	23.50	23.55	23.39	24.0		
100	QPSK	1	1	22.67	22.62	22.58			
100	QPSK	1	137	23.66	23.72	23.62	24.0		
100	QPSK	1	271	22.64	22.60	22.59		0.0	
100	QPSK	135	0	23.38	23.53	23.37	24.0		
100	QPSK	135	69	23.38	23.57	23.41		0.0	
100	QPSK	135	138	23.46	23.48	23.28	24.0		
100	QPSK	270	0	23.37	23.47	23.29		0.0	
100	16QAM	1	1	22.51	22.62	22.51	24.0		
100	64QAM	1	1	23.12	23.15	23.14		0.5	
100	256QAM	1	1	21.25	21.22	21.06	21.5	2.5	
Channel				649688	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	123	23.49	23.56	23.52	24.0		
Channel				640334	650000	659666		Tune-up limit (dBm)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	109	23.49	23.54	23.53	24.0		
Channel				648668	656000	663334		Tune-up limit (dBm)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	81	23.50	23.54	23.51	24.0		
Channel				643334	650000	659666		Tune-up limit (dBm)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	67	23.52	23.55	23.53	24.0		
Channel				648000	656000	664000		Tune-up limit (dBm)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	53	23.49	23.53	23.50	24.0		
Channel				647334	656000	664668		Tune-up limit (dBm)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	26	23.51	23.54	23.52	24.0		
Channel				647168	656000	664834		Tune-up limit (dBm)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	19	23.52	23.55	23.50	24.0		
Channel				647000	656000	665000		Tune-up limit (dBm)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	12	23.51	23.54	23.50	24.0		
Channel									

Par27O n77 PC2 Ant2 Default power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	25.10	25.18	25.14	27.0		
100	PV2 BPSK	1	137	25.48	25.54	25.41		0.0	
100	PV2 BPSK	1	271	25.04	25.13	25.02	26.5		
100	PV2 BPSK	135	0	25.50	25.67	25.53		0.5	
100	PV2 BPSK	135	69	25.60	25.66	25.58	27.0		
100	PV2 BPSK	135	138	25.57	25.60	25.56		0.5	
100	PV2 BPSK	270	0	25.48	25.64	25.53	27.0		
100	QPSK	1	1	25.12	25.05	24.89			
100	QPSK	1	137	25.61	25.71	25.67	27.0		
100	QPSK	1	271	25.13	25.14	25.17		0.0	
100	QPSK	135	0	24.83	25.03	24.84	26.0		
100	QPSK	135	69	25.55	25.62	25.43		0.0	
100	QPSK	135	138	24.74	24.70	24.97	26.0		
100	QPSK	270	0	24.82	24.88	24.79		1.0	
100	16QAM	1	1	24.76	24.77	24.78	26.0		
100	64QAM	1	1	23.12	23.15	23.17		1.0	
100	256QAM	1	1	21.11	21.13	21.07	22.5	4.5	
Channel				649688	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	123	25.49	25.61	25.56	27.0		
Channel				640334	650000	659666		Tune-up limit (dBm)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	109	25.47	25.61	25.56	27.0		
Channel				648668	656000	663334		Tune-up limit (dBm)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	81	25.51	25.61	25.55	27.0		
Channel				643334	650000	659666		Tune-up limit (dBm)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	67	25.49	25.61	25.56	27.0		
Channel				648000	656000	664000		Tune-up limit (dBm)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	53	25.49	25.61	25.54	27.0		
Channel				647334	656000	664668		Tune-up limit (dBm)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	26	25.51	25.63	25.56	27.0		
Channel				647168	656000	664834		Tune-up limit (dBm)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	19	25.49	25.54	25.54	27.0		
Channel				647000	656000	665000		Tune-up limit (dBm)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	12	25.50	25.62	25.54	27.0		
Channel									

Part27Q n77 PC3 Ant2 Default power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
100	PV2 BPSK	1	1		22.92		24.0		
100	PV2 BPSK	1	137		23.64			0.0	
100	PV2 BPSK	1	271		22.74		24.0		
100	PV2 BPSK	135	0		23.53			0.0	
100	PV2 BPSK	135	69		23.56		24.0		
100	PV2 BPSK	135	138		23.57			0.0	
100	PV2 BPSK	270	0		23.64		24.0		
100	QPSK	1	1		22.84				
100	QPSK	1	137		23.67		24.0		
100	QPSK	1	271		22.69			0.0	
100	QPSK	135	0		23.81		24.0		
100	QPSK	135	69		23.62			0.0	
100	QPSK	135	138		23.55		24.0		
100	QPSK	270	0		23.61			0.0	
100	16QAM	1	1		22.59		24.0		
100	64QAM	1	1		23.15			2.5	
100	256QAM	1	1		21.27		21.5	2.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	123		23.48	23.44	24.0		
Channel				632996	633334	634000		Tune-up limit (dBm)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	109		23.48	23.47	23.9		
Channel				632000	633334	634668		Tune-up limit (dBm)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	81		23.46	23.45	23.38		
Channel				631668	633334	635000		Tune-up limit (dBm)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67		23.45	23.45	23.37		
Channel				631334	633334	635334		Tune-up limit (dBm)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	53		23.47	23.47	23.38		
Channel				630996	633334	635668		Tune-up limit (dBm)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26		23.47	23.46	23.38		
Channel				630500	633334	636168		Tune-up limit (dBm)	
Frequency (MHz)				3457.5	3500.01	3547.52			
15	QPSK	1	19		23.47	23.45	23.38		
Channel				630334	633334	636334		Tune-up limit (dBm)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	12		23.47	23.47	23.37		
Channel				630000	633334	636668		Tune-up limit (dBm)	
Frequency (MHz)				3450	3500.01	3540			



Part27Q n77 PC2 Ant2 Default power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		25.12				
100	PI/2 BPSK	1	137		25.47		27.0	0.0	
100	PI/2 BPSK	1	271		24.81				
100	PI/2 BPSK	135	0		25.36		26.5	0.5	
100	PI/2 BPSK	135	69		25.47		27.0	0.0	
100	PI/2 BPSK	135	138		25.41				
100	PI/2 BPSK	270	0		25.44		26.5	0.5	
100	QPSK	1	1		25.21				
100	QPSK	1	137		25.55		27.0	0.0	
100	QPSK	1	271		25.10				
100	QPSK	135	0		24.78		26.0	1.0	
100	QPSK	135	69		25.50		27.0	0.0	
100	QPSK	135	138		24.76		26.0	1.0	
100	QPSK	270	0		24.95				
100	16QAM	1	1		23.84		26.0	1.0	
100	64QAM	1	1		23.15		24.5	2.5	
100	256QAM	1	1		21.06		22.5	4.5	
Channel				633000	633334	633668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	123		25.32	25.39	25.42	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	109		25.33	25.37	25.41	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	81		25.33	25.38	25.41	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67		25.32	25.41	25.41	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	53		25.34	25.41	25.43	27.0	0.0
Channel				633068	633334	633600	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26		25.34	25.40	25.43	27.0	0.0
Channel				630900	633334	636168	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3457.5	3500.01	3542.02			
15	QPSK	1	19		25.34	25.40	25.41	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	12		25.33	25.38	25.43	27.0	0.0

Part270 n78 PC3 Ant2 Default power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3750					
Frequency (MHz)				650000					
100	PI/2 BPSK	1	1		22.58		24.0	0.0	
100	PI/2 BPSK	1	137		23.42				
100	PI/2 BPSK	1	271		22.51				
100	PI/2 BPSK	135	0		23.39		24.0	0.0	
100	PI/2 BPSK	135	69		23.44		24.0	0.0	
100	PI/2 BPSK	135	138		23.42		24.0	0.0	
100	PI/2 BPSK	270	0		23.37		24.0	0.0	
100	QPSK	1	1		22.55				
100	QPSK	1	137		23.46		24.0	0.0	
100	QPSK	1	271		22.56				
100	QPSK	135	0		23.39		24.0	0.0	
100	QPSK	135	69		23.44		24.0	0.0	
100	QPSK	135	138		23.43		24.0	0.0	
100	QPSK	270	0		23.42		24.0	0.0	
100	16QAM	1	1		22.55		24.0	0.0	
100	64QAM	1	1		23.04		23.5	0.5	
100	256QAM	1	1		21.03		21.5	2.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123		23.39	23.26	23.40	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109		23.37	23.25	23.41	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81		23.38	23.28	23.40	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67		23.37	23.27	23.43	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3760			
40	QPSK	1	53		23.38	23.26	23.44	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26		23.38	23.25	23.42	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19		23.37	23.27	23.41	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12		23.37	23.26	23.41	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				3750					
Frequency (MHz)				650000					
100	PI/2 BPSK	1	1		25.14		27.0	0.0	
100	PI/2 BPSK	1	137		25.60				
100	PI/2 BPSK	1	271		25.07				
100	PI/2 BPSK	135	0		25.30				
100	PI/2 BPSK	135	69		25.58		26.5	0.5	
100	PI/2 BPSK	135	138		25.23		27.0	0.0	
100	PI/2 BPSK	270	0		25.16		26.5	0.5	
100	QPSK	1	1		25.22				
100	QPSK	1	137		25.65		27.0	0.0	
100	QPSK	1	271		25.15				
100	QPSK	135	0		25.33		26.0	1.0	
100	QPSK	135	69		25.59		27.0	0.0	
100	QPSK	135	138		24.65		26.0	1.0	
100	QPSK	270	0		24.81				
100	16QAM	1	1		24.03		26.0	1.0	
100	64QAM	1	1		23.14		24.5	2.5	
100	256QAM	1	1		21.19		22.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123		25.52	25.37	25.49	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109		25.52	25.38	25.51	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81		25.52	25.37	25.48	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67		25.53	25.40	25.51	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3760			
40	QPSK	1	53		25.51	25.38	25.52	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26		25.54	25.39	25.49	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19		25.53	25.38	25.50	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12		25.54	25.38	25.50	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				633334			24.0	0.0	
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		22.49		24.0	0.0	
100	PI/2 BPSK	1	137		23.31				
100	PI/2 BPSK	1	271		22.40				
100	PI/2 BPSK	135	0		23.29				
100	PI/2 BPSK	135	69		23.32		24.0	0.0	
100	PI/2 BPSK	135	138		23.31				
100	PI/2 BPSK	270	0		23.28				
100	QPSK	1	1		22.46				
100	QPSK	1	137		23.38		24.0	0.0	
100	QPSK	1	271		22.46				
100	QPSK	135	0		23.30				
100	QPSK	135	69		23.35				
100	QPSK	135	138		23.33		24.0	0.0	
100	QPSK	270	0		23.33				
100	16QAM	1	1		22.44				
100	64QAM	1	1		22.89				
100	256QAM	1	1		20.87		21.5	2.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02	24.0	0.0	
90	QPSK	1	123		23.27	23.16	23.30	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	24.0	0.0	
80	QPSK	1	109		23.30	23.15	23.30	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02	24.0	0.0	
60	QPSK	1	81		23.30	23.16	23.30	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525	24.0	0.0	
50	QPSK	1	67		23.28	23.17	23.31	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01	24.0	0.0	
40	QPSK	1	53		23.31	23.16	23.31	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	24.0	0.0	
20	QPSK	1	26		23.28	23.17	23.32	24.0	0.0
Channel				630900	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52	24.0	0.0	
15	QPSK	1	19		23.29	23.14	23.30	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01	24.0	0.0	
10	QPSK	1	12		23.27	23.17	23.31	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				633334			27.0	0.0	
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		25.03		27.0	0.0	
100	PI/2 BPSK	1	137		25.49				
100	PI/2 BPSK	1	271		24.98				
100	PI/2 BPSK	135	0		25.21				
100	PI/2 BPSK	135	69		25.48		26.5	0.5	
100	PI/2 BPSK	135	138		25.13		27.0	0.0	
100	PI/2 BPSK	270	0		25.07		26.5	0.5	
100	QPSK	1	1		25.13		27.0	0.0	
100	QPSK	1	137		25.56				
100	QPSK	1	271		25.05				
100	QPSK	135	0		25.24				
100	QPSK	135	69		25.48		27.0	0.0	
100	QPSK	135	138		24.56		26.0	1.0	
100	QPSK	270	0		24.70		27.0	0.0	
100	16QAM	1	1		23.84		26.0	1.0	
100	64QAM	1	1		23.14		24.5	2.5	
100	256QAM	1	1		21.09		22.5	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02	27.0	0.0	
90	QPSK	1	123		25.41	25.29	25.40	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	27.0	0.0	
80	QPSK	1	109		25.42	25.26	25.38	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02	27.0	0.0	
60	QPSK	1	81		25.43	25.27	25.41	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525	27.0	0.0	
50	QPSK	1	67		25.43	25.29	25.37	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01	27.0	0.0	
40	QPSK	1	53		25.42	25.25	25.37	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	27.0	0.0	
20	QPSK	1	26		25.42	25.27	25.39	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52	27.0	0.0	
15	QPSK	1	19		25.41	25.27	25.39	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01	27.0	0.0	
10	QPSK	1	12		25.43	25.26	25.40	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				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	22.40	22.58	22.49	24.0	0.0	
100	PI/2 BPSK	1	137	23.45	23.53	23.46			
100	PI/2 BPSK	1	271	22.35	22.52	22.49			
100	PI/2 BPSK	135	0	23.24	23.40	23.35	24.0	0.0	
100	PI/2 BPSK	135	69	23.43	23.27	23.48	24.0	0.0	
100	PI/2 BPSK	135	135	23.25	23.42	23.35	24.0	0.0	
100	PI/2 BPSK	270	0	23.40	23.44	23.29			
100	QPSK	1	1	22.37	22.50	22.46	24.0	0.0	
100	QPSK	1	137	23.56	23.61	23.53			
100	QPSK	1	271	22.31	22.49	22.37			
100	QPSK	135	0	23.27	23.43	23.28	24.0	0.0	
100	QPSK	135	69	23.28	23.49	23.33	24.0	0.0	
100	QPSK	135	135	23.35	23.37	23.20	24.0	0.0	
100	QPSK	270	0	23.25	23.37	23.18			
100	16QAM	1	1	22.31	22.33	22.32	24.0	0.0	
100	64QAM	1	1	22.81	22.85	22.83	23.5	0.5	
100	256QAM	1	1	21.26	21.15	21.13	21.5	2.5	
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dB)	(dB)	
90	QPSK	1	123	22.95	23.25	23.05	24.0	0.0	
Channel				643334	650000	656668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dB)	(dB)	
80	QPSK	1	109	22.96	23.21	23.20	24.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dB)	(dB)	
60	QPSK	1	81	22.99	23.11	23.22	24.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dB)	(dB)	
50	QPSK	1	67	23.02	23.27	23.08	24.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3720	3840	3960	(dB)	(dB)	
40	QPSK	1	53	23.11	23.11	23.05	24.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dB)	(dB)	
20	QPSK	1	26	23.04	23.25	23.17	24.0	0.0	
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3707.62	3840	3972.51	(dB)	(dB)	
15	QPSK	1	19	23.05	23.11	23.22	24.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3705	3840	3975	(dB)	(dB)	
10	QPSK	1	12	23.10	23.13	23.18	24.0	0.0	

Par270 n77 PC2 Ant3 Default power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	25.58	25.67	25.63	27.0	0.0	
100	PI/2 BPSK	1	137	26.27	26.34	26.22			
100	PI/2 BPSK	1	271	25.52	25.63	25.50			
100	PI/2 BPSK	135	0	26.32	26.48	26.35	26.5	0.5	
100	PI/2 BPSK	135	69	26.39	26.47	26.36	27.0	0.0	
100	PI/2 BPSK	135	135	26.37	26.40	26.37	26.5	0.5	
100	PI/2 BPSK	270	0	26.29	26.42	26.35			
100	QPSK	1	1	25.72	25.84	25.70	27.0	0.0	
100	QPSK	1	137	26.38	26.50	26.48			
100	QPSK	1	271	25.55	25.52	25.55			
100	QPSK	135	0	25.63	25.84	25.66	26.0	1.0	
100	QPSK	135	69	26.33	26.44	26.24	27.0	0.0	
100	QPSK	135	135	25.55	25.52	25.77	26.0	1.0	
100	QPSK	270	0	25.68	25.69	25.59			
100	16QAM	1	1	25.55	25.58	25.58	26.0	1.0	
100	64QAM	1	1	23.83	23.83	23.87	24.5	2.5	
100	256QAM	1	1	21.91	21.94	21.86	22.5	4.5	
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dB)	(dB)	
90	QPSK	1	123	26.10	26.36	26.24	27.0	0.0	
Channel				643334	650000	656668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dB)	(dB)	
80	QPSK	1	109	26.21	26.41	26.22	27.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dB)	(dB)	
60	QPSK	1	81	26.20	26.31	26.24	27.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dB)	(dB)	
50	QPSK	1	67	26.13	26.39	26.26	27.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3720	3840	3960	(dB)	(dB)	
40	QPSK	1	53	26.23	26.27	26.23	27.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dB)	(dB)	
20	QPSK	1	26	26.11	26.38	26.19	27.0	0.0	
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3707.62	3840	3972.51	(dB)	(dB)	
15	QPSK	1	19	26.27	26.29	26.19	27.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3705	3840	3975	(dB)	(dB)	
10	QPSK	1	12	26.28	26.30	26.22	27.0	0.0	

Part27Q n77 PC3 Ant3 Default power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334	633334	3500.01			
Frequency (MHz)									
100	PI/2 BPSK	1	1		22.73		24.0	0.0	
100	PI/2 BPSK	1	137		23.44				
100	PI/2 BPSK	1	271		22.53				
100	PI/2 BPSK	135	0		23.32		24.0	0.0	
100	PI/2 BPSK	135	69		23.37		24.0	0.0	
100	PI/2 BPSK	135	135		23.38		24.0	0.0	
100	PI/2 BPSK	270	0		23.46				
100	QPSK	1	1		22.65		24.0	0.0	
100	QPSK	1	137		23.50				
100	QPSK	1	271		22.49				
100	QPSK	135	0		23.40		24.0	0.0	
100	QPSK	135	69		23.42		24.0	0.0	
100	QPSK	135	135		23.35		24.0	0.0	
100	QPSK	270	0		23.40				
100	16QAM	1	1		22.40		24.0	0.0	
100	64QAM	1	1		22.95		23.5	0.5	
100	256QAM	1	1		21.21		21.5	2.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)	
90	QPSK	1	123		23.28	23.27	23.19	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)	
80	QPSK	1	109		23.26	23.15	23.22	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)	
60	QPSK	1	81		23.22	23.20	23.28	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)	
50	QPSK	1	67		23.17	23.16	23.15	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)	
40	QPSK	1	53		23.11	23.10	23.29	24.0	0.0
Channel				630968	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
20	QPSK	1	26		23.12	23.17	23.18	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)	
15	QPSK	1	19		23.14	23.13	23.16	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)	
10	QPSK	1	12		23.29	23.30	23.28	24.0	0.0



Part27Q n77 PC2 Ant3 Default power										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPPR (dB)		
Channel				633334			3500.01			
Frequency (MHz)										
100	PI/2 BPSK	1	1		25.64		27.0	0.0		
100	PI/2 BPSK	1	137		26.16					
100	PI/2 BPSK	1	271		25.53					
100	PI/2 BPSK	135	0		26.06		26.5	0.5		
100	PI/2 BPSK	135	69		26.17					
100	PI/2 BPSK	135	138		26.09					
100	PI/2 BPSK	270	0		26.13		26.5	0.5		
100	QPSK	1	1		25.91					
100	QPSK	1	137		26.24					
100	QPSK	1	271		25.46		27.0	0.0		
100	QPSK	135	0		25.47					
100	QPSK	135	69		26.19					
100	QPSK	135	138		25.45		26.0	1.0		
100	QPSK	270	0		25.64					
100	16QAM	1	1		24.65					
100	64QAM	1	1		23.59		24.5	2.5		
100	256QAM	1	1		21.85					
100	256QAM	1	1							
Channel				633000	633334	633668	Tune-up limit	MPPR		
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)		
90	QPSK	1	123		25.73	25.79	25.82	27.0	0.0	
Channel				633668	633334	633000	Tune-up limit	MPPR		
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)		
80	QPSK	1	109		25.77	25.87	25.89	27.0	0.0	
Channel				632000	633334	634668	Tune-up limit	MPPR		
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)		
60	QPSK	1	81		25.77	25.83	25.75	27.0	0.0	
Channel				631668	633334	635000	Tune-up limit	MPPR		
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)		
50	QPSK	1	67		25.69	25.76	25.78	27.0	0.0	
Channel				631334	633334	635334	Tune-up limit	MPPR		
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)		
40	QPSK	1	53		25.80	25.84	25.75	27.0	0.0	
Channel				630668	633334	636000	Tune-up limit	MPPR		
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)		
20	QPSK	1	26		25.70	25.69	25.77	27.0	0.0	
Channel				630500	633334	636168	Tune-up limit	MPPR		
Frequency (MHz)				3459.5	3500.01	3542.52	(dBm)	(dB)		
15	QPSK	1	19		25.87	25.80	25.80	27.0	0.0	
Channel				630334	633334	636334	Tune-up limit	MPPR		
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)		
10	QPSK	1	12		25.79	25.79	25.86	27.0	0.0	

Part27Q n78 PC3 Ant3 Default power										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				3750						
Frequency (MHz)										
100	PI/2 BPSK	1	1		22.52		24.0	0.0		
100	PI/2 BPSK	1	137		23.49					
100	PI/2 BPSK	1	271		22.57					
100	PI/2 BPSK	135	0		23.46		24.0	0.0		
100	PI/2 BPSK	135	69		23.51					
100	PI/2 BPSK	135	138		23.47					
100	PI/2 BPSK	270	0		23.41		24.0	0.0		
100	QPSK	1	1		22.60					
100	QPSK	1	137		23.53					
100	QPSK	1	271		22.62		24.0	0.0		
100	QPSK	135	0		23.45					
100	QPSK	135	69		23.51					
100	QPSK	135	138		23.50		24.0	0.0		
100	QPSK	270	0		23.50					
100	16QAM	1	1		22.32					
100	64QAM	1	1		22.93		23.5	0.5		
100	256QAM	1	1		21.10					
100	256QAM	1	1							
Channel				649668	650000	650334	Tune-up limit	MPR		
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)		
90	QPSK	1	123		23.42	23.32	23.47	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR		
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)		
80	QPSK	1	109		23.32	23.37	23.39	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR		
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)		
60	QPSK	1	81		23.35	23.27	23.29	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR		
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)		
50	QPSK	1	67		23.36	23.33	23.43	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR		
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)		
40	QPSK	1	53		23.45	23.37	23.38	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR		
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)		
20	QPSK	1	26		23.44	23.33	23.32	24.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR		
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)		
15	QPSK	1	19		23.32	23.28	23.37	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR		
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)		
10	QPSK	1	12		23.34	23.46	23.47	24.0	0.0	

Part27Q n78 PC2 Ant3 Default power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				650000			3750		
Frequency (MHz)									
100	PI/2 BPSK	1	1		25.92		27.0	0.0	
100	PI/2 BPSK	1	137		26.40				
100	PI/2 BPSK	1	271		25.88				
100	PI/2 BPSK	135	0		26.09		26.5	0.5	
100	PI/2 BPSK	135	69		26.39		27.0	0.0	
100	PI/2 BPSK	135	138		26.03		26.5	0.5	
100	PI/2 BPSK	270	0		25.97				
100	QPSK	1	1		26.03				
100	QPSK	1	137		26.43		27.0	0.0	
100	QPSK	1	271		25.95				
100	QPSK	135	0		26.12		26.0	1.0	
100	QPSK	135	69		26.40		27.0	0.0	
100	QPSK	135	138		25.45		26.0	1.0	
100	QPSK	270	0		25.99		26.0	1.0	
100	16QAM	1	1		24.83		26.0	1.0	
100	64QAM	1	1		23.87		24.5	2.5	
100	256QAM	1	1		21.98		22.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3745.02	3750	3755.01	(dbm)		
90	QPSK	1	123	26.33	26.16	26.30	27.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3740.01	3750	3760.02	(dbm)		
80	QPSK	1	109	26.23	26.26	26.24	27.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3730.02	3750	3770.01	(dbm)		
60	QPSK	1	81	26.31	26.17	26.33	27.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3725.01	3750	3775.02	(dbm)		
50	QPSK	1	67	26.19	26.15	26.26	27.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3720	3750	3780	(dbm)		
40	QPSK	1	53	26.26	26.21	26.30	27.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3710.01	3750	3790.02	(dbm)		
20	QPSK	1	26	26.21	26.27	26.28	27.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3707.52	3750	3792.51	(dbm)		
15	QPSK	1	19	26.32	26.15	26.21	27.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3705	3750	3795	(dbm)		
10	QPSK	1	12	26.18	26.17	26.26	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				633334	3500.01			
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	22.33				
100	PI/2 BPSK	1	137	23.12			24.0	0.0
100	PI/2 BPSK	1	271	22.27				
100	PI/2 BPSK	135	0	23.20				
100	PI/2 BPSK	135	69	23.20			24.0	0.0
100	PI/2 BPSK	135	138	23.02				
100	PI/2 BPSK	270	0	23.06			24.0	0.0
100	QPSK	1	1	22.38				
100	QPSK	1	137	23.24			24.0	0.0
100	QPSK	1	271	22.27				
100	QPSK	135	0	23.15				
100	QPSK	135	69	23.19			24.0	0.0
100	QPSK	135	138	23.07				
100	QPSK	270	0	23.12			24.0	0.0
100	16QAM	1	1	22.14			24.0	0.0
100	64QAM	1	1	22.79			23.5	0.5
100	256QAM	1	1	20.80			21.5	2.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	123	23.01	23.03	23.03	24.0	0.0
Channel				633068	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	109	22.99	22.98	23.00	24.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	81	22.99	22.94	22.95	24.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	67	22.90	22.90	22.94	24.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	53	22.85	23.00	22.96	24.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	26	22.87	22.94	23.05	24.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	19	23.04	22.87	23.05	24.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	12	23.05	22.88	22.88	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				633334	3500.01			
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	25.68				
100	PI/2 BPSK	1	137	26.06			27.0	0.0
100	PI/2 BPSK	1	271	25.56				
100	PI/2 BPSK	135	0	25.96			26.5	0.5
100	PI/2 BPSK	135	69	26.21			27.0	0.0
100	PI/2 BPSK	135	138	25.91			26.5	0.5
100	PI/2 BPSK	270	0	25.88				
100	QPSK	1	1	25.67				
100	QPSK	1	137	26.23			27.0	0.0
100	QPSK	1	271	25.92				
100	QPSK	135	0	25.42			26.0	1.0
100	QPSK	135	69	26.20			27.0	0.0
100	QPSK	135	138	25.42			26.0	1.0
100	QPSK	270	0	25.41			26.0	1.0
100	16QAM	1	1	24.83			24.5	2.5
100	64QAM	1	1	23.57			24.5	2.5
100	256QAM	1	1	21.85			22.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	123	26.06	26.07	26.01	27.0	0.0
Channel				632068	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	109	25.99	25.99	26.05	27.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	81	26.11	26.09	26.09	27.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	67	25.97	26.13	26.10	27.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	53	26.14	26.10	26.00	27.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	26	26.01	26.12	26.13	27.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	19	25.89	26.11	26.09	27.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	12	26.03	25.96	26.12	27.0	0.0

n5 Ant4 Default power								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166500	167300	167600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	838		
20	PI/2 BPSK	1	1	23.94	24.14	24.11	25.5	0.0
20	PI/2 BPSK	1	26	23.95	24.04	23.86		
20	PI/2 BPSK	1	49	23.74	23.96	23.83		
20	PI/2 BPSK	25	0	23.47	23.64	23.50	25.0	0.5
20	PI/2 BPSK	25	13	24.07	24.10	23.94	25.5	0.0
20	PI/2 BPSK	25	26	23.50	23.61	23.42	25.0	0.5
20	PI/2 BPSK	50	0	23.54	23.67	23.64		
20	QPSK	1	1	24.03	24.22	24.20		
20	QPSK	1	26	24.03	24.06	23.92	25.5	0.0
20	QPSK	1	49	23.82	23.96	23.74		
20	QPSK	25	0	22.92	23.13	23.02	24.5	1.0
20	QPSK	25	13	23.87	24.08	23.86	25.5	0.0
20	QPSK	25	26	22.91	23.05	22.98	24.5	1.0
20	QPSK	50	0	22.87	23.10	22.91		
20	16QAM	1	1	22.58	22.65	22.52	24.5	1.0
20	64QAM	1	1	21.10	21.20	21.02	23.0	2.5
20	256QAM	1	1	19.73	19.75	19.58	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	23.95	24.11	24.13	25.5	0.0
Channel				135600	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826	836.5	844	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	24.02	24.16	24.09	25.5	0.0

n7 Ant4 Default power								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.69	24.91	24.88	25.5	0.0
20	PI/2 BPSK	1	26	24.85	24.86	24.84		
20	PI/2 BPSK	1	49	24.69	24.73	24.51		
20	PI/2 BPSK	25	0	24.36	24.44	24.37	25.0	0.5
20	PI/2 BPSK	25	13	24.89	24.89	24.71	25.5	0.0
20	PI/2 BPSK	25	26	24.12	24.36	24.28	25.0	0.5
20	PI/2 BPSK	50	0	24.26	24.41	24.40		
20	QPSK	1	1	24.90	24.95	24.84		
20	QPSK	1	26	24.83	24.83	24.74	25.5	0.0
20	QPSK	1	49	24.74	24.84	24.63		
20	QPSK	25	0	23.79	23.92	23.85	24.5	1.0
20	QPSK	25	13	24.65	24.76	24.59	25.5	0.0
20	QPSK	25	26	23.84	23.86	23.65	24.5	1.0
20	QPSK	50	0	23.69	23.67	23.66		
20	16QAM	1	1	23.72	23.72	23.61	24.5	1.0
20	64QAM	1	1	22.27	22.36	22.13	23.0	2.5
20	256QAM	1	1	20.65	20.74	20.60	21.0	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	24.86	24.84	24.66	25.5	0.0
Channel				501000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	24.82	24.79	24.80	25.5	0.0



n38 Ant4 Default power								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PV2 BPSK	1	1	24.31	24.47	24.48		
20	PV2 BPSK	1	26	24.21	24.36	24.25	25.5	0.0
20	PV2 BPSK	1	49	24.30	24.41	24.26		
20	PV2 BPSK	25	0	23.78	23.92	23.72	25.0	0.5
20	PV2 BPSK	25	13	24.29	24.40	24.30	25.5	0.0
20	PV2 BPSK	25	26	23.94	23.96	23.82		
20	PV2 BPSK	50	0	23.86	24.02	23.96	25.0	0.5
20	QPSK	1	1	24.36	24.51	24.23		
20	QPSK	1	26	24.33	24.45	24.07	25.5	0.0
20	QPSK	1	49	24.37	24.29	24.21		
20	QPSK	25	0	23.50	23.53	23.39	24.5	1.0
20	QPSK	25	13	24.24	24.43	24.30	25.5	0.0
20	QPSK	25	26	23.51	23.63	23.69		
20	QPSK	50	0	23.56	23.61	23.60	24.5	1.0
20	16QAM	1	1	23.60	23.57	23.54	24.5	1.0
20	64QAM	1	1	22.11	22.23	22.16	23.0	2.5
20	256QAM	1	1	20.18	20.16	20.07	21.0	4.5
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PV2 BPSK	1	1	24.31	24.41	24.19	25.5	0.0
Channel				513504	519000	520996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PV2 BPSK	1	1	24.27	24.35	24.10	25.5	0.0

n41 PC3 Ant4 Default power								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	526000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PV2 BPSK	1	1	23.30	23.36	23.15		
100	PV2 BPSK	1	137	24.18	24.30	24.20	24.5	0.0
100	PV2 BPSK	1	271	23.42	23.54	23.43		
100	PV2 BPSK	135	0	24.05	24.14	24.00	24.5	0.0
100	PV2 BPSK	135	69	24.22	24.29	24.07	24.5	0.0
100	PV2 BPSK	135	138	24.17	24.22	24.03		
100	PV2 BPSK	270	0	24.05	24.15	24.02	24.5	0.0
100	QPSK	1	1	23.19	23.24	23.17		
100	QPSK	1	137	24.10	24.31	24.23	24.5	0.0
100	QPSK	1	271	23.40	23.42	23.41		
100	QPSK	135	0	24.05	24.07	23.98	24.5	0.0
100	QPSK	135	69	24.13	24.30	24.25	24.5	0.0
100	QPSK	135	138	24.08	24.25	24.19	24.5	0.0
100	QPSK	270	0	23.92	24.12	24.00		
100	16QAM	1	1	23.12	23.17	23.05	24.5	0.0
100	64QAM	1	1	22.76	22.83	22.76	23.0	1.5
100	256QAM	1	1	20.66	20.71	20.68	21.0	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	24.04	24.22	24.11	24.5	0.0
Channel				507204	518598	529996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	24.15	24.01	24.03	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	24.11	24.15	24.07	24.5	0.0
Channel				504204	518598	532996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	24.14	24.00	24.14	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	24.01	24.13	24.08	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	24.12	24.02	24.04	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2692.43		
15	QPSK	1	19	24.17	24.16	24.01	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	24.14	24.12	24.16	24.5	0.0

n41 PC2 Ant4 Default power								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506022	518598	526000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2546.01	2592.99	2640		
100	PV2 BPSK	1	1	23.21	23.44	23.25		
100	PV2 BPSK	1	137	24.66	24.78	24.75	26.0	0.0
100	PV2 BPSK	1	271	23.86	24.04	23.99		
100	PV2 BPSK	135	0	24.25	24.34	24.26	25.5	0.5
100	PV2 BPSK	135	69	24.55	24.65	24.42	26.0	0.0
100	PV2 BPSK	135	138	24.55	24.62	24.57		
100	PV2 BPSK	270	0	24.28	24.47	24.39	25.5	0.5
100	QPSK	1	1	23.40	23.47	23.30		
100	QPSK	1	137	24.60	24.83	24.79	26.0	0.0
100	QPSK	1	271	23.89	24.11	23.99		
100	QPSK	135	0	23.38	23.48	23.33	25.0	1.0
100	QPSK	135	69	24.76	24.78	24.66	26.0	0.0
100	QPSK	135	138	23.59	23.75	23.69	25.0	1.0
100	QPSK	270	0	23.48	23.69	23.52		
100	16QAM	1	1	23.49	23.64	23.63	25.0	1.0
100	64QAM	1	1	21.90	22.10	22.06	23.5	2.5
100	256QAM	1	1	20.27	20.28	20.05	21.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	24.32	24.46	24.06	26.0	0.0
Channel				507204	518598	529996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	24.22	24.47	24.07	26.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	24.30	24.47	24.20	26.0	0.0
Channel				504204	518598	532996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	24.21	24.39	24.07	26.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	24.83	24.42	24.11	26.0	0.0
Channel				501204	518598	535996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	24.25	24.31	24.11	26.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2692.43		
15	QPSK	1	19	24.37	24.29	24.13	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	24.34	24.31	24.09	26.0	0.0



Par270 n77 PC3 Ant5 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				656000	666000	662000	17.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	15.50	15.52	15.39	17.0	0.0	
100	PI/2 BPSK	1	137	15.49	15.48	15.38			
100	PI/2 BPSK	1	271	15.40	15.55	15.30			
100	PI/2 BPSK	135	0	15.49	15.47	15.42			
100	PI/2 BPSK	135	69	15.41	15.45	15.31	17.0	0.0	
100	PI/2 BPSK	135	138	15.39	15.43	15.36	17.0	0.0	
100	PI/2 BPSK	270	0	15.38	15.54	15.40			
100	QPSK	1	1	15.45	15.49	15.33	17.0	0.0	
100	QPSK	1	137	15.55	15.59	15.45			
100	QPSK	1	271	15.46	15.44	15.40			
100	QPSK	135	0	15.42	15.45	15.36			
100	QPSK	135	69	15.41	15.53	15.39	17.0	0.0	
100	QPSK	135	138	15.51	15.47	15.35	17.0	0.0	
100	QPSK	270	0	15.49	15.53	15.30	17.0	0.0	
100	16QAM	1	1	15.39	15.48	15.42			
100	64QAM	1	1	15.44	15.49	15.31			
100	256QAM	1	1	15.46	15.42	15.35			
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	17.0	0.0	
90	QPSK	1	123	15.49	15.53	15.29		0.0	
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	17.0	0.0	
80	QPSK	1	109	15.48	15.50	15.36		0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	17.0	0.0	
60	QPSK	1	81	15.43	15.49	15.35		0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	17.0	0.0	
50	QPSK	1	67	15.50	15.54	15.31		0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	17.0	0.0	
40	QPSK	1	53	15.52	15.51	15.34		0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	17.0	0.0	
20	QPSK	1	26	15.41	15.44	15.29		0.0	
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	17.0	0.0	
15	QPSK	1	19	15.52	15.44	15.31		0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	17.0	0.0	
10	QPSK	1	12	15.41	15.48	15.29		0.0	

Part27Q n77 PC3 Ant5 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1	15.46			17.0	0.0	
100	PI/2 BPSK	1	137	15.37					
100	PI/2 BPSK	1	271	15.38					
100	PI/2 BPSK	135	0	15.44					
100	PI/2 BPSK	135	69	15.39			17.0	0.0	
100	PI/2 BPSK	135	138	15.44					
100	PI/2 BPSK	270	0	15.39			17.0	0.0	
100	QPSK	1	1	15.32					
100	QPSK	1	137	15.48					
100	QPSK	1	271	15.43					
100	QPSK	135	0	15.36			17.0	0.0	
100	QPSK	135	69	15.40					
100	QPSK	135	138	15.37					
100	QPSK	270	0	15.36					
100	16QAM	1	1	15.45			17.0	0.0	
100	64QAM	1	1	15.45			17.0	0.0	
100	256QAM	1	1	15.44			17.0	0.0	
Channel				633000	633334	633668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3495	3500.01	3505.02	17.0	0.0	
90	QPSK	1	123	15.39	15.26	15.34			
Channel				632668	633334	634000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3490.02	3500.01	3510	17.0	0.0	
80	QPSK	1	109	15.35	15.29	15.40			
Channel				632000	633334	634668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3480	3500.01	3520.02	17.0	0.0	
60	QPSK	1	81	15.27	15.24	15.44			
Channel				631668	633334	635000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3475.02	3500.01	3525	17.0	0.0	
50	QPSK	1	67	15.39	15.29	15.44			
Channel				631334	633334	635334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3470.01	3500.01	3530.01	17.0	0.0	
40	QPSK	1	53	15.28	15.29	15.34			
Channel				630668	633334	636000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3460.02	3500.01	3540	17.0	0.0	
20	QPSK	1	26	15.37	15.24	15.43			
Channel				630500	633334	636168	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3457.5	3500.01	3542.52	17.0	0.0	
15	QPSK	1	19	15.32	15.37	15.41			
Channel				630334	633334	636334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3455.01	3500.01	3545.01	17.0	0.0	
10	QPSK	1	12	15.32	15.37	15.34			

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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				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		15.44			
100	PI/2 BPSK	1	137		15.46		17.0	0.0
100	PI/2 BPSK	1	271		15.44			
100	PI/2 BPSK	135	0		15.42		17.0	0.0
100	PI/2 BPSK	135	69		15.44		17.0	0.0
100	PI/2 BPSK	135	138		15.44			
100	PI/2 BPSK	270	0		15.43		17.0	0.0
100	QPSK	1	1		15.40			
100	QPSK	1	137		15.53		17.0	0.0
100	QPSK	1	271		15.50			
100	QPSK	135	0		15.42		17.0	0.0
100	QPSK	135	69		15.45		17.0	0.0
100	QPSK	135	138		15.38		17.0	0.0
100	QPSK	270	0		15.40			
100	16QAM	0	1		15.49		17.0	0.0
100	64QAM	1	1		15.39		17.0	0.0
100	256QAM	1	1		15.42		17.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	123		15.52	15.49	15.47	17.0 0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	109		15.39	15.49	15.48	17.0 0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	81		15.41	15.48	15.41	17.0 0.0
Channel				641334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	67		15.48	15.50	15.47	17.0 0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	53		15.48	15.43	15.49	17.0 0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	26		15.50	15.49	15.47	17.0 0.0
Channel				647168	650000	652834	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	19		15.43	15.45	15.42	17.0 0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	12		15.48	15.44	15.41	17.0 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				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		15.35			
100	PI/2 BPSK	1	137		15.30		17.0	0.0
100	PI/2 BPSK	1	271		15.30			
100	PI/2 BPSK	135	0		15.29			
100	PI/2 BPSK	135	69		15.32		17.0	0.0
100	PI/2 BPSK	135	138		15.29			
100	PI/2 BPSK	270	0		15.29		17.0	0.0
100	QPSK	1	1		15.33			
100	QPSK	1	137		15.38		17.0	0.0
100	QPSK	1	271		15.32			
100	QPSK	135	0		15.36			
100	QPSK	135	69		15.35		17.0	0.0
100	QPSK	135	138		15.29			
100	QPSK	270	0		15.30		17.0	0.0
100	16QAM	1	1		15.36		17.0	0.0
100	64QAM	1	1		15.31		17.0	0.0
100	256QAM	1	1		15.28		17.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	123		15.09	15.16	15.24	17.0 0.0
Channel				632568	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	109		15.22	15.22	15.31	17.0 0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	81		15.15	15.19	15.19	17.0 0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	67		15.12	15.27	15.28	17.0 0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	53		15.19	15.27	15.21	17.0 0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	26		15.19	15.23	15.20	17.0 0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.52	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	19		15.12	15.24	15.31	17.0 0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	12		15.21	15.23	15.29	17.0 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				656000	666000	666000	18.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.43	17.53	17.47	18.0	0.0
100	PI/2 BPSK	1	137	17.54	17.55	17.56		
100	PI/2 BPSK	1	271	17.45	17.56	17.53	18.0	0.0
100	PI/2 BPSK	135	0	17.47	17.54	17.56		
100	PI/2 BPSK	135	69	17.43	17.52	17.51	18.0	0.0
100	PI/2 BPSK	135	138	17.45	17.53	17.56		
100	PI/2 BPSK	270	0	17.49	17.54	17.50	18.0	0.0
100	QPSK	1	1	17.45	17.47	17.49		
100	QPSK	1	137	17.49	17.57	17.49	18.0	0.0
100	QPSK	1	271	17.46	17.46	17.44		
100	QPSK	135	0	17.52	17.52	17.50	18.0	0.0
100	QPSK	135	69	17.44	17.54	17.46		
100	QPSK	135	138	17.46	17.48	17.48	18.0	0.0
100	QPSK	270	0	17.51	17.56	17.44		
100	16QAM	1	1	17.46	17.52	17.56	18.0	0.0
100	64QAM	1	1	17.49	17.52	17.56		
100	256QAM	1	1	17.50	17.56	17.44	18.0	0.0
Channel				648668	656000	662334		
Frequency (MHz)				3745.02	3840	3935.01	18.0	0.0
90	QPSK	1	123	17.46	17.50	17.50		
Channel				648334	656000	662668	18.0	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	17.53	17.59	17.48	18.0	0.0
Channel				648668	656000	663334		
Frequency (MHz)				3730.02	3840	3950.01	18.0	0.0
60	QPSK	1	81	17.50	17.56	17.44		
Channel				648334	656000	663668	18.0	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	17.50	17.57	17.49	18.0	0.0
Channel				648000	656000	664000		
Frequency (MHz)				3720	3840	3960	18.0	0.0
40	QPSK	1	53	17.41	17.54	17.53		
Channel				647334	656000	664668	18.0	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	17.55	17.52	17.55	18.0	0.0
Channel				647168	656000	664834		
Frequency (MHz)				3707.52	3840	3972.51	18.0	0.0
15	QPSK	1	19	17.48	17.53	17.46		
Channel				647000	656000	665000	18.0	0.0
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	17.55	17.48	17.44	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				633000	633334	633668	18.0	0.0
Frequency (MHz)				3500.01	3500.01	3500.01		
100	PI/2 BPSK	1	1	16.47			18.0	0.0
100	PI/2 BPSK	1	137	16.46				
100	PI/2 BPSK	1	271	16.42			18.0	0.0
100	PI/2 BPSK	135	0	16.37				
100	PI/2 BPSK	135	69	16.40			18.0	0.0
100	PI/2 BPSK	135	138	16.41				
100	PI/2 BPSK	270	0	16.40			18.0	0.0
100	QPSK	1	1	16.44				
100	QPSK	1	137	16.48			18.0	0.0
100	QPSK	1	271	16.40				
100	QPSK	135	0	16.37			18.0	0.0
100	QPSK	135	69	16.40				
100	QPSK	135	138	16.30			18.0	0.0
100	QPSK	270	0	16.42				
100	16QAM	1	1	16.39			18.0	0.0
100	64QAM	1	1	16.44				
100	256QAM	1	1	16.37			18.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02	18.0	0.0
90	QPSK	1	123	16.38	16.46	16.39		
Channel				632668	633334	634000	18.0	0.0
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	16.33	16.37	16.29	18.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02	18.0	0.0
60	QPSK	1	81	16.33	16.36	16.28		
Channel				631668	633334	635000	18.0	0.0
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	16.34	16.39	16.36	18.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01	18.0	0.0
40	QPSK	1	53	16.29	16.40	16.25		
Channel				630668	633334	636000	18.0	0.0
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	16.25	16.40	16.25	18.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52	18.0	0.0
15	QPSK	1	19	16.23	16.40	16.25		
Channel				630334	633334	636334	18.0	0.0
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	16.30	16.36	16.29	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				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		17.52		18.0	0.0
100	PI/2 BPSK	1	137		17.48			
100	PI/2 BPSK	1	271		17.42			
100	PI/2 BPSK	135	0		17.46		18.0	0.0
100	PI/2 BPSK	135	69		17.46		18.0	0.0
100	PI/2 BPSK	135	138		17.43		18.0	0.0
100	PI/2 BPSK	270	0		17.50			
100	QPSK	1	1		17.41		18.0	0.0
100	QPSK	1	137		17.55			
100	QPSK	1	271		17.48			
100	QPSK	135	0		17.38		18.0	0.0
100	QPSK	135	69		17.45		18.0	0.0
100	QPSK	135	138		17.44		18.0	0.0
100	QPSK	270	0		17.42		18.0	0.0
100	16QAM	0	1		17.44			
100	64QAM	1	1		17.50			
100	256QAM	1	1		17.48		18.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	123		17.50	17.46	18.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	109		17.37	17.29	17.37	18.0 0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	81		17.38	17.33	17.30	18.0 0.0
Channel				643334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	67		17.45	17.30	17.37	18.0 0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	53		17.39	17.42	17.35	18.0 0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	26		17.43	17.42	17.34	18.0 0.0
Channel				647168	650000	652834	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.61	(dBm)	(dB)
15	QPSK	1	19		17.45	17.37	17.41	18.0 0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	12		17.41	17.40	17.29	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				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		16.40		18.0	0.0
100	PI/2 BPSK	1	137		16.31			
100	PI/2 BPSK	1	271		16.35			
100	PI/2 BPSK	135	0		16.41		18.0	0.0
100	PI/2 BPSK	135	69		16.30			
100	PI/2 BPSK	135	138		16.38		18.0	0.0
100	PI/2 BPSK	270	0		16.28			
100	QPSK	1	1		16.36		18.0	0.0
100	QPSK	1	137		16.42			
100	QPSK	1	271		16.36			
100	QPSK	135	0		16.37		18.0	0.0
100	QPSK	135	69		16.41			
100	QPSK	135	138		16.39		18.0	0.0
100	QPSK	270	0		16.30			
100	16QAM	1	1		16.38			
100	64QAM	1	1		16.40		18.0	0.0
100	256QAM	1	1		16.38		18.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	123		16.32	16.33	16.39	18.0 0.0
Channel				632968	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	109		16.23	16.17	16.31	18.0 0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	81		16.20	16.24	16.24	18.0 0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	67		16.25	16.23	16.27	18.0 0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	53		16.24	16.29	16.31	18.0 0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	26		16.17	16.21	16.22	18.0 0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	19		16.24	16.24	16.34	18.0 0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	12		16.27	16.20	16.23	18.0 0.0

Reduced power level for 5G NR DSI4

n5 Ant1 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	22.95	23.16	23.09	24.5	0.0	
20	PI/2 BPSK	1	25	22.96	23.09	23.05			
20	PI/2 BPSK	1	49	23.00	23.12	23.17			
20	PI/2 BPSK	25	0	23.01	23.05	23.16	24.5	0.0	
20	PI/2 BPSK	25	13	22.84	23.20	23.19	24.5	0.0	
20	PI/2 BPSK	25	26	23.00	23.15	23.11	24.5	0.0	
20	PI/2 BPSK	50	0	22.90	23.06	23.09			
20	QPSK	1	1	22.80	23.22	23.08			
20	QPSK	1	25	22.90	23.12	23.10	24.5	0.0	
20	QPSK	1	49	22.81	23.16	23.09			
20	QPSK	25	0	22.94	23.10	23.05	24.5	0.0	
20	QPSK	25	13	22.95	23.21	23.13	24.5	0.0	
20	QPSK	25	26	22.86	23.06	23.10	24.5	0.0	
20	QPSK	50	0	22.89	23.19	23.02			
20	16QAM	1	1	22.80	23.09	23.00	24.5	0.0	
20	64QAM	1	1	21.30	21.78	21.68	23.0	1.5	
20	256QAM	1	1	19.74	20.26	19.98	21.0	3.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.60	23.16	22.92	24.5	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.62	23.19	23.01	24.5	0.0	

n7 Ant1 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	18.15	18.50	18.27	19.5	0.0	
20	PI/2 BPSK	1	26	18.18	18.38	18.22			
20	PI/2 BPSK	1	49	18.20	18.36	18.32			
20	PI/2 BPSK	25	0	18.21	18.53	18.34	19.5	0.0	
20	PI/2 BPSK	25	13	18.24	18.35	18.33	19.5	0.0	
20	PI/2 BPSK	25	26	18.39	18.51	18.29	19.5	0.0	
20	PI/2 BPSK	50	0	18.28	18.54	18.29	19.5	0.0	
20	QPSK	1	1	18.39	18.55	18.23	19.5	0.0	
20	QPSK	1	26	18.36	18.44	18.41			
20	QPSK	1	49	18.16	18.33	18.34			
20	QPSK	25	0	18.28	18.33	18.28	19.5	0.0	
20	QPSK	25	13	18.33	18.51	18.25	19.5	0.0	
20	QPSK	25	26	18.31	18.43	18.24	19.5	0.0	
20	QPSK	50	0	18.36	18.46	18.25	19.5	0.0	
20	16QAM	1	1	18.35	18.46	18.43	19.5	0.0	
20	64QAM	1	1	18.22	18.36	18.37	19.5	0.0	
20	256QAM	1	1	18.18	18.35	18.43	19.5	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.37	18.48	18.31	19.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	18.24	18.44	18.41	19.5	0.0	



n38 Ant1 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516000	518000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610			
20	PI/2 BPSK	1	1	18.41	18.65	18.45	20.0	0.0	
20	PI/2 BPSK	1	26	18.38	18.56	18.63			
20	PI/2 BPSK	1	49	18.39	18.54	18.48			
20	PI/2 BPSK	25	0	18.32	18.51	18.62	20.0	0.0	
20	PI/2 BPSK	25	13	18.47	18.70	18.44	20.0	0.0	
20	PI/2 BPSK	25	26	18.54	18.68	18.50	20.0	0.0	
20	PI/2 BPSK	50	0	18.50	18.61	18.63			
20	QPSK	1	1	18.36	18.72	18.45			
20	QPSK	1	26	18.47	18.68	18.65	20.0	0.0	
20	QPSK	1	49	18.41	18.62	18.44			
20	QPSK	25	0	18.43	18.58	18.58			
20	QPSK	25	13	18.34	18.68	18.67	20.0	0.0	
20	QPSK	25	26	18.32	18.70	18.52	20.0	0.0	
20	QPSK	50	0	18.38	18.66	18.48	20.0	0.0	
20	16QAM	1	1	18.47	18.68	18.65			
20	64QAM	1	1	18.50	18.62	18.48			
20	256QAM	1	1	18.42	18.55	18.54	20.0	0.0	
Channel				515902	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	PI/2 BPSK	1	1	18.45	18.69	18.51	20.0	0.0	
Channel				515004	518000	522596	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	PI/2 BPSK	1	1	18.47	18.57	18.63	20.0	0.0	

n41 PC2&3 Ant1 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				508202	518898	528000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	18.77	18.92	18.67	19.5	0.0	
100	PI/2 BPSK	1	137	18.67	18.79	18.66			
100	PI/2 BPSK	1	271	18.74	18.90	18.55			
100	PI/2 BPSK	135	0	18.75	18.84	18.62	19.5	0.0	
100	PI/2 BPSK	135	69	18.69	18.73	18.58	19.5	0.0	
100	PI/2 BPSK	135	138	18.70	18.89	18.58	19.5	0.0	
100	PI/2 BPSK	270	0	18.76	18.94	18.67			
100	QPSK	1	1	18.59	18.85	18.65			
100	QPSK	1	137	18.74	18.95	18.53	19.5	0.0	
100	QPSK	1	271	18.79	18.87	18.57			
100	QPSK	135	0	18.61	18.81	18.57	19.5	0.0	
100	QPSK	135	69	18.77	18.84	18.58	19.5	0.0	
100	QPSK	135	138	18.78	18.75	18.67	19.5	0.0	
100	QPSK	270	0	18.75	18.80	18.67			
100	16QAM	1	1	18.77	18.82	18.65	19.5	0.0	
100	64QAM	1	1	18.72	18.76	18.70	19.5	0.0	
100	256QAM	1	1	18.65	18.92	18.72	19.5	0.0	
Channel				508200	518898	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	123	18.62	18.67	18.73	19.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2538.02	2592.99	2649.99			
80	QPSK	1	109	18.71	18.93	18.71	19.5	0.0	
Channel				506200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	81	18.57	18.50	18.61	19.5	0.0	
Channel				504204	518598	533998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2684.99			
50	QPSK	1	67	18.65	18.82	18.72	19.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	53	18.70	18.73	18.65	19.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	26	18.78	18.86	18.67	19.5	0.0	
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.02	2592.99	2682.02			
15	QPSK	1	19	18.75	18.85	18.65	19.5	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	12	18.76	18.75	18.53	19.5	0.0	

n7 Ant2 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.69	18.81	18.77	20.5	0.0
20	PI/2 BPSK	1	26	18.60	18.83	18.76		
20	PI/2 BPSK	1	49	18.55	18.64	18.72		
20	PI/2 BPSK	25	0	18.55	18.84	18.53		
20	PI/2 BPSK	25	13	18.70	18.82	18.76	20.5	0.0
20	PI/2 BPSK	25	26	18.51	18.70	18.62	20.5	0.0
20	PI/2 BPSK	50	0	18.76	18.67	18.64	20.5	0.0
20	QPSK	1	1	18.64	18.85	18.80		
20	QPSK	1	26	18.61	18.73	18.71		
20	QPSK	1	49	18.70	18.79	18.68		
20	QPSK	25	0	18.61	18.69	18.59	20.5	0.0
20	QPSK	25	13	18.62	18.71	18.55	20.5	0.0
20	QPSK	25	26	18.66	18.64	18.57	20.5	0.0
20	QPSK	50	0	18.64	18.70	18.82	20.5	0.0
20	16QAM	1	1	18.51	18.85	18.66	20.5	0.0
20	64QAM	1	1	18.77	18.81	18.60	20.5	0.0
20	256QAM	1	1	18.66	18.81	18.74	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.52	18.67	18.75	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.56	18.70	18.63	20.5	0.0



n38 Ant2 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516600	518000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610			
20	PI/2 BPSK	1	1	15.62	15.81	15.74	17.5	0.0	
20	PI/2 BPSK	1	26	15.55	15.80	15.66			
20	PI/2 BPSK	1	49	15.55	15.73	15.67	17.5	0.0	
20	PI/2 BPSK	25	0	15.62	15.68	15.64			
20	PI/2 BPSK	25	13	15.52	15.72	15.70	17.5	0.0	
20	PI/2 BPSK	25	26	15.63	15.80	15.81			
20	PI/2 BPSK	50	0	15.06	15.80	15.69	17.5	0.0	
20	QPSK	1	1	15.52	15.89	15.72			
20	QPSK	1	26	15.64	15.73	15.76	17.5	0.0	
20	QPSK	1	49	15.51	15.80	15.72			
20	QPSK	25	0	15.54	15.81	15.80	17.5	0.0	
20	QPSK	25	13	15.63	15.87	15.69			
20	QPSK	25	26	15.70	15.80	15.67	17.5	0.0	
20	QPSK	50	0	15.54	15.83	15.64			
20	16QAM	1	1	15.54	15.69	15.67	17.5	0.0	
20	64QAM	1	1	15.62	15.84	15.59			
20	256QAM	1	1	15.56	15.70	15.60	17.5	0.0	
Channel				515902	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49	Tune-up limit (dBm)	MPR (dB)	
15	PI/2 BPSK	1	1	15.53	15.78	15.78	17.5	0.0	
Channel				515004	519000	522596	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	PI/2 BPSK	1	1	15.73	15.77	15.72	17.5	0.0	

n41 PC2&33 Ant2 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				508202	518598	528000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	17.25	17.41	17.14	18.5	0.0	
100	PI/2 BPSK	1	137	17.21	17.34	17.17			
100	PI/2 BPSK	1	271	17.30	17.35	17.22	18.5	0.0	
100	PI/2 BPSK	135	0	17.25	17.41	17.08			
100	PI/2 BPSK	135	69	17.32	17.39	17.24	18.5	0.0	
100	PI/2 BPSK	135	138	17.15	17.44	17.16			
100	PI/2 BPSK	270	0	17.34	17.43	17.14	18.5	0.0	
100	QPSK	1	1	17.34	17.34	17.15			
100	QPSK	1	137	17.12	17.46	17.18	18.5	0.0	
100	QPSK	1	271	17.31	17.41	17.19			
100	QPSK	135	0	17.33	17.30	17.13	18.5	0.0	
100	QPSK	135	69	17.16	17.38	17.18			
100	QPSK	135	138	17.32	17.27	17.12	18.5	0.0	
100	QPSK	270	0	17.30	17.52	17.18			
100	16QAM	1	1	17.29	17.32	17.31	18.5	0.0	
100	64QAM	1	1	17.22	17.30	17.28			
100	256QAM	1	1	17.22	17.27	17.10	18.5	0.0	
Channel				508200	518598	528996			
Frequency (MHz)				2541	2592.99	2644.98	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	123	17.28	17.29	17.29	18.5	0.0	
Channel				507204	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2538.02	2592.99	2649.99			
80	QPSK	1	109	17.16	17.28	17.09	18.5	0.0	
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	81	17.16	17.27	17.21	18.5	0.0	
Channel				504204	518598	533996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2684.99			
50	QPSK	1	67	17.15	17.43	17.31	18.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	53	17.22	17.40	17.16	18.5	0.0	
Channel				501204	518598	535996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	26	17.30	17.31	17.20	18.5	0.0	
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.15	2592.99	2682.15			
15	QPSK	1	19	17.18	17.30	17.08	18.5	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	12	22.49	22.67	22.47	18.5	0.0	



Par270 n77 PC2&3 Ant2 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				656000	666000	666000	19.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	17.80	17.73	17.66	19.0	0.0	
100	PI/2 BPSK	1	137	17.59	17.71	17.69			
100	PI/2 BPSK	1	271	17.60	17.69	17.75	19.0	0.0	
100	PI/2 BPSK	135	0	17.69	17.73	17.75			
100	PI/2 BPSK	135	69	17.50	17.65	17.63	19.0	0.0	
100	PI/2 BPSK	135	138	17.55	17.77	17.62			
100	PI/2 BPSK	270	0	17.56	17.73	17.68	19.0	0.0	
100	QPSK	1	1	17.49	17.69	17.63			
100	QPSK	1	137	17.50	17.61	17.78	19.0	0.0	
100	QPSK	1	271	17.61	17.72	17.76			
100	QPSK	135	0	17.54	17.65	17.71	19.0	0.0	
100	QPSK	135	69	17.61	17.77	17.57			
100	QPSK	135	138	17.63	17.68	17.61	19.0	0.0	
100	QPSK	270	0	17.57	17.64	17.52			
100	16QAM	1	1	17.62	17.71	17.67	19.0	0.0	
100	64QAM	1	1	17.50	17.77	17.59			
100	256QAM	1	1	17.53	17.64	17.57	19.0	0.0	
Channel				648668	656000	662334		MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	123	17.61	17.60	17.63	19.0	0.0	
Channel				648334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02	19.0	0.0	
80	QPSK	1	109	17.64	17.63	17.73		0.0	
Channel				648668	656000	663334	19.0	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	81	17.58	17.75	17.57	19.0	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02	19.0	0.0	
50	QPSK	1	67	17.69	17.70	17.60		0.0	
Channel				648000	656000	664000	19.0	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	53	17.65	17.80	17.76	19.0	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02	19.0	0.0	
20	QPSK	1	26	17.53	17.73	17.65		0.0	
Channel				647168	656000	664834	19.0	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	19	17.68	17.50	17.62	19.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975	19.0	0.0	
10	QPSK	1	12	17.69	17.66	17.55		0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				633334			19.0	0.0	
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1	17.55			19.0	0.0	
100	PI/2 BPSK	1	137	17.46					
100	PI/2 BPSK	1	271	17.46			19.0	0.0	
100	PI/2 BPSK	135	0	17.46					
100	PI/2 BPSK	135	69	17.45			19.0	0.0	
100	PI/2 BPSK	135	138	17.61					
100	PI/2 BPSK	270	0	17.63			19.0	0.0	
100	QPSK	1	1	17.49					
100	QPSK	1	137	17.65			19.0	0.0	
100	QPSK	1	271	17.54					
100	QPSK	135	0	17.45			19.0	0.0	
100	QPSK	135	69	17.46					
100	QPSK	135	138	17.45			19.0	0.0	
100	QPSK	270	0	17.55					
100	16QAM	1	1	17.63			19.0	0.0	
100	64QAM	1	1	17.53					
100	256QAM	1	1	17.52			19.0	0.0	
Channel				633000	633334	633668		Tune-up limit (dbm) MPR (db)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	123	17.41	17.51	17.41	19.0	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510	19.0	0.0	
80	QPSK	1	109	17.38	17.51	17.37		0.0	
Channel				632000	633334	634668	19.0	Tune-up limit (dbm) MPR (db)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	81	17.49	17.43	17.32	19.0	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	19.0	0.0	
50	QPSK	1	67	17.48	17.37	17.49		0.0	
Channel				631334	633334	635334	19.0	Tune-up limit (dbm) MPR (db)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	53	17.53	17.39	17.40	19.0	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	19.0	0.0	
20	QPSK	1	26	17.43	17.49	17.32		0.0	
Channel				630500	633334	636168	19.0	Tune-up limit (dbm) MPR (db)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	19	17.35	17.46	17.44	19.0	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01	19.0	0.0	
10	QPSK	1	12	17.40	17.29	17.53		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					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		17.71				
100	PI/2 BPSK	1	137		17.63		19.0	0.0	
100	PI/2 BPSK	1	271		17.75				
100	PI/2 BPSK	135	0		17.56		19.0	0.0	
100	PI/2 BPSK	135	69		17.61		19.0	0.0	
100	PI/2 BPSK	135	138		17.58				
100	PI/2 BPSK	270	0		17.62		19.0	0.0	
100	QPSK	1	1		17.60				
100	QPSK	1	137		17.76		19.0	0.0	
100	QPSK	1	271		17.63				
100	QPSK	135	0		17.56		19.0	1.0	
100	QPSK	135	69		17.69		19.0	0.0	
100	QPSK	135	138		17.68		19.0	1.0	
100	QPSK	270	0		17.61				
100	16QAM	1	1		17.56		19.0	0.0	
100	64QAM	1	1		17.63		19.0	0.0	
100	256QAM	1	1		17.58		19.0	0.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123		17.63	17.72	17.75	19.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109		17.45	17.68	17.70	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81		17.52	17.53	17.60	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67		17.58	17.62	17.70	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53		17.55	17.63	17.58	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26		17.46	17.55	17.59	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19		17.52	17.60	17.63	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12		17.49	17.57	17.60	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				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		17.45				
100	PI/2 BPSK	1	137		17.45		19.0	0.0	
100	PI/2 BPSK	1	271		17.51				
100	PI/2 BPSK	135	0		17.50		19.0	0.0	
100	PI/2 BPSK	135	69		17.48		19.0	0.0	
100	PI/2 BPSK	135	138		17.52		19.0	0.0	
100	PI/2 BPSK	270	0		17.59				
100	QPSK	1	1		17.57				
100	QPSK	1	137		17.67		19.0	0.0	
100	QPSK	1	271		17.50				
100	QPSK	135	0		17.51		19.0	1.0	
100	QPSK	135	69		17.52		19.0	0.0	
100	QPSK	135	138		17.51		19.0	1.0	
100	QPSK	270	0		17.46				
100	16QAM	1	1		17.44		19.0	0.0	
100	64QAM	1	1		17.56		19.0	0.0	
100	256QAM	1	1		17.49		19.0	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	123		17.64	17.50	17.62	19.0	0.0
Channel				632998	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	109		17.57	17.49	17.45	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	81		17.44	17.34	17.48	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67		17.57	17.41	17.40	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	53		17.56	17.42	17.30	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26		17.43	17.30	17.35	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500.01	3542.52			
15	QPSK	1	19		17.60	17.32	17.30	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	12		17.47	17.44	17.54	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 656000	Power Middle Ch. / Freq. 656000	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)			19.5	0.0
				3750 3840 3930				
100	PI/2 BPSK	1	1	18.80	18.79	19.16	19.5	0.0
100	PI/2 BPSK	1	137	18.76	19.12	18.80		
100	PI/2 BPSK	1	271	18.90	19.12	18.86		
100	PI/2 BPSK	135	0	19.01	19.05	18.88		
100	PI/2 BPSK	135	69	18.85	18.82	18.99	19.5	0.0
100	PI/2 BPSK	135	138	18.94	18.84	19.12	19.5	0.0
100	PI/2 BPSK	270	0	18.80	18.92	19.11		
100	QPSK	1	1	18.76	18.95	18.91		
100	QPSK	1	137	18.72	19.19	19.05		
100	QPSK	1	271	19.01	18.94	19.15	19.5	0.0
100	QPSK	135	0	18.86	18.89	18.79	19.5	0.0
100	QPSK	135	69	18.79	18.91	18.83	19.5	0.0
100	QPSK	135	138	18.82	18.86	18.90	19.5	0.0
100	QPSK	270	0	18.75	18.84	18.83	19.5	0.0
100	16QAM	1	1	18.82	18.96	19.06		
100	64QAM	1	1	18.82	19.02	18.80		
100	256QAM	1	1	18.89	19.07	18.96		
Channel				649668	656000	662334	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3745.02 3840 3935.01				
90	QPSK	1	123	18.78	18.95	19.08	19.5	0.0
Channel				649334	652000	652668	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3740.01 3840 3940.02				
80	QPSK	1	109	18.92	18.88	18.90	19.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3730.02 3840 3950.01				
60	QPSK	1	81	18.85	18.88	19.10	19.5	0.0
Channel				643334	650000	653000	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3725.01 3840 3955.02				
50	QPSK	1	67	18.83	18.90	18.95	19.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3720 3840 3960				
40	QPSK	1	53	18.83	18.91	19.05	19.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3710.01 3840 3970.02				
20	QPSK	1	26	18.92	18.91	18.96	19.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3707.52 3840 3972.51				
15	QPSK	1	19	18.99	18.90	18.93	19.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3705 3840 3975				
10	QPSK	1	12	18.98	18.89	18.97	19.5	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)			19.5	0.0
				3500.01				
100	PI/2 BPSK	1	1		18.79		19.5	0.0
100	PI/2 BPSK	1	137		18.82			
100	PI/2 BPSK	1	271		18.76			
100	PI/2 BPSK	135	0		18.64			
100	PI/2 BPSK	135	69		18.82		19.5	0.0
100	PI/2 BPSK	135	138		18.70		19.5	0.0
100	PI/2 BPSK	270	0		18.80			
100	QPSK	1	1		18.65			
100	QPSK	1	137		18.83			
100	QPSK	1	271		18.70		19.5	0.0
100	QPSK	135	0		18.74		19.5	0.0
100	QPSK	135	69		18.78		19.5	0.0
100	QPSK	135	138		18.72		19.5	0.0
100	QPSK	270	0		18.71		19.5	0.0
100	16QAM	1	1		18.65			
100	64QAM	1	1		18.71			
100	256QAM	1	1		18.75			
Channel				633000	633334	633668	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3495 3500.01 3505.02				
90	QPSK	1	123	18.64	18.64	18.72	19.5	0.0
Channel				632998	633334	634000	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3490.02 3500.01 3510				
80	QPSK	1	109	18.41	18.50	18.66	19.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3480 3500.01 3520.02				
60	QPSK	1	81	18.62	18.41	18.57	19.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3475.02 3500.01 3525				
50	QPSK	1	67	18.42	18.48	18.68	19.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3470.01 3500.01 3550.01				
40	QPSK	1	53	18.62	18.48	18.65	19.5	0.0
Channel				630998	633334	636000	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3460.02 3500.01 3540				
20	QPSK	1	26	18.43	18.44	18.55	19.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3452.5 3500.01 3542.52				
15	QPSK	1	19	18.66	18.55	18.66	19.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
				Frequency (MHz)			(dBm)	(dB)
				3455.01 3500.01 3545.01				
10	QPSK	1	12	18.66	18.46	18.59	19.5	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				650000					
Frequency (MHz)				3750					
100	Pi/2 BPSK	1	1		19.01		19.5	0.0	
100	Pi/2 BPSK	1	137		19.00				
100	Pi/2 BPSK	1	271		18.94				
100	Pi/2 BPSK	135	0		18.91				
100	Pi/2 BPSK	135	69		18.86		19.5	0.0	
100	Pi/2 BPSK	135	138		18.88		19.5	0.0	
100	Pi/2 BPSK	270	0		18.90		19.5	0.0	
100	QPSK	1	1		18.86		19.5	0.0	
100	QPSK	1	137		19.05				
100	QPSK	1	271		18.83				
100	QPSK	135	0		19.00				
100	QPSK	135	69		19.01		19.5	0.0	
100	QPSK	135	138		18.90		19.5	0.0	
100	QPSK	270	0		18.92		19.5	0.0	
100	16QAM	1	1		18.84		19.5	0.0	
100	64QAM	1	1		18.92		19.5	0.0	
100	256QAM	1	1		18.90		19.5	0.0	
Channel				649688	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123		19.00	18.84	18.86	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3749.01	3750	3760.02			
80	QPSK	1	109		18.95	18.89	18.94	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81		18.90	18.84	18.86	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67		18.84	18.88	19.00	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3760			
40	QPSK	1	53		18.85	18.97	18.99	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26		18.61	18.87	18.91	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19		18.84	19.03	18.97	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12		18.88	18.82	18.87	19.5	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				633334					
Frequency (MHz)				3500.01					
100	Pi/2 BPSK	1	1		18.63		19.5	0.0	
100	Pi/2 BPSK	1	137		18.80				
100	Pi/2 BPSK	1	271		18.71				
100	Pi/2 BPSK	135	0		18.62				
100	Pi/2 BPSK	135	69		18.70		19.5	0.0	
100	Pi/2 BPSK	135	138		18.85		19.5	0.0	
100	Pi/2 BPSK	270	0		18.80		19.5	0.0	
100	QPSK	1	1		18.64		19.5	0.0	
100	QPSK	1	137		18.66				
100	QPSK	1	271		18.64				
100	QPSK	135	0		18.72				
100	QPSK	135	69		18.73		19.5	0.0	
100	QPSK	135	138		18.71		19.5	0.0	
100	QPSK	270	0		18.68		19.5	0.0	
100	16QAM	1	1		18.73		19.5	0.0	
100	64QAM	1	1		18.62		19.5	0.0	
100	256QAM	1	1		18.84		19.5	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	123		18.79	18.84	18.72	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	109		18.67	18.70	18.55	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	81		18.67	18.70	18.60	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67		18.67	18.82	18.55	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	53		18.79	18.73	18.59	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26		18.75	18.82	18.50	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	19		18.77	18.77	18.72	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	12		18.66	18.78	18.57	19.5	0.0

n5 Ant4 Default power								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	25.5	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.94	24.14	24.11		
20	PI/2 BPSK	1	26	23.95	24.04	23.86		
20	PI/2 BPSK	1	49	23.74	23.96	23.83	25.0	0.5
20	PI/2 BPSK	25	0	23.47	23.64	23.50		
20	PI/2 BPSK	25	13	24.07	24.10	23.94		
20	PI/2 BPSK	25	26	23.50	23.61	23.42		
20	PI/2 BPSK	50	0	23.54	23.67	23.64	25.0	0.5
20	QPSK	1	1	24.03	24.22	24.20		
20	QPSK	1	26	24.03	24.06	23.92		
20	QPSK	1	49	23.82	23.96	23.74		
20	QPSK	25	0	22.92	23.13	23.02	24.5	1.0
20	QPSK	25	13	23.87	24.08	23.86		
20	QPSK	25	26	22.91	23.05	22.98		
20	QPSK	50	0	22.87	23.10	22.91		
20	16QAM	1	1	22.58	22.65	22.52	24.5	1.0
20	64QAM	1	1	21.10	21.20	21.02		
20	256QAM	1	1	19.73	19.75	19.58		
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	25.5	0.0
15	QPSK	1	1	23.95	24.11	24.13		
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826	836.5	844	25.5	0.0
10	QPSK	1	1	24.02	24.16	24.09		

n7 Ant4 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	25.10	2560
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.95	16.96	16.84		
20	PI/2 BPSK	1	26	16.85	16.89	16.78	17.5	0.0
20	PI/2 BPSK	1	49	16.85	16.93	16.90		
20	PI/2 BPSK	25	0	16.96	16.85	16.85		
20	PI/2 BPSK	25	13	16.85	17.00	16.95		
20	PI/2 BPSK	25	26	16.92	16.92	16.95	17.5	0.0
20	PI/2 BPSK	50	0	16.97	16.82	16.75		
20	QPSK	1	1	17.01	17.08	16.86		
20	QPSK	1	26	16.80	16.96	16.79	17.5	0.0
20	QPSK	1	49	16.79	16.89	16.97		
20	QPSK	25	0	16.86	16.88	16.85		
20	QPSK	25	13	16.86	16.95	16.82		
20	QPSK	25	26	16.87	17.03	16.87	17.5	0.0
20	QPSK	50	0	16.92	16.88	16.91		
20	16QAM	1	1	16.83	16.97	16.77		
20	64QAM	1	1	16.93	16.92	16.75		
20	256QAM	1	1	16.91	16.84	16.84	17.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	25.5	2562.5
15	QPSK	1	1	16.78	16.88	16.80		
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	25.5	2565
10	QPSK	1	1	16.90	17.01	16.88		

n38 Ant4 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516000	518000	522000			
Frequency (MHz)				2590	2595	2610	Tune-up limit (dBm)	MPR (dB)	
20	PI/2 BPSK	1	1	14.32	14.56	14.13	15.5	0.0	
20	PI/2 BPSK	1	26	14.33	14.47	14.30			
20	PI/2 BPSK	1	49	14.30	14.43	14.10	15.5	0.0	
20	PI/2 BPSK	25	0	14.33	14.57	14.19			
20	PI/2 BPSK	25	13	14.40	14.61	14.35	15.5	0.0	
20	PI/2 BPSK	25	26	14.35	14.53	14.19			
20	PI/2 BPSK	50	0	14.30	14.56	14.32	15.5	0.0	
20	QPSK	1	1	14.36	14.64	14.12			
20	QPSK	1	26	14.38	14.45	14.25	15.5	0.0	
20	QPSK	1	49	14.45	14.63	14.27			
20	QPSK	25	0	14.28	14.39	14.14	15.5	0.0	
20	QPSK	25	13	14.39	14.53	14.35			
20	QPSK	25	26	14.23	14.42	14.10	15.5	0.0	
20	QPSK	50	0	14.45	14.63	14.14			
20	16QAM	1	1	14.30	14.54	14.20	15.5	0.0	
20	64QAM	1	1	14.27	14.63	14.34			
20	256QAM	1	1	14.42	14.55	14.26	15.5	0.0	
Channel				515902	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	PI/2 BPSK	1	1	14.38	14.44	14.32	15.5	0.0	
Channel				515004	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	PI/2 BPSK	1	1	14.29	14.50	14.30	15.5	0.0	

n41 PC2&3 Ant4 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				506202	518998	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	14.63	14.73	14.66	16.0	0.0	
100	PI/2 BPSK	1	137	14.55	14.81	14.66			
100	PI/2 BPSK	1	271	14.51	14.62	14.87	16.0	0.0	
100	PI/2 BPSK	135	0	14.70	14.91	14.88			
100	PI/2 BPSK	135	69	14.48	14.85	14.91	16.0	0.0	
100	PI/2 BPSK	135	138	14.60	14.75	14.91			
100	PI/2 BPSK	270	0	14.67	14.70	14.90	16.0	0.0	
100	QPSK	1	1	14.63	14.81	14.92			
100	QPSK	1	137	14.70	14.94	14.71	16.0	0.0	
100	QPSK	1	271	14.72	14.68	14.81			
100	QPSK	135	0	14.48	14.81	14.70	16.0	0.0	
100	QPSK	135	69	14.66	14.88	14.83			
100	QPSK	135	138	14.58	14.74	14.80	16.0	0.0	
100	QPSK	270	0	14.61	14.64	14.73			
100	16QAM	1	1	14.68	14.85	14.86	16.0	0.0	
100	64QAM	1	1	14.54	14.87	14.82			
100	256QAM	1	1	14.62	14.78	14.67	16.0	0.0	
Channel				508200	518998	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	123	14.72	14.89	14.77	16.0	0.0	
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2538.02	2592.99	2649.99			
80	QPSK	1	109	14.63	14.85	14.89	16.0	0.0	
Channel				506200	518998	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	81	14.64	14.88	14.82	16.0	0.0	
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2684.99			
50	QPSK	1	67	14.55	14.76	14.72	16.0	0.0	
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	53	14.49	14.69	14.67	16.0	0.0	
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	26	14.69	14.80	14.86	16.0	0.0	
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.02	2592.99	2682.02			
15	QPSK	1	19	14.48	14.80	14.88	16.0	0.0	
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	12	14.60	14.78	14.92	16.0	0.0	

Par270 n77 PC3 Ant5 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				656000	656000	662000	17.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.50	15.52	15.39		
100	PI/2 BPSK	1	137	15.49	15.48	15.38	17.0	0.0
100	PI/2 BPSK	1	271	15.40	15.55	15.30		
100	PI/2 BPSK	135	0	15.49	15.47	15.42		
100	PI/2 BPSK	135	69	15.41	15.45	15.31	17.0	0.0
100	PI/2 BPSK	135	138	15.39	15.43	15.36		
100	PI/2 BPSK	270	0	15.38	15.54	15.40		
100	QPSK	1	1	15.45	15.49	15.33	17.0	0.0
100	QPSK	1	137	15.55	15.59	15.45		
100	QPSK	1	271	15.46	15.44	15.40		
100	QPSK	135	0	15.42	15.45	15.36	17.0	0.0
100	QPSK	135	69	15.41	15.53	15.39		
100	QPSK	135	138	15.51	15.47	15.35		
100	QPSK	270	0	15.49	15.53	15.30	17.0	0.0
100	16QAM	1	1	15.39	15.48	15.42		
100	64QAM	1	1	15.44	15.49	15.31		
100	256QAM	1	1	15.46	15.42	15.35	17.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	15.49	15.53	15.29	17.0	0.0
Channel				649334	652000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	15.48	15.50	15.36	17.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	15.43	15.49	15.35	17.0	0.0
Channel				643334	650000	653666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	15.50	15.54	15.31	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	15.52	15.51	15.34	17.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	15.41	15.44	15.29	17.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	15.52	15.44	15.31	17.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	15.41	15.48	15.29	17.0	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				633334	633334	635001	17.0	0.0
Frequency (MHz)								
100	PI/2 BPSK	1	1		15.46			
100	PI/2 BPSK	1	137		15.37		17.0	0.0
100	PI/2 BPSK	1	271		15.38			
100	PI/2 BPSK	135	0		15.44			
100	PI/2 BPSK	135	69		15.39		17.0	0.0
100	PI/2 BPSK	135	138		15.44			
100	PI/2 BPSK	270	0		15.39			
100	QPSK	1	1		15.32		17.0	0.0
100	QPSK	1	137		15.48			
100	QPSK	1	271		15.43			
100	QPSK	135	0		15.36		17.0	0.0
100	QPSK	135	69		15.40			
100	QPSK	135	138		15.37			
100	QPSK	270	0		15.36		17.0	0.0
100	16QAM	1	1		15.45		17.0	0.0
100	64QAM	1	1		15.45		17.0	0.0
100	256QAM	1	1		15.44		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	15.39	15.26	15.34	17.0	0.0
Channel				632968	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	15.35	15.29	15.40	17.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	15.27	15.24	15.44	17.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	15.39	15.29	15.44	17.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	15.26	15.29	15.34	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	15.37	15.24	15.43	17.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.52	3500.01	3542.52		
15	QPSK	1	19	15.32	15.37	15.41	17.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	15.32	15.37	15.34	17.0	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					
Frequency (MHz)				3750					
100	Pi/2 BPSK	1	1		15.44		17.0	0.0	
100	Pi/2 BPSK	1	137		15.46				
100	Pi/2 BPSK	1	271		15.44				
100	Pi/2 BPSK	135	0		15.42		17.0	0.0	
100	Pi/2 BPSK	135	69		15.44		17.0	0.0	
100	Pi/2 BPSK	135	138		15.44		17.0	0.0	
100	Pi/2 BPSK	270	0		15.43				
100	QPSK	1	1		15.40		17.0	0.0	
100	QPSK	1	137		15.53				
100	QPSK	1	271		15.50				
100	QPSK	135	0		15.42		17.0	0.0	
100	QPSK	135	69		15.45		17.0	0.0	
100	QPSK	135	138		15.38		17.0	0.0	
100	QPSK	270	0		15.40		17.0	0.0	
100	16QAM	0	1		15.49				
100	64QAM	1	1		15.39				
100	256QAM	1	1		15.42		17.0	0.0	
Channel				649688	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	17.0	0.0	
90	QPSK	1	123		15.52	15.49	15.47	17.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3749.01	3750	3760.02	17.0	0.0	
80	QPSK	1	109		15.39	15.49	15.48	17.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	17.0	0.0	
60	QPSK	1	81		15.41	15.48	15.41	17.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	17.0	0.0	
50	QPSK	1	67		15.48	15.50	15.47	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3760	17.0	0.0	
40	QPSK	1	53		15.48	15.43	15.49	17.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	17.0	0.0	
20	QPSK	1	26		15.50	15.49	15.47	17.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	17.0	0.0	
15	QPSK	1	19		15.43	15.45	15.42	17.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	17.0	0.0	
10	QPSK	1	12		15.48	15.44	15.41	17.0	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				633334					
Frequency (MHz)				3500.01					
100	Pi/2 BPSK	1	1		15.35		24.0	0.0	
100	Pi/2 BPSK	1	137		15.30				
100	Pi/2 BPSK	1	271		15.30				
100	Pi/2 BPSK	135	0		15.29		24.0	0.0	
100	Pi/2 BPSK	135	69		15.32				
100	Pi/2 BPSK	135	138		15.29		24.0	0.0	
100	Pi/2 BPSK	270	0		15.29				
100	QPSK	1	1		15.33		24.0	0.0	
100	QPSK	1	137		15.38				
100	QPSK	1	271		15.32				
100	QPSK	135	0		15.35		24.0	0.0	
100	QPSK	135	69		15.35				
100	QPSK	135	138		15.29		24.0	0.0	
100	QPSK	270	0		15.30		24.0	0.0	
100	16QAM	1	1		15.35		24.0	0.0	
100	64QAM	1	1		15.31		24.0	0.0	
100	256QAM	1	1		15.28		22.5	1.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02	24.0	0.0	
90	QPSK	1	123		15.09	15.16	15.24	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	24.0	0.0	
80	QPSK	1	109		15.22	15.22	15.31	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02	24.0	0.0	
60	QPSK	1	81		15.15	15.19	15.19	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525	24.0	0.0	
50	QPSK	1	67		15.12	15.27	15.28	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01	24.0	0.0	
40	QPSK	1	53		15.19	15.27	15.21	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	24.0	0.0	
20	QPSK	1	26		15.19	15.23	15.20	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52	24.0	0.0	
15	QPSK	1	19		15.12	15.24	15.31	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01	24.0	0.0	
10	QPSK	1	12		15.21	15.23	15.29	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				656000	666000	665000	18.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.43	17.53	17.47	18.0	0.0
100	PI/2 BPSK	1	137	17.54	17.55	17.56		
100	PI/2 BPSK	1	271	17.45	17.56	17.53		
100	PI/2 BPSK	135	0	17.47	17.54	17.56		
100	PI/2 BPSK	135	69	17.43	17.52	17.51	18.0	0.0
100	PI/2 BPSK	135	138	17.45	17.53	17.56		
100	PI/2 BPSK	270	0	17.49	17.54	17.50	18.0	0.0
100	QPSK	1	1	17.45	17.47	17.49		
100	QPSK	1	137	17.49	17.57	17.49	18.0	0.0
100	QPSK	1	271	17.46	17.46	17.44		
100	QPSK	135	0	17.52	17.52	17.50	18.0	0.0
100	QPSK	135	69	17.44	17.54	17.46		
100	QPSK	135	138	17.46	17.48	17.48	18.0	0.0
100	QPSK	270	0	17.51	17.56	17.44		
100	16QAM	1	1	17.46	17.52	17.56	18.0	0.0
100	64QAM	1	1	17.49	17.52	17.56		
100	256QAM	1	1	17.50	17.56	17.44	18.0	0.0
Channel				648668	656000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	123	17.46	17.50	17.50	18.0	0.0
Channel				648334	656000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	109	17.53	17.59	17.48	18.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	81	17.50	17.56	17.44	18.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	67	17.50	17.57	17.49	18.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	53	17.41	17.54	17.53	18.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	26	17.55	17.52	17.55	18.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	19	17.48	17.53	17.46	18.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	12	17.55	17.48	17.44	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				633334			18.0	0.0	
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		16.47		18.0	0.0	
100	PI/2 BPSK	1	137		16.46				
100	PI/2 BPSK	1	271		16.42				
100	PI/2 BPSK	135	0		16.37				
100	PI/2 BPSK	135	69		16.40		18.0	0.0	
100	PI/2 BPSK	135	138		16.41				
100	PI/2 BPSK	270	0		16.40		18.0	0.0	
100	QPSK	1	1		16.44				
100	QPSK	1	137		16.48		18.0	0.0	
100	QPSK	1	271		16.40				
100	QPSK	135	0		16.37		18.0	0.0	
100	QPSK	135	69		16.40				
100	QPSK	135	138		16.30		18.0	0.0	
100	QPSK	270	0		16.42				
100	16QAM	1	1		16.39		18.0	0.0	
100	64QAM	1	1		16.44		18.0	0.0	
100	256QAM	1	1		16.37		18.0	0.0	
Channel				633000	633334	633668	Tune-up limit	MPR	
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)	
90	QPSK	1	123		16.38	16.46	16.39	18.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)	
80	QPSK	1	109		16.33	16.37	16.29	18.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR	
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)	
60	QPSK	1	81		16.33	16.36	16.28	18.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)	
50	QPSK	1	67		16.34	16.39	16.36	18.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)	
40	QPSK	1	53		16.29	16.40	16.25	18.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
20	QPSK	1	26		16.25	16.40	16.25	18.0	0.0
Channel				630000	633334	636168	Tune-up limit	MPR	
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)	
15	QPSK	1	19		16.23	16.40	16.25	18.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)	
10	QPSK	1	12		16.30	16.36	16.29	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				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		17.52		18.0	0.0
100	PI/2 BPSK	1	137		17.48			
100	PI/2 BPSK	1	271		17.42			
100	PI/2 BPSK	135	0		17.46		18.0	0.0
100	PI/2 BPSK	135	69		17.46		18.0	0.0
100	PI/2 BPSK	135	138		17.43		18.0	0.0
100	PI/2 BPSK	270	0		17.50			
100	QPSK	1	1		17.41		18.0	0.0
100	QPSK	1	137		17.55			
100	QPSK	1	271		17.48			
100	QPSK	135	0		17.38		18.0	0.0
100	QPSK	135	69		17.45		18.0	0.0
100	QPSK	135	138		17.44		18.0	0.0
100	QPSK	270	0		17.42		18.0	0.0
100	16QAM	0	1		17.44			
100	64QAM	1	1		17.50			
100	256QAM	1	1		17.48		18.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	123		17.50	17.46	18.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	109		17.37	17.29	17.37	18.0 0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	81		17.38	17.33	17.30	18.0 0.0
Channel				643334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	67		17.45	17.30	17.37	18.0 0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	53		17.39	17.42	17.35	18.0 0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	26		17.43	17.42	17.34	18.0 0.0
Channel				647168	650000	652834	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	19		17.45	17.37	17.41	18.0 0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	12		17.41	17.40	17.29	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				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		16.40		18.0	0.0
100	PI/2 BPSK	1	137		16.31			
100	PI/2 BPSK	1	271		16.35			
100	PI/2 BPSK	135	0		16.41		18.0	0.0
100	PI/2 BPSK	135	69		16.30			
100	PI/2 BPSK	135	138		16.38		18.0	0.0
100	PI/2 BPSK	270	0		16.28			
100	QPSK	1	1		16.36		18.0	0.0
100	QPSK	1	137		16.42			
100	QPSK	1	271		16.36			
100	QPSK	135	0		16.37		18.0	0.0
100	QPSK	135	69		16.41			
100	QPSK	135	138		16.39		18.0	0.0
100	QPSK	270	0		16.30			
100	16QAM	1	1		16.38			
100	64QAM	1	1		16.40		18.0	0.0
100	256QAM	1	1		16.38		18.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	123		16.32	16.33	16.39	18.0 0.0
Channel				632968	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	109		16.23	16.17	16.31	18.0 0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	81		16.20	16.24	16.24	18.0 0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	67		16.25	16.23	16.27	18.0 0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	53		16.24	16.29	16.31	18.0 0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	26		16.17	16.21	16.22	18.0 0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	19		16.24	16.24	16.34	18.0 0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	12		16.27	16.20	16.23	18.0 0.0

WLAN/Bluetooth Power

2.4GHz WLAN				full power/receiver off		receiver on		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.80	20.50	12.52	14.00	100.00
		6	2437	19.22	21.00	12.76	14.50	
		11	2462	19.01	21.00	12.71	14.50	
	802.11g 6Mbps	1	2412	17.74	19.50		14.00	97.46
		6	2437	18.12	19.50		14.00	
		11	2462	17.97	19.50		14.00	
	802.11n-HT20 MCS0	1	2412	16.62	18.50		14.00	97.30
		6	2437	17.16	18.50		14.00	
		11	2462	16.90	18.50		14.00	

5.2GHz WLAN				full power/receiver off		receiver on		
	Mode	Channel	Frequency (MHz)	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	15.69	17.50		17.00	97.46
		40	5200	15.91	17.50		17.00	
		44	5220	15.79	17.50		17.00	
		48	5240	15.81	17.50		17.00	
	802.11n-HT20 MCS0	36	5180	15.81	17.50		17.00	97.28
		40	5200	15.73	17.50		17.00	
		44	5220	15.84	17.50		17.00	
		48	5240	15.72	17.50		17.00	
	802.11n-HT40 MCS0	38	5190	15.82	17.50		17.00	94.70
		46	5230	15.74	17.50		17.00	
	802.11ac-VHT20 MCS0	36	5180	15.89	17.50		17.00	97.30
		40	5200	15.81	17.50		17.00	
		44	5220	15.74	17.50		17.00	
		48	5240	15.84	17.50		17.00	
	802.11ac-VHT40 MCS0	38	5190	15.84	17.50		17.00	94.97
		46	5230	15.76	17.50		17.00	
		802.11ac-VHT80 MCS0	42	5210	16.08	17.50	15.62	17.00

5.3GHz WLAN				full power/receiver off		receiver on		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.76	18.50		17.00	97.46
		56	5280	16.71	18.50		17.00	
		60	5300	17.05	19.00		17.00	
		64	5320	16.99	18.50		17.00	
	802.11n-HT20 MCS0	52	5260	16.12	17.50		17.00	97.28
		56	5280	16.03	17.50		17.00	
		60	5300	16.03	17.50		17.00	
		64	5320	15.91	17.50		17.00	
	802.11n-HT40 MCS0	54	5270	16.11	17.50		17.00	94.70
		62	5310	15.94	17.50		17.00	
	802.11ac-VHT20 MCS0	52	5260	16.17	17.50		17.00	97.30
		56	5280	16.04	17.50		17.00	
		60	5300	15.99	17.50		17.00	
		64	5320	15.90	17.50		17.00	
	802.11ac-VHT40 MCS0	54	5270	16.06	17.50		17.00	94.97
		62	5310	15.94	17.50		17.00	
	802.11ac-VHT80 MCS0	58	5290	15.84	17.50	15.43	17.00	90.69

5.5GHz WLAN			full power/receiver off			receiver on		
	Mode	Channel	Frequency (MHz)	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	17.00	19.00		15.50	97.46
		116	5580	17.20	19.00		15.50	
		124	5620	16.92	18.50		15.50	
		132	5660	17.15	18.50		15.50	
		140	5700	16.81	18.50		15.50	
		144	5720	16.80	18.50		15.50	
	802.11n-HT20 MCS0	100	5500	15.83	17.50		15.50	97.28
		116	5580	15.95	17.50		15.50	
		124	5620	15.83	17.50		15.50	
		132	5660	16.10	17.50		15.50	
		140	5700	16.17	17.50		15.50	
		144	5720	16.17	17.50		15.50	
	802.11n-HT40 MCS0	102	5510	16.17	17.50		15.50	94.70
		110	5550	16.14	17.50		15.50	
		126	5630	15.86	17.50		15.50	
		134	5670	16.00	17.50		15.50	
		142	5710	16.20	17.50		15.50	
		142	5710	16.20	17.50		15.50	
	802.11ac-VHT20 MCS0	100	5500	15.84	17.50		15.50	97.30
		116	5580	16.04	17.50		15.50	
		124	5620	15.80	17.50		15.50	
		132	5660	16.02	17.50		15.50	
		140	5700	16.15	17.50		15.50	
		144	5720	16.20	17.50		15.50	
	802.11ac-VHT40 MCS0	102	5510	16.17	17.50		15.50	94.97
		110	5550	16.19	17.50		15.50	
		126	5630	15.87	17.50		15.50	
		134	5670	16.07	17.50		15.50	
		142	5710	16.22	17.50		15.50	
		142	5710	16.22	17.50		15.50	
	802.11ac-VHT80 MCS0	106	5530	16.02	17.50	13.23	14.50	90.69
		122	5610	15.98	17.50	13.64	15.00	
		138	5690	15.89	17.50	14.12	15.50	

5.8GHz WLAN				full power/receiver off		receiver on		
	Mode	Channel	Frequency (MHz)	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	14.86	16.50		16.00	97.46
		157	5785	15.10	16.50		16.00	
		165	5825	15.18	16.50		16.00	
	802.11n-HT20 MCS0	149	5745	14.78	16.50		16.00	97.28
		157	5785	14.94	16.50		16.00	
		165	5825	15.07	16.50		16.00	
	802.11n-HT40 MCS0	151	5755	14.95	16.50		16.00	94.70
		159	5795	15.01	16.50		16.00	
	802.11ac- VHT20 MCS0	149	5745	14.85	16.50		16.00	97.30
		157	5785	14.97	16.50		16.00	
		165	5825	15.13	16.50		16.00	
	802.11ac- VHT40 MCS0	151	5755	15.00	16.50		16.00	94.97
		159	5795	15.06	16.50		16.00	
	802.11ac- VHT80 MCS0	155	5775	14.73	16.50	14.37	16.00	90.69

BT 2.0

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.76	8.72	8.32
	CH 39	2441	10.63	7.90	7.53
	CH 78	2480	10.65	7.98	7.92
Tune-up Limit			12	9	9

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	-3.20
	CH 19	2440	-2.22
	CH 39	2480	-2.29
Tune-up Limit			-1

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	-2.86
	CH 19	2440	-2.06
	CH 39	2480	-2.22
Tune-up Limit			-1.00