

Full & Default Power Mode

Band 41_Ant 1													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Low Middle Ch./ Freq.	Power Middle Ch./ Freq.	Power High Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel													
Frequency (MHz)													
20	QPSK	1	0	22.39	22.51	22.44	22.39	22.35	24	0			
20	QPSK	1	49	22.61	22.65	22.55	22.55	22.47					
20	QPSK	1	99	22.47	22.54	22.48	22.37	22.31	23	1			
20	QPSK	50	0	21.47	21.76	21.68	21.62	21.60					
20	QPSK	50	24	21.52	21.81	21.89	21.54	21.63	23	1			
20	QPSK	50	50	21.52	21.78	21.87	21.58	21.50					
20	QPSK	100	0	21.55	21.74	21.68	21.57	21.57	22	2			
20	16QAM	1	0	21.47	21.64	21.88	21.61	21.52					
20	16QAM	1	49	21.64	21.89	21.82	21.78	21.74	23	1			
20	16QAM	1	99	21.58	21.85	21.87	21.57	21.59					
20	16QAM	50	0	20.65	20.74	20.71	20.64	20.59	22	2			
20	16QAM	50	24	20.74	20.81	20.86	20.64	20.60					
20	16QAM	50	50	20.72	20.79	20.87	20.57	20.55	22	2			
20	16QAM	100	0	20.66	20.78	20.73	20.59	20.58					
20	64QAM	1	0	20.25	20.37	20.23	20.28	20.19	22	2			
20	64QAM	1	49	20.49	20.49	20.36	20.40	20.34					
20	64QAM	1	99	20.39	20.42	20.38	20.24	20.21	21	3			
20	64QAM	50	0	19.63	19.72	19.64	19.58	19.56					
20	64QAM	50	24	19.69	19.79	19.66	19.60	19.55	21	3			
20	64QAM	50	50	19.70	19.75	19.67	19.53	19.51					
20	64QAM	100	0	19.70	19.74	19.68	19.53	19.56					
Channel													
Frequency (MHz)													
15	QPSK	1	0	22.30	22.43	22.39	22.08	22.02	24	0			
15	QPSK	1	37	22.53	22.62	22.56	22.60	22.50					
15	QPSK	1	74	22.39	22.56	22.46	22.40	22.40	23	1			
15	QPSK	36	0	21.43	21.57	21.57	21.54	21.51					
15	QPSK	36	20	21.46	21.67	21.58	21.57	21.51	23	1			
15	QPSK	36	39	21.48	21.71	21.59	21.54	21.49					
15	QPSK	75	0	21.41	21.73	21.65	21.60	21.54	23	1			
15	16QAM	1	0	21.43	21.53	21.58	21.60	21.64					
15	16QAM	1	37	21.61	21.89	21.82	21.76	21.58	23	1			
15	16QAM	1	74	21.53	21.76	21.76	21.67	21.59					
15	16QAM	36	0	20.55	20.65	20.55	20.56	20.45	22	2			
15	16QAM	36	20	20.55	20.68	20.56	20.53	20.46					
15	16QAM	36	39	20.50	20.65	20.57	20.49	20.44	22	2			
15	16QAM	75	0	20.64	20.73	20.80	20.58	20.53					
15	64QAM	1	0	20.27	20.39	20.28	20.30	20.24	22	2			
15	64QAM	1	37	20.40	20.47	20.45	20.44	20.29					
15	64QAM	1	74	20.34	20.49	20.36	20.27	20.24	22	2			
15	64QAM	36	0	19.59	19.71	19.57	19.59	19.46					
15	64QAM	36	20	19.56	19.70	19.56	19.58	19.53	21	3			
15	64QAM	36	39	19.63	19.66	19.55	19.51	19.45					
15	64QAM	75	0	19.62	19.71	19.61	19.55	19.49					
Channel													
Frequency (MHz)													
10	QPSK	1	0	22.41	22.50	22.50	22.47	22.47	24	0			
10	QPSK	1	25	22.45	22.59	22.56	22.46	22.45					
10	QPSK	1	49	22.46	22.57	22.54	22.49	22.45	23	1			
10	QPSK	25	0	21.43	21.58	21.65	21.64	21.59					
10	QPSK	25	12	21.48	21.79	21.68	21.60	21.56	23	1			
10	QPSK	25	25	21.41	21.75	21.65	21.57	21.56					
10	QPSK	50	0	21.48	21.78	21.66	21.62	21.60	23	1			
10	16QAM	1	0	21.52	21.64	21.67	21.68	21.62					
10	16QAM	1	25	21.57	21.84	21.82	21.81	21.68	23	1			
10	16QAM	1	49	21.62	21.87	21.76	21.73	21.70					
10	16QAM	25	0	20.60	20.76	20.62	20.65	20.57	22	2			
10	16QAM	25	12	20.67	20.75	20.66	20.63	20.59					
10	16QAM	25	25	20.70	20.77	20.68	20.57	20.54	22	2			
10	16QAM	50	0	20.66	20.78	20.69	20.59	20.63					
10	64QAM	1	0	20.34	20.51	20.37	20.36	20.29	22	2			
10	64QAM	1	25	20.42	20.58	20.41	20.39	20.33					
10	64QAM	1	49	20.43	20.42	20.36	20.29	20.29	22	2			
10	64QAM	25	0	19.62	19.80	19.67	19.63	19.61					
10	64QAM	25	12	19.74	19.78	19.69	19.65	19.62	21	3			
10	64QAM	25	25	19.69	19.78	19.68	19.61	19.57					
10	64QAM	50	0	19.63	19.72	19.64	19.58	19.58					
Channel													
Frequency (MHz)													
5	QPSK	1	0	22.44	22.60	22.53	22.49	22.44	24	0			
5	QPSK	1	12	22.44	22.62	22.56	22.46	22.50					
5	QPSK	1	24	22.43	22.63	22.50	22.42	22.45	23	1			
5	QPSK	12	0	21.47	21.57	21.66	21.66	21.63					
5	QPSK	12	7	21.40	21.73	21.66	21.61	21.60	23	1			
5	QPSK	12	13	21.47	21.71	21.61	21.56	21.53					
5	QPSK	25	0	21.49	21.57	21.61	21.59	21.55	23	1			
5	16QAM	1	0	21.59	21.66	21.72	21.72	21.69					
5	16QAM	1	12	21.59	21.82	21.75	21.69	21.68	23	1			
5	16QAM	1	24	21.56	21.83	21.77	21.76	21.71					
5	16QAM	12	0	20.55	20.74	20.61	20.61	20.50	22	2			
5	16QAM	12	7	20.60	20.68	20.59	20.50	20.53					
5	16QAM	12	13	20.57	20.67	20.57	20.50	20.51	22	2			
5	16QAM	25	0	20.67	20.75	20.66	20.59	20.60					
5	64QAM	1	0	20.33	20.51	20.37	20.36	20.29	22	2			
5	64QAM	1	12	20.46	20.48	20.42	20.39	20.26					
5	64QAM	1	24	20.37	20.47	20.41	20.31	20.32	21	3			
5	64QAM	12	0	19.56	19.73	19.65	19.60	19.61					
5	64QAM	12	13	19.60	19.73	19.64	19.54	19.55	21	3			
5	64QAM	25	0	19.62	19.71	19.65	19.59	19.54					
5	64QAM	25	12	19.66	19.79	19.65	19.59	19.64					

Reduced Power Mode for Receiver On

Band 41_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Low Middle Ch./ Freq.	Power Middle Ch./ Freq.	Power High Middle Ch./ Freq.	Power High Ch./ Freq.	Time-up limit (dBm)	MPR (dB)		
Channel												
Frequency (MHz)				2506	2549.5	2590	2636.5	2680				
20	QPSK	1	0	22.39	22.51	22.44	22.39	22.35	24	0		
20	QPSK	1	49	22.51	22.65	22.55	22.48	22.45				
20	QPSK	1	99	22.47	22.54	22.48	22.37	22.31	23	1		
20	QPSK	50	0	21.47	21.76	21.68	21.62	21.60				
20	QPSK	50	24	21.57	21.81	21.69	21.64	21.63	22	2		
20	QPSK	50	50	21.50	21.78	21.87	21.58	21.57				
20	QPSK	100	0	21.55	21.74	21.88	21.57	21.57	21	3		
20	16QAM	1	0	21.47	21.64	21.68	21.61	21.52				
20	16QAM	1	49	21.64	21.89	21.82	21.78	21.74	22	2		
20	16QAM	1	99	21.58	21.85	21.67	21.57	21.59				
20	16QAM	50	0	20.65	20.74	20.71	20.64	20.59	23	1		
20	16QAM	50	24	20.74	20.81	20.86	20.64	20.60				
20	16QAM	50	50	20.72	20.79	20.67	20.57	20.55	22	2		
20	16QAM	100	0	20.68	20.78	20.73	20.59	20.58				
20	64QAM	1	0	20.25	20.37	20.23	20.28	20.19	23	2		
20	64QAM	1	49	20.49	20.49	20.36	20.40	20.34				
20	64QAM	1	99	20.39	20.42	20.36	20.24	20.21	24	0		
20	64QAM	50	0	19.63	19.72	19.64	19.58	19.56				
20	64QAM	50	24	19.69	19.79	19.66	19.60	19.55	25	1		
20	64QAM	50	50	19.70	19.75	19.67	19.53	19.51				
20	64QAM	100	0	19.70	19.74	19.68	19.53	19.56				
Channel												
Frequency (MHz)				2672.5	2717.5	2760.0	2804.5	2850.0	Turn-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	22.30	22.53	22.39	22.44	22.39	24	0		
15	QPSK	1	37	22.53	22.62	22.56	22.60	22.50				
15	QPSK	1	74	22.39	22.56	22.46	22.40	22.40	23	1		
15	QPSK	36	0	21.43	21.57	21.57	21.54	21.51				
15	QPSK	36	20	21.46	21.67	21.58	21.57	21.51	22	2		
15	QPSK	36	39	21.48	21.71	21.59	21.54	21.49				
15	QPSK	36	50	21.41	21.73	21.65	21.60	21.54	21	3		
15	16QAM	1	0	21.43	21.53	21.58	21.60	21.64				
15	16QAM	1	37	21.61	21.89	21.82	21.76	21.58	22	2		
15	16QAM	1	74	21.53	21.76	21.76	21.67	21.59				
15	16QAM	36	0	20.55	20.65	20.55	20.56	20.45	23	1		
15	16QAM	36	20	20.60	20.68	20.57	20.49	20.44				
15	16QAM	36	39	20.64	20.67	20.60	20.58	20.53	24	0		
15	16QAM	36	50	20.27	20.39	20.28	20.30	20.24				
15	64QAM	1	0	20.27	20.39	20.28	20.30	20.24	25	2		
15	64QAM	1	37	20.40	20.47	20.45	20.44	20.29				
15	64QAM	1	74	20.34	20.49	20.35	20.27	20.24	26	1		
15	64QAM	36	0	19.59	19.71	19.57	19.59	19.46				
15	64QAM	36	20	19.58	19.70	19.56	19.58	19.53	27	0		
15	64QAM	36	39	19.63	19.66	19.55	19.51	19.45				
15	64QAM	36	50	19.62	19.71	19.61	19.55	19.49	28	1		
Channel												
Frequency (MHz)				2907.5	2957	3000.0	3049.5	3100.0			Turn-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.45	22.60	22.50	22.47	22.47	24	0		
10	QPSK	1	25	22.45	22.62	22.56	22.46	22.45				
10	QPSK	1	49	22.46	22.57	22.54	22.49	22.45	23	1		
10	QPSK	25	0	21.43	21.58	21.65	21.64	21.59				
10	QPSK	25	12	21.48	21.79	21.68	21.60	21.56	22	2		
10	QPSK	25	25	21.51	21.75	21.65	21.57	21.58				
10	QPSK	50	0	21.48	21.78	21.66	21.62	21.60	21	3		
10	16QAM	1	0	21.52	21.64	21.67	21.68	21.62				
10	16QAM	1	25	21.57	21.84	21.82	21.81	21.68	22	2		
10	16QAM	1	49	21.62	21.87	21.76	21.73	21.70				
10	16QAM	25	0	20.80	20.76	20.62	20.65	20.57	23	1		
10	16QAM	25	12	20.87	20.75	20.66	20.63	20.59				
10	16QAM	25	25	20.70	20.77	20.66	20.57	20.54	24	0		
10	16QAM	50	0	20.66	20.78	20.69	20.59	20.63				
10	64QAM	1	0	20.34	20.51	20.37	20.38	20.29	25	2		
10	64QAM	1	25	20.42	20.58	20.41	20.39	20.33				
10	64QAM	1	49	20.43	20.42	20.38	20.29	20.29	26	1		
10	64QAM	25	0	19.62	19.60	19.67	19.63	19.61				
10	64QAM	25	12	19.74	19.78	19.69	19.65	19.62	27	0		
10	64QAM	25	25	19.69	19.78	19.68	19.61	19.57				
10	64QAM	50	0	19.63	19.72	19.64	19.58	19.58	28	1		
Channel												
Frequency (MHz)				3367.5	3414	3462.0	3509.5	3557.5			Turn-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.44	22.60	22.53	22.49	22.44	24	0		
5	QPSK	1	12	22.44	22.62	22.56	22.46	22.50				
5	QPSK	1	24	22.43	22.63	22.50	22.42	22.45	23	1		
5	QPSK	12	0	21.47	21.57	21.66	21.65	21.63				
5	QPSK	12	7	21.46	21.73	21.66	21.61	21.60	22	2		
5	QPSK	12	13	21.47	21.71	21.61	21.55	21.53				
5	QPSK	25	0	21.49	21.57	21.61	21.59	21.55	21	3		
5	16QAM	1	0	21.59	21.68	21.72	21.72	21.69				
5	16QAM	1	12	21.59	21.82	21.75	21.69	21.68	22	2		
5	16QAM	1	24	21.56	21.83	21.77	21.76	21.71				
5	16QAM	12	0	20.55	20.74	20.61	20.61	20.50	23	1		
5	16QAM	12	7	20.60	20.66	20.56	20.50	20.53				
5	16QAM	12	13	20.57	20.67	20.57	20.50	20.51	24	0		
5	16QAM	25	0	20.67	20.75	20.66	20.59	20.60				
5	64QAM	1	0	20.33	20.51	20.40	20.38	20.34	25	2		
5	64QAM	1	12	20.46	20.48	20.42	20.39	20.26				
5	64QAM	1	24	20.37	20.47	20.41	20.31	20.32	26	1		
5	64QAM	12	0	19.56	19.73	19.65	19.60	19.61				
5	64QAM	12	7	19.60	19.73	19.64	19.54	19.55	27	0		
5	64QAM	12	13	19.62	19.72	19.56	19.53	19.51				
5	64QAM	25	0	19.60	19.79	19.65	19.59	19.64				

Band 41 (HPUE)_Ant 1											
BIW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel											
Frequency (MHz)											
20	QPSK	1	0	25.19	25.38	25.31	25.26	25.22	27	0	
20	QPSK	1	49	25.42	25.52	25.41	25.42	25.35			
20	QPSK	1	99	25.32	25.46	25.34	25.32	25.21	26	1	
20	QPSK	50	0	24.41	24.58	24.51	24.45	24.43			
20	QPSK	50	24	24.55	24.65	24.55	24.47	24.44	25	2	
20	QPSK	50	50	24.51	24.60	24.54	24.43	24.36			
20	QPSK	100	0	24.48	24.54	24.50	24.51	24.43	24	3	
20	16QAM	1	0	24.54	24.69	24.56	24.53	24.48			
20	16QAM	1	49	24.76	24.76	24.68	24.73	24.63	23	1	
20	16QAM	1	99	24.63	24.76	24.59	24.54	24.47			
20	16QAM	50	0	23.48	23.58	23.53	23.47	23.46	22	2	
20	16QAM	50	24	23.57	23.64	23.52	23.50	23.46			
20	16QAM	50	50	23.52	23.63	23.52	23.43	23.38	21	3	
20	16QAM	100	0	23.53	23.59	23.52	23.42	23.44			
20	64QAM	1	0	23.40	23.46	23.44	23.40	23.36	20	1	
20	64QAM	1	49	23.55	23.66	23.59	23.51	23.47			
20	64QAM	1	99	23.46	23.59	23.51	23.45	23.38	19	2	
20	64QAM	50	0	22.44	22.55	22.46	22.41	22.42			
20	64QAM	50	24	22.48	22.59	22.48	22.46	22.38	24	3	
20	64QAM	50	50	22.47	22.58	22.49	22.44	22.33			
20	64QAM	100	0	22.51	22.57	22.44	22.34	22.28	Channel	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)											
15	QPSK	1	0	25.43	25.47	25.41	25.40	25.33	27	0	
15	QPSK	1	37	25.49	25.42	25.44	25.45	25.46			
15	QPSK	1	74	25.43	25.30	25.49	25.42	25.37	26	1	
15	QPSK	36	0	24.51	24.62	24.48	24.45	24.39			
15	QPSK	36	20	24.51	24.62	24.48	24.43	24.39	25	2	
15	QPSK	36	36	24.53	24.59	24.56	24.54	24.38			
15	QPSK	75	0	24.55	24.61	24.53	24.47	24.43	24	3	
15	16QAM	1	0	24.56	24.75	24.64	24.56	24.49			
15	16QAM	1	37	24.68	24.86	24.74	24.70	24.54	23	1	
15	16QAM	1	74	24.77	24.74	24.67	24.67	24.50			
15	16QAM	36	0	23.57	23.68	23.57	23.57	23.38	25	2	
15	16QAM	36	20	23.45	23.59	23.47	23.44	23.38			
15	16QAM	36	39	23.52	23.59	23.47	23.40	23.36	24	3	
15	16QAM	75	0	23.54	23.64	23.51	23.47	23.37			
15	64QAM	1	0	23.46	23.59	23.48	23.45	23.30	26	1	
15	64QAM	1	37	23.58	23.69	23.53	23.51	23.38			
15	64QAM	1	74	23.51	23.60	23.54	23.36	23.33	25	2	
15	64QAM	36	0	22.51	22.60	22.48	22.44	22.32			
15	64QAM	36	20	22.50	22.57	22.44	22.40	22.35	24	3	
15	64QAM	36	39	22.49	22.57	22.46	22.37	22.32			
15	64QAM	75	0	22.48	22.58	22.51	22.51	22.35	Channel	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)											
10	QPSK	1	0	25.34	25.50	25.44	25.40	25.36	27	0	
10	QPSK	1	25	25.38	25.45	25.51	25.47	25.40			
10	QPSK	1	49	25.37	25.51	25.44	25.45	25.35	26	1	
10	QPSK	25	0	24.41	24.63	24.53	24.48	24.53			
10	QPSK	25	12	24.53	24.57	24.54	24.54	24.47	25	2	
10	QPSK	25	25	24.59	24.54	24.52	24.42	24.46			
10	QPSK	50	0	24.55	24.67	24.54	24.48	24.47	24	3	
10	16QAM	1	0	24.69	24.84	24.74	24.67	24.63			
10	16QAM	1	25	24.67	24.90	24.73	24.68	24.64	23	1	
10	16QAM	1	49	24.75	24.78	24.72	24.70	24.59			
10	16QAM	25	0	23.55	23.70	23.55	23.52	23.49	25	2	
10	16QAM	25	12	23.60	23.64	23.54	23.53	23.49			
10	16QAM	25	25	23.64	23.64	23.54	23.49	23.50	24	3	
10	64QAM	50	0	23.63	23.65	23.54	23.49	23.49			
10	64QAM	1	0	23.54	23.62	23.59	23.50	23.46	26	1	
10	64QAM	1	25	23.55	23.73	23.64	23.53	23.52			
10	64QAM	1	49	23.57	23.62	23.60	23.48	23.43	25	2	
10	64QAM	25	0	22.58	22.69	22.59	22.56	22.51			
10	64QAM	25	12	22.64	22.68	22.57	22.53	22.52	24	3	
10	64QAM	25	25	22.67	22.69	22.57	22.52	22.48			
10	64QAM	50	0	22.47	22.47	22.42	22.53	22.43	Channel	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)											
5	QPSK	1	0	25.39	25.45	25.48	25.38	25.39	27	0	
5	QPSK	1	12	25.39	25.40	25.48	25.47	25.40			
5	QPSK	1	24	25.47	25.37	25.45	25.37	25.41	26	1	
5	QPSK	12	0	24.53	24.67	24.51	24.49	24.44			
5	QPSK	12	12	24.51	24.62	24.52	24.39	24.44	25	2	
5	QPSK	12	24	24.52	24.62	24.49	24.44	24.39			
5	QPSK	25	0	24.52	24.66	24.50	24.48	24.46	24	3	
5	16QAM	1	0	24.67	24.83	24.70	24.66	24.59			
5	16QAM	1	12	24.73	24.81	24.81	24.66	24.57	23	1	
5	16QAM	1	24	24.85	24.84	24.78	24.62	24.57			
5	16QAM	12	0	23.53	23.67	23.55	23.51	23.48	25	2	
5	16QAM	12	7	23.48	23.63	23.50	23.44	23.45			
5	16QAM	12	13	23.53	23.63	23.50	23.45	23.45	24	3	
5	16QAM	25	0	23.61	23.67	23.53	23.50	23.40			
5	64QAM	1	0	23.57	23.69	23.56	23.56	23.46	26	1	
5	64QAM	1	12	23.52	23.62	23.57	23.50	23.55			
5	64QAM	1	24	23.55	23.66	23.59	23.46	23.44	25	2	
5	64QAM	12	0	22.52	22.65	22.55	22.50	22.49			
5	64QAM	12	7	22.49	22.59	22.44	22.46	22.46	24	3	
5	64QAM	12	13	22.47	22.59	22.44	22.49	22.48			
5	8QAM	25	0	22.56	22.69	22.52	22.50	22.51	23	1	
5	8QAM	25	12	22.58	22.68	22.52	22.50	22.51			

Reduced Power Mode for Hotspot On

Band 41_Ant 1										
BW (kHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.01	21.14	21.03	20.90	20.95	22.5	0
20	QPSK	1	99	21.09	21.28	21.02	20.98	20.95		
20	QPSK	1	99	21.09	21.07	21.02	20.92	20.86		
20	QPSK	50	0	21.05	21.12	20.98	20.90	20.86		
20	QPSK	50	24	21.13	21.18	21.05	21.03	21.01	22.5	0
20	QPSK	50	50	21.03	21.15	20.94	20.86	20.90		
20	QPSK	100	0	21.03	21.15	20.94	20.86	20.90		
20	16QAM	1	0	21.11	21.06	20.93	20.98	20.94		
20	16QAM	1	49	21.03	21.10	20.91	20.91	20.95	22.5	0
20	16QAM	1	99	21.08	21.03	20.96	20.88	20.97		
20	16QAM	50	0	20.65	20.74	20.71	20.64	20.59		
20	16QAM	50	24	20.74	20.81	20.66	20.64	20.65	22	0.5
20	16QAM	50	50	20.67	20.73	20.66	20.57	20.55		
20	16QAM	100	0	20.66	20.78	20.73	20.59	20.58		
20	64QAM	1	0	20.25	20.37	20.33	20.28	20.19		
20	64QAM	1	49	20.49	20.49	20.26	20.40	20.34	22	0.5
20	64QAM	1	99	20.39	20.42	20.38	20.24	20.21		
20	64QAM	50	0	19.63	19.72	19.74	19.58	19.56		
20	64QAM	50	24	19.69	19.79	19.66	19.60	19.55	21	1.5
20	64QAM	50	50	19.70	19.75	19.67	19.53	19.51		
20	64QAM	100	0	19.70	19.74	19.68	19.53	19.56		
Channel				39725	40173	40620	41038	41515		
Frequency (MHz)				2503.5	2546.5	2593	2637.5	2682.5		
15	QPSK	1	0	21.01	21.14	21.00	20.90	20.95	22.5	0
15	QPSK	1	37	21.08	21.07	21.04	20.97	20.86		
15	QPSK	1	74	21.07	21.14	21.00	20.88	21.00		
15	QPSK	36	0	21.08	21.13	21.01	20.94	20.91		
15	QPSK	36	20	21.10	21.06	20.95	20.92	20.87	22.5	0
15	QPSK	36	39	21.03	21.11	21.02	20.86	20.95		
15	QPSK	75	0	21.01	21.11	21.00	20.93	20.92		
15	16QAM	1	0	20.99	21.04	20.92	20.92	20.98		
15	16QAM	1	37	20.99	21.04	20.91	21.01	20.90	22.5	0
15	16QAM	1	74	20.99	21.10	20.98	20.94	20.96		
15	16QAM	36	0	20.55	20.65	20.55	20.58	20.45		
15	16QAM	36	20	20.55	20.58	20.58	20.53	20.45	22	0.5
15	16QAM	36	39	20.60	20.65	20.57	20.49	20.44		
15	16QAM	75	0	20.64	20.73	20.60	20.58	20.53		
15	16QAM	1	0	20.27	20.39	20.28	20.30	20.24		
15	64QAM	1	37	20.40	20.47	20.45	20.44	20.29		
15	64QAM	1	74	20.36	20.48	20.42	20.38	20.33	22	0.5
15	64QAM	36	0	19.59	19.71	19.57	19.59	19.46		
15	64QAM	36	20	19.58	19.70	19.56	19.58	19.53		
15	64QAM	36	39	19.63	19.66	19.55	19.51	19.45	21	1.5
15	64QAM	75	0	19.62	19.71	19.61	19.55	19.49		
15	64QAM	100	0	19.62	19.74	19.61	19.55	19.49		
Channel				39700	40140	40580	41000	41480		
Frequency (MHz)				2501	2542	2583	2623	2664	Turn-up limit (dBm)	MPR (dB)
10	QPSK	1	0	21.03	21.06	20.92	20.91	20.94	22.5	0
10	QPSK	1	25	21.10	21.14	20.92	20.89	20.96		
10	QPSK	1	49	21.09	21.08	21.03	20.94	20.86		
10	QPSK	25	0	21.09	21.17	20.91	21.00	20.91		
10	QPSK	25	12	21.07	21.15	20.93	20.83	20.96	22.5	0
10	QPSK	25	12	21.07	21.11	21.01	20.87	20.93		
10	QPSK	50	0	21.03	21.09	20.90	20.88	20.90		
10	16QAM	1	0	21.01	21.16	21.01	20.88	21.00		
10	16QAM	1	25	21.05	21.13	20.91	20.95	20.92	22.5	0
10	16QAM	1	49	21.03	21.16	20.92	20.88	20.93		
10	16QAM	25	0	20.67	20.76	20.66	20.59	20.53		
10	16QAM	25	12	20.67	20.75	20.66	20.63	20.59		
10	16QAM	25	25	20.70	20.77	20.66	20.57	20.54	22	0.5
10	16QAM	50	0	20.66	20.78	20.69	20.59	20.63		
10	64QAM	1	0	20.34	20.51	20.37	20.36	20.29		
10	64QAM	1	24	20.42	20.58	20.42	20.37	20.31	22	0.5
10	64QAM	1	49	20.43	20.42	20.38	20.29	20.29		
10	64QAM	25	0	19.62	19.80	19.67	19.63	19.61		
10	64QAM	25	12	19.74	19.78	19.69	19.65	19.62	21	1.5
10	64QAM	25	25	19.68	19.78	19.68	19.61	19.57		
10	64QAM	50	0	19.67	19.72	19.64	19.58	19.56		
Channel				39675	40144	40583	41003	41585	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2590	2640.30	2687.5		
5	QPSK	1	0	21.05	21.06	20.93	20.96	20.89	22.5	0
5	QPSK	1	12	21.09	21.17	20.96	20.91	20.87		
5	QPSK	1	24	20.99	21.11	20.95	21.02	20.94		
5	QPSK	12	0	21.00	21.17	20.91	20.80	20.94		
5	QPSK	12	7	21.08	21.13	20.98	20.87	20.93	22.5	0
5	QPSK	12	13	21.07	21.07	20.92	21.01	20.87		
5	QPSK	25	0	21.03	21.17	20.98	20.97	20.89		
5	16QAM	1	0	21.01	21.15	20.93	21.01	20.94		
5	16QAM	1	12	21.12	21.03	20.94	20.89	20.94	22.5	0
5	16QAM	1	24	20.99	21.08	20.94	20.97	20.93		
5	16QAM	12	0	20.55	20.74	20.61	20.51	20.50		
5	16QAM	12	7	20.60	20.66	20.56	20.50	20.53		
5	16QAM	12	13	20.57	20.67	20.57	20.50	20.51	22	0.5
5	16QAM	25	0	20.67	20.75	20.66	20.59	20.60		
5	64QAM	1	0	20.33	20.51	20.37	20.37	20.34		
5	64QAM	1	12	20.48	20.48	20.42	20.39	20.28	22	0.5
5	64QAM	1	24	20.37	20.47	20.41	20.31	20.32		
5	64QAM	12	0	19.56	19.73	19.65	19.60	19.61		
5	64QAM	12	7	19.60	19.73	19.64	19.54	19.55	21	1.5
5	64QAM	12	13	19.67	19.71	19.65	19.63	19.61		
5	64QAM	25	0	19.56	19.73	19.65	19.58	19.64		

Band 41 (HPUE)_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Low Middle Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Power High Ch./Freq	Time-udp (ms)	MPR (dB)	
Channel											
	Frequency (MHz)			39750	40185	40620	41055	41490			
20	QPSK	1	0	2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.92	23.98	23.85	23.80	23.76	25.5	0	
20	QPSK	1	49	23.86	23.92	23.86	23.80	23.74			
20	QPSK	1	99	23.81	23.90	23.85	23.84	23.82			
20	QPSK	50	0	23.89	23.99	23.89	23.88	23.72			
20	QPSK	50	24	23.93	24.05	23.90	23.92	23.86	25.5	0	
20	QPSK	50	50	23.80	24.00	23.82	23.83	23.81			
20	QPSK	100	0	23.91	23.92	23.86	23.82	23.78			
20	16QAM	1	0	23.92	23.94	23.82	23.82	23.71			
20	16QAM	1	49	23.83	23.93	23.79	23.90	23.85	25.5	0	
20	16QAM	1	99	23.88	24.00	23.81	23.78	23.75			
20	16QAM	50	0	23.48	23.58	23.53	23.47	23.46			
20	16QAM	50	24	23.57	23.64	23.52	23.50	23.46	25.5	0.5	
20	16QAM	50	50	23.65	23.67	23.58	23.58	23.38			
20	16QAM	100	0	23.53	23.59	23.52	23.42	23.44			
20	64QAM	1	0	23.40	23.46	23.44	23.40	23.36			
20	64QAM	1	49	23.55	23.66	23.59	23.51	23.47	25.5	0.5	
20	64QAM	1	99	23.46	23.55	23.51	23.39	23.31			
20	64QAM	50	0	22.44	22.46	22.46	22.46	22.42			
20	64QAM	50	24	22.48	22.50	22.48	22.46	22.38	24	1.5	
20	64QAM	50	50	22.47	22.58	22.49	22.44	22.33			
20	64QAM	100	0	22.51	22.57	22.48	22.34	22.38			
Channel											
	Frequency (MHz)			39725	40173	40620	41068	41515	Time-udp (ms)	MPR (dB)	
15	QPSK	1	0	23.43	23.43	23.93	23.97	24.02			
15	QPSK	1	37	23.92	23.90	23.82	23.79	23.73	25.5	0	
15	QPSK	1	74	23.91	24.04	23.91	23.86	23.76			
15	QPSK	36	0	23.80	23.95	23.78	23.80	23.73			
15	QPSK	36	20	23.86	24.04	23.92	23.81	23.81	25.5	0	
15	QPSK	36	39	23.78	24.01	23.78	23.81	23.85			
15	QPSK	50	0	23.85	24.02	23.83	23.83	23.77			
15	16QAM	1	0	23.92	24.03	23.86	23.89	23.74			
15	16QAM	1	37	23.78	23.90	23.81	23.86	23.74	25.5	0	
15	16QAM	1	74	23.79	23.97	23.80	23.81	23.85			
15	16QAM	36	0	23.52	23.56	23.48	23.46	23.36			
15	16QAM	36	39	23.45	23.59	23.47	23.47	23.38	25.5	0.5	
15	16QAM	36	50	23.53	23.59	23.47	23.40	23.36			
15	16QAM	75	0	23.54	23.64	23.55	23.47	23.37			
15	64QAM	1	0	23.48	23.59	23.48	23.45	23.40			
15	64QAM	1	37	23.58	23.65	23.53	23.51	23.38	25.5	0.5	
15	64QAM	1	74	23.61	23.68	23.54	23.54	23.32			
15	64QAM	36	0	22.51	22.60	22.46	22.44	22.32			
15	64QAM	36	20	22.50	22.57	22.44	22.40	22.36	24	1.5	
15	64QAM	36	39	22.49	22.57	22.46	22.37	22.32			
15	64QAM	75	0	22.48	22.58	22.51	22.51	22.28			
Channel											
	Frequency (MHz)			39740	40180	40620	41060	41500	Time-udp (ms)	MPR (dB)	
10	QPSK	1	0	2547	2547	2603	2603	2657.5			
10	QPSK	1	25	23.90	23.92	23.84	23.85	23.82			
10	QPSK	1	49	23.91	24.04	23.89	23.77	23.72			
10	QPSK	25	0	23.91	24.04	23.85	23.85	23.72			
10	QPSK	25	12	23.91	23.95	23.86	23.91	23.81	25.5	0	
10	QPSK	25	12	23.90	24.01	23.86	23.87	23.75			
10	QPSK	50	0	23.82	23.96	23.86	23.83	23.73			
10	16QAM	1	0	23.81	24.00	23.92	23.81	23.71			
10	16QAM	1	25	23.82	23.91	23.87	23.91	23.82	25.5	0	
10	16QAM	1	49	23.82	23.95	23.79	23.77	23.81			
10	16QAM	25	0	23.85	23.70	23.56	23.56	23.48			
10	16QAM	25	12	23.80	23.64	23.54	23.52	23.49	25	0.5	
10	16QAM	25	25	23.60	23.64	23.54	23.49	23.50			
10	16QAM	50	0	23.63	23.65	23.54	23.49	23.49			
10	64QAM	1	0	23.54	23.62	23.59	23.50	23.44			
10	64QAM	1	0	23.65	23.71	23.68	23.58	23.42	25.5	0.5	
10	64QAM	1	49	23.57	23.62	23.60	23.48	23.43			
10	64QAM	25	0	22.58	22.69	22.59	22.56	22.51			
10	64QAM	25	12	22.64	22.68	22.57	22.53	22.52	24	1.5	
10	64QAM	25	25	22.67	22.68	22.57	22.52	22.48			
10	64QAM	50	0	22.65	22.67	22.56	22.42	22.48			
Channel											
	Frequency (MHz)			2489.5	2545.8	2603	2660.30	2697.5	Time-udp (ms)	MPR (dB)	
5	QPSK	1	0	23.85	24.01	23.87	23.90	23.83			
5	QPSK	1	12	23.83	23.96	23.83	23.77	23.72	25.5	0	
5	QPSK	1	24	23.90	23.95	23.90	23.79	23.81			
5	QPSK	12	0	23.83	23.96	23.82	23.79	23.80			
5	QPSK	12	12	23.88	24.04	23.86	23.77	23.71	25.5	0	
5	QPSK	12	13	23.90	24.00	23.79	23.79	23.77			
5	QPSK	25	0	23.88	23.96	23.78	23.88	23.85			
5	16QAM	1	0	23.92	23.93	23.89	23.80	23.77			
5	16QAM	1	12	23.85	23.91	23.78	23.83	23.78	25.5	0	
5	16QAM	1	24	23.89	24.02	23.88	23.82	23.71			
5	16QAM	12	0	23.53	23.67	23.55	23.51	23.48			
5	16QAM	12	7	23.48	23.63	23.50	23.44	23.43	25	0.5	
5	16QAM	12	13	23.53	23.63	23.50	23.45	23.45			
5	16QAM	25	0	23.61	23.67	23.53	23.50	23.50			
5	64QAM	1	0	23.68	23.68	23.56	23.46	23.48	25.5	0.5	
5	64QAM	1	12	23.52	23.62	23.57	23.50	23.55			
5	64QAM	1	24	23.55	23.66	23.59	23.46	23.44			
5	64QAM	12	0	22.52	22.65	22.55	22.50	22.49			
5	64QAM	12	7	22.49	22.59	22.46	22.46	22.48	24	1.5	
5	64QAM	12	13	22.47	22.58	22.48	22.46	22.48			
5	64QAM	25	0	22.56	22.66	22.56	22.50	22.55			
5	64QAM	25	12	22.59	22.69	22.52	22.50	22.55			

Band 41_Ant 1(Other PA)											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Time-up (ms)	MPR (dB)	
Channel											
Frequency (MHz)											
20	QPSK	1	0	2100	2100	2086	2108	2090			
20	QPSK	1	49	20.86	20.86	20.71	20.88	20.88	22.5	0	
20	QPSK	1	99	20.86	21.01	20.92	21.08	20.90			
20	QPSK	50	0	20.89	20.80	20.71	20.88	20.84			
20	QPSK	50	24	20.87	20.85	20.85	20.85	20.86	22.5	0	
20	QPSK	50	50	20.87	20.81	20.79	20.81	20.79			
20	QPSK	100	0	20.86	20.81	20.71	20.88	20.81			
20	16QAM	1	0	20.90	20.86	20.79	21.02	20.75			
20	16QAM	1	49	21.06	21.00	20.90	21.05	20.84	22.5	0	
20	16QAM	1	99	20.93	20.95	20.81	21.02	20.85			
20	16QAM	50	0	20.43	20.39	20.45	20.45	20.31			
20	16QAM	50	24	20.43	20.45	20.46	20.36	20.34	22	0.5	
20	16QAM	50	50	20.38	20.35	20.26	20.35	20.27			
20	16QAM	100	0	20.40	20.28	20.35	20.23	20.28			
20	64QAM	1	0	20.53	20.40	20.45	20.51	20.46			
20	64QAM	1	49	20.54	20.46	20.44	20.53	20.48	22	0.5	
20	64QAM	1	99	20.58	20.52	20.43	20.41	20.49			
20	64QAM	50	0	19.43	19.36	19.36	19.33	19.21			
20	64QAM	50	24	19.45	19.38	19.36	19.42	19.23			
20	64QAM	50	50	19.37	19.26	19.30	19.25	19.15	21	1.5	
20	64QAM	100	0	19.32	19.28	19.22	19.28	19.17			
Channel											
Frequency (MHz)										Time-up (ms)	MPR (dB)
15	QPSK	1	0	20025	20473	20032	21058	21025			
15	QPSK	1	49	20.02	20.02	20.02	20.07	20.07	22.5	0	
15	QPSK	1	99	21.00	20.92	20.87	21.09	20.78			
15	QPSK	50	0	20.92	20.96	20.77	21.04	20.80			
15	QPSK	36	0	20.74	20.74	20.56	20.74	20.81			
15	QPSK	36	20	20.83	20.80	20.71	20.93	20.78	22.5	0	
15	QPSK	36	39	20.81	20.70	20.64	20.85	20.69			
15	QPSK	75	0	20.78	20.71	20.61	20.73	20.72			
15	16QAM	1	0	20.80	20.79	20.73	20.99	20.69			
15	16QAM	1	37	21.00	20.88	20.81	21.05	20.79	22.5	0	
15	16QAM	1	74	20.79	20.90	20.73	20.89	20.76			
15	16QAM	36	0	20.38	20.24	20.35	20.34	20.17			
15	16QAM	36	20	20.42	20.31	20.31	20.42	20.29	22	0.5	
15	16QAM	36	39	20.22	20.20	20.19	20.14	20.24			
15	16QAM	75	0	20.26	20.14	20.23	20.20	20.21			
15	64QAM	1	0	20.44	20.31	20.32	20.46	20.34			
15	64QAM	1	37	20.45	20.31	20.36	20.44	20.43	22	0.5	
15	64QAM	1	74	20.42	20.40	20.35	20.40	20.38			
15	64QAM	36	0	19.28	19.18	19.27	19.23	19.07			
15	64QAM	36	20	19.35	19.28	19.27	19.27	19.22			
15	64QAM	36	39	19.23	19.18	19.22	19.23	19.11	21	1.5	
15	64QAM	75	0	19.34	19.18	19.16	19.15	19.07			
Channel										Time-up (ms)	MPR (dB)
Frequency (MHz)											
10	QPSK	1	0	20.85	20.93	20.80	20.98	20.88			
10	QPSK	1	25	21.07	20.97	20.90	20.97	20.90	22.5	0	
10	QPSK	1	49	20.84	20.95	20.87	21.05	20.79			
10	QPSK	25	0	20.82	20.71	20.56	20.84	20.81			
10	QPSK	25	12	20.83	20.84	20.72	20.93	20.84	22.5	0	
10	QPSK	25	25	20.82	20.68	20.71	20.97	20.84			
10	QPSK	50	0	20.86	20.73	20.64	20.79	20.68			
10	16QAM	1	0	20.81	20.78	20.73	21.01	20.69			
10	16QAM	1	25	20.91	20.94	20.80	20.92	20.69	22.5	0	
10	16QAM	1	49	20.82	20.90	20.69	20.87	20.85			
10	16QAM	25	0	20.38	20.30	20.32	20.36	20.18			
10	16QAM	25	12	20.38	20.33	20.32	20.33	20.26	22	0.5	
10	16QAM	25	25	20.28	20.27	20.18	20.14	20.17			
10	16QAM	50	0	20.27	20.15	20.29	20.11	20.18			
10	64QAM	1	0	20.38	20.35	20.34	20.47	20.43			
10	64QAM	1	25	20.42	20.36	20.36	20.49	20.38	22	0.5	
10	64QAM	1	49	20.50	20.44	20.33	20.27	20.39			
10	64QAM	25	0	19.26	19.25	19.30	19.25	19.15			
10	64QAM	25	12	19.34	19.30	19.24	19.38	19.22			
10	64QAM	25	25	19.27	19.19	19.17	19.19	19.08	21	1.5	
Channel										Time-up (ms)	MPR (dB)
Frequency (MHz)											
5	QPSK	1	0	20.83	20.86	20.76	20.97	20.79			
5	QPSK	1	12	21.03	20.96	20.84	21.03	20.87	22.5	0	
5	QPSK	1	24	20.90	20.87	20.82	20.96	20.87			
5	QPSK	12	0	20.81	20.65	20.60	20.74	20.71			
5	QPSK	12	7	20.88	20.82	20.72	20.92	20.72	22.5	0	
5	QPSK	12	13	20.73	20.75	20.68	20.79	20.71			
5	QPSK	25	0	20.79	20.69	20.66	20.73	20.79			
5	16QAM	1	0	20.76	20.71	20.64	20.98	20.62			
5	16QAM	1	12	21.00	20.93	20.77	20.95	20.69	22.5	0	
5	16QAM	1	24	20.87	20.82	20.73	20.97	20.73			
5	16QAM	12	0	20.34	20.24	20.39	20.40	20.22			
5	16QAM	12	7	20.35	20.34	20.33	20.28	20.29	22	0.5	
5	16QAM	12	13	20.21	20.27	20.12	20.16	20.19			
5	16QAM	25	0	20.28	20.17	20.26	20.13	20.19			
5	64QAM	1	0	20.33	20.38	20.36	20.43	20.33			
5	64QAM	1	12	20.45	20.40	20.38	20.43	20.35	22	0.5	
5	64QAM	1	24	20.44	20.41	20.30	20.41	20.44			
5	64QAM	12	0	19.34	19.17	19.22	19.24	19.08			
5	64QAM	12	7	19.33	19.28	19.29	19.30	19.22			
5	64QAM	12	13	19.18	19.16	19.11	19.15	19.05	21	1.5	
5	64QAM	25	0	19.21	19.11	19.11	19.25	19.18			

Reduced Power Mode for Handheld On

Band 41_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	21.50	21.82	21.63	21.55	21.62	23	0		
20	QPSK	1	49	21.68	21.95	21.76	21.67	21.70				
20	QPSK	1	99	21.58	21.71	21.66	21.60	21.67				
20	QPSK	50	0	21.47	21.76	21.68	21.62	21.60				
20	QPSK	50	24	21.57	21.81	21.65	21.58	21.63	23	0		
20	QPSK	50	50	21.52	21.78	21.67	21.54	21.50				
20	QPSK	100	0	21.54	21.74	21.66	21.57	21.57				
20	16QAM	1	0	21.47	21.64	21.58	21.61	21.52				
20	16QAM	1	49	21.54	21.80	21.62	21.78	21.74	23	0		
20	16QAM	1	99	21.58	21.75	21.67	21.57	21.59				
20	16QAM	50	0	21.55	20.74	20.71	20.64	20.59				
20	16QAM	50	24	20.74	20.81	20.66	20.64	20.60				
20	16QAM	50	50	20.72	20.79	20.67	20.57	20.55	22	1		
20	16QAM	100	0	20.66	20.78	20.73	20.59	20.58				
20	64QAM	1	0	20.25	20.37	20.23	20.28	20.19				
20	64QAM	1	49	20.49	20.49	20.36	20.40	20.34				
20	64QAM	1	99	20.39	20.42	20.38	20.24	20.21	22	1		
20	64QAM	50	0	19.63	19.72	19.64	19.58	19.56				
20	64QAM	50	24	19.69	19.79	19.66	19.60	19.55				
20	64QAM	50	50	19.70	19.75	19.67	19.53	19.51				
20	64QAM	100	0	19.70	19.74	19.68	19.53	19.56	21	2		
Channel				39725	40173	40620	41068	41515				
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	21.61	21.81	21.69	21.60	21.63	23	0		
15	QPSK	1	37	21.64	21.73	21.71	21.57	21.68				
15	QPSK	1	74	21.55	21.73	21.74	21.56	21.62				
15	QPSK	36	0	21.43	21.57	21.57	21.54	21.51				
15	QPSK	36	20	21.48	21.67	21.58	21.57	21.51	23	0		
15	QPSK	36	39	21.48	21.71	21.59	21.54	21.49				
15	QPSK	75	0	21.41	21.73	21.65	21.60	21.54				
15	16QAM	1	0	21.43	21.53	21.56	21.60	21.64				
15	16QAM	1	37	21.61	21.79	21.82	21.76	21.58	23	0		
15	16QAM	1	74	21.53	21.76	21.76	21.67	21.59				
15	16QAM	36	0	20.55	20.65	20.55	20.56	20.45				
15	16QAM	36	20	20.55	20.68	20.56	20.53	20.48				
15	16QAM	36	39	20.60	20.65	20.57	20.49	20.44	22	1		
15	16QAM	75	0	20.64	20.73	20.60	20.58	20.53				
15	64QAM	1	0	20.27	20.39	20.28	20.30	20.24				
15	64QAM	1	37	20.40	20.47	20.45	20.44	20.29				
15	64QAM	1	74	20.34	20.49	20.35	20.27	20.24	22	1		
15	64QAM	36	0	19.59	19.71	19.57	19.59	19.46				
15	64QAM	36	20	19.59	19.70	19.56	19.58	19.53				
15	64QAM	36	39	19.63	19.66	19.55	19.51	19.45				
15	64QAM	75	0	19.62	19.71	19.61	19.55	19.49	21	2		
Channel				39675	40148	40620	41080	41540				
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	21.59	21.78	21.61	21.56	21.66	23	0		
10	QPSK	1	25	21.51	21.72	21.72	21.65	21.58				
10	QPSK	1	49	21.64	21.73	21.66	21.64	21.64				
10	QPSK	25	0	21.43	21.58	21.65	21.64	21.59				
10	QPSK	25	12	21.48	21.69	21.68	21.60	21.56	23	0		
10	QPSK	25	25	21.51	21.75	21.65	21.57	21.58				
10	QPSK	50	0	21.48	21.78	21.66	21.62	21.60				
10	16QAM	1	0	21.52	21.64	21.67	21.68	21.62				
10	16QAM	1	25	21.57	21.74	21.82	21.81	21.68	23	0		
10	16QAM	1	49	21.67	21.77	21.76	21.73	21.70				
10	16QAM	25	0	20.60	20.76	20.82	20.65	20.57				
10	16QAM	25	12	20.67	20.75	20.66	20.63	20.59				
10	16QAM	25	25	20.70	20.77	20.66	20.57	20.54	22	1		
10	16QAM	50	0	20.66	20.78	20.69	20.59	20.63				
10	64QAM	1	0	20.34	20.51	20.37	20.36	20.29				
10	64QAM	1	25	20.42	20.58	20.41	20.39	20.33				
10	64QAM	1	49	20.43	20.42	20.38	20.29	20.29	22	1		
10	64QAM	25	0	19.62	19.80	19.67	19.63	19.61				
10	64QAM	25	12	19.74	19.78	19.69	19.65	19.62				
10	64QAM	25	25	19.69	19.78	19.68	19.61	19.57				
10	64QAM	50	0	19.63	19.72	19.64	19.58	19.58	21	2		
Channel				39675	40148	40620	41093	41565				
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	21.61	21.80	21.67	21.59	21.67	23	0		
5	QPSK	1	12	21.61	21.78	21.67	21.64	21.58				
5	QPSK	1	24	21.58	21.77	21.61	21.53	21.65				
5	QPSK	12	0	21.47	21.57	21.66	21.65	21.63				
5	QPSK	12	7	21.40	21.73	21.66	21.61	21.60	23	0		
5	QPSK	12	13	21.47	21.71	21.61	21.55	21.63				
5	QPSK	25	0	21.49	21.57	21.61	21.59	21.55				
5	16QAM	1	0	21.59	21.66	21.72	21.72	21.69				
5	16QAM	1	12	21.59	21.72	21.75	21.68	21.68	23	0		
5	16QAM	1	24	21.56	21.73	21.77	21.76	21.71				
5	16QAM	12	0	20.55	20.74	20.61	20.61	20.50				
5	16QAM	12	7	20.60	20.66	20.56	20.50	20.53				
5	16QAM	12	13	20.57	20.67	20.57	20.50	20.51	22	1		
5	16QAM	25	0	20.67	20.75	20.66	20.59	20.60				
5	64QAM	1	0	20.32	20.51	20.40	20.38	20.34				
5	64QAM	1	12	20.48	20.48	20.42	20.39	20.26				
5	64QAM	1	24	20.37	20.47	20.41	20.31	20.32	22	1		
5	64QAM	12	0	19.56	19.73	19.55	19.60	19.61				
5	64QAM	12	7	19.60	19.73	19.64	19.54	19.55				
5	64QAM	12	13	19.62	19.71	19.55	19.53	19.51				
5	64QAM	25	0	19.66	19.79	19.65	19.59	19.64	21	2		

Band 41 (HPUE)_Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Low Middle Ch./ Freq.	Power Middle Ch./ Freq.	Power High Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel														
Frequency (MHz)														
20	QPSK	1	0	2456	2449.5	2593	2636.5	2680	26	0				
20	QPSK	1	49	2458	2470	2456	2441	2445						
20	QPSK	1	99	2448	2470	2452	2444	2445						
20	QPSK	50	0	2441	2458	2451	2445	2445						
20	QPSK	50	24	2455	2465	2455	2447	2444						
20	QPSK	50	50	2451	2460	2454	2445	2443	26	0				
20	16QAM	1	0	2449	2460	2451	2445	2443						
20	16QAM	1	0	2454	2469	2456	2453	2448						
20	16QAM	1	49	2463	2466	2470	2463	2463						
20	16QAM	1	99	2463	2466	2459	2454	2447						
20	16QAM	50	0	2348	2358	2353	2347	2348	25	1				
20	16QAM	50	24	2357	2367	2351	2350	2348						
20	16QAM	50	50	2352	2363	2352	2343	2348						
20	16QAM	100	0	2353	2359	2352	2342	2344						
20	16QAM	1	0	2340	2346	2344	2340	2336						
20	16QAM	1	49	2355	2366	2359	2351	2347	24	2				
20	16QAM	50	24	2347	2356	2346	2341	2338						
20	16QAM	50	0	2244	2256	2246	2241	2242						
20	16QAM	50	24	2248	2259	2248	2246	2238						
20	16QAM	50	50	2247	2258	2249	2244	2233						
Channel														
Frequency (MHz)														
15	QPSK	1	0	3929	4019	4000	4108	4151	26	0				
15	QPSK	1	49	3945	3948.5	3949	3949	3949						
15	QPSK	1	37	2481	2458	2455	2443	2440						
15	QPSK	1	74	2455	2464	2452	2447	2440						
15	QPSK	36	0	2451	2462	2448	2445	2439						
15	QPSK	36	20	2451	2462	2448	2443	2439	26	0				
15	QPSK	36	50	2453	2458	2446	2441	2438						
15	QPSK	75	0	2455	2461	2453	2447	2443						
15	16QAM	1	0	2456	2475	2464	2456	2449						
15	16QAM	1	37	2468	2466	2474	2470	2454						
15	16QAM	1	74	2477	2474	2474	2457	2450	26	0				
15	16QAM	36	0	2337	2346	2348	2346	2338						
15	16QAM	36	20	2345	2359	2347	2344	2338						
15	16QAM	36	39	2342	2355	2347	2340	2336						
15	16QAM	75	0	2354	2364	2355	2347	2337						
15	16QAM	1	0	2346	2358	2348	2345	2340	25	1				
15	16QAM	36	37	2358	2368	2359	2351	2338						
15	16QAM	1	24	2351	2360	2354	2336	2333						
15	16QAM	36	0	2251	2260	2246	2244	2232						
15	16QAM	36	20	2250	2257	2244	2240	2238						
15	16QAM	36	39	2249	2257	2246	2237	2232	24	2				
15	16QAM	75	0	2248	2256	2251	2251	2238						
Channel														
Frequency (MHz)														
10	QPSK	1	0	2452	2463	2456	2443	2445				26	0	
10	QPSK	1	25	2448	2467	2448	2448	2445						
10	QPSK	1	49	2455	2466	2459	2446	2445						
10	QPSK	25	0	2441	2463	2453	2446	2453						
10	QPSK	25	25	2451	2457	2452	2446	2447						
10	QPSK	25	35	2459	2454	2452	2442	2446	26	0				
10	QPSK	50	0	2455	2467	2454	2448	2447						
10	16QAM	1	0	2469	2474	2471	2467	2463						
10	16QAM	1	25	2467	2470	2473	2468	2464						
10	16QAM	1	49	2475	2468	2470	2470	2459						
10	16QAM	25	0	2355	2370	2355	2353	2349	25	1				
10	16QAM	25	12	2360	2364	2354	2352	2349						
10	16QAM	25	25	2360	2364	2354	2349	2350						
10	16QAM	50	0	2363	2365	2354	2349	2349						
10	16QAM	1	0	2354	2362	2359	2350	2344						
10	16QAM	25	0	2355	2371	2356	2354	2352	25	1				
10	16QAM	1	49	2357	2362	2360	2348	2343						
10	16QAM	25	0	2258	2269	2259	2256	2251						
10	16QAM	25	12	2264	2268	2257	2253	2252						
10	16QAM	25	25	2267	2265	2257	2252	2248						
10	16QAM	50	0	2247	2255	2252	2253	2238	24	2				
Channel														
Frequency (MHz)														
5	QPSK	1	0	2458	2545.8	2593	2660.30	2697.5				26	0	
5	QPSK	1	12	2449	2459	2447	2438	2448						
5	QPSK	1	24	2458	2471	2451	2441	2446						
5	QPSK	12	0	2450	2467	2451	2450	2449						
5	QPSK	12	6	2451	2465	2452	2444	2444						
5	QPSK	12	13	2452	2462	2449	2444	2440	26	0				
5	QPSK	25	0	2452	2466	2450	2448	2446						
5	16QAM	1	0	2467	2473	2470	2466	2459						
5	16QAM	1	12	2473	2471	2470	2468	2462						
5	16QAM	1	24	2470	2470	2478	2478	2457						
5	16QAM	12	0	2353	2367	2355	2351	2348	25	1				
5	16QAM	12	7	2348	2363	2350	2344	2343						
5	16QAM	12	13	2353	2363	2350	2345	2345						
5	16QAM	25	0	2361	2367	2353	2350	2350						
5	16QAM	25	1	2365	2368	2356	2352	2350						
5	16QAM	1	12	2352	2362	2357	2350	2356	25	1				
5	16QAM	1	24	2355	2366	2359	2346	2344						
5	16QAM	12	0	2252	2265	2255	2250	2249						
5	16QAM	12	7	2249	2258	2244	2246	2248						
5	16QAM	12	13	2256	2262	2246	2246	2246						
5	16QAM	25	0	2259	2265	2252	2250	2251	24	2				
5	16QAM	25	13	2259	2265	2252	2250	2251						

Reduced Power Mode for Sensor On

Band 41_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Time-up limit (dBm)	MPR (dB)		
Channel												
Frequency (MHz)				2506	2549.5	2590	2636.5	2680				
20	QPSK	1	0	21.01	21.14	21.03	20.90	20.85	22.5	0		
20	QPSK	1	49	21.15	21.20	21.08	21.06	21.03				
20	QPSK	1	99	21.09	21.07	21.02	20.92	20.86				
20	QPSK	50	0	21.05	21.12	20.98	20.90	20.86				
20	QPSK	50	24	21.13	21.18	21.05	21.03	21.01				
20	QPSK	50	50	21.00	21.15	20.94	20.96	20.90	22.5	0		
20	QPSK	100	0	21.12	21.15	20.91	20.90	20.97				
20	16QAM	1	0	21.11	21.06	20.93	20.98	20.94				
20	16QAM	1	49	21.03	21.10	20.91	20.91	20.95				
20	16QAM	1	99	21.08	21.03	20.96	20.98	20.97				
20	16QAM	50	0	20.95	20.74	20.71	20.64	20.59	22	0.5		
20	16QAM	80	24	20.74	20.81	20.86	20.64	20.60				
20	16QAM	50	50	20.72	20.79	20.67	20.57	20.55				
20	16QAM	100	0	20.68	20.78	20.73	20.59	20.58				
20	64QAM	1	0	20.25	20.37	20.23	20.28	20.19				
20	64QAM	1	49	20.49	20.49	20.36	20.40	20.34	22	0.5		
20	64QAM	1	99	20.39	20.42	20.36	20.24	20.21				
20	64QAM	50	0	19.63	19.72	19.64	19.58	19.56				
20	64QAM	50	24	19.69	19.79	19.66	19.60	19.55				
20	64QAM	50	50	19.70	19.75	19.67	19.53	19.51				
20	64QAM	100	0	19.70	19.74	19.68	19.53	19.56	21	1.5		
Channel												
Frequency (MHz)				39725	40175	40620	41058	41515				
15	QPSK	1	0	21.01	21.14	21.00	20.90	20.85	22.5	0		
15	QPSK	1	37	21.08	21.07	21.04	20.97	20.86				
15	QPSK	1	74	21.07	21.14	21.00	20.88	21.00				
15	QPSK	36	0	21.08	21.13	21.01	20.94	20.91				
15	QPSK	36	20	21.10	21.06	20.95	20.92	20.87				
15	QPSK	36	39	21.03	21.12	20.92	20.96	20.92	22.5	0		
15	QPSK	75	0	21.01	21.11	21.01	21.00	20.92				
15	16QAM	1	0	20.99	21.04	20.92	20.92	20.98				
15	16QAM	1	37	20.99	21.04	20.91	21.01	20.90				
15	16QAM	1	74	20.99	21.10	20.98	20.94	20.96				
15	16QAM	36	0	20.55	20.65	20.55	20.56	20.45	22	0.5		
15	16QAM	36	20	20.60	20.68	20.57	20.49	20.44				
15	16QAM	36	39	20.64	20.73	20.60	20.58	20.53				
15	16QAM	75	0	20.27	20.39	20.26	20.30	20.24				
15	64QAM	1	0	20.35	20.46	20.32	20.36	20.29				
15	64QAM	1	74	20.34	20.49	20.35	20.27	20.24	22	0.5		
15	64QAM	36	0	19.59	19.71	19.57	19.59	19.46				
15	64QAM	36	20	19.56	19.70	19.56	19.58	19.53				
15	64QAM	36	39	19.63	19.66	19.55	19.51	19.45				
15	64QAM	75	0	19.62	19.71	19.61	19.55	19.49			21	1.5
Channel												
Frequency (MHz)				25951	26547	26993	27438	27895				
10	QPSK	1	0	21.03	21.06	20.92	20.91	20.84	22.5	0		
10	QPSK	1	25	21.10	21.14	20.92	20.89	20.86				
10	QPSK	1	49	21.09	21.08	21.03	20.94	20.86				
10	QPSK	25	0	21.09	21.17	20.91	21.00	20.91				
10	QPSK	25	12	21.07	21.16	20.93	20.93	20.96				
10	QPSK	25	25	21.12	21.11	21.04	21.00	20.89	22.5	0		
10	QPSK	50	0	21.03	21.09	20.90	20.88	20.90				
10	16QAM	1	0	21.01	21.16	21.01	20.88	21.00				
10	16QAM	1	25	21.05	21.13	20.91	20.95	20.92				
10	16QAM	1	49	21.03	21.16	20.92	20.88	20.93				
10	16QAM	25	0	20.80	20.76	20.62	20.65	20.57	22	0.5		
10	16QAM	25	12	20.67	20.75	20.66	20.63	20.59				
10	16QAM	25	25	20.70	20.77	20.66	20.57	20.54				
10	16QAM	50	0	20.66	20.78	20.69	20.59	20.63				
10	64QAM	1	0	20.34	20.51	20.37	20.36	20.29				
10	64QAM	1	25	20.42	20.58	20.41	20.39	20.33	22	0.5		
10	64QAM	1	49	20.43	20.42	20.38	20.29	20.25				
10	64QAM	25	0	19.62	19.60	19.67	19.63	19.61				
10	64QAM	25	12	19.74	19.78	19.69	19.65	19.62				
10	64QAM	25	25	19.69	19.78	19.68	19.61	19.57				
10	64QAM	50	0	19.63	19.72	19.64	19.58	19.58	21	1.5		
Channel												
Frequency (MHz)				39675	41144	40620	41063	41557				
5	QPSK	1	0	21.05	21.06	20.93	20.96	20.89	22.5	0		
5	QPSK	1	12	21.00	21.17	20.96	20.91	20.87				
5	QPSK	1	24	20.99	21.11	20.95	21.02	20.94				
5	QPSK	12	0	21.00	21.17	20.91	20.90	20.94				
5	QPSK	12	7	21.08	21.13	20.98	20.97	20.98				
5	QPSK	12	13	21.07	21.07	20.92	21.01	20.87	22.5	0		
5	QPSK	25	0	21.03	21.17	20.98	20.97	20.89				
5	16QAM	1	0	21.01	21.15	20.93	21.01	20.94				
5	16QAM	1	12	21.12	21.03	20.94	20.89	20.94				
5	16QAM	1	24	20.99	21.08	21.02	20.97	20.89				
5	16QAM	12	0	20.55	20.74	20.61	20.61	20.50	22	0.5		
5	16QAM	12	7	20.60	20.66	20.56	20.50	20.53				
5	16QAM	12	13	20.57	20.67	20.57	20.50	20.51				
5	16QAM	25	0	20.67	20.75	20.66	20.59	20.60				
5	64QAM	1	0	20.33	20.51	20.40	20.38	20.34				
5	64QAM	1	12	20.46	20.48	20.42	20.39	20.26	22	0.5		
5	64QAM	1	24	20.37	20.47	20.41	20.31	20.32				
5	64QAM	12	0	19.56	19.73	19.65	19.60	19.61				
5	64QAM	12	7	19.60	19.73	19.64	19.54	19.55				
5	64QAM	12	13	19.62	19.71	19.55	19.53	19.51				
5	64QAM	25	0	19.60	19.78	19.65	19.59	19.64	21	1.5		

Band 41 (HPUE)_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Low Middle Ch./ Freq.	Power Middle Ch./ Freq.	Power High Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.92	23.98	23.85	23.80	23.76	25.5	0		
20	QPSK	1	49	23.95	24.05	23.95	23.95	23.88				
20	QPSK	1	99	23.81	23.90	23.85	23.84	23.82				
20	QPSK	50	0	23.89	23.99	23.89	23.88	23.72				
20	QPSK	50	24	23.93	24.05	23.93	23.92	23.89				
20	QPSK	80	50	23.80	24.00	23.82	23.83	23.81	25.5	0		
20	QPSK	100	0	23.91	24.02	23.91	23.90	23.83				
20	16QAM	1	0	23.92	23.94	23.82	23.82	23.71				
20	16QAM	1	49	23.83	23.93	23.79	23.90	23.85				
20	16QAM	1	99	23.88	24.00	23.81	23.78	23.75				
20	16QAM	50	0	23.48	23.58	23.53	23.47	23.46	25	0.5		
20	16QAM	50	24	23.57	23.94	23.52	23.50	23.46				
20	16QAM	50	50	23.52	23.63	23.52	23.43	23.38				
20	16QAM	100	0	23.53	23.59	23.52	23.42	23.44				
20	64QAM	1	0	23.40	23.46	23.44	23.40	23.36				
20	64QAM	1	49	23.55	23.66	23.59	23.51	23.47	25	0.5		
20	64QAM	1	99	23.46	23.46	23.51	23.36	23.31				
20	64QAM	50	0	22.44	22.56	22.46	22.41	22.42				
20	64QAM	50	24	22.48	22.59	22.48	22.48	22.28				
20	64QAM	50	50	22.47	22.58	22.48	22.44	22.33				
20	64QAM	100	0	22.51	22.57	22.44	22.34	22.38	24	1.5		
Channel												
Frequency (MHz)												
15	QPSK	1	0	23.75	23.83	23.74	23.74	23.62			25.5	0
15	QPSK	1	49	23.92	23.96	23.91	23.79	23.73				
15	QPSK	1	99	23.92	23.99	23.92	23.79	23.80				
15	QPSK	1	74	23.91	24.04	23.91	23.88	23.76				
15	QPSK	36	0	23.80	23.95	23.78	23.80	23.73				
15	QPSK	36	20	23.86	24.04	23.92	23.81	23.81	25.5	0		
15	QPSK	36	39	23.76	23.98	23.86	23.76	23.76				
15	QPSK	75	0	23.85	24.02	23.83	23.84	23.77				
15	16QAM	1	0	23.92	24.03	23.86	23.89	23.74				
15	16QAM	1	37	23.78	23.90	23.81	23.86	23.74				
15	16QAM	1	74	23.79	23.97	23.80	23.81	23.85	25.5	0		
15	16QAM	36	0	23.55	23.68	23.54	23.55	23.55				
15	16QAM	36	20	23.45	23.59	23.47	23.44	23.38				
15	16QAM	36	39	23.52	23.59	23.47	23.40	23.36				
15	16QAM	75	0	23.54	23.64	23.55	23.47	23.37				
15	64QAM	1	0	23.46	23.59	23.48	23.45	23.40	25	0.5		
15	64QAM	1	37	23.58	23.65	23.56	23.52	23.52				
15	64QAM	1	74	23.51	23.60	23.54	23.36	23.33				
15	64QAM	36	0	22.51	22.60	22.46	22.44	22.32				
15	64QAM	36	20	22.50	22.57	22.44	22.40	22.36				
15	64QAM	36	39	22.49	22.57	22.46	22.37	22.32	24	1.5		
15	64QAM	75	0	22.47	22.56	22.51	22.51	22.35				
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.90	23.92	23.84	23.85	23.82	25.5	0		
10	QPSK	1	25	23.82	23.92	23.82	23.78	23.73				
10	QPSK	1	49	23.91	24.04	23.88	23.77	23.72				
10	QPSK	1	74	23.91	24.04	23.85	23.85	23.72				
10	QPSK	15	0	23.89	23.96	23.86	23.86	23.73				
10	QPSK	25	25	23.80	24.01	23.87	23.81	23.75	25.5	0		
10	QPSK	50	0	23.82	23.96	23.86	23.83	23.73				
10	16QAM	1	0	23.81	24.00	23.92	23.81	23.71				
10	16QAM	1	25	23.82	23.91	23.87	23.91	23.82				
10	16QAM	1	49	23.82	23.96	23.86	23.77	23.77				
10	16QAM	25	25	23.55	23.70	23.55	23.53	23.49	25	0.5		
10	16QAM	25	12	23.60	23.64	23.54	23.52	23.49				
10	16QAM	25	25	23.63	23.65	23.54	23.49	23.50				
10	16QAM	1	0	23.54	23.62	23.56	23.50	23.41				
10	64QAM	1	25	23.55	23.73	23.54	23.53	23.52				
10	64QAM	1	49	23.57	23.62	23.60	23.48	23.43	25	0.5		
10	64QAM	25	0	22.58	22.69	22.59	22.56	22.51				
10	64QAM	25	12	22.64	22.68	22.57	22.53	22.52				
10	64QAM	25	25	22.67	22.69	22.57	22.52	22.48				
10	64QAM	50	0	22.47	22.62	22.53	22.43	22.43				
Channel												
Frequency (MHz)												
5	QPSK	1	0	24.98	25.45	25.93	26.40	26.75	25.5	0		
5	QPSK	1	12	23.83	23.96	23.83	23.77	23.72				
5	QPSK	1	24	23.90	23.95	23.90	23.79	23.81				
5	QPSK	12	0	23.81	23.99	23.86	23.77	23.79				
5	QPSK	12	7	23.88	24.04	23.86	23.83	23.71				
5	QPSK	12	13	23.90	24.00	23.79	23.79	23.77	25.5	0		
5	QPSK	25	0	23.88	23.96	23.79	23.88	23.85				
5	16QAM	1	0	23.92	23.93	23.88	23.80	23.77				
5	16QAM	1	12	23.85	23.91	23.78	23.83	23.78				
5	16QAM	1	24	23.85	24.00	23.79	23.82	23.71				
5	16QAM	12	0	23.53	23.67	23.55	23.51	23.48	25	0.5		
5	16QAM	12	7	23.48	23.63	23.50	23.44	23.43				
5	16QAM	12	13	23.53	23.63	23.50	23.45	23.45				
5	16QAM	25	0	23.61	23.67	23.53	23.50	23.50				
5	64QAM	1	25	23.58	23.68	23.56	23.48	23.47				
5	64QAM	1	12	23.52	23.62	23.57	23.50	23.55	25	0.5		
5	64QAM	1	24	23.55	23.66	23.59	23.46	23.49				
5	64QAM	12	0	22.52	22.65	22.55	22.49	22.44				
5	64QAM	12	7	22.49	22.59	22.44	22.46	22.48				
5	64QAM	12	13	22.47	22.56	22.44	22.43	22.45				
5	64QAM	25	0	22.56	22.66	22.52	22.50	22.51				

Reduced Power Mode for Sensor Off

Band 41_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Low Middle Ch./ Freq.	Power High Ch./ Freq.	Power High Middle Ch./ Freq.	Power High Ch./ Freq.	Power High Middle Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel												
Frequency (MHz)												
20	QPSK	1	0	22.39	22.51	22.34	22.39	22.35	22.35			
20	QPSK	1	49	22.61	22.65	22.55	22.55	22.47	22.47	24	0	
20	QPSK	1	99	22.47	22.54	22.48	22.37	22.31	22.31			
20	QPSK	50	0	21.47	21.76	21.88	21.82	21.80	21.80			
20	QPSK	50	24	21.52	21.81	21.89	21.84	21.80	21.80	23	1	
20	QPSK	50	50	21.52	21.78	21.87	21.59	21.50	21.50			
20	QPSK	100	0	21.55	21.74	21.68	21.57	21.57	21.57			
20	16QAM	1	0	21.47	21.64	21.88	21.61	21.52	21.52			
20	16QAM	1	49	21.64	21.89	21.82	21.78	21.74	21.74	23	1	
20	16QAM	1	99	21.58	21.85	21.87	21.57	21.59	21.59			
20	16QAM	50	0	20.65	20.74	20.71	20.64	20.59	20.59			
20	16QAM	50	24	20.74	20.81	20.86	20.64	20.60	20.60	22	2	
20	16QAM	50	50	20.72	20.79	20.87	20.57	20.55	20.55			
20	16QAM	100	0	20.66	20.78	20.73	20.59	20.58	20.58			
20	64QAM	1	0	20.25	20.37	20.23	20.23	20.19	20.19			
20	64QAM	1	49	20.49	20.49	20.36	20.27	20.34	20.34	22	2	
20	64QAM	1	99	20.39	20.42	20.38	20.24	20.21	20.21			
20	64QAM	50	0	19.63	19.72	19.64	19.58	19.56	19.56			
20	64QAM	50	24	19.69	19.79	19.66	19.60	19.55	19.55	21	3	
20	64QAM	50	50	19.70	19.75	19.67	19.53	19.51	19.51			
20	64QAM	100	0	19.70	19.74	19.68	19.53	19.56	19.56			
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.39	22.53	22.39	22.44	22.30	22.30			
15	QPSK	1	37	22.53	22.62	22.56	22.60	22.50	22.50	24	0	
15	QPSK	1	74	22.39	22.56	22.46	22.40	22.40	22.40			
15	QPSK	36	0	21.43	21.57	21.57	21.54	21.51	21.51			
15	QPSK	36	20	21.48	21.67	21.68	21.57	21.51	21.51	23	1	
15	QPSK	36	39	21.48	21.71	21.59	21.54	21.49	21.49			
15	QPSK	75	0	21.41	21.73	21.65	21.60	21.54	21.54			
15	16QAM	1	0	21.43	21.53	21.58	21.60	21.64	21.64			
15	16QAM	1	37	21.61	21.89	21.82	21.76	21.58	21.58	23	1	
15	16QAM	1	74	21.53	21.76	21.76	21.67	21.59	21.59			
15	16QAM	36	0	20.55	20.65	20.55	20.56	20.45	20.45			
15	16QAM	36	20	20.55	20.68	20.56	20.53	20.48	20.48	22	2	
15	16QAM	36	39	20.50	20.65	20.57	20.49	20.44	20.44			
15	16QAM	75	0	20.64	20.73	20.80	20.58	20.53	20.53			
15	64QAM	1	0	20.27	20.39	20.28	20.30	20.24	20.24			
15	64QAM	1	37	20.40	20.47	20.45	20.44	20.29	20.29	22	2	
15	64QAM	1	74	20.34	20.49	20.36	20.37	20.34	20.34			
15	64QAM	36	0	19.59	19.71	19.57	19.59	19.46	19.46			
15	64QAM	36	20	19.56	19.70	19.56	19.58	19.53	19.53	21	3	
15	64QAM	36	39	19.63	19.66	19.55	19.51	19.49	19.49			
15	64QAM	75	0	19.62	19.71	19.61	19.55	19.49	19.49			
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.41	22.50	22.50	22.47	22.41	22.41			
10	QPSK	1	25	22.45	22.59	22.56	22.46	22.45	22.45	24	0	
10	QPSK	1	49	22.46	22.57	22.54	22.49	22.45	22.45			
10	QPSK	25	0	21.43	21.58	21.65	21.64	21.59	21.59			
10	QPSK	25	12	21.48	21.79	21.68	21.60	21.56	21.56	23	1	
10	QPSK	25	25	21.51	21.73	21.65	21.57	21.56	21.56			
10	QPSK	50	0	21.48	21.78	21.66	21.62	21.60	21.60			
10	16QAM	1	0	21.52	21.64	21.67	21.68	21.62	21.62			
10	16QAM	1	25	21.57	21.84	21.82	21.81	21.68	21.68	23	1	
10	16QAM	1	49	21.62	21.87	21.76	21.73	21.70	21.70			
10	16QAM	25	0	20.60	20.76	20.62	20.65	20.57	20.57			
10	16QAM	25	12	20.67	20.75	20.66	20.63	20.59	20.59	22	2	
10	16QAM	25	25	20.70	20.77	20.68	20.57	20.54	20.54			
10	16QAM	50	0	20.66	20.78	20.69	20.59	20.63	20.63			
10	64QAM	1	0	20.34	20.51	20.37	20.36	20.29	20.29			
10	64QAM	1	25	20.42	20.58	20.41	20.39	20.33	20.33	22	2	
10	64QAM	1	49	20.43	20.42	20.36	20.29	20.29	20.29			
10	64QAM	25	0	19.62	19.80	19.67	19.63	19.61	19.61			
10	64QAM	25	12	19.74	19.78	19.69	19.65	19.62	19.62			
10	64QAM	25	25	19.69	19.78	19.68	19.61	19.57	19.57	21	3	
10	64QAM	50	0	19.63	19.72	19.64	19.58	19.58	19.58			
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.44	22.60	22.53	22.49	22.44	22.44			
5	QPSK	1	12	22.44	22.62	22.56	22.46	22.49	22.49	24	0	
5	QPSK	1	24	22.43	22.63	22.50	22.42	22.45	22.45			
5	QPSK	12	0	21.47	21.57	21.66	21.65	21.63	21.63			
5	QPSK	12	7	21.40	21.73	21.66	21.61	21.60	21.60	23	1	
5	QPSK	12	13	21.47	21.71	21.61	21.55	21.53	21.53			
5	QPSK	25	0	21.49	21.57	21.61	21.59	21.55	21.55			
5	16QAM	1	0	21.59	21.66	21.72	21.72	21.69	21.69			
5	16QAM	1	12	21.59	21.82	21.75	21.69	21.68	21.68	23	1	
5	16QAM	1	24	21.56	21.83	21.77	21.76	21.71	21.71			
5	16QAM	12	0	20.55	20.74	20.61	20.61	20.50	20.50			
5	16QAM	12	7	20.60	20.68	20.59	20.50	20.53	20.53	22	2	
5	16QAM	12	13	20.57	20.67	20.57	20.50	20.51	20.51			
5	16QAM	25	0	20.67	20.75	20.66	20.59	20.60	20.60			
5	64QAM	1	0	20.33	20.51	20.40	20.38	20.34	20.34			
5	64QAM	1	12	20.46	20.48	20.42	20.39	20.26	20.26	22	2	
5	64QAM	1	24	20.37	20.47	20.41	20.31	20.32	20.32			
5	64QAM	12	0	19.59	19.73	19.65	19.60	19.61	19.61			
5	64QAM	12	7	19.60	19.73	19.64	19.54	19.55	19.55			
5	64QAM	12	13	19.62	19.71	19.55	19.53	19.51	19.51	21	3	
5	64QAM	25	0	19.66	19.79	19.65	19.59	19.64	19.64			

Band 41 (HPUE)_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Low Middle Ch./ Freq.	Power Middle Ch./ Freq.	Power High Middle Ch./ Freq.	Power High Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel												
Frequency (MHz)												
				39790	40185	40620	41055	41490				
				25.19	25.38	25.31	25.26	25.22				
20	QPSK	1	0	25.19	25.38	25.31	25.26	25.22				
20	QPSK	1	49	25.42	25.52	25.41	25.42	25.35	27	0		
20	QPSK	1	99	25.32	25.46	25.34	25.32	25.21				
20	QPSK	50	0	24.41	24.58	24.51	24.45	24.43				
20	QPSK	50	24	24.55	24.65	24.55	24.47	24.44	26	1		
20	QPSK	50	50	24.51	24.66	24.54	24.43	24.36				
20	QPSK	100	0	24.49	24.64	24.50	24.51	24.43				
20	16QAM	1	0	24.54	24.89	24.56	24.53	24.46				
20	16QAM	1	49	24.76	24.76	24.88	24.73	24.63	26			
20	16QAM	1	99	24.63	24.76	24.59	24.54	24.47				
20	16QAM	50	0	23.48	23.38	23.53	23.47	23.46	25	2		
20	16QAM	50	24	23.57	23.84	23.52	23.50	23.46				
20	16QAM	50	50	23.52	23.63	23.52	23.43	23.38				
20	16QAM	100	0	23.53	23.59	23.52	23.42	23.44				
20	64QAM	1	0	23.40	23.46	23.44	23.40	23.36	25	2		
20	64QAM	1	49	23.55	23.66	23.59	23.51	23.47	25	2		
20	64QAM	1	99	23.41	23.49	23.45	23.41	23.31				
20	64QAM	50	0	22.44	22.56	22.48	22.41	22.42				
20	64QAM	50	24	22.48	22.59	22.46	22.46	22.38	24	3		
20	64QAM	50	50	22.47	22.58	22.49	22.44	22.33				
20	64QAM	100	0	22.51	22.57	22.44	22.34	22.33				
Channel												
Frequency (MHz)												
				39790	40185	40620	41055	41490				
				25.19	25.38	25.31	25.26	25.22				
15	QPSK	1	0	25.19	25.47	25.41	25.40	25.38				
15	QPSK	1	37	25.49	25.42	25.44	25.45	25.46	27	0		
15	QPSK	1	74	25.43	25.39	25.49	25.42	25.37				
15	QPSK	36	0	24.51	24.62	24.64	24.45	24.39	26	1		
15	QPSK	36	24	24.56	24.62	24.63	24.43	24.38				
15	QPSK	36	39	24.53	24.59	24.43	24.38	24.36				
15	QPSK	75	0	24.55	24.61	24.53	24.47	24.43				
15	16QAM	1	0	24.56	24.75	24.64	24.56	24.49				
15	16QAM	1	37	24.68	24.86	24.74	24.70	24.54	26	1		
15	16QAM	1	74	24.77	24.74	24.67	24.57	24.50				
15	16QAM	36	0	23.53	23.59	23.47	23.47	23.38	25	2		
15	16QAM	36	20	23.45	23.59	23.47	23.44	23.36				
15	16QAM	36	39	23.52	23.59	23.47	23.40	23.38				
15	16QAM	75	0	23.54	23.64	23.55	23.47	23.37				
15	64QAM	1	0	23.46	23.59	23.48	23.45	23.39	25	2		
15	64QAM	1	37	23.55	23.65	23.56	23.47	23.38				
15	64QAM	1	74	23.51	23.60	23.54	23.36	23.33				
15	64QAM	36	0	22.51	22.60	22.46	22.44	22.32	24	3		
15	64QAM	36	20	22.50	22.57	22.44	22.40	22.35				
15	64QAM	36	39	22.48	22.57	22.48	22.37	22.32				
15	64QAM	75	0	22.48	22.58	22.51	22.31	22.38				
Channel												
Frequency (MHz)												
				39790	40180	40260	41080	41560				
				25.001	25.47	25.93	26.39	26.85				
10	QPSK	1	0	25.34	25.50	25.44	25.40	25.38				
10	QPSK	1	25	25.38	25.45	25.51	25.47	25.40	27	0		
10	QPSK	1	49	25.37	25.51	25.44	25.35	25.36				
10	QPSK	25	0	24.41	24.63	24.53	24.46	24.43	26	1		
10	QPSK	25	24	24.53	24.57	24.53	24.43	24.47				
10	QPSK	25	25	24.59	24.54	24.52	24.42	24.48				
10	QPSK	50	0	24.55	24.67	24.54	24.48	24.47				
10	16QAM	1	0	24.69	24.84	24.78	24.67	24.63	26	1		
10	16QAM	1	25	24.67	24.90	24.73	24.68	24.64				
10	16QAM	1	49	24.75	24.79	24.72	24.70	24.59				
10	16QAM	25	0	23.55	23.70	23.55	23.53	23.49	25	2		
10	16QAM	25	12	23.60	23.64	23.54	23.52	23.49				
10	16QAM	25	25	23.60	23.64	23.54	23.49	23.50				
10	16QAM	50	0	23.63	23.65	23.54	23.49	23.49	26	1		
10	64QAM	1	0	23.51	23.65	23.59	23.59	23.44	25	2		
10	64QAM	1	25	23.55	23.73	23.64	23.53	23.52				
10	64QAM	1	49	23.57	23.62	23.60	23.48	23.43				
10	64QAM	25	0	22.58	22.69	22.59	22.56	22.51	24	3		
10	64QAM	25	12	22.64	22.68	22.57	22.53	22.52				
10	64QAM	25	25	22.67	22.68	22.57	22.52	22.48				
10	64QAM	50	0	22.47	22.82	23.63	24.43	22.38				
Channel												
Frequency (MHz)												
				39675	40148	40260	41093	41595				
				24.98	25.545	25.93	26.60	26.97				
5	QPSK	1	0	25.39	25.45	25.49	25.38	25.39				
5	QPSK	1	12	25.39	25.40	25.48	25.47	25.40	27	0		
5	QPSK	1	24	25.47	25.37	25.45	25.37	25.41				
5	QPSK	12	0	24.59	24.67	24.61	24.52	24.49	26	1		
5	QPSK	12	7	24.51	24.62	24.52	24.39	24.44				
5	QPSK	12	13	24.52	24.62	24.49	24.44	24.39				
5	QPSK	25	0	24.52	24.66	24.54	24.48	24.46				
5	16QAM	1	0	24.67	24.83	24.70	24.66	24.59	26	1		
5	16QAM	1	24	24.73	24.81	24.72	24.70	24.62				
5	16QAM	1	24	24.64	24.84	24.76	24.62	24.57				
5	16QAM	12	0	23.53	23.67	23.55	23.51	23.48	25	2		
5	16QAM	12	7	23.48	23.63	23.50	23.44	23.43				
5	16QAM	12	13	23.53	23.63	23.50	23.45	23.45				
5	16QAM	25	0	23.61	23.67	23.53	23.53	23.46	25	2		
5	64QAM	1	0	23.56	23.69	23.56	23.50	23.46				
5	64QAM	1	12	23.52	23.62	23.57	23.50	23.55	25	2		
5	64QAM	1	24	23.55	23.66	23.59	23.48	23.44				
5	64QAM	12	0	22.52	22.65	22.55	22.50	22.49	24	3		
5	64QAM	12	7	22.59	22.69	22.58	22.52	22.48				
5	64QAM	12	13	22.47	22.56	22.46	22.37	22.46				
5	64QAM	25	0	22.56	22.66	22.52	22.50	22.51				

Part270_n78_Ant 5										
RF (MHz)	Modulation	RF Size	RF Offset	Time CL / Phase	Power CL / Phase dBm	Power Type CL / Phase dBm	Turn-up time (min)	MPR (dB)		
Channel										
100	P102 BPSK	1	1	22.12			24.0	0.0		
100	Frequency (MHz)			22.12						
100	P102 BPSK	1	271	22.17						
100	Frequency (MHz)			22.17						
100	P102 BPSK	120	0	23.15			24.0	0.0		
100	Frequency (MHz)			23.15						
100	P102 BPSK	120	120	23.17			23.5	0.5		
100	Frequency (MHz)			23.17						
100	CPFSK	1	1	22.12			24.0	0.0		
100	Frequency (MHz)			22.12						
100	CPFSK	1	271	22.17						
100	Frequency (MHz)			22.17						
100	CPFSK	120	0	23.15			24.0	0.0		
100	Frequency (MHz)			23.15						
100	CPFSK	120	120	23.17						
100	Frequency (MHz)			23.17						
100	CPFSK	230	0	23.22			23.0	1.0		
100	Frequency (MHz)			23.22						
100	CPFSK	230	120	23.25			23.0	1.0		
100	Frequency (MHz)			23.25						
100	QAM64	1	1	19.30			19.5	0.5		
100	Frequency (MHz)			19.30						
100	QAM64	1	271	19.35						
100	Frequency (MHz)			19.35						
100	QAM64	120	0	20.24						
100	Frequency (MHz)			20.24						
100	QAM64	120	120	20.26						
100	Frequency (MHz)			20.26						
100	QAM64	230	0	20.32						
100	Frequency (MHz)			20.32						
100	QAM64	230	120	20.34						
100	Frequency (MHz)			20.34						
100	QAM64	1	1	19.30						
100	Frequency (MHz)			19.30						
100	QAM64	1	271	19.35						
100	Frequency (MHz)			19.35						
100	QAM64	120	0	20.24						
100	Frequency (MHz)			20.24						
100	QAM64	120	120	20.26						
100	Frequency (MHz)			20.26						
100	QAM64	230	0	20.32						
100	Frequency (MHz)			20.32						
100	QAM64	230	120	20.34						
100	Frequency (MHz)			20.34						

Part270_n78_Ant 3										
RF (MHz)	Modulation	RF Size	RF Offset	Time CL / Phase	Power CL / Phase dBm	Power Type CL / Phase dBm	Turn-up time (min)	MPR (dB)		
Channel										
100	P102 BPSK	1	1	19.30						
100	Frequency (MHz)			19.30						
100	P102 BPSK	1	127	19.34			19.5	0.0		
100	Frequency (MHz)			19.34						
100	P102 BPSK	1	271	19.39						
100	Frequency (MHz)			19.39						
100	P102 BPSK	120	0	19.36			19.5	0.0		
100	Frequency (MHz)			19.36						
100	P102 BPSK	120	120	19.38			19.5	0.0		
100	Frequency (MHz)			19.38						
100	CPFSK	1	1	19.30			19.5	0.0		
100	Frequency (MHz)			19.30						
100	CPFSK	1	127	19.34						
100	Frequency (MHz)			19.34						
100	CPFSK	1	271	19.39						
100	Frequency (MHz)			19.39						
100	CPFSK	120	0	19.36			19.5	0.0		
100	Frequency (MHz)			19.36						
100	CPFSK	120	120	19.38						
100	Frequency (MHz)			19.38						
100	QAM64	1	1	19.34			19.5	0.0		
100	Frequency (MHz)			19.34						
100	QAM64	1	127	19.39						
100	Frequency (MHz)			19.39						
100	QAM64	1	271	19.44						
100	Frequency (MHz)			19.44						
100	QAM64	120	0	19.40						
100	Frequency (MHz)			19.40						
100	QAM64	120	120	19.42						
100	Frequency (MHz)			19.42						
100	QAM64	230	0	19.36						
100	Frequency (MHz)			19.36						
100	QAM64	230	120	19.38						
100	Frequency (MHz)			19.38						
100	QAM64	1	1	19.34						
100	Frequency (MHz)			19.34						
100	QAM64	1	127	19.39						
100	Frequency (MHz)			19.39						
100	QAM64	1	271	19.44						
100	Frequency (MHz)			19.44						
100	QAM64	120	0	19.40						
100	Frequency (MHz)			19.40						
100	QAM64	120	120	19.42						
100	Frequency (MHz)			19.42						
100	QAM64	230	0	19.36						
100	Frequency (MHz)			19.36						
100	QAM64	230	120	19.38						
100	Frequency (MHz)			19.38						

Part270_n78_Ant 7									
RF (MHz)	Modulation	RF Size	RF Offset	Time CL / Phase	Power CL / Phase dBm	Power Type CL / Phase dBm	Turn-up time (min)	MPR (dB)	
Channel									
100	P102 BPSK	1	1	22.17					
100	Frequency (MHz)			22.17					
100	P102 BPSK	1	127	22.22			24.0	0.0	
100	Frequency (MHz)			22.22					
100	P102 BPSK	1	271	22.27					
100	Frequency (MHz)			22.27					
100	P102 BPSK	120	0	23.15			24.0	0.0	
100	Frequency (MHz)			23.15					
100	P102 BPSK	120	120	23.17			23.5	0.5	
100	Frequency (MHz)			23.17					
100	CPFSK	1	1	22.17					
100	Frequency (MHz)			22.17					
100	CPFSK	1	127	22.22			24.0	0.0	
100	Frequency (MHz)			22.22					
100	CPFSK	1	271	22.27					
100	Frequency (MHz)			22.27					
100	CPFSK	120	0	23.15			24.0	0.0	
100	Frequency (MHz)			23.15					
100	CPFSK	120	120	23.17					
100	Frequency (MHz)			23.17					
100	QAM64	1	1	21.41			22.0	0.0	
100	Frequency (MHz)			21.41					
100	QAM64	1	127	21.46					
100	Frequency (MHz)			21.46					
100	QAM64	1	271	21.51					
100	Frequency (MHz)			21.51					
100	QAM64	120	0	22.41					
100	Frequency (MHz)			22.41					
100	QAM64	120	120	22.43					
100	Frequency (MHz)			22.43					
20	Channel								
20	CPFSK	1	1	22.17					
20	Frequency (MHz)			22.17					
20	CPFSK	1	127	22.22					
20	Frequency (MHz)			22.22					
20	CPFSK	1	271	22.27					
20	Frequency (MHz)			22.27					
20	CPFSK	120	0	23.15					
20	Frequency (MHz)			23.15					
20	CPFSK	120	120	23.17					
20	Frequency (MHz)			23.17					
20	QAM64	1	1	21.41					
20	Frequency (MHz)			21.41					
20	QAM64	1	127	21.46					
20	Frequency (MHz)			21.46					
20	QAM64	1	271	21.51					
20	Frequency (MHz)			21.51					
20	QAM64	120	0	22.41					
20	Frequency (MHz)			22.41					
20	QAM64	120	120	22.43					
20	Frequency (MHz)			22.43					
50	Channel								
50	CPFSK	1	1	22.17					
50	Frequency (MHz)			22.17					
50	CPFSK	1	127	22.22					
50	Frequency (MHz)			22.22					
50	CPFSK	1	271	22.27					
50	Frequency (MHz)			22.27					
50	CPFSK	120	0	23.15					
50	Frequency (MHz)			23.15					
50	CPFSK	120	120	23.17					
50	Frequency (MHz)			23.17					
50	QAM64	1	1	21.41					
50	Frequency (MHz)			21.41					
50	QAM64	1	127	21.46					
50	Frequency (MHz)			21.46					
50	QAM64	1	271	21.51					
50	Frequency (MHz)			21.51					
50	QAM64	120	0	22.41					
50	Frequency (MHz)			22.41					
50	QAM64	120	120	22.43					
50	Frequency (MHz)			22.43					
40	Channel								
40	CPFSK	1	1	22.17					
40	Frequency (MHz)			22.17					
40	CPFSK	1	127	22.22					
40	Frequency (MHz)			22.22					
40	CPFSK	1	271	22.27					
40	Frequency (MHz)			22.27					
40	CPFSK	120	0	23.15					
40	Frequency (MHz)			23.15					
40	CPFSK	120	120	23.17					
40	Frequency (MHz)			23.17					
40	QAM64	1	1	21.41					
40	Frequency (MHz)			21.41					
40	QAM64	1	127	21.46					
40	Frequency (MHz)			21.46					
40	QAM64	1	271	21.51					
40	Frequency (MHz)			21.51					
40	QAM64	120	0	22.41					
40	Frequency (MHz)			22.41					
40	QAM64	120	120	22.43					
40	Frequency (MHz)			22.43					
30	Channel								
30	CPFSK	1	1	22.17					
30	Frequency (MHz)			22.17					
30	CPFSK	1	127	22.22					
30	Frequency (MHz)			22.22					
30	CPFSK	1	271	22.27					
30	Frequency (MHz)			22.27					
30	CPFSK	120	0	23.15					
30	Frequency (MHz)			23.15					
30	CPFSK	120	120	23.17					
30	Frequency (MHz)			23.17					
30	QAM64	1	1	21.41					
30	Frequency (MHz)			21.41					
30	QAM64	1	127	21.46					
30	Frequency (MHz)			21.46					
30	QAM64	1	271	21.51					
30	Frequency (MHz)			21.51					
30	QAM64	120	0	22.41					
30	Frequency (MHz)			22.41					
30	QAM64	120	120	22.43					
30	Frequency (MHz)			22.43					
20	Channel								
20	CPFSK	1	1	22.17					
20	Frequency (MHz)			22.17					
20	CPFSK	1	127	22.22					
20	Frequency (MHz)			22.22					
20	CPFSK	1	271	22.27					
20	Frequency (MHz)			22.27					
20	CPFSK	120	0	23.15					
20	Frequency (MHz)			23.15					
20	CPFSK	120	120	23.17					
20	Frequency (MHz)			23.17					
20	QAM64	1	1	21.41					
20	Frequency (MHz)			21.41					
20	QAM64	1	127	21.46					
20	Frequency (MHz)			21.46					
20	QAM64	1	271	21.51					
20	Frequency (MHz)			21.51					
20	QAM64	120	0	22.41					
20	Frequency (MHz)			22.41					
20	QAM64	120	120	22.43					
20	Frequency (MHz)			22.43					
10	Channel								
10	CPFSK	1	1	22.17					
10	Frequency (MHz)			22.17					
10	CPFSK	1	127	22.22					
10	Frequency (MHz)			22.22					
10	CPFSK	1	271	22.27					
10	Frequency (MHz)			22.27					
10	CPFSK	120	0	23.15					
10	Frequency (MHz)			23.15					
10	CPFSK	120	120	23.17					
10	Frequency (MHz)			23.17					
10	QAM64	1	1	21.41					
10	Frequency (MHz)			21.41					
10	QAM64	1	127	21.46					
10	Frequency (MHz)			21.46					
10	QAM64	1	271	21.51					
10	Frequency (MHz)			21.51					
10	QAM64	120	0	22.41					
10	Frequency (MHz)			22.41					
10	QAM64	120	120	22.43					
10	Frequency (MHz)			22.43					

Reduced Power Mode for Receiver On

Part270_n77_Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (MHz)	Power Mode Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Tune-up limit (dBm)	MFR (dB)	
Channel									
Frequency (MHz)				3750	3640	3630			
100	PI2-BPSK	1	1	15.60	15.75	15.84	17.0	0.0	
Channel				15.75	15.90	15.92			
100	PI2-BPSK	1	137	15.60	15.92	15.92			
Channel				15.92	15.92	15.92			
100	PI2-BPSK	135	0	15.63	15.90	15.83	17.0	0.0	
100	PI2-BPSK	135	86	15.75	15.93	15.93	17.0	0.0	
100	PI2-BPSK	135	136	15.67	15.92	15.93	17.0	0.0	
100	PI2-BPSK	270	0	15.72	15.94	15.94			
Channel				15.72	15.94	15.97			
100	QPSK	1	1	15.72	15.93	15.75	17.0	0.0	
100	QPSK	1	211	15.85	15.95	15.74			
100	QPSK	135	0	15.68	15.88	15.88			
100	QPSK	135	136	15.67	15.75	15.87	17.0	0.0	
100	QPSK	270	0	15.72	15.74	15.83	17.0	0.0	
100	HQAM	1	1	15.67	15.91	15.92	17.0	0.0	
100	HQAM	1	1	15.72	15.92	15.72	17.0	0.0	
100	256QAM	1	1	15.74	15.91	15.94	17.0	0.0	
Channel				15.94	15.95	15.95	Tune-up limit (dBm)	MFR	
Frequency (MHz)				1742.22	1674.00	1674.00	(dBm)	(dB)	
50	QPSK	1	1	15.71	15.59	15.52	17.0	0.0	
Channel				1649.34	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				15.70	15.50	15.35	17.0	0.0	
50	QPSK	1	1	15.70	15.50	15.35	17.0	0.0	
Channel				164900	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				3750	3640	3640	(dBm)	(dB)	
70	QPSK	1	1	15.70	15.54	15.75	17.0	0.0	
Channel				164900	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				3750.02	3640	3640.08	(dBm)	(dB)	
60	QPSK	1	1	15.72	15.83	15.72	17.0	0.0	
Channel				165154	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				3725.01	3640	3654.98	(dBm)	(dB)	
50	QPSK	1	1	15.69	15.70	15.70	17.0	0.0	
Channel				164900	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				3750	3640	3640	(dBm)	(dB)	
40	QPSK	1	1	15.74	15.51	15.70	17.0	0.0	
Channel				164908	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				15.69	15.31	15.35	17.0	0.0	
30	QPSK	1	1	15.60	15.31	15.35	17.0	0.0	
Channel				164700	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				15.70	15.59	15.75	17.0	0.0	
25	QPSK	1	1	15.70	15.59	15.75	17.0	0.0	
Channel				164724	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				15.70.01	3640	3650.08	(dBm)	(dB)	
20	QPSK	1	1	15.72	15.90	15.75	17.0	0.0	
Channel				164700	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				15.67	15.77	16.02	17.0	0.0	
15	QPSK	1	1	15.67	15.77	15.90	17.0	0.0	
Channel				164700	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				15.70	15.70	15.80	(dBm)	(dB)	
10	QPSK	1	1	15.70	15.50	15.70	17.0	0.0	

Part270_n77_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (MHz)	Power Mode Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Tune-up limit (dBm)	MFR (dB)	
Channel									
Frequency (MHz)				3750	3640	3630			
100	PI2-BPSK	1	1	17.07	17.05	16.16			
100	PI2-BPSK	1	137	16.82	16.80	16.87	19.5	0.0	
Channel				16.87	16.82	16.87			
100	PI2-BPSK	135	0	16.22	16.26	16.14	19.0	0.0	
100	PI2-BPSK	135	86	16.02	16.05	16.07	19.0	0.0	
100	PI2-BPSK	135	136	16.20	16.34	16.22	19.0	0.0	
100	PI2-BPSK	270	0	16.73	16.22	16.17			
Channel				16.73	16.22	17.05			
100	QPSK	1	137	16.05	16.10	16.05	19.0	0.0	
100	QPSK	1	211	16.15	16.22	16.08			
100	QPSK	135	0	17.05	17.02	17.08			
100	QPSK	135	136	16.74	16.78	17.05	19.0	0.0	
100	QPSK	270	0	17.05	17.04	17.00	19.0	0.0	
100	HQAM	1	1	16.05	16.10	16.05	17.0	0.0	
100	HQAM	1	1	16.20	16.21	16.08	19.0	0.0	
100	256QAM	1	1	16.27	16.25	16.04	19.0	0.0	
Channel				16.05	16.05	16.05	Tune-up limit (dBm)	MFR	
Frequency (MHz)				1740.02	1674.00	1674.00	(dBm)	(dB)	
50	QPSK	1	1	16.15	16.01	16.01	19.0	0.0	
Channel				164934	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				16.09	16.00	16.00	19.0	0.0	
50	QPSK	1	1	16.09	16.00	16.00	19.0	0.0	
Channel				164900	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				3750	3640	3640	(dBm)	(dB)	
70	QPSK	1	1	16.01	16.07	16.70	19.0	0.0	
Channel				164904	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				3750.02	3640	3640.08	(dBm)	(dB)	
60	QPSK	1	1	16.04	16.00	16.81	19.0	0.0	
Channel				165116	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				3725.01	3640	3654.98	(dBm)	(dB)	
50	QPSK	1	1	16.04	16.00	16.80	19.0	0.0	
Channel				164900	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				3750	3640	3640	(dBm)	(dB)	
40	QPSK	1	1	16.14	16.04	16.87	19.0	0.0	
Channel				164908	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				15.69	15.31	15.35	19.0	0.0	
30	QPSK	1	1	16.03	16.03	16.80	19.0	0.0	
Channel				164700	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				15.70	15.59	15.75	19.0	0.0	
25	QPSK	1	1	16.02	16.04	16.77	19.0	0.0	
Channel				164724	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				15.70.01	3640	3650.08	(dBm)	(dB)	
20	QPSK	1	1	16.05	16.00	16.82	19.0	0.0	
Channel				164700	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				15.67	15.77	16.02	19.0	0.0	
15	QPSK	1	1	16.04	16.00	16.80	19.0	0.0	
Channel				164700	165000	165000	Tune-up limit (dBm)	MFR	
Frequency (MHz)				15.70	15.70	15.80	(dBm)	(dB)	
10	QPSK	1	1	16.00	16.00	16.80	19.0	0.0	

Part270_n77_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Low Ch. Freq. (MHz)	Mode Ch. Freq. (MHz)	High Ch. Freq. (MHz)	Tune-up limit (dBm)		
Channel									
Frequency (MHz)				3750	3640	3630			
100	PI2-BPSK	1	1	16.02	16.76	16.64			
100	PI2-BPSK	1	137	16.00	16.76	16.67	17.0	0.0	
Channel				16.67	16.60	16.64			
100	PI2-BPSK	135	0	16.40	16.54	16.53	17.0		0.0
100	PI2-BPSK	135	86	16.00	16.73	16.70	17.0		0.0
100	PI2-BPSK	135	136	16.30	16.67	16.61	17.0		0.0
100	PI2-BPSK	270	0	16.67	16.64	16.59			
Channel				16.67	16.64	16.59			
100	QPSK	1	1	16.07	16.86	16.69			
100	QPSK	1	137	16.70	16.93	16.67	17.0		0.0
100	QPSK	1	211	16.71	16.81	16.81			
100	QPSK	135	0	16.04	16.71	16.71	17.0		0.0
100	QPSK	135	136	16.50	16.74	16.75	17.0		0.0
100	QPSK	270	0	16.60	16.70	16.60	17.0		0.0
100	HQAM	1	1	16.73	16.70	16.70	17.0		0.0
100	HQAM	1	1	16.67	16.81	16.70	17.0		0.0
Channel									
Frequency (MHz)				3741.0	3631.0	3621.0			
90	PI2-BPSK	1	1	16.00	16.74	16.64			
Channel				16.64	16.57	16.61			
Frequency (MHz)				3742.0	3632.0	3622.0			
90	PI2-BPSK	1	1	16.00	16.74	16.64			
Channel				16.64	16.57	16.61			
80	PI2-BPSK	1	1	16.00	16.74	16.64			
Channel				16.64	16.57	16.61			
70	PI2-BPSK	1	1	16.00	16.74	16.64			
Channel				16.64	16.57	16.61			
60	PI2-BPSK	1	1	16.00	16.74	16.64			
Channel				16.64	16.57	16.61			
50	PI2-BPSK	1	1	16.00	16.74	16.64			
Channel				16.64	16.57	16.61			
40	PI2-BPSK	1	1	16.00	16.74	16.64			
Channel				16.64	16.57	16.61			
30	PI2-BPSK	1	1	16.00	16.74	16.64			
Channel				16.64	16.57	16.61			
20	PI2-BPSK	1	1	16.00	16.74	16.64			
Channel				16.64	16.57	16.61			
15	PI2-BPSK	1	1	16.00	16.74	16.64			
Channel				16.64	16.57	16.61			
10	PI2-BPSK	1	1	16.00	16.74	16.64			
Channel				16.64	16.57	16.61			
5	PI2-BPSK	1	1	16.00	16.74	16.64			
Channel				16.64	16.57	16.61			

Part270_n78_Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPE (dB)	
Channel									
Frequency (MHz)				3700					
100	P12 BPSK	1	1	18.03					
100	P12 BPSK	1	137	18.14			17.0	0.0	
100	P12 BPSK	1	271	18.25					
100	P12 BPSK	135	0	18.36			17.0	0.0	
100	P12 BPSK	135	86	18.46			17.0	0.0	
100	P12 BPSK	135	138	18.58			17.0	0.0	
100	QPSK	1	1	18.69					
100	QPSK	1	137	18.79			17.0	0.0	
100	QPSK	1	271	18.90					
100	QPSK	135	0	19.02			17.0	0.0	
100	QPSK	135	86	19.13			17.0	0.0	
100	QPSK	135	138	19.24			17.0	0.0	
100	QPSK	270	0	19.36					
100	8QAM	1	1	19.47			17.0	0.0	
100	25QAM	1	1	19.58			17.0	0.0	
Channel				84968	85000	85032	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3742.02	3750	3758.08	(dBm)	(dB)	
30	QPSK	1	1	18.11	18.16	18.20	17.0	0.0	
Channel				84934	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3742.02	3750	3758.08	(dBm)	(dB)	
30	QPSK	1	1	18.12	18.14	18.17	17.0	0.0	
Channel				84900	85000	85100	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3750	3760	3760	(dBm)	(dB)	
70	QPSK	1	1	18.09	18.14	18.14	17.0	0.0	
Channel				84908	85000	85100	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3750.02	3760	3769.98	(dBm)	(dB)	
60	QPSK	1	1	18.03	18.15	18.01	17.0	0.0	
Channel				84934	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3726.01	3730	3734.98	(dBm)	(dB)	
30	QPSK	1	1	18.00	18.13	18.06	17.0	0.0	
Channel				84908	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3726.01	3730	3734.98	(dBm)	(dB)	
40	QPSK	1	1	18.13	18.18	18.03	17.0	0.0	
Channel				84768	85000	85232	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3716.01	3730	3749.98	(dBm)	(dB)	
30	QPSK	1	1	18.15	18.14	18.01	17.0	0.0	
Channel				84700	85000	85200	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3712.5	3750	3762.5	(dBm)	(dB)	
25	QPSK	1	1	18.09	18.14	18.02	17.0	0.0	
Channel				84724	85000	85076	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3710.01	3750	3760.98	(dBm)	(dB)	
20	QPSK	1	1	18.09	18.12	18.08	17.0	0.0	
Channel				84784	85000	85216	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3707.02	3750	3762.48	(dBm)	(dB)	
15	QPSK	1	1	18.02	18.17	18.04	17.0	0.0	
Channel				84708	85000	85300	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3704	3750	3764	(dBm)	(dB)	
10	QPSK	1	1	18.08	18.16	18.03	17.0	0.0	

Part270_n78_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPE (dB)	
Channel									
Frequency (MHz)				3700					
100	P12 BPSK	1	1	18.02					
100	P12 BPSK	1	137	18.04			19.0	0.0	
100	P12 BPSK	1	271	18.05					
100	P12 BPSK	135	0	18.36			19.0	0.0	
100	P12 BPSK	135	86	18.46			19.0	0.0	
100	P12 BPSK	135	138	18.58			19.0	0.0	
100	P12 BPSK	270	0	18.69					
100	QPSK	1	1	18.79			19.0	0.0	
100	QPSK	1	137	18.90					
100	QPSK	1	271	19.02					
100	QPSK	135	0	19.13			19.0	0.0	
100	QPSK	135	86	19.24			19.0	0.0	
100	QPSK	135	138	19.36			19.0	0.0	
100	QPSK	270	0	19.47					
100	8QAM	1	1	19.58			17.0	0.0	
100	25QAM	1	1	19.69			18.0	0.0	
Channel				84968	85000	85032	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3742.02	3750	3758.08	(dBm)	(dB)	
30	QPSK	1	1	18.12	18.16	18.17	19.0	0.0	
Channel				84934	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3742.02	3750	3758.08	(dBm)	(dB)	
30	QPSK	1	1	18.05	18.09	18.01	19.0	0.0	
Channel				84900	85000	85100	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3750	3760	3760	(dBm)	(dB)	
70	QPSK	1	1	18.04	18.01	18.07	19.0	0.0	
Channel				84908	85000	85100	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3750.02	3760	3769.98	(dBm)	(dB)	
60	QPSK	1	1	18.06	18.03	18.01	19.0	0.0	
Channel				84934	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3726.01	3730	3734.98	(dBm)	(dB)	
30	QPSK	1	1	18.02	18.03	18.02	19.0	0.0	
Channel				84908	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3726.01	3730	3734.98	(dBm)	(dB)	
40	QPSK	1	1	18.12	18.03	18.02	19.0	0.0	
Channel				84768	85000	85232	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3716.01	3730	3749.98	(dBm)	(dB)	
30	QPSK	1	1	18.05	18.01	18.05	19.0	0.0	
Channel				84700	85000	85200	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3712.5	3750	3762.5	(dBm)	(dB)	
25	QPSK	1	1	18.02	18.07	18.00	19.0	0.0	
Channel				84724	85000	85076	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3710.01	3750	3760.98	(dBm)	(dB)	
20	QPSK	1	1	18.07	18.00	18.00	19.0	0.0	
Channel				84784	85000	85216	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3707.02	3750	3762.48	(dBm)	(dB)	
15	QPSK	1	1	18.02	18.04	18.00	19.0	0.0	
Channel				84708	85000	85300	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3704	3750	3764	(dBm)	(dB)	
10	QPSK	1	1	18.08	18.02	18.02	19.0	0.0	

Part270_n78_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPE (dB)	
Channel									
Frequency (MHz)				3700					
100	P12 BPSK	1	1	18.05					
100	P12 BPSK	1	137	18.16			17.0	0.0	
100	P12 BPSK	1	271	18.27					
100	P12 BPSK	135	0	18.51			17.0	0.0	
100	P12 BPSK	135	86	18.62			17.0	0.0	
100	P12 BPSK	135	138	18.73			17.0	0.0	
100	QPSK	1	1	18.84					
100	QPSK	1	137	18.95			17.0	0.0	
100	QPSK	1	271	19.06					
100	QPSK	135	0	19.17			17.0	0.0	
100	QPSK	135	86	19.27			17.0	0.0	
100	QPSK	135	138	19.38			17.0	0.0	
100	QPSK	270	0	19.49					
100	8QAM	1	1	19.60			17.0	0.0	
100	25QAM	1	1	19.71			17.0	0.0	
Channel				84968	85000	85032	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3742.02	3750	3758.08	(dBm)	(dB)	
30	QPSK	1	1	18.09	18.16	18.20	17.0	0.0	
Channel				84934	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3742.02	3750	3758.08	(dBm)	(dB)	
30	QPSK	1	1	18.12	18.06	18.07	17.0	0.0	
Channel				84900	85000	85100	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3750	3760	3760	(dBm)	(dB)	
70	QPSK	1	1	18.05	18.16	18.07	17.0	0.0	
Channel				84908	85000	85100	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3750.02	3760	3769.98	(dBm)	(dB)	
60	QPSK	1	1	18.10	18.16	18.02	17.0	0.0	
Channel				84934	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3726.01	3730	3734.98	(dBm)	(dB)	
30	QPSK	1	1	18.14	18.13	18.14	17.0	0.0	
Channel				84908	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3726.01	3730	3734.98	(dBm)	(dB)	
40	QPSK	1	1	18.10	18.11	18.14	17.0	0.0	
Channel				84934	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3726.01	3730	3734.98	(dBm)	(dB)	
30	QPSK	1	1	18.14	18.16	18.09	17.0	0.0	
Channel				84908	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3726.01	3730	3734.98	(dBm)	(dB)	
25	QPSK	1	1	18.18	18.21	18.09	17.0	0.0	
Channel				84908	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3730.01	3735	3739.99	(dBm)	(dB)	
20	QPSK	1	1	18.24	18.19	18.40	17.0	0.0	
Channel				84908	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3730.01	3735	3739.99	(dBm)	(dB)	
15	QPSK	1	1	18.30	18.17	18.58	17.0	0.0	
Channel				84908	85000	85066	Tune-up limit (dBm)	MPE (dB)	
Frequency (MHz)				3730.01	3735	3739.99	(dBm)	(dB)	
10	QPSK	1	1	18.32	18.22	18.57	17.0	0.0	

Reduced Power Mode for Hotspot On

Part270_n77 Ant 5									
RF (MHz)	Modulation	RB Size	RB Offset	Low Ch. Freq.	Mid Ch. Freq.	High Ch. Freq.	Power (dBm)	Antenna (dBi)	Ant. Gain
Channel									
150	Frequency (Hz)	1		14.16	14.18	14.24			
150	PIC2 Series	1	137	14.26	14.32	14.38		15.0	0.0
150	PIC2 Series	1	271	14.21	14.23	14.30			
150	PIC2 Series	1	405	14.18	14.24	14.30		15.0	0.0
150	PIC2 Series	135	69	14.26	14.38	14.58		15.0	0.0
150	PIC2 Series	135	104	14.34	14.87	14.93		15.0	0.0
150	PIC2 Series	135	275	14.18	14.24	14.30		15.0	0.0
150	QPSK	1	1	14.26	14.41	14.27			
150	QPSK	1	221	14.26	14.37	14.21		15.0	0.0
150	QPSK	1	271	14.26	14.37	14.17			
150	QPSK	135	6	14.18	14.32	14.14		15.0	0.0
150	QPSK	135	42	14.26	14.38	14.30		15.0	0.0
150	QPSK	135	104	14.32	14.24	14.02			
150	QPSK	270	9	14.19	14.23	14.10		15.0	0.0
150	QPSK	270	42	14.37	14.29	14.10		15.0	0.0
150	64QAM	1	1	14.17	14.29	14.23	15.0	15.0	0.0
150	256QAM	1	1	14.19	14.26	14.15	15.0	15.0	0.0
Channel									
90	Frequency (Hz)	1		14.16	14.17	14.23			
90	QPSK	1	1	14.03	14.14	14.07		15.0	0.0
90	QPSK	1	1	14.03	14.14	14.07		15.0	0.0
80	Frequency (Hz)	1		14.17	14.43	14.22			
80	QPSK	1	1	14.00	14.02	14.00		15.0	0.0
Channel									
75	Frequency (Hz)	1		14.23	14.34	14.22			
75	QPSK	1	1	14.23	14.34	14.22		15.0	0.0
Channel									
60	Frequency (Hz)	1		14.66	14.68	14.65			
60	QPSK	1	1	14.66	14.68	14.65		15.0	0.0
Channel									
50	Frequency (Hz)	1		14.34	14.36	14.38			
50	QPSK	1	1	14.34	14.36	14.38		15.0	0.0
Channel									
40	Frequency (Hz)	1		14.00	14.02	14.00			
40	QPSK	1	1	14.00	14.02	14.00		15.0	0.0
Channel									
30	Frequency (Hz)	1		14.29	14.37	14.24			
30	QPSK	1	1	14.29	14.37	14.24		15.0	0.0
Channel									
25	Frequency (Hz)	1		14.14	14.40	14.17			
25	QPSK	1	1	14.14	14.40	14.17		15.0	0.0
Channel									
20	Frequency (Hz)	1		14.01	14.38	14.21			
20	QPSK	1	1	14.01	14.38	14.21		15.0	0.0
Channel									
20	Frequency (Hz)	1		14.14	14.38	14.21			
20	QPSK	1	1	14.14	14.38	14.21		15.0	0.0
Channel									
15	Frequency (Hz)	1		14.00	14.37	14.18			
15	QPSK	1	1	14.00	14.37	14.18		15.0	0.0
Channel									
10	Frequency (Hz)	1		14.20	14.35	14.18	15.0	15.0	0.0
10	QPSK	1	1	14.20	14.35	14.18	15.0	15.0	0.0

[illegible]

Part270_n77_Ant 7										
RF (MHz)	Modulation	RB Size	RB Offset	Low Frequency	Low Power	Media Center Frequency	Media Power	High Frequency	Power Margin (dB)	AF (dB)
Channel										
100	P25 QPSK	1	0	15.12	15.21	15.33				
100	P25 BPSK	1	137	15.18	15.20	15.33		15.5	0.0	
100	P25 BPSK	1	271	15.08	15.13	15.34				
100	P25 QPSK	1	405	15.12	15.20	15.32		15.5	0.0	
100	P25 BPSK	135	60	15.11	15.26	15.36		15.5	0.0	
100	P25 BPSK	135	194	15.09	15.16	15.30		15.5	0.0	
100	P25 QPSK	1	318	15.18	15.19	15.33				
100	QPSK	1	1	15.11	15.31	15.33				
100	QPSK	1	137	15.18	15.20	15.33		15.5	0.0	
100	QPSK	1	271	15.21	15.24	15.34				
100	QPSK	135	6	15.13	15.24	15.33		15.5	0.0	
100	QPSK	135	136	15.04	15.24	15.33				
100	QPSK	270	0	15.01	15.23	15.32		15.0	0.0	
100	16QAM	1	0	15.18	15.19	15.28		15.5	0.0	
100	64QAM	1	0	15.13	15.29	15.27		15.0	0.0	
100	256QAM	1	0	15.03	15.28	15.26		15.0	0.0	
Channel										
90	QPSK	1	0	15.09	15.27	15.31				
90	QPSK	1	137	15.12	15.27	15.31		15.5	0.0	
90	QPSK	1	271	15.03	15.26	15.31				
90	QPSK	135	60	15.04	15.26	15.30		15.5	0.0	
90	QPSK	135	194	15.01	15.26	15.30		15.5	0.0	
90	QPSK	270	0	15.01	15.26	15.30		15.0	0.0	
90	16QAM	1	0	15.13	15.27	15.28		15.5	0.0	
90	64QAM	1	0	15.13	15.29	15.27		15.0	0.0	
90	256QAM	1	0	15.03	15.28	15.26		15.0	0.0	
Channel										
80	QPSK	1	0	14.99	15.27	15.31				
80	QPSK	1	137	15.12	15.27	15.31		15.5	0.0	
80	QPSK	1	271	15.03	15.26	15.31				
80	QPSK	135	60	15.04	15.26	15.30		15.5	0.0	
80	QPSK	135	194	15.01	15.26	15.30		15.5	0.0	
80	QPSK	270	0	15.01	15.26	15.30		15.0	0.0	
80	16QAM	1	0	15.13	15.27	15.28		15.5	0.0	
80	64QAM	1	0	15.13	15.29	15.27		15.0	0.0	
80	256QAM	1	0	15.03	15.28	15.26		15.0	0.0	
Channel										
70	QPSK	1	0	15.01	15.26	15.33		15.5	0.0	
70	QPSK	1	137	15.12	15.26	15.33		15.5	0.0	
70	QPSK	1	271	15.03	15.26	15.33				
70	QPSK	135	60	15.04	15.26	15.30		15.5	0.0	
70	QPSK	135	194	15.01	15.26	15.30		15.5	0.0	
70	QPSK	270	0	15.01	15.26	15.30		15.0	0.0	
70	16QAM	1	0	15.13	15.27	15.28		15.5	0.0	
70	64QAM	1	0	15.13	15.29	15.27		15.0	0.0	
70	256QAM	1	0	15.03	15.28	15.26		15.0	0.0	
Channel										
60	QPSK	1	0	14.93	15.48	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137	15.04	15.28	15.29		15.5	0.0	
60	QPSK	1	271	14.93	15.48	15.50				
60	QPSK	135	60	14.94	15.48	15.50		15.5	0.0	
60	QPSK	135	194	14.91	15.48	15.50		15.5	0.0	
60	QPSK	270	0	14.91	15.48	15.50		15.0	0.0	
60	16QAM	1	0	15.17	15.29	15.23		15.5	0.0	
60	QPSK	1	1	15.00	15.50	15.50				
60	QPSK	1	137							

Part270_n77_Ant 9									
EW (dB)	Modulation	RF Size	RF Offset	Ch. Low Freq	Ch. High Freq	Power High	Power Low	Channel width (MHz)	Margin (dB)
Channel									
Frequency (MHz)									
100	PQPSK	1	1	16.84	16.81	16.30			
100	PQPSK	1	119	16.84	16.82	16.55		17.0	0.0
100	PQPSK	1	271	16.81	16.87	16.46			
100	PQPSK	1	329	16.80	16.90	16.47		17.0	0.0
100	PQPSK	135	86	16.86	16.82	16.52		17.0	0.0
100	PQPSK	135	199	16.87	16.87	16.46			
100	PQPSK	275	5	16.82	16.86	16.46		17.0	0.0
100	QPSK	1	1	16.58	16.48	16.54			
100	QPSK	1	119	16.57	16.59	16.57		17.0	0.0
100	QPSK	1	271	16.53	16.66	16.58			
100	QPSK	135	8	16.50	16.58	16.58		17.0	0.0
100	QPSK	135	198	16.58	16.58	16.52			
100	QPSK	275	0	16.47	16.47	16.46		17.0	0.0
100	QPSK	275	5	16.54	16.47	16.47		17.0	0.0
100	QPSK	1	1	15.41	15.46	15.57		18.0	1.0
100	25QAM	1	1	15.46	15.50	15.79			0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.84	16.81	16.30		17.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	16.84	16.80	16.50		17.0	0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	16.81	16.72	16.54		17.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	16.81	16.72	16.55		17.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.57	16.85	16.55		17.0	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	16.83	16.85	16.55		17.0	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.82	16.82	16.46		17.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.81	16.87	16.50		17.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.81	16.87	16.50		17.0	0.0
Channel									
Frequency (MHz)									
16	QPSK	1	1	16.78	16.86	16.46		17.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.72	16.94	16.24		17.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.70	16.96	16.25		17.0	0.0

Part270_n78_Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Min Ch. Freq.	Power Max Ch. Freq.	Power High Ch. Freq.	Time-up limit (dBm)	MPE (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	14.81				15.0	0.0
Channel									
Frequency (MHz)									
100	P12 BPSK	1	137	14.72				15.0	0.0
Channel									
Frequency (MHz)									
100	P12 BPSK	1	271	14.58				15.0	0.0
Channel									
Frequency (MHz)									
100	P12 BPSK	135	0	14.51				15.0	0.0
Channel									
Frequency (MHz)									
100	P12 BPSK	135	86	14.54				15.0	0.0
Channel									
Frequency (MHz)									
100	P12 BPSK	135	138	14.47				15.0	0.0
Channel									
Frequency (MHz)									
100	QPSK	1	1	14.88				15.0	0.0
Channel									
Frequency (MHz)									
100	QPSK	1	137	14.77				15.0	0.0
Channel									
Frequency (MHz)									
100	QPSK	135	0	14.58				15.0	0.0
Channel									
Frequency (MHz)									
100	QPSK	135	86	14.51				15.0	0.0
Channel									
Frequency (MHz)									
100	QPSK	135	138	14.42				15.0	0.0
Channel									
Frequency (MHz)									
100	QPSK	270	0	14.59				15.0	0.0
Channel									
Frequency (MHz)									
100	8QAM	1	1	14.77				15.0	0.0
Channel									
Frequency (MHz)									
100	25QAM	1	1	14.79				15.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.50	14.57	14.58		15.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.50	14.50	14.50		15.0	0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	14.50	14.50	14.50		15.0	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	14.50	14.50	14.51		15.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	14.51	14.48	14.50		15.0	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	14.50	14.50	14.50		15.0	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	14.50	14.50	14.52		15.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	14.50	14.52	14.49		15.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	14.50	14.50	14.50		15.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	14.50	14.50	14.50		15.0	0.0

Part270_n78_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Max Ch. Freq.	Power High Ch. Freq.	Time-up limit (dBm)	MPE (dB)	
Frequency (MHz)									
100	P12 BPSK	1	1	14.38				15.0	0.0
Channel									
Frequency (MHz)									
100	P12 BPSK	1	137	14.33					
100	P12 BPSK	1	271	14.35					
100	P12 BPSK	135	0	14.27				15.0	0.0
100	P12 BPSK	135	86	14.41				15.0	0.0
100	P12 BPSK	135	138	14.31				15.0	0.0
100	P12 BPSK	270	0	14.43					
100	QPSK	1	137	14.40				15.0	0.0
100	QPSK	1	271	14.55					
100	QPSK	135	0	14.40					
100	QPSK	135	86	14.42				15.0	0.0
100	QPSK	135	138	14.36					
100	QPSK	270	0	14.41				15.0	0.0
100	8QAM	1	1	14.40				15.0	0.0
100	8QAM	1	1	14.32				15.0	0.0
100	25QAM	1	1	14.37				15.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.30	14.43	14.40		15.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.30	14.43	14.40		15.0	0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	14.30	14.51	14.40		15.0	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	14.34	14.45	14.40		15.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	14.30	14.50	14.40		15.0	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	14.30	14.50	14.40		15.0	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	14.41	14.52	14.51		15.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	14.30	14.52	14.50		15.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	14.30	14.50	14.50		15.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	14.40	14.50	14.50		15.0	0.0

Part270_n78_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Min Ch. Freq.	Power Max Ch. Freq.	Power Max Ch. Freq.	Time-up limit (dBm)	MPE (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	15.12				15.0	0.0
Channel									
Frequency (MHz)									
100	P12 BPSK	1	137	15.27				15.0	0.0
100	P12 BPSK	1	271	15.08					
100	P12 BPSK	135	0	14.91				15.0	0.0
100	P12 BPSK	135	86	15.03				15.0	0.0
100	P12 BPSK	135	138	14.92				15.0	0.0
100	P12 BPSK	270	0	14.96					
100	QPSK	1	137	15.13				15.0	0.0
100	QPSK	1	271	15.16					
100	QPSK	135	0	14.96					
100	QPSK	135	86	14.98				15.0	0.0
100	QPSK	135	138	14.90					
100	QPSK	270	0	14.93				15.0	0.0
100	8QAM	1	1	15.21				15.0	0.0
100	8QAM	1	1	15.22				15.0	0.0
100	25QAM	1	1	15.22				15.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	15.11	15.27	15.24		15.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	15.12	15.23	15.24		15.0	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	15.14	15.31	15.28		15.0	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	15.20	15.21	15.20		15.0	0.0
Channel									
Frequency (MHz)									
25	QPSK	1	1	15.14	15.24	15.20		15.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	15.19	15.26	15.27		15.0	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	15.12	15.21	15.18		15.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	15.14	15.24	15.20		15.0	0.0
Channel									
Frequency (MHz)									
5	QPSK	1	1	15.19	15.26	15.27		15.0	0.0

Reduced Power Mode for Handheld On

Part270_n77_Ant 5										
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch./F.Freq. dBm/0000	Power L1/Freq. dBm/0000	Power L2/F.Freq. dBm/0000	Power L3/F.Freq. dBm/0000	Time-up time (min)	MFR (dB)	
Channel										
150	PI2 BPSK	1	1	20.15	20.21	20.12		21.0	0.0	
150	PI2 BPSK	1	137	20.13	20.20	20.12				
150	PI2 BPSK	1	271	20.05	20.24	20.08				
150	PI2 BPSK	135	0	20.10	20.00	20.04	21.0	0.0		
150	PI2 BPSK	135	80	20.10	20.23	20.10	21.0	0.0		
150	PI2 BPSK	135	138	20.11	20.08	19.98		21.0	0.0	
150	PI2 BPSK	270	0	20.20	20.21	20.10	21.0	0.0		
150	QPSK	1	1	20.22	20.33	20.23				
150	QPSK	1	137	20.20	20.30	20.20	21.0	0.0		
150	QPSK	1	271	20.21	20.32	20.10				
150	QPSK	135	0	20.18	20.15	20.13	21.0	0.0		
150	QPSK	135	80	20.17	20.22	20.12				
150	QPSK	270	0	20.20	20.21	20.10	21.0	0.0		
150	SSB4M	1	1	20.11	20.24	20.10	21.0	0.0		
150	SSB4M	1	1	19.11	19.21	19.10	20.0	1.0		
150	SSB4M	1	1	17.51	17.71	17.60	19.0	0.0		
Channel										
150	SSB4M	1	1	15.51	15.71	15.60	18.0	0.0		
Frequency (MHz)										
30	QPSK	1	1	20.11	20.30	20.20	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.21	20.10	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.28	20.10	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.27	20.10	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.24	20.13	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.29	20.17	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.26	20.14	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.25	20.13	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.24	20.13	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.23	20.12	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.22	20.11	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.21	20.10	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.20	20.09	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.19	20.08	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.18	20.07	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.17	20.06	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.16	20.05	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.15	20.04	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.14	20.03	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.13	20.02	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.12	20.01	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.11	20.00	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.10	19.99	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.09	19.98	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.08	19.97	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.07	19.96	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.06	19.95	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.05	19.94	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.04	19.93	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.03	19.92	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.02	19.91	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	20.01	19.90	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	20.00	19.89	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.99	19.88	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.98	19.87	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.97	19.86	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.96	19.85	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.95	19.84	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.94	19.83	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.93	19.82	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.92	19.81	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.91	19.80	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.90	19.79	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.89	19.78	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.88	19.77	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.87	19.76	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.86	19.75	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.85	19.74	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.84	19.73	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.83	19.72	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.82	19.71	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.81	19.70	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.80	19.69	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.79	19.68	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.78	19.67	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.77	19.66	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.76	19.65	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.75	19.64	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.74	19.63	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.73	19.62	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.72	19.61	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.71	19.60	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.70	19.59	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.69	19.58	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.68	19.57	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.67	19.56	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.66	19.55	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.65	19.54	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.64	19.53	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.63	19.52	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.62	19.51	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.61	19.50	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.60	19.49	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.59	19.48	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.58	19.47	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.57	19.46	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.56	19.45	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.55	19.44	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.54	19.43	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.53	19.42	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.52	19.41	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.51	19.40	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.50	19.39	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.49	19.38	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.48	19.37	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.47	19.36	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.46	19.35	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.45	19.34	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.44	19.33	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.43	19.32	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.42	19.31	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.41	19.30	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.40	19.29	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.39	19.28	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.38	19.27	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.37	19.26	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.36	19.25	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.35	19.24	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.34	19.23	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.33	19.22	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.32	19.21	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.31	19.20	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.30	19.19	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.29	19.18	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.28	19.17	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.27	19.16	21.0	0.0		
Channel										
30	QPSK	1	1	20.11	19.26	19.15	21.0	0.0		
Channel										
30	QPSK	1	1	20.10	19.25	19.14	21.0	0.0		
Channel										
30										

Part270_n77_Ant 3										
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch./F.Freq. dBm/0000	Power L1/Freq. dBm/0000	Power L2/F.Freq. dBm/0000	Power L3/F.Freq. dBm/0000	Time-up time (min)	MFR (dB)	
Channel										
150	PI2 BPSK	1	1	17.25	17.30	18.10		19.0	0.0	
Frequency (MHz)										
150	PI2 BPSK	1	137	18.20	18.10	18.07				
150	PI2 BPSK	1	271	18.21	18.22	18.07				
150	PI2 BPSK	135	0	18.22	18.20	18.14	19.0	0.0		
150	PI2 BPSK	135	80	18.20	18.05	18.07	19.0	0.0		
150	PI2 BPSK	135	138	18.20	18.34	18.22		19.0	0.0	
150	PI2 BPSK	270	0	18.13	18.12	18.17				
150	QPSK	1	1	17.85	17.82	17.70				
150	QPSK	1	137	18.10	18.10	18.00	19.0	0.0		
150	QPSK	1	271	18.10	18.22	18.00				
150	QPSK	135	0	17.85	17.70	17.68	19.0	0.0		
150	QPSK	135	80	18.01	18.00	17.80				
150	QPSK	135	138	17.74	17.79	17.60				
150	QPSK	270	0	17.75	17.84	17.70	19.0	1.0		
150	SSB4M	1	1	16.80	16.70	16.50	17.0	2.0		
150	SSB4M	1	1	15.20	15.21	15.00	16.0	3.0		
150	SSB4M	1	1	13.77	13.70	13.50	15.0	4.0		
Channel										
Frequency (MHz)										
50	QPSK	1	1	17.72	17.89	17.70	19.0	0.0		
Channel										
Frequency (MHz)										
80	QPSK	1	1	17.71	17.77	17.77	19.0	0.0		
Channel										
Frequency (MHz)										
70	QPSK	1	1	17.71	17.88	17.74	19.0	0.0		
Channel										
Frequency (MHz)										
60	QPSK	1	1	17.61	17.81	17.60	19.0	0.0		
Channel										
Frequency (MHz)										
50	QPSK	1	1	17.63	17.91	17.60	19.0	0.0		
Channel										
Frequency (MHz)										
40	QPSK	1	1	17.74	17.88	17.70	19.0	0.0		
Channel										
Frequency (MHz)										
30	QPSK	1	1	17.77	17.77	17.70	19.0	0.0		
Channel										
Frequency (MHz)										
25	QPSK	1	1	17.75	17.80	17.74	19.0	0.0		
Channel										
Frequency (MHz)										
20	QPSK	1	1	17.84	17.84	17.80	19.0	0.0		
Channel										
Frequency (MHz)										
15	QPSK	1	1	17.80	17.77	17.70	19.0	0.0		
Channel										
Frequency (MHz)										
10	QPSK	1	1	17.82	17.84	17.70	19.0	0.0		

Part270_n77_Ant 7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch./F.Freq. dBm/0000	Power L1/Freq. dBm/0000	Power L2/F.Freq. dBm/0000	Power L3/F.Freq. dBm/0000	Time-up time (min)	MFR (dB)	
Channel										
Frequency (MHz)				20.76	20.84	20.70				
150	PI2 BPSK	1	1	20.77	20.87	20.70				
150	PI2 BPSK	1	137	20.70	20.74	20.73	21.0	0.0		
150	PI2 BPSK	1	271	20.69	20.71	20.67				
150	PI2 BPSK	135	0	20.74	20.72	20.60	21.0	0.0		
150	PI2 BPSK	135	80	20.69	20.70	20.62	21.0	0.0		
150	PI2 BPSK	135	138	20.67	20.48	20.22		21.0	0.0	
150	QPSK	1	1	20.79	20.89	20.62				
150	QPSK	1	137	20.72	20.76	20.75	21.0	0.0		
150	QPSK	1	271	20.68	20.70	20.66				
150	QPSK	135	0	20.47	20.48	20.33	21.0	0.0		
150	QPSK	135	80	20.42	20.43	20.35	21.0	0.0		
150	QPSK	135	138	20.40	20.21	20.10		21.0	0.0	
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32	20.32	20.30				
150	QPSK	270	0	20.34	20.38	20.27	21.0	0.0		
150	QPSK	270	80	20.33	20.34	20.26	21.0	0.0		
150	QPSK	270	138	20.32	20.13	20.10		21.0	0.0	
150	QPSK	135	136	20.32						

Part270_n78_Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Turn-up time (min)	MFR (dB)	
Channel									
100	PUSC BPSK	1	1	25.49			21.0	0.0	
100	PUSC BPSK	1	137	25.53					
100	PUSC BPSK	1	271	25.54					
100	PUSC BPSK	135	0	25.41			21.0	0.0	
100	PUSC BPSK	135	66	25.48			21.0	0.0	
100	PUSC BPSK	135	138	25.37			21.0	0.0	
100	PUSC BPSK	270	0	25.76					
100	QPSK	1	1	25.82					
100	QPSK	1	137	25.75			21.0	0.0	
100	QPSK	1	271	25.57					
100	QPSK	135	0	25.52					
100	QPSK	135	66	25.52			21.0	0.0	
100	QPSK	135	138	25.51					
100	QPSK	270	0	25.81			21.0	0.0	
100	ISD4M	1	1	25.75			21.0	0.0	
100	ISD4M	1	1	15.39			20.0	1.0	
100	ISD4M	1	1	17.00			19.0	0.0	
Channel									
Frequency (MHz)				849868	850000	850332	MFR		
QPSK	1	1	25.82	25.75	25.68	25.61	21.0	0.0	
Channel									
Frequency (MHz)				849334	850000	850666	MFR		
QPSK	1	1	25.84	25.83	25.82	25.81	21.0	0.0	
Channel									
Frequency (MHz)				849000	850000	851000	MFR		
QPSK	1	1	25.85	25.70	25.60	25.50	21.0	0.0	
Channel									
Frequency (MHz)				848500	850000	851500	MFR		
QPSK	1	1	25.87	25.81	25.82	25.81	21.0	0.0	
Channel									
Frequency (MHz)				848000	850000	852000	MFR		
QPSK	1	1	25.83	25.88	25.93	25.91	21.0	0.0	
Channel									
Frequency (MHz)				847500	850000	852500	MFR		
QPSK	1	1	25.80	25.83	25.88	25.91	21.0	0.0	
Channel									
Frequency (MHz)				847000	850000	853000	MFR		
QPSK	1	1	25.55	25.68	25.84	25.91	21.0	0.0	
Channel									
Frequency (MHz)				846500	850000	853500	MFR		
QPSK	1	1	25.53	25.74	25.94	26.01	21.0	0.0	
Channel									
Frequency (MHz)				846000	850000	854000	MFR		
QPSK	1	1	25.40	25.83	25.98	26.04	21.0	0.0	
Channel									
Frequency (MHz)				845500	850000	854500	MFR		
QPSK	1	1	25.30	25.88	26.00	26.06	21.0	0.0	
Channel									
Frequency (MHz)				845000	850000	855000	MFR		
QPSK	1	1	25.15	25.90	26.06	26.10	21.0	0.0	
Channel									
Frequency (MHz)				844500	850000	855500	MFR		
QPSK	1	1	25.00	25.93	26.07	26.11	21.0	0.0	

Part270_n78_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Turn-up time (min)	MFR (dB)	
Channel									
100	PUSC BPSK	1	1	15.02			19.0	0.0	
100	PUSC BPSK	1	137	15.04					
100	PUSC BPSK	1	271	15.02					
100	PUSC BPSK	135	0	15.38			19.0	0.0	
100	PUSC BPSK	135	66	15.06			19.0	0.0	
100	PUSC BPSK	135	138	15.38			19.0	0.0	
100	PUSC BPSK	270	0	15.34					
100	QPSK	1	1	17.02					
100	QPSK	1	137	16.10			19.0	0.0	
100	QPSK	1	271	16.02					
100	QPSK	135	0	17.74			19.0	0.0	
100	QPSK	135	66	16.06					
100	QPSK	135	138	17.72					
100	QPSK	270	0	17.60			19.0	1.0	
100	ISD4M	1	1	16.87			17.0	2.0	
100	ISD4M	1	1	15.18			16.0	3.0	
100	ISD4M	1	1	15.17			15.0	4.0	
Channel									
Frequency (MHz)				849868	850000	850332	MFR		
QPSK	1	1	17.75	17.71	17.70	17.70	19.0	0.0	
Channel									
Frequency (MHz)				849334	850000	850666	MFR		
QPSK	1	1	17.72	17.91	17.69	17.69	19.0	0.0	
Channel									
Frequency (MHz)				849000	850000	851000	MFR		
QPSK	1	1	17.75	17.79	17.67	17.67	19.0	0.0	
Channel									
Frequency (MHz)				848500	850000	851500	MFR		
QPSK	1	1	17.70	17.80	17.66	17.66	19.0	0.0	
Channel									
Frequency (MHz)				848000	850000	852000	MFR		
QPSK	1	1	17.62	17.81	17.71	17.71	19.0	0.0	
Channel									
Frequency (MHz)				847500	850000	852500	MFR		
QPSK	1	1	17.73	17.86	17.68	17.68	19.0	0.0	
Channel									
Frequency (MHz)				847000	850000	853000	MFR		
QPSK	1	1	17.69	17.90	17.71	17.71	19.0	0.0	
Channel									
Frequency (MHz)				846500	850000	853500	MFR		
QPSK	1	1	17.62	17.84	17.77	17.77	19.0	0.0	
Channel									
Frequency (MHz)				846000	850000	854000	MFR		
QPSK	1	1	17.55	17.88	17.79	17.79	19.0	0.0	
Channel									
Frequency (MHz)				845500	850000	854500	MFR		
QPSK	1	1	17.47	17.90	17.79	17.79	19.0	0.0	
Channel									
Frequency (MHz)				845000	850000	855000	MFR		
QPSK	1	1	17.30	17.76	17.70	17.70	19.0	0.0	

Part270_n78_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Turn-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)				849868	850000	850332	MFR		
100	PUSC BPSK	1	1	25.73			21.0	0.0	
100	PUSC BPSK	1	137	25.64					
100	PUSC BPSK	1	271	25.74					
100	PUSC BPSK	135	0	25.58			21.0	0.0	
100	PUSC BPSK	135	66	25.68			21.0	0.0	
100	PUSC BPSK	135	138	25.63			21.0	0.0	
100	QPSK	1	1	25.79					
100	QPSK	1	137	25.81			21.0	0.0	
100	QPSK	1	271	25.88					
100	QPSK	135	0	25.77			21.0	0.0	
100	QPSK	135	66	25.82					
100	QPSK	135	138	25.82					
100	QPSK	270	0	25.89			21.0	0.0	
100	ISD4M	1	1	25.81			21.0	0.0	
100	ISD4M	1	1	19.48			20.0	0.0	
100	ISD4M	1	1	19.01			19.0	1.0	
Channel									
Frequency (MHz)				849868	850000	850332	MFR		
50	QPSK	1	1	25.74	25.74	25.74	21.0	0.0	
Channel									
Frequency (MHz)				849334	850000	850666	MFR		
50	QPSK	1	1	25.77	25.69	25.69	21.0	0.0	
Channel									
Frequency (MHz)				849000	850000	851000	MFR		
80	QPSK	1	1	25.75	25.85	25.65	21.0	0.0	
Channel									
Frequency (MHz)				848500	850000	851500	MFR		
70	QPSK	1	1	25.72	25.86	25.62	21.0	0.0	
Channel									
Frequency (MHz)				848000	850000	852000	MFR		
80	QPSK	1	1	25.77	25.82	25.61	21.0	0.0	
Channel									
Frequency (MHz)				847500	850000	852500	MFR		
50	QPSK	1	1	25.72	25.86	25.62	21.0	0.0	
Channel									
Frequency (MHz)				847000	850000	853000	MFR		
40	QPSK	1	1	25.78	25.80	25.59	21.0	0.0	
Channel									
Frequency (MHz)				846500	850000	853500	MFR		
30	QPSK	1	1	25.75	25.90	25.67	21.0	0.0	
Channel									
Frequency (MHz)				846000	850000	854000	MFR		
25	QPSK	1	1	25.73	25.88	25.62	21.0	0.0	
Channel									
Frequency (MHz)				845500	850000	854500	MFR		
15	QPSK	1	1	25.70	25.93	25.62	21.0	0.0	
Channel									
Frequency (MHz)				845000	850000	855000	MFR		
10	QPSK	1	1	25.72	25.95	25.59	21.0	0.0	
Channel									
Frequency (MHz)				844500	850000	855500	MFR		
10	QPSK	1	1	25.73	25.91	25.59	21.0	0.0	

[illegible][illegible]

Part27Q_n78 Ant 7									
RF (MHz)	Modulation	IF BW (Hz)	RF BW (Hz)	Power Cn/Freq (dBm)	Power Cn/Freq (dBm)	Power Cn/Freq (dBm)	Power Cn/Freq (dBm)	Power Cn/Freq (dBm)	MPN (dB)
			Frequency (MHz)						
100	PSK-BPSK	1	1	15.12	15.12	15.12	15.12	15.12	0.0
100	PSK-BPSK	1	20	15.12	15.12	15.12	15.12	15.12	0.0
100	PSK-BPSK	1	200	15.12	15.12	15.12	15.12	15.12	0.0
100	PSK-BPSK	1	2000	15.12	15.12	15.12	15.12	15.12	0.0
100	PSK-BPSK	100	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	10000000000000000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100000000000000000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000000000000000000000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000000000000000000000000000000000000000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100	60	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	100	600	15.03	15.03	15.03	15.03	15.03	0.0
100	PSK-BPSK	1000	60	15.03	15.03	15.03			

[illegible]

Reduced Power Mode for Sensor Off

Part270_n77 Ant 5									
Bit [MHz]	Modulation	RB Size	RB Offset	Low Power [dBm]	Med. Power [dBm]	High Power [dBm]	Power level [dBm]	MA [MHz]	
Channel									
100	Frequency [MHz]	1		21.92	21.93	21.93			
100	PIC2 BPSK	1	137	22.67	22.82	22.78	24.0	0.0	
100	PIC2 BPSK	1	273	23.74	23.81	23.81			
100	PIC2 BPSK	1	273	22.79	22.82	22.82	23.0	0.0	
100	PIC2 BPSK	135	69	22.79	22.89	22.82	24.0	0.0	
100	PIC2 BPSK	275	1	22.81	22.85	22.85	23.5	0.5	
100	QPSK	1	1	22.04	22.05	22.04			
100	QPSK	1	211	22.03	22.05	22.03			
100	QPSK	1	211	22.03	22.05	22.03			
100	QPSK	135	6	21.51	21.55	21.45	24.0	0.0	
100	QPSK	135	138	21.57	21.48	21.42			
100	QPSK	270	1	21.40	21.50	21.51	23.0	1.0	
100	16QAM	1	1	20.78	20.71				
100	54QAM	1	1	19.11	19.21	19.10	20.5	3.5	
100	31.02.07	1	1	21.21	21.21				
Channel									
90	Frequency [MHz]	1		90.9999	90.9999	90.9999			
90	QPSK	1	1	22.05	22.11	22.12	24.0	0.0	
Channel									
80	Frequency [MHz]	1		80.9999	80.9999	80.9999			
80	QPSK	1	1	22.05	22.05	22.05	24.0	0.0	
Channel									
70	Frequency [MHz]	1		70.9999	70.9999	70.9999			
70	QPSK	1	1	22.08	22.11	22.08	24.0	0.0	
Channel									
60	Frequency [MHz]	1		60.9999	60.9999	60.9999			
60	QPSK	1	1	22.12	22.08	22.05	24.0	0.0	
Channel									
50	Frequency [MHz]	1		50.9999	50.9999	50.9999			
50	QPSK	1	1	22.07	22.11	22.10	24.0	0.0	
Channel									
40	Frequency [MHz]	1		40.9999	40.9999	40.9999			
40	QPSK	1	1	22.02	22.10	22.14	24.0	0.0	
Channel									
30	Frequency [MHz]	1		30.9999	30.9999	30.9999			
30	QPSK	1	1	22.01	22.05	22.05	24.0	0.0	
Channel									
25	Frequency [MHz]	1		25.9999	25.9999	25.9999			
25	QPSK	1	1	22.13	22.25	22.45	24.0	0.0	
Channel									
20	Frequency [MHz]	1		20.9999	20.9999	20.9999			
20	QPSK	1	1	22.10	22.14	22.05	24.0	0.0	
Channel									
15	Frequency [MHz]	1		15.9999	15.9999	15.9999			
15	QPSK	1	1	22.11	22.11	22.11	24.0	0.0	
Channel									
10	Frequency [MHz]	1		10.9999	10.9999	10.9999			
10	QPSK	1	1	22.14	22.14	22.02	24.0	0.0	

Part270_n77 Ant 3											
Bit (MHz)	Modulation	PS Size	RB Offset	Low Frequency	Low Power	Medium Frequency	Medium Power	High Frequency	High Power	Approx. min range (km)	Approx. max range (km)
Channel											
Frequency (MHz)				1	1770	1770	1770	1770	1770		
100	P25 QPSK	1	1	17.70	18.22	17.70	18.22	17.70	18.22	15.0	0.0
100	P25 QPSK	1	137	18.08	18.58	18.07	18.57				
100	P25 QPSK	1	271	18.21	18.22	18.07	18.07				
100	P25 QPSK	135	0	18.07	18.58	18.07	18.57	18.07	18.57	15.0	0.0
100	P25 QPSK	135	88	18.02	18.05	18.07	18.07			15.0	0.0
100	P25 QPSK	135	198	18.07	18.58	18.07	18.57			15.0	0.0
100	P25 QPSK	275	0	18.13	18.22	18.07	18.07			15.0	0.0
100	QPSK	1	1	17.85	18.02	17.79	17.79				
100	QPSK	135	0	17.79	18.22	17.79	18.22	17.79	18.22	15.0	0.0
100	QPSK	1	211	18.18	18.22	18.08	18.08				
100	QPSK	135	0	17.65	17.70	17.68	17.68			15.0	0.0
100	QPSK	135	135	17.68	17.70	17.65	17.65			15.0	0.0
100	QPSK	135	138	17.74	17.79	17.65	17.65				
100	QPSK	270	0	17.75	17.86	17.65	17.65			15.0	0.0
100	SSB4M	1	1	18.08	18.10	18.05	18.05	18.05	18.10	15.0	0.0
100	SSB4M	1	1	18.20	18.21	18.00	18.00	18.00	18.20	15.0	0.0
100	SSB37.1	1	1	19.037	19.13	19.04	19.04	19.04	19.13	15.0	0.0
Frequency (MHz)				1	85000	85000	85232			147M	
50	QPSK	1	1	17.75	17.83	17.70	17.70			15.0	0.0
Channel					84934	85000	85066			147M	
50	QPSK	1	1	17.71	17.77	17.77	17.77	17.77	17.83	15.0	0.0
Channel					85000	85000	85000			147M	
75	QPSK	1	1	17.71	17.78	17.74	17.74	17.74	17.83	15.0	0.0
Channel					84888	85000	85032			147M	
75	QPSK	1	1	17.74	17.84	17.84	17.84	17.84	17.93	15.0	0.0
Channel					84934	85000	85000			147M	
60	QPSK	1	1	17.81	17.79	17.68	17.68	17.68	17.80	15.0	0.0
50	QPSK	1	1	17.81	17.71	17.84	17.84	17.84	17.93	15.0	0.0
Frequency (MHz)				1	85000	85000	85000			147M	
40	QPSK	1	1	17.74	17.88	17.70	17.70	17.70	17.83	15.0	0.0
Frequency (MHz)				1	85000	85000	85000			147M	
30	QPSK	1	1	17.72	17.80	17.75	17.75	17.75	17.83	15.0	0.0
Frequency (MHz)				1	85000	85000	85000			147M	
25	QPSK	1	1	17.73	17.85	17.75	17.75	17.75	17.83	15.0	0.0
Frequency (MHz)				1	85000	85000	85000			147M	
Channel					84918	85000	84932			147M	
20	QPSK	1	1	17.67	17.78	17.77	17.77	17.77	17.85	15.0	0.0
Frequency (MHz)				1	84700	85000	84932			147M	
15	QPSK	1	1	17.62	17.77	17.77	17.77	17.77	17.85	15.0	0.0
Channel					84700	85000	84932			147M	
10	QPSK	1	1	17.62	17.84	17.75	17.75	17.75	17.85	15.0	0.0

Part270_n77_Ant 7											
Bin [kHz]	Modulation	RF Sig.	RF Offset	Low Loss	Low Noise	Media Loss	Media Noise	High Loss	High Noise	Power Level [dBm]	AF [dB]
Channel											
Frequency [MHz]											
100	P2M BPSK	1	1	12.90	24.34	25.13	24.94				
100	P2M BPSK	1	137	23.81	23.89	23.87		24.0	0.0		
100	P2M BPSK	1	271	22.79	22.85	22.71		23.5	0.0		
100	P2M BPSK	1	273	22.80	22.87	22.74		23.5	0.0		
100	P2M BPSK	135	69	23.76	23.88	23.82	24.0	24.0	0.0		
100	P2M BPSK	135	156	22.59	22.67	22.54		23.5	0.0		
100	P2M BPSK	275	23	22.87	22.94	22.84		23.5	0.0		
100	QPSK	1	1	20.90	21.05	21.04		24.0	0.0		
100	QPSK	1	137	22.77	22.84	22.76		24.0	0.0		
100	QPSK	1	271	22.77	22.82	22.68		24.0	0.0		
100	QPSK	135	6	22.28	22.49	22.52		24.0	0.0		
100	QPSK	135	239	22.28	22.49	22.52		24.0	0.0		
100	QPSK	135	156	22.54	22.57	22.47					
100	QPSK	275	0	22.44	22.56	22.44	22.5	23.0	1.0		
100	16QAM	1	1	21.71	21.86	21.74		23.0	0.0		
100	64QAM	1	1	20.17	20.24	20.23	20.3	20.5	0.5		
100	30825.75	1	0	19.63	19.63	19.63					
Channel											
Frequency [MHz]											
90	QPSK	1	1	22.57	22.64	22.54		24.0	0.0		
90	QPSK	1	137	22.57	22.64	22.54		24.0	0.0		
Channel											
Frequency [MHz]											
80	QPSK	1	1	22.54	22.54	22.53		24.0	0.0		
80	QPSK	1	137	22.54	22.54	22.53		24.0	0.0		
Channel											
Frequency [MHz]											
76	QPSK	1	1	22.76	22.92	22.91		24.0	0.0		
76	QPSK	1	137	22.76	22.92	22.91		24.0	0.0		
Channel											
Frequency [MHz]											
60	QPSK	1	1	24.88	25.00	24.88		24.0	0.0		
60	QPSK	1	137	24.88	25.00	24.88		24.0	0.0		
Channel											
Frequency [MHz]											
50	QPSK	1	1	22.89	23.03	23.01	24.0	24.0	0.0		
50	QPSK	1	137	22.89	23.03	23.01	24.0	24.0	0.0		
Channel											
Frequency [MHz]											
40	QPSK	1	1	22.88	22.98	22.81	24.0	24.0	0.0		
40	QPSK	1	137	22.88	22.98	22.81	24.0	24.0	0.0		
Channel											
Frequency [MHz]											
30	QPSK	1	1	22.87	22.95	22.90	24.0	24.0	0.0		
30	QPSK	1	137	22.87	22.95	22.90	24.0	24.0	0.0		
Channel											
Frequency [MHz]											
25	QPSK	1	1	22.86	22.93	22.91	24.0	24.0	0.0		
25	QPSK	1	137	22.86	22.93	22.91	24.0	24.0	0.0		
Channel											
Frequency [MHz]											
20	QPSK	1	1	22.85	22.93	22.91	24.0	24.0	0.0		
20	QPSK	1	137	22.85	22.93	22.91	24.0	24.0	0.0		
Channel											
Frequency [MHz]											
15	QPSK	1	1	22.82	22.90	22.88	24.0	24.0	0.0		
15	QPSK	1	137	22.82	22.90	22.88	24.0	24.0	0.0		
Channel											
Frequency [MHz]											
10	QPSK	1	1	22.80	22.93	22.86	24.0	24.0	0.0		
10	QPSK	1	137	22.80	22.93	22.86	24.0	24.0	0.0		

[illegible]

[illegible]

Spot Check Power

GSM850_Ant 0 Default		Burst Average Power (dBm)		Tune-up Limit (dBm)	Frame Average Power (dBm)		Tune-up Limit (dBm)
TX Channel		128	189		128	189	
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8
GPRS 4 Tx slots		28.55	28.60	28.57	30.50	25.55	25.57

GSM850_Ant 0 Receiver on		Burst Average Power (dBm)		Tune-up Limit (dBm)	Frame Average Power (dBm)		Tune-up Limit (dBm)
TX Channel		128	189		128	189	
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8
GPRS 4 Tx slots		28.55	28.60	28.57	30.50	25.55	25.57

GSM850_Ant 0 Sensor on		Burst Average Power (dBm)		Tune-up Limit (dBm)	Frame Average Power (dBm)		Tune-up Limit (dBm)
TX Channel		128	189		128	189	
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8
GPRS 4 Tx slots		27.62	27.65	27.59	29.50	24.62	24.65

GSM850_Ant 0 Handheld		Burst Average Power (dBm)		Tune-up Limit (dBm)	Frame Average Power (dBm)		Tune-up Limit (dBm)
TX Channel		128	189		128	189	
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8
GPRS 4 Tx slots		28.55	28.60	28.57	30.50	25.55	25.57

GSM850_Ant 0 Hotspot on		Burst Average Power (dBm)		Tune-up Limit (dBm)	Frame Average Power (dBm)		Tune-up Limit (dBm)
TX Channel		128	189		128	189	
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8
GPRS 4 Tx slots		27.62	27.65	27.59	29.50	24.62	24.65

GSM850_Ant 0 Sensor Off		Burst Average Power (dBm)		Tune-up Limit (dBm)	Frame Average Power (dBm)		Tune-up Limit (dBm)
TX Channel		128	189		128	189	
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8
GPRS 4 Tx slots		28.55	28.60	28.57	30.50	25.55	25.57

Band		WCDMA II_Ant 1 Default		Tune-up Limit (dBm)
TX Channel		9262	9400	9538
Rx Channel		9662	9800	9938
Frequency (MHz)		1852.4	1880	1907.6
3GPP Rel 99 RMC 12.2Kbps		22.53	22.76	22.71

Band		WCDMA II_Ant 1 Receiver on		Tune-up Limit (dBm)
TX Channel		9262	9400	9538
Rx Channel		9662	9800	9938
Frequency (MHz)		1852.4	1880	1907.6
3GPP Rel 99 RMC 12.2Kbps		22.53	22.76	22.71

Band		WCDMA II_Ant 1 Sensor on		Tune-up Limit (dBm)
TX Channel		9262	9400	9538
Rx Channel		9662	9800	9938
Frequency (MHz)		1852.4	1880	1907.6
3GPP Rel 99 RMC 12.2Kbps		19.12	19.16	19.13

Band		WCDMA II_Ant 1 Handheld		Tune-up Limit (dBm)
TX Channel		9262	9400	9538
Rx Channel		9662	9800	9938
Frequency (MHz)		1852.4	1880	1907.6
3GPP Rel 99 RMC 12.2Kbps		20.69	20.77	20.72

Band		WCDMA II_Ant 1 Hotspot on		Tune-up Limit (dBm)
TX Channel		9262	9400	9538
Rx Channel		9662	9800	9938
Frequency (MHz)		1852.4	1880	1907.6
3GPP Rel 99 RMC 12.2Kbps		18.13	18.15	18.11

Band		WCDMA II_Ant 1 Sensor Off		Tune-up Limit (dBm)
TX Channel		9262	9400	9538
Rx Channel		9662	9800	9938
Frequency (MHz)		1852.4	1880	1907.6
3GPP Rel 99 RMC 12.2Kbps		22.53	22.76	22.71

Band		WCDMA IV_Ant 1 Default		Tune-up Limit (dBm)
TX Channel		1312	1413	1513
Rx Channel		1537	1638	1738
Frequency (MHz)		1712.4	1732.6	1752.6
3GPP Rel 99 RMC 12.2Kbps		22.34	22.40	22.33

Band		WCDMA IV_Ant 1 Receiver on		Tune-up Limit (dBm)
TX Channel		1312	1413	1513
Rx Channel		1537	1638	1738
Frequency (MHz)		1712.4	1732.6	1752.6
3GPP Rel 99 RMC 12.2Kbps		22.34	22.40	22.33

Band		WCDMA IV_Ant 1 Sensor on		Tune-up Limit (dBm)
TX Channel		1312	1413	1513
Rx Channel		1537	1638	1738
Frequency (MHz)		1712.4	1732.6	1752.6
3GPP Rel 99 RMC 12.2Kbps		19.26	19.35	19.22

Band		WCDMA IV_Ant 1 Handheld		Tune-up Limit (dBm)
TX Channel		1312	1413	1513
Rx Channel		1537	1638	1738
Frequency (MHz)		1712.4	1732.6	1752.6
3GPP Rel 99 RMC 12.2Kbps		20.24	20.35	20.23

Band		WCDMA IV_Ant 1 Hotspot on		Tune-up Limit (dBm)
TX Channel		1312	1413	1513
Rx Channel		1537	1638	1738
Frequency (MHz)		1712.4	1732.6	1752.6
3GPP Rel 99 RMC 12.2Kbps		18.47	18.53	18.48

Band		WCDMA IV_Ant 1 Sensor Off		Tune-up Limit (dBm)
TX Channel		1312	1413	1513
Rx Channel		1537	1638	1738
Frequency (MHz)		1712.4	1732.6	1752.6
3GPP Rel 99 RMC 12.2Kbps		22.34	22.40	22.33

GSM1900_Ant 1 Default		Burst Average Power (dBm)		Tune-up Limit (dBm)	Frame Average Power (dBm)		Tune-up Limit (dBm)
TX Channel		512	661		512	661	
Frequency (MHz)		1850.2	1880	1909.8	1850.2	1880	1909.8
GPRS 4 Tx slots		25.48	25.60	25.52	27.50	22.48	22.52

GSM1900_Ant 1 Receiver on		Burst Average Power (dBm)		Tune-up Limit (dBm)	Frame Average Power (dBm)		Tune-up Limit (dBm)
TX Channel		512	661		512	661	
Frequency (MHz)		1850.2	1880	1909.8	1850.2	1880	1909.8
GPRS 4 Tx slots		25.48	25.60	25.52	27.50	22.48	22.52

GSM1900_Ant 1 Sensor on		Burst Average Power (dBm)		Tune-up Limit (dBm)	Frame Average Power (dBm)		Tune-up Limit (dBm)
TX Channel		512	661		512	661	
Frequency (MHz)		1850.2	1880	1909.8	1850.2	1880	1909.8
GPRS 4 Tx slots		23.58	23.63	23.60	25.50	20.55	20.63

GSM1900_Ant 1 Handheld		Burst Average Power (dBm)		Tune-up Limit (dBm)	Frame Average Power (dBm)		Tune-up Limit (dBm)
TX Channel		512	661		512	661	
Frequency (MHz)		1850.2	1880	1909.8	1850.2	1880	1909.8
GPRS 4 Tx slots		24.53	24.55	24.52	26.50	21.53	21.55

GSM1900_Ant 1 Hotspot on		Burst Average Power (dBm)		Tune-up Limit (dBm)	Frame Average Power (dBm)		Tune-up Limit (dBm)
TX Channel		512	661		512	661	
Frequency (MHz)		1850.2	1880	1909.8	1850.2	1880	1909.8
GPRS 4 Tx slots		22.11	22.13	22.11	24.00	19.11	19.13

GSM1900_Ant 1 Sensor Off		Burst Average Power (dBm)		Tune-up Limit (dBm)	Frame Average Power (dBm)		Tune-up Limit (dBm)
TX Channel		512	661		512	661	
Frequency (MHz)		1850.2	1880	1909.8	1850.2	1880	1909.8
GPRS 4 Tx slots		25.48	25.60	25.52	27.50	22.48	22.52

Band		WCDMA V_Ant 0 Default		Tune-up Limit (dBm)
TX Channel		4132	4182	4233
Rx Channel		4357	4407	4458
Frequency (MHz)		826.4	836.4	846.6
3GPP Rel 99 RMC 12.2Kbps		22.55	22.58	22.48

Band		WCDMA V_Ant 0 Receiver on		Tune-up Limit (dBm)
TX Channel		4132	4182	4233
Rx Channel		4357	4407	4458
Frequency (MHz)		826.4	836.4	846.6
3GPP Rel 99 RMC 12.2Kbps		22.55	22.58	22.48

Band		WCDMA V_Ant 0 Sensor on		Tune-up Limit (dBm)
TX Channel		4132	4182	4233
Rx Channel		4357	4407	4458
Frequency (MHz)		826.4	836.4	846.6
3GPP Rel 99 RMC 12.2Kbps		22.55	22.58	22.48

Band		WCDMA V_Ant 0 Handheld		Tune-up Limit (dBm)
TX Channel		4132	4182	4233
Rx Channel		4357	4407	4458
Frequency (MHz)		826.4	836.4	846.6
3GPP Rel 99 RMC 12.2Kbps		22.55	22.58	22.48

Band		WCDMA V_Ant 0 Hotspot on		Tune-up Limit (dBm)
TX Channel		4132	4182	4233
Rx Channel		4357	4407	4458
Frequency (MHz)		826.4	836.4	846.6
3GPP Rel 99 RMC 12.2Kbps		22.55	22.58	22.48

Band		WCDMA V_Ant 0 Sensor Off		Tune-up Limit (dBm)
TX Channel		4132	4182	4233
Rx Channel		4357	4407	4458
Frequency (MHz)		826.4	836.4	846.6
3GPP Rel 99 RMC 12.2Kbps		22.55	22.58	22.48

Band 38_Ant 1 Default							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2680	2695	2610	
20	QPSK	1	49	22.73	22.80	22.78	24
20	QPSK	50	0	21.94	21.97	21.90	23

Band 38_Ant 1_Ant 5 Receiver on							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	49	22.73	22.80	22.78	24
20	QPSK	50	0	21.91	21.97	21.90	23

Band 38_Ant 1_Ant 5 Sensor on								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	49	21.37	21.39	21.29	22.5	
20	QPSK	50	0	20.47	20.55	20.50	21.5	

Band 38_Ant 1_Ant 5 Handheld							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				20960	20996	21010	
20	QPSK	1	49	21.73	21.80	21.78	23
20	QPSK	50	0	20.91	20.97	20.90	22

Band 38_Ant 1_Ant 5 Hotspot on							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	49	21.37	21.39	21.29	22.5
20	QPSK	50	0	20.55	20.56	20.50	21.5

Band 38_Ant 1_Ant 5 Sensor Off								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	49	22.73	22.80	22.78	24	
20	QPSK	50	0	21.91	21.97	21.90	23	

Band 38(Other PA)_Ant 1 Default							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2680	2695	2610	
20	QPSK	1	49	23.18	23.26	23.21	24
20	QPSK	50	0	22.37	22.44	22.33	23

Band 38(Other PA)_Ant 1 Receiver on								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	49	23.18	23.26	23.21	24	
20	QPSK	50	0	22.37	22.44	22.33	23	

Band 38(Other PA)_Ant 1 Sensor on							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	49	21.64	21.66	21.54	22.5
20	QPSK	50	0	20.77	20.85	20.84	21.5

Band 38(Other PA)_Ant 1 Handheld								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power High Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	49	22.15	22.17	22.11	23	
20	QPSK	50	0	21.32	21.34	21.30	22	

Band 38(Other PA)_Ant 1 Hotspot on							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)
Channel				2850	3800	3850	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	49	21.57	21.65	21.62	22.5
20	QPSK	50	0	20.85	20.89	20.82	21.5

Band 38(Other PA)_Ant 1 Sensor Off							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq	Power Middle Ch./ Freq	Power High Ch./ Freq	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2850	2595	2610	
20	QPSK	1	49	23.18	23.26	23.21	24
20	QPSK	50	0	22.37	22.44	22.33	23

Part 27Q_Band 42_Ant 5 Default							
BW / [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Im (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	49	23.10	23.08	22.96	24
20	QPSK	50	0	22.18	22.16	22.17	23

Part 27Q_Band 42_Ant 5 Receiver on								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up lim (dBm)	
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	49	15.16	15.12	15.02	16	
20	QPSK	50	0	14.25	14.22	14.08	15	

Part 27Q_Band 42_Ant 5 Sensor on							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up lim (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	49	13.73	13.60	13.53	14.5
20	QPSK	50	0	12.71	12.70	12.55	13.5

Part 27Q_Band 42_Ant 5 Handheld							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up lim (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	49	20.75	20.62	20.55	
20	QPSK	50	0	19.73	19.71	19.56	20.5

Part 27Q_Band 42_Ant 5 Hotspot on							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	49	12.60	12.58	12.47	
20	QPSK	50	0	11.87	11.66	11.48	12.5

Part 27Q_Band 42_Ant 5 Sensor Off							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up lim (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	49	23.10	23.08	22.95	
20	QPSK	50	0	22.18	22.16	21.97	23

FCC_n41_Ant 1 Default							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	1	137	22.67	22.68	22.65	24
100	QPSK	135	69	22.55	22.60	22.58	24

FCC_n41_Ant 1 Receiver on							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	1	137	22.67	22.68	22.65	24
100	QPSK	135	69	22.55	22.60	22.58	24

FCC_n41_Ant 1 Sensor on							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	1	137	20.75	20.85	20.67	22
100	QPSK	135	69	20.61	20.72	20.63	22

FCC_n41_Ant 1 Handheld							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	1	137	20.75	20.85	20.67	22
100	QPSK	135	69	20.61	20.72	20.63	22

FCC_n41_Ant 1 Hotspot on							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	1	137	20.75	20.85	20.67	22
100	QPSK	135	69	20.61	20.72	20.63	22

FCC_n41_Ant 1 Sensor Off							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	1	137	22.67	22.68	22.65	24
100	QPSK	135	69	22.55	22.60	22.58	24

2.4GHz WLAN_Ant.6			Default		Head_Standalone		Head_Simultaneous		Body Worn_Standalone		Body Worn_Simultaneous		Extremity_Standalone		Extremity_Simultaneous		Hotspot	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11b 1Mbps	1	2412	19.31	20.50	18.92	20.00	15.82	17.00	19.31	20.50	16.72	18.00	19.31	20.50	16.33	18.50	18.33	19.50
	6	2437	19.82	20.50	19.43	20.00	16.32	17.00	19.82	20.50	17.31	18.00	19.82	20.50	16.82	18.50	18.82	19.50
	11	2462	19.32	20.50	18.82	20.00	15.81	17.00	19.32	20.50	16.92	18.00	19.32	20.50	16.42	18.50	18.42	19.50

5.2GHz WLAN_Ant.5			Default		Head_Standalone		Body Worn_Standalone		Extremity_Standalone	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11a 6Mbps	36	5180	18.95	20.50	18.92	20.00	16.95	20.50	18.05	19.50
	40	5200	18.92	20.50	18.45	20.00	16.92	20.50	17.85	19.50
	44	5220	18.90	20.50	18.50	20.00	16.90	20.50	17.85	19.50
	48	5240	18.79	20.50	18.37	20.00	16.79	20.50	17.83	19.50

5.2GHz WLAN_Ant.5			Default		Head_Simultaneous		Body Worn_Simultaneous		Extremity_Simultaneous		Hotspot	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11n 4T40 MCS0	38	5190	15.28	17.00	15.48	17.00	15.28	17.00	13.73	15.50	14.23	16.00
	46	5230	17.25	19.00	15.55	17.00	15.33	17.00	13.78	15.50	14.25	16.00

5.3GHz WLAN_Ant.6			Default		Head_Standalone		Body Worn_Standalone		Extremity_Standalone	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11a 6Mbps	52	5260	18.87	20.50	18.40	20.00	18.87	20.50	17.96	19.50
	56	5280	18.92	20.50	18.36	20.00	18.92	20.50	17.87	19.50
	60	5300	18.94	20.50	18.50	20.00	18.94	20.50	18.02	19.50
	64	5320	18.40	20.00	18.41	20.00	18.40	20.00	17.88	19.50

5.3GHz WLAN_Ant.5			Default		Head_Simultaneous		Body Worn_Simultaneous	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11n 4T40 MCS0	54	5270	17.20	19.00	15.55	17.00	15.25	17.00
	62	5310	15.26	17.00	15.58	17.00	15.27	17.00

5.3GHz WLAN_Ant.5			Default		Extremity_Simultaneous	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11ac VHT80 MCS0	58	5290	14.13	16.00	13.73	15.50

5.5GHz WLAN_Ant.5			Default		Extremity_Standalone	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11a 6Mbps	100	5500	18.98	20.50	18.05	19.50
	116	5580	18.85	20.50	17.86	19.50
	124	5620	18.85	20.50	17.97	19.50
	132	5660	18.89	20.50	17.98	19.50
	140	5700	18.38	18.00	16.37	18.00
	144	5720	18.97	20.50	18.03	19.50

5.5GHz WLAN_Ant.6			Default		Head_Standalone		Head_Simultaneous		Body Worn_Standalone		Body Worn_Simultaneous		Extremity_Simultaneous	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11ac VHT80 MCS0	106	5530	15.77	17.50	15.28	17.00	13.05	14.50	15.77	17.50	12.73	14.50	13.82	15.50
	122	5610	16.15	18.00	15.20	17.00	13.01	14.50	16.15	18.00	12.75	14.50	13.72	15.50
	138	5690	16.28	18.00	15.33	17.00	13.13	14.50	16.28	18.00	12.81	14.50	13.85	15.50

5.8GHz WLAN_Ant.5			Default		Extremity_Standalone	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11a 6Mbps	148	5745	18.63	20.00	18.26	19.50
	157	5785	18.70	20.00	18.28	19.50
	165	5825	18.65	20.00	18.17	19.50

5.8GHz WLAN_Ant.5			Default		Head_Standalone		Head_Simultaneous		Body Worn_Standalone		Body Worn_Simultaneous		Extremity_Simultaneous		Hotspot	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11ac VHT80 MCS0	155	5775	16.03	18.00	15.12	17.00	12.53	14.00	16.03	18.00	12.63	14.50	13.67	15.50	11.58	13.50

BR / EDR			Art 6
Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
BR / EDR	CH 00	2402	10.22
	CH 36	2441	10.91
	CH 76	2480	10.82
Tune-up Limit			12