



Full power mode

Band 14_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)				
Channel 23330												
Frequency (MHz) 793												
10	QPSK	1	0	22.84			24	0				
10	QPSK	1	25	22.66								
10	QPSK	1	49	22.61								
10	QPSK	25	0	21.78			23	1				
10	QPSK	25	12	21.59								
10	QPSK	25	25	21.57								
10	QPSK	50	0	21.62			23	1				
10	16QAM	1	0	22.13								
10	16QAM	1	25	22.12								
10	16QAM	1	49	21.90			22	2				
10	16QAM	25	0	20.65								
10	16QAM	25	12	20.57								
10	16QAM	25	25	20.56			22	2				
10	16QAM	50	0	20.62								
10	16QAM	50	0	21.06								
10	64QAM	1	0	20.92			22	2				
10	64QAM	1	25	20.80								
10	64QAM	1	49	20.80								
10	64QAM	25	0	19.70			21	3				
10	64QAM	25	12	19.60								
10	64QAM	25	25	19.63								
10	64QAM	50	0	19.61			21	3				
Channel 23330												
Frequency (MHz) 793												
5	QPSK	1	0	22.68	22.67	22.74	24	0				
5	QPSK	1	12	22.49	22.57	22.58						
5	QPSK	1	24	22.43	22.46	22.43						
5	QPSK	12	0	21.63	21.65	21.60	23	1				
5	QPSK	12	7	21.43	21.51	21.46						
5	QPSK	12	13	21.49	21.47	21.44						
5	QPSK	25	0	21.47	21.46	21.45	23	1				
5	16QAM	1	0	22.00	22.01	22.03						
5	16QAM	1	12	22.03	22.01	21.97						
5	16QAM	1	24	21.76	21.73	21.75	22	2				
5	16QAM	12	0	20.64	20.63	20.67						
5	16QAM	12	7	20.43	20.49	20.41						
5	16QAM	12	13	20.42	20.40	20.43	22	2				
5	16QAM	25	0	20.48	20.49	20.45						
5	64QAM	1	0	20.93	20.91	20.97						
5	64QAM	1	12	20.79	20.81	20.79	22	2				
5	64QAM	1	24	20.63	20.72	20.62						
5	64QAM	12	0	19.54	19.58	19.53						
5	64QAM	12	7	19.50	19.49	19.50	21	3				
5	64QAM	12	13	19.55	19.46	19.50						
5	64QAM	25	0	19.45	19.53	19.43						

Band 14_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel 23330									
Frequency (MHz) 793									
10	QPSK	1	0	22.76			24	0	
10	QPSK	1	25	22.55					
10	QPSK	1	49	22.53					
10	QPSK	25	0	21.70			23	1	
10	QPSK	25	12	21.54					
10	QPSK	25	25	21.52					
10	16QAM	1	0	21.57			23	1	
10	16QAM	1	25	22.05					
10	16QAM	1	49	21.88					
10	16QAM	25	0	20.58			22	2	
10	16QAM	25	12	20.50					
10	16QAM	25	25	20.45					
10	16QAM	50	0	20.54			22	2	
10	64QAM	1	0	20.92					
10	64QAM	1	25	20.63					
10	64QAM	1	49	20.71			22	2	
10	64QAM	25	0	19.70					
10	64QAM	25	12	19.54					
10	64QAM	25	25	19.55			21	3	
10	64QAM	50	0	19.58					
Channel 23305									
Frequency (MHz) 790.5									
5	QPSK	1	0	22.61	22.58	22.65	24	0	
5	QPSK	1	12	22.37	22.45	22.40			
5	QPSK	1	24	22.36	22.38	22.39			
5	QPSK	12	0	21.61	21.60	21.56	23	1	
5	QPSK	12	7	21.38	21.37	21.45			
5	QPSK	12	13	21.35	21.34	21.40			
5	QPSK	25	0	21.41	21.43	21.47	23	1	
5	16QAM	1	0	21.92	21.87	21.95			
5	16QAM	1	12	21.65	21.63	21.59			
5	16QAM	1	24	21.75	21.70	21.80	22	2	
5	16QAM	12	0	20.44	20.47	20.40			
5	16QAM	12	7	20.34	20.34	20.37			
5	16QAM	12	13	20.34	20.30	20.27	22	2	
5	16QAM	25	0	20.44	20.40	20.45			
5	64QAM	1	0	20.81	20.80	20.80			
5	64QAM	1	12	20.64	20.61	20.53	22	2	
5	64QAM	1	24	20.60	20.54	20.53			
5	64QAM	12	0	19.59	19.61	19.61			
5	64QAM	12	7	19.43	19.37	19.46	21	3	
5	64QAM	12	13	19.39	19.38	19.42			
5	64QAM	25	0	19.54	19.46	19.41			

Band 30_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel 27710									
Frequency (MHz) 2310									
10	QPSK	1	0	22.78			24	0	
10	QPSK	1	25	22.59					
10	QPSK	1	49	22.55					
10	QPSK	25	0	21.52			23	1	
10	QPSK	25	12	21.47					
10	QPSK	25	25	21.45					
10	QPSK	50	0	21.43			23	1	
10	16QAM	1	0	21.87					
10	16QAM	1	25	21.84					
10	16QAM	1	49	21.80			23	1	
10	16QAM	25	0	20.50					
10	16QAM	25	12	20.44					
10	16QAM	25	25	20.41			22	2	
10	16QAM	50	0	20.42					
10	64QAM	1	0	20.90					
10	64QAM	1	25	20.73			22	2	
10	64QAM	1	49	20.72					
10	64QAM	25	0	19.43					
10	64QAM	25	12	19.44			21	3	
10	64QAM	25	25	19.40					
10	64QAM	50	0	19.48					
Channel 27685									
Frequency (MHz) 2307.5									
5	QPSK	1	0	22.67	22.66	22.70	24	0	
5	QPSK	1	12	22.50	22.50	22.41			
5	QPSK	1	24	22.38	22.47	22.47			
5	QPSK	12	0	21.35	21.37	21.44	23	1	
5	QPSK	12	7	21.34	21.34	21.36			
5	QPSK	12	13	21.37	21.34	21.28			
5	QPSK	25	0	21.30	21.27	21.33	23	1	
5	16QAM	1	0	21.73	21.77	21.71			
5	16QAM	1	12	21.71	21.69	21.68			
5	16QAM	1	24	21.62	21.72	21.70	22	2	
5	16QAM	12	0	20.32	20.34	20.32			
5	16QAM	12	7	20.31	20.32	20.33			
5	16QAM	12	13	20.33	20.24	20.32	22	2	
5	16QAM	25	0	20.24	20.32	20.24			
5	64QAM	1	0	20.71	20.63	20.72			
5	64QAM	1	12	20.60	20.59	20.59	22	2	
5	64QAM	1	24	20.57	20.61	20.55			
5	64QAM	12	0	19.27	19.30	19.28			
5	64QAM	12	7	19.29	19.26	19.33	21	3	
5	64QAM	12	13	19.29	19.30	19.24			
5	64QAM	25	0	19.37	19.30	19.33			



Reduced Power Mode for receiver on

Band 14_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)				
Channel 23330												
Frequency (MHz) 793												
10	QPSK	1	0	22.84			24	0				
10	QPSK	1	25	22.66								
10	QPSK	1	49	22.61								
10	QPSK	25	0	21.78			23	1				
10	QPSK	25	12	21.59								
10	QPSK	25	25	21.57								
10	QPSK	50	0	21.62			23	1				
10	16QAM	1	0	22.13								
10	16QAM	1	25	22.12								
10	16QAM	1	49	21.90			22	2				
10	16QAM	25	0	20.65								
10	16QAM	25	12	20.57								
10	16QAM	25	25	20.56			22	2				
10	16QAM	50	0	20.62								
10	16QAM	50	0	21.06								
10	64QAM	1	0	20.92			22	2				
10	64QAM	1	25	20.80								
10	64QAM	1	49	20.80								
10	64QAM	25	0	19.70			21	3				
10	64QAM	25	12	19.60								
10	64QAM	25	25	19.63								
10	64QAM	50	0	19.61			21	3				
Channel 23330												
Frequency (MHz) 793												
5	QPSK	1	0	22.68	22.67	22.74	24	0				
5	QPSK	1	12	22.49	22.57	22.58						
5	QPSK	1	24	22.43	22.46	22.43						
5	QPSK	12	0	21.63	21.65	21.60	23	1				
5	QPSK	12	7	21.43	21.51	21.46						
5	QPSK	12	13	21.49	21.47	21.44						
5	QPSK	25	0	21.47	21.46	21.45	23	1				
5	16QAM	1	0	22.00	22.01	22.03						
5	16QAM	1	12	22.03	22.01	21.97						
5	16QAM	1	24	21.76	21.73	21.75	22	2				
5	16QAM	12	0	20.64	20.63	20.67						
5	16QAM	12	7	20.43	20.49	20.41						
5	16QAM	12	13	20.42	20.40	20.43	22	2				
5	16QAM	25	0	20.48	20.49	20.45						
5	64QAM	1	0	20.93	20.91	20.97						
5	64QAM	1	12	20.79	20.81	20.79	22	2				
5	64QAM	1	24	20.63	20.72	20.62						
5	64QAM	12	0	19.54	19.58	19.53						
5	64QAM	12	7	19.50	19.49	19.50	21	3				
5	64QAM	12	13	19.55	19.46	19.50						
5	64QAM	25	0	19.45	19.53	19.43						

Band 14_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel 23330									
Frequency (MHz) 793									
10	QPSK	1	0	22.76			24	0	
10	QPSK	1	25	22.55					
10	QPSK	1	49	22.53					
10	QPSK	25	0	21.70			23	1	
10	QPSK	25	12	21.54					
10	QPSK	25	25	21.52					
10	16QAM	1	0	21.57			23	1	
10	16QAM	1	25	22.05					
10	16QAM	1	49	21.88					
10	16QAM	25	0	20.58			22	2	
10	16QAM	25	12	20.50					
10	16QAM	25	25	20.45					
10	16QAM	50	0	20.54			22	2	
10	64QAM	1	0	20.92					
10	64QAM	1	25	20.63					
10	64QAM	1	49	20.71			22	2	
10	64QAM	25	0	19.70					
10	64QAM	25	12	19.54					
10	64QAM	25	25	19.55			21	3	
10	64QAM	50	0	19.58					
Channel 23305									
Frequency (MHz) 790.5									
5	QPSK	1	0	22.61	22.58	22.65	24	0	
5	QPSK	1	12	22.37	22.45	22.40			
5	QPSK	1	24	22.36	22.38	22.39			
5	QPSK	12	0	21.61	21.60	21.56	23	1	
5	QPSK	12	7	21.38	21.37	21.45			
5	QPSK	12	13	21.35	21.34	21.40			
5	QPSK	25	0	21.41	21.43	21.47	23	1	
5	16QAM	1	0	21.92	21.87	21.95			
5	16QAM	1	12	21.65	21.63	21.59			
5	16QAM	1	24	21.75	21.70	21.80	22	2	
5	16QAM	12	0	20.44	20.47	20.40			
5	16QAM	12	7	20.34	20.34	20.37			
5	16QAM	12	13	20.34	20.30	20.27	22	2	
5	16QAM	25	0	20.44	20.40	20.45			
5	64QAM	1	0	20.81	20.80	20.80			
5	64QAM	1	12	20.64	20.61	20.53	22	2	
5	64QAM	1	24	20.60	20.54	20.53			
5	64QAM	12	0	19.59	19.61	19.61			
5	64QAM	12	7	19.43	19.37	19.46	21	3	
5	64QAM	12	13	19.39	19.38	19.42			
5	64QAM	25	0	19.54	19.46	19.41			

Band 30_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel 27710									
Frequency (MHz) 2310									
10	QPSK	1	0	22.78			24	0	
10	QPSK	1	25	22.59					
10	QPSK	1	49	22.55					
10	QPSK	25	0	21.52			23	1	
10	QPSK	25	12	21.47					
10	QPSK	25	25	21.45					
10	QPSK	50	0	21.43			23	1	
10	16QAM	1	0	21.87					
10	16QAM	1	25	21.84					
10	16QAM	1	49	21.80			22	2	
10	16QAM	25	0	20.50					
10	16QAM	25	12	20.44					
10	16QAM	25	25	20.41			22	2	
10	16QAM	50	0	20.42					
10	64QAM	1	0	20.90					
10	64QAM	1	25	20.73			22	2	
10	64QAM	1	49	20.72					
10	64QAM	25	0	19.43					
10	64QAM	25	12	19.44			21	3	
10	64QAM	25	25	19.40					
10	64QAM	50	0	19.48					
Channel 27685									
Frequency (MHz) 2307.5									
5	QPSK	1	0	22.67	22.66	22.70	24	0	
5	QPSK	1	12	22.50	22.50	22.41			
5	QPSK	1	24	22.38	22.47	22.47			
5	QPSK	12	0	21.35	21.37	21.44	23	1	
5	QPSK	12	7	21.34	21.34	21.36			
5	QPSK	12	13	21.37	21.34	21.28			
5	QPSK	25	0	21.30	21.27	21.33	23	1	
5	16QAM	1	0	21.73	21.77	21.71			
5	16QAM	1	12	21.71	21.69	21.68			
5	16QAM	1	24	21.62	21.72	21.70	22	2	
5	16QAM	12	0	20.32	20.34	20.32			
5	16QAM	12	7	20.31	20.32	20.33			
5	16QAM	12	13	20.33	20.24	20.32	22	2	
5	16QAM	25	0	20.24	20.32	20.24			
5	64QAM	1	0	20.71	20.63	20.72			
5	64QAM	1	12	20.60	20.59	20.59	22	2	
5	64QAM	1	24	20.57	20.61	20.55			
5	64QAM	12	0	19.27	19.30	19.28			
5	64QAM	12	7	19.29	19.26	19.33	21	3	
5	64QAM	12	13	19.29	19.30	19.24			
5	64QAM	25	0	19.37	19.30	19.33			



Reduced Power Mode for Hotspot on

Band 14_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel 23330									
Frequency (MHz) 793									
10	QPSK	1	0	22.84			24	0	
10	QPSK	1	25	22.66					
10	QPSK	1	49	22.61			23	1	
10	QPSK	25	0	21.78					
10	QPSK	25	12	21.59			23	1	
10	QPSK	25	25	21.57					
10	QPSK	50	0	21.62			23	1	
10	16QAM	1	0	22.13					
10	16QAM	1	25	22.12			22	2	
10	16QAM	1	49	21.90					
10	16QAM	25	0	20.65			22	2	
10	16QAM	25	12	20.57					
10	16QAM	25	25	20.56			22	2	
10	16QAM	50	0	20.62					
10	64QAM	1	0	21.06			22	2	
10	64QAM	1	25	20.92					
10	64QAM	1	49	20.80			21	3	
10	64QAM	25	0	19.70					
10	64QAM	25	12	19.60			21	3	
10	64QAM	25	25	19.63					
10	64QAM	50	0	19.61					
Channel 23330									
Frequency (MHz) 790.5 793 795.5									
5	QPSK	1	0	22.68	22.67	22.74	24	0	
5	QPSK	1	12	22.49	22.57	22.58			
5	QPSK	1	24	22.43	22.46	22.43	23	1	
5	QPSK	12	0	21.63	21.65	21.60			
5	QPSK	12	7	21.43	21.51	21.46	23	1	
5	QPSK	12	13	21.49	21.47	21.44			
5	QPSK	25	0	21.47	21.46	21.45	23	1	
5	16QAM	1	0	22.00	22.01	22.03			
5	16QAM	1	12	22.03	22.01	21.97	22	2	
5	16QAM	1	24	21.76	21.73	21.75			
5	16QAM	12	0	20.64	20.63	20.67	22	2	
5	16QAM	12	7	20.43	20.49	20.41			
5	16QAM	12	13	20.42	20.40	20.43	22	2	
5	16QAM	25	0	20.48	20.49	20.45			
5	64QAM	1	0	20.93	20.91	20.97	22	2	
5	64QAM	1	12	20.79	20.81	20.79			
5	64QAM	1	24	20.63	20.72	20.62	21	3	
5	64QAM	12	0	19.54	19.58	19.53			
5	64QAM	12	7	19.50	19.49	19.50	21	3	
5	64QAM	12	13	19.55	19.46	19.50			
5	64QAM	25	0	19.45	19.53	19.43			

Band 14_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel 23330									
Frequency (MHz) 793									
10	QPSK	1	0	22.22			23.5	0	
10	QPSK	1	25	22.04					
10	QPSK	1	49	21.97			23	0.5	
10	QPSK	25	0	21.70					
10	QPSK	25	12	21.54			23	0.5	
10	QPSK	25	25	21.52					
10	QPSK	50	0	21.57			23	0.5	
10	16QAM	1	0	22.05					
10	16QAM	1	25	21.75			22	1.5	
10	16QAM	1	49	21.88					
10	16QAM	25	0	20.58			22	1.5	
10	16QAM	25	12	20.50					
10	16QAM	25	25	20.45			22	1.5	
10	16QAM	50	0	20.54					
10	64QAM	1	0	20.92			22	1.5	
10	64QAM	1	25	20.63					
10	64QAM	1	49	20.71			21	2.5	
10	64QAM	25	0	19.70					
10	64QAM	25	12	19.54			21	2.5	
10	64QAM	25	25	19.55					
10	64QAM	50	0	19.58					
Channel 23305 23330 23355									
Frequency (MHz) 790.5 793 795.5									
5	QPSK	1	0	22.15	22.21	22.04	23.5	0	
5	QPSK	1	12	22.01	21.96	21.93			
5	QPSK	1	24	21.84	21.89	21.75	23	0.5	
5	QPSK	12	0	21.61	21.60	21.56			
5	QPSK	12	7	21.38	21.37	21.45	23	0.5	
5	QPSK	12	13	21.35	21.34	21.40			
5	QPSK	25	0	21.41	21.43	21.47	23	0.5	
5	16QAM	1	0	21.92	21.87	21.95			
5	16QAM	1	12	21.65	21.63	21.59	22	1.5	
5	16QAM	1	24	21.75	21.70	21.80			
5	16QAM	12	0	20.44	20.47	20.40	22	1.5	
5	16QAM	12	7	20.34	20.34	20.37			
5	16QAM	12	13	20.34	20.30	20.27	22	1.5	
5	16QAM	25	0	20.44	20.40	20.45			
5	64QAM	1	0	20.81	20.80	20.80	22	1.5	
5	64QAM	1	12	20.54	20.51	20.53			
5	64QAM	1	24	20.60	20.54	20.53	21	2.5	
5	64QAM	12	0	19.59	19.61	19.61			
5	64QAM	12	7	19.43	19.37	19.46	21	2.5	
5	64QAM	12	13	19.39	19.38	19.42			
5	64QAM	25	0	19.54	19.46	19.41			

Band 30_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel 27710									
Frequency (MHz) 2310									
10	QPSK	1	0	18.33			19.5	0	
10	QPSK	1	25	18.24					
10	QPSK	1	49	18.00			19.5	0	
10	QPSK	25	0	18.26					
10	QPSK	25	12	18.07			19.5	0	
10	QPSK	25	25	17.96					
10	QPSK	50	0	18.29			19.5	0	
10	16QAM	1	0	18.24					
10	16QAM	1	25	17.98			19.5	0	
10	16QAM	1	49	17.95					
10	16QAM	25	0	18.16			19.5	0	
10	16QAM	25	12	18.03					
10	16QAM	25	25	17.95			19.5	0	
10	16QAM	50	0	18.26					
10	64QAM	1	0	18.24			19.5	0	
10	64QAM	1	25	18.01					
10	64QAM	1	49	17.95			19.5	0	
10	64QAM	25	0	18.21					
10	64QAM	25	12	18.15			19.5	0	
10	64QAM	25	25	17.97					
10	64QAM	50	0	17.90					
Channel 27685 27710 27735									
Frequency (MHz) 2307.5 2310 2312.5									
5	QPSK	1	0	18.24	18.24	18.17	19.5	0	
5	QPSK	1	12	17.95	18.05	17.89			
5	QPSK	1	24	17.96	17.92	17.92	19.5	0	
5	QPSK	12	0	18.10	18.20	18.16			
5	QPSK	12	7	17.89	17.99	17.93	19.5	0	
5	QPSK	12	13	17.79	17.87	17.86			
5	QPSK	25	0	18.11	18.28	18.12	19.5	0	
5	16QAM	1	0	18.18	18.19	18.18			
5	16QAM	1	12	17.83	17.94	17.87	19.5	0	
5	16QAM	1	24	17.92	17.86	17.87			
5	16QAM	12	0	18.05	18.09	18.09	19.5	0	
5	16QAM	12	7	17.97	17.98	17.90			
5	16QAM	12	13	17.86	17.94	17.85	19.5	0	
5	16QAM	25	0	18.13	18.21	18.09			
5	64QAM	1	0	18.12	18.14	18.10	19.5	0	
5	64QAM	1	12	17.90	17.99	17.85			
5	64QAM	1	24	17.89	17.91	17.85	19.5	0	
5	64QAM	12	0	18.07	18.16	18.09			
5	64QAM	12	7	17.99	18.05	18.06	19.5	0	
5	64QAM	12	13	17.77	17.95	17.95			
5	64QAM	25	0	17.83	17.81	17.79			



Reduced Power Mode for sensor on

Band 14_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)				
Channel 23330												
Frequency (MHz) 793												
10	QPSK	1	0	22.84			24	0				
10	QPSK	1	25	22.66								
10	QPSK	1	49	22.61								
10	QPSK	25	0	21.78			23	1				
10	QPSK	25	12	21.59								
10	QPSK	25	25	21.57								
10	QPSK	50	0	21.62			23	1				
10	16QAM	1	0	22.13								
10	16QAM	1	25	22.12								
10	16QAM	1	49	21.90			22	2				
10	16QAM	25	0	20.65								
10	16QAM	25	12	20.57								
10	16QAM	25	25	20.56			22	2				
10	16QAM	50	0	20.62								
10	16QAM	50	0	21.06								
10	64QAM	1	0	20.92			22	2				
10	64QAM	1	25	20.92								
10	64QAM	1	49	20.80								
10	64QAM	25	0	19.70			21	3				
10	64QAM	25	12	19.60								
10	64QAM	25	25	19.63								
10	64QAM	50	0	19.61			21	3				
Channel 23330												
Frequency (MHz) 793												
5	QPSK	1	0	22.68	22.67	22.74	24	0				
5	QPSK	1	12	22.49	22.57	22.58						
5	QPSK	1	24	22.43	22.46	22.43						
5	QPSK	12	0	21.63	21.65	21.60	23	1				
5	QPSK	12	7	21.43	21.51	21.46						
5	QPSK	12	13	21.49	21.47	21.44						
5	QPSK	25	0	21.47	21.46	21.45	23	1				
5	16QAM	1	0	22.00	22.01	22.03						
5	16QAM	1	12	22.03	22.01	21.97						
5	16QAM	1	24	21.76	21.73	21.75	22	2				
5	16QAM	12	0	20.64	20.63	20.67						
5	16QAM	12	7	20.43	20.49	20.41						
5	16QAM	12	13	20.42	20.40	20.43	22	2				
5	16QAM	25	0	20.48	20.49	20.45						
5	64QAM	1	0	20.93	20.91	20.97						
5	64QAM	1	12	20.79	20.81	20.79	22	2				
5	64QAM	1	24	20.63	20.72	20.62						
5	64QAM	12	0	19.54	19.58	19.53						
5	64QAM	12	7	19.50	19.49	19.50	21	3				
5	64QAM	12	13	19.55	19.46	19.50						
5	64QAM	25	0	19.45	19.53	19.43						

Band 14_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel 23330									
Frequency (MHz) 793									
10	QPSK	1	0	22.76			24	0	
10	QPSK	1	25	22.55					
10	QPSK	1	49	22.53					
10	QPSK	25	0	21.70			23	1	
10	QPSK	25	12	21.54					
10	QPSK	25	25	21.52					
10	16QAM	1	0	21.57			23	1	
10	16QAM	1	0	22.05					
10	16QAM	1	25	21.75					
10	16QAM	1	49	21.88			22	2	
10	16QAM	25	0	20.58					
10	16QAM	25	12	20.50					
10	16QAM	25	25	20.45			22	2	
10	16QAM	50	0	20.54					
10	64QAM	1	0	20.92					
10	64QAM	1	25	20.63			22	2	
10	64QAM	1	49	20.71					
10	64QAM	25	0	19.70					
10	64QAM	25	12	19.54			21	3	
10	64QAM	25	25	19.55					
10	64QAM	50	0	19.58					
Channel 23305									
Frequency (MHz) 790.5									
5	QPSK	1	0	22.61	22.58	22.65	24	0	
5	QPSK	1	12	22.37	22.45	22.40			
5	QPSK	1	24	22.36	22.38	22.39			
5	QPSK	12	0	21.61	21.60	21.56	23	1	
5	QPSK	12	7	21.38	21.37	21.45			
5	QPSK	12	13	21.35	21.34	21.40			
5	QPSK	25	0	21.41	21.43	21.47	23	1	
5	16QAM	1	0	21.92	21.87	21.95			
5	16QAM	1	12	21.65	21.63	21.59			
5	16QAM	1	24	21.75	21.70	21.80	22	2	
5	16QAM	12	0	20.44	20.47	20.40			
5	16QAM	12	7	20.34	20.34	20.37			
5	16QAM	12	13	20.34	20.30	20.27	22	2	
5	16QAM	25	0	20.44	20.40	20.45			
5	64QAM	1	0	20.81	20.80	20.80			
5	64QAM	1	12	20.64	20.61	20.53	22	2	
5	64QAM	1	24	20.60	20.54	20.53			
5	64QAM	12	0	19.59	19.61	19.61			
5	64QAM	12	7	19.43	19.37	19.46	21	3	
5	64QAM	12	13	19.39	19.38	19.42			
5	64QAM	25	0	19.54	19.46	19.41			

Band 30_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel 27710									
Frequency (MHz) 2310									
10	QPSK	1	0	18.33			19.5	0	
10	QPSK	1	25	18.24					
10	QPSK	1	49	18.00					
10	QPSK	25	0	18.26			19.5	0	
10	QPSK	25	12	18.07					
10	QPSK	25	25	17.96					
10	16QAM	1	0	18.29			19.5	0	
10	16QAM	1	0	18.24					
10	16QAM	1	25	17.98					
10	16QAM	1	49	17.95			19.5	0	
10	16QAM	25	0	18.16					
10	16QAM	25	12	18.03					
10	16QAM	25	25	17.95			19.5	0	
10	16QAM	50	0	18.26					
10	64QAM	1	0	18.24					
10	64QAM	1	25	18.01			19.5	0	
10	64QAM	1	49	17.95					
10	64QAM	25	0	18.21					
10	64QAM	25	12	18.15			19.5	0	
10	64QAM	25	25	17.97					
10	64QAM	50	0	17.90					
Channel 27685									
Frequency (MHz) 2307.5									
5	QPSK	1	0	18.24	18.24	18.17	19.5	0	
5	QPSK	1	12	17.95	18.05	17.89			
5	QPSK	1	24	17.96	17.92	17.92			
5	QPSK	12	0	18.10	18.20	18.16	19.5	0	
5	QPSK	12	7	17.89	17.99	17.93			
5	QPSK	12	13	17.79	17.87	17.86			
5	QPSK	25	0	18.11	18.28	18.12	19.5	0	
5	16QAM	1	0	18.18	18.19	18.18			
5	16QAM	1	12	17.83	17.94	17.87			
5	16QAM	1	24	17.92	17.86	17.87	19.5	0	
5	16QAM	12	0	18.05	18.09	18.09			
5	16QAM	12	7	17.97	17.98	17.90			
5	16QAM	12	13	17.86	17.94	17.85	19.5	0	
5	16QAM	25	0	18.13	18.21	18.09			
5	64QAM	1	0	18.12	18.14	18.10			
5	64QAM	1	12	17.90	17.99	17.85	19.5	0	
5	64QAM	1	24	17.89	17.91	17.85			
5	64QAM	12	0	18.07	18.16	18.09			
5	64QAM	12	7	17.99	18.05	18.06	19.5	0	
5	64QAM	12	13	17.77	17.95	17.95			
5	64QAM	25	0	17.83	17.81	17.79			



Reduced Power Mode for Handheld on

Band 14_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel 23330									
Frequency (MHz) 793									
10	QPSK	1	0	22.84			24	0	
10	QPSK	1	25	22.66					
10	QPSK	1	49	22.61					
10	QPSK	25	0	21.78			23	1	
10	QPSK	25	12	21.59					
10	QPSK	25	25	21.57					
10	QPSK	50	0	21.62			23	1	
10	16QAM	1	0	22.13					
10	16QAM	1	25	22.12					
10	16QAM	1	49	21.90			22	2	
10	16QAM	25	0	20.65					
10	16QAM	25	12	20.57					
10	16QAM	25	25	20.56			22	2	
10	16QAM	50	0	20.62					
10	16QAM	50	0	21.06					
10	64QAM	1	0	20.92			22	2	
10	64QAM	1	25	20.92					
10	64QAM	1	49	20.80					
10	64QAM	25	0	19.70			21	3	
10	64QAM	25	12	19.60					
10	64QAM	25	25	19.63					
10	64QAM	50	0	19.61			21	3	
10	64QAM	50	0	19.61					
10	64QAM	50	0	19.61					
Channel 23330									
Frequency (MHz) 790.5 793 795.5									
5	QPSK	1	0	22.68	22.67	22.74	24	0	
5	QPSK	1	12	22.49	22.57	22.58			
5	QPSK	1	24	22.43	22.46	22.43			
5	QPSK	12	0	21.63	21.65	21.60	23	1	
5	QPSK	12	7	21.43	21.51	21.46			
5	QPSK	12	13	21.49	21.47	21.44			
5	QPSK	25	0	21.47	21.46	21.45	23	1	
5	16QAM	1	0	22.00	22.01	22.03			
5	16QAM	1	12	22.03	22.01	21.97			
5	16QAM	1	24	21.76	21.73	21.75	22	2	
5	16QAM	12	0	20.44	20.43	20.47			
5	16QAM	12	7	20.43	20.49	20.41			
5	16QAM	12	13	20.42	20.40	20.43	22	2	
5	16QAM	25	0	20.48	20.49	20.45			
5	16QAM	25	0	20.93	20.91	20.97			
5	64QAM	1	12	20.79	20.81	20.79	22	2	
5	64QAM	1	24	20.63	20.72	20.62			
5	64QAM	12	0	19.54	19.58	19.53			
5	64QAM	12	7	19.50	19.49	19.50	21	3	
5	64QAM	12	13	19.55	19.46	19.50			
5	64QAM	25	0	19.45	19.53	19.43			

Band 14_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel 23330									
Frequency (MHz) 793									
10	QPSK	1	0	22.76			24	0	
10	QPSK	1	25	22.55					
10	QPSK	1	49	22.53					
10	QPSK	25	0	21.70			23	1	
10	QPSK	25	12	21.54					
10	QPSK	25	25	21.52					
10	QPSK	50	0	21.57			23	1	
10	16QAM	1	0	22.05					
10	16QAM	1	25	21.75					
10	16QAM	1	49	21.88			22	2	
10	16QAM	25	0	20.58					
10	16QAM	25	12	20.50					
10	16QAM	25	25	20.45			22	2	
10	16QAM	50	0	20.54					
10	16QAM	50	0	20.92					
10	64QAM	1	25	20.63			22	2	
10	64QAM	1	49	20.71					
10	64QAM	25	0	19.70					
10	64QAM	25	12	19.54			21	3	
10	64QAM	25	25	19.55					
10	64QAM	50	0	19.58					
Channel 23305 23330 23355									
Frequency (MHz) 790.5 793 795.5									
5	QPSK	1	0	22.61	22.58	22.65	24	0	
5	QPSK	1	12	22.37	22.45	22.40			
5	QPSK	1	24	22.36	22.38	22.39			
5	QPSK	12	0	21.61	21.60	21.56	23	1	
5	QPSK	12	7	21.38	21.37	21.45			
5	QPSK	12	13	21.35	21.34	21.40			
5	QPSK	25	0	21.41	21.43	21.47	23	1	
5	16QAM	1	0	21.92	21.87	21.95			
5	16QAM	1	12	21.65	21.63	21.59			
5	16QAM	1	24	21.75	21.70	21.80	22	2	
5	16QAM	12	0	20.44	20.47	20.40			
5	16QAM	12	7	20.34	20.34	20.37			
5	16QAM	12	13	20.34	20.30	20.27	22	2	
5	16QAM	25	0	20.44	20.40	20.45			
5	16QAM	25	0	20.81	20.80	20.80			
5	64QAM	1	12	20.54	20.51	20.53	22	2	
5	64QAM	1	24	20.60	20.54	20.53			
5	64QAM	12	0	19.59	19.61	19.61			
5	64QAM	12	7	19.43	19.37	19.46	21	3	
5	64QAM	12	13	19.39	19.38	19.42			
5	64QAM	25	0	19.54	19.46	19.41			

Band 30_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel 27710									
Frequency (MHz) 2310									
10	QPSK	1	0	19.31			20.5	0	
10	QPSK	1	25	19.22					
10	QPSK	1	49	19.00					
10	QPSK	25	0	19.28			20.5	0	
10	QPSK	25	12	18.97					
10	QPSK	25	25	18.93					
10	QPSK	50	0	19.21			20.5	0	
10	16QAM	1	0	19.24					
10	16QAM	1	25	18.95					
10	16QAM	1	49	18.92			20.5	0	
10	16QAM	25	0	19.22					
10	16QAM	25	12	18.92					
10	16QAM	25	25	18.89			20.5	0	
10	16QAM	50	0	19.11					
10	16QAM	50	0	19.29					
10	64QAM	1	25	18.95			20.5	0	
10	64QAM	1	49	18.90					
10	64QAM	25	0	19.19					
10	64QAM	25	12	18.88			20.5	0	
10	64QAM	25	25	18.84					
10	64QAM	50	0	19.20					
Channel 27685 27710 27735									
Frequency (MHz) 2307.5 2310 2312.5									
5	QPSK	1	0	19.23	19.26	19.23	20.5	0	
5	QPSK	1	12	18.98	18.97	18.93			
5	QPSK	1	24	18.97	18.95	18.99			
5	QPSK	12	0	19.25	19.19	19.21	20.5	0	
5	QPSK	12	7	18.90	18.88	18.91			
5	QPSK	12	13	18.85	18.86	18.86			
5	QPSK	25	0	19.20	19.13	19.13	20.5	0	
5	16QAM	1	0	19.14	19.20	19.22			
5	16QAM	1	12	18.91	18.85	18.87			
5	16QAM	1	24	18.85	18.83	18.90	20.5	0	
5	16QAM	12	0	19.21	19.13	19.16			
5	16QAM	12	7	18.89	18.85	18.91			
5	16QAM	12	13	18.80	18.88	18.84	20.5	0	
5	16QAM	25	0	19.06	19.07	19.05			
5	16QAM	25	0	19.26	19.20	19.27			
5	64QAM	1	12	18.88	18.89	18.92	20.5	0	
5	64QAM	1	24	18.82	18.88	18.85			
5	64QAM	12	0	19.11	19.18	19.10			
5	64QAM	12	7	18.94	18.86	18.97	20.5	0	
5	64QAM	12	13	18.82	18.80	18.82			
5	64QAM	25	0	19.14	19.14	19.15			

Downlink CA Power

Full Power															
2CC															
Configure	CA Configuration (BCS)	PCC							SCC				Power		
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
Inter-Band	2A-5A	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	22.68	22.85	
	2A-12A	2	20	1880	18900	QPSK	1	0	12	10	737.5	5095	22.61	22.85	
	2A-13A	2	20	1880	18900	QPSK	1	0	13	10	751	5230	22.70	22.85	
	2A-14A	2	5	1907.5	19175	QPSK	1	0	14	10	5330	763	22.69	22.85	
	2A-29A	2	5	1907.5	19175	QPSK	1	0	29	10	722.5	9715	22.71	22.85	
	4A-29A	4	20	1732.5	20175	QPSK	1	0	29	10	722.5	9715	22.73	22.92	
	4A-5A	4	20	1732.5	20175	QPSK	1	0	5	10	881.5	2525	22.73	22.92	
	4A-12A	4	20	1732.5	20175	QPSK	1	0	12	10	737.5	5095	22.73	22.92	
	5A-30A	5	10	836.5	20525	QPSK	1	0	30	10	2355	9820	22.91	23.05	
	5A-66A	5	10	829	20450	QPSK	1	0	66	20	2155	66886	22.89	23.05	
	12A-30A	12	10	707.5	23095	QPSK	1	0	30	10	2355	9820	22.75	23.00	
	12A-66A	12	10	707.5	23095	QPSK	1	0	66	20	2155	66886	22.80	23.00	
	14A-66A	14	10	793	23330	QPSK	1	0	66	20	2155	66886	22.68	22.84	
	14A-30A	14	10	793	23330	QPSK	1	0	30	10	2355	9820	22.66	22.84	
	29A-30A	30	10	2310	27710	QPSK	1	0	29	10	722.5	9715	22.62	22.78	
29A-66A	66	20	1755	132422	QPSK	1	0	29	10	722.5	9715	22.67	22.84		
Inter-Band	Contiguous	4A-4A	4	20	1732.5	20175	QPSK	1	0	4	5	2162.5	2375	22.77	22.92
		5B	5	10	829	20450	QPSK	1	0	5	5	881.2	2522	22.83	23.05
		2C	2	20	1880	18900	QPSK	1	0	2	20	1980	1098	22.62	22.85
		2A-2A	2	20	1880	18900	QPSK	1	0	2	5	1988	1175	22.71	22.85
		66B	66	10	1750.1	132373	QPSK	1	0	66	10	2160	66936	23.01	23.15
		66C	66	20	1745	132322	QPSK	1	0	66	20	2170	67038	23.01	23.15
		66A-66A	66	20	1745	132322	QPSK	1	0	66	5	2197.5	67311	22.96	23.15

