



Band 2 (1900MHz Band)									
Part 2 (No other channel required)									
BW (MHz)	Modulation	RB Size	RB Offset	Carrier Freq. (MHz)	Channel Freq. (MHz)	Power (dBm)	Time-up time (min)	MPR (dB)	
20	QPSK	1	0	22.49	22.49	22.48			
20	QPSK	1	48	22.50	22.50	22.50			
20	QPSK	1	96	22.51	22.50	22.44			
20	QPSK	50	0	22.56	21.98	21.98			
20	QPSK	50	24	22.56	22.11	22.11			
20	QPSK	50	50	22.57	21.92	21.92			
20	QPSK	100	0	22.56	22.08	22.08			
20	QPSK	100	24	22.56	22.08	22.08			
20	QPSK	100	48	21.97	22.12	22.12			
20	QPSK	100	72	21.97	22.12	22.12			
20	QPSK	50	24	21.96	21.98	21.93			
20	QPSK	50	50	21.96	21.98	21.98			
20	QPSK	50	72	21.96	21.98	21.98			
20	QPSK	100	0	21.96	21.92	21.92			
Channel									
Frequency (MHz)	1897.5	1899	1902						
15	QPSK	1	0	22.48	22.28	22.43			
15	QPSK	1	37	22.50	22.54	22.44			
15	QPSK	1	74	22.50	22.12	22.12			
15	QPSK	36	0	22.03	21.78	21.86			
15	QPSK	36	36	21.99	21.92	22.06			
15	QPSK	36	72	21.92	22.11	22.11			
15	QPSK	75	0	21.82	22.12	22.11			
15	QPSK	1	0	21.81	21.82	21.86			
15	QPSK	1	36	21.82	22.02	22.02			
15	QPSK	1	74	21.75	21.80	21.84			
15	QPSK	1	108	21.76	21.82	21.82			
15	QPSK	36	36	21.80	21.82	21.82			
15	QPSK	36	72	21.86	22.02	22.11			
15	QPSK	75	0	21.82	22.02	22.23			
15	QPSK	1	0	21.78	21.80	21.82			
15	QPSK	1	36	21.79	21.82	21.82			
15	QPSK	1	74	21.73	21.80	21.84			
15	QPSK	1	108	21.74	21.82	21.82			
15	QPSK	36	36	21.76	21.82	21.82			
15	QPSK	36	72	21.82	22.02	22.11			
15	QPSK	75	0	21.76	21.82	22.23			
15	QPSK	1	0	21.72	21.74	21.74			
15	QPSK	1	36	21.73	21.80	21.84			
15	QPSK	1	74	21.68	21.74	21.78			
15	QPSK	1	108	21.69	21.76	21.80			
15	QPSK	36	36	21.70	21.76	21.80			
15	QPSK	36	72	21.76	21.92	22.02			
15	QPSK	75	0	21.70	21.76	22.23			
15	QPSK	1	0	21.66	21.68	21.70			
15	QPSK	1	36	21.67	21.74	21.78			
15	QPSK	1	74	21.62	21.68	21.72			
15	QPSK	1	108	21.63	21.70	21.74			
15	QPSK	36	36	21.64	21.70	21.74			
15	QPSK	36	72	21.70	21.86	21.96			
15	QPSK	75	0	21.64	21.70	22.23			
Channel									
Frequency (MHz)	1862.0	1863	1866						
10	QPSK	1	0	22.53	22.50	22.23			
10	QPSK	1	24	22.53	22.53	22.29			
10	QPSK	1	48	22.50	22.26	22.32			
10	QPSK	1	74	22.50	22.12	22.12			
10	QPSK	25	12	22.01	22.01	22.08			
10	QPSK	25	24	22.03	21.74	21.71			
10	QPSK	25	36	22.02	22.02	22.08			
10	QPSK	1	0	21.91	21.90	21.87			
10	QPSK	1	24	21.90	21.86	22.15			
10	QPSK	1	48	21.88	21.88	22.09			
10	QPSK	1	74	21.83	21.80	21.86			
10	QPSK	1	108	21.84	21.84	21.84			
10	QPSK	25	12	21.78	21.74	21.79			
10	QPSK	25	24	21.75	21.68	21.74			
10	QPSK	25	36	21.67	21.68	21.78			
10	QPSK	1	0	21.70	21.72	21.70			
10	QPSK	1	24	21.71	21.70	21.70			
10	QPSK	1	48	21.65	21.60	21.65			
10	QPSK	1	74	21.66	21.65	21.65			
10	QPSK	1	108	21.61	21.60	21.60			
10	QPSK	25	12	21.60	21.58	21.58			
10	QPSK	25	24	21.62	21.54	21.54			
10	QPSK	25	36	21.58	21.54	21.54			
10	QPSK	1	0	21.56	21.54	21.54			
10	QPSK	1	24	21.57	21.56	21.56			
10	QPSK	1	48	21.51	21.50	21.50			
10	QPSK	1	74	21.52	21.51	21.51			
10	QPSK	1	108	21.47	21.46	21.46			
10	QPSK	25	12	21.46	21.44	21.44			
10	QPSK	25	24	21.48	21.40	21.40			
10	QPSK	25	36	21.44	21.40	21.40			
10	QPSK	1	0	21.42	21.40	21.40			
10	QPSK	1	24	21.43	21.42	21.42			
10	QPSK	1	48	21.37	21.36	21.36			
10	QPSK	1	74	21.38	21.37	21.37			
10	QPSK	1	108	21.33	21.32	21.32			
10	QPSK	25	12	21.32	21.30	21.30			
10	QPSK	25	24	21.34	21.26	21.26			
10	QPSK	25	36	21.30	21.26	21.26			
10	QPSK	1	0	21.28	21.26	21.26			
10	QPSK	1	24	21.29	21.28	21.28			
10	QPSK	1	48	21.23	21.22	21.22			
10	QPSK	1	74	21.24	21.23	21.23			
10	QPSK	1	108	21.19	21.18	21.18			
10	QPSK	25	12	21.18	21.16	21.16			
10	QPSK	25	24	21.20	21.12	21.12			
10	QPSK	25	36	21.16	21.12	21.12			
10	QPSK	1	0	21.14	21.12	21.12			
10	QPSK	1	24	21.15	21.14	21.14			
10	QPSK	1	48	21.09	21.08	21.08			
10	QPSK	1	74	21.10	21.09	21.09			
10	QPSK	1	108	21.05	21.04	21.04			
10	QPSK	25	12	21.04	21.02	21.02			
10	QPSK	25	24	21.06	20.98	20.98			
10	QPSK	25	36	21.02	20.98	20.98			
10	QPSK	1	0	20.96	20.94	20.94			
10	QPSK	1	24	20.97	20.96	20.96			
10	QPSK	1	48	20.91	20.90	20.90			
10	QPSK	1	74	20.92	20.91	20.91			
10	QPSK	1	108	20.87	20.86	20.86			
10	QPSK	25	12	20.86	20.84	20.84			
10	QPSK	25	24	20.88	20.80	20.80			
10	QPSK	25	36	20.84	20.80	20.80			
10	QPSK	1	0	20.82	20.80	20.80			
10	QPSK	1	24	20.83	20.82	20.82			
10	QPSK	1	48	20.77	20.76	20.76			
10	QPSK	1	74	20.78	20.77	20.77			
10	QPSK	1	108	20.73	20.72	20.72			
10	QPSK	25	12	20.72	20.70	20.70			
10	QPSK	25	24	20.74	20.66	20.66			
10	QPSK	25	36	20.70	20.66	20.66			
10	QPSK	1	0	20.64	20.62	20.62			
10	QPSK	1	24	20.65	20.64	20.64			
10	QPSK	1	48	20.59	20.58	20.58			
10	QPSK	1	74	20.60	20.59	20.59			
10	QPSK	1	108	20.55	20.54	20.54			
10	QPSK	25	12	20.54	20.52	20.52			
10	QPSK	25	24	20.56	20.48	20.48			
10	QPSK	25	36	20.52	20.48	20.48			
10	QPSK	1	0	20.46	20.44	20.44			
10	QPSK	1	24	20.47	20.46	20.46			
10	QPSK	1	48	20.41	20.40	20.40			
10	QPSK	1	74	20.42	20.41	20.41			
10	QPSK	1	108	20.37	20.36	20.36			
10	QPSK	25	12	20.36	20.34	20.34			
10	QPSK	25	24	20.38	20.30	20.30			
10	QPSK	25	36	20.34	20.30	20.30			
10	QPSK	1	0	20.28	20.26	20.26			



Band 12 (700MHz Low Band) Part 27 (only on channel required)										
RF (MHz)	Modulation	RB Size	RB Offset	Power Ch./Freq.	Power Ch./Freq.	Power Ch./Freq.	Turn-up Int. (min)	MPR (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.72	23.66	23.86	24.3	0		
10	QPSK	1	60	23.72	23.72	23.71				
10	QPSK	25	0	22.38	22.34	22.28				
10	QPSK	25	12	22.38	22.38	22.34				
10	QPSK	25	24	22.37	22.35	22.28	23.3	1		
10	QPSK	50	0	22.41	22.29	22.33				
10	TDMA	1	60	22.51	22.67	22.66	23.3	1		
10	TDMA	1	48	22.68	22.66	22.69				
10	TDMA	25	12	21.63	21.66	21.84	23.3	2		
10	TDMA	25	24	21.64	21.69	21.63				
10	TDMA	50	0	21.64	21.67	21.62				
10	TDMA	1	0	21.77	21.71	21.77				
10	TDMA	1	24	21.72	21.66	21.79	23.3	2		
10	TDMA	1	48	21.79	21.79	21.83				
10	TDMA	25	0	20.67	20.57	20.58				
10	TDMA	25	12	20.59	20.64	20.62	21.3	3		
10	TDMA	25	24	20.65	20.59	20.58				
10	TDMA	50	0	20.65	20.64	20.59				
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.65	23.62	23.64	24.3	0		
5	QPSK	1	12	23.68	23.69	23.70				
5	QPSK	1	24	23.65	23.63	23.70				
5	QPSK	12	0	22.37	22.35	22.38				
5	QPSK	12	7	22.38	22.37	22.33	23.3	1		
5	QPSK	25	0	22.25	22.21	22.29				
5	QPSK	25	6	22.40	22.37	22.30				
5	TDMA	1	6	22.38	22.61	22.57	23.3	1		
5	TDMA	1	24	22.67	22.68	22.71				
5	TDMA	12	0	21.66	21.65	21.66				
5	TDMA	12	13	21.64	21.67	21.52	23.3	2		
5	TDMA	25	0	21.71	21.63	21.61				
5	TDMA	25	12	21.61	21.67	21.70				
5	TDMA	50	0	21.65	21.66	21.63				
5	TDMA	1	24	21.82	21.81	21.83	23.3	2		
5	TDMA	1	12	21.82	21.81	21.83				
5	TDMA	12	0	20.65	20.65	20.64	21.3	3		
5	TDMA	12	13	20.66	20.64	20.62				
5	TDMA	25	0	20.63	20.64	20.56				
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.44	23.47	23.42	24.3	0		
3	QPSK	1	6	23.62	23.63	23.63				
3	QPSK	1	14	23.65	23.66	23.65				
3	QPSK	8	4	22.28	22.34	22.39	23.3	1		
3	QPSK	8	7	22.27	22.31	22.32				
3	TDMA	1	6	22.61	22.64	22.55	23.3	1		
3	TDMA	1	6	22.60	22.63	22.60				
3	TDMA	8	4	22.58	22.58	22.59				
3	TDMA	8	4	21.69	21.71	21.71	23.3	2		
3	TDMA	15	0	21.65	21.67	21.61				
3	TDMA	1	0	21.72	21.62	21.79	23.3	2		
3	TDMA	1	6	21.73	21.60	21.81				
3	TDMA	1	14	21.77	21.77	21.79				
3	TDMA	8	0	20.62	20.65	20.67	21.3	3		
3	TDMA	8	7	20.63	20.65	20.63				
3	TDMA	15	0	20.59	20.60	20.59				
3	TDMA	15	0	20.57	20.59	20.52				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	23.84	23.63	23.64	24.3	0		
1.4	QPSK	1	0	23.87	23.67	23.63				
1.4	QPSK	1	6	23.65	23.65	23.67				
1.4	QPSK	3	0	23.63	23.66	23.60				
1.4	QPSK	3	1	23.63	23.67	23.66				
1.4	QPSK	3	3	23.66	23.64	23.66				
1.4	QPSK	3	0	22.31	22.33	22.31	23.3	1		
1.4	TDMA	1	0	22.62	22.63	22.61				
1.4	TDMA	1	0	22.59	22.64	22.62	23.3	1		
1.4	TDMA	3	1	22.33	22.33	22.30				
1.4	TDMA	3	1	22.33	22.33	22.33				
1.4	TDMA	3	0	21.71	21.75	21.70	23.3	2		
1.4	TDMA	1	0	21.78	21.79	21.79				
1.4	TDMA	1	0	21.79	21.81	21.76				
1.4	TDMA	3	0	21.75	21.78	21.71	23.3	2		
1.4	TDMA	3	1	21.73	21.79	21.76				
1.4	TDMA	3	0	21.72	21.67	21.74				
1.4	TDMA	6	0	20.65	20.67	20.58	21.3	3		

Band 17 (700MHz Band) Part 27 (only on channel required)										
RF (MHz)	Modulation	RB Size	RB Offset	Power Ch./Freq.	Power Ch./Freq.	Power Ch./Freq.	Turn-up Int. (min)	MPR (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.70	23.62	23.58	24.3	0		
10	QPSK	1	24	23.70	23.73	23.68				
10	QPSK	1	48	23.70	23.70	23.67				
10	QPSK	25	0	22.26	22.26	22.23				
10	QPSK	25	12	22.23	22.23	22.24				
10	QPSK	25	24	22.22	22.20	22.25	23.3	1		
10	QPSK	50	0	22.32	22.25	22.31				
10	TDMA	1	24	22.53	22.43	22.43	23.3	1		
10	TDMA	1	24	22.61	22.60	22.60				
10	TDMA	1	48	22.62	22.63	22.56				
10	TDMA	25	12	21.60	21.63	21.58	23.3	2		
10	TDMA	25	24	21.63	21.62	21.58				
10	TDMA	50	0	21.60	21.58	21.55				
10	TDMA	1	0	21.61	21.71	21.62				
10	TDMA	1	24	21.74	21.66	21.70	23.3	2		
10	TDMA	1	48	21.82	21.75	21.81				
10	TDMA	25	0	20.55	20.52	20.51				
10	TDMA	25	12	20.53	20.51	20.50	21.3	3		
10	TDMA	25	24	20.51	20.51	20.55				
10	TDMA	50	0	20.50	20.57	20.57				
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.62	23.63	23.56	24.3	0		
5	QPSK	1	12	23.59	23.63	23.63				
5	QPSK	1	24	23.66	23.62	23.65				
5	QPSK	12	0	22.31	22.28	22.28				
5	QPSK	12	7	22.25	22.24	22.28	23.3	1		
5	QPSK	12	13	22.24	22.21	22.21				
5	QPSK	25	0	22.27	22.28	22.28				
5	TDMA	1	6	22.61	22.62	22.54	23.3	1		
5	TDMA	1	12	22.64	22.65	22.56				
5	TDMA	1	24	22.64	22.66	22.60				
5	TDMA	12	0	21.58	21.62	21.58				
5	TDMA	12	13	21.61	21.56	21.56	23.3	2		
5	TDMA	25	0	21.58	21.56	21.59				
5	TDMA	25	12	21.74	21.77	21.68				
5	TDMA	1	12	21.73	21.78	21.75	23.3	2		
5	TDMA	1	24	21.79	21.79	21.80				
5	TDMA	12	0	20.58	20.53	20.59	21.3	3		
5	TDMA	12	7	20.55	20.54	20.59				
5	TDMA	12	13	20.56	20.56	20.51				
5	TDMA	25	0	20.54	20.53	20.53				

Band 26 for FCC (only on channel required)										
RF (MHz)	Modulation	RB Size	RB Offset	Power Ch./Freq.	Power Ch./Freq.	Power Ch./Freq.	Turn-up Int. (min)	MPR (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.33	23.32	23.36	24.3	0		
15	QPSK	1	36	23.48	23.48	23.41				
15	QPSK	1	74	23.30	23.36	23.35				
15	QPSK	36	0	22.09	22.19	22.12				
15	QPSK	36	24	22.16	22.12	22.13	23.3	1		
15	QPSK	36	36	22.05	22.12	22.08				
15	QPSK	75	0	22.14	22.15	22.14				
15	TDMA	1	36	22.26	22.28	22.26	23.3	1		
15	TDMA	1	74	22.25	22.28	22.26				
15	TDMA	36	0	21.41	21.32	21.40	23.3	2		
15	TDMA	36	24	21.40	21.39	21.38				
15	TDMA	75	0	21.41	21.32	21.40				
15	TDMA	1	0	21.48	21.42	21.43				
15	TDMA	1	36	21.57	21.59	21.60	23.3	2		



Band 38(only on channel required)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.23	23.23	23.30	24.3	0	
20	QPSK	1	49	23.49	23.44	23.46			
20	QPSK	1	99	23.39	23.34	23.40			
20	QPSK	50	0	22.07	22.05	22.11	23.3	1	
20	QPSK	50	24	22.17	22.10	22.16			
20	QPSK	50	50	22.11	22.08	22.10			
20	QPSK	100	0	22.10	22.07	22.09	23.3	1	
20	16QAM	1	0	22.16	22.10	22.22			
20	16QAM	1	49	22.37	22.44	22.45			
20	16QAM	1	99	22.25	22.27	22.35	22.3	2	
20	16QAM	50	0	21.45	21.49	21.50			
20	16QAM	50	24	21.46	21.49	21.52			
20	16QAM	50	50	21.48	21.51	21.52	22.3	2	
20	16QAM	100	0	21.45	21.44	21.50			
20	64QAM	1	0	21.25	21.34	21.40			
20	64QAM	1	49	21.47	21.53	21.58	22.3	2	
20	64QAM	1	99	21.41	21.45	21.52			
20	64QAM	50	0	20.33	20.38	20.48			
20	64QAM	50	24	20.45	20.49	20.45	21.3	3	
20	64QAM	50	50	20.46	20.45	20.49			
20	64QAM	100	0	20.37	20.39	20.45			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	23.22	23.24	23.32	24.3	0	
15	QPSK	1	37	23.34	23.44	23.47			
15	QPSK	1	74	23.40	23.37	23.41			
15	QPSK	36	0	22.09	22.07	22.18	23.3	1	
15	QPSK	36	20	22.12	22.16	22.23			
15	QPSK	36	39	22.13	22.10	22.21			
15	QPSK	75	0	22.15	22.17	22.24	23.3	1	
15	16QAM	1	0	22.19	22.18	22.20			
15	16QAM	1	37	22.32	22.35	22.35			
15	16QAM	1	74	22.33	22.28	22.35	22.3	2	
15	16QAM	36	0	21.38	21.41	21.47			
15	16QAM	36	20	21.40	21.42	21.49			
15	16QAM	36	39	21.44	21.47	21.44	22.3	2	
15	16QAM	75	0	21.40	21.47	21.54			
15	64QAM	1	0	21.36	21.32	21.49			
15	64QAM	1	37	21.45	21.53	21.52	22.3	2	
15	64QAM	1	74	21.54	21.57	21.55			
15	64QAM	36	0	20.37	20.46	20.57			
15	64QAM	36	20	20.45	20.47	20.50	21.3	3	
15	64QAM	36	39	20.39	20.49	20.45			
15	64QAM	75	0	20.39	20.42	20.41			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	23.31	23.42	23.35	24.3	0	
10	QPSK	1	25	23.38	23.48	23.43			
10	QPSK	1	49	23.45	23.44	23.49			
10	QPSK	25	0	22.03	22.19	22.18	23.3	1	
10	QPSK	25	12	22.17	22.19	22.24			
10	QPSK	25	25	22.14	22.09	22.24			
10	QPSK	50	0	22.12	22.12	22.17	23.3	1	
10	16QAM	1	0	22.20	22.27	22.28			
10	16QAM	1	25	22.33	22.35	22.41			
10	16QAM	1	49	22.29	22.39	22.40	22.3	2	
10	16QAM	25	0	21.44	21.55	21.55			
10	16QAM	25	12	21.44	21.52	21.59			
10	16QAM	25	25	21.49	21.52	21.60	22.3	2	
10	16QAM	50	0	21.46	21.45	21.59			
10	64QAM	1	0	21.39	21.46	21.47			
10	64QAM	1	25	21.45	21.47	21.60	21.3	3	
10	64QAM	1	49	21.47	21.53	21.56			
10	64QAM	25	0	20.48	20.53	20.53			
10	64QAM	25	12	20.51	20.51	20.66	21.3	3	
10	64QAM	25	25	20.54	20.46	20.63			
10	64QAM	50	0	20.40	20.47	20.54			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	23.31	23.40	23.48	24.3	0	
5	QPSK	1	12	23.34	23.39	23.47			
5	QPSK	1	24	23.40	23.46	23.47			
5	QPSK	12	0	22.11	22.21	22.26	23.3	1	
5	QPSK	12	7	22.12	22.20	22.22			
5	QPSK	12	13	22.11	22.15	22.27			
5	QPSK	25	0	22.19	22.16	22.25	23.3	1	
5	16QAM	1	0	22.26	22.32	22.36			
5	16QAM	1	12	22.29	22.39	22.36			
5	16QAM	1	24	22.24	22.37	22.39	22.3	2	
5	16QAM	12	0	21.38	21.47	21.54			
5	16QAM	12	7	21.37	21.46	21.62			
5	16QAM	12	13	21.42	21.45	21.56	22.3	2	
5	16QAM	25	0	21.43	21.57	21.59			
5	64QAM	1	0	21.44	21.52	21.56			
5	64QAM	1	12	21.46	21.53	21.59	22.3	2	
5	64QAM	1	24	21.49	21.52	21.58			
5	64QAM	12	0	20.38	20.53	20.50			
5	64QAM	12	7	20.41	20.48	20.50	21.3	3	
5	64QAM	12	13	20.46	20.45	20.50			
5	64QAM	25	0	20.47	20.50	20.61			

Band 41 (2.6G Band)										
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	23.40	23.34	23.47	23.49	23.52	24.3	0
20	QPSK	1	49	23.58	23.56	23.67	23.65	23.65		
20	QPSK	1	99	23.45	23.41	23.60	23.60	23.51		
20	QPSK	50	0	22.12	22.04	22.23	22.25	22.25	23.3	1
20	QPSK	50	24	22.21	22.19	22.31	22.29	22.27		
20	QPSK	50	50	22.13	22.15	22.27	22.30	22.26		
20	QPSK	100	0	22.11	22.12	22.28	22.27	22.25	23.3	1
20	16QAM	1	0	22.04	22.10	22.19	22.01	22.04		
20	16QAM	1	49	22.09	22.26	22.30	22.13	22.12		
20	16QAM	1	99	22.19	22.10	22.12	22.06	22.00	22.3	2
20	16QAM	50	0	21.26	21.43	21.68	21.39	21.38		
20	16QAM	50	24	21.38	21.46	21.69	21.44	21.41		
20	16QAM	50	50	21.37	21.51	21.56	21.44	21.36	22.3	2
20	16QAM	100	0	21.29	21.46	21.53	21.41	21.37		
20	64QAM	1	0	21.01	21.09	21.19	21.03	21.00		
20	64QAM	1	49	21.08	21.25	21.28	21.12	21.15	22.3	2
20	64QAM	1	99	21.00	21.09	21.14	21.08	21.04		
20	64QAM	50	0	20.21	20.37	20.52	20.33	20.33		
20	64QAM	50	24	20.34	20.41	20.52	20.43	20.36	21.3	3
20	64QAM	50	50	20.33	20.45	20.51	20.39	20.31		
20	64QAM	100	0	20.26	20.42	20.52	20.38	20.31		
Channel				39725	40173	40620	41088	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.35	23.56	23.51	23.54	23.56	24.3	0
15	QPSK	1	37	23.47	23.57	23.57	23.55	23.55		
15	QPSK	1	74	23.41	23.59	23.52	23.54	23.51		
15	QPSK	36	0	22.15	22.35	22.27	22.36	22.48	23.3	1
15	QPSK	36	20	22.16	22.39	22.28	22.41	22.49		
15	QPSK	36	39	22.14	22.44	22.32	22.42	22.47		
15	QPSK	75	0	22.17	22.43	22.35	22.42	22.51	23.3	1
15	16QAM	1	0	22.13	22.42	22.31	22.37	22.47		
15	16QAM	1	37	22.22	22.50	22.37	22.44	22.53		
15	16QAM	1	74	22.24	22.44	22.33	22.43	22.44	22.3	2
15	16QAM	36	0	21.43	21.84	21.68	21.63	21.75		
15	16QAM	36	20	21.45	21.88	21.69	21.67	21.76		
15	16QAM	36	39	21.47	21.89	21.69	21.73	21.77	22.3	2
15	16QAM	75	0	21.48	21.75	21.66	21.70	21.84		
15	64QAM	1	0	21.17	21.42	21.33	21.40	21.52		
15	64QAM	1	37	21.30	21.52	21.43	21.47	21.56	22.3	2
15	64QAM	1	74	21.27	21.45	21.37	21.45	21.45		
15	64QAM	36	0	20.43	20.63	20.61	20.65	20.77		
15	64QAM	36	20	20.47	20.70	20.66	20.69	20.76	21.3	3
15	64QAM	36	39	20.43	20.68					

SA Full Power - n7(UAT/LAT)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	Pl1/2 BPSK	1	1	22.68	22.75	22.61		
20	Pl1/2 BPSK	1	53	22.82	22.88	22.77	24.0	0.0
20	Pl1/2 BPSK	1	104	22.78	22.69	22.60		
20	Pl1/2 BPSK	50	0	22.31	22.25	22.33		
20	Pl1/2 BPSK	50	28	22.84	22.86	22.81	24.0	0.0
20	Pl1/2 BPSK	50	56	22.37	22.21	22.21		
20	Pl1/2 BPSK	100	0	22.27	22.34	22.31	23.5	0.5
20	QPSK	1	1	22.68	22.77	22.53		
20	QPSK	1	53	22.85	22.84	22.76	24.0	0.0
20	QPSK	1	104	22.72	22.60	22.59		
20	QPSK	50	0	21.73	21.71	21.78		
20	QPSK	50	28	22.81	22.82	22.84	24.0	0.0
20	QPSK	50	56	21.80	21.73	21.74		
20	QPSK	100	0	21.77	21.76	21.76	23.0	1.0
20	16QAM	1	1	21.42	21.52	21.32	23.0	1.0
20	64QAM	1	1	20.08	20.02	19.97	21.0	3.0
20	256QAM	1	1	18.73	18.83	18.72	20.0	4.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.68	22.72	22.62	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.56	22.63	22.48	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.81	22.80	22.73	24.0	0.0

Reduced Power Level 1 for Head -UAT								
n7(Ant 3)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560	Tune-up limit (dBm)	MPR (dB)
20	PI/2 BPSK	1	1	15.55	15.67	15.53	17.0	0.0
20	PI/2 BPSK	1	53	15.69	15.81	15.67		
20	PI/2 BPSK	1	104	15.61	15.56	15.52		
20	PI/2 BPSK	50	0	15.64	15.67	15.61	17.0	0.0
20	PI/2 BPSK	50	28	15.67	15.79	15.65		
20	PI/2 BPSK	50	56	15.57	15.63	15.55		
20	PI/2 BPSK	100	0	15.64	15.78	15.62	17.0	0.0
20	QPSK	1	1	15.60	15.65	15.59	17.0	0.0
20	QPSK	1	53	15.71	15.78	15.68		
20	QPSK	1	104	15.54	15.57	15.50		
20	QPSK	50	0	15.64	15.66	15.62	17.0	0.0
20	QPSK	50	28	15.71	15.74	15.68		
20	QPSK	50	56	15.58	15.63	15.58		
20	QPSK	100	0	15.65	15.69	15.59	17.0	0.0
20	16QAM	1	1	15.34	15.45	15.33	17.0	0.0
20	64QAM	1	1	15.39	15.51	15.37	17.0	0.0
20	256QAM	1	1	15.78	15.80	15.76	17.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	15.51	15.62	15.49	17.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	15.45	15.51	15.43	17.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	15.64	15.70	15.61	17.0	0.0

Reduced Power Level 2 for Head -UAT								
n7(Ant 3)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	13.62	13.69	13.66	15.0	0.0
20	PI/2 BPSK	1	53	13.74	13.86	13.73		
20	PI/2 BPSK	1	104	13.59	13.66	13.58		
20	PI/2 BPSK	50	0	13.62	13.65	13.59	15.0	0.0
20	PI/2 BPSK	50	28	13.72	13.84	13.70		
20	PI/2 BPSK	50	56	13.56	13.63	13.61		
20	PI/2 BPSK	100	0	13.69	13.82	13.68	15.0	0.0
20	QPSK	1	1	13.48	13.53	13.46	15.0	0.0
20	QPSK	1	53	13.63	13.62	13.60		
20	QPSK	1	104	13.50	13.51	13.49		
20	QPSK	50	0	13.54	13.58	13.51	15.0	0.0
20	QPSK	50	28	13.58	13.60	13.54		
20	QPSK	50	56	13.56	13.58	13.50		
20	QPSK	100	0	13.57	13.59	13.54	15.0	0.0
20	16QAM	1	1	13.29	13.30	13.25	15.0	0.0
20	64QAM	1	1	13.34	13.36	13.31	15.0	0.0
20	256QAM	1	1	13.79	13.82	13.77	15.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	13.48	13.57	13.45	15.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	13.40	13.45	13.39	15.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	13.56	13.62	13.57	15.0	0.0



Power Level for Hotspot -JAT n7(Ant 3)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.10	18.18	18.08	19.5	0.0
20	PI/2 BPSK	1	53	18.26	18.39	18.18		
20	PI/2 BPSK	1	104	17.99	18.02	17.93		
20	PI/2 BPSK	50	0	18.03	18.07	18.00	19.5	0.0
20	PI/2 BPSK	50	28	18.23	18.36	18.15		
20	PI/2 BPSK	50	56	17.94	18.01	17.99		
20	PI/2 BPSK	100	0	18.20	18.32	18.12	19.5	0.0
20	QPSK	1	1	18.00	18.03	17.98	19.5	0.0
20	QPSK	1	53	18.04	18.11	18.02		
20	QPSK	1	104	17.95	17.97	17.92		
20	QPSK	50	0	18.06	18.08	18.03	19.5	0.0
20	QPSK	50	28	18.04	18.12	18.00		
20	QPSK	50	56	18.10	18.04	18.07		
20	QPSK	100	0	18.07	18.07	18.10	19.5	0.0
20	16QAM	1	1	17.70	17.84	17.72	19.5	0.0
20	64QAM	1	1	17.84	17.93	17.82	19.5	0.0
20	256QAM	1	1	18.14	18.16	18.09	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.02	18.05	18.00	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.93	18.02	17.91	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.10	18.17	18.13	19.5	0.0



**Power Level for Body-worn -UAT
n7(Ant 3)**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.06	20.17	20.05	21.5	0.0
20	PI/2 BPSK	1	53	20.16	20.30	20.12		
20	PI/2 BPSK	1	104	20.10	20.05	20.01		
20	PI/2 BPSK	50	0	20.11	20.13	20.06	21.5	0.0
20	PI/2 BPSK	50	28	20.14	20.25	20.10		
20	PI/2 BPSK	50	56	20.19	20.12	20.06		
20	PI/2 BPSK	100	0	20.12	20.23	20.09	21.5	0.0
20	QPSK	1	1	20.00	20.08	19.98	21.5	0.0
20	QPSK	1	53	20.15	20.19	20.08		
20	QPSK	1	104	20.12	20.07	20.02		
20	QPSK	50	0	20.11	20.20	20.20	21.5	0.0
20	QPSK	50	28	20.20	20.22	20.21		
20	QPSK	50	56	20.19	20.12	20.16		
20	QPSK	100	0	20.14	20.17	20.21	21.5	0.0
20	16QAM	1	1	19.81	19.92	19.78	21.5	0.0
20	64QAM	1	1	19.89	19.98	19.84	21.5	0.0
20	256QAM	1	1	18.62	18.70	18.60	20.5	1.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.10	20.14	20.08	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.95	20.05	19.91	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.11	20.20	20.15	21.5	0.0



Reduced Power Level 1 for Head -LAT n7(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				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.68	22.75	22.61	24.0	0.0
20	PI/2 BPSK	1	53	22.82	22.88	22.77		
20	PI/2 BPSK	1	104	22.78	22.69	22.60		
20	PI/2 BPSK	50	0	22.31	22.25	22.33	24.0	0.0
20	PI/2 BPSK	50	28	22.84	22.86	22.81		
20	PI/2 BPSK	50	56	22.37	22.21	22.21		
20	PI/2 BPSK	100	0	22.27	22.34	22.31	23.5	0.5
20	QPSK	1	1	22.68	22.77	22.53	24.0	0.0
20	QPSK	1	53	22.85	22.84	22.76		
20	QPSK	1	104	22.72	22.60	22.59		
20	QPSK	50	0	21.73	21.71	21.78	24.0	0.0
20	QPSK	50	28	22.81	22.82	22.84		
20	QPSK	50	56	21.80	21.73	21.74		
20	QPSK	100	0	21.77	21.76	21.76	23.0	1.0
20	16QAM	1	1	21.42	21.52	21.32	23.0	1.0
20	64QAM	1	1	20.08	20.02	19.97	21.0	3.0
20	256QAM	1	1	18.73	18.83	18.72	20.0	4.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.68	22.72	22.62	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.56	22.63	22.48	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.81	22.80	22.73	24.0	0.0



Reduced Power Level 2 for Head -LAT n7(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				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.63	21.68	21.61	23.0	0.0
20	PI/2 BPSK	1	53	21.81	21.88	21.76		
20	PI/2 BPSK	1	104	21.77	21.69	21.65		
20	PI/2 BPSK	50	0	21.75	21.77	21.72	23.0	0.0
20	PI/2 BPSK	50	28	21.78	21.86	21.74		
20	PI/2 BPSK	50	56	21.66	21.68	21.62		
20	PI/2 BPSK	100	0	21.75	21.83	21.71	23.0	0.0
20	QPSK	1	1	21.73	21.76	21.61	23.0	0.0
20	QPSK	1	53	21.79	21.80	21.68		
20	QPSK	1	104	21.61	21.64	21.60		
20	QPSK	50	0	21.73	21.75	21.70	23.0	0.0
20	QPSK	50	28	21.81	21.82	21.80		
20	QPSK	50	56	21.68	21.66	21.65		
20	QPSK	100	0	21.72	21.73	21.70	23.0	0.0
20	16QAM	1	1	21.49	21.54	21.36	23.0	0.0
20	64QAM	1	1	20.05	20.08	19.97	21.5	1.5
20	256QAM	1	1	18.80	18.86	18.68	20.5	2.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.71	21.73	21.60	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.58	21.64	21.49	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.72	21.81	21.70	23.0	0.0



Power Level for Hotspot/Body-worn -LAT n7(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				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.68	22.75	22.61	24.0	0.0
20	PI/2 BPSK	1	53	22.82	22.88	22.77		
20	PI/2 BPSK	1	104	22.78	22.69	22.60		
20	PI/2 BPSK	50	0	22.31	22.25	22.33	24.0	0.0
20	PI/2 BPSK	50	28	22.84	22.86	22.81		
20	PI/2 BPSK	50	56	22.37	22.21	22.21		
20	PI/2 BPSK	100	0	22.27	22.34	22.31	23.5	0.5
20	QPSK	1	1	22.68	22.77	22.53	24.0	0.0
20	QPSK	1	53	22.85	22.84	22.76		
20	QPSK	1	104	22.72	22.60	22.59		
20	QPSK	50	0	21.73	21.71	21.78	24.0	0.0
20	QPSK	50	28	22.81	22.82	22.84		
20	QPSK	50	56	21.80	21.73	21.74		
20	QPSK	100	0	21.77	21.76	21.76	23.0	1.0
20	16QAM	1	1	21.42	21.52	21.32	23.0	1.0
20	64QAM	1	1	20.08	20.02	19.97	21.0	3.0
20	256QAM	1	1	18.73	18.83	18.72	20.0	4.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.68	22.72	22.62	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.56	22.63	22.48	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.81	22.80	22.73	24.0	0.0



NSA Full Power - n5 (UAT/LAT)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.55	23.58	23.61	24.0	0.0
20	PI/2 BPSK	1	53	23.79	23.84	23.78		
20	PI/2 BPSK	1	104	23.70	23.61	23.66		
20	PI/2 BPSK	50	0	23.25	23.31	23.34	24.0	0.0
20	PI/2 BPSK	50	28	23.75	23.82	23.80		
20	PI/2 BPSK	50	56	23.36	23.28	23.29		
20	PI/2 BPSK	100	0	23.34	23.40	23.38	23.5	0.5
20	QPSK	1	1	23.58	23.64	23.64	24.0	0.0
20	QPSK	1	53	23.79	23.76	23.76		
20	QPSK	1	104	23.68	23.60	23.70		
20	QPSK	50	0	22.77	22.88	22.89	24.0	0.0
20	QPSK	50	28	23.78	23.82	23.80		
20	QPSK	50	56	22.85	22.83	22.87		
20	QPSK	100	0	22.89	22.87	22.93	23.0	1.0
20	16QAM	1	1	22.43	22.37	22.43	23.0	1.0
20	64QAM	1	1	20.99	20.98	21.02	21.0	3.0
20	256QAM	1	1	19.47	19.44	19.48	20.0	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.58	23.61	23.67	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.52	23.66	23.57	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.74	23.77	23.78	24.0	0.0



Reduced Power Level 1 for Head -UAT n5 (Ant 3)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	17.52	17.64	17.66	18.0	0.0
20	PI/2 BPSK	1	53	17.85	17.89	17.83		
20	PI/2 BPSK	1	104	17.72	17.70	17.68		
20	PI/2 BPSK	50	0	17.62	17.76	17.72	18.0	0.0
20	PI/2 BPSK	50	28	17.83	17.87	17.80		
20	PI/2 BPSK	50	56	17.72	17.71	17.75		
20	PI/2 BPSK	100	0	17.83	17.85	17.78	18.0	0.0
20	QPSK	1	1	17.55	17.57	17.64	18.0	0.0
20	QPSK	1	53	17.83	17.76	17.85		
20	QPSK	1	104	17.64	17.61	17.54		
20	QPSK	50	0	17.64	17.73	17.77	18.0	0.0
20	QPSK	50	28	17.71	17.75	17.73		
20	QPSK	50	56	17.69	17.72	17.78		
20	QPSK	100	0	17.65	17.76	17.81	18.0	0.0
20	16QAM	1	1	17.32	17.30	17.37	18.0	0.0
20	64QAM	1	1	17.36	17.33	17.44	18.0	0.0
20	256QAM	1	1	17.64	17.69	17.71	18.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	17.53	17.64	17.64	18.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	17.46	17.62	17.60	18.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	17.64	17.80	17.80	18.0	0.0



Reduced Power Level 2 for Head -UAT n5 (Ant 3)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	15.54	15.52	15.53	16.0	0.0
20	PI/2 BPSK	1	53	15.70	15.79	15.76		
20	PI/2 BPSK	1	104	15.65	15.64	15.64		
20	PI/2 BPSK	50	0	15.65	15.71	15.72	16.0	0.0
20	PI/2 BPSK	50	28	15.68	15.78	15.76		
20	PI/2 BPSK	50	56	15.63	15.72	15.71		
20	PI/2 BPSK	100	0	15.66	15.75	15.73	16.0	0.0
20	QPSK	1	1	15.50	15.52	15.55	16.0	0.0
20	QPSK	1	53	15.68	15.70	15.79		
20	QPSK	1	104	15.57	15.61	15.64		
20	QPSK	50	0	15.71	15.73	15.71	16.0	0.0
20	QPSK	50	28	15.73	15.76	15.73		
20	QPSK	50	56	15.72	15.74	15.73		
20	QPSK	100	0	15.75	15.76	15.77	16.0	0.0
20	16QAM	1	1	15.22	15.22	15.21	16.0	0.0
20	64QAM	1	1	15.31	15.26	15.29	16.0	0.0
20	256QAM	1	1	15.61	15.63	15.62	16.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	15.54	15.55	15.62	16.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	15.37	15.50	15.54	16.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	15.60	15.70	15.70	16.0	0.0



Power Level for Hotspot/Body-worn -UAT n5 (Ant 3)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.55	23.58	23.61	24.0	0.0
20	PI/2 BPSK	1	53	23.79	23.84	23.78		
20	PI/2 BPSK	1	104	23.70	23.61	23.66		
20	PI/2 BPSK	50	0	23.25	23.31	23.34	24.0	0.0
20	PI/2 BPSK	50	28	23.75	23.82	23.80		
20	PI/2 BPSK	50	56	23.36	23.28	23.29		
20	PI/2 BPSK	100	0	23.34	23.40	23.38	23.5	0.5
20	QPSK	1	1	23.58	23.64	23.64	24.0	0.0
20	QPSK	1	53	23.79	23.76	23.76		
20	QPSK	1	104	23.68	23.60	23.70		
20	QPSK	50	0	22.77	22.88	22.89	24.0	0.0
20	QPSK	50	28	23.78	23.82	23.80		
20	QPSK	50	56	22.85	22.83	22.87		
20	QPSK	100	0	22.89	22.87	22.93	23.0	1.0
20	16QAM	1	1	22.43	22.37	22.43	23.0	1.0
20	64QAM	1	1	20.99	20.98	21.02	21.0	3.0
20	256QAM	1	1	19.47	19.44	19.48	20.0	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.58	23.61	23.67	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.52	23.66	23.57	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.74	23.77	23.78	24.0	0.0

Power Level for Head/Hotspot/Body-worn -LAT n5 (Ant 1)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq	Power Middle Ch. 1 Freq	Power High Ch. 1 Freq	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.55	23.58	23.61	24.0	0.0
20	PI/2 BPSK	1	53	23.79	23.84	23.78		
20	PI/2 BPSK	1	104	23.70	23.61	23.66		
20	PI/2 BPSK	50	0	23.25	23.31	23.34	24.0	0.0
20	PI/2 BPSK	50	28	23.75	23.82	23.80		
20	PI/2 BPSK	50	56	23.36	23.28	23.29		
20	PI/2 BPSK	100	0	23.34	23.40	23.38	23.5	0.5
20	QPSK	1	1	23.58	23.64	23.64	24.0	0.0
20	QPSK	1	53	23.79	23.76	23.76		
20	QPSK	1	104	23.68	23.60	23.70		
20	QPSK	50	0	22.77	22.88	22.89	24.0	0.0
20	QPSK	50	28	23.78	23.82	23.80		
20	QPSK	50	56	22.85	22.83	22.87		
20	QPSK	100	0	22.89	22.87	22.93	23.0	1.0
20	16QAM	1	1	22.43	22.37	22.43	23.0	1.0
20	64QAM	1	1	20.99	20.98	21.02	21.0	3.0
20	256QAM	1	1	19.47	19.44	19.48	20.0	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.58	23.61	23.67	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.52	23.66	23.57	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.74	23.77	23.78	24.0	0.0

**EN-DC Full power
Band 7 (2600MHz Band)
Part 27**

BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.67	22.65	22.64	23.8	0
20	QPSK	1	49	22.84	22.77	22.86		
20	QPSK	1	99	22.69	22.66	22.82		
20	QPSK	50	0	21.79	21.67	21.82	22.8	1
20	QPSK	50	24	21.81	21.70	21.85		
20	QPSK	50	50	21.78	21.61	21.84		
20	QPSK	100	0	21.74	21.67	21.81	22.8	1
20	16QAM	1	0	21.53	21.71	21.72		
20	16QAM	1	49	21.74	21.77	21.98		
20	16QAM	1	99	21.68	21.74	21.90	21.8	2
20	16QAM	50	0	20.44	20.52	20.72		
20	16QAM	50	24	20.47	20.56	20.74		
20	16QAM	50	50	20.50	20.54	20.76	21.8	2
20	16QAM	100	0	20.44	20.54	20.75		
20	64QAM	1	0	20.45	20.67	20.63		
20	64QAM	1	49	20.66	20.72	20.88	21.8	2
20	64QAM	1	99	20.56	20.61	20.79		
20	64QAM	50	0	19.40	19.51	19.72		
20	64QAM	50	24	19.49	19.56	19.73	20.8	3
20	64QAM	50	50	19.54	19.52	19.78		
20	64QAM	100	0	19.43	19.54	19.73		
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.38	22.58	22.66	23.8	0
15	QPSK	1	37	22.55	22.67	22.61		
15	QPSK	1	74	22.49	22.63	22.64		
15	QPSK	36	0	21.46	21.56	21.74	22.8	1
15	QPSK	36	20	21.48	21.62	21.76		
15	QPSK	36	39	21.54	21.59	21.79		
15	QPSK	75	0	21.49	21.61	21.74	22.8	1
15	16QAM	1	0	21.60	21.76	21.86		
15	16QAM	1	37	21.76	21.79	22.00		
15	16QAM	1	74	21.66	21.83	21.97	21.8	2
15	16QAM	36	0	20.47	20.62	20.71		
15	16QAM	36	20	20.50	20.60	20.77		
15	16QAM	36	39	20.54	20.57	20.81	21.8	2
15	16QAM	75	0	20.47	20.58	20.77		
15	64QAM	1	0	20.55	20.75	20.75		
15	64QAM	1	37	20.71	20.73	20.99	21.8	2
15	64QAM	1	74	20.50	20.71	20.87		
15	64QAM	36	0	19.49	19.61	19.76		
15	64QAM	36	20	19.48	19.62	19.78	20.8	3
15	64QAM	36	39	19.53	19.63	19.80		
15	64QAM	75	0	19.45	19.58	19.73		
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.47	22.60	22.65	23.8	0
10	QPSK	1	25	22.49	22.64	22.65		
10	QPSK	1	49	22.53	22.64	22.67		
10	QPSK	25	0	21.45	21.58	21.78	22.8	1
10	QPSK	25	12	21.48	21.65	21.82		
10	QPSK	25	25	21.52	21.61	21.78		
10	QPSK	50	0	21.50	21.63	21.84	22.8	1
10	16QAM	1	0	21.62	21.82	21.95		
10	16QAM	1	25	21.61	21.75	21.99		
10	16QAM	1	49	21.74	21.84	21.98	21.8	2
10	16QAM	25	0	20.46	20.69	20.80		
10	16QAM	25	12	20.51	20.62	20.85		
10	16QAM	25	25	20.55	20.60	20.84	21.8	2
10	16QAM	50	0	20.48	20.61	20.82		
10	64QAM	1	0	20.48	20.69	20.80		
10	64QAM	1	25	20.56	20.76	20.88	21.8	2
10	64QAM	1	49	20.68	20.72	20.89		
10	64QAM	25	0	19.49	19.58	19.79		
10	64QAM	25	12	19.51	19.63	19.84	20.8	3
10	64QAM	25	25	19.51	19.64	19.79		
10	64QAM	50	0	19.47	19.60	19.83		
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.39	22.56	22.66	23.8	0
5	QPSK	1	12	22.44	22.61	22.68		
5	QPSK	1	24	22.41	22.58	22.69		
5	QPSK	12	0	21.35	21.57	21.73	22.8	1
5	QPSK	12	7	21.39	21.50	21.72		
5	QPSK	12	13	21.39	21.48	21.67		
5	QPSK	25	0	21.39	21.50	21.71	22.8	1
5	16QAM	1	0	21.54	21.67	21.88		
5	16QAM	1	12	21.51	21.75	21.84		
5	16QAM	1	24	21.55	21.74	21.89	21.8	2
5	16QAM	12	0	20.33	20.53	20.71		
5	16QAM	12	7	20.36	20.49	20.70		
5	16QAM	12	13	20.36	20.46	20.64	21.8	2
5	16QAM	25	0	20.41	20.51	20.74		
5	64QAM	1	0	20.44	20.64	20.86		
5	64QAM	1	12	20.54	20.66	20.79	21.8	2
5	64QAM	1	24	20.49	20.65	20.78		
5	64QAM	12	0	19.36	19.58	19.75		
5	64QAM	12	7	19.40	19.52	19.75	20.8	3
5	64QAM	12	13	19.39	19.50	19.71		
5	64QAM	25	0	19.38	19.51	19.72		

Reduced Power Level 1 for Head -UAT Band 7 (260MHz Band) Part 27									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	12.29	12.31	12.28	13.3	0	
20	QPSK	1	49	12.45	12.48	12.51			
20	QPSK	1	99	12.35	12.40	12.47			
20	QPSK	50	0	12.39	12.40	12.46	13.3	0	
20	QPSK	50	24	12.43	12.46	12.43			
20	QPSK	50	50	12.43	12.35	12.44			
20	QPSK	100	0	12.40	12.44	12.46	13.3	0	
20	16QAM	1	0	12.43	12.42	12.43			
20	16QAM	1	49	12.47	12.42	12.39			
20	16QAM	1	99	12.49	12.39	12.45	13.3	0	
20	16QAM	50	0	12.31	12.31	12.40			
20	16QAM	50	24	12.38	12.41	12.41			
20	16QAM	50	50	12.33	12.28	12.37	13.3	0	
20	16QAM	100	0	12.30	12.29	12.38			
20	64QAM	1	0	12.40	12.31	12.38			
20	64QAM	1	49	12.49	12.40	12.40	13.3	0	
20	64QAM	1	99	12.33	12.39	12.46			
20	64QAM	50	0	12.30	12.31	12.38			
20	64QAM	50	24	12.39	12.39	12.43	13.3	0	
20	64QAM	50	50	12.34	12.28	12.36			
20	64QAM	100	0	12.31	12.29	12.35			
Channel				20625	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	12.22	12.27	12.24	13.3	0	
15	QPSK	1	37	12.34	12.39	12.39			
15	QPSK	1	74	12.28	12.31	12.41			
15	QPSK	36	0	12.25	12.35	12.35	13.3	0	
15	QPSK	36	20	12.33	12.37	12.37			
15	QPSK	36	39	12.35	12.33	12.40			
15	QPSK	75	0	12.31	12.39	12.40	13.3	0	
15	16QAM	1	0	12.29	12.38	12.29			
15	16QAM	1	37	12.43	12.44	12.47			
15	16QAM	1	74	12.40	12.34	12.44	13.3	0	
15	16QAM	36	0	12.30	12.37	12.34			
15	16QAM	36	20	12.36	12.39	12.41			
15	16QAM	36	39	12.37	12.31	12.39	13.3	0	
15	16QAM	75	0	12.35	12.37	12.41			
15	64QAM	1	0	12.12	12.28	12.20			
15	64QAM	1	37	12.27	12.34	12.38	13.3	0	
15	64QAM	1	74	12.22	12.26	12.31			
15	64QAM	36	0	12.32	12.42	12.39			
15	64QAM	36	20	12.37	12.40	12.44	13.3	0	
15	64QAM	36	39	12.40	12.37	12.43			
15	64QAM	75	0	12.32	12.37	12.38			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	12.27	12.33	12.33	13.3	0	
10	QPSK	1	25	12.40	12.41	12.43			
10	QPSK	1	49	12.36	12.34	12.45			
10	QPSK	25	0	12.26	12.41	12.44	13.3	0	
10	QPSK	25	12	12.33	12.40	12.45			
10	QPSK	25	25	12.40	12.36	12.44			
10	QPSK	50	0	12.37	12.42	12.44	13.3	0	
10	16QAM	1	0	12.31	12.42	12.39			
10	16QAM	1	25	12.44	12.45	12.48			
10	16QAM	1	49	12.38	12.39	12.50	13.3	0	
10	16QAM	25	0	12.30	12.41	12.45			
10	16QAM	25	12	12.38	12.44	12.49			
10	16QAM	25	25	12.46	12.36	12.44	13.3	0	
10	16QAM	50	0	12.35	12.39	12.41			
10	64QAM	1	0	12.19	12.29	12.28			
10	64QAM	1	25	12.31	12.34	12.30	13.3	0	
10	64QAM	1	49	12.29	12.27	12.34			
10	64QAM	25	0	12.31	12.41	12.45			
10	64QAM	25	12	12.38	12.42	12.47	13.3	0	
10	64QAM	25	25	12.44	12.35	12.44			
10	64QAM	50	0	12.38	12.39	12.42			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	12.31	12.38	12.37	13.3	0	
5	QPSK	1	12	12.35	12.41	12.46			
5	QPSK	1	24	12.38	12.38	12.46			
5	QPSK	12	0	12.30	12.43	12.50	13.3	0	
5	QPSK	12	7	12.37	12.39	12.47			
5	QPSK	12	13	12.38	12.37	12.47			
5	QPSK	25	0	12.37	12.41	12.50	13.3	0	
5	16QAM	1	0	12.45	12.46	12.48			
5	16QAM	1	12	12.49	12.50	12.45			
5	16QAM	1	24	12.42	12.47	12.46	13.3	0	
5	16QAM	12	0	12.30	12.42	12.49			
5	16QAM	12	7	12.38	12.37	12.47			
5	16QAM	12	13	12.40	12.34	12.45	13.3	0	
5	16QAM	25	0	12.38	12.39	12.49			
5	64QAM	1	0	12.25	12.33	12.33			
5	64QAM	1	12	12.30	12.35	12.38	13.3	0	
5	64QAM	1	24	12.32	12.31	12.40			
5	64QAM	12	0	12.34	12.48	12.45			
5	64QAM	12	7	12.40	12.43	12.42	13.3	0	
5	64QAM	12	13	12.40	12.41	12.49			
5	64QAM	25	0	12.39	12.40	12.50			

Reduced Power Level 2 for Head -UAT Band 7 (260MHz Band) Part 27								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	11.8	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	10.73	10.76	10.75	11.8	0
20	QPSK	1	49	10.96	10.98	11.00		
20	QPSK	1	99	10.78	10.87	10.94		
20	QPSK	50	0	10.93	10.92	10.97	11.8	0
20	QPSK	50	24	10.95	10.98	10.99		
20	QPSK	50	50	10.94	10.86	10.94		
20	QPSK	100	0	10.93	10.96	10.97	11.8	0
20	16QAM	1	0	10.89	10.96	10.91		
20	16QAM	1	49	10.91	10.97	10.94		
20	16QAM	1	99	10.95	10.92	10.97	11.8	0
20	16QAM	50	0	10.77	10.80	10.87		
20	16QAM	50	24	10.86	10.89	10.88		
20	16QAM	50	50	10.83	10.77	10.87	11.8	0
20	16QAM	100	0	10.79	10.78	10.79		
20	64QAM	1	0	10.75	10.82	10.78		
20	64QAM	1	49	10.96	10.92	10.93	11.8	0
20	64QAM	1	99	10.82	10.88	10.98		
20	64QAM	50	0	10.79	10.80	10.87		
20	64QAM	50	24	10.86	10.89	10.86	11.8	0
20	64QAM	50	50	10.83	10.74	10.84		
20	64QAM	100	0	10.80	10.77	10.79		
Channel				20825	21100	21375	11.8	0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	10.72	10.78	10.72	11.8	0
15	QPSK	1	37	10.83	10.84	10.90		
15	QPSK	1	74	10.78	10.79	10.87		
15	QPSK	36	0	10.73	10.84	10.84	11.8	0
15	QPSK	36	20	10.82	10.84	10.86		
15	QPSK	36	39	10.83	10.78	10.86		
15	QPSK	75	0	10.81	10.83	10.84	11.8	0
15	16QAM	1	0	10.86	10.90	10.91		
15	16QAM	1	37	10.94	10.96	10.95		
15	16QAM	1	74	10.97	10.97	10.95	11.8	0
15	16QAM	36	0	10.77	10.84	10.84		
15	16QAM	36	20	10.83	10.89	10.86		
15	16QAM	36	39	10.84	10.80	10.91	11.8	0
15	16QAM	75	0	10.78	10.86	10.83		
15	64QAM	1	0	10.75	10.87	10.79		
15	64QAM	1	37	10.91	10.93	10.90	11.8	0
15	64QAM	1	74	10.86	10.84	10.93		
15	64QAM	36	0	10.77	10.88	10.84		
15	64QAM	36	20	10.85	10.90	10.88	11.8	0
15	64QAM	36	39	10.82	10.81	10.89		
15	64QAM	75	0	10.81	10.83	10.84		
Channel				20800	21100	21400	11.8	0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	10.74	10.82	10.78	11.8	0
10	QPSK	1	25	10.88	10.89	10.90		
10	QPSK	1	49	10.81	10.81	10.88		
10	QPSK	25	0	10.77	10.85	10.92	11.8	0
10	QPSK	25	12	10.82	10.88	10.92		
10	QPSK	25	25	10.88	10.83	10.89		
10	QPSK	50	0	10.86	10.88	10.90	11.8	0
10	16QAM	1	0	10.91	10.92	10.95		
10	16QAM	1	25	10.93	10.87	10.95		
10	16QAM	1	49	10.97	10.91	10.94	11.8	0
10	16QAM	25	0	10.76	10.89	10.95		
10	16QAM	25	12	10.84	10.90	10.93		
10	16QAM	25	25	10.87	10.81	10.91	11.8	0
10	16QAM	50	0	10.82	10.86	10.90		
10	64QAM	1	0	10.76	10.84	10.86		
10	64QAM	1	25	10.94	10.91	10.95	11.8	0
10	64QAM	1	49	10.84	10.84	10.96		
10	64QAM	25	0	10.78	10.92	10.92		
10	64QAM	25	12	10.85	10.92	10.94	11.8	0
10	64QAM	25	25	10.88	10.80	10.90		
10	64QAM	50	0	10.83	10.86	10.90		
Channel				20775	21100	21425	11.8	0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	10.75	10.81	10.83	11.8	0
5	QPSK	1	12	10.83	10.89	10.93		
5	QPSK	1	24	10.84	10.83	10.90		
5	QPSK	12	0	10.77	10.88	10.92	11.8	0
5	QPSK	12	7	10.82	10.84	10.92		
5	QPSK	12	13	10.82	10.80	10.89		
5	QPSK	25	0	10.82	10.84	10.93	11.8	0
5	16QAM	1	0	10.95	10.90	10.95		
5	16QAM	1	12	10.90	10.96	10.88		
5	16QAM	1	24	10.90	10.97	10.95	11.8	0
5	16QAM	12	0	10.76	10.89	10.94		
5	16QAM	12	7	10.81	10.85	10.90		
5	16QAM	12	13	10.79	10.82	10.91	11.8	0
5	16QAM	25	0	10.82	10.85	10.94		
5	64QAM	1	0	10.81	10.89	10.87		
5	64QAM	1	12	10.88	10.94	10.95	11.8	0
5	64QAM	1	24	10.87	10.87	10.93		
5	64QAM	12	0	10.80	10.93	10.96		
5	64QAM	12	7	10.83	10.85	10.96	11.8	0
5	64QAM	12	13	10.86	10.84	10.92		
5	64QAM	25	0	10.85	10.84	10.93		



Power Level for Hotspot -JAT Band 7 (2600MHz Band) Part 27								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	16.3	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.26	15.30	15.28	16.3	0
20	QPSK	1	49	15.44	15.47	15.49		
20	QPSK	1	99	15.29	15.42	15.47		
20	QPSK	50	0	15.40	15.41	15.46	16.3	0
20	QPSK	50	24	15.43	15.48	15.48		
20	QPSK	50	50	15.41	15.38	15.45		
20	QPSK	100	0	15.41	15.44	15.46	16.3	0
20	16QAM	1	0	15.45	15.40	15.39		
20	16QAM	1	49	15.46	15.40	15.40		
20	16QAM	1	99	15.43	15.47	15.48	16.3	0
20	16QAM	50	0	15.29	15.32	15.39		
20	16QAM	50	24	15.36	15.38	15.42		
20	16QAM	50	50	15.34	15.28	15.36	16.3	0
20	16QAM	100	0	15.28	15.28	15.38		
20	64QAM	1	0	15.39	15.40	15.28		
20	64QAM	1	49	15.44	15.39	15.41	16.3	0
20	64QAM	1	99	15.40	15.40	15.38		
20	64QAM	50	0	15.29	15.29	15.40		
20	64QAM	50	24	15.36	15.38	15.44	16.3	0
20	64QAM	50	50	15.32	15.27	15.37		
20	64QAM	100	0	15.30	15.27	15.36		
Channel				20825	21100	21375	16.3	0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.14	15.24	15.19	16.3	0
15	QPSK	1	37	15.30	15.31	15.38		
15	QPSK	1	74	15.23	15.26	15.38		
15	QPSK	36	0	15.19	15.30	15.28	16.3	0
15	QPSK	36	20	15.26	15.31	15.32		
15	QPSK	36	39	15.26	15.25	15.34		
15	QPSK	75	0	15.27	15.30	15.31	16.3	0
15	16QAM	1	0	15.37	15.42	15.39		
15	16QAM	1	37	15.47	15.40	15.45		
15	16QAM	1	74	15.46	15.43	15.43	16.3	0
15	16QAM	36	0	15.21	15.31	15.31		
15	16QAM	36	20	15.27	15.32	15.34		
15	16QAM	36	39	15.28	15.27	15.35	16.3	0
15	16QAM	75	0	15.27	15.28	15.32		
15	64QAM	1	0	15.24	15.33	15.23		
15	64QAM	1	37	15.39	15.41	15.41	16.3	0
15	64QAM	1	74	15.32	15.31	15.37		
15	64QAM	36	0	15.23	15.32	15.32		
15	64QAM	36	20	15.31	15.35	15.35	16.3	0
15	64QAM	36	39	15.31	15.28	15.39		
15	64QAM	75	0	15.25	15.28	15.32		
Channel				20800	21100	21400	16.3	0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.21	15.26	15.29	16.3	0
10	QPSK	1	25	15.31	15.33	15.38		
10	QPSK	1	49	15.25	15.39	15.40		
10	QPSK	25	0	15.17	15.39	15.34	16.3	0
10	QPSK	25	12	15.23	15.31	15.38		
10	QPSK	25	25	15.28	15.27	15.35		
10	QPSK	50	0	15.26	15.30	15.34	16.3	0
10	16QAM	1	0	15.39	15.39	15.46		
10	16QAM	1	25	15.40	15.41	15.43		
10	16QAM	1	49	15.46	15.48	15.41	16.3	0
10	16QAM	25	0	15.19	15.30	15.38		
10	16QAM	25	12	15.26	15.33	15.40		
10	16QAM	25	25	15.31	15.29	15.36	16.3	0
10	16QAM	50	0	15.24	15.29	15.36		
10	64QAM	1	0	15.25	15.37	15.30		
10	64QAM	1	25	15.38	15.41	15.37	16.3	0
10	64QAM	1	49	15.33	15.34	15.39		
10	64QAM	25	0	15.21	15.32	15.36		
10	64QAM	25	12	15.26	15.34	15.40	16.3	0
10	64QAM	25	25	15.32	15.28	15.37		
10	64QAM	50	0	15.26	15.32	15.36		
Channel				20775	21100	21425	16.3	0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.25	15.34	15.33	16.3	0
5	QPSK	1	12	15.29	15.36	15.41		
5	QPSK	1	24	15.31	15.33	15.42		
5	QPSK	12	0	15.20	15.35	15.41	16.3	0
5	QPSK	12	7	15.25	15.29	15.40		
5	QPSK	12	13	15.27	15.26	15.38		
5	QPSK	25	0	15.28	15.29	15.39	16.3	0
5	16QAM	1	0	15.44	15.41	15.42		
5	16QAM	1	12	15.45	15.44	15.46		
5	16QAM	1	24	15.46	15.42	15.39	16.3	0
5	16QAM	12	0	15.19	15.32	15.40		
5	16QAM	12	7	15.25	15.29	15.39		
5	16QAM	12	13	15.27	15.28	15.34	16.3	0
5	16QAM	25	0	15.27	15.30	15.40		
5	64QAM	1	0	15.28	15.38	15.39		
5	64QAM	1	12	15.35	15.42	15.39	16.3	0
5	64QAM	1	24	15.36	15.36	15.46		
5	64QAM	12	0	15.25	15.36	15.43		
5	64QAM	12	7	15.29	15.31	15.42	16.3	0
5	64QAM	12	13	15.31	15.29	15.38		
5	64QAM	25	0	15.28	15.29	15.39		



Power Level for Body-worn -UAT								
Band 7 (2600MHz Band)								
Part 27								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	17.3	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.19	16.26	16.27	17.3	0
20	QPSK	1	49	16.42	16.46	16.49		
20	QPSK	1	99	16.26	16.36	16.44		
20	QPSK	50	0	16.37	16.40	16.43	17.3	0
20	QPSK	50	24	16.42	16.45	16.47		
20	QPSK	50	50	16.40	16.34	16.45		
20	QPSK	100	0	16.40	16.43	16.46	17.3	0
20	16QAM	1	0	16.35	16.40	16.37		
20	16QAM	1	49	16.48	16.48	16.47		
20	16QAM	1	99	16.42	16.46	16.47	17.3	0
20	16QAM	50	0	16.23	16.25	16.33		
20	16QAM	50	24	16.29	16.33	16.37		
20	16QAM	50	50	16.24	16.16	16.29	17.3	0
20	16QAM	100	0	16.24	16.22	16.27		
20	64QAM	1	0	16.22	16.30	16.27		
20	64QAM	1	49	16.43	16.47	16.47	17.3	0
20	64QAM	1	99	16.28	16.37	16.46		
20	64QAM	50	0	16.23	16.24	16.30		
20	64QAM	50	24	16.27	16.32	16.34	17.3	0
20	64QAM	50	50	16.24	16.19	16.28		
20	64QAM	100	0	16.24	16.22	16.28		
Channel				20825	21100	21375	17.3	0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.16	16.24	16.20	17.3	0
15	QPSK	1	37	16.32	16.32	16.37		
15	QPSK	1	74	16.23	16.28	16.36		
15	QPSK	36	0	16.21	16.29	16.33	17.3	0
15	QPSK	36	20	16.29	16.32	16.33		
15	QPSK	36	39	16.28	16.27	16.35		
15	QPSK	75	0	16.26	16.31	16.33	17.3	0
15	16QAM	1	0	16.31	16.40	16.32		
15	16QAM	1	37	16.47	16.46	16.39		
15	16QAM	1	74	16.41	16.37	16.47	17.3	0
15	16QAM	36	0	16.20	16.32	16.31		
15	16QAM	36	20	16.30	16.34	16.35		
15	16QAM	36	39	16.29	16.28	16.38	17.3	0
15	16QAM	75	0	16.25	16.31	16.32		
15	64QAM	1	0	16.16	16.28	16.19		
15	64QAM	1	37	16.35	16.33	16.38	17.3	0
15	64QAM	1	74	16.29	16.25	16.38		
15	64QAM	36	0	16.24	16.34	16.34		
15	64QAM	36	20	16.30	16.37	16.37	17.3	0
15	64QAM	36	39	16.32	16.30	16.40		
15	64QAM	75	0	16.28	16.29	16.32		
Channel				20800	21100	21400	17.3	0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.22	16.29	16.29	17.3	0
10	QPSK	1	25	16.34	16.36	16.37		
10	QPSK	1	49	16.30	16.29	16.39		
10	QPSK	25	0	16.21	16.34	16.39	17.3	0
10	QPSK	25	12	16.28	16.37	16.41		
10	QPSK	25	25	16.34	16.29	16.38		
10	QPSK	50	0	16.30	16.35	16.39	17.3	0
10	16QAM	1	0	16.34	16.47	16.42		
10	16QAM	1	25	16.46	16.48	16.39		
10	16QAM	1	49	16.45	16.43	16.40	17.3	0
10	16QAM	25	0	16.24	16.36	16.40		
10	16QAM	25	12	16.31	16.35	16.40		
10	16QAM	25	25	16.35	16.31	16.38	17.3	0
10	16QAM	50	0	16.30	16.34	16.37		
10	64QAM	1	0	16.19	16.30	16.32		
10	64QAM	1	25	16.32	16.33	16.39	17.3	0
10	64QAM	1	49	16.30	16.28	16.43		
10	64QAM	25	0	16.25	16.34	16.40		
10	64QAM	25	12	16.31	16.38	16.42	17.3	0
10	64QAM	25	25	16.36	16.30	16.38		
10	64QAM	50	0	16.33	16.34	16.35		
Channel				20775	21100	21425	17.3	0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.25	16.34	16.35	17.3	0
5	QPSK	1	12	16.30	16.36	16.42		
5	QPSK	1	24	16.34	16.35	16.42		
5	QPSK	12	0	16.23	16.37	16.45	17.3	0
5	QPSK	12	7	16.30	16.33	16.42		
5	QPSK	12	13	16.30	16.31	16.40		
5	QPSK	25	0	16.31	16.33	16.43	17.3	0
5	16QAM	1	0	16.35	16.45	16.47		
5	16QAM	1	12	16.40	16.44	16.35		
5	16QAM	1	24	16.46	16.41	16.40	17.3	0
5	16QAM	12	0	16.23	16.38	16.42		
5	16QAM	12	7	16.29	16.32	16.41		
5	16QAM	12	13	16.28	16.27	16.38	17.3	0
5	16QAM	25	0	16.30	16.35	16.43		
5	64QAM	1	0	16.27	16.34	16.37		
5	64QAM	1	12	16.30	16.38	16.44	17.3	0
5	64QAM	1	24	16.32	16.35	16.43		
5	64QAM	12	0	16.26	16.40	16.47		
5	64QAM	12	7	16.33	16.36	16.46	17.3	0
5	64QAM	12	13	16.34	16.32	16.42		
5	64QAM	25	0	16.31	16.34	16.42		

Reduced Power Level 1 for Head -LAT								
Band 7 (2600MHz Band)								
Part 27								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.67	22.65	22.64	23.8	0
20	QPSK	1	49	22.84	22.77	22.86		
20	QPSK	1	99	22.69	22.66	22.82		
20	QPSK	50	0	21.79	21.67	21.82	22.8	1
20	QPSK	50	24	21.81	21.70	21.85		
20	QPSK	50	50	21.78	21.61	21.84		
20	QPSK	100	0	21.74	21.67	21.81	22.8	1
20	16QAM	1	0	21.53	21.71	21.72		
20	16QAM	1	49	21.74	21.77	21.88		
20	16QAM	1	99	21.68	21.74	21.90	21.8	2
20	16QAM	50	0	20.44	20.52	20.72		
20	16QAM	50	24	20.47	20.56	20.74		
20	16QAM	50	50	20.50	20.54	20.76	21.8	2
20	16QAM	100	0	20.44	20.54	20.75		
20	64QAM	1	0	20.45	20.67	20.63		
20	64QAM	1	49	20.66	20.72	20.88	20.8	3
20	64QAM	1	99	20.56	20.61	20.79		
20	64QAM	50	0	19.40	19.51	19.72		
20	64QAM	50	24	19.49	19.56	19.73	21.8	2
20	64QAM	50	50	19.54	19.52	19.78		
20	64QAM	100	0	19.43	19.54	19.73		
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.38	22.58	22.66	23.8	0
15	QPSK	1	37	22.55	22.67	22.61		
15	QPSK	1	74	22.49	22.63	22.64		
15	QPSK	38	0	21.46	21.56	21.74	22.8	1
15	QPSK	38	20	21.48	21.62	21.76		
15	QPSK	38	39	21.54	21.59	21.79		
15	QPSK	75	0	21.49	21.61	21.74	22.8	1
15	16QAM	1	0	21.60	21.76	21.86		
15	16QAM	1	37	21.76	21.79	22.00		
15	16QAM	1	74	21.66	21.83	21.97	21.8	2
15	16QAM	38	0	20.47	20.62	20.71		
15	16QAM	38	20	20.50	20.60	20.77		
15	16QAM	38	39	20.54	20.57	20.81	21.8	2
15	16QAM	75	0	20.47	20.58	20.77		
15	64QAM	1	0	20.55	20.75	20.75		
15	64QAM	1	37	20.71	20.73	20.99	20.8	3
15	64QAM	1	74	20.50	20.71	20.87		
15	64QAM	38	0	19.49	19.61	19.76		
15	64QAM	38	20	19.48	19.62	19.78	21.8	2
15	64QAM	38	39	19.53	19.63	19.80		
15	64QAM	75	0	19.45	19.58	19.73		
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.47	22.60	22.65	23.8	0
10	QPSK	1	25	22.49	22.64	22.65		
10	QPSK	1	49	22.53	22.64	22.67		
10	QPSK	25	0	21.45	21.58	21.78	22.8	1
10	QPSK	25	12	21.48	21.65	21.82		
10	QPSK	25	25	21.52	21.61	21.78		
10	QPSK	50	0	21.50	21.63	21.84	22.8	1
10	16QAM	1	0	21.62	21.82	21.95		
10	16QAM	1	25	21.61	21.75	21.99		
10	16QAM	1	49	21.74	21.84	21.98	21.8	2
10	16QAM	25	0	20.46	20.59	20.80		
10	16QAM	25	12	20.51	20.62	20.85		
10	16QAM	25	25	20.55	20.60	20.84	21.8	2
10	16QAM	50	0	20.48	20.61	20.82		
10	64QAM	1	0	20.48	20.69	20.80		
10	64QAM	1	25	20.56	20.76	20.88	20.8	3
10	64QAM	1	49	20.68	20.72	20.89		
10	64QAM	25	0	19.49	19.58	19.79		
10	64QAM	25	12	19.51	19.63	19.84	21.8	2
10	64QAM	25	25	19.51	19.64	19.79		
10	64QAM	50	0	19.47	19.60	19.83		
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.39	22.56	22.66	23.8	0
5	QPSK	1	12	22.44	22.61	22.68		
5	QPSK	1	24	22.41	22.58	22.69		
5	QPSK	12	0	21.35	21.57	21.73	22.8	1
5	QPSK	12	7	21.39	21.50	21.72		
5	QPSK	12	13	21.39	21.48	21.67		
5	QPSK	25	0	21.39	21.50	21.71	22.8	1
5	16QAM	1	0	21.54	21.67	21.88		
5	16QAM	1	12	21.51	21.75	21.84		
5	16QAM	1	24	21.55	21.74	21.89	21.8	2
5	16QAM	12	0	20.33	20.53	20.71		
5	16QAM	12	7	20.36	20.49	20.70		
5	16QAM	12	13	20.36	20.46	20.64	21.8	2
5	16QAM	25	0	20.41	20.51	20.74		
5	64QAM	1	0	20.44	20.64	20.86		
5	64QAM	1	12	20.54	20.66	20.79	20.8	3
5	64QAM	1	24	20.49	20.65	20.78		
5	64QAM	12	0	19.36	19.58	19.75		
5	64QAM	12	7	19.40	19.52	19.75	21.8	2
5	64QAM	12	13	19.39	19.50	19.71		
5	64QAM	25	0	19.38	19.51	19.72		



Reduced Power Level 2 for Head -LAT								
Band 7 (2600MHz Band)								
Part 27								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.86	19.93	19.88	20.8	0
20	QPSK	1	49	20.00	20.04	20.08		
20	QPSK	1	99	19.92	19.99	20.07		
20	QPSK	50	0	19.95	19.95	19.98	20.8	0
20	QPSK	50	24	20.00	20.03	20.05		
20	QPSK	50	50	19.98	19.89	19.96		
20	QPSK	100	0	19.97	19.98	20.04	20.8	0
20	16QAM	1	0	20.04	20.01	20.05		
20	16QAM	1	49	20.05	20.06	19.98		
20	16QAM	1	99	20.04	19.99	20.01	20.8	0
20	16QAM	50	0	19.86	19.84	19.89		
20	16QAM	50	24	20.01	19.97	19.98		
20	16QAM	50	50	19.91	19.84	19.89	20.8	0
20	16QAM	100	0	19.87	19.84	19.87		
20	84QAM	1	0	19.94	19.99	19.86		
20	84QAM	1	49	19.99	20.05	19.98	20.8	0
20	84QAM	1	99	20.02	20.01	20.01		
20	84QAM	50	0	19.86	19.84	19.88		
20	84QAM	50	24	20.00	20.00	20.01	20.8	0
20	84QAM	50	50	19.92	19.84	19.89		
20	84QAM	100	0	19.88	19.85	19.90		
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.82	19.89	19.81	20.8	0
15	QPSK	1	37	19.98	20.01	19.99		
15	QPSK	1	74	19.93	19.88	19.97		
15	QPSK	36	0	19.82	19.92	19.86	20.8	0
15	QPSK	36	20	19.92	19.95	19.93		
15	QPSK	36	39	19.94	19.85	19.91		
15	QPSK	75	0	19.91	19.89	19.88	20.8	0
15	16QAM	1	0	19.91	19.97	19.89		
15	16QAM	1	37	20.04	20.01	20.03		
15	16QAM	1	74	20.03	19.88	20.02	20.8	0
15	16QAM	36	0	19.83	19.89	19.90		
15	16QAM	36	20	19.97	19.98	19.93		
15	16QAM	36	39	19.98	19.90	19.97	20.8	0
15	16QAM	75	0	19.90	19.90	19.89		
15	84QAM	1	0	19.78	19.86	19.77		
15	84QAM	1	37	20.00	19.93	19.92	20.8	0
15	84QAM	1	74	19.91	19.79	19.90		
15	84QAM	36	0	19.87	19.95	19.95		
15	84QAM	36	20	19.99	19.99	19.98	20.8	0
15	84QAM	36	39	19.98	19.91	19.96		
15	84QAM	75	0	19.92	19.92	19.91		
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.87	19.96	19.90	20.8	0
10	QPSK	1	25	20.02	20.02	19.99		
10	QPSK	1	49	19.96	19.95	20.02		
10	QPSK	25	0	19.81	19.93	19.96	20.8	0
10	QPSK	25	12	19.90	19.94	19.97		
10	QPSK	25	25	19.98	19.86	19.90		
10	QPSK	50	0	19.91	19.90	19.90	20.8	0
10	16QAM	1	0	19.94	19.95	19.97		
10	16QAM	1	25	19.90	19.96	19.91		
10	16QAM	1	49	19.95	19.97	19.94	20.8	0
10	16QAM	25	0	19.85	19.95	20.01		
10	16QAM	25	12	19.95	19.99	20.02		
10	16QAM	25	25	20.02	19.91	19.95	20.8	0
10	16QAM	50	0	19.96	19.92	19.94		
10	84QAM	1	0	19.82	19.92	19.84		
10	84QAM	1	25	19.92	19.94	19.92	20.8	0
10	84QAM	1	49	19.93	19.87	19.94		
10	84QAM	25	0	19.86	19.93	20.01		
10	84QAM	25	12	19.95	20.00	20.01	20.8	0
10	84QAM	25	25	20.03	19.92	19.95		
10	84QAM	50	0	19.93	19.93	19.94		
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.96	20.02	20.01	20.8	0
5	QPSK	1	12	19.98	20.04	19.99		
5	QPSK	1	24	20.03	20.02	19.98		
5	QPSK	12	0	19.87	19.99	20.03	20.8	0
5	QPSK	12	7	19.93	19.93	20.00		
5	QPSK	12	13	19.96	19.88	19.94		
5	QPSK	25	0	19.92	19.89	19.97	20.8	0
5	16QAM	1	0	20.00	20.00	20.01		
5	16QAM	1	12	20.00	20.00	20.07		
5	16QAM	1	24	20.03	19.98	20.04	20.8	0
5	16QAM	12	0	19.87	19.98	20.04		
5	16QAM	12	7	19.94	19.94	20.01		
5	16QAM	12	13	19.95	19.90	19.96	20.8	0
5	16QAM	25	0	19.98	19.96	20.03		
5	84QAM	1	0	19.88	19.91	19.90		
5	84QAM	1	12	19.92	19.97	19.98	20.8	0
5	84QAM	1	24	19.97	19.89	19.94		
5	84QAM	12	0	19.93	20.03	20.00		
5	84QAM	12	7	19.98	19.97	20.06	20.8	0
5	84QAM	12	13	20.00	19.94	20.00		
5	84QAM	25	0	19.98	19.96	20.04		



Power Level for Hotspot -LAT Band 7 (2600MHz Band) Part 27								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	21.3	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.14	20.20	20.13	21.3	0
20	QPSK	1	49	20.26	20.29	20.31		
20	QPSK	1	99	20.21	20.23	20.28		
20	QPSK	50	0	20.25	20.23	20.28	21.3	0
20	QPSK	50	24	20.24	20.27	20.29		
20	QPSK	50	50	20.21	20.22	20.26		
20	QPSK	100	0	20.22	20.28	20.28	21.3	0
20	16QAM	1	0	20.23	20.27	20.26		
20	16QAM	1	49	20.22	20.29	20.29		
20	16QAM	1	99	20.22	20.26	20.29	21.3	0
20	16QAM	50	0	20.10	20.07	20.13		
20	16QAM	50	24	20.25	20.24	20.25		
20	16QAM	50	50	20.17	20.11	20.13	21.3	0
20	16QAM	100	0	20.19	20.20	20.17		
20	64QAM	1	0	20.17	20.26	20.10		
20	64QAM	1	49	20.28	20.30	20.30	21.3	0
20	64QAM	1	99	20.29	20.28	20.30		
20	64QAM	50	0	19.61	19.60	19.66		
20	64QAM	50	24	19.75	19.73	19.71	20.8	0.5
20	64QAM	50	50	19.68	19.60	19.66		
20	64QAM	100	0	19.74	19.72	19.71		
Channel				20825	21100	21375	21.3	0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.06	20.15	20.07	21.3	0
15	QPSK	1	37	20.21	20.21	20.21		
15	QPSK	1	74	20.17	20.15	20.25		
15	QPSK	38	0	20.08	20.16	20.14	21.3	0
15	QPSK	38	20	20.19	20.21	20.20		
15	QPSK	38	39	20.20	20.14	20.20		
15	QPSK	75	0	20.25	20.21	20.21	21.3	0
15	16QAM	1	0	20.16	20.25	20.16		
15	16QAM	1	37	20.28	20.28	20.21		
15	16QAM	1	74	20.27	20.19	20.27	21.3	0
15	16QAM	38	0	20.10	20.18	20.16		
15	16QAM	38	20	20.21	20.23	20.22		
15	16QAM	38	39	20.22	20.16	20.21	21.3	0
15	16QAM	75	0	20.17	20.19	20.19		
15	64QAM	1	0	20.05	20.13	20.04		
15	64QAM	1	37	20.21	20.14	20.18	21.3	0
15	64QAM	1	74	20.18	20.05	20.19		
15	64QAM	38	0	19.64	19.70	19.68		
15	64QAM	38	20	19.75	19.75	19.72	20.8	0.5
15	64QAM	38	39	19.74	19.69	19.75		
15	64QAM	75	0	19.69	19.71	19.69		
Channel				20800	21100	21400	21.3	0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.07	20.19	20.12	21.3	0
10	QPSK	1	25	20.21	20.21	20.20		
10	QPSK	1	49	20.16	20.16	20.25		
10	QPSK	25	0	20.06	20.19	20.28	21.3	0
10	QPSK	25	12	20.16	20.22	20.26		
10	QPSK	25	25	20.26	20.17	20.19		
10	QPSK	50	0	20.24	20.25	20.24	21.3	0
10	16QAM	1	0	20.17	20.26	20.21		
10	16QAM	1	25	20.28	20.26	20.28		
10	16QAM	1	49	20.27	20.19	20.20	21.3	0
10	16QAM	25	0	20.10	20.22	20.27		
10	16QAM	25	12	20.20	20.25	20.28		
10	16QAM	25	25	20.29	20.16	20.22	21.3	0
10	16QAM	50	0	20.23	20.25	20.25		
10	64QAM	1	0	20.05	20.15	20.09		
10	64QAM	1	25	20.16	20.17	20.16	21.3	0
10	64QAM	1	49	20.16	20.10	20.19		
10	64QAM	25	0	19.61	19.72	19.77		
10	64QAM	25	12	19.72	19.74	19.78	20.8	0.5
10	64QAM	25	25	19.80	19.67	19.72		
10	64QAM	50	0	19.75	19.74	19.77		
Channel				20775	21100	21425	21.3	0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.09	20.19	20.18	21.3	0
5	QPSK	1	12	20.15	20.21	20.25		
5	QPSK	1	24	20.19	20.18	20.26		
5	QPSK	12	0	20.11	20.22	20.20	21.3	0
5	QPSK	12	7	20.16	20.19	20.26		
5	QPSK	12	13	20.20	20.15	20.22		
5	QPSK	25	0	20.19	20.20	20.25	21.3	0
5	16QAM	1	0	20.21	20.25	20.21		
5	16QAM	1	12	20.27	20.25	20.27		
5	16QAM	1	24	20.28	20.22	20.27	21.3	0
5	16QAM	12	0	20.14	20.23	20.21		
5	16QAM	12	7	20.18	20.17	20.27		
5	16QAM	12	13	20.20	20.14	20.20	21.3	0
5	16QAM	25	0	20.23	20.22	20.26		
5	64QAM	1	0	20.11	20.16	20.13		
5	64QAM	1	12	20.14	20.17	20.23	21.3	0
5	64QAM	1	24	20.19	20.12	20.21		
5	64QAM	12	0	19.65	19.75	19.85		
5	64QAM	12	7	19.70	19.73	19.79	20.8	0.5
5	64QAM	12	13	19.74	19.69	19.74		
5	64QAM	25	0	19.72	19.70	19.77		



Power Level for Body-worn -LAT								
Band 7 (2600MHz Band)								
Part 27								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.34	21.35	21.30	22.3	0
20	QPSK	1	49	21.52	21.54	21.55		
20	QPSK	1	99	21.42	21.42	21.52		
20	QPSK	50	0	21.47	21.42	21.43	22.3	0
20	QPSK	50	24	21.51	21.54	21.53		
20	QPSK	50	50	21.50	21.39	21.45		
20	QPSK	100	0	21.50	21.51	21.50	22.3	0
20	16QAM	1	0	21.45	21.53	21.39		
20	16QAM	1	49	21.49	21.53	21.51		
20	16QAM	1	99	21.50	21.49	21.53	21.8	0.5
20	16QAM	50	0	20.94	20.90	20.93		
20	16QAM	50	24	21.09	21.03	21.01		
20	16QAM	50	50	20.98	20.89	20.91	21.8	0.5
20	16QAM	100	0	21.02	21.00	20.97		
20	64QAM	1	0	20.93	21.01	20.93		
20	64QAM	1	49	21.16	21.14	21.10	21.8	0.5
20	64QAM	1	99	21.04	21.04	21.12		
20	64QAM	50	0	19.94	19.87	19.90		
20	64QAM	50	24	20.06	20.02	19.99	20.8	1.5
20	64QAM	50	50	19.98	19.87	19.90		
20	64QAM	100	0	19.97	19.98	19.97		
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.24	21.34	21.28	22.3	0
15	QPSK	1	37	21.41	21.44	21.45		
15	QPSK	1	74	21.36	21.36	21.46		
15	QPSK	36	0	21.24	21.39	21.35	22.3	0
15	QPSK	36	20	21.37	21.42	21.38		
15	QPSK	36	39	21.38	21.34	21.39		
15	QPSK	75	0	21.35	21.43	21.39	22.3	0
15	16QAM	1	0	21.43	21.52	21.42		
15	16QAM	1	37	21.43	21.54	21.46		
15	16QAM	1	74	21.53	21.44	21.53	21.8	0.5
15	16QAM	36	0	20.90	20.99	20.94		
15	16QAM	36	20	20.97	21.01	21.00		
15	16QAM	36	39	21.00	20.95	21.01	21.8	0.5
15	16QAM	75	0	20.97	20.98	20.98		
15	64QAM	1	0	21.02	21.09	21.05		
15	64QAM	1	37	21.16	21.11	21.17	21.8	0.5
15	64QAM	1	74	21.14	21.05	21.16		
15	64QAM	36	0	19.93	20.00	19.96		
15	64QAM	36	20	20.02	20.04	20.03	20.8	1.5
15	64QAM	36	39	20.02	19.97	20.01		
15	64QAM	75	0	19.99	19.99	19.98		
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.26	21.39	21.33	22.3	0
10	QPSK	1	25	21.41	21.45	21.43		
10	QPSK	1	49	21.37	21.38	21.47		
10	QPSK	25	0	21.25	21.38	21.46	22.3	0
10	QPSK	25	12	21.35	21.43	21.47		
10	QPSK	25	25	21.46	21.36	21.42		
10	QPSK	50	0	21.42	21.43	21.46	22.3	0
10	16QAM	1	0	21.45	21.53	21.48		
10	16QAM	1	25	21.48	21.54	21.53		
10	16QAM	1	49	21.52	21.45	21.47	21.8	0.5
10	16QAM	25	0	20.89	21.02	21.08		
10	16QAM	25	12	20.97	21.06	21.08		
10	16QAM	25	25	21.07	20.98	21.01	21.8	0.5
10	16QAM	50	0	21.02	21.05	21.03		
10	64QAM	1	0	21.08	21.10	21.09		
10	64QAM	1	25	21.19	21.12	21.16	21.8	0.5
10	64QAM	1	49	21.17	21.06	21.19		
10	64QAM	25	0	19.90	20.00	20.05		
10	64QAM	25	12	20.00	20.05	20.07	20.8	1.5
10	64QAM	25	25	20.06	19.97	20.00		
10	64QAM	50	0	20.05	20.02	20.03		
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.34	21.45	21.44	22.3	0
5	QPSK	1	12	21.40	21.49	21.51		
5	QPSK	1	24	21.44	21.46	21.51		
5	QPSK	12	0	21.35	21.48	21.51	22.3	0
5	QPSK	12	7	21.40	21.42	21.50		
5	QPSK	12	13	21.43	21.40	21.45		
5	QPSK	25	0	21.42	21.42	21.49	22.3	0
5	16QAM	1	0	21.51	21.45	21.51		
5	16QAM	1	12	21.54	21.48	21.46		
5	16QAM	1	24	21.50	21.50	21.43	21.8	0.5
5	16QAM	12	0	20.94	21.05	21.10		
5	16QAM	12	7	20.98	20.98	21.07		
5	16QAM	12	13	21.00	20.97	21.04	21.8	0.5
5	16QAM	25	0	21.05	21.02	21.12		
5	64QAM	1	0	21.11	21.15	21.16		
5	64QAM	1	12	21.16	21.18	21.23	21.8	0.5
5	64QAM	1	24	21.19	21.11	21.24		
5	64QAM	12	0	19.99	20.07	20.17		
5	64QAM	12	7	20.03	20.03	20.10	20.8	1.5
5	64QAM	12	13	20.06	20.00	20.06		
5	64QAM	25	0	20.02	20.02	20.11		

UL CA Power

CA_7C											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	50	24	0	0	1	0	Reduced Power Level 1 for Head -UAT	15.35	16.30
21100	20902	QPSK	50	24	0	0	1	0	Reduced Power Level 1 for Head -UAT	15.42	16.30
21350	21152	QPSK	50	24	0	0	1	0	Reduced Power Level 1 for Head -UAT	15.46	16.30
20850	21048	QPSK	50	24	0	0	1	0	Reduced Power Level 2 for Head -UAT	13.87	14.80
21100	20902	QPSK	50	24	0	0	1	0	Reduced Power Level 2 for Head -UAT	13.95	14.80
21350	21152	QPSK	50	24	0	0	1	0	Reduced Power Level 2 for Head -UAT	13.99	14.80
20850	21048	QPSK	50	24	0	0	1	0	Power Level for Hotspot -UAT	17.77	18.80
21100	20902	QPSK	50	24	0	0	1	0	Power Level for Hotspot -UAT	17.85	18.80
21350	21152	QPSK	50	24	0	0	1	0	Power Level for Hotspot -UAT	17.93	18.80
20850	21048	QPSK	50	24	0	0	1	0	Power Level for Body-worn -UAT	19.96	20.80
21100	20902	QPSK	50	24	0	0	1	0	Power Level for Body-worn -UAT	19.88	20.80
21350	21152	QPSK	50	24	0	0	1	0	Power Level for Body-worn -UAT	20.01	20.80
20850	21048	QPSK	1	49	0	0	1	0	Power Level for Head/Hotspot/Body-worn -LAT	22.65	23.80
21100	20902	QPSK	1	49	0	0	1	0	Power Level for Head/Hotspot/Body-worn -LAT	22.72	23.80
21350	21152	QPSK	1	49	0	0	1	0	Power Level for Head/Hotspot/Body-worn -LAT	22.80	23.80

CA_38C											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	50	24	0	0	1	0	Reduced Power Level 1 for Head -UAT	17.72	18.30
37901	38099	QPSK	50	24	0	0	1	0	Reduced Power Level 1 for Head -UAT	17.62	18.30
38150	37952	QPSK	50	24	0	0	1	0	Reduced Power Level 1 for Head -UAT	17.74	18.30
37850	38048	QPSK	50	24	0	0	1	0	Reduced Power Level 2 for Head -UAT	16.08	16.80
37901	38099	QPSK	50	24	0	0	1	0	Reduced Power Level 2 for Head -UAT	16.10	16.80
38150	37952	QPSK	50	24	0	0	1	0	Reduced Power Level 2 for Head -UAT	16.23	16.80
37850	38048	QPSK	50	24	0	0	1	0	Power Level for Hotspot -UAT	20.48	21.30
37901	38099	QPSK	50	24	0	0	1	0	Power Level for Hotspot -UAT	20.47	21.30
38150	37952	QPSK	50	24	0	0	1	0	Power Level for Hotspot -UAT	20.59	21.30
37850	38048	QPSK	50	24	0	0	1	0	Power Level for Body-worn -UAT	22.11	22.80
37901	38099	QPSK	50	24	0	0	1	0	Power Level for Body-worn -UAT	22.05	22.80
38150	37952	QPSK	50	24	0	0	1	0	Power Level for Body-worn -UAT	22.14	22.80
37850	38048	QPSK	1	49	0	0	1	0	Power Level for Head/Hotspot/Body-worn -LAT	23.38	24.30
37901	38099	QPSK	1	49	0	0	1	0	Power Level for Head/Hotspot/Body-worn -LAT	23.40	24.30
38150	37952	QPSK	1	49	0	0	1	0	Power Level for Head/Hotspot/Body-worn -LAT	23.42	24.30

CA_41C											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
40185	39987	QPSK	50	24	0	0	1	0	Reduced Power Level 1 for Head -UAT	17.74	18.30
40620	40422	QPSK	50	24	0	0	1	0	Reduced Power Level 1 for Head -UAT	17.85	18.30
41055	40857	QPSK	50	24	0	0	1	0	Reduced Power Level 1 for Head -UAT	17.81	18.30
41490	41292	QPSK	50	24	0	0	1	0	Reduced Power Level 1 for Head -UAT	17.82	18.30
40185	39987	QPSK	50	24	0	0	1	0	Reduced Power Level 2 for Head -UAT	16.16	16.80
40620	40422	QPSK	50	24	0	0	1	0	Reduced Power Level 2 for Head -UAT	16.24	16.80
41055	40857	QPSK	50	24	0	0	1	0	Reduced Power Level 2 for Head -UAT	16.16	16.80
41490	41292	QPSK	50	24	0	0	1	0	Reduced Power Level 2 for Head -UAT	16.19	16.80
40185	39987	QPSK	50	24	0	0	1	0	Power Level for Hotspot -UAT	20.61	21.30
40620	40422	QPSK	50	24	0	0	1	0	Power Level for Hotspot -UAT	20.65	21.30
41055	40857	QPSK	50	24	0	0	1	0	Power Level for Hotspot -UAT	20.63	21.30
41490	41292	QPSK	50	24	0	0	1	0	Power Level for Hotspot -UAT	20.61	21.30
40185	39987	QPSK	50	24	0	0	1	0	Power Level for Body-worn -UAT	20.20	22.80
40620	40422	QPSK	50	24	0	0	1	0	Power Level for Body-worn -UAT	22.24	22.80
41055	40857	QPSK	50	24	0	0	1	0	Power Level for Body-worn -UAT	22.17	22.80
41490	41292	QPSK	50	24	0	0	1	0	Power Level for Body-worn -UAT	22.19	22.80
40185	39987	QPSK	1	49	0	0	1	0	Power Level for Head/Hotspot/Body-worn -LAT	23.58	24.30
40620	40422	QPSK	1	49	0	0	1	0	Power Level for Head/Hotspot/Body-worn -LAT	23.63	24.30
41055	40857	QPSK	1	49	0	0	1	0	Power Level for Head/Hotspot/Body-worn -LAT	23.59	24.30
41490	41292	QPSK	1	49	0	0	1	0	Power Level for Head/Hotspot/Body-worn -LAT	23.61	24.30



DL CA Full Power

2CC		Configure	CA Configuration (BCS)	PCC					SCC				Power			
Intra-Band	Configuuous			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)
			CA_41A-41A	41	20	2593	40620	QPSK	1	49	41	5	2687.5	41565	23.35	23.67
			CA_7B	7	20	2562.5	21375	QPSK	1	49	7	5	2678.20	3332	22.62	22.86
			CA_7C	7	20	2560	21350	QPSK	1	49	7	20	2660.20	3152	22.75	22.86
			CA_38C	38	20	2580	37850	QPSK	1	49	38	20	2599.80	38048	23.12	23.49
			CA_41C	41	20	2593	40620	QPSK	1	49	41	20	2612.80	40818	23.52	23.67

3CC		Configure	CA Configuration (BCS)	PCC					SCC1				SCC2				Power			
Intra-Band				LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
			CA_5A-7A-7A	5	10	829	20450	QPSK	1	25	7	20	2680	3350	7	20	2630	2850	24.35	24.38
				7	20	2560	21350	QPSK	1	49	7	10	2645	3000	5	10	881.5	2525	22.81	22.86



Reduced Power Level 1 for Head -UAT

2CC		Configure	CA Configuration (BCS)	PCC					SCC				Power		
Intra-Band	Contiguous			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)
				CA_41A-41A	41	20	2593	40620	QPSK	1	49	41	5	2687.5	41565
		CA_7B	7	20	2562.5	21375	QPSK	1	49	7	5	2678.20	3332	15.25	15.49
		CA_7C	7	20	2560	21350	QPSK	1	49	7	20	2660.20	3152	15.31	15.49
		CA_38C	38	20	2580	37850	QPSK	1	49	38	20	2599.80	38048	17.39	17.63
		CA_41C	41	20	2593	40620	QPSK	1	49	41	20	2612.80	40818	17.22	17.79

3CC		Configure	CA Configuration (BCS)	PCC					SCC1				SCC2				Power		
Intra-Band				LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)
				CA_5A-7A-7A	5	10	829	20450	QPSK	1	25	7	20	2680	3350	7	20	2630	2850
		7	20		2560	21350	QPSK	1	49	7	10	2645	3000	5	10	881.5	2525	15.39	15.49



Reduced Power Level 2 for Head -UAT

2CC		PCC							SCC				Power		
Configure		CA Configuration (BCS)	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)
Intra-Band	Contiguous	CA_41A-41A	41	20	2593	40620	QPSK	1	49	41	5	2687.5	41565	15.76	16.20
		CA_7B	7	20	2562.5	21375	QPSK	1	49	7	5	2678.20	3332	13.69	13.99
		CA_7C	7	20	2560	21350	QPSK	1	49	7	20	2660.20	3152	13.78	13.99
		CA_38C	38	20	2580	37850	QPSK	1	49	38	20	2599.80	38048	15.76	16.07
		CA_41C	41	20	2593	40620	QPSK	1	49	41	20	2612.80	40818	15.74	16.20

3CC		PCC							SCC1				SCC2				Power		
Configure		CA Configuration (BCS)	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Intra-Band	CA_5A-7A-7A	5	10	829	20450	QPSK	1	25	25	7	20	2680	3350	7	20	2630	2850	18.34	18.40
		7	20	2560	21350	QPSK	1	49	49	7	10	2645	3000	5	10	881.5	2525	13.87	13.99



Power Level for Hotspot -UAT

2CC		CA Configuration (BCS)	PCC						SCC				Power		
Configure	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)	
Intra-Band	Contiguous	CA_41A-41A	41	20	2593	40620	QPSK	1	49	41	5	2687.5	41565	20.31	20.78
		CA_7B	7	20	2562.5	21375	QPSK	1	49	7	5	2678.20	3332	17.79	17.92
		CA_7C	7	20	2560	21350	QPSK	1	49	7	20	2660.20	3152	17.83	17.92
		CA_38C	38	20	2580	37850	QPSK	1	49	38	20	2599.80	38048	20.18	20.47
		CA_41C	41	20	2593	40620	QPSK	1	49	41	20	2612.80	40818	20.34	20.78

3CC		CA Configuration (BCS)	PCC						SCC1				SCC2				Power	
Configure	LTE Band		BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Intra-Band	CA_5A-7A-7A	5	10	829	20450	QPSK	1	25	7	20	2680	3350	7	20	2630	2850	24.35	24.38
		7	20	2560	21350	QPSK	1	49	7	10	2645	3000	5	10	881.5	2525	17.85	17.92



Power Level for Body-worn -UAT

2CC		Configure	CA Configuration (BCS)	PCC					SCC				Power		
Intra-Band	Contiguous			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)
				CA_41A-41A	41	20	2593	40620	QPSK	1	49	41	5	2687.5	41565
		CA_7B	7	20	2562.5	21375	QPSK	1	49	7	5	2678.20	3332	19.89	20.08
		CA_7C	7	20	2560	21350	QPSK	1	49	7	20	2660.20	3152	19.91	20.08
		CA_38C	38	20	2580	37850	QPSK	1	49	38	20	2599.80	38048	21.78	22.06
		CA_41C	41	20	2593	40620	QPSK	1	49	41	20	2612.80	40818	21.67	22.18

3CC		Configure	CA Configuration (BCS)	PCC					SCC1				SCC2				Power		
Intra-Band				LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)
				CA_5A-7A-7A	5	10	829	20450	QPSK	1	25	7	20	2680	3350	7	20	2630	2850
		7	20		2560	21350	QPSK	1	49	7	10	2645	3000	5	10	881.5	2525	19.99	20.08



Power Level for Head -LAT

2CC		CA Configuration (BCS)	PCC						SCC				Power		
Configure			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)
Intra-Band	Contiguous	CA_41A-41A	41	20	2593	40620	QPSK	1	49	41	5	2687.5	41565	23.35	23.67
		CA_7B	7	20	2562.5	21375	QPSK	1	49	7	5	2678.20	3332	22.62	22.86
		CA_7C	7	20	2560	21350	QPSK	1	49	7	20	2660.20	3152	22.75	22.86
		CA_38C	38	20	2580	37850	QPSK	1	49	38	20	2599.80	38048	23.12	23.49
		CA_41C	41	20	2593	40620	QPSK	1	49	41	20	2612.80	40818	23.52	23.67

3CC		CA Configuration (BCS)	PCC						SCC1				SCC2				Power		
Configure			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Intra-Band		CA_5A-7A-7A	5	10	829	20450	QPSK	1	25	7	20	2680	3350	7	20	2630	2850	24.35	24.38
			7	20	2560	21350	QPSK	1	49	7	10	2645	3000	5	10	881.5	2525	22.81	22.86



Power Level for Hotspot -LAT

2CC		CA Configuration (BCS)	PCC						SCC				Power		
Configure	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)	
Intra-Band	Contiguous	CA_41A-41A	41	20	2593	40620	QPSK	1	49	41	5	2687.5	41565	23.35	23.67
		CA_7B	7	20	2562.5	21375	QPSK	1	49	7	5	2678.20	3332	22.62	22.86
		CA_7C	7	20	2560	21350	QPSK	1	49	7	20	2660.20	3152	22.75	22.86
		CA_38C	38	20	2580	37850	QPSK	1	49	38	20	2599.80	38048	23.12	23.49
		CA_41C	41	20	2593	40620	QPSK	1	49	41	20	2612.80	40818	23.52	23.67

3CC		CA Configuration (BCS)	PCC						SCC1				SCC2				Power	
Configure	LTE Band		BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Intra-Band	CA_5A-7A-7A	5	10	829	20450	QPSK	1	25	7	20	2680	3350	7	20	2630	2850	24.35	24.38
		7	20	2560	21350	QPSK	1	49	7	10	2645	3000	5	10	881.5	2525	22.81	22.86



Power Level for Body-worn -LAT

2CC		CA Configuration (BCS)	PCC						SCC				Power		
Configure	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)	
Intra-Band	Contiguous	CA_41A-41A	41	20	2593	40620	QPSK	1	49	41	5	2687.5	41565	23.35	23.67
		CA_7B	7	20	2562.5	21375	QPSK	1	49	7	5	2678.20	3332	22.62	22.86
		CA_7C	7	20	2560	21350	QPSK	1	49	7	20	2660.20	3152	22.75	22.86
		CA_38C	38	20	2580	37850	QPSK	1	49	38	20	2599.80	38048	23.12	23.49
		CA_41C	41	20	2593	40620	QPSK	1	49	41	20	2612.80	40818	23.52	23.67

3CC		CA Configuration (BCS)	PCC						SCC1				SCC2				Power	
Configure	LTE Band		BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Intra-Band	CA_5A-7A-7A	5	10	829	20450	QPSK	1	25	7	20	2680	3350	7	20	2630	2850	24.35	24.38
		7	20	2560	21350	QPSK	1	49	7	10	2645	3000	5	10	881.5	2525	22.81	22.86



WLAN Full Power Mode

2.4GHz WLAN		Apt 1				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	
802.11a 18Mbps	1	2412	18.80	18.30	93.31	
	6	2437	18.30	18.30		
	11	2462	18.80	18.30		
	1	2412	11.30	12.80		
	2	2417	16.10	17.60		
	6	2437	17.80	18.30		
802.11g 6Mbps	6	2437	17.80	18.30	96.77	
	9	2452	17.80	18.30		
	13	2457	14.40	15.90		
	11	2462	12.20	13.70		
	1	2412	11.10	12.60		
	2	2417	16.80	18.30		
802.11n HT20 MCS0	6	2437	17.80	18.30	95.55	
	9	2452	17.30	18.30		
	13	2457	14.20	15.70		
	11	2462	12.00	13.50		
	1	2412	11.10	12.60		
	2	2417	16.80	18.30		
802.11n HT40 MCS0	3	2422	14.00	15.50	93.31	
	6	2437	14.00	15.50		
	9	2452	12.70	14.20		

5GHz WLAN		Apt 1				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	
802.11a 6Mbps	36	5180	17.79	18.00	95.79	
	40	5200	17.86	18.00		
	44	5220	18.00	18.00		
802.11n HT20 MCS0	40	5200	17.56	18.00	95.98	
	36	5180	17.56	18.00		
	44	5220	17.76	18.00		
802.11n HT40 MCS0	40	5200	17.75	18.00	93.73	
	48	5240	17.71	18.00		
	36	5180	16.46	17.96		
802.11ac VHT20 MCS0	40	5200	17.71	18.00	95.16	
	44	5220	17.72	18.00		
	48	5240	17.57	18.00		
802.11ac VHT40 MCS0	36	5180	16.44	17.94	93.59	
	40	5200	17.18	18.00		
	42	5210	9.99	11.49		

5GHz WLAN		Apt 1				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	
802.11a 6Mbps	52	5250	18.00	18.00	95.79	
	56	5260	18.00	18.00		
	60	5270	18.62	18.00		
802.11n HT20 MCS0	52	5250	18.50	18.00	95.98	
	60	5270	18.40	18.00		
	64	5320	18.40	18.00		
802.11n HT40 MCS0	54	5270	17.50	18.00	93.73	
	60	5270	11.17	12.67		
	52	5250	18.47	18.00		
802.11ac VHT20 MCS0	56	5260	18.42	18.00	95.16	
	60	5270	18.37	18.00		
	64	5320	18.39	18.00		
802.11ac VHT40 MCS0	54	5270	17.68	18.00	93.36	
	60	5270	11.06	12.56		
	58	5280	12.07	13.57		

5GHz WLAN		Apt 1				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	
802.11a 6Mbps	100	5500	18.20	18.00	95.79	
	116	5580	18.31	18.00		
	124	5620	18.40	18.00		
	140	5700	18.74	18.00		
802.11n HT20 MCS0	100	5500	17.95	18.00	95.98	
	116	5580	18.10	18.00		
	124	5620	18.24	18.00		
	140	5700	18.17	18.00		
802.11n HT40 MCS0	102	5510	13.23	14.73	93.73	
	110	5550	17.33	18.00		
	126	5630	17.37	18.00		
	134	5670	17.55	18.00		
802.11ac VHT20 MCS0	100	5500	17.92	18.00	95.16	
	116	5580	18.07	18.00		
	132	5660	18.25	18.00		
	148	5740	18.12	18.00		
802.11ac VHT40 MCS0	102	5510	13.21	14.71	93.36	
	110	5550	17.28	18.00		
	126	5630	17.35	18.00		
	134	5670	17.48	18.00		
802.11ac VHT80 MCS0	108	5520	16.38	17.88	95.19	
	122	5610	16.41	18.00		
	130	5640	16.41	18.00		

5GHz WLAN		Apt 1				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	
802.11a 6Mbps	148	5745	18.47	18.00	95.79	
	152	5765	18.56	18.00		
	166	5825	18.40	18.00		
802.11n HT20 MCS0	148	5745	18.38	18.00	95.98	
	152	5765	18.42	18.00		
	166	5825	18.34	18.00		
802.11n HT40 MCS0	151	5755	17.71	18.00	93.73	
	159	5795	17.73	18.00		
	148	5745	16.33	18.00		
802.11ac VHT20 MCS0	152	5765	18.41	18.00	95.16	
	166	5825	18.30	18.00		
	151	5755	17.70	18.00		
802.11ac VHT40 MCS0	159	5795	17.72	18.00	93.36	
	166	5820	16.38	17.88		
	150	5775	16.46	18.00		



Reduced Power Level 1 for Head

2.4GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11b 1Mbps	1	2412	18.80	17.50	99.31	
	6	2437	17.20	17.50		
	11	2462	18.80	17.50		
802.11g 6Mbps	1	2412	9.30	10.80	96.77	
	2	2417	14.10	15.60		
	6	2437	15.80	17.00		
	9	2452	15.50	17.00		
	10	2457	12.40	13.90		
802.11n-HT20 MCS9	1	2412	8.10	10.60	96.55	
	2	2417	14.80	16.90		
	6	2437	16.80	17.00		
	9	2452	16.30	17.00		
	10	2457	12.20	13.70		
802.11n-HT40 MCS9	3	2422	12.00	13.50	93.31	
	6	2437	12.60	14.10		
	9	2452	10.70	12.20		

5GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	36	5180	8.79	10.00	96.79	
	40	5200	8.96	10.00		
	44	5220	9.02	10.00		
	48	5240	8.86	10.00		
802.11n-HT20 MCS9	36	5180	8.56	10.00	96.98	
	40	5200	8.76	10.00		
	44	5220	8.75	10.00		
	48	5240	8.71	10.00		
802.11n-HT40 MCS9	38	5190	3.49	4.99	93.73	
	46	5230	8.20	9.50		
802.11ac-VHT20 MCS9	36	5180	8.92	10.00	96.16	
	40	5200	8.71	10.00		
	44	5220	8.72	10.00		
	48	5240	8.67	10.00		
802.11ac-VHT40 MCS9	38	5190	3.44	4.94	93.36	
	46	5230	8.18	9.50		
802.11ac-VHT80 MCS9	42	5210	2.99	4.49	88.19	

5GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	52	5260	9.66	10.00	96.79	
	56	5280	9.65	10.00		
	60	5300	9.62	10.00		
	64	5320	9.64	10.00		
802.11n-HT20 MCS9	52	5260	9.50	10.00	96.98	
	56	5280	9.43	10.00		
	60	5300	9.40	10.00		
	64	5320	9.45	10.00		
802.11n-HT40 MCS9	54	5270	8.93	9.50	93.73	
	62	5310	4.17	5.67		
802.11ac-VHT20 MCS9	52	5260	9.47	10.00	96.16	
	56	5280	9.42	10.00		
	60	5300	9.37	10.00		
	64	5320	9.39	10.00		
802.11ac-VHT40 MCS9	54	5270	8.88	9.50	93.36	
	62	5310	4.09	5.59		
802.11ac-VHT80 MCS9	58	5290	5.07	6.57	88.19	

5GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	100	5500	9.20	10.00	96.79	
	116	5580	9.31	10.00		
	124	5620	9.40	10.00		
	132	5660	9.44	10.00		
	140	5700	9.39	10.00		
802.11n-HT20 MCS9	100	5500	8.95	10.00	96.98	
	116	5580	9.10	10.00		
	124	5620	9.24	10.00		
	132	5660	9.26	10.00		
	140	5700	9.17	10.00		
802.11n-HT40 MCS9	102	5510	6.23	7.73	93.73	
	110	5550	8.33	9.50		
	126	5630	8.37	8.50		
802.11ac-VHT20 MCS9	134	5670	8.55	9.50	96.16	
	100	5500	8.92	10.00		
	116	5580	9.07	10.00		
	124	5620	9.23	10.00		
	132	5660	9.25	10.00		
802.11ac-VHT40 MCS9	102	5510	6.21	7.71	93.36	
	110	5550	8.28	9.50		
	126	5630	8.30	9.50		
802.11ac-VHT80 MCS9	134	5670	8.49	9.50	88.19	
	106	5530	3.36	4.86		
802.11ac-VHT80 MCS9	122	5610	6.41	9.50		

5GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	149	5745	9.47	10.00	96.79	
	157	5785	9.56	10.00		
	165	5825	9.40	10.00		
802.11n-HT20 MCS9	149	5745	9.36	10.00	96.98	
	157	5785	9.42	10.00		
	165	5825	9.34	10.00		
802.11n-HT40 MCS9	151	5755	8.71	10.00	93.73	
	159	5795	8.73	10.00		
802.11ac-VHT20 MCS9	149	5745	9.32	10.00	96.16	
	157	5785	9.41	10.00		
	165	5825	9.30	10.00		
802.11ac-VHT40 MCS9	151	5755	8.70	10.00	93.36	
	159	5795	8.72	10.00		
802.11ac-VHT80 MCS9	165	5775	9.40	10.00	88.19	



Reduced Power Level 2 for Head

2.4GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11b 1Mbps	1	2412	11.30	12.00	99.31	
	6	2437	11.70	12.00		
	11	2462	11.30	12.00		
802.11g 6Mbps	1	2412	3.80	5.30	96.77	
	2	2417	8.60	10.10		
	6	2437	10.30	11.50		
	9	2452	10.00	11.50		
	10	2457	6.90	8.40		
	11	2462	4.70	6.20		
802.11n-HT20 MCS0	1	2412	3.60	5.10	96.55	
	2	2417	9.30	10.80		
	6	2437	10.10	11.50		
	9	2452	9.80	11.50		
	10	2457	6.70	8.20		
802.11n-HT40 MCS0	3	2422	6.50	8.00	93.31	
	6	2437	7.10	8.60		
	9	2452	5.20	6.70		

5GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	36	5180	6.79	8.00	96.79	
	40	5200	6.96	8.00		
	44	5220	7.02	8.00		
	48	5240	6.86	8.00		
802.11n-HT20 MCS0	36	5180	6.56	8.00	96.98	
	40	5200	6.76	8.00		
	44	5220	6.75	8.00		
802.11n-HT40 MCS0	48	5240	6.71	8.00	93.73	
	38	5190	3.49	-4.99		
	46	5230	6.20	7.50		
802.11ac-VHT20 MCS0	36	5180	6.52	8.00	96.16	
	40	5200	6.71	8.00		
	44	5220	6.72	8.00		
	48	5240	6.67	8.00		
802.11ac-VHT40 MCS0	38	5190	3.44	-4.94	93.36	
	46	5230	6.18	7.50		
802.11ac-VHT80 MCS0	42	5210	2.99	-4.49	88.19	

5GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	52	5260	7.66	8.00	96.79	
	56	5280	7.65	8.00		
	60	5300	7.62	8.00		
	64	5320	7.64	8.00		
802.11n-HT20 MCS0	52	5260	7.50	8.00	96.98	
	56	5280	7.43	8.00		
	60	5300	7.40	8.00		
802.11n-HT40 MCS0	64	5320	7.45	8.00	93.73	
	54	5270	6.93	7.50		
	62	5310	4.17	5.67		
802.11ac-VHT20 MCS0	52	5260	7.47	8.00	96.16	
	56	5280	7.42	8.00		
	60	5300	7.37	8.00		
	64	5320	7.39	8.00		
802.11ac-VHT40 MCS0	54	5270	6.88	7.50	93.36	
	62	5310	4.08	5.58		
802.11ac-VHT80 MCS0	58	5290	5.07	6.07	88.19	

5GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	100	5500	7.20	8.00	96.79	
	116	5580	7.31	8.00		
	124	5620	7.40	8.00		
	132	5660	7.44	8.00		
	140	5700	7.39	8.00		
802.11n-HT20 MCS0	100	5500	6.95	8.00	96.98	
	116	5580	7.10	8.00		
	124	5620	7.24	8.00		
	132	5660	7.26	8.00		
	140	5700	7.17	8.00		
802.11n-HT40 MCS0	102	5510	6.23	7.50	93.73	
	110	5550	6.33	7.50		
	126	5630	6.37	7.50		
	134	5670	6.55	7.50		
802.11ac-VHT20 MCS0	100	5500	6.92	8.00	96.16	
	116	5580	7.07	8.00		
	124	5620	7.23	8.00		
	132	5660	7.25	8.00		
	140	5700	7.12	8.00		
802.11ac-VHT40 MCS0	102	5510	6.21	7.50	93.36	
	110	5550	6.28	7.50		
	126	5630	6.35	7.50		
	134	5670	6.49	7.50		
802.11ac-VHT80 MCS0	106	5530	3.36	4.86	88.19	
	122	5610	7.41	7.50		

5GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	149	5745	7.47	8.00	96.79	
	157	5785	7.56	8.00		
	165	5825	7.40	8.00		
802.11n-HT20 MCS0	149	5745	7.36	8.00	96.98	
	157	5785	7.42	8.00		
	165	5825	7.34	8.00		
802.11n-HT40 MCS0	151	5755	6.71	8.00	93.73	
	159	5795	6.73	8.00		
802.11ac-VHT20 MCS0	149	5745	7.32	8.00	96.16	
	157	5785	7.41	8.00		
	165	5825	7.30	8.00		
802.11ac-VHT40 MCS0	151	5755	6.70	8.00	93.36	
	159	5795	6.72	8.00		
802.11ac-VHT80 MCS0	155	5775	7.40	8.00	88.19	

Power Level for Hotspot

2.4GHz WLAN		Ant 1				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11b 1Mbps	1	2412	18.80	19.50	99.31	
	6	2437	19.20	19.50		
	11	2462	18.80	19.50		
802.11g 6Mbps	1	2412	11.30	12.80	96.77	
	2	2417	16.10	17.60		
	6	2437	17.80	19.00		
	9	2452	17.50	19.00		
	10	2457	14.40	15.90		
	11	2462	12.20	13.70		
802.11n-HT20 MCS0	1	2412	11.10	12.60	96.55	
	2	2417	16.80	18.30		
	6	2437	17.60	19.00		
	9	2452	17.30	19.00		
	10	2457	14.20	15.70		
	11	2462	12.00	13.50		
802.11n-HT40 MCS0	3	2422	14.00	15.50	93.31	
	6	2437	14.60	16.10		
	9	2452	12.70	14.20		

5GHz WLAN		Ant 1				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	149	5745	12.47	13.00	96.79	
	157	5785	12.56	13.00		
	165	5825	12.40	13.00		
802.11n-HT20 MCS0	149	5745	12.36	13.00	96.98	
	157	5785	12.42	13.00		
	165	5825	12.34	13.00		
802.11n-HT40 MCS0	151	5755	11.71	13.00	93.73	
	159	5795	11.73	13.00		
802.11ac-VHT20 MCS0	149	5745	12.32	13.00	96.16	
	157	5785	12.41	13.00		
	165	5825	12.30	13.00		
802.11ac-VHT40 MCS0	151	5755	11.70	13.00	93.36	
	159	5795	11.72	13.00		
802.11ac-VHT80 MCS0	155	5775	12.40	13.00	88.19	



Power Level for Body-worn/Product Specific

2.4GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11b 1Mbps	1	2412	18.80	19.50	99.31	
	6	2437	19.20	19.50		
	11	2462	18.80	19.50		
802.11g 6Mbps	1	2412	11.30	12.80	96.77	
	2	2417	16.10	17.60		
	6	2437	17.80	19.00		
	9	2452	17.50	19.00		
	10	2457	14.40	15.90		
	11	2462	12.20	13.70		
802.11n-HT20 MCS0	1	2412	11.10	12.60	96.55	
	2	2417	16.80	18.30		
	6	2437	17.60	19.00		
	9	2452	17.30	19.00		
	10	2457	14.20	15.70		
	11	2462	12.00	13.50		
802.11n-HT40 MCS0	3	2422	14.00	15.50	93.31	
	6	2437	14.60	16.10		
	9	2452	12.70	14.20		

5GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	36	5180	15.79	17.00	96.79	
	40	5200	15.96	17.00		
	44	5220	16.02	17.00		
	48	5240	15.86	17.00		
	52	5260	15.56	17.00		
802.11n-HT20 MCS0	36	5180	15.56	17.00	96.98	
	40	5200	15.76	17.00		
	44	5220	15.75	17.00		
	48	5240	15.71	17.00		
802.11n-HT40 MCS0	38	5190	8.49	9.99	93.73	
	46	5230	15.20	16.50		
802.11ac-VHT20 MCS0	36	5180	15.62	17.00	96.16	
	40	5200	15.71	17.00		
	44	5220	15.72	17.00		
	48	5240	15.67	17.00		
802.11ac-VHT40 MCS0	38	5190	8.44	9.94	93.30	
	46	5230	15.18	16.50		
802.11ac-VHT80 MCS0	42	5210	7.99	9.49	88.19	

5GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	52	5260	16.66	17.00	96.79	
	56	5280	16.65	17.00		
	60	5300	16.62	17.00		
	64	5320	16.64	17.00		
	68	5340	16.40	17.00		
802.11n-HT20 MCS0	52	5260	16.50	17.00	96.98	
	56	5280	16.43	17.00		
	60	5300	16.40	17.00		
	64	5320	16.45	17.00		
802.11n-HT40 MCS0	54	5270	15.93	16.50	93.73	
	62	5310	9.17	10.67		
802.11ac-VHT20 MCS0	52	5260	16.47	17.00	96.16	
	56	5280	16.42	17.00		
	60	5300	16.37	17.00		
	64	5320	16.39	17.00		
802.11ac-VHT40 MCS0	54	5270	15.88	16.50	93.30	
	62	5310	9.08	10.58		
802.11ac-VHT80 MCS0	58	5290	10.07	11.57	88.19	

5GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	100	5500	16.20	17.00	96.79	
	116	5580	16.31	17.00		
	124	5620	16.40	17.00		
	132	5660	16.44	17.00		
	140	5700	16.39	17.00		
	148	5740	16.20	17.00		
802.11n-HT20 MCS0	100	5500	15.95	17.00	96.98	
	116	5580	16.10	17.00		
	124	5620	16.24	17.00		
	132	5660	16.26	17.00		
	140	5700	16.17	17.00		
	148	5740	16.00	17.00		
802.11n-HT40 MCS0	102	5510	11.23	12.73	93.73	
	110	5550	15.33	16.50		
	126	5630	15.37	16.50		
	134	5670	15.55	16.50		
802.11ac-VHT20 MCS0	100	5500	15.92	17.00	96.16	
	116	5580	16.07	17.00		
	124	5620	16.23	17.00		
	132	5660	16.25	17.00		
	140	5700	16.12	17.00		
	148	5740	16.00	17.00		
802.11ac-VHT40 MCS0	102	5510	11.21	12.71	93.30	
	110	5550	15.28	16.50		
	126	5630	15.35	16.50		
	134	5670	15.49	16.50		
802.11ac-VHT80 MCS0	106	5530	8.36	9.86	88.19	
	122	5610	16.41	16.50		

5GHz WLAN						
Ant 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	149	5745	16.47	17.00	96.79	
	157	5785	16.56	17.00		
	165	5825	16.40	17.00		
802.11n-HT20 MCS0	149	5745	16.36	17.00	96.98	
	157	5785	16.42	17.00		
	165	5825	16.34	17.00		
802.11n-HT40 MCS0	151	5755	15.71	17.00	93.73	
	159	5795	15.73	17.00		
802.11ac-VHT20 MCS0	149	5745	16.32	17.00	96.16	
	157	5785	16.41	17.00		
	165	5825	16.30	17.00		
802.11ac-VHT40 MCS0	151	5755	15.70	17.00	93.30	
	159	5795	15.72	17.00		
802.11ac-VHT80 MCS0	155	5775	16.40	17.00	88.19	



Bluetooth Full Power Mode

BR/EDR		Frequency (MHz)	Average power (dBm)										Turn-up Limit
Mode	Channel		Packet Type										
			DRS	DRS	DRS	DRS	DRS	DRS	DRS	DRS	DRS	DRS	
BR/EDR	CH 0	2402	13.00	13.50	13.50	11.00	10.00	10.00	11.00	10.50	10.50	10.50	10.50
	CH 39	2441	14.00	13.00	13.00	11.50	11.00	11.00	11.00	11.50	11.50	11.50	11.50
	CH 38	2440	13.50	13.20	13.20	10.70	10.00	10.00	10.70	10.00	10.00	10.00	10.00

LE 4.0		Frequency (MHz)	Average power (dBm)		Turn-up Limit
Mode	Channel		GFSK		
			DRS	DRS	
LE	CH 00	2402	8.50	8.50	
	CH 19	2440	8.40	9.00	
	CH 39	2441	8.50	9.20	

LE 5.0		Frequency (MHz)	Average power (dBm)		Turn-up Limit
Mode	Channel		2FSK		
			DRS	DRS	
LE	CH 00	2402	8.50	8.50	
	CH 19	2440	8.30	10.00	
	CH 39	2441	8.50	8.50	