

Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.48	19.28	19.32	19.32	19.48	19.38	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.37	19.38	19.36	19.32	19.36	19.34	20.80

N77 PC2 30kHz ECI 3&4				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	Tune up
				3750	/	/	/	/	3930	
100MHz	DFT-s-OFDM QPSK	1	1	19.88	/	/	/	/	19.94	21.30
		1	137	19.81	/	/	/	/	19.93	21.30
		1	271	19.85	/	/	/	/	19.92	21.30
		135	0	16.80	/	/	/	/	16.71	17.80
		135	69	19.79	/	/	/	/	19.81	21.30
		135	138	16.81	/	/	/	/	16.67	17.80
		270	0	19.23	/	/	/	/	19.26	20.30
	DFT-s-OFDM 16QAM	1	1	19.24	/	/	/	/	19.22	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	18.73	/	/	/	/	18.66	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.91	19.81	19.93	19.77	19.95	19.89	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.94	19.84	19.85	19.81	19.88	19.86	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 649001	Channel 651800	Channel 654601	Channel 657401	Channel 660200	Channel 662999	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	19.94	19.81	19.90	19.80	19.83	19.95	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	19.85	19.84	19.82	19.84	19.83	19.95	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.85	19.81	19.88	19.75	19.94	19.83	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.97	19.86	19.79	19.80	19.83	19.93	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.86	19.86	19.83	19.79	19.98	19.93	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	19.87	19.78	19.90	19.75	19.98	19.94	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up

20MHz	DFT-s-OFDM QPSK	1	1	19.92	19.88	19.86	19.79	19.97	19.90	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.90	19.83	19.85	19.89	19.96	19.90	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.94	19.89	19.90	19.77	19.89	19.96	21.30

N78 PC3 30kHz ECI 1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.84	/	17.60
		1	137	/	16.73	/	17.60
		1	271	/	16.79	/	17.60
		135	0	/	16.07	/	16.60
		135	69	/	16.79	/	17.60
		135	138	/	16.02	/	16.60
		270	0	/	16.02	/	16.60
	DFT-s-OFDM 16QAM	1	1	/	16.00	/	16.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.51	/	16.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	16.72	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	16.50	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	16.67	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	16.64	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	16.67	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	16.60	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.53	16.50	16.57	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM	1	1	16.45	16.67	16.65	17.60

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.75	16.60	16.69	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	16.64	16.73	16.50	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.54	16.70	16.46	17.60

N78 PC3 30kHz ECI 3&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.30	/	18.10
		1	137	/	17.26	/	18.10
		1	271	/	17.28	/	18.10
		135	0	/	16.55	/	17.10
		135	69	/	17.27	/	18.10
		135	138	/	16.55	/	17.10
	DFT-s-OFDM 16QAM	1	1	/	16.54	/	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.02	/	16.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	17.27	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.02	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	17.17	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	17.14	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	17.18	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.09	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	17.03	17.05	17.11	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	16.96	17.14	17.19	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.23	17.10	17.13	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 630501	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.09	17.23	17.01	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.08	17.23	17.01	18.10

N78 PC2 30kHz ECI 1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.71	/	20.60
		1	137	/	19.60	/	20.60
		1	271	/	19.52	/	20.60
		135	0	/	16.59	/	17.10
		135	69	/	19.30	/	20.60
		135	138	/	16.60	/	17.10
		270	0	/	19.07	/	19.60
	DFT-s-OFDM 16QAM	1	1	/	19.14	/	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.61	/	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.60	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.43	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.45	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.53	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.59	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.51	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s-	1	1	19.33	19.42	19.37	20.60

	OFDM QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.58	19.37	19.42	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.45	19.39	19.32	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.36	19.60	19.34	20.60

N78 PC2_30kHz ECI 3&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.19	/	21.10
		1	137	/	20.11	/	21.10
		1	271	/	20.00	/	21.10
		135	0	/	17.14	/	17.60
		135	69	/	19.79	/	21.10
		135	138	/	17.07	/	17.60
		270	0	/	19.54	/	20.10
	DFT-s-OFDM 16QAM	1	1	/	19.63	/	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.08	/	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	20.08	/	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.91	/	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.98	/	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.04	/	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	20.04	/	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.96	/	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.83	19.91	19.87	21.10

Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.07	19.89	19.97	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.94	19.85	19.83	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.87	20.07	19.80	21.10

N78 PC3_ 30kHz ECI 1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	17.09	/	18.10
		1	137	/	17.01	/	18.10
		1	271	/	17.04	/	18.10
		135	0	/	16.06	/	17.10
		135	69	/	17.05	/	18.10
		135	138	/	16.02	/	17.10
		270	0	/	16.12	/	17.10
	DFT-s-OFDM 16QAM	1	1	/	16.02	/	17.10
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	15.50	/	16.60
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	17.14	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	16.99	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	17.02	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	17.00	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	17.07	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	17.03	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.02	16.94	16.94	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 647501	Channel 650000	Channel 652501	Tune up

25MHz	DFT-s-OFDM QPSK	1	1	17.02	17.05	17.01	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.99	16.98	17.01	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	17.05	17.09	17.04	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	16.99	16.94	16.98	18.10

N78 PC3 30kHz ECI 3&4				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.62	/	18.60
		1	137	/	17.49	/	18.60
		1	271	/	17.53	/	18.60
		135	0	/	16.51	/	17.60
		135	69	/	17.59	/	18.60
		135	138	/	16.57	/	17.60
		270	0	/	16.56	/	17.60
	DFT-s-OFDM 16QAM	1	1	/	16.56	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.03	/	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	17.67	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.49	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	17.46	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	17.51	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	17.54	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.53	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM	1	1	17.49	17.44	17.46	18.60

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	17.53	17.53	17.51	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	17.48	17.49	17.52	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	17.57	17.58	17.53	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	17.53	17.45	17.53	18.60

N78 PC2_30kHz ECI 1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.11	/	20.80
		1	137	/	20.09	/	20.80
		1	271	/	20.08	/	20.80
		135	0	/	16.72	/	17.30
		135	69	/	20.09	/	20.80
		135	138	/	16.71	/	17.30
		270	0	/	19.21	/	19.80
	DFT-s-OFDM 16QAM	1	1	/	19.25	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.81	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	20.09	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	20.04	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	20.08	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.13	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	20.04	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.01	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	20.02	20.08	20.05	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 647501	Channel 650000	Channel 652501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	19.98	20.07	20.04	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.99	20.01	20.03	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.00	20.02	20.06	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.04	20.02	20.07	20.80

N78 PC2_30kHz ECI 3&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.59	/	21.30
		1	137	/	20.51	/	21.30
		1	271	/	20.57	/	21.30
		135	0	/	17.22	/	17.80
		135	69	/	20.50	/	21.30
		135	138	/	17.26	/	17.80
		270	0	/	19.75	/	20.30
	DFT-s-OFDM 16QAM	1	1	/	19.76	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.29	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	20.61	/	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	20.52	/	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	20.59	/	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.61	/	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	20.53	/	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-	1	1	/	20.54	/	21.30

	OFDM QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.56	20.57	20.56	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 647501	Channel 650000	Channel 652501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	20.51	20.54	20.55	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.52	20.56	20.59	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.53	20.56	20.55	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.56	20.55	20.56	21.30

2.12 Conducted Power of NR (Ant11)

N48_30kHz ECI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645322	
				3570	3624.99	3679.98	
40MHz	DFT-s-OFDM QPSK	1	1	22.98	22.95	22.91	24.70
		1	53	22.95	22.91	22.86	24.70
		1	104	22.92	22.89	22.89	24.70
		50	0	21.84	21.89	21.85	23.70
		50	28	22.83	22.85	22.81	24.70
		50	56	21.80	21.84	21.79	23.70
		100	0	21.86	21.88	21.77	23.70
	DFT-s-OFDM 16QAM	1	1	21.83	21.85	21.81	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	21.29	21.33	21.27	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.91	22.89	23.02	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.83	22.95	22.87	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.86	23.09	22.92	24.70

N48_30kHz ECI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645322	
				3570	3624.99	3679.98	
40MHz	DFT-s-OFDM QPSK	1	1	21.99	22.02	21.90	23.70
		1	53	21.95	21.86	21.85	23.70
		1	104	21.92	21.88	21.90	23.70
		50	0	20.80	20.86	20.83	22.70
		50	28	21.80	21.89	21.88	23.70
		50	56	20.78	20.84	20.79	22.70
		100	0	20.82	20.88	20.75	22.70
	DFT-s-OFDM 16QAM	1	1	20.81	20.84	20.76	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	20.29	20.33	20.27	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.87	21.89	21.99	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.79	21.92	21.85	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.85	22.06	21.90	23.70

N48 30kHz ECI 3&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645322	
				3570	3624.99	3679.98	
40MHz	DFT-s-OFDM QPSK	1	1	10.96	10.95	10.89	12.70
		1	53	10.93	10.90	10.86	12.70
		1	104	10.89	10.85	10.87	12.70
		50	0	9.83	9.87	9.80	11.70
		50	28	10.78	10.85	10.82	12.70
		50	56	9.76	9.79	9.76	11.70
		100	0	9.85	9.86	9.76	11.70
	DFT-s-OFDM 16QAM	1	1	9.80	9.83	9.78	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645322	
40MHz	CP-OFDM QPSK	1	1	9.24	9.33	9.27	11.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637333	641666	646000	
20MHz	DFT-s-OFDM QPSK	1	1	10.86	10.88	10.98	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637167	641666	646167	
15MHz	DFT-s-OFDM QPSK	1	1	10.78	10.92	10.84	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646333	
10MHz	DFT-s-OFDM QPSK	1	1	10.84	11.06	10.92	12.70

N77 PC3 30kHz ECI 1&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.75	/	21.70
		1	137	/	20.43	/	21.70
		1	271	/	20.42	/	21.70
		135	0	/	19.54	/	20.70
		135	69	/	20.53	/	21.70
		135	138	/	19.50	/	20.70
		270	0	/	19.50	/	20.70
	DFT-s-OFDM 16QAM	1	1	/	19.46	/	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.68	/	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	20.13	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	20.08	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	20.03	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM	1	1	/	20.18	/	21.70

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	20.24	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.22	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	20.19	20.22	20.18	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	20.15	20.20	20.10	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.08	20.07	20.13	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	20.31	20.07	20.24	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	20.22	20.20	20.18	21.70

N77 PC3_30kHz ECI 3&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	11.41	/	12.70
		1	137	/	11.13	/	12.70
		1	271	/	11.11	/	12.70
		135	0	/	10.19	/	11.70
		135	69	/	11.24	/	12.70
		135	138	/	10.16	/	11.70
	DFT-s-OFDM 16QAM	270	0	/	10.19	/	11.70
				/	10.16	/	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	9.69	/	11.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	11.11	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	11.08	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	11.02	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	11.18	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	11.23	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	11.20	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	11.16	11.18	11.16	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	11.14	11.21	11.09	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	11.08	11.04	11.12	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	11.27	11.04	11.22	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	11.20	11.16	11.16	12.70

N77 PC2 30kHz ECI 1&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	23.29	/	24.70
		1	137	/	23.28	/	24.70
		1	271	/	23.27	/	24.70
		135	0	/	19.79	/	21.20
		135	69	/	23.27	/	24.70
		135	138	/	19.81	/	21.20
		270	0	/	22.35	/	23.70
	DFT-s-OFDM 16QAM	1	1	/	22.22	/	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.71	/	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.10	/	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.04	/	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-	1	1	/	23.30	/	24.70

	OFDM QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.11	/	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	23.04	/	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	23.31	/	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	23.06	23.02	23.14	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.29	23.10	23.21	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	23.05	23.06	23.24	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630167	633334	636501	
10MHz	DFT-s-OFDM QPSK	1	1	23.16	23.21	23.25	24.70

N77 PC2 30kHz ECI 3&5				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	14.27	/	15.70
		1	137	/	14.26	/	15.70
		1	271	/	14.24	/	15.70
		135	0	/	10.75	/	12.20
		135	69	/	14.26	/	15.70
		135	138	/	10.78	/	12.20
		270	0	/	13.30	/	14.70
	DFT-s-OFDM 16QAM	1	1	/	13.20	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	12.71	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	14.07	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	13.99	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	14.28	/	15.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	14.11	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	14.01	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	14.28	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	14.04	13.99	14.15	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.29	14.08	14.17	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	14.05	14.06	14.21	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630167	633334	636501	
10MHz	DFT-s-OFDM QPSK	1	1	14.15	14.20	14.23	15.70

N77 PC3 30kHz ECI 1&4					Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	/	/	/	/	662000	
				3750	/	/	/	/	3930	
100MHz	DFT-s-OFDM QPSK	1	1	20.06	/	/	/	/	19.99	21.70
		1	137	20.01	/	/	/	/	19.97	21.70
		1	271	19.97	/	/	/	/	19.86	21.70
		135	0	18.94	/	/	/	/	18.87	20.70
		135	69	19.87	/	/	/	/	19.86	21.70
		135	138	18.89	/	/	/	/	18.88	20.70
	DFT-s-OFDM 16QAM	270	0	18.93	/	/	/	/	18.87	20.70
				18.83	/	/	/	/	18.84	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	/	/	/	/	662000	
100MHz	CP-OFDM QPSK	1	1	18.40	/	/	/	/	18.39	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	19.92	19.91	20.00	19.93	19.92	19.98	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	20.09	19.88	19.94	19.91	20.01	20.07	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	19.98	20.00	20.02	19.93	19.92	19.89	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	

60MHz	DFT-s-OFDM QPSK	1	1	20.10	19.95	19.91	19.96	19.98	20.11	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.96	20.04	19.93	20.02	19.90	19.89	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.93	20.14	19.95	19.91	20.08	19.91	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.05	20.11	20.02	19.97	20.10	19.95	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	20.00	20.08	19.96	20.06	20.00	19.87	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.02	20.07	20.04	20.05	20.03	20.03	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.08	19.98	20.10	19.89	19.98	20.10	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.06	20.12	19.91	20.00	20.07	20.00	21.70

N77 PC3 30kHz ECI 3&5				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	/	/	/	/	662000	
				3750	/	/	/	/	3930	
100MHz	DFT-s-OFDM QPSK	1	1	11.02	/	/	/	/	10.96	12.70
		1	137	10.99	/	/	/	/	10.93	12.70
		1	271	10.97	/	/	/	/	10.82	12.70
		135	0	9.90	/	/	/	/	9.84	11.70
		135	69	10.82	/	/	/	/	10.83	12.70
		135	138	9.87	/	/	/	/	9.83	11.70
		270	0	9.91	/	/	/	/	9.82	11.70
	DFT-s-OFDM 16QAM	1	1	9.80	/	/	/	/	9.82	11.70
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	9.38	/	/	/	/	9.34	11.20
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	10.88	10.88	10.97	10.90	10.90	10.93	12.70
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	11.09	10.86	10.90	10.92	10.99	11.08	12.70
Bandwidth	Modulation	RB size	RB offset	Channel 649001	Channel 651800	Channel 654601	Channel 657401	Channel 660200	Channel 662999	Tune up
70MHz	DFT-s-OFDM	1	1	10.96	11.00	10.97	10.91	10.90	10.88	12.70

	QPSK									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	11.07	10.90	10.89	10.97	10.94	11.06	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	10.93	11.03	10.91	11.01	10.91	10.87	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	10.90	11.14	10.91	10.89	11.03	10.92	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	11.03	11.10	10.99	10.95	11.07	10.90	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	
25MHz	DFT-s-OFDM QPSK	1	1	10.96	11.03	10.97	11.03	11.00	10.87	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	11.01	11.07	11.01	11.03	10.98	11.04	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647165	650700	654230	657765	661300	664835	
15MHz	DFT-s-OFDM QPSK	1	1	11.07	10.94	11.06	10.87	10.96	11.06	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				646998	650600	654196	657798	661400	665002	
10MHz	DFT-s-OFDM QPSK	1	1	11.05	11.09	10.92	10.96	11.03	11.00	12.70

N77 PC2 30kHz ECI 1&4				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	/	/	/	/	662000	
				3750	/	/	/	/	3930	
100MHz	DFT-s-OFDM QPSK	1	1	23.14	/	/	/	/	23.10	24.70
		1	137	23.07	/	/	/	/	22.98	24.70
		1	271	23.02	/	/	/	/	23.02	24.70
		135	0	19.49	/	/	/	/	19.55	21.20
		135	69	22.95	/	/	/	/	23.03	24.70
		135	138	19.40	/	/	/	/	19.57	21.20
		270	0	21.85	/	/	/	/	22.09	23.70
	DFT-s-OFDM 16QAM	1	1	21.95	/	/	/	/	22.06	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	/	/	/	/	662000	
100MHz	CP-OFDM QPSK	1	1	21.50	/	/	/	/	21.57	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	22.78	22.73	22.76	22.74	22.77	22.75	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	23.03	23.05	23.02	23.05	23.18	23.02	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up

				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	22.96	22.86	22.86	23.13	23.07	23.02	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.04	22.89	22.98	23.18	23.12	23.18	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	22.93	22.93	22.86	23.20	23.08	23.14	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.87	22.96	22.86	23.17	23.19	23.19	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.86	22.87	23.02	23.00	23.04	23.02	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.93	23.04	22.95	23.00	23.04	23.17	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.96	22.89	23.03	23.17	23.20	23.17	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.92	22.94	23.01	23.12	23.10	23.05	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.92	23.03	22.94	23.00	23.20	23.02	24.70

N77 PC2 30kHz ECI 3&5				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	/	/	/	/	662000	
100MHz	DFT-s-OFDM QPSK	1	1	3750	/	/	/	/	3930	
		1	137	14.10	/	/	/	/	14.06	15.70
		1	271	14.08	/	/	/	/	13.98	15.70
		1	271	14.02	/	/	/	/	13.97	15.70
		135	0	10.47	/	/	/	/	10.54	12.20
		135	69	13.91	/	/	/	/	14.04	15.70
		135	138	10.38	/	/	/	/	10.56	12.20
		270	0	12.85	/	/	/	/	13.05	14.70
	DFT-s-OFDM 16QAM	1	1	12.92	/	/	/	/	13.06	14.70
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	12.49	/	/	/	/	12.53	14.20
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	13.76	13.71	13.74	13.71	13.77	13.75	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-	1	1	14.04	14.03	14.00	14.06	14.14	14.01	15.70

	OFDM QPSK									
Bandwidth	Modulation	RB size	RB offset	Channel 649001	Channel 651800	Channel 654601	Channel 657401	Channel 660200	Channel 662999	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	13.95	13.86	13.84	14.09	14.07	14.02	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	14.04	13.84	13.98	14.16	14.09	14.18	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	13.94	13.89	13.82	14.19	14.04	14.11	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	13.88	13.92	13.87	14.15	14.15	14.16	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	13.86	13.88	14.03	13.97	13.99	14.03	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	13.94	14.04	13.92	13.97	14.04	14.18	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	13.92	13.84	14.04	14.13	14.21	14.17	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	13.92	13.93	13.98	14.10	14.06	14.00	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	13.88	14.01	13.90	13.97	14.18	14.01	15.70

N78 PC3 30kHz ECI 1&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.08	/	22.70
		1	137	/	22.01	/	22.70
		1	271	/	21.90	/	22.70
		135	0	/	21.03	/	21.70
		135	69	/	21.98	/	22.70
		135	138	/	20.99	/	21.70
		270	0	/	21.01	/	21.70
	DFT-s-OFDM 16QAM	1	1	/	21.03	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	22.18	/	22.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.11	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	21.93	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.14	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	22.20	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.07	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.01	22.00	22.15	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	22.09	22.11	22.10	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.98	22.07	22.13	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	22.04	22.12	22.04	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	22.19	22.01	22.12	22.70

N78 PC3_30kHz ECI 3&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	13.55	/	14.20
		1	137	/	13.49	/	14.20
		1	271	/	13.41	/	14.20
		135	0	/	12.52	/	13.20
		135	69	/	13.44	/	14.20
		135	138	/	12.45	/	13.20
		270	0	/	12.50	/	13.20
	DFT-s-OFDM 16QAM	1	1	/	12.54	/	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	12.00	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

90MHz	DFT-s-OFDM QPSK	1	1	/	13.68	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	13.56	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	13.43	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	13.60	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	13.68	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	13.57	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	13.47	13.46	13.63	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	13.56	13.56	13.57	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	13.43	13.56	13.59	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	13.50	13.60	13.52	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	13.67	13.46	13.62	14.20

N78 PC2 30kHz ECI 1&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	24.29	/	25.70
		1	137	/	24.07	/	25.70
		1	271	/	23.95	/	25.70
		135	0	/	20.46	/	22.20
		135	69	/	23.91	/	25.70
		135	138	/	20.43	/	22.20
		270	0	/	22.89	/	24.70
	DFT-s-OFDM 16QAM	1	1	/	22.91	/	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM	1	1	/	22.36	/	24.20

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	24.24	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.96	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	23.96	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.97	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	24.05	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	24.17	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	24.25	24.04	24.13	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.24	24.13	24.15	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	24.13	24.00	23.97	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	24.16	24.24	24.00	25.70

N78 PC2_30kHz ECI 3&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	15.74	/	17.20
		1	137	/	15.54	/	17.20
		1	271	/	15.41	/	17.20
		135	0	/	11.92	/	13.70
		135	69	/	15.42	/	17.20
		135	138	/	11.92	/	13.70
		270	0	/	14.38	/	16.20
	DFT-s-OFDM 16QAM	1	1	/	14.38	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.83	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	15.73	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	15.45	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	15.46	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	15.44	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	15.54	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.63	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.70	15.51	15.60	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.71	15.60	15.62	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	15.60	15.50	15.46	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	15.62	15.74	15.48	17.20

N78 PC3 30kHz ECI 1&4				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	21.08	/	22.70
		1	137	/	20.84	/	22.70
		1	271	/	20.99	/	22.70
		135	0	/	19.87	/	21.70
		135	69	/	20.86	/	22.70
		135	138	/	19.91	/	21.70
		270	0	/	19.91	/	21.70
	DFT-s-OFDM 16QAM	1	1	/	19.83	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.34	/	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-	1	1	/	20.80	/	22.70

	OFDM QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	20.89	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	21.04	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.04	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	20.78	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.76	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	20.93	21.04	21.02	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	20.92	20.89	21.00	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	20.88	20.93	21.03	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	20.95	21.06	20.93	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	21.03	20.85	20.92	22.70

N78 PC3 30kHz ECI 3&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	12.54	/	14.20
		1	137	/	12.34	/	14.20
		1	271	/	12.48	/	14.20
		135	0	/	11.33	/	13.20
		135	69	/	12.37	/	14.20
		135	138	/	11.37	/	13.20
		270	0	/	11.37	/	13.20
	DFT-s-OFDM 16QAM	1	1	/	11.33	/	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	10.84	/	12.70

Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	12.29	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	12.37	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	12.52	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	12.51	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	12.27	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	12.24	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	12.41	12.54	12.53	14.20
Bandwidth	Modulation	RB size	RB offset	Channel 647501	Channel 650000	Channel 652501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	12.40	12.38	12.47	14.20
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	12.37	12.43	12.50	14.20
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	12.46	12.56	12.41	14.20
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	12.48	12.33	12.39	14.20

N78 PC2_30kHz ECI 1&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	24.08	/	25.70
		1	137	/	23.80	/	25.70
		1	271	/	23.89	/	25.70
		135	0	/	20.33	/	22.20
		135	69	/	23.84	/	25.70
		135	138	/	20.32	/	22.20
		270	0	/	22.85	/	24.70
	DFT-s-OFDM 16QAM	1	1	/	22.86	/	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.36	/	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s- OFDM QPSK	1	1	/	24.06	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s- OFDM QPSK	1	1	/	24.16	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s- OFDM QPSK	1	1	/	24.09	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s- OFDM QPSK	1	1	/	24.16	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s- OFDM QPSK	1	1	/	24.13	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s- OFDM QPSK	1	1	/	23.96	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s- OFDM QPSK	1	1	23.86	23.95	24.08	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s- OFDM QPSK	1	1	24.07	23.95	23.97	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s- OFDM QPSK	1	1	24.06	24.11	24.06	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s- OFDM QPSK	1	1	24.14	24.03	24.06	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s- OFDM QPSK	1	1	23.99	23.97	24.11	25.70

N78 PC2_30kHz ECI 3&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s- OFDM QPSK	1	1	/	15.54	/	17.20
		1	137	/	15.26	/	17.20
		1	271	/	15.39	/	17.20
		135	0	/	11.80	/	13.70
		135	69	/	15.32	/	17.20
		135	138	/	11.79	/	13.70
		270	0	/	14.32	/	16.20
	DFT-s-	1	1	/	14.35	/	16.20

	OFDM 16QAM						
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	13.86	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
90MHz	DFT-s- OFDM QPSK	1	1	/	15.53	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
80MHz	DFT-s- OFDM QPSK	1	1	/	15.63	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
70MHz	DFT-s- OFDM QPSK	1	1	/	15.54	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
60MHz	DFT-s- OFDM QPSK	1	1	/	15.64	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
50MHz	DFT-s- OFDM QPSK	1	1	/	15.63	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
40MHz	DFT-s- OFDM QPSK	1	1	/	15.44	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s- OFDM QPSK	1	1	15.33	15.40	15.54	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 647501	Channel 650000	Channel 652501	Tune up
25MHz	DFT-s- OFDM QPSK	1	1	15.56	15.41	15.45	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s- OFDM QPSK	1	1	15.56	15.56	15.56	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s- OFDM QPSK	1	1	15.60	15.53	15.54	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s- OFDM QPSK	1	1	15.45	15.42	15.58	17.20

3 Conducted Power of UL_CA

3.1 Conducted Power of UL_CA (Ant4)

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_7C ECI1&5	QPSK	7	20	20850	1	99	7	20	21048	1	0	16.79	18.20
CA_7C ECI1&5	QPSK	7	20	21100	1	99	7	20	21298	1	0	17	18.20
CA_7C ECI1&5	QPSK	7	20	21100	1	0	7	20	20902	1	99	17.03	18.20
CA_7C ECI1&5	QPSK	7	20	21350	1	0	7	20	21152	1	99	16.86	18.20

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_7C ECI3	QPSK	7	20	20850	1	99	7	20	21048	1	0	18.63	19.70
CA_7C ECI3	QPSK	7	20	21100	1	99	7	20	21298	1	0	18.73	19.70
CA_7C ECI3	QPSK	7	20	21100	1	0	7	20	20902	1	99	18.74	19.70
CA_7C ECI3	QPSK	7	20	21350	1	0	7	20	21152	1	99	18.61	19.70

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_7C ECI4	QPSK	7	20	20850	1	99	7	20	21048	1	0	24.26	25.70
CA_7C ECI4	QPSK	7	20	21100	1	99	7	20	21298	1	0	24.42	25.70
CA_7C ECI4	QPSK	7	20	21100	1	0	7	20	20902	1	99	24.45	25.70
CA_7C ECI4	QPSK	7	20	21350	1	0	7	20	21152	1	99	24.24	25.70

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_38C ECI1&5	QPSK	38	20	37850	1	99	38	20	38048	1	0	18.64	19.70
CA_38C ECI1&5	QPSK	38	20	37901	1	99	38	20	38099	1	0	18.74	19.70
CA_38C ECI1&5	QPSK	38	20	38099	1	0	38	20	37901	1	99	18.76	19.70
CA_38C ECI1&5	QPSK	38	20	38150	1	0	38	20	37952	1	99	18.74	19.70
CA_38C ECI1&5	QPSK	38	20	37850	1	49	38	20	38048	50	0	18.73	19.70
CA_38C ECI1&5	QPSK	38	20	37901	1	49	38	20	38099	50	0	18.72	19.70
CA_38C ECI1&5	QPSK	38	20	38099	50	0	38	20	37901	1	49	18.75	19.70
CA_38C ECI1&5	QPSK	38	20	38150	50	0	38	20	37952	1	49	18.66	19.70

Combination	Modulation	PCC					SCC					Power		Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset			
CA_38C_ECI3	QPSK	38	20	37850	1	99	38	20	38048	1	0	19.54		20.70
CA_38C_ECI3	QPSK	38	20	37901	1	99	38	20	38099	1	0	19.52		20.70
CA_38C_ECI3	QPSK	38	20	38099	1	0	38	20	37901	1	99	19.56		20.70
CA_38C_ECI3	QPSK	38	20	38150	1	0	38	20	37952	1	99	19.5		20.70

Combination	Modulation	PCC					SCC					Power		Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset			
CA_38C_ECI4	QPSK	38	20	37850	1	99	38	20	38048	1	0	24.33		25.70
CA_38C_ECI4	QPSK	38	20	37901	1	99	38	20	38099	1	0	24.38		25.70
CA_38C_ECI4	QPSK	38	20	38099	1	0	38	20	37901	1	99	24.4		25.70
CA_38C_ECI4	QPSK	38	20	38150	1	0	38	20	37952	1	99	24.31		25.70

3.2 Conducted Power of UL_CA (Ant5)

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_7C ECI1&5	QPSK	7	20	20850	1	99	7	20	21048	1	0	16.36	17.20
CA_7C ECI1&5	QPSK	7	20	21100	1	99	7	20	21298	1	0	16.42	17.20
CA_7C ECI1&5	QPSK	7	20	21100	1	0	7	20	20902	1	99	16.45	17.20
CA_7C ECI1&5	QPSK	7	20	21350	1	0	7	20	21152	1	99	16.32	17.20
CA_7C ECI1&5	QPSK	7	20	20850	1	49	7	20	21048	50	0	16.02	17.20
CA_7C ECI1&5	QPSK	7	20	21100	1	49	7	20	21298	50	0	16.11	17.20
CA_7C ECI1&5	QPSK	7	20	21100	50	0	7	20	20902	1	49	16.25	17.20
CA_7C ECI1&5	QPSK	7	20	21350	50	0	7	20	21152	1	49	16.12	17.20

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_7C ECI3	QPSK	7	20	20850	1	99	7	20	21048	1	0	17.18	18.20
CA_7C ECI3	QPSK	7	20	21100	1	99	7	20	21298	1	0	17.45	18.20
CA_7C ECI3	QPSK	7	20	21100	1	0	7	20	20902	1	99	17.55	18.20
CA_7C ECI3	QPSK	7	20	21350	1	0	7	20	21152	1	99	17.33	18.20

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_7C ECI4	QPSK	7	20	20850	1	99	7	20	21048	1	0	24.76	25.70
CA_7C ECI4	QPSK	7	20	21100	1	99	7	20	21298	1	0	24.99	25.70
CA_7C ECI4	QPSK	7	20	21100	1	0	7	20	20902	1	99	25.08	25.70
CA_7C ECI4	QPSK	7	20	21350	1	0	7	20	21152	1	99	24.7	25.70

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_38C ECI1&5	QPSK	38	20	37850	1	99	38	20	38048	1	0	18.80	19.70
CA_38C ECI1&5	QPSK	38	20	37901	1	99	38	20	38099	1	0	18.82	19.70
CA_38C ECI1&5	QPSK	38	20	38099	1	0	38	20	37901	1	99	18.74	19.70
CA_38C ECI1&5	QPSK	38	20	38150	1	0	38	20	37952	1	99	18.76	19.70
CA_38C ECI1&5	QPSK	38	20	37850	1	49	38	20	38048	50	0	18.56	19.70
CA_38C ECI1&5	QPSK	38	20	37901	1	49	38	20	38099	50	0	18.5	19.70
CA_38C ECI1&5	QPSK	38	20	38099	50	0	38	20	37901	1	49	18.61	19.70
CA_38C ECI1&5	QPSK	38	20	38150	50	0	38	20	37952	1	49	18.46	19.70

Combination	Modulation	PCC					SCC					Power		Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset			
CA 38C ECI3	QPSK	38	20	37850	1	99	38	20	38048	1	0	19.10		20.20
CA 38C ECI3	QPSK	38	20	37901	1	99	38	20	38099	1	0	19		20.20
CA 38C ECI3	QPSK	38	20	38099	1	0	38	20	37901	1	99	19.16		20.20
CA 38C ECI3	QPSK	38	20	38150	1	0	38	20	37952	1	99	19.06		20.20
CA 38C ECI3	QPSK	38	20	37850	1	49	38	20	38048	50	0	19.11		20.20
CA 38C ECI3	QPSK	38	20	37901	1	49	38	20	38099	50	0	19.05		20.20
CA 38C ECI3	QPSK	38	20	38099	50	0	38	20	37901	1	49	19.16		20.20
CA 38C ECI3	QPSK	38	20	38150	50	0	38	20	37952	1	49	19.06		20.20

Combination	Modulation	PCC					SCC					Power		Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset			
CA 38C ECI4	QPSK	38	20	37850	1	99	38	20	38048	1	0	24.59		25.70
CA 38C ECI4	QPSK	38	20	37901	1	99	38	20	38099	1	0	24.73		25.70
CA 38C ECI4	QPSK	38	20	38099	1	0	38	20	37901	1	99	24.76		25.70
CA 38C ECI4	QPSK	38	20	38150	1	0	38	20	37952	1	99	24.73		25.70
CA 38C ECI4	QPSK	38	20	37850	1	49	38	20	38048	50	0	24.63		25.70
CA 38C ECI4	QPSK	38	20	37901	1	49	38	20	38099	50	0	24.75		25.70
CA 38C ECI4	QPSK	38	20	38099	50	0	38	20	37901	1	49	24.76		25.70
CA 38C ECI4	QPSK	38	20	38150	50	0	38	20	37952	1	49	24.56		25.70

3.3 Conducted Power of UL_CA (Ant6)

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_7C ECI1	QPSK	7	20	20850	1	99	7	20	21048	1	0	24.09	25.70
CA_7C ECI1	QPSK	7	20	21100	1	99	7	20	21298	1	0	24.2	25.70
CA_7C ECI1	QPSK	7	20	21100	1	0	7	20	20902	1	99	24.22	25.70
CA_7C ECI1	QPSK	7	20	21350	1	0	7	20	21152	1	99	24.04	25.70

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_7C ECI3&4&5	QPSK	7	20	20850	1	99	7	20	21048	1	0	17.86	19.70
CA_7C ECI3&4&5	QPSK	7	20	21100	1	99	7	20	21298	1	0	18.13	19.70
CA_7C ECI3&4&5	QPSK	7	20	21100	1	0	7	20	20902	1	99	18.16	19.70
CA_7C ECI3&4&5	QPSK	7	20	21350	1	0	7	20	21152	1	99	18.03	19.70
CA_7C ECI3&4&5	QPSK	7	20	20850	1	49	7	20	21048	50	0	17.52	19.70
CA_7C ECI3&4&5	QPSK	7	20	21100	1	49	7	20	21298	50	0	17.86	19.70
CA_7C ECI3&4&5	QPSK	7	20	21100	50	0	7	20	20902	1	49	18.05	19.70
CA_7C ECI3&4&5	QPSK	7	20	21350	50	0	7	20	21152	1	49	17.99	19.70

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_38C ECI1	QPSK	38	20	37850	1	99	38	20	38048	1	0	24.07	25.70
CA_38C ECI1	QPSK	38	20	37901	1	99	38	20	38099	1	0	24.04	25.70
CA_38C ECI1	QPSK	38	20	38099	1	0	38	20	37901	1	99	24.1	25.70
CA_38C ECI1	QPSK	38	20	38150	1	0	38	20	37952	1	99	23.97	25.70

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_38C ECI3&4&5	QPSK	38	20	37850	1	99	38	20	38048	1	0	20.24	21.70
CA_38C ECI3&4&5	QPSK	38	20	37901	1	99	38	20	38099	1	0	20.25	21.70
CA_38C ECI3&4&5	QPSK	38	20	38099	1	0	38	20	37901	1	99	20.29	21.70
CA_38C ECI3&4&5	QPSK	38	20	38150	1	0	38	20	37952	1	99	20.26	21.70
CA_38C ECI3&4&5	QPSK	38	20	37850	1	49	38	20	38048	50	0	20.16	21.70
CA_38C ECI3&4&5	QPSK	38	20	37901	1	49	38	20	38099	50	0	20.2	21.70
CA_38C ECI3&4&5	QPSK	38	20	38099	50	0	38	20	37901	1	49	20.21	21.70
CA_38C ECI3&4&5	QPSK	38	20	38150	50	0	38	20	37952	1	49	20.15	21.70

3.4 Conducted Power of UL_CA (Ant7)

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_7C ECI1&5	QPSK	7	20	20850	1	99	7	20	21048	1	0	17.29	18.00
CA_7C ECI1&5	QPSK	7	20	21100	1	99	7	20	21298	1	0	17.34	18.00
CA_7C ECI1&5	QPSK	7	20	21100	1	0	7	20	20902	1	99	17.39	18.00
CA_7C ECI1&5	QPSK	7	20	21350	1	0	7	20	21152	1	99	17.29	18.00
CA_7C ECI1&5	QPSK	7	20	20850	1	49	7	20	21048	50	0	17.22	18.00
CA_7C ECI1&5	QPSK	7	20	21100	1	49	7	20	21298	50	0	17.26	18.00
CA_7C ECI1&5	QPSK	7	20	21100	50	0	7	20	20902	1	49	17.29	18.00
CA_7C ECI1&5	QPSK	7	20	21350	50	0	7	20	21152	1	49	17.22	18.00

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_7C ECI3&4	QPSK	7	20	20850	1	99	7	20	21048	1	0	18.27	19.00
CA_7C ECI3&4	QPSK	7	20	21100	1	99	7	20	21298	1	0	18.48	19.00
CA_7C ECI3&4	QPSK	7	20	21100	1	0	7	20	20902	1	99	18.42	19.00
CA_7C ECI3&4	QPSK	7	20	21350	1	0	7	20	21152	1	99	18.46	19.00
CA_7C ECI3&4	QPSK	7	20	20850	1	49	7	20	21048	50	0	18.26	19.00
CA_7C ECI3&4	QPSK	7	20	21100	1	49	7	20	21298	50	0	18.31	19.00
CA_7C ECI3&4	QPSK	7	20	21100	50	0	7	20	20902	1	49	18.35	19.00
CA_7C ECI3&4	QPSK	7	20	21350	50	0	7	20	21152	1	49	18.22	19.00

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_38C ECI1&5	QPSK	38	20	37850	1	99	38	20	38048	1	0	17.00	18.00
CA_38C ECI1&5	QPSK	38	20	37901	1	99	38	20	38099	1	0	16.93	18.00
CA_38C ECI1&5	QPSK	38	20	38099	1	0	38	20	37901	1	99	17.01	18.00
CA_38C ECI1&5	QPSK	38	20	38150	1	0	38	20	37952	1	99	16.97	18.00
CA_38C ECI1&5	QPSK	38	20	37850	1	49	38	20	38048	50	0	17.02	18.00
CA_38C ECI1&5	QPSK	38	20	37901	1	49	38	20	38099	50	0	17	18.00
CA_38C ECI1&5	QPSK	38	20	38099	50	0	38	20	37901	1	49	17.03	18.00
CA_38C ECI1&5	QPSK	38	20	38150	50	0	38	20	37952	1	49	17.02	18.00

Combination	Modulation	PCC					SCC					Power		Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset			
CA_38C ECI3&4	QPSK	38	20	37850	1	99	38	20	38048	1	0	20.01		21.00
CA_38C ECI3&4	QPSK	38	20	37901	1	99	38	20	38099	1	0	20.01		21.00
CA_38C ECI3&4	QPSK	38	20	38099	1	0	38	20	37901	1	99	20.08		21.00
CA_38C ECI3&4	QPSK	38	20	38150	1	0	38	20	37952	1	99	20.02		21.00
CA_38C ECI3&4	QPSK	38	20	37850	1	49	38	20	38048	50	0	20.00		21.00
CA_38C ECI3&4	QPSK	38	20	37901	1	49	38	20	38099	50	0	19.98		21.00
CA_38C ECI3&4	QPSK	38	20	38099	50	0	38	20	37901	1	49	20.05		21.00
CA_38C ECI3&4	QPSK	38	20	38150	50	0	38	20	37952	1	49	20.02		21.00

4 Conducted Power of WIFI and Bluetooth

4.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant 10 Head					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	13.62	14.00
	6	2437		13.64	14.00
	11	2462		13.61	14.00
802.11g	1	2412	6	13.52	14.00
	6	2437		13.66	14.00
	11	2462		13.59	14.00
802.11n HT20	1	2412	6.5	13.64	14.00
	6	2437		13.55	14.00
	11	2462		13.63	14.00
802.11n HT40	3	2422	13.5	13.65	14.00
	6	2437		13.57	14.00
	9	2452		13.61	14.00
802.11ax HE20	1	2412	MCS0	13.56	14.00
	6	2437		13.62	14.00
	11	2462		13.56	14.00
802.11ax HE40	3	2422	MCS0	13.60	14.00
	6	2437		13.66	14.00
	9	2452		13.59	14.00

WIFI 2.4G Ant 10 Head For Simultaneous					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	8.56	9.00
	6	2437		8.51	9.00
	11	2462		8.65	9.00
802.11g	1	2412	6	8.46	9.00
	6	2437		8.50	9.00
	11	2462		8.40	9.00
802.11n HT20	1	2412	6.5	8.53	9.00
	6	2437		8.66	9.00
	11	2462		8.50	9.00
802.11n HT40	3	2422	13.5	8.52	9.00
	6	2437		8.38	9.00
	9	2452		8.78	9.00
802.11ax HE20	1	2412	MCS0	8.42	9.00
	6	2437		8.49	9.00
	11	2462		8.50	9.00
802.11ax HE40	3	2422	MCS0	8.65	9.00
	6	2437		8.59	9.00
	9	2452		8.65	9.00

WIFI 2.4G Ant 10 Body-worn					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.58	15.00
	6	2437		14.72	15.00
	11	2462		14.69	15.00
802.11g	1	2412	6	14.53	15.00
	6	2437		14.52	15.00
	11	2462		14.66	15.00
802.11n HT20	1	2412	6.5	14.49	15.00
	6	2437		14.75	15.00
	11	2462		14.81	15.00
802.11n HT40	3	2422	13.5	14.08	14.50
	6	2437		14.00	14.50
	9	2452		14.06	14.50
802.11ax HE20	1	2412	MCS0	14.68	15.00
	6	2437		14.70	15.00
	11	2462		14.94	15.00
802.11ax HE40	3	2422	MCS0	14.94	15.00
	6	2437		14.66	15.00
	9	2452		14.88	15.00

WIFI 2.4G Ant 10 Body-worn For Simultaneous					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	9.42	10.00
	6	2437		9.84	10.00
	11	2462		9.78	10.00
802.11g	1	2412	6	9.67	10.00
	6	2437		9.53	10.00
	11	2462		9.62	10.00
802.11n HT20	1	2412	6.5	9.59	10.00
	6	2437		9.94	10.00
	11	2462		9.68	10.00
802.11n HT40	3	2422	13.5	9.42	10.00
	6	2437		9.31	10.00
	9	2452		9.63	10.00
802.11ax HE20	1	2412	MCS0	9.68	10.00
	6	2437		9.62	10.00
	11	2462		9.55	10.00
802.11ax HE40	3	2422	MCS0	9.89	10.00
	6	2437		9.47	10.00
	9	2452		9.88	10.00

WIFI 2.4G Ant 10 Hotspot					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.20	16.50
	6	2437		16.36	16.50
	11	2462		16.03	16.50
802.11g	1	2412	6	16.11	16.50
	6	2437		16.02	16.50
	11	2462		16.26	16.50
802.11n HT20	1	2412	6.5	16.00	16.50
	6	2437		16.38	16.50
	11	2462		16.31	16.50
802.11n HT40	3	2422	13.5	14.18	14.50
	6	2437		14.03	14.50
	9	2452		14.18	14.50
802.11ax HE20	1	2412	MCS0	15.64	16.00
	6	2437		15.87	16.00
	11	2462		15.74	16.00
802.11ax HE40	3	2422	MCS0	14.56	15.00
	6	2437		14.59	15.00
	9	2452		14.80	15.00

WIFI 2.4G Ant 12 Head					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	13.56	14.00
	6	2437		13.64	14.00
	11	2462		13.58	14.00
802.11g	1	2412	6	13.42	14.00
	6	2437		13.46	14.00
	11	2462		13.41	14.00
802.11n HT20	1	2412	6.5	13.47	14.00
	6	2437		13.63	14.00
	11	2462		13.38	14.00
802.11n HT40	3	2422	13.5	13.54	14.00
	6	2437		13.62	14.00
	9	2452		13.65	14.00
802.11ax HE20	1	2412	MCS0	13.45	14.00
	6	2437		13.31	14.00
	11	2462		13.53	14.00
802.11ax HE40	3	2422	MCS0	13.45	14.00
	6	2437		13.71	14.00
	9	2452		13.68	14.00

WIFI 2.4G Ant 12 Head For Simultaneous					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	8.47	9.00
	6	2437		8.77	9.00
	11	2462		8.76	9.00
802.11g	1	2412	6	8.39	9.00
	6	2437		8.51	9.00
	11	2462		8.35	9.00
802.11n HT20	1	2412	6.5	8.54	9.00
	6	2437		8.67	9.00
	11	2462		8.48	9.00
802.11n HT40	3	2422	13.5	8.64	9.00
	6	2437		8.45	9.00
	9	2452		8.52	9.00
802.11ax HE20	1	2412	MCS0	8.37	9.00
	6	2437		8.27	9.00
	11	2462		8.58	9.00
802.11ax HE40	3	2422	MCS0	8.54	9.00
	6	2437		8.61	9.00
	9	2452		8.64	9.00

WIFI 2.4G Ant 12 Body-worn					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.47	15.00
	6	2437		14.73	15.00
	11	2462		14.33	15.00
802.11g	1	2412	6	14.37	15.00
	6	2437		14.49	15.00
	11	2462		14.52	15.00
802.11n HT20	1	2412	6.5	14.57	15.00
	6	2437		14.45	15.00
	11	2462		14.71	15.00
802.11n HT40	3	2422	13.5	13.94	14.50
	6	2437		14.17	14.50
	9	2452		14.03	14.50
802.11ax HE20	1	2412	MCS0	14.55	15.00
	6	2437		14.58	15.00
	11	2462		14.54	15.00
802.11ax HE40	3	2422	MCS0	14.68	15.00
	6	2437		14.55	15.00
	9	2452		14.32	15.00

WIFI 2.4G Ant 12 Body-worn For Simultaneous					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	9.53	10.00
	6	2437		9.56	10.00
	11	2462		9.27	10.00
802.11g	1	2412	6	9.21	10.00
	6	2437		9.30	10.00
	11	2462		9.69	10.00
802.11n HT20	1	2412	6.5	9.39	10.00
	6	2437		9.44	10.00
	11	2462		9.54	10.00
802.11n HT40	3	2422	13.5	9.28	10.00
	6	2437		9.63	10.00
	9	2452		9.56	10.00
802.11ax HE20	1	2412	MCS0	9.55	10.00
	6	2437		9.59	10.00
	11	2462		9.37	10.00
802.11ax HE40	3	2422	MCS0	9.82	10.00
	6	2437		9.56	10.00
	9	2452		9.50	10.00

WIFI 2.4G Ant 12 Hotspot					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.02	16.50
	6	2437		16.05	16.50
	11	2462		16.00	16.50
802.11g	1	2412	6	15.99	16.50
	6	2437		16.06	16.50
	11	2462		15.98	16.50
802.11n HT20	1	2412	6.5	16.18	16.50
	6	2437		16.07	16.50
	11	2462		15.82	16.50
802.11n HT40	3	2422	13.5	14.12	14.50
	6	2437		14.10	14.50
	9	2452		14.21	14.50
802.11ax HE20	1	2412	MCS0	15.32	16.00
	6	2437		15.71	16.00
	11	2462		15.38	16.00
802.11ax HE40	3	2422	MCS0	14.33	15.00
	6	2437		14.41	15.00
	9	2452		14.44	15.00

WIFI 2.4G MIMO Head					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	/	/
	6	2437		/	/
	11	2462		/	/
802.11g	1	2412	6	16.48	17.00
	6	2437		16.57	17.00
	11	2462		16.51	17.00
802.11n HT20	1	2412	6.5	16.57	17.00
	6	2437		16.60	17.00
	11	2462		16.52	17.00
802.11n HT40	3	2422	13.5	16.61	17.00
	6	2437		16.61	17.00
	9	2452		16.64	17.00
802.11ax HE20	1	2412	MCS0	16.52	17.00
	6	2437		16.48	17.00
	11	2462		16.56	17.00
802.11ax HE40	3	2422	MCS0	16.54	17.00
	6	2437		16.70	17.00
	9	2452		16.65	17.00

WIFI 2.4G MIMO Head For Simultaneous					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	/	/
	6	2437		/	/
	11	2462		/	/
802.11g	1	2412	6	11.44	12.00
	6	2437		11.52	12.00
	11	2462		11.39	12.00
802.11n HT20	1	2412	6.5	11.55	12.00
	6	2437		11.68	12.00
	11	2462		11.50	12.00
802.11n HT40	3	2422	13.5	11.59	12.00
	6	2437		11.43	12.00
	9	2452		11.66	12.00
802.11ax HE20	1	2412	MCS0	11.41	12.00
	6	2437		11.39	12.00
	11	2462		11.55	12.00
802.11ax HE40	3	2422	MCS0	11.61	12.00
	6	2437		11.61	12.00
	9	2452		11.66	12.00

WIFI 2.4G MIMO Body-worn					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	/	/
	6	2437		/	/
	11	2462		/	/
802.11g	1	2412	6	17.46	18.00
	6	2437		17.52	18.00
	11	2462		17.60	18.00
802.11n HT20	1	2412	6.5	17.54	18.00
	6	2437		17.61	18.00
	11	2462		17.77	18.00
802.11n HT40	3	2422	13.5	17.02	17.50
	6	2437		17.10	17.50
	9	2452		17.06	17.50
802.11ax HE20	1	2412	MCS0	17.63	18.00
	6	2437		17.65	18.00
	11	2462		17.75	18.00
802.11ax HE40	3	2422	MCS0	17.82	18.00
	6	2437		17.62	18.00
	9	2452		17.62	18.00

WIFI 2.4G MIMO Body-worn For Simultaneous					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	/	/
	6	2437		/	/
	11	2462		/	/
802.11g	1	2412	6	12.46	13.00
	6	2437		12.43	13.00
	11	2462		12.67	13.00
802.11n HT20	1	2412	6.5	12.50	13.00
	6	2437		12.71	13.00
	11	2462		12.62	13.00
802.11n HT40	3	2422	13.5	12.36	13.00
	6	2437		12.48	13.00
	9	2452		12.61	13.00
802.11ax HE20	1	2412	MCS0	12.63	13.00
	6	2437		12.62	13.00
	11	2462		12.47	13.00
802.11ax HE40	3	2422	MCS0	12.87	13.00
	6	2437		12.53	13.00
	9	2452		12.70	13.00

WIFI 2.4G MIMO Hotspot					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	/	/
	6	2437		/	/
	11	2462		/	/
802.11g	1	2412	6	19.06	19.50
	6	2437		19.05	19.50
	11	2462		19.13	19.50
802.11n HT20	1	2412	6.5	19.10	19.50
	6	2437		19.24	19.50
	11	2462		19.08	19.50
802.11n HT40	3	2422	13.5	17.16	17.50
	6	2437		17.08	17.50
	9	2452		17.21	17.50
802.11ax HE20	1	2412	MCS0	18.49	19.00
	6	2437		18.80	19.00
	11	2462		18.57	19.00
802.11ax HE40	3	2422	MCS0	17.46	18.00
	6	2437		17.51	18.00
	9	2452		17.63	18.00

4.2 Conducted Power of 5G WIFI

WIFI 5G Ant 8 Head						
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz U-NII-1	802.11a	36	5180	13.85	14.50	
		40	5200	14.09	14.50	
		44	5220	14.08	14.50	
		48	5240	14.17	14.50	
	802.11n HT20	36	5180	13.93	14.50	
		40	5200	14.05	14.50	
		44	5220	14.15	14.50	
		48	5240	14.06	14.50	
	802.11n HT40	38	5190	14.09	14.50	
		46	5230	14.12	14.50	
	802.11ac VHT20	36	5180	13.90	14.50	
		40	5200	14.18	14.50	
		44	5220	14.21	14.50	
		48	5240	13.85	14.50	
	802.11ac VHT40	38	5190	13.84	14.50	
		46	5230	14.10	14.50	
	802.11ac VHT80	42	5210	13.57	14.00	
		802.11ax HE20	36	5180	13.95	14.50
	40		5200	14.19	14.50	
	44		5220	14.06	14.50	
	48		5240	13.98	14.50	
	802.11ax HE40	38	5190	14.02	14.50	
		46	5230	13.92	14.50	
	802.11ax HE80	42	5210	12.51	13.00	
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
	5GHz U-NII-2A	802.11a	52	5260	13.96	14.50
56			5280	14.23	14.50	
60			5300	14.20	14.50	
64			5320	14.04	14.50	
802.11n HT20		52	5260	13.99	14.50	
		56	5280	14.12	14.50	
		60	5300	13.98	14.50	
		64	5320	14.02	14.50	
802.11n HT40		54	5270	14.10	14.50	
		62	5310	13.86	14.50	
802.11ac VHT20		52	5260	14.08	14.50	
		56	5280	13.84	14.50	
		60	5300	14.03	14.50	
		64	5320	14.19	14.50	
802.11ac VHT40		54	5270	14.03	14.50	
		62	5310	14.08	14.50	
802.11ac VHT80		58	5290	13.51	14.00	
		802.11ac VHT160	50	5250	10.67	11.00
802.11ax HE20			52	5260	14.22	14.50
		56	5280	14.05	14.50	
		60	5300	14.23	14.50	
		64	5320	14.21	14.50	
802.11ax HE40		54	5270	14.13	14.50	
		62	5310	13.95	14.50	
802.11ax HE80		58	5290	12.62	13.00	
802.11ax HE160		50	5250	10.21	10.50	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz UNII-2C	802.11a	100	5500	14.45	15.00	
		104	5520	14.32	15.00	
		108	5540	14.64	15.00	
		112	5560	14.68	15.00	
		116	5580	14.58	15.00	
		120	5600	14.34	15.00	

		124	5620	14.61	15.00
		128	5640	14.54	15.00
		132	5660	14.54	15.00
		136	5680	14.49	15.00
		140	5700	14.63	15.00
802.11n HT20		144	5720	14.61	15.00
		100	5500	14.64	15.00
		104	5520	14.47	15.00
		108	5540	14.53	15.00
		112	5560	14.41	15.00
		116	5580	14.67	15.00
		120	5600	14.49	15.00
		124	5620	14.45	15.00
		128	5640	14.45	15.00
		132	5660	14.53	15.00
		136	5680	14.47	15.00
		140	5700	14.58	15.00
		144	5720	14.70	15.00
		102	5510	14.72	15.00
		110	5550	14.67	15.00
		118	5590	14.60	15.00
802.11n HT40		126	5630	14.51	15.00
		134	5670	14.56	15.00
		142	5710	14.63	15.00
		100	5500	14.69	15.00
		104	5520	14.53	15.00
		108	5540	14.37	15.00
802.11ac VHT20		112	5560	14.63	15.00
		116	5580	14.30	15.00
		120	5600	14.39	15.00
		124	5620	14.36	15.00
		128	5640	14.74	15.00
		132	5660	14.31	15.00
		136	5680	14.50	15.00
		140	5700	14.58	15.00
		144	5720	14.42	15.00
		102	5510	14.41	15.00
		110	5550	14.34	15.00
802.11ac VHT40		118	5590	14.46	15.00
		126	5630	14.52	15.00
		134	5670	14.32	15.00
		142	5710	14.58	15.00
		106	5530	13.96	14.50
		122	5610	14.12	14.50
802.11ac VHT80		138	5690	13.96	14.50
		114	5570	12.83	13.50
802.11ac VHT160		100	5500	14.64	15.00
		104	5520	14.43	15.00
		108	5540	14.61	15.00
		112	5560	14.52	15.00
		116	5580	14.45	15.00
		120	5600	14.36	15.00
		124	5620	14.47	15.00
		128	5640	14.63	15.00
		132	5660	14.57	15.00
		136	5680	14.49	15.00
		140	5700	14.62	15.00
		144	5720	14.62	15.00
802.11ax HE20		102	5510	14.70	15.00
		110	5550	14.48	15.00
		118	5590	14.53	15.00
		126	5630	14.56	15.00
		134	5670	14.35	15.00
		142	5710	14.55	15.00
802.11ax HE40		106	5530	13.89	14.50
		122	5610	14.05	14.50
		138	5690	13.83	14.50
802.11ax HE80		114	5570	12.30	13.00

5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	14.03	14.50
		157	5785	14.10	14.50
		165	5825	14.07	14.50
	802.11n HT20	149	5745	14.00	14.50
		157	5785	13.96	14.50
		165	5825	14.07	14.50
	802.11n HT40	151	5755	13.91	14.50
		159	5795	13.99	14.50
	802.11ac VHT20	149	5745	13.81	14.50
		157	5785	13.86	14.50
		165	5825	14.17	14.50
	802.11ac VHT40	151	5755	13.91	14.50
		159	5795	13.85	14.50
	802.11ac VHT80	155	5775	13.39	14.00
	802.11ax HE20	149	5745	14.24	14.50
		157	5785	13.83	14.50
		165	5825	14.14	14.50
	802.11ax HE40	151	5755	14.20	14.50
		159	5795	13.82	14.50
	802.11ax HE80	155	5775	13.60	14.00

WIFI 5G Ant 8 Head For Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	7.52	8.00
		40	5200	7.70	8.00
		44	5220	7.68	8.00
		48	5240	7.56	8.00
	802.11n HT20	36	5180	7.24	8.00
		40	5200	7.37	8.00
		44	5220	7.50	8.00
		48	5240	7.64	8.00
	802.11n HT40	38	5190	7.47	8.00
		46	5230	7.48	8.00
	802.11ac VHT20	36	5180	7.31	8.00
		40	5200	7.71	8.00
		44	5220	7.84	8.00
		48	5240	7.27	8.00
	802.11ac VHT40	38	5190	7.33	8.00
		46	5230	7.55	8.00
	802.11ac VHT80	42	5210	7.03	7.50
	802.11ax HE20	36	5180	7.63	8.00
		40	5200	7.59	8.00
		44	5220	7.48	8.00
		48	5240	7.48	8.00
	802.11ax HE40	38	5190	7.65	8.00
		46	5230	7.55	8.00
	802.11ax HE80	42	5210	5.84	6.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	7.37	8.00
		56	5280	7.65	8.00
		60	5300	7.58	8.00
		64	5320	7.59	8.00
	802.11n HT20	52	5260	7.56	8.00
		56	5280	7.66	8.00
		60	5300	7.53	8.00
		64	5320	7.58	8.00
	802.11n HT40	54	5270	7.68	8.00
		62	5310	7.29	8.00
	802.11ac VHT20	52	5260	7.41	8.00
		56	5280	7.31	8.00
		60	5300	7.66	8.00
		64	5320	7.54	8.00

	802.11ac VHT40	54	5270	7.56	8.00
		62	5310	7.63	8.00
	802.11ac VHT80	58	5290	7.08	7.50
	802.11ac VHT160	50	5250	4.29	4.50
	802.11ax HE20	52	5260	7.66	8.00
		56	5280	7.63	8.00
		60	5300	7.81	8.00
		64	5320	7.65	8.00
	802.11ax HE40	54	5270	7.75	8.00
		62	5310	7.28	8.00
	802.11ax HE80	58	5290	6.03	6.50
	802.11ax HE160	50	5250	3.57	4.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	8.39	9.00
		104	5520	8.32	9.00
		108	5540	8.55	9.00
		112	5560	8.62	9.00
		116	5580	8.70	9.00
		120	5600	8.31	9.00
		124	5620	8.56	9.00
		128	5640	8.53	9.00
		132	5660	8.49	9.00
		136	5680	8.47	9.00
		140	5700	8.50	9.00
		144	5720	8.61	9.00
	802.11n HT20	100	5500	8.69	9.00
		104	5520	8.40	9.00
		108	5540	8.49	9.00
		112	5560	8.41	9.00
		116	5580	8.63	9.00
		120	5600	8.62	9.00
		124	5620	8.28	9.00
		128	5640	8.47	9.00
		132	5660	8.59	9.00
		136	5680	8.50	9.00
		140	5700	8.52	9.00
		144	5720	8.85	9.00
	802.11n HT40	102	5510	8.73	9.00
		110	5550	8.60	9.00
		118	5590	8.59	9.00
		126	5630	8.35	9.00
		134	5670	8.65	9.00
		142	5710	8.68	9.00
	802.11ac VHT20	100	5500	8.59	9.00
		104	5520	8.60	9.00
		108	5540	8.34	9.00
		112	5560	8.72	9.00
		116	5580	8.30	9.00
		120	5600	8.29	9.00
		124	5620	8.27	9.00
		128	5640	8.59	9.00
		132	5660	8.18	9.00
		136	5680	8.53	9.00
		140	5700	8.42	9.00
		144	5720	8.47	9.00
	802.11ac VHT40	102	5510	8.49	9.00
		110	5550	8.26	9.00
		118	5590	8.54	9.00
		126	5630	8.42	9.00
		134	5670	8.29	9.00
		142	5710	8.57	9.00
	802.11ac VHT80	106	5530	8.13	8.50
		122	5610	7.94	8.50
		138	5690	7.90	8.50
	802.11ac	114	5570	6.84	7.50

	VHT160				
	802.11ax HE20	100	5500	8.54	9.00
		104	5520	8.41	9.00
		108	5540	8.76	9.00
		112	5560	8.55	9.00
		116	5580	8.61	9.00
		120	5600	8.46	9.00
		124	5620	8.62	9.00
		128	5640	8.48	9.00
		132	5660	8.40	9.00
		136	5680	8.54	9.00
		140	5700	8.70	9.00
		144	5720	8.60	9.00
	802.11ax HE40	102	5510	8.71	9.00
		110	5550	8.52	9.00
		118	5590	8.36	9.00
		126	5630	8.48	9.00
		134	5670	8.31	9.00
		142	5710	8.73	9.00
	802.11ax HE80	106	5530	8.05	8.50
		122	5610	8.06	8.50
		138	5690	7.76	8.50
	802.11ax HE160	114	5570	6.42	7.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	7.49	8.00
		157	5785	7.51	8.00
		165	5825	7.57	8.00
	802.11n HT20	149	5745	7.34	8.00
		157	5785	7.32	8.00
		165	5825	7.71	8.00
	802.11n HT40	151	5755	7.32	8.00
		159	5795	7.65	8.00
	802.11ac VHT20	149	5745	7.33	8.00
		157	5785	7.30	8.00
		165	5825	7.81	8.00
	802.11ac VHT40	151	5755	7.46	8.00
		159	5795	7.47	8.00
	802.11ac VHT80	155	5775	7.05	7.50
	802.11ax HE20	149	5745	7.76	8.00
		157	5785	7.24	8.00
		165	5825	7.46	8.00
	802.11ax HE40	151	5755	7.59	8.00
		159	5795	7.16	8.00
	802.11ax HE80	155	5775	7.02	7.50

WIFI 5G Ant 8 Body-worn					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	15.04	15.50
		40	5200	14.87	15.50
		44	5220	15.14	15.50
		48	5240	14.94	15.50
	802.11n HT20	36	5180	14.99	15.50
		40	5200	15.00	15.50
		44	5220	15.18	15.50
		48	5240	14.87	15.50
	802.11n HT40	38	5190	14.95	15.50
		46	5230	15.17	15.50
	802.11ac VHT20	36	5180	15.06	15.50
		40	5200	15.22	15.50
		44	5220	15.07	15.50
		48	5240	15.13	15.50
	802.11ac VHT40	38	5190	14.98	15.50
		46	5230	15.03	15.50
	802.11ac VHT80	42	5210	13.34	14.00

	802.11ax HE20	36	5180	14.83	15.50
		40	5200	15.06	15.50
		44	5220	14.86	15.50
		48	5240	14.80	15.50
	802.11ax HE40	38	5190	14.85	15.50
		46	5230	14.95	15.50
	802.11ax HE80	42	5210	12.54	13.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	15.12	15.50
		56	5280	14.82	15.50
		60	5300	15.19	15.50
		64	5320	14.89	15.50
	802.11n HT20	52	5260	15.13	15.50
		56	5280	15.05	15.50
		60	5300	15.23	15.50
		64	5320	15.21	15.50
	802.11n HT40	54	5270	15.20	15.50
		62	5310	15.07	15.50
	802.11ac VHT20	52	5260	14.96	15.50
		56	5280	14.83	15.50
		60	5300	15.02	15.50
		64	5320	14.95	15.50
	802.11ac VHT40	54	5270	15.11	15.50
		62	5310	15.22	15.50
	802.11ac VHT80	58	5290	13.51	14.00
	802.11ac VHT160	50	5250	10.40	11.00
	802.11ax HE20	52	5260	15.22	15.50
		56	5280	14.81	15.50
		60	5300	15.17	15.50
		64	5320	14.95	15.50
	802.11ax HE40	54	5270	14.96	15.50
		62	5310	15.16	15.50
	802.11ax HE80	58	5290	12.68	13.00
	802.11ax HE160	50	5250	10.19	10.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	15.77	16.50
		104	5520	15.95	16.50
		108	5540	15.92	16.50
		112	5560	15.90	16.50
		116	5580	16.11	16.50
		120	5600	16.08	16.50
		124	5620	15.88	16.50
		128	5640	16.20	16.50
		132	5660	16.17	16.50
		136	5680	16.01	16.50
		140	5700	16.21	16.50
		144	5720	16.01	16.50
	802.11n HT20	100	5500	16.04	16.50
		104	5520	16.08	16.50
		108	5540	16.10	16.50
		112	5560	16.00	16.50
		116	5580	15.87	16.50
		120	5600	15.80	16.50
		124	5620	16.09	16.50
		128	5640	16.16	16.50
		132	5660	16.09	16.50
		136	5680	16.21	16.50
		140	5700	15.91	16.50
		144	5720	15.95	16.50
	802.11n HT40	102	5510	15.89	16.50
		110	5550	16.16	16.50
		118	5590	15.78	16.50
		126	5630	15.93	16.50
		134	5670	15.96	16.50

	802.11ac VHT20	142	5710	16.02	16.50
		100	5500	15.79	16.50
		104	5520	15.99	16.50
		108	5540	16.02	16.50
		112	5560	15.99	16.50
		116	5580	16.02	16.50
		120	5600	15.85	16.50
		124	5620	15.84	16.50
		128	5640	15.78	16.50
		132	5660	16.19	16.50
		136	5680	16.07	16.50
		140	5700	16.20	16.50
		144	5720	16.19	16.50
	802.11ac VHT40	102	5510	16.00	16.50
		110	5550	16.14	16.50
		118	5590	16.12	16.50
		126	5630	15.97	16.50
		134	5670	15.85	16.50
		142	5710	15.98	16.50
	802.11ac VHT80	106	5530	15.55	16.00
		122	5610	15.64	16.00
		138	5690	15.73	16.00
	802.11ac VHT160	114	5570	12.98	13.50
	802.11ax HE20	100	5500	15.88	16.50
		104	5520	15.88	16.50
		108	5540	15.88	16.50
		112	5560	15.83	16.50
		116	5580	15.85	16.50
		120	5600	15.85	16.50
		124	5620	16.18	16.50
		128	5640	15.91	16.50
		132	5660	15.80	16.50
		136	5680	16.06	16.50
		140	5700	16.21	16.50
		144	5720	15.82	16.50
	802.11ax HE40	102	5510	15.77	16.50
		110	5550	16.23	16.50
		118	5590	15.99	16.50
		126	5630	15.93	16.50
		134	5670	15.89	16.50
		142	5710	15.94	16.50
	802.11ax HE80	106	5530	15.55	16.00
		122	5610	15.59	16.00
		138	5690	15.28	16.00
	802.11ax HE160	114	5570	12.51	13.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	16.28	17.00
		157	5785	16.50	17.00
		165	5825	16.27	17.00
	802.11n HT20	149	5745	16.70	17.00
		157	5785	16.29	17.00
		165	5825	16.63	17.00
	802.11n HT40	151	5755	16.41	17.00
		159	5795	16.70	17.00
	802.11ac VHT20	149	5745	16.65	17.00
		157	5785	16.66	17.00
		165	5825	16.66	17.00
	802.11ac VHT40	151	5755	16.54	17.00
		159	5795	16.36	17.00
	802.11ac VHT80	155	5775	15.27	16.00
	802.11ax HE20	149	5745	16.42	17.00
		157	5785	16.40	17.00
		165	5825	16.58	17.00
	802.11ax HE40	151	5755	16.33	17.00
		159	5795	16.48	17.00
	802.11ax	155	5775	15.33	16.00

		HE80			
WIFI 5G Ant 8 Body-worn For Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	10.00	10.50
		40	5200	9.86	10.50
		44	5220	10.09	10.50
		48	5240	9.83	10.50
	802.11n HT20	36	5180	10.16	10.50
		40	5200	9.88	10.50
		44	5220	10.32	10.50
		48	5240	9.84	10.50
	802.11n HT40	38	5190	9.94	10.50
		46	5230	10.15	10.50
	802.11ac VHT20	36	5180	10.15	10.50
		40	5200	10.08	10.50
		44	5220	10.22	10.50
		48	5240	10.13	10.50
	802.11ac VHT40	38	5190	10.03	10.50
		46	5230	10.11	10.50
	802.11ac VHT80	42	5210	8.28	9.00
	802.11ax HE20	36	5180	9.84	10.50
		40	5200	9.93	10.50
		44	5220	9.69	10.50
		48	5240	9.91	10.50
	802.11ax HE40	38	5190	9.71	10.50
		46	5230	10.07	10.50
	802.11ax HE80	42	5210	7.51	8.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	10.01	10.50
		56	5280	9.71	10.50
		60	5300	10.27	10.50
		64	5320	9.72	10.50
	802.11n HT20	52	5260	10.08	10.50
		56	5280	10.22	10.50
		60	5300	10.10	10.50
		64	5320	10.16	10.50
	802.11n HT40	54	5270	10.04	10.50
		62	5310	10.07	10.50
	802.11ac VHT20	52	5260	10.00	10.50
		56	5280	9.72	10.50
		60	5300	9.88	10.50
		64	5320	9.84	10.50
	802.11ac VHT40	54	5270	9.96	10.50
		62	5310	10.39	10.50
	802.11ac VHT80	58	5290	8.50	9.00
	802.11ac VHT160	50	5250	5.33	6.00
	802.11ax HE20	52	5260	10.24	10.50
		56	5280	9.76	10.50
		60	5300	10.22	10.50
		64	5320	9.86	10.50
	802.11ax HE40	54	5270	10.00	10.50
		62	5310	10.11	10.50
	802.11ax HE80	58	5290	7.61	8.00
	802.11ax HE160	50	5250	5.24	5.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	10.67	11.50
		104	5520	10.78	11.50
		108	5540	10.80	11.50
		112	5560	10.96	11.50
		116	5580	11.30	11.50

		120	5600	10.97	11.50
		124	5620	10.76	11.50
		128	5640	11.14	11.50
		132	5660	11.23	11.50
		136	5680	11.13	11.50
		140	5700	11.19	11.50
		144	5720	11.17	11.50
	802.11n HT20	100	5500	11.03	11.50
		104	5520	11.00	11.50
		108	5540	10.98	11.50
		112	5560	11.08	11.50
		116	5580	11.05	11.50
		120	5600	10.67	11.50
		124	5620	11.22	11.50
		128	5640	11.09	11.50
		132	5660	11.24	11.50
		136	5680	11.09	11.50
		140	5700	10.96	11.50
		144	5720	10.98	11.50
	802.11n HT40	102	5510	10.99	11.50
		110	5550	11.25	11.50
		118	5590	10.97	11.50
		126	5630	11.04	11.50
		134	5670	10.96	11.50
	802.11ac VHT20	142	5710	10.93	11.50
		100	5500	10.75	11.50
		104	5520	11.10	11.50
		108	5540	11.06	11.50
		112	5560	11.17	11.50
		116	5580	11.03	11.50
		120	5600	10.68	11.50
		124	5620	10.73	11.50
		128	5640	10.79	11.50
		132	5660	11.27	11.50
		136	5680	10.95	11.50
		140	5700	11.26	11.50
	802.11ac VHT40	144	5720	11.22	11.50
		102	5510	10.95	11.50
		110	5550	11.23	11.50
		118	5590	11.12	11.50
		126	5630	10.79	11.50
	802.11ac VHT80	134	5670	10.79	11.50
		142	5710	10.87	11.50
		106	5530	10.66	11.00
	802.11ac VHT160	122	5610	10.47	11.00
		138	5690	10.68	11.00
		114	5570	8.13	8.50
	802.11ax HE20	100	5500	10.99	11.50
		104	5520	10.95	11.50
		108	5540	10.70	11.50
		112	5560	10.68	11.50
		116	5580	10.86	11.50
		120	5600	11.03	11.50
		124	5620	11.35	11.50
		128	5640	11.01	11.50
		132	5660	10.85	11.50
		136	5680	11.02	11.50
		140	5700	11.15	11.50
		144	5720	10.96	11.50
	802.11ax HE40	102	5510	10.92	11.50
		110	5550	11.09	11.50
		118	5590	10.89	11.50
		126	5630	10.91	11.50
		134	5670	10.93	11.50
	802.11ax HE80	142	5710	10.91	11.50
		106	5530	10.60	11.00
		122	5610	10.73	11.00
	802.11ax	138	5690	10.25	11.00
		114	5570	7.43	8.00

HE160					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	10.24	11.00
		157	5785	10.67	11.00
		165	5825	10.10	11.00
	802.11n HT20	149	5745	10.54	11.00
		157	5785	10.36	11.00
		165	5825	10.77	11.00
	802.11n HT40	151	5755	10.47	11.00
		159	5795	10.68	11.00
	802.11ac VHT20	149	5745	10.47	11.00
		157	5785	10.48	11.00
		165	5825	10.79	11.00
	802.11ac VHT40	151	5755	10.62	11.00
		159	5795	10.42	11.00
	802.11ac VHT80	155	5775	9.34	10.00
		149	5745	10.47	11.00
	802.11ax HE20	157	5785	10.43	11.00
		165	5825	10.42	11.00
	802.11ax HE40	151	5755	10.38	11.00
		159	5795	10.62	11.00
	802.11ax HE80	155	5775	9.49	10.00

WIFI 5G Ant 8 Hotspot						
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz U-NII-1	802.11a	36	5180	15.54	16.00	
		40	5200	15.46	16.00	
		44	5220	15.28	16.00	
		48	5240	15.69	16.00	
	802.11n HT20	36	5180	16.07	16.50	
		40	5200	15.97	16.50	
		44	5220	15.79	16.50	
		48	5240	16.04	16.50	
	802.11n HT40	38	5190	16.36	17.00	
		46	5230	16.60	17.00	
	802.11ac VHT20	36	5180	15.92	16.50	
		40	5200	15.90	16.50	
		44	5220	16.15	16.50	
		48	5240	16.05	16.50	
	802.11ac VHT40	38	5190	16.50	17.00	
		46	5230	16.44	17.00	
	802.11ac VHT80	42	5210	13.49	14.00	
		802.11ax HE20	36	5180	14.30	15.00
	40		5200	14.35	15.00	
	44		5220	14.54	15.00	
	48		5240	14.28	15.00	
	802.11ax HE40	38	5190	16.43	17.00	
		46	5230	16.39	17.00	
	802.11ax HE80	42	5210	12.39	13.00	
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
	5GHz U-NII-2A	802.11a	52	5260	/	/
56			5280	/	/	
60			5300	/	/	
64			5320	/	/	
802.11n HT20		52	5260	/	/	
		56	5280	/	/	
		60	5300	/	/	
		64	5320	/	/	
802.11n HT40		54	5270	/	/	
		62	5310	/	/	
802.11ac VHT20		52	5260	/	/	
		56	5280	/	/	
		60	5300	/	/	

		64	5320	/	/
	802.11ac VHT40	54	5270	/	/
		62	5310	/	/
	802.11ac VHT80	58	5290	/	/
	802.11ac VHT160	50	5250	/	/
	802.11ax HE20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11ax HE40	54	5270	/	/
		62	5310	/	/
	802.11ax HE80	58	5290	/	/
	802.11ax HE160	50	5250	/	/
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
	802.11n HT20	140	5700	/	/
		144	5720	/	/
		100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
	802.11n HT40	132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
		102	5510	/	/
	802.11ac VHT20	110	5550	/	/
		118	5590	/	/
		126	5630	/	/
		134	5670	/	/
		142	5710	/	/
		100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
	802.11ac VHT40	120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
		102	5510	/	/
		110	5550	/	/
		118	5590	/	/
	802.11ac VHT80	126	5630	/	/
		134	5670	/	/
		142	5710	/	/
		106	5530	/	/
		122	5610	/	/
		138	5690	/	/

	802.11ac VHT160	114	5570	/	/
	802.11ax HE20	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11ax HE40	102	5510	/	/
		110	5550	/	/
		118	5590	/	/
		126	5630	/	/
		134	5670	/	/
		142	5710	/	/
	802.11ax HE80	106	5530	/	/
		122	5610	/	/
		138	5690	/	/
	802.11ax HE160	114	5570	/	/
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	18.19	18.50
		157	5785	17.75	18.50
		165	5825	18.13	18.50
	802.11n HT20	149	5745	17.53	18.00
		157	5785	17.29	18.00
		165	5825	17.56	18.00
	802.11n HT40	151	5755	16.31	17.00
		159	5795	16.27	17.00
	802.11ac VHT20	149	5745	17.47	18.00
		157	5785	17.56	18.00
		165	5825	17.68	18.00
	802.11ac VHT40	151	5755	16.62	17.00
		159	5795	16.66	17.00
	802.11ac VHT80	155	5775	15.61	16.00
	802.11ax HE20	149	5745	17.55	18.00
		157	5785	17.65	18.00
		165	5825	17.28	18.00
	802.11ax HE40	151	5755	17.62	18.00
		159	5795	17.41	18.00
	802.11ax HE80	155	5775	17.30	18.00

WIFI 5G Ant 8 Hotspot For Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	13.21	13.50
		40	5200	12.97	13.50
		44	5220	12.79	13.50
		48	5240	13.13	13.50
	802.11n HT20	36	5180	13.63	14.00
		40	5200	13.33	14.00
		44	5220	13.28	14.00
		48	5240	13.37	14.00
	802.11n HT40	38	5190	13.77	14.50
		46	5230	13.93	14.50
	802.11ac VHT20	36	5180	13.37	14.00
		40	5200	13.42	14.00
		44	5220	13.58	14.00
		48	5240	13.47	14.00
	802.11ac VHT40	38	5190	13.95	14.50
		46	5230	14.02	14.50
	802.11ac	42	5210	11.07	11.50

	VHT80				
	802.11ax HE20	36	5180	11.96	12.50
		40	5200	11.91	12.50
		44	5220	11.92	12.50
		48	5240	11.91	12.50
	802.11ax HE40	38	5190	13.82	14.50
		46	5230	14.06	14.50
	802.11ax HE80	42	5210	9.70	10.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT40	54	5270	/	/
		62	5310	/	/
	802.11ac VHT20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11ac VHT40	54	5270	/	/
		62	5310	/	/
	802.11ac VHT80	58	5290	/	/
	802.11ac VHT160	50	5250	/	/
	802.11ax HE20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11ax HE40	54	5270	/	/
		62	5310	/	/
	802.11ax HE80	58	5290	/	/
	802.11ax HE160	50	5250	/	/
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11n HT20	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11n HT40	102	5510	/	/
		110	5550	/	/
		118	5590	/	/
		126	5630	/	/

		134	5670	/	/
		142	5710	/	/
	802.11ac VHT20	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11ac VHT40	102	5510	/	/
		110	5550	/	/
		118	5590	/	/
		126	5630	/	/
		134	5670	/	/
	802.11ac VHT80	106	5530	/	/
		122	5610	/	/
		138	5690	/	/
	802.11ac VHT160	114	5570	/	/
	802.11ax HE20	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
	802.11ax HE40	102	5510	/	/
		110	5550	/	/
		118	5590	/	/
		126	5630	/	/
		134	5670	/	/
	802.11ax HE80	106	5530	/	/
		122	5610	/	/
		138	5690	/	/
	802.11ax HE160	114	5570	/	/
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	12.37	12.50
		157	5785	11.68	12.50
		165	5825	12.29	12.50
	802.11n HT20	149	5745	11.65	12.00
		157	5785	11.25	12.00
		165	5825	11.56	12.00
	802.11n HT40	151	5755	10.45	11.00
		159	5795	10.15	11.00
	802.11ac VHT20	149	5745	11.37	12.00
		157	5785	11.45	12.00
		165	5825	11.57	12.00
	802.11ac VHT40	151	5755	10.56	11.00
		159	5795	10.75	11.00
	802.11ac VHT80	155	5775	9.45	10.00
	802.11ax HE20	149	5745	11.49	12.00
		157	5785	11.62	12.00
		165	5825	11.28	12.00
	802.11ax HE40	151	5755	11.68	12.00
		159	5795	11.57	12.00

	802.11ax HE80	155	5775	11.41	12.00
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WIFI 5G Ant 13 Head						
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz U-NII-1	802.11a	36	5180	14.05	14.50	
		40	5200	14.17	14.50	
		44	5220	14.22	14.50	
		48	5240	14.08	14.50	
	802.11n HT20	36	5180	14.15	14.50	
		40	5200	14.11	14.50	
		44	5220	14.15	14.50	
		48	5240	14.34	14.50	
	802.11n HT40	38	5190	14.08	14.50	
		46	5230	14.04	14.50	
	802.11ac VHT20	36	5180	14.14	14.50	
		40	5200	14.05	14.50	
		44	5220	14.22	14.50	
		48	5240	14.36	14.50	
	802.11ac VHT40	38	5190	14.20	14.50	
		46	5230	14.29	14.50	
	802.11ac VHT80	42	5210	13.86	14.00	
		802.11ax HE20	36	5180	14.40	14.50
	40		5200	14.06	14.50	
	44		5220	14.01	14.50	
	48		5240	13.99	14.50	
	802.11ax HE40	38	5190	14.15	14.50	
		46	5230	14.06	14.50	
	802.11ax HE80	42	5210	12.70	13.00	
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
	5GHz U-NII-2A	802.11a	52	5260	14.02	14.50
56			5280	14.20	14.50	
60			5300	14.30	14.50	
64			5320	14.30	14.50	
802.11n HT20		52	5260	14.17	14.50	
		56	5280	14.11	14.50	
		60	5300	14.23	14.50	
		64	5320	14.08	14.50	
802.11n HT40		54	5270	14.06	14.50	
		62	5310	14.22	14.50	
802.11ac VHT20		52	5260	14.43	14.50	
		56	5280	14.18	14.50	
		60	5300	14.30	14.50	
		64	5320	14.37	14.50	
802.11ac VHT40		54	5270	14.21	14.50	
		62	5310	14.26	14.50	
802.11ac VHT80		58	5290	13.61	14.00	
802.11ac VHT160		50	5250	10.93	11.00	
802.11ax HE20		52	5260	14.07	14.50	
		56	5280	14.04	14.50	
		60	5300	14.25	14.50	
		64	5320	14.10	14.50	
802.11ax HE40		54	5270	14.35	14.50	
		62	5310	14.03	14.50	
802.11ax HE80		58	5290	12.85	13.00	
802.11ax HE160		50	5250	10.19	10.50	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz UNII-2C		802.11a	100	5500	14.90	15.00
	104		5520	14.64	15.00	
	108		5540	14.53	15.00	
	112		5560	14.94	15.00	

		116	5580	14.58	15.00
		120	5600	14.87	15.00
		124	5620	14.74	15.00
		128	5640	14.81	15.00
		132	5660	14.93	15.00
		136	5680	14.54	15.00
		140	5700	14.80	15.00
		144	5720	14.74	15.00
	802.11n HT20	100	5500	14.73	15.00
		104	5520	14.85	15.00
		108	5540	14.95	15.00
		112	5560	14.66	15.00
		116	5580	14.91	15.00
		120	5600	14.90	15.00
		124	5620	14.81	15.00
		128	5640	14.74	15.00
		132	5660	14.81	15.00
		136	5680	14.95	15.00
		140	5700	14.71	15.00
		144	5720	14.69	15.00
	802.11n HT40	102	5510	14.76	15.00
		110	5550	14.84	15.00
		118	5590	14.72	15.00
		126	5630	14.54	15.00
		134	5670	14.74	15.00
		142	5710	14.79	15.00
	802.11ac VHT20	100	5500	14.85	15.00
		104	5520	14.94	15.00
		108	5540	14.58	15.00
		112	5560	14.59	15.00
		116	5580	14.67	15.00
		120	5600	14.57	15.00
		124	5620	14.79	15.00
		128	5640	14.87	15.00
		132	5660	14.78	15.00
		136	5680	14.66	15.00
		140	5700	14.71	15.00
		144	5720	14.79	15.00
	802.11ac VHT40	102	5510	14.77	15.00
		110	5550	14.74	15.00
		118	5590	14.67	15.00
		126	5630	14.50	15.00
		134	5670	14.68	15.00
		142	5710	14.85	15.00
	802.11ac VHT80	106	5530	14.20	14.50
		122	5610	14.01	14.50
		138	5690	14.43	14.50
	802.11ac VHT60	114	5570	13.34	13.50
	802.11ax HE20	100	5500	14.64	15.00
		104	5520	14.75	15.00
		108	5540	14.61	15.00
		112	5560	14.50	15.00
		116	5580	14.84	15.00
		120	5600	14.57	15.00
		124	5620	14.49	15.00
		128	5640	14.54	15.00
		132	5660	14.85	15.00
		136	5680	14.74	15.00
		140	5700	14.80	15.00
		144	5720	14.77	15.00
	802.11ax HE40	102	5510	14.56	15.00
		110	5550	14.85	15.00
		118	5590	14.60	15.00
		126	5630	14.59	15.00
		134	5670	14.84	15.00
		142	5710	14.91	15.00
	802.11ax HE80	106	5530	14.21	14.50
		122	5610	14.44	14.50
		138	5690	14.28	14.50

	802.11ax HE160	114	5570	12.64	13.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	14.22	14.50
		157	5785	13.99	14.50
		165	5825	14.04	14.50
	802.11n HT20	149	5745	14.24	14.50
		157	5785	14.09	14.50
		165	5825	14.31	14.50
	802.11n HT40	151	5755	14.37	14.50
		159	5795	14.20	14.50
	802.11ac VHT20	149	5745	14.17	14.50
		157	5785	14.06	14.50
		165	5825	14.04	14.50
	802.11ac VHT40	151	5755	14.11	14.50
		159	5795	14.17	14.50
	802.11ac VHT80	155	5775	13.90	14.00
	802.11ax HE20	149	5745	14.36	14.50
		157	5785	14.25	14.50
		165	5825	14.29	14.50
	802.11ax HE40	151	5755	14.12	14.50
		159	5795	14.37	14.50
	802.11ax HE80	155	5775	13.81	14.00

WIFI 5G Ant 13 Head For Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	7.48	8.00
		40	5200	7.81	8.00
		44	5220	7.81	8.00
		48	5240	7.67	8.00
	802.11n HT20	36	5180	7.59	8.00
		40	5200	7.77	8.00
		44	5220	7.80	8.00
		48	5240	7.76	8.00
	802.11n HT40	38	5190	7.63	8.00
		46	5230	7.46	8.00
	802.11ac VHT20	36	5180	7.83	8.00
		40	5200	7.43	8.00
		44	5220	7.88	8.00
		48	5240	7.82	8.00
	802.11ac VHT40	38	5190	7.84	8.00
		46	5230	7.82	8.00
	802.11ac VHT80	42	5210	7.42	7.50
	802.11ax HE20	36	5180	7.88	8.00
		40	5200	7.56	8.00
		44	5220	7.43	8.00
		48	5240	7.35	8.00
	802.11ax HE40	38	5190	7.80	8.00
		46	5230	7.57	8.00
	802.11ax HE80	42	5210	6.36	6.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	7.35	8.00
		56	5280	7.72	8.00
		60	5300	7.96	8.00
		64	5320	7.81	8.00
	802.11n HT20	52	5260	7.61	8.00
		56	5280	7.74	8.00
		60	5300	7.76	8.00
		64	5320	7.61	8.00
	802.11n HT40	54	5270	7.66	8.00
		62	5310	7.60	8.00
	802.11ac VHT20	52	5260	7.95	8.00
		56	5280	7.49	8.00

		60	5300	7.94	8.00
		64	5320	7.96	8.00
	802.11ac VHT40	54	5270	7.58	8.00
		62	5310	7.66	8.00
	802.11ac VHT80	58	5290	7.27	7.50
	802.11ac VHT160	50	5250	4.39	4.50
	802.11ax HE20	52	5260	7.48	8.00
		56	5280	7.50	8.00
		60	5300	7.77	8.00
		64	5320	7.77	8.00
	802.11ax HE40	54	5270	7.73	8.00
		62	5310	7.55	8.00
	802.11ax HE80	58	5290	6.16	6.50
	802.11ax HE160	50	5250	3.55	4.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	8.98	9.00
		104	5520	8.45	9.00
		108	5540	8.35	9.00
		112	5560	8.43	9.00
		116	5580	8.49	9.00
		120	5600	8.44	9.00
		124	5620	8.70	9.00
		128	5640	8.79	9.00
		132	5660	8.95	9.00
		136	5680	8.71	9.00
		140	5700	8.75	9.00
		144	5720	8.61	9.00
	802.11n HT20	100	5500	8.75	9.00
		104	5520	8.92	9.00
		108	5540	8.81	9.00
		112	5560	8.83	9.00
		116	5580	8.72	9.00
		120	5600	8.89	9.00
		124	5620	8.82	9.00
		128	5640	8.87	9.00
		132	5660	8.73	9.00
		136	5680	8.99	9.00
		140	5700	8.54	9.00
		144	5720	8.58	9.00
	802.11n HT40	102	5510	8.83	9.00
		110	5550	8.85	9.00
		118	5590	8.75	9.00
		126	5630	8.59	9.00
		134	5670	8.81	9.00
	802.11ac VHT20	142	5710	8.82	9.00
		100	5500	8.99	9.00
		104	5520	8.75	9.00
		108	5540	8.44	9.00
		112	5560	8.51	9.00
		116	5580	8.67	9.00
		120	5600	8.73	9.00
		124	5620	8.84	9.00
		128	5640	8.71	9.00
		132	5660	8.81	9.00
		136	5680	8.69	9.00
		140	5700	8.72	9.00
	802.11ac VHT40	144	5720	8.70	9.00
		102	5510	8.92	9.00
		110	5550	8.79	9.00
		118	5590	8.62	9.00
		126	5630	8.55	9.00
	802.11ac VHT80	134	5670	8.87	9.00
		142	5710	8.77	9.00
		106	5530	8.23	8.50
		122	5610	8.09	8.50

		138	5690	8.26	8.50
	802.11ac VHT60	114	5570	7.37	7.50
	802.11ax HE20	100	5500	8.50	9.00
		104	5520	8.80	9.00
		108	5540	8.76	9.00
		112	5560	8.65	9.00
		116	5580	8.89	9.00
		120	5600	8.52	9.00
		124	5620	8.40	9.00
		128	5640	8.37	9.00
		132	5660	8.78	9.00
		136	5680	8.85	9.00
		140	5700	8.76	9.00
		144	5720	8.80	9.00
	802.11ax HE40	102	5510	8.49	9.00
		110	5550	8.96	9.00
		118	5590	8.74	9.00
		126	5630	8.63	9.00
		134	5670	8.83	9.00
		142	5710	8.83	9.00
	802.11ax HE80	106	5530	8.32	8.50
		122	5610	8.38	8.50
		138	5690	8.34	8.50
	802.11ax HE160	114	5570	6.78	7.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	7.71	8.00
		157	5785	7.33	8.00
		165	5825	7.36	8.00
	802.11n HT20	149	5745	7.60	8.00
		157	5785	7.53	8.00
		165	5825	7.69	8.00
	802.11n HT40	151	5755	7.96	8.00
		159	5795	7.72	8.00
	802.11ac VHT20	149	5745	7.56	8.00
		157	5785	7.67	8.00
		165	5825	7.38	8.00
	802.11ac VHT40	151	5755	7.47	8.00
		159	5795	7.80	8.00
	802.11ac VHT80	155	5775	7.18	7.50
	802.11ax HE20	149	5745	7.05	8.00
		157	5785	7.81	8.00
		165	5825	7.89	8.00
	802.11ax HE40	151	5755	7.48	8.00
		159	5795	7.94	8.00
	802.11ax HE80	155	5775	7.36	7.50

WIFI 5G Ant 13 Body-worn					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	15.32	15.50
		40	5200	15.21	15.50
		44	5220	15.36	15.50
		48	5240	15.33	15.50
	802.11n HT20	36	5180	15.04	15.50
		40	5200	15.20	15.50
		44	5220	15.24	15.50
		48	5240	15.23	15.50
	802.11n HT40	38	5190	15.04	15.50
		46	5230	15.34	15.50
	802.11ac VHT20	36	5180	15.04	15.50
		40	5200	15.08	15.50
		44	5220	15.12	15.50
		48	5240	15.41	15.50
	802.11ac VHT40	38	5190	15.40	15.50
		46	5230	15.25	15.50

	802.11ac VHT80	42	5210	13.83	14.00
	802.11ax HE20	36	5180	15.08	15.50
		40	5200	15.34	15.50
		44	5220	15.28	15.50
		48	5240	15.03	15.50
	802.11ax HE40	38	5190	15.09	15.50
		46	5230	15.10	15.50
	802.11ax HE80	42	5210	12.84	13.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	15.42	15.50
		56	5280	15.43	15.50
		60	5300	15.17	15.50
		64	5320	15.24	15.50
	802.11n HT20	52	5260	15.08	15.50
		56	5280	14.99	15.50
		60	5300	15.06	15.50
		64	5320	15.05	15.50
	802.11n HT40	54	5270	15.03	15.50
		62	5310	15.37	15.50
	802.11ac VHT20	52	5260	15.22	15.50
		56	5280	15.26	15.50
		60	5300	15.09	15.50
		64	5320	15.22	15.50
	802.11ac VHT40	54	5270	15.43	15.50
		62	5310	15.13	15.50
	802.11ac VHT80	58	5290	13.61	14.00
	802.11ac VHT160	50	5250	10.50	11.00
	802.11ax HE20	52	5260	15.30	15.50
		56	5280	15.42	15.50
		60	5300	15.04	15.50
		64	5320	15.08	15.50
	802.11ax HE40	54	5270	15.30	15.50
		62	5310	15.11	15.50
	802.11ax HE80	58	5290	13.40	13.50
	802.11ax HE160	50	5250	10.03	10.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	16.28	16.50
		104	5520	16.02	16.50
		108	5540	16.23	16.50
		112	5560	16.44	16.50
		116	5580	16.28	16.50
		120	5600	16.18	16.50
		124	5620	16.08	16.50
		128	5640	16.39	16.50
		132	5660	16.09	16.50
		136	5680	16.33	16.50
		140	5700	16.28	16.50
		144	5720	16.39	16.50
	802.11n HT20	100	5500	16.36	16.50
		104	5520	16.26	16.50
		108	5540	16.40	16.50
		112	5560	16.00	16.50
		116	5580	16.45	16.50
		120	5600	16.07	16.50
		124	5620	16.35	16.50
		128	5640	16.34	16.50
		132	5660	16.00	16.50
		136	5680	16.07	16.50
		140	5700	16.13	16.50
		144	5720	16.12	16.50
	802.11n HT40	102	5510	16.41	16.50
		110	5550	16.43	16.50
		118	5590	16.24	16.50

		126	5630	16.00	16.50	
		134	5670	16.22	16.50	
		142	5710	16.12	16.50	
	802.11ac VHT20	100	5500	16.36	16.50	
		104	5520	16.32	16.50	
		108	5540	16.45	16.50	
		112	5560	16.20	16.50	
		116	5580	16.44	16.50	
		120	5600	16.25	16.50	
		124	5620	16.12	16.50	
		128	5640	16.35	16.50	
		132	5660	16.36	16.50	
		136	5680	16.32	16.50	
		140	5700	16.03	16.50	
		144	5720	16.36	16.50	
	802.11ac VHT40	102	5510	16.39	16.50	
		110	5550	16.41	16.50	
		118	5590	16.30	16.50	
		126	5630	16.38	16.50	
		134	5670	16.12	16.50	
	802.11ac VHT80	142	5710	16.27	16.50	
		106	5530	15.74	16.00	
		122	5610	15.85	16.00	
	802.11ac VHT60	138	5690	15.59	16.00	
		114	5570	13.37	13.50	
	802.11ax HE20	100	5500	16.12	16.50	
		104	5520	16.36	16.50	
		108	5540	16.24	16.50	
		112	5560	16.03	16.50	
		116	5580	16.32	16.50	
		120	5600	16.30	16.50	
		124	5620	16.33	16.50	
		128	5640	16.42	16.50	
		132	5660	16.45	16.50	
		136	5680	15.99	16.50	
	802.11ax HE40	140	5700	16.37	16.50	
		144	5720	16.04	16.50	
		102	5510	16.33	16.50	
		110	5550	16.32	16.50	
		118	5590	16.33	16.50	
	802.11ax HE80	126	5630	16.41	16.50	
		134	5670	16.17	16.50	
		142	5710	16.31	16.50	
	802.11ax HE160	106	5530	15.95	16.00	
		122	5610	15.92	16.00	
			138	5690	15.76	16.00
			114	5570	12.83	13.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz UNII-3	802.11a	149	5745	16.83	17.00	
		157	5785	16.75	17.00	
		165	5825	16.82	17.00	
	802.11n HT20	149	5745	16.81	17.00	
		157	5785	16.49	17.00	
		165	5825	16.68	17.00	
	802.11n HT40	151	5755	16.68	17.00	
		159	5795	16.72	17.00	
	802.11ac VHT20	149	5745	16.78	17.00	
		157	5785	16.70	17.00	
		165	5825	16.93	17.00	
	802.11ac VHT40	151	5755	16.67	17.00	
		159	5795	16.94	17.00	
	802.11ac VHT80	155	5775	15.76	16.00	
		149	5745	16.51	17.00	
	802.11ax HE20	157	5785	16.59	17.00	
		165	5825	16.57	17.00	
	802.11ax	151	5755	16.58	17.00	

	HE40	159	5795	16.54	17.00
	802.11ax HE80	155	5775	16.24	16.50

WIFI 5G Ant 13 Body-worn For Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	10.25	10.50
		40	5200	10.12	10.50
		44	5220	10.25	10.50
		48	5240	10.21	10.50
	802.11n HT20	36	5180	10.12	10.50
		40	5200	10.30	10.50
		44	5220	10.30	10.50
		48	5240	10.26	10.50
	802.11n HT40	38	5190	9.95	10.50
		46	5230	10.40	10.50
	802.11ac VHT20	36	5180	9.98	10.50
		40	5200	10.24	10.50
		44	5220	10.23	10.50
		48	5240	10.49	10.50
	802.11ac VHT40	38	5190	10.34	10.50
		46	5230	10.40	10.50
	802.11ac VHT80	42	5210	8.52	9.00
	802.11ax HE20	36	5180	10.07	10.50
		40	5200	10.30	10.50
		44	5220	10.41	10.50
		48	5240	9.98	10.50
	802.11ax HE40	38	5190	10.25	10.50
		46	5230	10.17	10.50
	802.11ax HE80	42	5210	7.85	8.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	10.32	10.50
		56	5280	10.48	10.50
		60	5300	10.11	10.50
		64	5320	10.14	10.50
	802.11n HT20	52	5260	10.08	10.50
		56	5280	9.87	10.50
		60	5300	10.10	10.50
		64	5320	9.94	10.50
	802.11n HT40	54	5270	10.17	10.50
		62	5310	10.46	10.50
	802.11ac VHT20	52	5260	10.04	10.50
		56	5280	10.33	10.50
		60	5300	10.25	10.50
		64	5320	10.37	10.50
	802.11ac VHT40	54	5270	10.45	10.50
		62	5310	9.97	10.50
	802.11ac VHT80	58	5290	8.75	9.00
	802.11ac VHT160	50	5250	5.65	6.00
	802.11ax HE20	52	5260	10.21	10.50
		56	5280	10.45	10.50
		60	5300	9.99	10.50
		64	5320	9.99	10.50
	802.11ax HE40	54	5270	10.25	10.50
		62	5310	10.28	10.50
	802.11ax HE80	58	5290	8.40	8.50
	802.11ax HE160	50	5250	5.18	5.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	11.36	11.50
		104	5520	11.02	11.50
		108	5540	11.34	11.50

		112	5560	11.25	11.50
		116	5580	11.38	11.50
		120	5600	11.20	11.50
		124	5620	10.90	11.50
		128	5640	11.46	11.50
		132	5660	11.11	11.50
		136	5680	11.49	11.50
		140	5700	11.43	11.50
		144	5720	11.34	11.50
		100	5500	11.34	11.50
	802.11n HT20	104	5520	11.12	11.50
		108	5540	11.40	11.50
		112	5560	11.10	11.50
		116	5580	11.16	11.50
		120	5600	10.89	11.50
		124	5620	11.22	11.50
		128	5640	11.33	11.50
		132	5660	11.18	11.50
		136	5680	10.99	11.50
		140	5700	11.29	11.50
	802.11n HT40	144	5720	11.29	11.50
		102	5510	11.50	11.50
		110	5550	11.26	11.50
		118	5590	11.42	11.50
		126	5630	11.18	11.50
		134	5670	11.28	11.50
	802.11ac VHT20	142	5710	11.25	11.50
		100	5500	11.49	11.50
		104	5520	11.28	11.50
		108	5540	11.44	11.50
		112	5560	11.01	11.50
		116	5580	11.39	11.50
		120	5600	11.07	11.50
		124	5620	11.30	11.50
		128	5640	11.21	11.50
		132	5660	11.25	11.50
	802.11ac VHT40	136	5680	11.37	11.50
		140	5700	10.99	11.50
		144	5720	11.22	11.50
		102	5510	11.24	11.50
		110	5550	11.25	11.50
		118	5590	11.17	11.50
	802.11ac VHT80	126	5630	11.27	11.50
		134	5670	11.29	11.50
		142	5710	11.33	11.50
	802.11ac VHT60	106	5530	10.65	11.00
		122	5610	10.88	11.00
		138	5690	10.49	11.00
	802.11ax HE20	114	5570	8.47	8.50
		100	5500	11.30	11.50
		104	5520	11.43	11.50
		108	5540	11.39	11.50
		112	5560	11.11	11.50
		116	5580	11.21	11.50
		120	5600	11.25	11.50
		124	5620	11.16	11.50
		128	5640	11.37	11.50
		132	5660	11.30	11.50
	802.11ax HE40	136	5680	10.84	11.50
		140	5700	11.18	11.50
		144	5720	10.99	11.50
		102	5510	11.21	11.50
		110	5550	11.14	11.50
		118	5590	11.28	11.50
	802.11ax HE80	126	5630	11.26	11.50
		134	5670	11.36	11.50
		142	5710	11.26	11.50
		106	5530	10.78	11.00
		122	5610	10.82	11.00

		138	5690	10.58	11.00
	802.11ax HE160	114	5570	7.74	8.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	10.82	11.00
		157	5785	10.75	11.00
		165	5825	10.86	11.00
	802.11n HT20	149	5745	10.86	11.00
		157	5785	10.66	11.00
		165	5825	10.55	11.00
	802.11n HT40	151	5755	10.60	11.00
		159	5795	10.71	11.00
	802.11ac VHT20	149	5745	10.87	11.00
		157	5785	10.62	11.00
		165	5825	10.83	11.00
	802.11ac VHT40	151	5755	10.64	11.00
		159	5795	10.91	11.00
	802.11ac VHT80	155	5775	9.63	10.00
	802.11ax HE20	149	5745	10.50	11.00
		157	5785	10.61	11.00
		165	5825	10.55	11.00
	802.11ax HE40	151	5755	10.68	11.00
		159	5795	10.67	11.00
	802.11ax HE80	155	5775	10.27	10.50

WIFI 5G Ant 13 Hotspot					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	15.85	16.00
		40	5200	15.86	16.00
		44	5220	15.70	16.00
		48	5240	15.49	16.00
	802.11n HT20	36	5180	16.42	16.50
		40	5200	16.10	16.50
		44	5220	16.41	16.50
		48	5240	16.13	16.50
	802.11n HT40	38	5190	16.74	17.00
		46	5230	16.67	17.00
	802.11ac VHT20	36	5180	16.15	16.50
		40	5200	16.08	16.50
		44	5220	16.31	16.50
	802.11ac VHT40	48	5240	16.39	16.50
		38	5190	16.52	17.00
		46	5230	16.74	17.00
	802.11ac VHT80	42	5210	13.74	14.00
	802.11ax HE20	36	5180	14.68	15.00
		40	5200	14.76	15.00
		44	5220	14.69	15.00
		48	5240	14.65	15.00
	802.11ax HE40	38	5190	16.88	17.00
		46	5230	16.83	17.00
	802.11ax HE80	42	5210	12.85	13.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT40	54	5270	/	/
		62	5310	/	/
	802.11ac	52	5260	/	/

	VHT20	56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11ac VHT40	54	5270	/	/
		62	5310	/	/
	802.11ac VHT80	58	5290	/	/
	802.11ac VHT160	50	5250	/	/
	802.11ax HE20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11ax HE40	54	5270	/	/
		62	5310	/	/
	802.11ax HE80	58	5290	/	/
	802.11ax HE160	50	5250	/	/
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11n HT20	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11n HT40	102	5510	/	/
		110	5550	/	/
		118	5590	/	/
		126	5630	/	/
		134	5670	/	/
	802.11ac VHT20	142	5710	/	/
		100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11ac VHT40	102	5510	/	/
		110	5550	/	/
		118	5590	/	/
		126	5630	/	/
		134	5670	/	/
	802.11ac	142	5710	/	/
		106	5530	/	/

	VHT80	122	5610	/	/	
		138	5690	/	/	
	802.11ac VHT60	114	5570	/	/	
	802.11ax HE20	100	5500	/	/	
		104	5520	/	/	
		108	5540	/	/	
		112	5560	/	/	
		116	5580	/	/	
		120	5600	/	/	
		124	5620	/	/	
		128	5640	/	/	
		132	5660	/	/	
		136	5680	/	/	
		140	5700	/	/	
		144	5720	/	/	
	802.11ax HE40	102	5510	/	/	
		110	5550	/	/	
		118	5590	/	/	
		126	5630	/	/	
		134	5670	/	/	
		142	5710	/	/	
	802.11ax HE80	106	5530	/	/	
		122	5610	/	/	
		138	5690	/	/	
	802.11ax HE160	114	5570	/	/	
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
	5GHz UNII-3	802.11a	149	5745	18.11	18.50
			157	5785	18.31	18.50
165			5825	18.25	18.50	
802.11n HT20		149	5745	17.69	18.00	
		157	5785	17.63	18.00	
		165	5825	17.65	18.00	
802.11n HT40		151	5755	16.62	17.00	
		159	5795	16.89	17.00	
802.11ac VHT20		149	5745	17.87	18.00	
		157	5785	17.83	18.00	
		165	5825	17.49	18.00	
802.11ac VHT40		151	5755	16.95	17.00	
		159	5795	16.59	17.00	
802.11ac VHT80		155	5775	15.78	16.00	
802.11ax HE20		149	5745	17.63	18.00	
		157	5785	17.86	18.00	
		165	5825	17.76	18.00	
802.11ax HE40		151	5755	17.91	18.00	
		159	5795	17.50	18.00	
802.11ax HE80		155	5775	17.81	18.00	

WIFI 5G Ant 13 Hotspot For Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	13.35	13.50
		40	5200	13.19	13.50
		44	5220	13.07	13.50
		48	5240	12.98	13.50
	802.11n HT20	36	5180	13.41	14.00
		40	5200	13.59	14.00
		44	5220	13.40	14.00
		48	5240	13.56	14.00
	802.11n HT40	38	5190	14.11	14.50
		46	5230	14.23	14.50
	802.11ac VHT20	36	5180	13.54	14.00
		40	5200	13.63	14.00
		44	5220	13.95	14.00
		48	5240	13.75	14.00
	802.11ac	38	5190	13.85	14.50

	VHT40	46	5230	14.35	14.50
	802.11ac VHT80	42	5210	11.22	11.50
	802.11ax HE20	36	5180	12.22	12.50
		40	5200	12.30	12.50
		44	5220	12.11	12.50
	802.11ax HE40	48	5240	12.27	12.50
		38	5190	14.43	14.50
	802.11ax HE80	46	5230	14.44	14.50
	802.11ax HE80	42	5210	10.29	10.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT40	54	5270	/	/
		62	5310	/	/
	802.11ac VHT20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11ac VHT40	54	5270	/	/
		62	5310	/	/
	802.11ac VHT80	58	5290	/	/
	802.11ac VHT160	50	5250	/	/
	802.11ax HE20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11ax HE40	54	5270	/	/
		62	5310	/	/
	802.11ax HE80	58	5290	/	/
	802.11ax HE160	50	5250	/	/
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11n HT20	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11n HT40	102	5510	/	/
		110	5550	/	/

		118	5590	/	/
		126	5630	/	/
		134	5670	/	/
		142	5710	/	/
	802.11ac VHT20	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11ac VHT40	102	5510	/	/
		110	5550	/	/
		118	5590	/	/
		126	5630	/	/
		134	5670	/	/
		142	5710	/	/
	802.11ac VHT80	106	5530	/	/
		122	5610	/	/
		138	5690	/	/
	802.11ac VHT60	114	5570	/	/
	802.11ax HE20	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11ax HE40	102	5510	/	/
		110	5550	/	/
		118	5590	/	/
		126	5630	/	/
		134	5670	/	/
		142	5710	/	/
	802.11ax HE80	106	5530	/	/
		122	5610	/	/
		138	5690	/	/
	802.11ax HE160	114	5570	/	/
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	11.93	12.50
		157	5785	12.20	12.50
		165	5825	12.12	12.50
	802.11n HT20	149	5745	11.64	12.00
		157	5785	11.46	12.00
		165	5825	11.80	12.00
	802.11n HT40	151	5755	10.60	11.00
		159	5795	10.92	11.00
		149	5745	11.72	12.00
	802.11ac VHT20	157	5785	11.98	12.00
		165	5825	11.47	12.00
		151	5755	10.66	11.00
	802.11ac VHT40	159	5795	10.57	11.00
		155	5775	9.61	10.00
	802.11ac VHT80	149	5745	11.57	12.00
		157	5785	11.71	12.00
		165	5825	11.92	12.00

	802.11ax HE40	151	5755	11.89	12.00
		159	5795	11.35	12.00
	802.11ax HE80	155	5775	11.82	12.00

WIFI 5G MIMO Head					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	16.96	17.50
		40	5200	17.14	17.50
		44	5220	17.16	17.50
		48	5240	17.14	17.50
	802.11n HT20	36	5180	17.05	17.50
		40	5200	17.09	17.50
		44	5220	17.16	17.50
		48	5240	17.21	17.50
	802.11n HT40	38	5190	17.10	17.50
		46	5230	17.09	17.50
	802.11ac VHT20	36	5180	17.03	17.50
		40	5200	17.13	17.50
		44	5220	17.23	17.50
		48	5240	17.12	17.50
	802.11ac VHT40	38	5190	17.03	17.50
		46	5230	17.21	17.50
	802.11ac VHT80	42	5210	16.73	17.00
	802.11ax HE20	36	5180	17.19	17.50
		40	5200	17.14	17.50
		44	5220	17.05	17.50
		48	5240	17.00	17.50
	802.11ax HE40	38	5190	17.10	17.50
		46	5230	17.00	17.50
	802.11ax HE80	42	5210	15.62	16.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	17.00	17.50
		56	5280	17.23	17.50
		60	5300	17.26	17.50
		64	5320	17.18	17.50
	802.11n HT20	52	5260	17.09	17.50
		56	5280	17.13	17.50
		60	5300	17.12	17.50
		64	5320	17.06	17.50
	802.11n HT40	54	5270	17.09	17.50
		62	5310	17.05	17.50
	802.11ac VHT20	52	5260	17.27	17.50
		56	5280	17.02	17.50
		60	5300	17.18	17.50
		64	5320	17.29	17.50
	802.11ac VHT40	54	5270	17.13	17.50
		62	5310	17.18	17.50
	802.11ac VHT80	58	5290	16.57	17.00
	802.11ac VHT160	50	5250	13.81	14.00
	802.11ax HE20	52	5260	17.16	17.50
		56	5280	17.06	17.50
		60	5300	17.25	17.50
		64	5320	17.17	17.50
	802.11ax HE40	54	5270	17.25	17.50
		62	5310	17.00	17.50
	802.11ax HE80	58	5290	15.75	16.00
	802.11ax HE160	50	5250	13.21	13.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	17.69	18.00
		104	5520	17.49	18.00

		108	5540	17.60	18.00
		112	5560	17.82	18.00
		116	5580	17.59	18.00
		120	5600	17.62	18.00
		124	5620	17.69	18.00
		128	5640	17.69	18.00
		132	5660	17.75	18.00
		136	5680	17.53	18.00
		140	5700	17.73	18.00
		144	5720	17.69	18.00
	802.11n HT20	100	5500	17.70	18.00
		104	5520	17.67	18.00
		108	5540	17.76	18.00
		112	5560	17.55	18.00
		116	5580	17.80	18.00
		120	5600	17.71	18.00
		124	5620	17.64	18.00
		128	5640	17.61	18.00
		132	5660	17.68	18.00
		136	5680	17.73	18.00
	802.11n HT40	140	5700	17.66	18.00
		144	5720	17.71	18.00
		102	5510	17.75	18.00
		110	5550	17.77	18.00
		118	5590	17.67	18.00
		126	5630	17.54	18.00
	802.11ac VHT20	134	5670	17.66	18.00
		142	5710	17.72	18.00
		100	5500	17.78	18.00
		104	5520	17.75	18.00
		108	5540	17.49	18.00
		112	5560	17.62	18.00
		116	5580	17.50	18.00
		120	5600	17.49	18.00
		124	5620	17.59	18.00
		128	5640	17.82	18.00
	802.11ac VHT40	132	5660	17.56	18.00
		136	5680	17.59	18.00
		140	5700	17.66	18.00
		144	5720	17.62	18.00
		102	5510	17.60	18.00
		110	5550	17.55	18.00
	802.11ac VHT80	118	5590	17.58	18.00
		126	5630	17.52	18.00
		134	5670	17.51	18.00
	802.11ac VHT160	142	5710	17.73	18.00
		106	5530	17.09	17.50
		122	5610	17.08	17.50
	802.11ax HE20	138	5690	17.21	17.50
		114	5570	16.10	16.50
		100	5500	17.65	18.00
		104	5520	17.60	18.00
		108	5540	17.62	18.00
		112	5560	17.52	18.00
		116	5580	17.66	18.00
		120	5600	17.48	18.00
		124	5620	17.49	18.00
		128	5640	17.60	18.00
	802.11ax HE40	132	5660	17.72	18.00
		136	5680	17.63	18.00
		140	5700	17.72	18.00
		144	5720	17.71	18.00
		102	5510	17.64	18.00
		110	5550	17.68	18.00
	802.11ax	118	5590	17.58	18.00
		126	5630	17.59	18.00
		134	5670	17.61	18.00
		142	5710	17.74	18.00
		106	5530	17.06	17.50

	HE80	122	5610	17.26	17.50
		138	5690	17.07	17.50
	802.11ax HE160	114	5570	15.48	16.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	17.14	17.50
		157	5785	17.06	17.50
		165	5825	17.07	17.50
	802.11n HT20	149	5745	17.13	17.50
		157	5785	17.04	17.50
		165	5825	17.20	17.50
	802.11n HT40	151	5755	17.16	17.50
		159	5795	17.11	17.50
	802.11ac VHT20	149	5745	17.00	17.50
		157	5785	16.97	17.50
		165	5825	17.12	17.50
	802.11ac VHT40	151	5755	17.02	17.50
		159	5795	17.02	17.50
	802.11ac VHT80	155	5775	16.66	17.00
	802.11ax HE20	149	5745	17.31	17.50
		157	5785	17.06	17.50
		165	5825	17.23	17.50
	802.11ax HE40	151	5755	17.17	17.50
		159	5795	17.11	17.50
	802.11ax HE80	155	5775	16.72	17.00

WIFI 5G MIMO Head For Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	10.51	11.00
		40	5200	10.77	11.00
		44	5220	10.76	11.00
		48	5240	10.63	11.00
	802.11n HT20	36	5180	10.43	11.00
		40	5200	10.58	11.00
		44	5220	10.66	11.00
		48	5240	10.71	11.00
	802.11n HT40	38	5190	10.56	11.00
		46	5230	10.48	11.00
	802.11ac VHT20	36	5180	10.59	11.00
		40	5200	10.58	11.00
		44	5220	10.87	11.00
		48	5240	10.56	11.00
	802.11ac VHT40	38	5190	10.60	11.00
		46	5230	10.70	11.00
	802.11ac VHT80	42	5210	10.24	10.50
	802.11ax HE20	36	5180	10.77	11.00
		40	5200	10.59	11.00
		44	5220	10.47	11.00
		48	5240	10.43	11.00
	802.11ax HE40	38	5190	10.74	11.00
		46	5230	10.57	11.00
	802.11ax HE80	42	5210	9.12	9.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	10.37	11.00
		56	5280	10.70	11.00
		60	5300	10.78	11.00
		64	5320	10.71	11.00
	802.11n HT20	52	5260	10.60	11.00
		56	5280	10.71	11.00
		60	5300	10.66	11.00
		64	5320	10.61	11.00
	802.11n HT40	54	5270	10.68	11.00
		62	5310	10.46	11.00

	802.11ac VHT20	52	5260	10.70	11.00
		56	5280	10.41	11.00
		60	5300	10.81	11.00
		64	5320	10.77	11.00
	802.11ac VHT40	54	5270	10.58	11.00
		62	5310	10.66	11.00
	802.11ac VHT80	58	5290	10.19	10.50
	802.11ac VHT160	50	5250	7.35	7.50
	802.11ax HE20	52	5260	10.58	11.00
		56	5280	10.58	11.00
		60	5300	10.80	11.00
		64	5320	10.72	11.00
	802.11ax HE40	54	5270	10.75	11.00
		62	5310	10.43	11.00
	802.11ax HE80	58	5290	9.11	9.50
	802.11ax HE160	50	5250	6.57	7.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	11.71	12.00
		104	5520	11.40	12.00
		108	5540	11.46	12.00
		112	5560	11.54	12.00
		116	5580	11.61	12.00
		120	5600	11.39	12.00
		124	5620	11.64	12.00
		128	5640	11.67	12.00
		132	5660	11.74	12.00
		136	5680	11.60	12.00
		140	5700	11.64	12.00
		144	5720	11.62	12.00
	802.11n HT20	100	5500	11.73	12.00
		104	5520	11.68	12.00
		108	5540	11.66	12.00
		112	5560	11.64	12.00
		116	5580	11.69	12.00
		120	5600	11.77	12.00
		124	5620	11.57	12.00
		128	5640	11.68	12.00
		132	5660	11.67	12.00
		136	5680	11.76	12.00
		140	5700	11.54	12.00
		144	5720	11.73	12.00
	802.11n HT40	102	5510	11.79	12.00
		110	5550	11.74	12.00
		118	5590	11.68	12.00
		126	5630	11.48	12.00
		134	5670	11.74	12.00
		142	5710	11.76	12.00
	802.11ac VHT20	100	5500	11.80	12.00
		104	5520	11.69	12.00
		108	5540	11.40	12.00
		112	5560	11.63	12.00
		116	5580	11.50	12.00
		120	5600	11.53	12.00
		124	5620	11.57	12.00
		128	5640	11.66	12.00
		132	5660	11.52	12.00
		136	5680	11.62	12.00
		140	5700	11.58	12.00
		144	5720	11.60	12.00
	802.11ac VHT40	102	5510	11.72	12.00
		110	5550	11.54	12.00
		118	5590	11.59	12.00
		126	5630	11.50	12.00
		134	5670	11.60	12.00
		142	5710	11.68	12.00

	802.11ac VHT80	106	5530	11.19	11.50
		122	5610	11.03	11.50
		138	5690	11.09	11.50
	802.11ac VHT160	114	5570	10.12	10.50
	802.11ax HE20	100	5500	11.53	12.00
		104	5520	11.62	12.00
		108	5540	11.77	12.00
		112	5560	11.61	12.00
		116	5580	11.76	12.00
		120	5600	11.50	12.00
		124	5620	11.52	12.00
		128	5640	11.44	12.00
		132	5660	11.60	12.00
		136	5680	11.71	12.00
		140	5700	11.74	12.00
		144	5720	11.71	12.00
	802.11ax HE40	102	5510	11.61	12.00
		110	5550	11.76	12.00
		118	5590	11.56	12.00
		126	5630	11.57	12.00
		134	5670	11.59	12.00
		142	5710	11.79	12.00
	802.11ax HE80	106	5530	11.20	11.50
		122	5610	11.23	11.50
		138	5690	11.07	11.50
	802.11ax HE160	114	5570	9.61	10.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	10.61	11.00
		157	5785	10.43	11.00
		165	5825	10.48	11.00
	802.11n HT20	149	5745	10.48	11.00
		157	5785	10.44	11.00
		165	5825	10.71	11.00
	802.11n HT40	151	5755	10.66	11.00
		159	5795	10.70	11.00
	802.11ac VHT20	149	5745	10.46	11.00
		157	5785	10.50	11.00
		165	5825	10.61	11.00
	802.11ac VHT40	151	5755	10.48	11.00
		159	5795	10.65	11.00
	802.11ac VHT80	155	5775	10.13	10.50
	802.11ax HE20	149	5745	10.43	11.00
		157	5785	10.54	11.00
		165	5825	10.69	11.00
	802.11ax HE40	151	5755	10.55	11.00
		159	5795	10.58	11.00
	802.11ax HE80	155	5775	10.20	10.50

WIFI 5G MIMO Body-worn					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	18.19	18.50
		40	5200	18.05	18.50
		44	5220	18.26	18.50
		48	5240	18.15	18.50
	802.11n HT20	36	5180	18.03	18.50
		40	5200	18.11	18.50
		44	5220	18.22	18.50
		48	5240	18.06	18.50
	802.11n HT40	38	5190	18.01	18.50
		46	5230	18.27	18.50
	802.11ac VHT20	36	5180	18.06	18.50
		40	5200	18.16	18.50
		44	5220	18.11	18.50
		48	5240	18.28	18.50

	802.11ac VHT40	38	5190	18.21	18.50
		46	5230	18.15	18.50
	802.11ac VHT80	42	5210	16.60	17.00
		802.11ax HE20	36	5180	17.97
	40		5200	18.21	18.50
	44		5220	18.09	18.50
	48		5240	17.93	18.50
	802.11ax HE40	38	5190	17.98	18.50
46		5230	18.04	18.50	
802.11ax HE80	42	5210	15.70	16.00	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	18.28	18.50
		56	5280	18.15	18.50
		60	5300	18.19	18.50
		64	5320	18.08	18.50
	802.11n HT20	52	5260	18.12	18.50
		56	5280	18.03	18.50
		60	5300	18.16	18.50
		64	5320	18.14	18.50
	802.11n HT40	54	5270	18.13	18.50
		62	5310	18.23	18.50
	802.11ac VHT20	52	5260	18.10	18.50
		56	5280	18.06	18.50
		60	5300	18.07	18.50
		64	5320	18.10	18.50
	802.11ac VHT40	54	5270	18.28	18.50
		62	5310	18.19	18.50
	802.11ac VHT80	58	5290	16.57	17.00
	802.11ac VHT160	50	5250	13.46	14.00
	802.11ax HE20	52	5260	18.27	18.50
		56	5280	18.14	18.50
		60	5300	18.12	18.50
		64	5320	18.03	18.50
	802.11ax HE40	54	5270	18.14	18.50
		62	5310	18.15	18.50
	802.11ax HE80	58	5290	16.07	16.00
	802.11ax HE160	50	5250	13.12	13.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	19.04	19.50
		104	5520	19.00	19.50
		108	5540	19.09	19.50
		112	5560	19.19	19.50
		116	5580	19.21	19.50
		120	5600	19.14	19.50
		124	5620	18.99	19.50
		128	5640	19.31	19.50
		132	5660	19.14	19.50
		136	5680	19.18	19.50
		140	5700	19.26	19.50
		144	5720	19.21	19.50
	802.11n HT20	100	5500	19.21	19.50
		104	5520	19.18	19.50
		108	5540	19.26	19.50
		112	5560	19.01	19.50
		116	5580	19.18	19.50
		120	5600	18.95	19.50
		124	5620	19.23	19.50
		128	5640	19.26	19.50
		132	5660	19.06	19.50
		136	5680	19.15	19.50
		140	5700	19.03	19.50
		144	5720	19.05	19.50
	802.11n	102	5510	19.17	19.50

	HT40	110	5550	19.31	19.50
		118	5590	19.03	19.50
		126	5630	18.98	19.50
		134	5670	19.10	19.50
		142	5710	19.08	19.50
	802.11ac VHT20	100	5500	19.09	19.50
		104	5520	19.17	19.50
		108	5540	19.25	19.50
		112	5560	19.11	19.50
		116	5580	19.25	19.50
		120	5600	19.06	19.50
		124	5620	18.99	19.50
		128	5640	19.08	19.50
		132	5660	19.29	19.50
		136	5680	19.21	19.50
		140	5700	19.13	19.50
		144	5720	19.29	19.50
	802.11ac VHT40	102	5510	19.21	19.50
		110	5550	19.29	19.50
		118	5590	19.22	19.50
		126	5630	19.19	19.50
		134	5670	19.00	19.50
	802.11ac VHT80	142	5710	19.14	19.50
		106	5530	18.66	19.00
		122	5610	18.76	19.00
	802.11ac VHT160	138	5690	18.67	19.00
		114	5570	16.19	16.50
	802.11ax HE20	100	5500	19.01	19.50
		104	5520	19.14	19.50
		108	5540	19.07	19.50
		112	5560	18.94	19.50
		116	5580	19.10	19.50
		120	5600	19.09	19.50
		124	5620	19.27	19.50
		128	5640	19.18	19.50
		132	5660	19.15	19.50
		136	5680	19.04	19.50
	802.11ax HE40	140	5700	19.30	19.50
		144	5720	18.94	19.50
		102	5510	19.07	19.50
		110	5550	19.29	19.50
		118	5590	19.17	19.50
	802.11ax HE80	126	5630	19.19	19.50
		134	5670	19.04	19.50
		142	5710	19.14	19.50
	802.11ax HE160	106	5530	18.76	19.00
		122	5610	18.77	19.00
		138	5690	18.54	19.00
		114	5570	15.68	16.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	19.57	20.00
		157	5785	19.64	20.00
		165	5825	19.56	20.00
	802.11n HT20	149	5745	19.77	20.00
		157	5785	19.40	20.00
		165	5825	19.67	20.00
	802.11n HT40	151	5755	19.56	20.00
		159	5795	19.72	20.00
	802.11ac VHT20	149	5745	19.73	20.00
		157	5785	19.69	20.00
		165	5825	19.81	20.00
	802.11ac VHT40	151	5755	19.62	20.00
		159	5795	19.67	20.00
	802.11ac VHT80	155	5775	18.53	19.00
	802.11ax HE20	149	5745	19.48	20.00
		157	5785	19.51	20.00



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		165	5825	19.59	20.00
	802.11ax	151	5755	19.47	20.00
	HE40	159	5795	19.52	20.00
	802.11ax	155	5775	18.82	19.00
	HE80				

WIFI 5G MIMO Body-worn For Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	13.14	13.50
		40	5200	13.00	13.50
		44	5220	13.18	13.50
		48	5240	13.03	13.50
	802.11n HT20	36	5180	13.15	13.50
		40	5200	13.11	13.50
		44	5220	13.32	13.50
		48	5240	13.07	13.50
	802.11n HT40	38	5190	12.96	13.50
		46	5230	13.29	13.50
	802.11ac VHT20	36	5180	13.08	13.50
		40	5200	13.17	13.50
		44	5220	13.24	13.50
	802.11ac VHT40	48	5240	13.32	13.50
		38	5190	13.20	13.50
	802.11ac VHT80	46	5230	13.27	13.50
		42	5210	11.41	12.00
	802.11ax HE20	36	5180	12.97	13.50
		40	5200	13.13	13.50
		44	5220	13.08	13.50
		48	5240	12.96	13.50
	802.11ax HE40	38	5190	13.00	13.50
		46	5230	13.13	13.50
	802.11ax HE80	42	5210	10.69	11.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	13.18	13.50
		56	5280	13.12	13.50
		60	5300	13.20	13.50
		64	5320	12.95	13.50
	802.11n HT20	52	5260	13.09	13.50
		56	5280	13.06	13.50
		60	5300	13.11	13.50
		64	5320	13.06	13.50
	802.11n HT40	54	5270	13.12	13.50
		62	5310	13.28	13.50
	802.11ac VHT20	52	5260	13.03	13.50
		56	5280	13.05	13.50
		60	5300	13.08	13.50
		64	5320	13.12	13.50
	802.11ac VHT40	54	5270	13.22	13.50
		62	5310	13.20	13.50
	802.11ac VHT80	58	5290	11.64	12.00
	802.11ac VHT160	50	5250	8.50	9.00
	802.11ax HE20	52	5260	13.24	13.50
		56	5280	13.13	13.50
		60	5300	13.12	13.50
		64	5320	12.94	13.50
	802.11ax HE40	54	5270	13.14	13.50
		62	5310	13.21	13.50
	802.11ax HE80	58	5290	11.03	11.00
	802.11ax HE160	50	5250	8.22	8.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	14.04	14.50

		104	5520	13.91	14.50
		108	5540	14.09	14.50
		112	5560	14.12	14.50
		116	5580	14.35	14.50
		120	5600	14.10	14.50
		124	5620	13.84	14.50
		128	5640	14.31	14.50
		132	5660	14.18	14.50
		136	5680	14.32	14.50
		140	5700	14.32	14.50
		144	5720	14.27	14.50
	802.11n HT20	100	5500	14.20	14.50
		104	5520	14.07	14.50
		108	5540	14.21	14.50
		112	5560	14.10	14.50
		116	5580	14.12	14.50
		120	5600	13.79	14.50
		124	5620	14.23	14.50
		128	5640	14.22	14.50
		132	5660	14.22	14.50
		136	5680	14.05	14.50
		140	5700	14.14	14.50
		144	5720	14.15	14.50
	802.11n HT40	102	5510	14.26	14.50
		110	5550	14.27	14.50
		118	5590	14.21	14.50
		126	5630	14.12	14.50
		134	5670	14.13	14.50
		142	5710	14.10	14.50
	802.11ac VHT20	100	5500	14.15	14.50
		104	5520	14.20	14.50
		108	5540	14.26	14.50
		112	5560	14.10	14.50
		116	5580	14.22	14.50
		120	5600	13.89	14.50
		124	5620	14.03	14.50
		128	5640	14.02	14.50
		132	5660	14.27	14.50
		136	5680	14.18	14.50
	802.11ac VHT40	140	5700	14.14	14.50
		144	5720	14.23	14.50
		102	5510	14.11	14.50
		110	5550	14.25	14.50
		118	5590	14.16	14.50
	802.11ac VHT80	126	5630	14.05	14.50
		134	5670	14.06	14.50
		142	5710	14.12	14.50
	802.11ac VHT160	106	5530	13.67	14.00
		122	5610	13.69	14.00
		138	5690	13.60	14.00
	802.11ax HE20	114	5570	11.31	11.50
		100	5500	14.16	14.50
		104	5520	14.21	14.50
		108	5540	14.07	14.50
		112	5560	13.91	14.50
		116	5580	14.05	14.50
		120	5600	14.15	14.50
		124	5620	14.27	14.50
		128	5640	14.20	14.50
		132	5660	14.09	14.50
		136	5680	13.94	14.50
		140	5700	14.18	14.50
	802.11ax HE40	144	5720	13.99	14.50
		102	5510	14.08	14.50
		110	5550	14.13	14.50
		118	5590	14.10	14.50
		126	5630	14.10	14.50
		134	5670	14.16	14.50
		142	5710	14.10	14.50

	802.11ax HE80	106	5530	13.70	14.00
		122	5610	13.79	14.00
		138	5690	13.43	14.00
	802.11ax HE160	114	5570	10.60	11.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	13.55	14.00
		157	5785	13.72	14.00
		165	5825	13.51	14.00
	802.11n HT20	149	5745	13.71	14.00
		157	5785	13.52	14.00
		165	5825	13.67	14.00
	802.11n HT40	151	5755	13.55	14.00
		159	5795	13.71	14.00
	802.11ac VHT20	149	5745	13.68	14.00
		157	5785	13.56	14.00
		165	5825	13.82	14.00
	802.11ac VHT40	151	5755	13.64	14.00
		159	5795	13.68	14.00
	802.11ac VHT80	155	5775	12.50	13.00
	802.11ax HE20	149	5745	13.50	14.00
		157	5785	13.53	14.00
		165	5825	13.50	14.00
	802.11ax HE40	151	5755	13.54	14.00
		159	5795	13.66	14.00
	802.11ax HE80	155	5775	12.91	13.00

WIFI 5G MIMO Hotspot					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	18.71	19.00
		40	5200	18.67	19.00
		44	5220	18.51	19.00
		48	5240	18.60	19.00
	802.11n HT20	36	5180	19.26	19.50
		40	5200	19.05	19.50
		44	5220	19.12	19.50
		48	5240	19.10	19.50
	802.11n HT40	38	5190	19.56	20.00
		46	5230	19.65	20.00
	802.11ac VHT20	36	5180	19.05	19.50
		40	5200	19.00	19.50
		44	5220	19.24	19.50
		48	5240	19.23	19.50
	802.11ac VHT40	38	5190	19.52	20.00
		46	5230	19.60	20.00
	802.11ac VHT80	42	5210	16.63	17.00
	802.11ax HE20	36	5180	17.50	18.00
		40	5200	17.57	18.00
		44	5220	17.63	18.00
		48	5240	17.48	18.00
	802.11ax HE40	38	5190	19.67	20.00
		46	5230	19.63	20.00
	802.11ax HE80	42	5210	15.64	16.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n	54	5270	/	/

	HT40	62	5310	/	/
	802.11ac VHT20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11ac VHT40	54	5270	/	/
		62	5310	/	/
	802.11ac VHT80	58	5290	/	/
	802.11ac VHT160	50	5250	/	/
	802.11ax HE20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11ax HE40	54	5270	/	/
		62	5310	/	/
	802.11ax HE80	58	5290	/	/
	802.11ax HE160	50	5250	/	/
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11n HT20	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11n HT40	102	5510	/	/
		110	5550	/	/
		118	5590	/	/
		126	5630	/	/
		134	5670	/	/
		142	5710	/	/
	802.11ac VHT20	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11ac VHT40	102	5510	/	/
		110	5550	/	/
		118	5590	/	/
		126	5630	/	/
		134	5670	/	/

	802.11ac VHT80	142	5710	/	/	
		106	5530	/	/	
		122	5610	/	/	
		138	5690	/	/	
	802.11ac VHT160	114	5570	/	/	
	802.11ax HE20	100	5500	/	/	
		104	5520	/	/	
		108	5540	/	/	
		112	5560	/	/	
		116	5580	/	/	
		120	5600	/	/	
		124	5620	/	/	
		128	5640	/	/	
		132	5660	/	/	
		136	5680	/	/	
		140	5700	/	/	
		144	5720	/	/	
	802.11ax HE40	102	5510	/	/	
		110	5550	/	/	
		118	5590	/	/	
		126	5630	/	/	
		134	5670	/	/	
		142	5710	/	/	
	802.11ax HE80	106	5530	/	/	
		122	5610	/	/	
		138	5690	/	/	
	802.11ax HE160	114	5570	/	/	
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
	5GHz UNII-3	802.11a	149	5745	21.16	21.50
			157	5785	21.05	21.50
			165	5825	21.20	21.50
		802.11n HT20	149	5745	20.62	21.00
157			5785	20.47	21.00	
165			5825	20.62	21.00	
802.11n HT40		151	5755	19.48	20.00	
		159	5795	19.60	20.00	
802.11ac VHT20		149	5745	20.68	21.00	
		157	5785	20.71	21.00	
		165	5825	20.60	21.00	
802.11ac VHT40		151	5755	19.80	20.00	
		159	5795	19.64	20.00	
802.11ac VHT80		155	5775	18.71	19.00	
802.11ax HE20		149	5745	20.60	21.00	
		157	5785	20.77	21.00	
		165	5825	20.54	21.00	
802.11ax HE40		151	5755	20.78	21.00	
		159	5795	20.47	21.00	
802.11ax HE80		155	5775	20.57	21.00	

WIFI 5G MIMO Hotspot For Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	16.29	16.50
		40	5200	16.09	16.50
		44	5220	15.94	16.50
		48	5240	16.07	16.50
	802.11n HT20	36	5180	16.53	17.00
		40	5200	16.47	17.00
		44	5220	16.35	17.00
		48	5240	16.48	17.00
	802.11n HT40	38	5190	16.95	17.50
		46	5230	17.09	17.50
	802.11ac VHT20	36	5180	16.47	17.00
		40	5200	16.54	17.00
		44	5220	16.78	17.00

		48	5240	16.62	17.00
		38	5190	16.91	17.50
	802.11ac VHT40	46	5230	17.20	17.50
	802.11ac VHT80	42	5210	14.16	14.50
		36	5180	15.10	15.50
	802.11ax HE20	40	5200	15.12	15.50
		44	5220	15.03	15.50
		48	5240	15.10	15.50
	802.11ax HE40	38	5190	17.15	17.50
		46	5230	17.26	17.50
	802.11ax HE80	42	5210	13.02	13.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT40	54	5270	/	/
		62	5310	/	/
	802.11ac VHT20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11ac VHT40	54	5270	/	/
		62	5310	/	/
	802.11ac VHT80	58	5290	/	/
	802.11ac VHT160	50	5250	/	/
	802.11ax HE20	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11ax HE40	54	5270	/	/
		62	5310	/	/
	802.11ax HE80	58	5290	/	/
	802.11ax HE160	50	5250	/	/
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11n HT20	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/

	802.11n HT40	102	5510	/	/
		110	5550	/	/
		118	5590	/	/
		126	5630	/	/
		134	5670	/	/
		142	5710	/	/
	802.11ac VHT20	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11ac VHT40	102	5510	/	/
		110	5550	/	/
		118	5590	/	/
		126	5630	/	/
		134	5670	/	/
		142	5710	/	/
	802.11ac VHT80	106	5530	/	/
		122	5610	/	/
		138	5690	/	/
	802.11ac VHT160	114	5570	/	/
	802.11ax HE20	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11ax HE40	102	5510	/	/
		110	5550	/	/
		118	5590	/	/
		126	5630	/	/
		134	5670	/	/
		142	5710	/	/
	802.11ax HE80	106	5530	/	/
		122	5610	/	/
		138	5690	/	/
	802.11ax HE160	114	5570	/	/
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	15.17	15.50
		157	5785	14.96	15.50
		165	5825	15.22	15.50
	802.11n HT20	149	5745	14.66	15.00
		157	5785	14.37	15.00
		165	5825	14.69	15.00
	802.11n HT40	151	5755	13.54	14.00
		159	5795	13.56	14.00
	802.11ac VHT20	149	5745	14.56	15.00
		157	5785	14.73	15.00
		165	5825	14.53	15.00
	802.11ac VHT40	151	5755	13.62	14.00
		159	5795	13.67	14.00
	802.11ac VHT80	155	5775	12.54	13.00
	802.11ax	149	5745	14.54	15.00

	HE20	157	5785	14.68	15.00
		165	5825	14.62	15.00
	802.11ax HE40	151	5755	14.80	15.00
		159	5795	14.47	15.00
	802.11ax HE80	155	5775	14.63	15.00

4.3 Conducted Power of Bluetooth

BT Ant 12		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	15.00	15.77	15.33	16.00
	$\pi/4$ DQPSK	12.44	13.26	12.79	13.50
	8DPSK	12.46	13.28	12.82	13.50
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	10.25	10.42	10.55	11.00
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	10.58	10.33	10.39	11.00

BT Ant 12 Head For Simultaneous		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	10.02	10.70	10.21	11.00
	$\pi/4$ DQPSK	9.92	10.79	10.24	11.00
	8DPSK	10.10	10.60	10.25	11.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	10.25	10.42	10.55	11.00
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	10.58	10.33	10.39	11.00

BT Ant 12 Body-worn For Simultaneous		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	11.90	12.64	12.22	13.00
	$\pi/4$ DQPSK	11.92	12.73	12.16	13.00
	8DPSK	11.95	12.75	12.22	13.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	10.25	10.42	10.55	11.00
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	10.58	10.33	10.39	11.00

- End of the Appendix -