

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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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	12.57	12.55	12.66	12.73	12.70	12.69	14.50
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	12.69	12.71	12.56	12.73	12.74	12.83	14.50
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	12.74	12.73	12.54	12.71	12.65	12.72	14.50
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	12.62	12.73	12.63	12.76	12.76	12.70	14.50
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	12.62	12.71	12.70	12.80	12.66	12.76	14.50
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	12.71	12.65	12.67	12.75	12.65	12.82	14.50
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	12.65	12.61	12.73	12.82	12.80	12.66	14.50
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	12.62	12.67	12.54	12.80	12.65	12.68	14.50

N77 PC2 30kHz ECI 2/4				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	25.26	25.34	/	/	27.00
		1	137	/	/	25.48	25.45	/	/	27.00
		1	271	/	/	25.31	25.26	/	/	27.00
		135	0	/	/	22.05	21.94	/	/	23.50
		135	69	/	/	25.52	25.47	/	/	27.00
		135	138	/	/	22.03	21.97	/	/	23.50
		270	0	/	/	24.40	24.47	/	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	/	24.47	24.47	/	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	24.01	23.95	/	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	



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90MHz	DFT-s-OFDM QPSK	1	1	/	/	25.30	25.38	/	/	27.00
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	25.23	25.20	25.24	25.25	25.28	25.38	27.00
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	25.35	25.24	25.22	25.42	25.26	25.38	27.00
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	25.33	25.33	25.22	25.31	25.28	25.29	27.00
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	25.33	25.34	25.32	25.30	25.28	25.41	27.00
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	25.31	25.28	25.27	25.30	25.29	25.38	27.00
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	25.20	25.34	25.30	25.35	25.30	25.39	27.00
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	25.27	25.23	25.26	25.35	25.31	25.27	27.00
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	25.31	25.20	25.26	25.35	25.31	25.41	27.00
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	25.33	25.18	25.23	25.36	25.26	25.28	27.00
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	25.36	25.16	25.21	25.33	25.36	25.32	27.00

N77 PC2 30kHz ECI 3				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	654800	657200	/	/	19.00
		1	137	/	/	3822.00	3858.00	/	/	
		1	271	/	/	17.24	17.35	/	/	
		135	0	/	/	17.49	17.36	/	/	
				/	/	17.23	17.23	/	/	
				/	/	13.95	14.00	/	/	15.50



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		135	69	/	/	17.51	17.45	/	/	19.00
		135	138	/	/	13.94	14.04	/	/	15.50
		270	0	/	/	16.36	16.40	/	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	/	16.58	16.60	/	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	16.07	16.12	/	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	17.23	17.25	/	/	19.00
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	17.32	17.23	17.28	17.35	17.40	17.45	19.00
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	17.16	17.34	17.32	17.43	17.33	17.38	19.00
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	17.14	17.19	17.15	17.29	17.44	17.32	19.00
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	17.16	17.23	17.27	17.40	17.38	17.26	19.00
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	17.29	17.31	17.15	17.32	17.40	17.28	19.00
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	17.28	17.23	17.26	17.40	17.26	17.45	19.00
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	17.21	17.14	17.26	17.44	17.39	17.25	19.00
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	17.21	17.34	17.16	17.42	17.32	17.25	19.00
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	17.16	17.32	17.16	17.44	17.39	17.42	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				646998	650600	654196	657798	661400	665002	



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10MHz	DFT-s-OFDM QPSK	1	1	17.31	17.17	17.17	17.30	17.34	17.37	19.00
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N77 PC2 30kHz ECI 7				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	15.76	15.86	/	/	17.50
		1	137	/	/	16.02	16.01	/	/	17.50
		1	271	/	/	15.75	15.74	/	/	17.50
		135	0	/	/	12.52	12.49	/	/	14.00
		135	69	/	/	16.03	16.01	/	/	17.50
		135	138	/	/	12.49	12.47	/	/	14.00
		270	0	/	/	14.86	15.01	/	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	/	15.05	15.00	/	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	14.50	14.51	/	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	15.81	15.84	/	/	17.50
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	15.68	15.86	15.85	15.79	15.95	15.86	17.50
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	15.71	15.75	15.69	15.77	15.86	15.85	17.50
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	15.83	15.66	15.80	15.82	15.90	15.79	17.50
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	15.76	15.70	15.80	15.91	15.96	15.77	17.50
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	15.79	15.73	15.85	15.83	15.77	15.91	17.50
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	15.72	15.82	15.67	15.91	15.93	15.89	17.50
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	15.71	15.71	15.79	15.80	15.95	15.84	17.50



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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	15.68	15.74	15.73	15.78	15.77	15.81	17.50
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	15.71	15.86	15.85	15.81	15.77	15.77	17.50
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	15.70	15.86	15.75	15.77	15.86	15.81	17.50

N78 PC3 30kHz ECI 2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.30	/	24.00
		1	137	/	22.32	/	24.00
		1	271	/	22.33	/	24.00
		135	0	/	21.46	/	23.00
		135	69	/	22.46	/	24.00
		135	138	/	21.42	/	23.00
		270	0	/	21.78	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.41	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.87	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	22.40	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.41	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	22.21	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.31	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	22.22	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	



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40MHz	DFT-s-OFDM QPSK	1	1	/	22.16	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.23	22.32	22.45	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	22.24	22.20	22.45	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.19	22.25	22.17	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	22.22	22.20	22.28	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	22.42	22.31	22.36	24.00

N78 PC3 30kHz ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	14.24	/	16.00
		1	137	/	14.36	/	16.00
		1	271	/	14.26	/	16.00
		135	0	/	13.46	/	15.00
		135	69	/	14.44	/	16.00
		135	138	/	13.46	/	15.00
		270	0	/	13.84	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	13.45	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	12.98	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	14.35	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	14.28	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	14.28	/	16.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	14.19	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	14.37	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	14.12	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	14.30	14.20	14.37	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	14.15	14.21	14.14	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.37	14.12	14.12	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	14.34	14.34	14.31	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	14.11	14.15	14.18	16.00

N78 PC3 30kHz ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	12.78	/	14.50
		1	137	/	12.89	/	14.50
		1	271	/	12.87	/	14.50
		135	0	/	11.97	/	13.50
		135	69	/	12.94	/	14.50
		135	138	/	11.89	/	13.50
		270	0	/	12.21	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	11.91	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	11.36	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	



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90MHz	DFT-s-OFDM QPSK	1	1	/	12.88	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	12.86	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	12.71	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	12.88	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	12.80	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	12.88	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	12.70	12.90	12.87	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	12.67	12.85	12.67	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	12.87	12.81	12.72	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	12.71	12.66	12.85	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	12.91	12.81	12.79	14.50

N78 PC2 30kHz ECI 2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	25.25	/	27.00
		1	137	/	25.39	/	27.00
		1	271	/	25.37	/	27.00
		135	0	/	21.89	/	23.50



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		135	69	/	25.40	/	27.00
		135	138	/	21.88	/	23.50
		270	0	/	24.83	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.44	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	23.94	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	25.32	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.31	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	25.17	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.40	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	25.29	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	25.28	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	25.17	25.29	25.30	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.24	25.37	25.14	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	25.29	25.37	25.35	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	25.28	25.33	25.21	27.00



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N78 PC2_30kHz ECI 3				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.22	/	19.00
		1	137	/	17.44	/	19.00
		1	271	/	17.35	/	19.00
		135	0	/	13.87	/	15.50
		135	69	/	17.43	/	19.00
		135	138	/	13.89	/	15.50
		270	0	/	16.82	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	16.46	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.91	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	17.19	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.33	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	17.21	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	17.20	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	17.30	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.34	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	17.26	17.17	17.30	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.17	17.20	17.17	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	



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15MHz	DFT-s-OFDM QPSK	1	1	17.18	17.23	17.21	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.25	17.20	17.15	19.00

N78 PC2 30kHz ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	15.70	/	17.50
		1	137	/	15.93	/	17.50
		1	271	/	15.94	/	17.50
		135	0	/	12.40	/	14.00
		135	69	/	15.84	/	17.50
		135	138	/	12.39	/	14.00
		270	0	/	15.39	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	14.84	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.29	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	15.57	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	15.61	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	15.79	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	15.79	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	15.62	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.85	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.66	15.68	15.67	17.50



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Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.61	15.77	15.83	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.62	15.78	15.71	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.79	15.72	15.58	17.50

N78 PC3 30kHz ECI 2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	22.17	/	24.00
		1	137	/	22.21	/	24.00
		1	271	/	22.31	/	24.00
		135	0	/	21.34	/	23.00
		135	69	/	22.30	/	24.00
		135	138	/	21.35	/	23.00
		270	0	/	21.21	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.25	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	20.70	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	22.05	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	22.14	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	22.06	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	22.18	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	22.20	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up



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40MHz	DFT-s-OFDM QPSK	1	1	/	22.31	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.17	22.09	22.16	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647501	Channel 650000	Channel 652501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.26	22.26	22.06	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.10	22.05	22.28	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.25	22.11	22.15	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.29	22.27	22.03	24.00

N78 PC3 30kHz ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	14.20	/	16.00
		1	137	/	14.26	/	16.00
		1	271	/	14.25	/	16.00
		135	0	/	13.37	/	15.00
		135	69	/	14.31	/	16.00
		135	138	/	13.34	/	15.00
		270	0	/	13.20	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	13.26	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	12.76	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	14.22	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	14.22	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	14.07	/	16.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	14.29	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	14.21	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	14.19	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	14.26	14.17	14.06	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	14.19	14.16	14.32	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	14.34	14.28	14.23	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	14.33	14.26	14.12	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	14.24	14.29	14.23	16.00

N78 PC3 30kHz ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	12.66	/	14.50
		1	137	/	12.72	/	14.50
		1	271	/	12.78	/	14.50
		135	0	/	11.85	/	13.50
		135	69	/	12.83	/	14.50
		135	138	/	11.87	/	13.50
		270	0	/	11.68	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	11.87	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	11.42	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	



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90MHz	DFT-s-OFDM QPSK	1	1	/	12.71	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	12.54	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	12.73	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	12.75	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	12.73	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	12.68	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	12.53	12.65	12.64	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	12.76	12.78	12.70	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	12.64	12.79	12.80	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	12.70	12.71	12.72	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	12.77	12.56	12.54	14.50

N78 PC2 30kHz ECI 2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	25.12	/	27.00
		1	137	/	25.27	/	27.00
		1	271	/	25.36	/	27.00
		135	0	/	21.76	/	23.50



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		135	69	/	25.28	/	27.00
		135	138	/	21.78	/	23.50
		270	0	/	24.19	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.31	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	23.78	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	25.08	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.14	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	25.20	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.13	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	25.02	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	25.05	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	25.19	25.27	25.26	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	25.15	25.20	25.08	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	25.14	25.12	25.20	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	25.05	25.06	25.05	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	



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10MHz	DFT-s-OFDM QPSK	1	1	25.22	25.18	25.18	27.00
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N78 PC2 30kHz ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.11	/	19.00
		1	137	/	17.32	/	19.00
		1	271	/	17.32	/	19.00
		135	0	/	13.79	/	15.50
		135	69	/	17.21	/	19.00
		135	138	/	13.74	/	15.50
		270	0	/	16.19	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	16.23	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	15.76	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	17.08	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	17.21	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	17.02	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	17.07	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	17.24	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	17.20	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.09	17.16	17.26	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	17.15	17.07	17.20	19.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	17.12	17.14	17.26	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	17.09	17.20	17.19	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	17.16	17.17	17.09	19.00

N78 PC2 30kHz ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	15.58	/	17.50
		1	137	/	15.73	/	17.50
		1	271	/	15.80	/	17.50
		135	0	/	12.21	/	14.00
		135	69	/	15.74	/	17.50
		135	138	/	12.30	/	14.00
		270	0	/	14.71	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	14.73	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	14.26	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	15.69	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	15.56	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	15.58	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	15.59	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	15.67	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	



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40MHz	DFT-s-OFDM QPSK	1	1	/	15.56	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.50	15.61	15.56	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 647501	Channel 650000	Channel 652501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	15.68	15.68	15.54	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.68	15.69	15.53	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.55	15.59	15.58	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.63	15.71	15.52	17.50



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5 Conducted Power of WIFI and Bluetooth

5.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant 6 Sensor off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.42	19.00
	6	2437		17.04	19.00
	11	2462		17.22	19.00
802.11g	1	2412	6	17.32	19.00
	6	2437		17.45	19.00
	11	2462		17.51	19.00
802.11n HT20	1	2412	6.5	16.80	18.50
	6	2437		16.90	18.50
	11	2462		17.00	18.50
802.11n HT40	3	2422	13.5	15.93	17.50
	6	2437		16.07	17.50
	9	2452		15.97	17.50

WIFI 2.4G Ant 6 Hotspot					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.41	16.00
	6	2437		14.05	16.00
	11	2462		14.32	16.00
802.11g	1	2412	6	14.40	16.00
	6	2437		14.56	16.00
	11	2462		14.55	16.00
802.11n HT20	1	2412	6.5	14.36	16.00
	6	2437		14.46	16.00
	11	2462		14.48	16.00
802.11n HT40	3	2422	13.5	13.85	15.50
	6	2437		14.13	15.50
	9	2452		13.93	15.50

WIFI 2.4G Ant 6 Head &Body Worn Simultaneous transmission					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.47	14.00
	6	2437		12.07	14.00
	11	2462		12.18	14.00
802.11g	1	2412	6	12.34	14.00
	6	2437		12.40	14.00
	11	2462		12.50	14.00
802.11n HT20	1	2412	6.5	12.11	14.00
	6	2437		12.09	14.00
	11	2462		12.00	14.00
802.11n HT40	3	2422	13.5	11.98	13.50
	6	2437		12.15	13.50
	9	2452		11.92	13.50



5.2 Conducted Power of 5G WIFI

WIFI 5G Ant 6 Sensor off					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	17.46	19.00
		40	5200	17.59	19.00
		44	5220	17.39	19.00
		48	5240	17.60	19.00
	802.11n HT20	36	5180	16.95	18.50
		40	5200	18.07	19.00
		44	5220	17.83	19.00
		48	5240	17.55	19.00
	802.11n HT40	38	5190	15.13	16.50
		46	5230	16.41	18.00
	802.11ac VHT20	36	5180	17.01	19.00
		40	5200	18.08	19.50
		44	5220	17.85	19.50
		48	5240	17.60	19.50
	802.11ac VHT40	38	5190	15.23	17.00
		46	5230	16.62	18.50
	802.11ac VHT80	42	5210	13.87	15.50
5GHz U-NII-2A	802.11a	52	5260	17.69	19.50
		56	5280	17.54	19.50
		60	5300	17.70	19.50
		64	5320	16.71	18.50
	802.11n HT20	52	5260	17.56	19.50
		56	5280	17.52	19.50
		60	5300	18.18	19.50
		64	5320	16.69	18.50
	802.11n HT40	54	5270	16.37	18.00
		62	5310	15.23	16.50
	802.11ac VHT20	52	5260	18.12	19.50
		56	5280	17.79	19.50
		60	5300	18.17	19.50
		64	5320	16.71	18.50
	802.11ac VHT40	54	5270	16.68	18.50
		62	5310	15.31	17.00
	802.11ac VHT80	58	5290	14.17	16.00
5GHz UNII-2C	802.11a	100	5500	15.68	17.00
		104	5520	17.42	19.00
		108	5540	17.33	19.00
		112	5560	17.41	19.00
		116	5580	17.50	19.00
		120	5600	17.42	19.00
		124	5620	17.33	19.00
		128	5640	17.29	19.00
		132	5660	17.38	19.00
		136	5680	17.31	19.00
		140	5700	15.89	17.00
		144	5720	17.80	19.00
	802.11n HT20	100	5500	15.57	17.00
		104	5520	17.38	19.00
		108	5540	17.31	19.00
		112	5560	17.42	19.00
		116	5580	17.44	19.00



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		120	5600	17.38	19.00
		124	5620	17.31	19.00
		128	5640	17.39	19.00
		132	5660	17.27	19.00
		136	5680	17.35	19.00
		140	5700	15.57	17.00
		144	5720	17.79	19.00
	802.11n HT40	102	5510	14.91	16.00
		110	5550	16.43	18.00
		118	5590	16.42	18.00
		126	5630	16.47	18.00
		134	5670	16.49	18.00
		142	5710	16.48	18.00
	802.11ac VHT20	100	5500	15.62	17.00
		104	5520	17.38	19.00
		108	5540	17.51	19.00
		112	5560	17.62	19.00
		116	5580	17.87	19.00
		120	5600	17.62	19.00
		124	5620	17.55	19.00
		128	5640	17.45	19.00
		132	5660	17.58	19.00
		136	5680	17.42	19.00
		140	5700	15.68	17.00
		144	5720	17.49	19.00
	802.11ac VHT40	102	5510	14.98	16.50
		110	5550	16.78	18.50
		118	5590	16.77	18.50
		126	5630	16.82	18.50
		134	5670	16.78	18.50
		142	5710	16.67	18.50
	802.11ac VHT80	106	5530	13.89	15.00
		122	5610	15.90	17.50
		138	5690	16.10	17.50
5GHz UNII-3	802.11a	149	5745	18.03	19.50
		153	5765	17.91	19.50
		157	5785	18.05	19.50
		161	5805	17.89	19.50
		165	5825	18.02	19.50
	802.11n HT20	149	5745	17.88	19.50
		153	5765	17.82	19.50
		157	5785	18.35	19.50
		161	5805	18.03	19.50
	802.11n HT40	151	5755	17.02	18.50
		159	5795	16.89	18.50
		149	5745	17.90	19.50
	802.11ac VHT20	153	5765	17.78	19.50
		157	5785	17.88	19.50
		161	5805	17.92	19.50
		165	5825	18.28	19.50
	802.11ac VHT40	151	5755	17.22	19.00
		159	5795	17.02	19.00
	802.11ac VHT80	155	5775	16.02	18.00

WIFI 5G Ant 6 Head					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	14.00	15.50
		40	5200	14.12	15.50



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	802.11n HT20	44	5220	13.90	15.50
		48	5240	14.04	15.50
		36	5180	14.02	15.50
		40	5200	14.51	15.50
		44	5220	14.26	15.50
		48	5240	14.06	15.50
	802.11n HT40	38	5190	13.57	15.00
		46	5230	13.45	15.00
	802.11ac VHT20	36	5180	14.03	16.00
		40	5200	14.60	16.00
		44	5220	14.36	16.00
	802.11ac VHT40	48	5240	14.13	16.00
		38	5190	13.77	15.50
5GHz U-NII-2A	802.11a	46	5230	13.56	15.50
		42	5210	13.87	15.50
		52	5260	14.23	16.00
		56	5280	14.01	16.00
	802.11n HT20	60	5300	14.24	16.00
		64	5320	14.19	16.00
		52	5260	14.02	16.00
		56	5280	14.06	16.00
	802.11n HT40	60	5300	14.74	16.00
		64	5320	14.27	16.00
	802.11ac VHT20	54	5270	13.41	15.00
		62	5310	13.70	15.00
5GHz UNII-2C	802.11a	52	5260	14.60	16.00
		56	5280	14.32	16.00
		60	5300	14.64	16.00
		64	5320	14.28	16.00
	802.11ac VHT40	54	5270	13.74	15.50
		62	5310	13.75	15.50
	802.11ac VHT80	58	5290	14.24	16.00
		100	5500	15.68	17.00
	802.11n HT20	104	5520	17.42	19.00
		108	5540	17.33	19.00
		112	5560	17.41	19.00
		116	5580	17.50	19.00
		120	5600	17.42	19.00
		124	5620	17.33	19.00
		128	5640	17.29	19.00
		132	5660	17.38	19.00
		136	5680	17.31	19.00
		140	5700	15.89	17.00
		144	5720	17.80	19.00
	802.11n HT40	100	5500	15.57	17.00
		104	5520	17.38	19.00
		108	5540	17.31	19.00
		112	5560	17.42	19.00
		116	5580	17.44	19.00
		120	5600	17.38	19.00
		124	5620	17.31	19.00
		128	5640	17.39	19.00
		132	5660	17.27	19.00
		136	5680	17.35	19.00
		140	5700	15.57	17.00
		144	5720	17.79	19.00
	802.11n HT40	102	5510	14.91	16.00
		110	5550	16.43	18.00
		118	5590	16.42	18.00



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		126	5630	16.47	18.00
		134	5670	16.49	18.00
		142	5710	16.48	18.00
	802.11ac VHT20	100	5500	15.62	17.00
		104	5520	17.38	19.00
		108	5540	17.51	19.00
		112	5560	17.62	19.00
		116	5580	17.87	19.00
		120	5600	17.62	19.00
		124	5620	17.55	19.00
		128	5640	17.45	19.00
		132	5660	17.58	19.00
		136	5680	17.42	19.00
		140	5700	15.68	17.00
		144	5720	17.49	19.00
	802.11ac VHT40	102	5510	14.98	16.50
		110	5550	16.78	18.50
		118	5590	16.77	18.50
		126	5630	16.82	18.50
		134	5670	16.78	18.50
	802.11ac VHT80	142	5710	16.67	18.50
		106	5530	13.89	15.00
		122	5610	15.90	17.50
5GHz UNII-3	802.11a	138	5690	16.10	17.50
		149	5745	18.03	19.50
		153	5765	17.91	19.50
		157	5785	18.05	19.50
	802.11n HT20	161	5805	17.89	19.50
		165	5825	18.02	19.50
		149	5745	17.88	19.50
		153	5765	17.82	19.50
		157	5785	18.35	19.50
	802.11n HT40	161	5805	18.03	19.50
		165	5825	17.88	19.50
		151	5755	17.02	18.50
	802.11ac VHT20	159	5795	16.89	18.50
		149	5745	17.90	19.50
		153	5765	17.78	19.50
		157	5785	17.88	19.50
	802.11ac VHT40	161	5805	17.92	19.50
		165	5825	18.28	19.50
		151	5755	17.22	19.00
	802.11ac VHT80	159	5795	17.02	19.00
		155	5775	16.02	18.00

WIFI 5G Ant 6 Head Simultaneous transmission					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	9.00	10.50
		40	5200	9.16	10.50
		44	5220	8.86	10.50
		48	5240	9.08	10.50
	802.11n HT20	36	5180	9.00	10.50
		40	5200	9.56	10.50
		44	5220	9.31	10.50
		48	5240	9.07	10.50
	802.11n HT40	38	5190	9.52	11.00
		46	5230	8.00	9.50
	802.11ac VHT20	36	5180	9.52	11.50
		40	5200	9.61	11.00



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	802.11ac VHT40	44	5220	9.32	11.00
		48	5240	9.08	11.00
		38	5190	9.82	11.50
		46	5230	8.08	10.00
		42	5210	8.89	10.50
5GHz U-NII-2A	802.11a	52	5260	9.21	11.00
		56	5280	9.03	11.00
		60	5300	9.22	11.00
		64	5320	9.15	11.00
	802.11n HT20	52	5260	9.07	11.00
		56	5280	9.06	11.00
		60	5300	9.70	11.00
		64	5320	9.22	11.00
	802.11n HT40	54	5270	8.43	10.00
		62	5310	8.68	10.00
	802.11ac VHT20	52	5260	9.64	11.00
		56	5280	9.32	11.00
		60	5300	9.65	11.00
		64	5320	9.23	11.00
	802.11ac VHT40	54	5270	8.73	10.50
		62	5310	8.77	10.50
	802.11ac VHT80	58	5290	8.73	10.50
5GHz UNII-2C	802.11a	100	5500	12.73	14.00
		104	5520	12.41	14.00
		108	5540	12.33	14.00
		112	5560	12.38	14.00
		116	5580	12.45	14.00
		120	5600	12.40	14.00
		124	5620	12.36	14.00
		128	5640	12.30	14.00
		132	5660	12.36	14.00
		136	5680	12.31	14.00
		140	5700	12.86	14.00
		144	5720	12.79	14.00
	802.11n HT20	100	5500	12.54	14.00
		104	5520	12.43	14.00
		108	5540	12.34	14.00
		112	5560	12.46	14.00
		116	5580	12.44	14.00
		120	5600	12.36	14.00
		124	5620	12.35	14.00
		128	5640	12.37	14.00
		132	5660	12.30	14.00
		136	5680	12.33	14.00
		140	5700	12.59	14.00
		144	5720	12.74	14.00
	802.11n HT40	102	5510	12.41	13.50
		110	5550	11.91	13.50
		118	5590	11.94	13.50
		126	5630	11.96	13.50
		134	5670	11.98	13.50
	802.11ac VHT20	142	5710	12.03	13.50
		100	5500	12.62	14.00
		104	5520	12.33	14.00
		108	5540	12.52	14.00
		112	5560	12.59	14.00
		116	5580	12.84	14.00
		120	5600	12.65	14.00
		124	5620	12.57	14.00



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		128	5640	12.40	14.00
		132	5660	12.57	14.00
		136	5680	12.41	14.00
		140	5700	12.68	14.00
		144	5720	12.45	14.00
	802.11ac VHT40	102	5510	12.48	14.00
		110	5550	12.23	14.00
		118	5590	12.22	14.00
		126	5630	12.28	14.00
		134	5670	12.30	14.00
	802.11ac VHT80	142	5710	12.21	14.00
		106	5530	12.37	13.50
		122	5610	11.91	13.50
		138	5690	12.10	13.50
	5GHz UNII-3	149	5745	13.07	14.50
		153	5765	12.90	14.50
		157	5785	13.05	14.50
		161	5805	12.84	14.50
		165	5825	13.05	14.50
	802.11a	149	5745	12.87	14.50
		153	5765	12.83	14.50
		157	5785	13.33	14.50
		161	5805	13.07	14.50
	802.11n HT20	165	5825	12.92	14.50
		151	5755	12.48	14.00
		159	5795	12.42	14.00
		149	5745	12.89	14.50
	802.11n HT40	153	5765	12.78	14.50
		157	5785	12.89	14.50
		161	5805	12.93	14.50
		165	5825	13.31	14.50
	802.11ac VHT20	151	5755	12.19	14.00
		159	5795	12.00	14.00
	802.11ac VHT40	155	5775	12.04	14.00

WIFI 5G Ant 6 Bday worn					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	12.89	14.50
		40	5200	13.02	14.50
		44	5220	12.84	14.50
		48	5240	13.07	14.50
	802.11n HT20	36	5180	13.02	14.50
		40	5200	13.54	14.50
		44	5220	13.27	14.50
		48	5240	13.03	14.50
	802.11n HT40	38	5190	12.56	14.00
		46	5230	12.48	14.00
	802.11ac VHT20	36	5180	13.05	15.00
		40	5200	13.53	15.00
		44	5220	13.36	15.00
		48	5240	13.15	15.00
	802.11ac VHT40	38	5190	12.66	14.50
		46	5230	12.70	14.50
	802.11ac VHT80	42	5210	12.93	14.50
5GHz U-NII-2A	802.11a	52	5260	13.18	15.00
		56	5280	13.07	15.00
		60	5300	13.29	15.00
		64	5320	13.13	15.00



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	802.11n HT20	52	5260	13.10	15.00
		56	5280	13.00	15.00
		60	5300	13.63	15.00
		64	5320	13.23	15.00
	802.11n HT40	54	5270	12.38	14.00
		62	5310	12.78	14.00
	802.11ac VHT20	52	5260	13.67	15.00
		56	5280	13.30	15.00
		60	5300	13.64	15.00
		64	5320	13.16	15.00
	802.11ac VHT40	54	5270	12.69	14.50
		62	5310	12.74	14.50
	802.11ac VHT80	58	5290	12.60	14.50
5GHz UNII-2C	802.11a	100	5500	15.68	17.00
		104	5520	17.42	19.00
		108	5540	17.33	19.00
		112	5560	17.41	19.00
		116	5580	17.50	19.00
		120	5600	17.42	19.00
		124	5620	17.33	19.00
		128	5640	17.29	19.00
		132	5660	17.38	19.00
		136	5680	17.31	19.00
		140	5700	15.89	17.00
		144	5720	17.80	19.00
	802.11n HT20	100	5500	15.57	17.00
		104	5520	17.38	19.00
		108	5540	17.31	19.00
		112	5560	17.42	19.00
		116	5580	17.44	19.00
		120	5600	17.38	19.00
		124	5620	17.31	19.00
		128	5640	17.39	19.00
		132	5660	17.27	19.00
		136	5680	17.35	19.00
		140	5700	15.57	17.00
		144	5720	17.79	19.00
	802.11n HT40	102	5510	14.91	16.00
		110	5550	16.43	18.00
		118	5590	16.42	18.00
		126	5630	16.47	18.00
		134	5670	16.49	18.00
		142	5710	16.48	18.00
	802.11ac VHT20	100	5500	15.62	17.00
		104	5520	17.38	19.00
		108	5540	17.51	19.00
		112	5560	17.62	19.00
		116	5580	17.87	19.00
		120	5600	17.62	19.00
		124	5620	17.55	19.00
		128	5640	17.45	19.00
		132	5660	17.58	19.00
		136	5680	17.42	19.00
		140	5700	15.68	17.00
		144	5720	17.49	19.00
	802.11ac VHT40	102	5510	14.98	16.50
		110	5550	16.78	18.50
		118	5590	16.77	18.50
		126	5630	16.82	18.50
		134	5670	16.78	18.50
		142	5710	16.78	18.50



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5GHz UNII-3	802.11ac VHT80	142	5710	16.67	18.50
		106	5530	13.89	15.00
		122	5610	15.90	17.50
		138	5690	16.10	17.50
	802.11a	149	5745	18.03	19.50
		153	5765	17.91	19.50
		157	5785	18.05	19.50
		161	5805	17.89	19.50
		165	5825	18.02	19.50
		149	5745	17.88	19.50
	802.11n HT20	153	5765	17.82	19.50
		157	5785	18.35	19.50
		161	5805	18.03	19.50
		165	5825	17.88	19.50
	802.11n HT40	151	5755	17.02	18.50
		159	5795	16.89	18.50
	802.11ac VHT20	149	5745	17.90	19.50
		153	5765	17.78	19.50
		157	5785	17.88	19.50
		161	5805	17.92	19.50
		165	5825	18.28	19.50
	802.11ac VHT40	151	5755	17.22	19.00
		159	5795	17.02	19.00
	802.11ac VHT80	155	5775	16.02	18.00

WIFI 5G Ant 6 Bday worn imultaneous transmission					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	7.92	9.50
		40	5200	8.03	9.50
		44	5220	7.79	9.50
		48	5240	8.03	9.50
	802.11n HT20	36	5180	8.07	9.50
		40	5200	8.55	9.50
		44	5220	8.24	9.50
		48	5240	8.04	9.50
	802.11n HT40	38	5190	7.55	9.00
		46	5230	7.44	9.00
	802.11ac VHT20	36	5180	8.09	10.00
		40	5200	8.53	10.00
		44	5220	8.39	10.00
		48	5240	8.12	10.00
	802.11ac VHT40	38	5190	7.65	9.50
		46	5230	7.65	9.50
	802.11ac VHT80	42	5210	7.91	9.50
5GHz U-NII-2A	802.11a	52	5260	8.14	10.00
		56	5280	8.12	10.00
		60	5300	8.28	10.00
		64	5320	8.08	10.00
	802.11n HT20	52	5260	8.05	10.00
		56	5280	8.16	10.00
		60	5300	8.62	10.00
		64	5320	8.28	10.00
	802.11n HT40	54	5270	7.36	9.00
		62	5310	7.80	9.00
	802.11ac VHT20	52	5260	8.68	10.00
		56	5280	8.32	10.00
		60	5300	8.62	10.00
		64	5320	8.13	10.00



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	802.11ac VHT40	54	5270	7.64	9.50
		62	5310	7.71	9.50
	802.11ac VHT80	58	5290	7.63	9.50
5GHz UNII-2C	802.11a	100	5500	12.73	14.00
		104	5520	12.41	14.00
		108	5540	12.33	14.00
		112	5560	12.38	14.00
		116	5580	12.45	14.00
		120	5600	12.40	14.00
		124	5620	12.36	14.00
		128	5640	12.30	14.00
		132	5660	12.36	14.00
		136	5680	12.31	14.00
		140	5700	12.86	14.00
		144	5720	12.79	14.00
	802.11n HT20	100	5500	12.54	14.00
		104	5520	12.43	14.00
		108	5540	12.34	14.00
		112	5560	12.46	14.00
		116	5580	12.44	14.00
		120	5600	12.36	14.00
		124	5620	12.35	14.00
		128	5640	12.37	14.00
		132	5660	12.30	14.00
		136	5680	12.33	14.00
		140	5700	12.59	14.00
		144	5720	12.74	14.00
	802.11n HT40	102	5510	12.41	13.50
		110	5550	11.91	13.50
		118	5590	11.94	13.50
		126	5630	11.96	13.50
		134	5670	11.98	13.50
	802.11ac VHT20	142	5710	12.03	13.50
		100	5500	12.62	14.00
		104	5520	12.33	14.00
		108	5540	12.52	14.00
		112	5560	12.59	14.00
		116	5580	12.84	14.00
		120	5600	12.65	14.00
		124	5620	12.57	14.00
		128	5640	12.40	14.00
		132	5660	12.57	14.00
		136	5680	12.41	14.00
		140	5700	12.68	14.00
		144	5720	12.45	14.00
	802.11ac VHT40	102	5510	12.48	14.00
		110	5550	12.23	14.00
		118	5590	12.22	14.00
		126	5630	12.28	14.00
		134	5670	12.30	14.00
	802.11ac VHT80	142	5710	12.21	14.00
		106	5530	12.37	13.50
		122	5610	11.91	13.50
		138	5690	12.10	13.50
5GHz UNII-3	802.11a	149	5745	13.07	14.50
		153	5765	12.90	14.50
		157	5785	13.05	14.50
		161	5805	12.84	14.50
		165	5825	13.05	14.50
	802.11n	149	5745	12.87	14.50



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	HT20	153	5765	12.83	14.50
		157	5785	13.33	14.50
		161	5805	13.07	14.50
		165	5825	12.92	14.50
	802.11n HT40	151	5755	12.48	14.00
		159	5795	12.42	14.00
	802.11ac VHT20	149	5745	12.89	14.50
		153	5765	12.78	14.50
		157	5785	12.89	14.50
		161	5805	12.93	14.50
	802.11ac VHT40	165	5825	13.31	14.50
		151	5755	12.19	14.00
	802.11ac VHT80	159	5795	12.00	14.00
		155	5775	12.04	14.00

WIFI 5G Ant 6 Hotspot					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	9.97	11.50
		40	5200	10.14	11.50
		44	5220	9.91	11.50
		48	5240	10.09	11.50
	802.11n HT20	36	5180	9.40	11.00
		40	5200	10.62	11.50
		44	5220	10.33	11.50
		48	5240	10.07	11.50
	802.11n HT40	38	5190	9.61	11.00
		46	5230	9.38	11.00
	802.11ac VHT20	36	5180	10.02	12.00
		40	5200	10.59	12.00
		44	5220	10.36	12.00
		48	5240	10.11	12.00
	802.11ac VHT40	38	5190	9.76	11.50
		46	5230	9.60	11.50
	802.11ac VHT80	42	5210	9.82	11.50
5GHz U-NII-2A	802.11a	52	5260	10.23	12.00
		56	5280	10.04	12.00
		60	5300	10.23	12.00
		64	5320	10.27	12.00
	802.11n HT20	52	5260	10.08	12.00
		56	5280	10.00	12.00
		60	5300	10.65	12.00
		64	5320	10.24	12.00
	802.11n HT40	54	5270	9.30	11.00
		62	5310	9.71	11.00
	802.11ac VHT20	52	5260	10.54	12.00
		56	5280	10.26	12.00
		60	5300	10.64	12.00
		64	5320	10.21	12.00
	802.11ac VHT40	54	5270	9.65	11.50
		62	5310	9.78	11.50
	802.11ac VHT80	58	5290	9.61	11.50
5GHz UNII-2C	802.11a	100	5500	15.68	17.00
		104	5520	17.42	19.00
		108	5540	17.33	19.00
		112	5560	17.41	19.00
		116	5580	17.50	19.00
		120	5600	17.42	19.00



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		124	5620	17.33	19.00
		128	5640	17.29	19.00
		132	5660	17.38	19.00
		136	5680	17.31	19.00
		140	5700	15.89	17.00
802.11n HT20		144	5720	17.80	19.00
		100	5500	15.57	17.00
		104	5520	17.38	19.00
		108	5540	17.31	19.00
		112	5560	17.42	19.00
		116	5580	17.44	19.00
		120	5600	17.38	19.00
		124	5620	17.31	19.00
		128	5640	17.39	19.00
		132	5660	17.27	19.00
		136	5680	17.35	19.00
		140	5700	15.57	17.00
		144	5720	17.79	19.00
802.11n HT40		102	5510	14.91	16.00
		110	5550	16.43	18.00
		118	5590	16.42	18.00
		126	5630	16.47	18.00
		134	5670	16.49	18.00
802.11ac VHT20		142	5710	16.48	18.00
		100	5500	15.62	17.00
		104	5520	17.38	19.00
		108	5540	17.51	19.00
		112	5560	17.62	19.00
		116	5580	17.87	19.00
		120	5600	17.62	19.00
		124	5620	17.55	19.00
		128	5640	17.45	19.00
		132	5660	17.58	19.00
802.11ac VHT40		136	5680	17.42	19.00
		140	5700	15.68	17.00
		144	5720	17.49	19.00
		102	5510	14.98	16.50
		110	5550	16.78	18.50
802.11ac VHT80		118	5590	16.77	18.50
		126	5630	16.82	18.50
		134	5670	16.78	18.50
		142	5710	16.67	18.50
		106	5530	13.89	15.00
5GHz UNII-3	802.11a	122	5610	15.90	17.50
		138	5690	16.10	17.50
		149	5745	13.50	15.00
		153	5765	13.36	15.00
		157	5785	13.62	15.00
	802.11n HT20	161	5805	13.44	15.00
		165	5825	13.50	15.00
		149	5745	13.42	15.00
		153	5765	13.28	15.00
		157	5785	13.81	15.00
	802.11n HT40	161	5805	13.50	15.00
		165	5825	13.38	15.00
		151	5755	13.05	14.50
	802.11ac VHT20	159	5795	12.89	14.50
		149	5745	13.40	15.00
		153	5765	13.23	15.00
		157	5785	13.40	15.00
		161	5805	13.43	15.00



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		165	5825	13.81	15.00
	802.11ac	151	5755	13.19	15.00
	VHT40	159	5795	13.01	15.00
	802.11ac	155	5775	12.50	14.50
	VHT80				

WIFI 5G Ant 6 Product specific 10gSAR Simultaneous transmission					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	12.99	14.50
		40	5200	13.07	14.50
		44	5220	12.88	14.50
		48	5240	13.05	14.50
	802.11n HT20	36	5180	12.97	14.50
		40	5200	13.60	14.50
		44	5220	13.30	14.50
		48	5240	13.01	14.50
	802.11n HT40	38	5190	12.14	13.50
		46	5230	11.93	13.50
	802.11ac VHT20	36	5180	12.51	14.50
		40	5200	13.03	14.50
		44	5220	12.87	14.50
		48	5240	12.63	14.50
	802.11ac VHT40	38	5190	12.21	14.00
		46	5230	12.10	14.00
	802.11ac VHT80	42	5210	12.36	14.00
5GHz U-NII-2A	802.11a	52	5260	12.71	14.50
		56	5280	12.54	14.50
		60	5300	12.72	14.50
		64	5320	12.72	14.50
	802.11n HT20	52	5260	12.59	14.50
		56	5280	12.57	14.50
		60	5300	13.23	14.50
		64	5320	12.74	14.50
	802.11n HT40	54	5270	11.91	13.50
		62	5310	12.26	13.50
	802.11ac VHT20	52	5260	13.13	14.50
		56	5280	12.75	14.50
		60	5300	13.16	14.50
		64	5320	12.67	14.50
	802.11ac VHT40	54	5270	12.20	14.00
		62	5310	12.35	14.00
	802.11ac VHT80	58	5290	12.19	14.00
5GHz UNII-2C	802.11a	100	5500	12.73	14.00
		104	5520	12.41	14.00
		108	5540	12.33	14.00
		112	5560	12.38	14.00
		116	5580	12.45	14.00
		120	5600	12.40	14.00
		124	5620	12.36	14.00
		128	5640	12.30	14.00
		132	5660	12.36	14.00
		136	5680	12.31	14.00
		140	5700	12.86	14.00
		144	5720	12.79	14.00
	802.11n HT20	100	5500	12.54	14.00
		104	5520	12.43	14.00
		108	5540	12.34	14.00
		112	5560	12.46	14.00



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		116	5580	12.44	14.00	
		120	5600	12.36	14.00	
		124	5620	12.35	14.00	
		128	5640	12.37	14.00	
		132	5660	12.30	14.00	
		136	5680	12.33	14.00	
		140	5700	12.59	14.00	
		144	5720	12.74	14.00	
		802.11n HT40	102	5510	12.41	13.50
			110	5550	11.91	13.50
			118	5590	11.94	13.50
			126	5630	11.96	13.50
			134	5670	11.98	13.50
			142	5710	12.03	13.50
	802.11ac VHT20	100	5500	12.62	14.00	
		104	5520	12.33	14.00	
		108	5540	12.52	14.00	
		112	5560	12.59	14.00	
		116	5580	12.84	14.00	
		120	5600	12.65	14.00	
		124	5620	12.57	14.00	
		128	5640	12.40	14.00	
		132	5660	12.57	14.00	
		136	5680	12.41	14.00	
	802.11ac VHT40	140	5700	12.68	14.00	
		144	5720	12.45	14.00	
		102	5510	12.48	14.00	
		110	5550	12.23	14.00	
		118	5590	12.22	14.00	
		126	5630	12.28	14.00	
	802.11ac VHT80	134	5670	12.30	14.00	
		142	5710	12.21	14.00	
		106	5530	12.37	13.50	
		122	5610	11.91	13.50	
5GHz UNII-3	802.11a	138	5690	12.10	13.50	
		149	5745	18.03	19.50	
		153	5765	17.91	19.50	
		157	5785	18.05	19.50	
		161	5805	17.89	19.50	
	802.11n HT20	165	5825	18.02	19.50	
		149	5745	17.88	19.50	
		153	5765	17.82	19.50	
		157	5785	18.35	19.50	
		161	5805	18.03	19.50	
	802.11n HT40	165	5825	17.88	19.50	
		151	5755	17.02	18.50	
		159	5795	16.89	18.50	
	802.11ac VHT20	149	5745	17.90	19.50	
		153	5765	17.78	19.50	
		157	5785	17.88	19.50	
		161	5805	17.92	19.50	
		165	5825	18.28	19.50	
	802.11ac VHT40	151	5755	17.22	19.00	
		159	5795	17.02	19.00	
	802.11ac VHT80	155	5775	16.02	18.00	



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5.3 Conducted Power of Bluetooth

BT Ant 6		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	11.12	11.15	11.41	13.00
	$\pi/4$ DQPSK	7.80	7.75	8.11	9.50
	8DPSK	7.85	7.74	8.22	9.50
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	5.23	6.23	5.01	7.00
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	5.43	6.32	5.21	7.00

- End of the Appendix -

