

	QPSK									
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	16.33	16.13	16.25	16.24	16.31	16.16	18.00
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	16.33	16.17	16.24	16.23	16.24	16.19	18.00
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	16.27	16.14	16.16	16.25	16.26	16.16	18.00
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	16.27	16.13	16.17	16.19	16.27	16.20	18.00
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	16.33	16.17	16.23	16.21	16.26	16.20	18.00
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	16.26	16.20	16.18	16.19	16.25	16.14	18.00
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	16.26	16.17	16.19	16.27	16.27	16.20	18.00
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	16.29	16.21	16.16	16.19	16.33	16.18	18.00
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	16.26	16.20	16.24	16.23	16.28	16.17	18.00
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	16.34	16.16	16.17	16.22	16.31	16.12	18.00
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	16.31	16.17	16.18	16.20	16.30	16.16	18.00

N77 PC2 30kHz Full Power&DSI 2&4				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	/	/	/	/	662000	
				3750.00	/	/	/	/	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	23.75	/	/	/	/	23.58	25.50
		1	137	23.69	/	/	/	/	23.60	25.50
		1	271	23.63	/	/	/	/	23.58	25.50
		135	0	20.29	/	/	/	/	20.12	22.00
		135	69	23.65	/	/	/	/	23.54	25.50
		135	138	20.28	/	/	/	/	20.07	22.00
		270	0	22.65	/	/	/	/	22.61	24.50
	DFT-s-OFDM 16QAM	1	1	22.67	/	/	/	/	22.61	24.50

Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.33	/	/	/	/	22.32	24.00
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	23.66	23.63	23.50	23.64	23.64	23.58	25.50
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	23.65	23.63	23.54	23.64	23.64	23.57	25.50
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	23.66	23.61	23.55	23.63	23.63	23.54	25.50
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	23.66	23.62	23.53	23.63	23.66	23.58	25.50
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	23.68	23.62	23.52	23.66	23.60	23.52	25.50
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	23.63	23.59	23.50	23.63	23.66	23.53	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654334	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s- OFDM QPSK	1	1	23.64	23.62	23.51	23.63	23.64	23.55	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	DFT-s- OFDM QPSK	1	1	23.63	23.63	23.52	23.62	23.65	23.53	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650700	Channel 654200	Channel 657600	Channel 661000	Channel 664400	Tune up
15MHz	DFT-s- OFDM QPSK	1	1	23.63	23.59	23.56	23.67	23.62	23.55	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654134	Channel 657466	Channel 660800	Channel 664134	Tune up
10MHz	DFT-s- OFDM QPSK	1	1	23.68	23.61	23.55	23.63	23.63	23.57	25.50

N77 PC2 30kHz DSI 1&3&5				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	
100MHz	DFT-s- OFDM QPSK	1	1	16.61	0	0	0	0	16.58	18.50
		1	137	16.54	0	0	0	0	16.52	18.50
		1	271	16.50	0	0	0	0	16.55	18.50
		135	0	13.15	0	0	0	0	13.20	15.00
		135	69	16.54	0	0	0	0	16.50	18.50
		135	138	13.16	0	0	0	0	13.18	15.00
		270	0	15.57	0	0	0	0	15.51	17.50
	DFT-s- OFDM 16QAM	1	1	15.52	0	0	0	0	15.61	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	Tune up

100MHz	CP-OFDM QPSK	1	1	15.23	0	0	0	0	15.19	17.00
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	16.58	16.59	16.50	16.60	16.58	16.51	18.50
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	16.55	16.59	16.50	16.53	16.60	16.51	18.50
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	16.54	16.54	16.59	16.51	16.57	16.51	18.50
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	16.51	16.52	16.54	16.53	16.54	16.56	18.50
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	16.54	16.53	16.55	16.51	16.56	16.56	18.50
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	16.50	16.51	16.59	16.58	16.60	16.53	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654334	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.55	16.57	16.53	16.54	16.53	16.56	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.51	16.56	16.56	16.66	16.53	16.54	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650700	Channel 654200	Channel 657600	Channel 661000	Channel 664400	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.50	16.56	16.56	16.52	16.53	16.50	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654134	Channel 657466	Channel 660800	Channel 664134	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.54	16.57	16.53	16.50	16.53	16.56	18.50

N78 PC3 30kHz Full Power&DSI 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	/	23.50	/	25.00
		1	137	/	23.41	/	25.00
		1	271	/	23.48	/	25.00
		135	0	/	22.47	/	24.00
		135	69	/	23.49	/	25.00
		135	138	/	22.48	/	24.00
		270	0	/	22.51	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.45	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	23.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.40	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.39	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	23.36	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.37	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	23.35	23.37	23.41	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	23.40	23.37	23.39	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	23.38	23.36	23.38	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	23.38	23.41	23.40	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.39	23.40	23.41	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	23.38	23.37	23.36	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	23.37	23.36	23.37	25.00

N78 PC3_30kHz DSI 1&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	/	16.31	/	18.00
		1	137	/	16.15	/	18.00
		1	271	/	16.23	/	18.00
		135	0	/	15.27	/	17.00
		135	69	/	16.22	/	18.00
		135	138	/	15.21	/	17.00
		270	0	/	15.30	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	15.23	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.75	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s- OFDM QPSK	1	1	/	16.17	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s- OFDM QPSK	1	1	/	16.15	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s- OFDM QPSK	1	1	/	16.16	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s- OFDM QPSK	1	1	/	16.15	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s- OFDM QPSK	1	1	16.21	16.21	16.15	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s- OFDM QPSK	1	1	16.13	16.20	16.19	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s- OFDM QPSK	1	1	16.16	16.15	16.22	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s- OFDM QPSK	1	1	16.21	16.19	16.20	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s- OFDM QPSK	1	1	16.21	16.15	16.20	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s- OFDM QPSK	1	1	16.15	16.20	16.17	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s- OFDM QPSK	1	1	16.17	16.22	16.22	18.00

N78 PC2_30kHz Full Power&DSI 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	/	25.56	/	27.00
		1	137	/	25.53	/	27.00
		1	271	/	25.40	/	27.00
		135	0	/	22.04	/	23.50
		135	69	/	25.51	/	27.00
		135	138	/	22.11	/	23.50
		270	0	/	24.61	/	26.00
	DFT-s-	1	1	/	24.48	/	26.00

	OFDM 16QAM						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	24.01	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	25.54	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.50	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	25.52	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.50	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	25.48	25.49	25.51	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	25.44	25.49	25.55	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	25.49	25.51	25.52	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.45	25.47	25.52	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	25.45	25.50	25.52	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	25.46	25.48	25.53	27.00

N78 PC2 30kHz DSI 1&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	/	18.28	/	20.00
		1	137	/	18.25	/	20.00
		1	271	/	18.07	/	20.00
		135	0	/	14.75	/	16.50
		135	69	/	18.17	/	20.00
		135	138	/	14.83	/	16.50
		270	0	/	17.29	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	17.20	/	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.64	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.18	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.23	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	18.22	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.19	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.12	18.17	18.20	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.13	18.19	18.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.10	18.18	18.19	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.18	18.16	18.19	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	18.17	18.16	18.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	18.15	18.14	18.22	20.00

N78 PC3 30kHz Full Power&DSI 2&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	/	23.35	/	25.00
		1	137	/	23.24	/	25.00
		1	271	/	23.25	/	25.00
		135	0	/	22.24	/	24.00
		135	69	/	23.24	/	25.00
		135	138	/	22.19	/	24.00
		270	0	/	22.28	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.23	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	

100MHz	CP-OFDM QPSK	1	1	/	21.77	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.34	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.33	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	23.35	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.35	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	23.39	23.39	23.33	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	23.38	23.38	23.34	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	23.39	23.37	23.35	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	23.39	23.41	23.31	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	23.37	23.37	23.31	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	23.41	23.38	23.33	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	23.36	23.38	23.31	25.00

N78 PC3_30kHz DSI 1&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	/	16.28	/	18.00
		1	137	/	16.22	/	18.00
		1	271	/	16.27	/	18.00
		135	0	/	15.22	/	17.00
		135	69	/	16.22	/	18.00
		135	138	/	15.17	/	17.00
		270	0	/	15.25	/	17.00
	DFT-s-OFDM	1	1	/	15.23	/	17.00

	16QAM						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	16.27	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	16.27	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	16.26	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	16.25	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.26	16.26	16.15	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.20	16.22	16.11	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.17	16.27	16.17	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	16.20	16.22	16.18	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.24	16.22	16.15	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.22	16.23	16.16	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.22	16.20	16.17	18.00

N78 PC2_30kHz Full Power&DSI 2&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	25.39	/	27.00
		1	137	/	25.35	/	27.00
		1	271	/	25.19	/	27.00
		135	0	/	21.84	/	23.50
		135	69	/	25.31	/	27.00
		135	138	/	21.89	/	23.50

		270	0	/	24.40	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.24	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	23.81	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	25.34	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.32	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	25.31	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.36	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	25.28	25.31	25.34	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	25.24	25.33	25.31	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	25.24	25.29	25.34	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	25.25	25.29	25.33	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
15MHz	DFT-s-OFDM QPSK	1	1	25.24	25.32	25.34	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				646666	650000	653336	
10MHz	DFT-s-OFDM QPSK	1	1	25.27	25.30	25.32	27.00

N78 PC2_30kHz DSI 1&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	/	18.28	/	20.00
		1	137	/	18.19	/	20.00
		1	271	/	18.04	/	20.00
		135	0	/	14.66	/	16.50
		135	69	/	18.23	/	20.00
		135	138	/	14.79	/	16.50
		270	0	/	17.32	/	19.00
	DFT-s-	1	1	/	17.12	/	19.00

	OFDM 16QAM						
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	16.72	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
90MHz	DFT-s- OFDM QPSK	1	1	/	18.21	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
80MHz	DFT-s- OFDM QPSK	1	1	/	18.21	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
70MHz	DFT-s- OFDM QPSK	1	1	/	18.18	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
60MHz	DFT-s- OFDM QPSK	1	1	/	18.19	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s- OFDM QPSK	1	1	18.10	18.20	18.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s- OFDM QPSK	1	1	18.15	18.23	18.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s- OFDM QPSK	1	1	18.11	18.25	18.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s- OFDM QPSK	1	1	18.11	18.24	18.18	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
15MHz	DFT-s- OFDM QPSK	1	1	18.12	18.24	18.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 646666	Channel 650000	Channel 653336	Tune up
10MHz	DFT-s- OFDM QPSK	1	1	18.11	18.19	18.21	20.00

2.10 Conducted Power of NR (Ant9)

N48 30kHz Full Power&DSI 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	/	21.14	/	22.50
		1	53	/	21.10	/	22.50
		1	104	/	21.08	/	22.50
		50	0	/	20.16	/	21.50
		50	28	/	21.12	/	22.50
		50	56	/	20.09	/	21.50
		100	0	/	20.17	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.14	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	19.70	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	21.08	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.01	21.10	21.08	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.00	21.10	21.07	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.99	21.08	21.09	22.50

N48 30kHz DSI 2&3&4&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	/	10.16	/	11.50
		1	53	/	10.07	/	11.50
		1	104	/	10.10	/	11.50
		50	0	/	9.16	/	10.50
		50	28	/	10.10	/	11.50
		50	56	/	9.06	/	10.50
		100	0	/	9.13	/	10.50
	DFT-s-OFDM 16QAM	1	1	/	9.11	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	8.66	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	10.05	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	10.03	10.08	10.10	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				637167	641666	646167	
15MHz	DFT-s-OFDM QPSK	1	1	10.00	10.13	10.12	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 637000	Channel 641666	Channel 646333	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	9.97	10.07	10.06	11.50

N77 PC3 30kHz Full Power&DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	23.19	/	25.00
		1	137	/	23.10	/	25.00
		1	271	/	23.15	/	25.00
		135	0	/	22.21	/	24.00
		135	69	/	23.17	/	25.00
		135	138	/	22.15	/	24.00
		270	0	/	22.20	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.17	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.79	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.14	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.11	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	23.13	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.15	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	23.14	23.18	23.16	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	23.12	23.19	23.14	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	23.10	23.16	23.18	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	23.10	23.19	23.15	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-	1	1	23.10	23.19	23.14	25.00

	OFDM QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel 630501	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.13	23.15	23.14	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.10	23.14	23.14	25.00

N77 PC3 30kHz DSI 2&3&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	3500.01	/	10.50
		1	137	/	8.57	/	10.50
		1	271	/	8.64	/	10.50
		135	0	/	7.64	/	9.50
		135	69	/	8.62	/	10.50
		135	138	/	7.62	/	9.50
		270	0	/	7.65	/	9.50
	DFT-s-OFDM 16QAM	1	1	/	7.66	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	9.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	8.56	8.57	8.63	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	8.62	8.58	8.54	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	8.56	8.59	8.62	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	8.62	8.57	8.57	10.50

Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	8.55	8.58	8.55	10.50
Bandwidth	Modulation	RB size	RB offset	Channel 630501	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	8.57	8.63	8.54	10.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	8.55	8.63	8.60	10.50

N77 PC2_30kHz Full Power&DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	3500.01	/	25.50
		1	137	/	23.76	/	25.50
		1	271	/	23.70	/	25.50
		135	0	/	23.68	/	25.50
		135	69	/	20.27	/	22.00
		135	138	/	23.71	/	25.50
		270	0	/	20.30	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	22.67	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	22.72	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	23.30	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	23.69	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	23.67	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	23.68	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	23.66	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.67	23.66	23.71	25.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.67	23.67	23.69	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.71	23.67	23.67	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up

20MHz	DFT-s-OFDM QPSK	1	1	23.68	23.68	23.69	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	23.69	23.72	23.68	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	23.67	23.66	23.70	25.50

N77 PC2 30kHz DSI 2&3&4&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	/	9.28	/	11.00
		1	137	/	9.15	/	11.00
		1	271	/	9.12	/	11.00
		135	0	/	5.73	/	7.50
		135	69	/	9.18	/	11.00
		135	138	/	5.74	/	7.50
		270	0	/	8.17	/	10.00
	DFT-s-OFDM 16QAM	1	1	/	8.18	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	7.81	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	9.20	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	9.18	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	9.19	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	9.19	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	9.14	9.12	9.21	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	9.10	9.17	9.17	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	9.12	9.15	9.19	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM	1	1	9.17	9.14	9.20	11.00

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	9.15	9.12	9.19	11.00
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	9.17	9.12	9.23	11.00

N77 PC3 30kHz Full Power&DSI 1				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	Tune up
				3750.00	/	/	/	/	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	23.20	/	/	/	/	23.06	25.00
		1	137	23.02	/	/	/	/	23.01	25.00
		1	271	23.08	/	/	/	/	23.05	25.00
		135	0	22.18	/	/	/	/	22.01	24.00
		135	69	23.18	/	/	/	/	23.00	25.00
		135	138	22.11	/	/	/	/	22.03	24.00
		270	0	22.22	/	/	/	/	22.03	24.00
	DFT-s-OFDM 16QAM	1	1	22.18	/	/	/	/	22.12	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	21.61	/	/	/	/	21.61	23.50
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	23.05	23.10	23.06	23.05	23.07	23.08	25.00
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	23.10	23.08	23.11	23.06	23.07	23.10	25.00
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	23.08	23.11	23.06	23.06	23.09	23.06	25.00
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	23.06	23.09	23.10	23.06	23.09	23.10	25.00
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	23.08	23.08	23.10	23.07	23.09	23.08	25.00
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	23.09	23.05	23.10	23.09	23.08	23.05	25.00
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	23.10	23.08	23.06	23.10	23.11	23.09	25.00
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	23.09	23.10	23.09	23.09	23.08	23.10	25.00
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	23.05	23.05	23.11	23.09	23.07	23.10	25.00
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	23.09	23.07	23.06	23.08	23.09	23.05	25.00
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	23.05	23.06	23.06	23.10	23.06	23.05	25.00

N77 PC3 30kHz DSI 2&3&4&5				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	/	/	/	/	662000	
				3750.00	/	/	/	/	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	8.82	/	/	/	/	8.61	10.50
		1	137	8.69	/	/	/	/	8.64	10.50
		1	271	8.65	/	/	/	/	8.60	10.50
		135	0	7.77	/	/	/	/	7.65	9.50
		135	69	8.81	/	/	/	/	8.59	10.50
		135	138	7.83	/	/	/	/	7.58	9.50
		270	0	7.86	/	/	/	/	7.62	9.50
	DFT-s-OFDM 16QAM	1	1	7.74	/	/	/	/	7.67	9.50
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	7.27	/	/	/	/	7.31	9.00
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	8.68	8.58	8.63	8.60	8.65	8.62	10.50
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	8.66	8.58	8.65	8.62	8.68	8.59	10.50
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	8.72	8.61	8.61	8.61	8.64	8.67	10.50
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	8.68	8.62	8.61	8.66	8.67	8.63	10.50
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	8.68	8.63	8.61	8.65	8.63	8.61	10.50
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	8.67	8.63	8.61	8.66	8.61	8.60	10.50
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	8.67	8.59	8.65	8.59	8.65	8.67	10.50
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-	1	1	8.66	8.62	8.65	8.66	8.68	8.65	10.50

	OFDM QPSK									
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	8.72	8.66	8.60	8.67	8.66	8.62	10.50
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	8.68	8.58	8.65	8.59	8.69	8.65	10.50
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	8.67	8.60	8.66	8.66	8.65	8.62	10.50

N77 PC2 30kHz Full Power&DSI 1				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	/	/	/	/	662000	
				3750.00	/	/	/	/	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	23.63	/	/	/	/	23.61	25.50
		1	137	23.61	/	/	/	/	23.53	25.50
		1	271	23.58	/	/	/	/	23.54	25.50
		135	0	20.25	/	/	/	/	20.21	22.00
		135	69	23.58	/	/	/	/	23.58	25.50
		135	138	20.16	/	/	/	/	20.17	22.00
		270	0	22.58	/	/	/	/	22.59	24.50
	DFT-s-OFDM 16QAM	1	1	22.57	/	/	/	/	22.53	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	/	/	/	/	662000	
100MHz	CP-OFDM QPSK	1	1	22.19	/	/	/	/	22.27	24.00
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	23.56	23.53	23.56	23.61	23.59	23.52	25.50
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	23.60	23.61	23.55	23.54	23.58	23.52	25.50
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	23.58	23.55	23.55	23.58	23.61	23.50	25.50
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	23.59	23.52	23.59	23.52	23.59	23.61	25.50
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	23.51	23.56	23.56	23.62	23.52	23.52	25.50
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	23.63	23.53	23.63	23.62	23.56	23.51	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	23.52	23.57	23.50	23.58	23.50	23.53	25.50

Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.55	23.53	23.62	23.51	23.59	23.52	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650700	Channel 654200	Channel 657600	Channel 661000	Channel 664400	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.50	23.52	23.60	23.54	23.56	23.50	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654134	Channel 657466	Channel 660800	Channel 664134	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.59	23.56	23.56	23.59	23.57	23.55	25.50

N77 PC2 30kHz DSI 2&3&4&5				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	Tune up
				3750.00	/	/	/	/	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	9.28	/	/	/	/	9.11	11.00
		1	137	9.23	/	/	/	/	9.09	11.00
		1	271	9.03	/	/	/	/	9.07	11.00
		135	0	5.86	/	/	/	/	5.68	7.50
		135	69	9.13	/	/	/	/	9.05	11.00
		135	138	5.84	/	/	/	/	5.54	7.50
		270	0	8.20	/	/	/	/	8.12	10.00
	DFT-s-OFDM 16QAM	1	1	8.24	/	/	/	/	8.16	10.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	7.91	/	/	/	/	7.90	9.50
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	9.17	9.17	9.07	9.12	9.16	9.22	11.00
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	9.19	9.17	9.13	9.08	9.15	9.18	11.00
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	9.18	9.14	9.10	9.09	9.11	9.21	11.00
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	9.20	9.12	9.13	9.11	9.10	9.21	11.00
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	9.19	9.14	9.13	9.15	9.15	9.19	11.00
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	9.16	9.19	9.09	9.11	9.14	9.19	11.00
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654334	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	9.23	9.16	9.06	9.13	9.17	9.20	11.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up

20MHz	DFT-s-OFDM QPSK	1	1	9.22	9.14	9.08	9.09	9.10	9.20	11.00
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650700	Channel 654200	Channel 657600	Channel 661000	Channel 664400	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	9.20	9.19	9.12	9.13	9.16	9.13	11.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654134	Channel 657466	Channel 660800	Channel 664134	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	9.16	9.11	9.10	9.13	9.14	9.17	11.00

N78 PC3 30kHz Full Power&DSI 1				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	23.84	/	25.00
		1	137	/	23.72	/	25.00
		1	271	/	23.79	/	25.00
		135	0	/	22.80	/	24.00
		135	69	/	23.81	/	25.00
		135	138	/	22.81	/	24.00
		270	0	/	22.82	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.76	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.31	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.73	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.72	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	23.74	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.71	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	23.70	23.67	23.73	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	23.66	23.71	23.77	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	23.70	23.73	23.74	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM	1	1	23.69	23.70	23.75	25.00

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.68	23.68	23.76	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	23.66	23.71	23.76	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	23.71	23.71	23.73	25.00

N78 PC3 30kHz DSI 2&3&4&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	/	8.86	/	10.50
		1	137	/	8.68	/	10.50
		1	271	/	8.74	/	10.50
		135	0	/	7.77	/	9.50
		135	69	/	8.79	/	10.50
		135	138	/	7.84	/	9.50
	DFT-s-OFDM 16QAM	270	0	/	7.83	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	7.26	/	9.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	8.72	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	8.67	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	8.66	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	8.73	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	8.66	8.66	8.73	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	8.66	8.70	8.66	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	8.73	8.63	8.70	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	8.69	8.65	8.72	10.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	8.69	8.68	8.65	10.50
Bandwidth	Modulation	RB size	RB offset	Channel 630501	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	8.68	8.70	8.71	10.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	8.66	8.71	8.72	10.50

N78 PC2_30kHz Full Power&DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	25.36	/	27.00
		1	137	/	25.33	/	27.00
		1	271	/	25.16	/	27.00
		135	0	/	21.79	/	23.50
		135	69	/	25.28	/	27.00
		135	138	/	21.87	/	23.50
		270	0	/	24.39	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.26	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	23.79	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	25.31	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.33	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	25.30	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.30	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	25.25	25.24	25.28	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	25.29	25.26	25.32	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-	1	1	25.24	25.27	25.28	27.00

	OFDM QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	25.25	25.28	25.27	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	25.25	25.27	25.31	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	25.24	25.30	25.31	27.00

N78 PC2_30kHz DSI 2&3&4&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	/	10.86	/	12.50
		1	137	/	10.76	/	12.50
		1	271	/	10.68	/	12.50
		135	0	/	7.28	/	9.00
		135	69	/	10.83	/	12.50
		135	138	/	7.38	/	9.00
		270	0	/	9.83	/	11.50
	DFT-s-OFDM 16QAM	1	1	/	9.75	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	9.24	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	10.83	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	10.78	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	10.80	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	10.79	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	10.72	10.75	10.73	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	10.74	10.71	10.72	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	10.70	10.75	10.78	12.50

Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	10.75	10.71	10.76	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	10.75	10.74	10.72	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	10.72	10.75	10.72	12.50

N78 PC3_30kHz Full Power&DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	23.24	/	25.00
		1	137	/	23.09	/	25.00
		1	271	/	23.09	/	25.00
		135	0	/	22.11	/	24.00
		135	69	/	23.10	/	25.00
		135	138	/	22.06	/	24.00
		270	0	/	22.13	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.11	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.63	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	23.22	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	23.23	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	23.23	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	23.23	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	23.22	23.19	23.20	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.07	23.06	23.10	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.10	23.08	23.09	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 647501	Channel 650000	Channel 652501	Tune up

25MHz	DFT-s-OFDM QPSK	1	1	23.07	23.08	23.06	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	23.11	23.08	23.10	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	23.12	23.06	23.10	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	23.09	23.07	23.08	25.00

N78 PC3 30kHz DSI 2&3&4&5				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	8.63	/	10.50
		1	137	/	8.51	/	10.50
		1	271	/	8.51	/	10.50
		135	0	/	7.50	/	9.50
		135	69	/	8.54	/	10.50
		135	138	/	7.51	/	9.50
		270	0	/	7.54	/	9.50
	DFT-s-OFDM 16QAM	1	1	/	7.54	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	7.04	/	9.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	8.61	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	8.60	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	8.60	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	8.62	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	8.62	8.57	8.50	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	8.57	8.60	8.51	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM	1	1	8.58	8.63	8.53	10.50

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	8.55	8.63	8.51	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	8.57	8.60	8.54	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	8.57	8.60	8.50	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	8.59	8.57	8.54	10.50

N78 PC2 30kHz Full Power&DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	25.26	/	27.00
		1	137	/	25.25	/	27.00
		1	271	/	25.08	/	27.00
		135	0	/	21.69	/	23.50
		135	69	/	25.17	/	27.00
		135	138	/	21.78	/	23.50
		270	0	/	24.26	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.08	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	23.64	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	25.24	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.23	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	25.21	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.20	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	25.17	25.17	25.17	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	25.15	25.17	25.17	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	25.14	25.13	25.19	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	25.15	25.15	25.19	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	25.17	25.13	25.19	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 646666	Channel 650000	Channel 653336	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	25.14	25.14	25.20	27.00

N78 PC2 30kHz DSI 2&3&4&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	/	10.65	/	12.50
		1	137	/	10.56	/	12.50
		1	271	/	10.56	/	12.50
		135	0	/	7.03	/	9.00
		135	69	/	10.52	/	12.50
		135	138	/	7.05	/	9.00
		270	0	/	9.62	/	11.50
	DFT-s-OFDM 16QAM	1	1	/	9.53	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	9.89	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	10.62	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	10.58	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	10.63	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	10.61	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	10.61	10.63	10.63	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	10.60	10.62	10.59	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-	1	1	10.63	10.59	10.62	12.50



	OFDM QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	10.61	10.61	10.63	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	10.61	10.61	10.63	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 646666	Channel 650000	Channel 653336	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	10.62	10.61	10.58	12.50

3 Conducted Power of UL CA

3.1 Conducted Power of UL CA (Ant2)

CA_7C Full Power&DSI 2&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	24.95	25.70
21100	20902	QPSK	1	0	1	99	2	0	25.22	25.70

CA_38C Full Power&DSI 2&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	25.14	25.70
38099	37901	QPSK	50	0	1	49	2	0	24.11	24.70

CA_38C Full Power&DSI 2&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	25.14	25.70
38099	37901	QPSK	50	0	1	49	2	0	24.11	24.70

CA_7C DSI 1&5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	16.81	17.20
21100	20902	QPSK	1	0	1	99	2	0	16.83	17.20

CA_38C Full Power&DSI 2&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	20.05	20.70
38099	37901	QPSK	50	0	1	49	2	0	20	20.70

CA_38C Full Power&DSI 2&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	20.05	20.70
38099	37901	QPSK	50	0	1	49	2	0	20	20.70

CA_7C DSI 3										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	19.00	19.70
21100	20902	QPSK	1	0	1	99	2	0	19.25	19.70

CA_38C Full Power&DSI 2&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	21.12	21.70
38099	37901	QPSK	50	0	1	49	2	0	20.99	21.70

CA_38C Full Power&DSI 2&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	21.12	21.70
38099	37901	QPSK	50	0	1	49	2	0	20.99	21.70

3.2 Conducted Power of UL CA (Ant3)

CA_7C Full Power&DSI 1&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	24.8	25.70
21100	20902	QPSK	1	0	1	99	2	0	25.16	25.70

CA_38C Full Power&DSI 1&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	25.29	25.70
38099	37901	QPSK	50	0	1	49	2	0	24.03	24.70

CA_38C Full Power&DSI 1&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	25.29	25.70
38099	37901	QPSK	50	0	1	49	2	0	24.03	24.70

CA_7C DSI 2&3&5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	19.27	20.20
21100	20902	QPSK	1	0	1	99	2	0	19.54	20.20

CA_38C DSI 2&3&5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	22.23	22.70
38099	37901	QPSK	50	0	1	49	2	0	22.25	22.70

CA_38C DSI 2&3&5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	22.23	22.70
38099	37901	QPSK	50	0	1	49	2	0	22.25	22.70

3.3 Conducted Power of UL CA (Ant4)

CA_7C Full Power										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	23.66	25.00
21100	20902	QPSK	1	0	1	99	2	0	23.67	25.00

CA_38C Full Power										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	23.59	25.50
38099	37901	QPSK	50	0	1	49	2	0	22.65	24.50

CA_38C Full Power										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	23.59	25.50
38099	37901	QPSK	50	0	1	49	2	0	22.65	24.50

CA_7C DSI 1&2&3&4&5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	17.29	18.50
21100	20902	QPSK	1	0	1	99	2	0	17.31	18.50

CA_38C DSI 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	19.62	21.50
38099	37901	QPSK	50	0	1	49	2	0	19.7	21.50

CA_38C DSI 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	19.62	21.50
38099	37901	QPSK	50	0	1	49	2	0	19.7	21.50



CA_38C DSI 2&3&4&5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	19.2	21.00
38099	37901	QPSK	50	0	1	49	2	0	19.22	21.00

3.4 Conducted Power of UL CA (Ant5)

CA_7C Full Power										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	23.11	24.50
21100	20902	QPSK	1	0	1	99	2	0	23.19	24.50

CA_38C Full Power										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	23.04	24.50
38099	37901	QPSK	50	0	1	49	2	0	22.03	23.50

CA_38C Full Power										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	23.04	24.50
38099	37901	QPSK	50	0	1	49	2	0	22.03	23.50

CA_7C DSI 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	17.01	18.50
21100	20902	QPSK	1	0	1	99	2	0	17.17	18.50

CA_38C DSI 1&5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	19.67	21.00
38099	37901	QPSK	50	0	1	49	2	0	19.65	21.00

CA_38C DSI 1&5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	19.67	21.00
38099	37901	QPSK	50	0	1	49	2	0	19.65	21.00

CA_7C DSI 2&3&4&5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	16.67	18.00
21100	20902	QPSK	1	0	1	99	2	0	16.71	18.00

CA_38C DSI 2&3&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	20.36	21.50
38099	37901	QPSK	50	0	1	49	2	0	20.02	21.50

CA_38C DSI 2&3&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
38099	37901	QPSK	1	0	0	0	1	0	20.36	21.50
38099	37901	QPSK	50	0	1	49	2	0	20.02	21.50

4 Conducted Power of WIFI and Bluetooth

4.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant16 Head Standalone					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.88	17.50
	6	2437		17.17	17.50
	11	2462		16.79	17.50
802.11g	1	2412	6	15.40	16.00
	6	2437		15.48	16.00
	11	2462		14.82	16.00
802.11n HT20	1	2412	6.5	14.76	15.00
	6	2437		14.91	15.00
	11	2462		14.40	15.00
802.11n HT40	3	2422	13.5	13.51	14.00
	6	2437		13.59	14.00
	9	2452		13.56	14.00
802.11ax HE20	1	2412	MCS0	14.46	15.00
	6	2437		14.50	15.00
	11	2462		14.12	15.00
802.11ax HE40	3	2422	MCS0	12.02	12.50
	6	2437		12.25	12.50
	9	2452		12.29	12.50

WIFI 2.4G Ant16 Head Simultaneous					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	9.04	9.50
	6	2437		9.16	9.50
	11	2462		8.90	9.50
802.11g	1	2412	6	8.93	9.50
	6	2437		8.94	9.50
	11	2462		8.34	9.50
802.11n HT20	1	2412	6.5	8.76	9.00
	6	2437		8.91	9.00
	11	2462		8.42	9.00
802.11n HT40	3	2422	13.5	8.53	9.00
	6	2437		8.62	9.00
	9	2452		8.56	9.00
802.11ax HE20	1	2412	MCS0	8.93	9.50
	6	2437		9.06	9.50
	11	2462		8.64	9.50
802.11ax HE40	3	2422	MCS0	8.51	9.00
	6	2437		8.73	9.00
	9	2452		8.79	9.00

WIFI 2.4G Ant16 Body-worn&Handheld&Hotspot Standalone					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.44	19.00
	6	2437		18.50	19.00
	11	2462		18.37	19.00
802.11g	1	2412	6	15.90	16.50
	6	2437		15.95	16.50
	11	2462		15.36	16.50
802.11n HT20	1	2412	6.5	15.27	15.50
	6	2437		15.43	15.50
	11	2462		14.94	15.50
802.11n HT40	3	2422	13.5	13.53	14.00
	6	2437		13.63	14.00
	9	2452		13.56	14.00
802.11ax HE20	1	2412	MCS0	15.00	15.50
	6	2437		15.05	15.50
	11	2462		14.63	15.50
802.11ax HE40	3	2422	MCS0	11.98	12.50
	6	2437		12.25	12.50

	9	2452		12.27	12.50
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WIFI 2.4G Ant16 Body-worn&Handheld Simultaneous					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	9.56	10.00
	6	2437		9.62	10.00
	11	2462		9.40	10.00
802.11g	1	2412	6	9.40	10.00
	6	2437		9.45	10.00
	11	2462		8.83	10.00
802.11n HT20	1	2412	6.5	9.26	9.50
	6	2437		9.42	9.50
	11	2462		8.88	9.50
802.11n HT40	3	2422	13.5	9.02	9.50
	6	2437		9.11	9.50
	9	2452		9.10	9.50
802.11ax HE20	1	2412	MCS0	9.39	10.00
	6	2437		9.56	10.00
	11	2462		9.14	10.00
802.11ax HE40	3	2422	MCS0	9.01	9.50
	6	2437		9.19	9.50
	9	2452		9.30	9.50

WIFI 2.4G Ant16 Hotspot Simultaneous					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.51	16.00
	6	2437		15.63	16.00
	11	2462		15.44	16.00
802.11g	1	2412	6	14.44	15.00
	6	2437		14.52	15.00
	11	2462		13.91	15.00
802.11n HT20	1	2412	6.5	14.32	14.50
	6	2437		14.44	14.50
	11	2462		13.90	14.50
802.11n HT40	3	2422	13.5	13.56	14.00
	6	2437		13.63	14.00
	9	2452		13.62	14.00
802.11ax HE20	1	2412	MCS0	14.50	15.00
	6	2437		14.51	15.00
	11	2462		14.13	15.00
802.11ax HE40	3	2422	MCS0	12.02	12.50
	6	2437		12.26	12.50
	9	2452		12.27	12.50

WIFI 2.4G Ant8 Head Standalone					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.36	17.50
	6	2437		16.97	17.50
	11	2462		16.54	17.50
802.11g	1	2412	6	14.59	15.50
	6	2437		15.33	15.50
	11	2462		14.70	15.50
802.11n HT20	1	2412	6.5	13.99	15.00
	6	2437		14.81	15.00
	11	2462		14.15	15.00
802.11n HT40	3	2422	13.5	13.00	14.00
	6	2437		13.51	14.00
	9	2452		13.40	14.00
802.11ax HE20	1	2412	MCS0	13.86	14.50
	6	2437		14.29	14.50
	11	2462		13.78	14.50
802.11ax HE40	3	2422	MCS0	11.62	12.50
	6	2437		12.06	12.50
	9	2452		11.96	12.50

WIFI 2.4G Ant8 Head Simultaneous					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	8.45	9.50
	6	2437		9.07	9.50
	11	2462		8.78	9.50
802.11g	1	2412	6	8.07	9.00
	6	2437		8.83	9.00
	11	2462		8.17	9.00
802.11n HT20	1	2412	6.5	7.98	9.00
	6	2437		8.82	9.00
	11	2462		8.18	9.00
802.11n HT40	3	2422	13.5	8.05	9.00
	6	2437		8.45	9.00
	9	2452		8.41	9.00
802.11ax HE20	1	2412	MCS0	8.39	9.00
	6	2437		8.84	9.00
	11	2462		8.28	9.00
802.11ax HE40	3	2422	MCS0	8.13	9.00
	6	2437		8.60	9.00
	9	2452		8.49	9.00

WIFI 2.4G Ant8 Body-worn&Handheld&Hotspot Standalone					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.83	19.00
	6	2437		18.52	19.00
	11	2462		18.16	19.00
802.11g	1	2412	6	15.06	16.00
	6	2437		15.88	16.00
	11	2462		15.16	16.00
802.11n HT20	1	2412	6.5	14.50	15.50
	6	2437		15.30	15.50
	11	2462		14.67	15.50
802.11n HT40	3	2422	13.5	13.02	14.00
	6	2437		13.48	14.00
	9	2452		13.42	14.00
802.11ax HE20	1	2412	MCS0	14.38	15.00
	6	2437		14.81	15.00
	11	2462		14.25	15.00
802.11ax HE40	3	2422	MCS0	11.64	12.50
	6	2437		12.03	12.50
	9	2452		12.00	12.50

WIFI 2.4G Ant8 Body-worn&Handheld Simultaneous					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	8.95	10.00
	6	2437		9.54	10.00
	11	2462		9.28	10.00
802.11g	1	2412	6	8.59	9.50
	6	2437		9.37	9.50
	11	2462		8.65	9.50
802.11n HT20	1	2412	6.5	8.47	9.50
	6	2437		9.32	9.50
	11	2462		8.68	9.50
802.11n HT40	3	2422	13.5	8.52	9.50
	6	2437		8.97	9.50
	9	2452		8.87	9.50
802.11ax HE20	1	2412	MCS0	8.93	9.50
	6	2437		9.34	9.50
	11	2462		8.77	9.50
802.11ax HE40	3	2422	MCS0	8.65	9.50
	6	2437		9.06	9.50
	9	2452		8.94	9.50

WIFI 2.4G Ant8 Hotspot Simultaneous					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.01	16.00
	6	2437		15.56	16.00
	11	2462		15.25	16.00
802.11g	1	2412	6	13.51	14.50
	6	2437		14.33	14.50
	11	2462		13.69	14.50
802.11n HT20	1	2412	6.5	13.46	14.50
	6	2437		14.26	14.50
	11	2462		13.62	14.50
802.11n HT40	3	2422	13.5	13.06	14.00
	6	2437		13.53	14.00
	9	2452		13.47	14.00
802.11ax HE20	1	2412	MCS0	13.85	14.50
	6	2437		14.34	14.50
	11	2462		13.83	14.50
802.11ax HE40	3	2422	MCS0	11.62	12.50
	6	2437		12.11	12.50
	9	2452		11.98	12.50

WIFI 2.4G MIMO Head Standalone					
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	18.02	19.00
	6	2437		18.42	19.00
	11	2462		17.77	19.00
802.11n HT20	1	2412	6.5	17.40	18.00
	6	2437		17.87	18.00
	11	2462		17.29	18.00
802.11n HT40	3	2422	13.5	16.27	17.00
	6	2437		16.56	17.00
	9	2452		16.49	17.00
802.11ax HE20	1	2412	MCS0	17.18	18.00
	6	2437		17.41	18.00
	11	2462		16.96	18.00
802.11ax HE40	3	2422	MCS0	14.83	15.50
	6	2437		15.17	15.50
	9	2452		15.14	15.50

WIFI 2.4G MIMO Head 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	11.53	12.50
	6	2437		11.90	12.50
	11	2462		11.27	12.50
802.11n HT20	1	2412	6.5	11.40	12.00
	6	2437		11.88	12.00
	11	2462		11.31	12.00
802.11n HT40	3	2422	13.5	11.31	12.00
	6	2437		11.55	12.00
	9	2452		11.50	12.00
802.11ax HE20	1	2412	MCS0	11.68	12.50
	6	2437		11.96	12.50
	11	2462		11.47	12.50
802.11ax HE40	3	2422	MCS0	11.33	12.00
	6	2437		11.68	12.00
	9	2452		11.65	12.00

WIFI 2.4G MIMO Body-worn&Handheld&Hotspot Standalone					
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	18.51	19.50
	6	2437		18.93	19.50
	11	2462		18.27	19.50
802.11n HT20	1	2412	6.5	17.91	18.50
	6	2437		18.38	18.50
	11	2462		17.82	18.50
802.11n HT40	3	2422	13.5	16.29	17.00
	6	2437		16.57	17.00
	9	2452		16.50	17.00
802.11ax HE20	1	2412	MCS0	17.71	18.50
	6	2437		17.94	18.50
	11	2462		17.45	18.50
802.11ax HE40	3	2422	MCS0	14.82	15.50
	6	2437		15.15	15.50
	9	2452		15.15	15.50

WIFI 2.4G MIMO Body-worn&Handheld 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	12.02	13.00
	6	2437		12.42	13.00
	11	2462		11.75	13.00
802.11n HT20	1	2412	6.5	11.89	12.50
	6	2437		12.38	12.50
	11	2462		11.79	12.50
802.11n HT40	3	2422	13.5	11.79	12.50
	6	2437		12.05	12.50
	9	2452		12.00	12.50
802.11ax HE20	1	2412	MCS0	12.18	13.00
	6	2437		12.46	13.00
	11	2462		11.97	13.00
802.11ax HE40	3	2422	MCS0	11.84	12.50
	6	2437		12.14	12.50
	9	2452		12.13	12.50

WIFI 2.4G MIMO Hotspot 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	17.01	18.00
	6	2437		17.44	18.00
	11	2462		16.81	18.00
802.11n HT20	1	2412	6.5	16.92	17.50
	6	2437		17.36	17.50
	11	2462		16.77	17.50
802.11n HT40	3	2422	13.5	16.33	17.00
	6	2437		16.59	17.00
	9	2452		16.56	17.00
802.11ax HE20	1	2412	MCS0	17.20	18.00
	6	2437		17.44	18.00
	11	2462		16.99	18.00
802.11ax HE40	3	2422	MCS0	14.83	15.50
	6	2437		15.20	15.50
	9	2452		15.14	15.50

4.2 Conducted Power of 5G WIFI

WIFI 5G Ant 17 Head Standalone						
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz U-NII-1	802.11a	36	5180	14.09	14.50	
		40	5200	13.97	14.50	
		44	5220	14.34	14.50	
		48	5240	14.41	14.50	
	802.11n HT20	36	5180	13.02	13.50	
		40	5200	12.82	13.50	
		44	5220	13.35	13.50	
		48	5240	13.31	13.50	
	802.11n HT40	38	5190	12.32	12.50	
		46	5230	12.47	12.50	
	802.11ac VHT20	36	5180	13.04	13.50	
		40	5200	12.85	13.50	
		44	5220	13.33	13.50	
		48	5240	13.26	13.50	
	802.11ac VHT40	38	5190	12.20	12.50	
		46	5230	12.44	12.50	
	802.11ac VHT80	42	5210	10.66	11.00	
		802.11ax HE20	36	5180	13.02	13.50
	40		5200	12.87	13.50	
	44		5220	13.46	13.50	
	48		5240	13.43	13.50	
	802.11ax HE40	38	5190	13.40	14.00	
		46	5230	13.57	14.00	
	802.11ax HE80	42	5210	12.52	13.00	
		5GHz		Channel	Frequency(MHz)	Average Power (dBm)
	5GHz U-NII-2A	802.11a	52	5260	14.79	15.00
56			5280	14.68	15.00	
60			5300	14.22	15.00	
64			5320	14.27	15.00	
802.11n HT20		52	5260	13.79	14.00	
		56	5280	13.80	14.00	
		60	5300	13.15	14.00	
		64	5320	13.14	14.00	
802.11n HT40		54	5270	12.79	13.00	
		62	5310	12.33	13.00	
802.11ac VHT20		52	5260	13.72	14.00	
		56	5280	13.73	14.00	
		60	5300	13.18	14.00	
		64	5320	13.04	14.00	
802.11ac VHT40		54	5270	12.78	13.00	
		62	5310	12.30	13.00	
802.11ac VHT80		58	5290	10.84	11.00	
		802.11ac VHT160	50	5250	9.61	10.00
802.11ax HE20			52	5260	13.75	14.00
		56	5280	13.89	14.00	
		60	5300	13.25	14.00	
		64	5320	13.23	14.00	
802.11ax HE40		54	5270	13.84	14.00	
		62	5310	13.41	14.00	
802.11ax HE80		58	5290	12.69	13.00	
		802.11ax HE160	50	5250	9.82	10.00
5GHz			Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C		802.11a	100	5500	12.91	13.50
			104	5520	12.71	13.50
			108	5540	12.66	13.50
	112		5560	12.57	13.50	
	116		5580	12.90	13.50	

		120	5600	12.90	13.50
		124	5620	13.19	13.50
		128	5640	13.20	13.50
		132	5660	13.30	13.50
		136	5680	13.33	13.50
		140	5700	13.25	13.50
		144	5720	13.00	13.50
	802.11n HT20	100	5500	11.75	12.50
		104	5520	11.70	12.50
		108	5540	11.63	12.50
		112	5560	11.60	12.50
		116	5580	11.91	12.50
		120	5600	11.84	12.50
		124	5620	12.10	12.50
		128	5640	12.12	12.50
		132	5660	12.22	12.50
		136	5680	12.13	12.50
		140	5700	12.07	12.50
		144	5720	12.21	12.50
	802.11n HT40	102	5510	10.75	11.50
		110	5550	10.69	11.50
		118	5590	11.02	11.50
		126	5630	10.99	11.50
		134	5670	11.31	11.50
		142	5710	11.38	11.50
	802.11ac VHT20	100	5500	11.68	12.50
		104	5520	11.60	12.50
		108	5540	11.61	12.50
		112	5560	11.54	12.50
		116	5580	11.87	12.50
		120	5600	11.90	12.50
		124	5620	12.10	12.50
		128	5640	12.15	12.50
		132	5660	12.23	12.50
		136	5680	12.16	12.50
		140	5700	12.19	12.50
		144	5720	12.11	12.50
	802.11ac VHT40	102	5510	10.85	11.50
		110	5550	10.59	11.50
		118	5590	11.07	11.50
		126	5630	11.00	11.50
		134	5670	11.17	11.50
		142	5710	11.25	11.50
	802.11ac VHT80	106	5530	11.20	12.50
		122	5610	11.67	12.50
		138	5690	12.12	12.50
	802.11ac VHT160	114	5570	10.81	11.00
	802.11ax HE20	100	5500	11.78	12.50
		104	5520	11.76	12.50
		108	5540	11.70	12.50
		112	5560	11.61	12.50
		116	5580	12.01	12.50
		120	5600	11.89	12.50
		124	5620	12.22	12.50
		128	5640	12.24	12.50
		132	5660	12.46	12.50
		136	5680	12.33	12.50
		140	5700	12.17	12.50
		144	5720	12.18	12.50
	802.11ax HE40	102	5510	11.99	12.50
		110	5550	11.67	12.50
		118	5590	12.22	12.50
		126	5630	12.12	12.50
		134	5670	12.35	12.50
		142	5710	12.40	12.50
	802.11ax HE80	106	5530	8.48	9.50
		122	5610	8.77	9.50
		138	5690	9.16	9.50
	802.11ax	114	5570	8.06	8.50

	HE160				
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	13.64	14.00
		153	5765	13.65	14.00
		157	5785	13.47	14.00
		161	5805	13.62	14.00
		165	5825	13.79	14.00
	802.11n HT20	149	5745	12.61	13.00
		153	5765	12.70	13.00
		157	5785	12.50	13.00
		161	5805	12.90	13.00
		165	5825	12.74	13.00
	802.11n HT40	151	5755	11.70	12.00
		159	5795	11.52	12.00
	802.11ac VHT20	149	5745	12.57	13.00
		153	5765	12.63	13.00
		157	5785	12.43	13.00
		161	5805	12.95	13.00
		165	5825	12.88	13.00
	802.11ac VHT40	151	5755	11.77	12.00
		159	5795	11.54	12.00
	802.11ac VHT80	155	5775	10.27	10.50
	802.11ax HE20	149	5745	12.90	13.00
		153	5765	12.66	13.00
		157	5785	12.45	13.00
		161	5805	12.88	13.00
		165	5825	12.84	13.00
	802.11ax HE40	151	5755	12.75	13.00
		159	5795	12.69	13.00
	802.11ax HE80	155	5775	12.53	13.00

WIFI 5G Ant 17 Head Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	7.59	8.00
		40	5200	7.42	8.00
		44	5220	7.82	8.00
		48	5240	7.93	8.00
	802.11n HT20	36	5180	7.55	8.00
		40	5200	7.36	8.00
		44	5220	7.83	8.00
		48	5240	7.76	8.00
	802.11n HT40	38	5190	7.80	8.00
		46	5230	7.93	8.00
	802.11ac VHT20	36	5180	7.54	8.00
		40	5200	7.33	8.00
		44	5220	7.84	8.00
		48	5240	7.72	8.00
	802.11ac VHT40	38	5190	7.65	8.00
		46	5230	7.91	8.00
	802.11ac VHT80	42	5210	7.15	7.50
	802.11ax HE20	36	5180	7.47	8.00
		40	5200	7.37	8.00
		44	5220	7.91	8.00
		48	5240	7.93	8.00
	802.11ax HE40	38	5190	7.93	8.50
		46	5230	8.07	8.50
	802.11ax HE80	42	5210	7.51	8.00
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)
5GHz U-NII-2A	802.11a	52	5260	8.31	8.50
		56	5280	8.20	8.50
		60	5300	7.72	8.50
		64	5320	7.81	8.50
	802.11n	52	5260	8.26	8.50

	HT20	56	5280	8.32	8.50
		60	5300	7.65	8.50
		64	5320	7.67	8.50
	802.11n HT40	54	5270	8.28	8.50
		62	5310	7.83	8.50
	802.11ac VHT20	52	5260	8.18	8.50
		56	5280	8.25	8.50
		60	5300	7.65	8.50
	802.11ac VHT40	64	5320	7.51	8.50
		54	5270	8.30	8.50
		62	5310	7.81	8.50
	802.11ac VHT80	58	5290	7.38	7.50
	802.11ac VHT160	50	5250	7.14	7.50
	802.11ax HE20	52	5260	8.29	8.50
		56	5280	8.39	8.50
		60	5300	7.72	8.50
	802.11ax HE40	64	5320	7.74	8.50
		54	5270	8.36	8.50
		62	5310	7.93	8.50
	802.11ax HE80	58	5290	7.67	8.00
	802.11ax HE160	50	5250	7.33	7.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	6.44	7.00
		104	5520	6.16	7.00
		108	5540	6.14	7.00
		112	5560	6.11	7.00
		116	5580	6.44	7.00
		120	5600	6.44	7.00
		124	5620	6.65	7.00
		128	5640	6.68	7.00
		132	5660	6.78	7.00
		136	5680	6.83	7.00
		140	5700	6.77	7.00
		144	5720	6.51	7.00
	802.11n HT20	100	5500	6.20	7.00
		104	5520	6.19	7.00
		108	5540	6.16	7.00
		112	5560	6.07	7.00
		116	5580	6.44	7.00
		120	5600	6.37	7.00
		124	5620	6.57	7.00
		128	5640	6.63	7.00
		132	5660	6.69	7.00
		136	5680	6.65	7.00
		140	5700	6.54	7.00
		144	5720	6.68	7.00
	802.11n HT40	102	5510	6.27	7.00
		110	5550	6.22	7.00
		118	5590	6.52	7.00
		126	5630	6.46	7.00
		134	5670	6.83	7.00
		142	5710	6.88	7.00
	802.11ac VHT20	100	5500	6.21	7.00
		104	5520	6.08	7.00
		108	5540	6.12	7.00
		112	5560	6.03	7.00
		116	5580	6.37	7.00
		120	5600	6.38	7.00
		124	5620	6.58	7.00
		128	5640	6.60	7.00
		132	5660	6.71	7.00
		136	5680	6.67	7.00
	802.11ac	140	5700	6.68	7.00
		144	5720	6.63	7.00
	802.11ac	102	5510	6.38	7.00

	VHT40	110	5550	6.07	7.00
		118	5590	6.53	7.00
		126	5630	6.50	7.00
		134	5670	6.67	7.00
		142	5710	6.73	7.00
	802.11ac VHT80	106	5530	5.72	7.00
		122	5610	6.14	7.00
		138	5690	6.63	7.00
	802.11ac VHT160	114	5570	5.33	5.50
	802.11ax HE20	100	5500	6.31	7.00
		104	5520	6.29	7.00
		108	5540	6.17	7.00
		112	5560	6.08	7.00
		116	5580	6.49	7.00
		120	5600	6.35	7.00
		124	5620	6.69	7.00
		128	5640	6.72	7.00
		132	5660	6.99	7.00
		136	5680	6.79	7.00
		140	5700	6.62	7.00
		144	5720	6.65	7.00
	802.11ax HE40	102	5510	6.50	7.00
		110	5550	6.18	7.00
		118	5590	6.70	7.00
		126	5630	6.58	7.00
		134	5670	6.84	7.00
	802.11ax HE80	142	5710	6.92	7.00
		106	5530	5.98	7.00
		122	5610	6.25	7.00
	802.11ax HE160	138	5690	6.66	7.00
		114	5570	5.58	6.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	7.15	7.50
		153	5765	7.14	7.50
		157	5785	6.98	7.50
		161	5805	7.13	7.50
		165	5825	7.32	7.50
	802.11n HT20	149	5745	7.06	7.50
		153	5765	7.20	7.50
		157	5785	6.98	7.50
		161	5805	7.41	7.50
		165	5825	7.21	7.50
	802.11n HT40	151	5755	7.20	7.50
		159	5795	6.99	7.50
	802.11ac VHT20	149	5745	7.03	7.50
		153	5765	7.10	7.50
		157	5785	6.94	7.50
		161	5805	7.48	7.50
		165	5825	7.36	7.50
	802.11ac VHT40	151	5755	7.29	7.50
		159	5795	7.07	7.50
	802.11ac VHT80	155	5775	6.74	7.00
	802.11ax HE20	149	5745	7.39	7.50
		153	5765	7.16	7.50
		157	5785	6.93	7.50
		161	5805	7.41	7.50
		165	5825	7.36	7.50
	802.11ax HE40	151	5755	7.22	7.50
		159	5795	7.14	7.50
	802.11ax HE80	155	5775	7.03	7.50

WIFI 5G Ant 17 Body-worn&Handheld Standalone					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	15.60	16.00