

	DFT-s-OFDM 64QAM	1	1	/	13.08	/	14.20
	DFT-s-OFDM 256QAM	1	1	/	12.02	/	12.20
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	12.99	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	15.93	15.78	15.67	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	15.72	15.74	15.69	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	15.77	15.71	15.86	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.84	15.76	15.79	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.76	15.85	15.72	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.79	15.85	15.81	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.91	15.77	15.81	16.70

N77 Sensor on&Hotspot on					Conducted Power(dBm)		
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM	1	1	15.67	15.72	15.58	16.70

	PI/2 BPSK	1	137	15.72	15.76	15.63	16.70
		1	271	15.80	15.79	15.72	16.70
		135	0	14.62	14.65	14.61	15.70
		135	69	15.63	15.67	15.67	16.70
		135	138	14.86	14.95	14.94	15.70
	DFT-s-OFDM QPSK	270	0	14.75	14.79	14.77	15.70
		1	1	15.74	15.87	15.85	16.70
		1	137	15.78	15.81	15.63	16.70
		1	271	15.86	15.77	15.79	16.70
		135	0	14.67	14.73	14.71	15.70
		135	69	15.64	15.70	15.70	16.70
		135	138	14.97	14.97	14.99	15.70
		270	0	14.77	14.79	14.84	15.70
	DFT-s-OFDM 16QAM	1	1	14.20	14.17	14.26	15.70
	DFT-s-OFDM 64QAM	1	1	12.99	12.99	13.00	14.20
	DFT-s-OFDM 256QAM	1	1	11.93	11.92	12.01	12.20
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 654800	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	15.53	15.57	15.56	14.20
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	15.48	15.47	15.53	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	15.60	15.62	15.52	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	15.49	15.59	15.58	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.55	15.48	15.59	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.60	15.57	15.49	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up

40MHz	DFT-s-OFDM QPSK	1	1	15.59	15.63	15.57	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.54	15.49	15.49	16.70

N77 Sensor off				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.60	/	21.70	
		1	137	/	20.88	/	21.70	
		1	271	/	20.56	/	21.70	
		135	0	/	19.68	/	20.70	
		135	69	/	20.70	/	21.70	
		135	138	/	20.01	/	20.70	
	DFT-s-OFDM QPSK	270	0	/	19.82	/	20.70	
		1	1	/	20.94	/	21.70	
		1	137	/	20.73	/	21.70	
		1	271		20.58	/	21.70	
		135	0	/	19.76	/	20.70	
		135	69	/	20.78	/	21.70	
	DFT-s-OFDM 16QAM	135	138	/	20.00	/	20.70	
		270	0	/	19.84	/	20.70	
		DFT-s-OFDM 64QAM	1	1	/	19.26	/	20.70
		DFT-s-OFDM 256QAM	1	1	/	18.11	/	19.20
		DFT-s-OFDM 256QAM	1	1	/	16.99	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	CP-OFDM QPSK	1	1	/	18.04	/	19.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	20.90	20.82	20.66	21.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	20.73	20.72	20.69	21.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634334		

70MHz	DFT-s-OFDM QPSK	1	1	20.79	20.71	20.86	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.84	20.76	20.75	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	20.80	20.81	20.73	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.75	20.81	20.83	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.89	20.78	20.82	21.70

N77 Sensor off					Conducted Power(dBm)		
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.68	20.70	20.56	21.70
		1	137	20.71	20.74	20.64	21.70
		1	271	20.81	20.83	20.69	21.70
		135	0	19.65	19.64	19.61	20.70
		135	69	20.63	20.69	20.69	21.70
		135	138	19.87	19.93	19.92	20.70
		270	0	19.74	19.79	19.76	20.70
	DFT-s-OFDM QPSK	1	1	20.85	20.90	20.81	21.70
		1	137	20.73	20.76	20.67	21.70
		1	271	20.76	20.72	20.69	21.70
		135	0	19.67	19.73	19.69	20.70
		135	69	20.69	20.69	20.74	21.70
		135	138	19.92	19.97	20.00	20.70
		270	0	19.80	19.81	19.84	20.70
	DFT-s-OFDM 16QAM	1	1	19.21	19.18	19.25	20.70
	DFT-s-OFDM 64QAM	1	1	18.02	18.02	18.03	19.20
	DFT-s-OFDM 256QAM	1	1	16.94	16.92	16.99	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				650000	654800	662000	
100MHz	CP-OFDM QPSK	1	1	20.52	20.55	20.54	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	20.51	20.49	20.52	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	20.59	20.58	20.54	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	20.49	20.59	20.56	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.55	20.49	20.59	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	20.57	20.60	20.44	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.58	20.59	20.55	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.52	20.48	20.49	21.70

N78 CLASS 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	27.04	/	27.50
		1	137	/	26.89	/	27.50
		1	271	/	26.79	/	27.50
		135	0	/	25.47	/	26.50
		135	69	/	26.78	/	27.50
		135	138	/	25.48	/	26.50
		270	0	/	25.47	/	26.50
	DFT-s-OFDM QPSK	1	1	/	27.00	/	27.50
		1	137	/	26.88	/	27.50
		1	271	/	26.79	/	27.50

		135	0	/	25.46	/	26.50
		135	69	/	26.98	/	27.50
		135	138	/	25.47	/	26.50
		270	0	/	25.49	/	26.50
	DFT-s-OFDM 16QAM	1	1	/	25.20	/	26.50
	DFT-s-OFDM 64QAM	1	1	/	23.38	/	25.00
	DFT-s-OFDM 256QAM	1	1	/	22.63	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		23.42		25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	26.54	26.58	26.51	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	26.60	26.54	26.62	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	26.65	26.63	26.63	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	26.70	26.66	26.60	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	26.62	26.60	26.65	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	26.64	26.54	26.58	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	26.65	26.59	26.58	27.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	26.52	26.54	26.63	27.50

N78 CLASS 2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	27.06	/	27.50
		1	137	/	26.94	/	27.50
		1	271	/	26.83	/	27.50
		135	0	/	25.43	/	26.50
		135	69	/	26.79	/	27.50
		135	138	/	25.45	/	26.50
		270	0	/	25.51	/	26.50
	DFT-s-OFDM QPSK	1	1	/	26.97	/	27.50
		1	137	/	26.92	/	27.50
		1	271	/	26.80	/	27.50
		135	0	/	25.42	/	26.50
		135	69	/	26.95	/	27.50
		135	138	/	25.45	/	26.50
	DFT-s-OFDM 16QAM	1	1	/	25.18	/	26.50
		DFT-s-OFDM 64QAM	1	1	/	23.35	/
	DFT-s-OFDM 256QAM		1	1	/	22.58	/
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	23.31	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	26.58	26.52	26.56	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	26.63	26.54	26.58	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	26.62	26.56	26.66	27.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	26.61	26.67	26.61	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	26.67	26.60	26.68	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	26.57	26.56	26.53	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	26.62	26.50	26.60	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	26.61	26.65	26.65	27.50

N78 CLASS 2 Sensor on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.94	/	16.50
		1	137	/	15.82	/	16.50
		1	271	/	15.71	/	16.50
		135	0	/	14.37	/	15.50
		135	69	/	15.72	/	16.50
		135	138	/	14.39	/	15.50
		270	0	/	14.40	/	15.50
	DFT-s-OFDM QPSK	1	1	/	16.12	/	16.50
		1	137	/	15.82	/	16.50
		1	271	/	15.79	/	16.50
		135	0	/	14.38	/	15.50
		135	69	/	16.10	/	16.50
		135	138	/	14.39	/	15.50
		270	0	/	14.39	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.10	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.31	/	14.00

	DFT-s-OFDM 256QAM	1	1	/	11.54	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		12.34		14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.47	15.48	15.43	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.54	15.48	15.54	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	15.60	15.56	15.58	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.62	15.61	15.55	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.57	15.53	15.56	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.58	15.49	15.52	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	15.60	15.51	15.49	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.47	15.46	15.57	16.50

N78 CLASS 2 Sensor on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.00	/	16.50
		1	137	/	15.85	/	16.50
		1	271	/	15.78	/	16.50
		135	0	/	14.34	/	15.50
		135	69	/	15.72	/	16.50
		135	138	/	14.36	/	15.50
		270	0	/	14.45	/	15.50
	DFT-s-OFDM QPSK	1	1	/	15.87	/	16.50
		1	137	/	15.85	/	16.50
		1	271	/	15.73	/	16.50
		135	0	/	14.34	/	15.50
		135	69	/	15.87	/	16.50
		135	138	/	14.35	/	15.50
		270	0	/	14.40	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.08	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.27	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	11.49	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	12.24	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.49	15.42	15.50	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	15.53	15.48	15.49	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	15.52	15.46	15.59	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	15.52	15.58	15.53	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	

50MHz	DFT-s-OFDM QPSK	1	1	15.60	15.54	15.62	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.48	15.48	15.45	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.57	15.41	15.51	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.53	15.57	15.55	16.50

N78 CLASS 2 Sensor off				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.97	/	22.50
		1	137	/	21.79	/	22.50
		1	271	/	21.72	/	22.50
		135	0	/	20.39	/	21.50
		135	69	/	21.72	/	22.50
		135	138	/	20.40	/	21.50
		270	0	/	20.39	/	21.50
	DFT-s-OFDM QPSK	1	1	/	21.90	/	22.50
		1	137	/	21.80	/	22.50
		1	271	/	21.73	/	22.50
		135	0	/	20.37	/	21.50
		135	69	/	21.93	/	22.50
		135	138	/	20.38	/	21.50
		270	0	/	20.44	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.14	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	18.33	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	17.53	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		18.37		20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

90MHz	DFT-s-OFDM QPSK	1	1	21.46	21.52	21.45	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.55	21.49	21.56	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	21.55	21.55	21.54	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.60	21.59	21.53	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.55	21.55	21.59	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.57	21.46	21.52	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.60	21.52	21.53	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.42	21.45	21.53	22.50

N78 CLASS 2 Sensor off				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.96	/	22.50
		1	137	/	21.89	/	22.50
		1	271	/	21.77	/	22.50
		135	0	/	20.36	/	21.50
		135	69	/	21.73	/	22.50
		135	138	/	20.35	/	21.50
	270	0	/	20.45	/	21.50	
	DFT-s-OFDM	1	1	/	21.89	/	22.50

	QPSK	1	137	/	21.86	/	22.50
		1	271	/	21.74	/	22.50
		135	0	/	20.33	/	21.50
		135	69	/	21.88	/	22.50
		135	138	/	20.39	/	21.50
		270	0	/	20.38	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.13	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	18.30	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	17.52	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.22	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	21.53	21.46	21.47	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	21.58	21.47	21.49	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	21.55	21.51	21.61	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	21.54	21.57	21.52	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	21.57	21.52	21.58	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	21.49	21.49	21.45	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	

30MHz	DFT-s-OFDM QPSK	1	1	21.53	21.44	21.50	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.55	21.58	21.57	22.50

N78 CLASS 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.01	/	25.50
		1	137	/	24.99	/	25.50
		1	271	/	24.80	/	25.50
		135	0	/	23.47	/	24.50
		135	69	/	24.71	/	25.50
		135	138	/	23.52	/	24.50
		270	0	/	23.49	/	24.50
	DFT-s-OFDM QPSK	1	1	/	25.03	/	25.50
		1	137	/	24.96	/	25.50
		1	271	/	24.79	/	25.50
		135	0	/	23.47	/	24.50
		135	69	/	24.94	/	25.50
		135	138	/	23.45	/	24.50
		270	0	/	23.48	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	23.19	/	24.50
	DFT-s-OFDM 64QAM	1	1	/	21.30	/	23.00
	DFT-s-OFDM 256QAM	1	1	/	20.57	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		21.34		23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	24.45	24.53	24.52	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	24.65	24.56	24.63	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	

70MHz	DFT-s-OFDM QPSK	1	1	24.74	24.59	24.67	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.74	24.74	24.65	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.53	24.61	24.66	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.56	24.45	24.52	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.75	24.50	24.67	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.60	24.63	24.56	25.50

N78 CLASS 3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.07	/	25.50
		1	137	/	24.97	/	25.50
		1	271	/	24.90	/	25.50
		135	0	/	23.36	/	24.50
		135	69	/	24.83	/	25.50
		135	138	/	23.55	/	24.50
		270	0	/	23.44	/	24.50
	DFT-s-OFDM QPSK	1	1	/	25.06	/	25.50
		1	137	/	24.92	/	25.50
		1	271	/	24.72	/	25.50
		135	0	/	23.38	/	24.50
		135	69	/	24.95	/	25.50
		135	138	/	23.39	/	24.50
		270	0	/	23.51	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	23.20	/	24.50

	DFT-s-OFDM 64QAM	1	1	/	21.25	/	23.00
	DFT-s-OFDM 256QAM	1	1	/	20.62	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.34	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.67	24.62	24.64	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.71	24.44	24.54	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.61	24.58	24.75	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.67	24.57	24.54	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.76	24.68	24.58	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.48	24.58	24.49	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.61	24.44	24.56	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.60	24.73	24.65	25.50

13 Conducted Power of NR NSA Antenna

13.1 Conducted Power of NR NSA Antenna (Ant0)

NR N7 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.48	22.44	22.26	23.00
		1	108	22.49	22.47	22.24	23.00
		1	214	22.48	22.43	22.24	23.00
		108	0	21.46	21.44	21.28	22.00
		108	54	22.47	22.43	22.29	23.00
		108	108	21.47	21.43	21.26	22.00
		216	0	21.47	21.48	21.29	22.00
	DFT-s-OFDM QPSK	1	1	22.53	22.54	22.34	23.00
		1	108	22.45	22.45	22.26	23.00
		1	214	22.45	22.43	22.26	23.00
		108	0	21.49	21.47	21.28	22.00
		108	54	22.43	22.48	22.26	23.00
		108	108	21.44	21.47	21.24	22.00
		216	0	21.46	21.46	21.28	22.00
	DFT-s-OFDM 16QAM	1	1	21.38	21.41	21.25	22.00
	DFT-s-OFDM 64QAM	1	1	19.99	20.02	19.94	20.50
	DFT-s-OFDM 256QAM	1	1	17.87	17.90	17.82	18.50

NR N7 Sensor on&Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.00	21.00	20.80	21.50
		1	108	20.96	21.02	20.81	21.50
		1	214	21.00	21.03	20.82	21.50
		108	0	19.99	19.99	19.79	20.50

		108	54	20.99	20.98	20.80	21.50
		108	108	19.95	19.98	19.80	20.50
		216	0	19.95	20.00	19.81	20.50
	DFT-s-OFDM QPSK	1	1	21.05	21.08	20.87	21.50
		1	108	20.99	21.03	20.82	21.50
		1	214	21.00	21.03	20.77	21.50
		108	0	19.99	20.00	19.79	20.50
		108	54	20.98	21.00	20.79	21.50
		108	108	20.00	20.01	19.80	20.50
		216	0	19.99	19.98	19.79	20.50
	DFT-s-OFDM 16QAM	1	1	19.79	19.87	19.72	20.50
	DFT-s-OFDM 64QAM	1	1	18.55	18.42	18.49	19.00
	DFT-s-OFDM 256QAM	1	1	16.43	16.36	16.35	17.00

13.2 Conducted Power of NR NSA Antenna (Ant2)

NR N7 Sensor off&Hotspot off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.98	20.73	20.85	21.50
		1	108	20.98	20.76	20.81	21.50
		1	214	20.93	20.74	20.84	21.50
		108	0	19.94	19.73	19.86	20.50
		108	54	20.98	20.76	20.82	21.50
		108	108	19.98	19.77	19.81	20.50
		216	0	19.98	19.73	19.84	20.50
	DFT-s-OFDM QPSK	1	1	21.00	21.03	20.91	21.50
		1	108	20.95	20.74	20.82	21.50
		1	214	20.95	20.72	20.81	21.50
		108	0	19.98	19.77	19.82	20.50
		108	54	20.88	20.93	20.84	21.50
		108	108	19.98	19.77	19.83	20.50
		216	0	19.96	19.75	19.82	20.50

	DFT-s-OFDM 16QAM	1	1	19.82	19.65	19.69	20.50
	DFT-s-OFDM 64QAM	1	1	18.58	18.53	18.44	19.00
	DFT-s-OFDM 256QAM	1	1	16.51	16.54	16.40	17.00

NR N7 Sensor on&Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.36	19.24	19.43	20.00
		1	108	19.39	19.21	19.39	20.00
		1	214	19.36	19.22	19.40	20.00
		108	0	18.41	18.22	18.43	19.00
		108	54	19.39	19.23	19.41	20.00
		108	108	18.38	18.23	18.40	19.00
		216	0	18.40	18.24	18.41	19.00
	DFT-s-OFDM QPSK	1	1	19.46	19.49	19.42	20.00
		1	108	19.40	19.24	19.43	20.00
		1	214	19.40	19.25	19.43	20.00
		108	0	18.40	18.21	18.42	19.00
		108	54	19.39	19.24	19.40	20.00
		108	108	18.41	18.25	18.40	19.00
		216	0	18.40	18.21	18.39	19.00
	DFT-s-OFDM 16QAM	1	1	18.42	18.05	18.14	19.00
	DFT-s-OFDM 64QAM	1	1	17.00	17.01	16.98	17.50
	DFT-s-OFDM 256QAM	1	1	15.06	15.06	14.93	15.50

13.3 Conducted Power of NR NSA Antenna (Ant3)

NR N7 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	13.35	13.63	13.44	14.00
		1	108	13.33	13.63	13.43	14.00
		1	214	13.37	13.67	13.44	14.00
		108	0	12.35	12.65	12.45	13.00
		108	54	13.37	13.65	13.47	14.00
		108	108	12.35	12.64	12.48	13.00
		216	0	12.37	12.64	12.44	13.00
	DFT-s-OFDM QPSK	1	1	13.43	13.85	13.53	14.00
		1	108	13.38	13.63	13.47	14.00
		1	214	13.33	13.67	13.48	14.00
		108	0	12.33	12.62	12.46	13.00
		108	54	13.34	13.82	13.47	14.00
		108	108	12.38	12.64	12.46	13.00
		216	0	12.33	12.62	12.44	13.00
	DFT-s-OFDM 16QAM	1	1	12.40	12.66	12.38	13.00
	DFT-s-OFDM 64QAM	1	1	11.16	11.28	11.27	11.50
	DFT-s-OFDM 256QAM	1	1	8.87	9.08	8.91	9.50

NR N7 Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.26	15.41	15.50	16.00
		1	108	15.26	15.39	15.47	16.00
		1	214	15.30	15.43	15.48	16.00
		108	0	14.30	14.44	14.50	15.00
		108	54	15.30	15.40	15.46	16.00
		108	108	14.30	14.41	14.48	15.00
		216	0	14.31	14.42	14.50	15.00
	DFT-s-OFDM QPSK	1	1	15.36	15.49	15.55	16.00
		1	108	15.30	15.39	15.46	16.00
		1	214	15.27	15.40	15.48	16.00

		108	0	14.30	14.41	14.47	15.00
		108	54	15.31	15.39	15.50	16.00
		108	108	14.28	14.39	14.48	15.00
		216	0	14.30	14.39	14.49	15.00
	DFT-s-OFDM 16QAM	1	1	14.31	14.51	14.51	15.00
	DFT-s-OFDM 64QAM	1	1	13.24	13.24	13.41	13.50
	DFT-s-OFDM 256QAM	1	1	10.82	10.8	11	11.50

NR N7 Sensor Off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.28	19.31	19.40	20.00
		1	108	19.21	19.32	19.31	20.00
		1	214	19.35	19.28	19.15	20.00
		108	0	18.32	18.38	18.31	19.00
		108	54	19.21	19.11	19.18	20.00
		108	108	18.19	18.21	19.29	19.00
		216	0	18.32	18.42	18.31	19.00
	DFT-s-OFDM QPSK	1	1	19.39	19.48	19.41	20.00
		1	108	19.33	19.39	19.36	20.00
		1	214	19.21	19.32	19.35	20.00
		108	0	18.31	18.42	19.31	19.00
		108	54	19.30	19.38	19.31	20.00
		108	108	18.42	18.31	18.25	19.00
		216	0	18.22	18.34	18.24	19.00
	DFT-s-OFDM 16QAM	1	1	18.41	18.32	18.39	19.00
	DFT-s-OFDM 64QAM	1	1	17.21	17.35	17.18	17.50
	DFT-s-OFDM 256QAM	1	1	14.88	14.81	14.75	15.50

13.4 Conducted Power of NR NSA Antenna (Ant4)

N78 Class2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.43	/	27.00
		1	137	/	26.37	/	27.00
		1	271	/	26.55	/	27.00
		135	0	/	25.40	/	26.00
		135	69	/	26.45	/	27.00
		135	138	/	25.28	/	26.00
		270	0	/	25.40	/	26.00
	DFT-s-OFDM QPSK	1	1	/	26.51	/	27.00
		1	137	/	26.39	/	27.00
		1	271	/	26.45	/	27.00
		135	0	/	25.35	/	26.00
		135	69	/	26.44	/	27.00
		135	138	/	25.25	/	26.00
		270	0	/	25.38	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	25.36	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	23.35	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.75	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		24.12		24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	26.48	26.38	26.28	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	26.37	26.05	26.25	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	26.28	26.38	26.21	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	26.35	26.34	26.27	27.00

Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	26.28	26.48	26.35	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	26.34	26.41	26.45	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	26.41	26.48	26.48	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	26.45	26.43	26.35	27.00

N78 Class 2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.45	/	27.00
		1	137	/	26.37	/	27.00
		1	271	/	26.53	/	27.00
		135	0	/	25.42	/	26.00
		135	69	/	26.44	/	27.00
		135	138	/	25.24	/	26.00
		270	0	/	25.41	/	26.00
	DFT-s-OFDM QPSK	1	1	/	26.53	/	27.00
		1	137	/	26.37	/	27.00
		1	271	/	26.47	/	27.00
		135	0	/	25.33	/	26.00
		135	69	/	26.46	/	27.00
		135	138	/	25.30	/	26.00
		270	0	/	25.41	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	25.34	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	23.30	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.80	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	24.18	/	24.50

Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	26.48	26.51	26.38	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	26.32	26.28	26.41	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	26.45	26.41	26.39	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	26.41	26.49	26.51	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	26.48	26.38	26.29	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	26.39	26.38	26.41	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	26.42	26.28	26.31	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	26.38	26.41	26.28	27.00

N78 Class 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.48	/	25.00
		1	137	/	24.44	/	25.00
		1	271	/	24.58	/	25.00
		135	0	/	23.47	/	24.00
		135	69	/	24.49	/	25.00
		135	138	/	23.28	/	24.00

		270	0	/	23.38	/	24.00
		1	1	/	24.60	/	25.00
		1	137	/	24.43	/	25.00
		1	271	/	24.44	/	25.00
		135	0	/	23.41	/	24.00
		135	69	/	24.48	/	25.00
		135	138	/	23.15	/	24.00
		270	0	/	23.36	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	23.31	/	24.00
	DFT-s-OFDM 64QAM	1	1	/	21.44	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	19.83	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		22.17		22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	24.31	24.41	24.35	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	23.95	23.98	23.96	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	24.31	24.28	24.22	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	24.37	24.40	24.35	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	24.31	24.48	24.34	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	24.31	24.38	24.37	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	24.32	24.47	24.41	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.43	24.50	24.39	25.00

N78 Class 3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.38	/	25.00
		1	137	/	24.34	/	25.00
		1	271	/	24.48	/	25.00
		135	0	/	23.46	/	24.00
		135	69	/	24.51	/	25.00
		135	138	/	23.23	/	24.00
		270	0	/	23.35	/	24.00
	DFT-s-OFDM QPSK	1	1	/	24.56	/	25.00
		1	137	/	24.36	/	25.00
		1	271	/	24.46	/	25.00
		135	0	/	23.42	/	24.00
		135	69	/	24.53	/	25.00
		135	138	/	23.33	/	24.00
		270	0	/	23.50	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	23.38	/	24.00
	DFT-s-OFDM 64QAM	1	1	/	21.21	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	19.83	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.09	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	24.54	24.45	24.46	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	24.27	24.34	24.51	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	24.52	24.40	24.39	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.48	24.40	24.61	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.52	24.33	24.23	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.85	23.91	23.89	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.92	23.86	23.87	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.83	23.83	23.69	25.00

N78 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	11.39	/	12.00
		1	137	/	11.21	/	12.00
		1	271	/	11.46	/	12.00
		135	0	/	10.29	/	11.00
		135	69	/	11.39	/	12.00
		135	138	/	10.10	/	11.00
		270	0	/	10.37	/	11.00
	DFT-s-OFDM QPSK	1	1	/	11.38	/	12.00
		1	137	/	11.42	/	12.00
		1	271	/	11.40	/	12.00
		135	0	/	10.31	/	11.00
		135	69	/	11.41	/	12.00
		135	138	/	10.20	/	11.00
		270	0	/	10.28	/	11.00
	DFT-s-OFDM 16QAM	1	1	/	10.35	/	11.00

	DFT-s-OFDM 64QAM	1	1	/	8.18	/	9.50
	DFT-s-OFDM 256QAM	1	1	/	6.62	/	7.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1		9.04		9.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	11.22	11.29	11.35	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	11.39	11.44	11.42	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	11.28	11.31	11.22	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	11.21	11.25	11.19	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	11.26	11.35	11.27	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	11.32	11.39	11.34	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	11.32	11.42	11.35	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	11.15	11.21	11.08	12.00

N78 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	11.48	/	12.00
		1	137	/	11.33	/	12.00
		1	271	/	11.53	/	12.00
		135	0	/	10.38	/	11.00
		135	69	/	11.33	/	12.00
		135	138	/	10.09	/	11.00
		270	0	/	10.37	/	11.00
	DFT-s-OFDM QPSK	1	1	/	11.54	/	12.00
		1	137	/	11.33	/	12.00
		1	271	/	11.33	/	12.00
		135	0	/	10.18	/	11.00
		135	69	/	11.28	/	12.00
		135	138	/	10.17	/	11.00
		270	0	/	10.36	/	11.00
	DFT-s-OFDM 16QAM	1	1	/	10.19	/	11.00
	DFT-s-OFDM 64QAM	1	1	/	8.25	/	9.50
	DFT-s-OFDM 256QAM	1	1	/	6.79	/	7.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	9.01	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	11.31	11.37	11.33	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	11.12	11.25	11.19	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	11.21	11.32	11.29	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	11.34	11.42	11.29	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	11.19	11.31	11.19	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	11.21	11.28	11.21	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	11.20	11.26	11.18	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	11.25	11.33	11.17	12.00

N78 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.33	/	18.00
		1	137	/	17.27	/	18.00
		1	271	/	17.49	/	18.00
		135	0	/	16.31	/	17.00
		135	69	/	17.36	/	18.00
		135	138	/	16.22	/	17.00
		270	0	/	16.30	/	17.00
	DFT-s-OFDM QPSK	1	1	/	17.45	/	18.00
		1	137	/	17.29	/	18.00
		1	271	/	17.40	/	18.00
		135	0	/	16.26	/	17.00
		135	69	/	17.38	/	18.00
		135	138	/	16.17	/	17.00
		270	0	/	16.29	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	16.26	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	14.26	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	12.68	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		15.05		15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.42	17.30	17.20	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.27	16.99	17.18	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	17.18	17.28	17.13	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.27	17.27	17.18	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.20	17.42	17.26	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.28	17.34	17.39	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	17.33	17.42	17.39	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.40	17.35	17.29	18.00

N78 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.39	/	18.00
		1	137	/	17.32	/	18.00
		1	271	/	17.46	/	18.00
		135	0	/	16.36	/	17.00
		135	69	/	17.34	/	18.00
		135	138	/	16.16	/	17.00
		270	0	/	16.34	/	17.00

	DFT-s-OFDM QPSK	1	1	/	17.44	/	18.00
		1	137	/	17.30	/	18.00
		1	271	/	17.42	/	18.00
		135	0	/	16.28	/	17.00
		135	69	/	17.40	/	18.00
		135	138	/	16.24	/	17.00
		270	0	/	16.35	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	16.26	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	14.25	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	12.71	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	15.11	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	17.41	17.42	17.28	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	17.27	17.22	17.32	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	17.37	17.32	17.33	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	17.31	17.41	17.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	17.38	17.29	17.23	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	17.29	17.32	17.34	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	

30MHz	DFT-s-OFDM QPSK	1	1	17.37	17.22	17.26	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.28	17.33	17.21	18.00

N78 Receive on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.52	/	25.50
		1	137	/	24.29	/	25.50
		1	271	/	24.63	/	25.50
		135	0	/	23.38	/	24.50
		135	69	/	24.35	/	25.50
		135	138	/	23.28	/	24.50
		270	0	/	23.38	/	24.50
	DFT-s-OFDM QPSK	1	1	/	24.60	/	25.50
		1	137	/	24.36	/	25.50
		1	271	/	24.36	/	25.50
		135	0	/	23.36	/	24.50
		135	69	/	24.35	/	25.50
		135	138	/	23.28	/	24.50
		270	0	/	23.29	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	23.32	/	24.50
	DFT-s-OFDM 64QAM	1	1	/	21.31	/	23.00
	DFT-s-OFDM 256QAM	1	1	/	19.72	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.66	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	24.94	24.90	24.78	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	24.93	24.93	24.74	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	

70MHz	DFT-s-OFDM QPSK	1	1	24.97	24.88	24.72	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	25.00	24.95	24.84	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.98	24.86	24.84	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.88	24.94	24.81	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.88	24.88	24.76	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	25.07	24.92	24.84	25.50

N78 Receive on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.95	/	25.50
		1	137	/	24.91	/	25.50
		1	271	/	24.94	/	25.50
		135	0	/	23.90	/	24.50
		135	69	/	24.95	/	25.50
		135	138	/	23.66	/	24.50
		270	0	/	23.95	/	24.50
	DFT-s-OFDM QPSK	1	1	/	25.13	/	25.50
		1	137	/	24.87	/	25.50
		1	271	/	24.94	/	25.50
		135	0	/	23.89	/	24.50
		135	69	/	24.93	/	25.50
		135	138	/	23.78	/	24.50
		270	0	/	23.82	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	23.90	/	24.50

	DFT-s-OFDM 64QAM	1	1	/	21.85	/	23.00
	DFT-s-OFDM 256QAM	1	1	/	20.27	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	22.75	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	25.00	24.91	24.85	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.93	24.99	24.82	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.90	24.98	24.96	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.96	25.08	24.97	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.92	25.03	24.82	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.99	24.99	24.85	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.99	24.97	24.94	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.97	25.09	24.91	25.50

13.5 Conducted Power of NR NSA Antenna (Ant5)

NR N7 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	12.41	12.50	12.44	13.00
		1	108	12.42	12.49	12.44	13.00
		1	214	12.44	12.51	12.43	13.00
		108	0	11.42	11.47	11.42	12.00
		108	54	12.40	12.48	12.46	13.00
		108	108	11.40	11.52	11.43	12.00
		216	0	11.45	11.51	11.42	12.00
	DFT-s-OFDM QPSK	1	1	12.50	12.57	12.51	13.00
		1	108	12.43	12.51	12.42	13.00
		1	214	12.43	12.48	12.42	13.00
		108	0	11.43	11.52	11.41	12.00
		108	54	12.43	12.50	12.43	13.00
		108	108	11.44	11.49	11.45	12.00
		216	0	11.45	11.51	11.45	12.00
	DFT-s-OFDM 16QAM	1	1	11.42	11.44	11.56	12.00
	DFT-s-OFDM 64QAM	1	1	10.42	10.30	10.33	10.50
	DFT-s-OFDM 256QAM	1	1	7.91	7.94	8.01	8.50

NR N7 Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.91	19.00	18.80	19.50
		1	108	18.90	18.97	18.77	19.50
		1	214	18.89	18.97	18.77	19.50
		108	0	17.89	17.95	17.78	18.50
		108	54	18.91	18.95	18.79	19.50
		108	108	17.88	17.98	17.82	18.50

	DFT-s-OFDM QPSK	216	0	17.90	18.00	17.78	18.50
		1	1	18.98	19.05	18.87	19.50
		1	108	18.89	18.99	18.78	19.50
		1	214	18.93	18.96	18.82	19.50
		108	0	17.90	17.97	17.79	18.50
		108	54	18.92	18.99	18.80	19.50
		108	108	17.90	17.99	17.80	18.50
		216	0	17.93	17.95	17.80	18.50
	DFT-s-OFDM 16QAM	1	1	17.90	17.92	18.00	18.50
	DFT-s-OFDM 64QAM	1	1	16.77	16.87	16.82	17.00
	DFT-s-OFDM 256QAM	1	1	14.51	14.48	14.54	15.00

NR N7 Sensor off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.28	20.43	20.38	21.00
		1	108	20.18	20.32	20.31	21.00
		1	214	20.24	20.35	20.39	21.00
		108	0	19.45	19.38	19.32	20.00
		108	54	20.31	20.38	20.31	21.00
		108	108	19.34	19.38	19.31	20.00
		216	0	19.38	19.41	19.34	20.00
	DFT-s-OFDM QPSK	1	1	20.41	20.48	20.41	21.00
		1	108	20.22	20.28	20.31	21.00
		1	214	20.34	20.39	20.31	21.00
		108	0	19.18	19.27	19.21	20.00
		108	54	20.38	20.40	20.37	21.00
		108	108	19.37	19.34	19.34	20.00
		216	0	19.34	19.42	19.31	20.00
	DFT-s-OFDM 16QAM	1	1	19.38	19.41	19.50	20.00
	DFT-s-OFDM 64QAM	1	1	18.31	18.37	18.22	18.50

	DFT-s-OFDM 256QAM	1	1	19.11	19.13	19.21	16.50
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13.6 Conducted Power of NR NSA Antenna (Ant6)

N78 Class 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.61	/	23.50
		1	137	/	22.47	/	23.50
		1	271	/	22.53	/	23.50
		135	0	/	21.87	/	22.50
		135	69	/	22.53	/	23.50
		135	138	/	21.82	/	22.50
		270	0	/	21.97	/	22.50
	DFT-s-OFDM QPSK	1	1	/	22.95	/	23.50
		1	137	/	22.41	/	23.50
		1	271	/	22.42	/	23.50
		135	0	/	21.83	/	22.50
		135	69	/	22.91	/	23.50
		135	138	/	21.86	/	22.50
		270	0	/	21.83	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.68	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	19.84	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.12	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		20.23		21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.51	22.60	22.48	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.32	22.45	22.38	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	

70MHz	DFT-s-OFDM QPSK	1	1	22.38	22.28	22.41	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.52	22.18	22.38	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	22.46	22.48	22.38	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.32	22.34	22.48	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.44	22.41	22.15	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.32	22.19	22.46	23.50

N78 Class 2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.56	/	23.50
		1	137	/	22.45	/	23.50
		1	271	/	22.48	/	23.50
		135	0	/	21.88	/	22.50
		135	69	/	22.58	/	23.50
		135	138	/	21.85	/	22.50
		270	0	/	21.92	/	22.50
	DFT-s-OFDM QPSK	1	1	/	22.62	/	23.50
		1	137	/	22.44	/	23.50
		1	271	/	22.46	/	23.50
		135	0	/	21.86	/	22.50
		135	69	/	22.60	/	23.50
		135	138	/	21.83	/	22.50
		270	0	/	21.88	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.69	/	22.50

	DFT-s-OFDM 64QAM	1	1	/	19.88	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.14	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	20.21	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	22.38	22.51	22.42	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	22.54	22.56	22.18	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	22.45	22.41	22.35	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.48	22.43	22.36	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	22.18	22.19	22.35	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.48	22.24	22.62	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.52	22.61	22.48	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.51	22.44	22.49	23.50

N78 Class 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.54	/	21.5
		1	137	/	20.44	/	21.5
		1	271	/	20.47	/	21.5
		135	0	/	19.83	/	20.5
		135	69	/	20.49	/	21.5
		135	138	/	19.78	/	20.5
		270	0	/	19.96	/	20.5
	DFT-s-OFDM QPSK	1	1	/	20.97	/	21.5
		1	137	/	20.51	/	21.5
		1	271	/	20.47	/	21.5
		135	0	/	19.81	/	20.5
		135	69	/	20.90	/	21.5
		135	138	/	19.86	/	20.5
		270	0	/	19.77	/	20.5
	DFT-s-OFDM 16QAM	1	1	/	19.74	/	20.5
	DFT-s-OFDM 64QAM	1	1	/	17.88	/	19
	DFT-s-OFDM 256QAM	1	1	/	16.16	/	17
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		18.31		19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	20.47	20.63	20.45	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.29	20.39	20.31	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	20.35	20.19	20.45	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

60MHz	DFT-s-OFDM QPSK	1	1	20.45	20.17	20.32	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	20.49	20.39	20.42	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.27	20.41	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.53	20.34	20.11	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.27	20.13	20.38	21.50

N78 Class 3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.64	/	21.50
		1	137	/	20.43	/	21.50
		1	271	/	20.47	/	21.50
		135	0	/	19.87	/	20.50
		135	69	/	20.56	/	21.50
		135	138	/	19.78	/	20.50
		270	0	/	20.02	/	20.50
	DFT-s-OFDM QPSK	1	1	/	20.67	/	21.50
		1	137	/	20.37	/	21.50
		1	271	/	20.46	/	21.50
		135	0	/	19.93	/	20.50
		135	69	/	20.65	/	21.50
		135	138	/	19.81	/	20.50
		270	0	/	19.98	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	19.77	/	20.50
	DFT-s-OFDM 64QAM	1	1	/	17.94	/	19.00

	DFT-s-OFDM 256QAM	1	1	/	16.11	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.12	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	20.47	20.58	20.40	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	20.45	20.46	20.09	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	20.48	20.51	20.42	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	20.57	20.37	20.29	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	20.12	20.10	20.32	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	20.57	20.33	20.64	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	20.55	20.71	20.41	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	20.55	20.36	20.41	21.50

N78 Receiver on&Hotspot on	Conducted Power(dBm)
SCS 30kHz(3450~3550)	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.54	/	13.50
		1	137	/	12.45	/	13.50
		1	271	/	12.51	/	13.50
		135	0	/	11.88	/	12.50
		135	69	/	12.44	/	13.50
		135	138	/	11.67	/	12.50
		270	0	/	11.82	/	12.50
	DFT-s-OFDM QPSK	1	1	/	12.57	/	13.50
		1	137	/	12.43	/	13.50
		1	271	/	12.25	/	13.50
		135	0	/	11.73	/	12.50
		135	69	/	12.56	/	13.50
		135	138	/	11.79	/	12.50
		270	0	/	11.85	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	11.65	/	12.50
	DFT-s-OFDM 64QAM	1	1	/	9.70	/	11.00
	DFT-s-OFDM 256QAM	1	1	/	8.04	/	9.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		10.22		11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	12.46	12.62	12.34	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	12.19	12.42	12.40	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	12.36	12.24	12.45	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	12.38	12.17	12.32	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	12.39	12.36	12.43	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	12.26	12.36	12.39	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	12.31	12.30	12.00	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	12.18	12.05	12.42	13.50

N78 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.50	/	13.50
		1	137	/	12.38	/	13.50
		1	271	/	12.36	/	13.50
		135	0	/	11.89	/	12.50
		135	69	/	12.53	/	13.50
		135	138	/	11.79	/	12.50
		270	0	/	11.76	/	12.50
	DFT-s-OFDM QPSK	1	1	/	12.61	/	13.50
		1	137	/	12.31	/	13.50
		1	271	/	12.41	/	13.50
		135	0	/	11.68	/	12.50
		135	69	/	12.47	/	13.50
		135	138	/	11.75	/	12.50
		270	0	/	11.84	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	11.71	/	12.50
	DFT-s-OFDM 64QAM	1	1	/	9.92	/	11.00
	DFT-s-OFDM 256QAM	1	1	/	8.19	/	9.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	

100MHz	CP-OFDM QPSK	1	1	/	10.16	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	12.19	12.44	12.44	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	12.52	12.50	12.02	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	12.27	12.32	12.29	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	12.41	12.48	12.29	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	12.12	12.04	12.36	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	12.43	12.15	12.54	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	12.43	12.43	12.31	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	12.43	12.25	12.45	13.50

N78 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.52	/	16.50
		1	137	/	15.42	/	16.50
		1	271	/	15.46	/	16.50

		135	0	/	14.81	/	15.50
		135	69	/	15.45	/	16.50
		135	138	/	14.72	/	15.50
		270	0	/	14.90	/	15.50
	DFT-s-OFDM QPSK	1	1	/	15.59	/	16.50
		1	137	/	15.34	/	16.50
		1	271	/	15.33	/	16.50
		135	0	/	14.73	/	15.50
		135	69	/	15.55	/	16.50
		135	138	/	14.78	/	15.50
		270	0	/	14.73	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.58	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.78	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	11.05	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		13.15		14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.45	15.51	15.41	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.22	15.38	15.29	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	15.28	15.18	15.32	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.43	15.12	15.30	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.41	15.39	15.32	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	

40MHz	DFT-s-OFDM QPSK	1	1	15.24	15.26	15.42	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.37	15.32	15.08	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.24	15.11	15.38	16.50

N78 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.48	/	16.50
		1	137	/	15.39	/	16.50
		1	271	/	15.42	/	16.50
		135	0	/	14.82	/	15.50
		135	69	/	15.51	/	16.50
		135	138	/	14.79	/	15.50
		270	0	/	14.84	/	15.50
	DFT-s-OFDM QPSK	1	1	/	15.56	/	16.50
		1	137	/	15.39	/	16.50
		1	271	/	15.37	/	16.50
		135	0	/	14.79	/	15.50
		135	69	/	15.54	/	16.50
		135	138	/	14.78	/	15.50
		270	0	/	14.80	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.59	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.82	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	11.09	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	13.14	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.33	15.41	15.34	16.50

Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	15.49	15.48	15.12	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	15.36	15.36	15.28	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.40	15.36	15.29	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.09	15.09	15.28	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.42	15.14	15.56	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.42	15.51	15.40	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.41	15.38	15.40	16.50

13.7 Conducted Power of NR NSA Antenna (Ant7)

N78 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	11.89	/	12.00
		1	137	/	11.41	/	12.00
		1	271	/	11.78	/	12.00
		135	0	/	10.80	/	11.00
		135	69	/	11.81	/	12.00
		135	138	/	10.79	/	11.00
		270	0	/	10.62	/	11.00
	DFT-s-OFDM QPSK	1	1	/	11.74	/	12.00
		1	137	/	11.41	/	12.00
		1	271	/	11.82	/	12.00

		135	0	/	10.90	/	11.00
		135	69	/	11.84	/	12.00
		135	138	/	10.88	/	11.00
		270	0	/	10.69	/	11.00
	DFT-s-OFDM 16QAM	1	1	/	10.92	/	11.00
	DFT-s-OFDM 64QAM	1	1	/	9.17	/	9.50
	DFT-s-OFDM 256QAM	1	1	/	7.45	/	7.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		9.46		9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	11.75	11.49	11.54	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	11.67	11.40	11.26	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	11.71	11.33	11.31	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	11.33	11.71	11.46	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	11.80	11.62	11.51	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	11.83	11.59	11.35	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	11.81	11.19	11.36	12.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	11.60	11.36	11.71	12.00

N78 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	11.78	/	12.00
		1	137	/	11.81	/	12.00
		1	271	/	11.65	/	12.00
		135	0	/	10.91	/	11.00
		135	69	/	11.78	/	12.00
		135	138	/	10.78	/	11.00
		270	0	/	10.70	/	11.00
	DFT-s-OFDM QPSK	1	1	/	11.95	/	12.00
		1	137	/	11.36	/	12.00
		1	271	/	11.72	/	12.00
		135	0	/	10.85	/	11.00
		135	69	/	11.74	/	12.00
		135	138	/	10.93	/	11.00
		270	0	/	10.76	/	11.00
	DFT-s-OFDM 16QAM	1	1	/	10.76	/	11.00
	DFT-s-OFDM 64QAM	1	1	/	8.83	/	9.50
	DFT-s-OFDM 256QAM	1	1	/	6.90	/	7.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	8.87	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	11.18	11.57	11.54	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	11.38	11.31	11.22	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	

70MHz	DFT-s-OFDM QPSK	1	1	11.16	11.64	11.31	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	11.10	11.43	11.16	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	11.55	11.12	11.28	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	11.29	11.69	11.26	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	11.14	11.18	11.46	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	11.25	11.18	11.75	12.00

N78 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.29	/	15.50
		1	137	/	14.93	/	15.50
		1	271	/	15.16	/	15.50
		135	0	/	14.36	/	14.50
		135	69	/	15.24	/	15.50
		135	138	/	14.32	/	14.50
		270	0	/	14.17	/	14.50
	DFT-s-OFDM QPSK	1	1	/	15.25	/	15.50
		1	137	/	14.90	/	15.50
		1	271	/	15.22	/	15.50
		135	0	/	14.31	/	14.50
		135	69	/	15.26	/	15.50
		135	138	/	14.26	/	14.50
		270	0	/	14.23	/	14.50
	DFT-s-OFDM 16QAM	1	1	/	14.33	/	14.50

	DFT-s-OFDM 64QAM	1	1	/	12.82	/	13.00
	DFT-s-OFDM 256QAM	1	1	/	10.91	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1		13.02		13.00
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	15.25	14.95	15.13	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	15.12	14.84	14.80	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	15.21	14.83	14.80	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	14.84	15.15	14.99	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.31	15.10	14.93	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.28	14.75	14.75	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.02	14.92	15.19	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	14.84	15.26	15.10	14.00

N78 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.31	/	15.50
		1	137	/	15.33	/	15.50
		1	271	/	15.13	/	15.50
		135	0	/	14.36	/	14.50
		135	69	/	15.17	/	15.50
		135	138	/	14.33	/	14.50
		270	0	/	14.10	/	14.50
	DFT-s-OFDM QPSK	1	1	/	15.35	/	15.50
		1	137	/	14.91	/	15.50
		1	271	/	15.17	/	15.50
		135	0	/	14.32	/	14.50
		135	69	/	15.24	/	15.50
		135	138	/	14.33	/	14.50
		270	0	/	14.22	/	14.50
	DFT-s-OFDM 16QAM	1	1	/	14.32	/	14.50
	DFT-s-OFDM 64QAM	1	1	/	12.37	/	13.00
	DFT-s-OFDM 256QAM	1	1	/	10.37	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	12.29	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	14.76	15.12	15.06	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	14.85	14.75	14.81	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	14.77	15.02	14.95	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	14.70	14.92	14.74	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	15.07	14.66	14.77	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	14.90	15.18	14.76	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	14.70	14.80	15.00	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	14.73	14.68	15.14	15.50

13.8 Conducted Power of NR NSA Antenna (Ant8)

N78 Class2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	27.04	/	27.50
		1	137	/	26.89	/	27.50
		1	271	/	26.79	/	27.50
		135	0	/	25.47	/	26.50
		135	69	/	26.78	/	27.50
		135	138	/	25.48	/	26.50
		270	0	/	25.47	/	26.50
	DFT-s-OFDM QPSK	1	1	/	27.00	/	27.50
		1	137	/	26.88	/	27.50
		1	271	/	26.79	/	27.50
		135	0	/	25.46	/	26.50
		135	69	/	26.98	/	27.50
		135	138	/	25.47	/	26.50
		270	0	/	25.49	/	26.50
	DFT-s-OFDM 16QAM	1	1	/	25.20	/	26.50
	DFT-s-OFDM 64QAM	1	1	/	23.38	/	25.00
	DFT-s-OFDM 256QAM	1	1	/	22.63	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

100MHz	CP-OFDM QPSK	1	1		23.42		25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	26.54	26.58	26.51	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	26.60	26.54	26.62	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	26.65	26.63	26.63	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	26.70	26.66	26.60	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	26.62	26.60	26.65	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	26.64	26.54	26.58	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	26.65	26.59	26.58	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	26.52	26.54	26.63	27.50

N78 Class2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	27.06	/	27.50
		1	137	/	26.94	/	27.50
		1	271	/	26.83	/	27.50

		135	0	/	25.43	/	26.50
		135	69	/	26.79	/	27.50
		135	138	/	25.45	/	26.50
		270	0	/	25.51	/	26.50
	DFT-s-OFDM QPSK	1	1	/	26.97	/	27.50
		1	137	/	26.92	/	27.50
		1	271	/	26.80	/	27.50
		135	0	/	25.42	/	26.50
		135	69	/	26.95	/	27.50
		135	138	/	25.45	/	26.50
		270	0	/	25.48	/	26.50
	DFT-s-OFDM 16QAM	1	1	/	25.18	/	26.50
	DFT-s-OFDM 64QAM	1	1	/	23.35	/	25.00
	DFT-s-OFDM 256QAM	1	1	/	22.58	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	23.31	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	26.58	26.52	26.56	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	26.63	26.54	26.58	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	26.62	26.56	26.66	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	26.61	26.67	26.61	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	26.67	26.60	26.68	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	

40MHz	DFT-s-OFDM QPSK	1	1	26.57	26.56	26.53	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	26.62	26.50	26.60	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	26.61	26.65	26.65	27.50

N78 Class3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.01	/	25.50
		1	137	/	24.99	/	25.50
		1	271	/	24.80	/	25.50
		135	0	/	23.47	/	24.50
		135	69	/	24.71	/	25.50
		135	138	/	23.52	/	24.50
		270	0	/	23.49	/	24.50
	DFT-s-OFDM QPSK	1	1	/	25.03	/	25.50
		1	137	/	24.96	/	25.50
		1	271	/	24.79	/	25.50
		135	0	/	23.47	/	24.50
		135	69	/	24.94	/	25.50
		135	138	/	23.45	/	24.50
		270	0	/	23.48	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	23.19	/	24.50
	DFT-s-OFDM 64QAM	1	1	/	21.30	/	23.00
	DFT-s-OFDM 256QAM	1	1	/	20.57	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		21.34		23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	24.45	24.53	24.52	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	24.65	24.56	24.63	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.74	24.59	24.67	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.74	24.74	24.65	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.53	24.61	24.66	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.56	24.45	24.52	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.75	24.50	24.67	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.60	24.63	24.56	25.50

N78 Class3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.07	/	25.50
		1	137	/	24.97	/	25.50
		1	271	/	24.90	/	25.50
		135	0	/	23.36	/	24.50
		135	69	/	24.83	/	25.50
		135	138	/	23.55	/	24.50
		270	0	/	23.44	/	24.50
	DFT-s-OFDM QPSK	1	1	/	25.06	/	25.50
		1	137	/	24.92	/	25.50
		1	271	/	24.72	/	25.50
		135	0	/	23.38	/	24.50
		135	69	/	24.95	/	25.50

		135	138	/	23.39	/	24.50
		270	0	/	23.51	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	23.20	/	24.50
	DFT-s-OFDM 64QAM	1	1	/	21.25	/	23.00
	DFT-s-OFDM 256QAM	1	1	/	20.62	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	21.34	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	24.67	24.62	24.64	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	24.71	24.44	24.54	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	24.61	24.58	24.75	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	24.67	24.57	24.54	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	24.76	24.68	24.58	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	24.48	24.58	24.49	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	24.61	24.44	24.56	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

20MHz	DFT-s-OFDM QPSK	1	1	24.60	24.73	24.65	25.50
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N78 Sensor on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.46	/	15.00
		1	137	/	14.28	/	15.00
		1	271	/	14.17	/	15.00
		135	0	/	12.85	/	14.00
		135	69	/	14.32	/	15.00
		135	138	/	12.93	/	14.00
		270	0	/	12.96	/	14.00
	DFT-s-OFDM QPSK	1	1	/	14.67	/	15.00
		1	137	/	14.30	/	15.00
		1	271	/	14.21	/	15.00
		135	0	/	12.91	/	14.00
		135	69	/	14.59	/	15.00
		135	138	/	12.92	/	14.00
		270	0	/	12.95	/	14.00
	DFT-s-OFDM 16QAM	1	1	/	12.62	/	14.00
	DFT-s-OFDM 64QAM	1	1	/	10.89	/	12.50
	DFT-s-OFDM 256QAM	1	1	/	10.10	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		10.92		12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	14.00	14.00	13.83	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	13.96	13.88	13.96	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	14.06	14.09	14.00	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	14.18	14.19	14.11	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	14.12	13.93	14.00	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	13.99	13.96	13.93	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	14.04	13.96	13.96	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.01	13.91	14.01	15.00

N78 Sensor on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.55	/	15.00
		1	137	/	14.39	/	15.00
		1	271	/	14.23	/	15.00
		135	0	/	12.89	/	14.00
		135	69	/	14.21	/	15.00
		135	138	/	12.94	/	14.00
		270	0	/	12.98	/	14.00
	DFT-s-OFDM QPSK	1	1	/	14.44	/	15.00
		1	137	/	14.43	/	15.00
		1	271	/	14.25	/	15.00
		135	0	/	12.83	/	14.00
		135	69	/	14.42	/	15.00
		135	138	/	12.76	/	14.00
		270	0	/	12.86	/	14.00
	DFT-s-OFDM 16QAM	1	1	/	12.49	/	14.00
	DFT-s-OFDM 64QAM	1	1	/	10.71	/	12.50

	DFT-s-OFDM 256QAM	1	1	/	9.94	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	10.75	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	14.02	13.82	14.03	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	14.02	14.08	13.90	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	14.01	13.95	14.08	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	13.97	14.00	13.97	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	14.11	14.05	14.03	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	13.91	13.97	13.92	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	14.07	13.82	13.98	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	14.00	14.14	14.03	15.00

N78 Sensor off				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.97	/	22.50
		1	137	/	21.79	/	22.50
		1	271	/	21.72	/	22.50
		135	0	/	20.39	/	21.50
		135	69	/	21.72	/	22.50
		135	138	/	20.40	/	21.50
		270	0	/	20.39	/	21.50
	DFT-s-OFDM QPSK	1	1	/	21.90	/	22.50
		1	137	/	21.80	/	22.50
		1	271	/	21.73	/	22.50
		135	0	/	20.37	/	21.50
		135	69	/	21.93	/	22.50
		135	138	/	20.38	/	21.50
		270	0	/	20.44	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.14	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	18.33	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	17.53	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1		18.37		20.00
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.46	21.52	21.45	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.55	21.49	21.56	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	21.55	21.55	21.54	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.60	21.59	21.53	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up

50MHz	DFT-s-OFDM QPSK	1	1	21.55	21.55	21.59	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.57	21.46	21.52	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.60	21.52	21.53	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.42	21.45	21.53	22.50

N78 Sensor off				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.96	/	22.50
		1	137	/	21.89	/	22.50
		1	271	/	21.77	/	22.50
		135	0	/	20.36	/	21.50
		135	69	/	21.73	/	22.50
		135	138	/	20.35	/	21.50
		270	0	/	20.45	/	21.50
	DFT-s-OFDM QPSK	1	1	/	21.89	/	22.50
		1	137	/	21.86	/	22.50
		1	271	/	21.74	/	22.50
		135	0	/	20.33	/	21.50
		135	69	/	21.88	/	22.50
		135	138	/	20.39	/	21.50
		270	0	/	20.38	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.13	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	18.30	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	17.52	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.22	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	21.53	21.46	21.47	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	21.58	21.47	21.49	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	21.55	21.51	21.61	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	21.54	21.57	21.52	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	21.57	21.52	21.58	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	21.49	21.49	21.45	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.53	21.44	21.50	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.55	21.58	21.57	22.50

13.9 Conducted Power of NR NSA Antenna (Ant0)

NR N41 Sensor off					Conducted Power(dBm)			
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					509202	518598	528000	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	0	21.79	21.77	21.71	23.00
			1	1	22.67	22.66	23.15	24.00
			1	271	22.86	22.79	22.91	24.00
			1	272	21.84	21.65	21.81	23.00
			2	0	21.73	21.73	21.68	23.00
			2	271	21.81	21.98	21.78	23.00
			135	67	22.69	22.86	22.91	24.00
			270	0	21.92	21.98	21.84	23.00
		DFT-s-OFDM QPSK	1	0	21.65	21.65	21.77	23.00
			1	1	22.55	22.68	23.02	24.00
			1	271	23.04	22.73	22.78	24.00
			1	272	21.70	21.78	21.82	23.00
			2	0	21.64	21.65	21.70	23.00
			2	271	21.88	21.80	21.94	23.00
			135	67	22.78	22.85	22.72	24.00
			270	0	21.82	21.78	21.67	23.00
		DFT-s-OFDM 16QAM	1	1	22.06	22.04	21.95	23.00
		DFT-s-OFDM 64QAM	1	1	20.37	20.49	20.60	21.50
		DFT-s-OFDM 256QAM	1	1	18.13	18.27	18.37	19.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					509202	518598	528000	
100MHz	30kHz	CP-OFDM QPSK	1	1	21.06	21.08	21.20	22.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					508200	518598	528996	
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	22.47	22.63	23.00	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					507204	518598	529998	
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	22.54	22.64	22.97	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					506202	518598	531000	
70MHz	30kHz	DFT-s-OFDM QPSK	1	1	22.52	22.61	22.99	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					505200	518598	531996	
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	22.50	22.66	22.98	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					504204	518598	532998	

50MHz	30kHz	DFT-s-OFDM QPSK	1	1	22.52	22.66	22.97	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					503202	518598	534000	
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	22.48	22.59	22.95	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					502200	518598	534996	
30MHz	30kHz	DFT-s-OFDM QPSK	1	1	22.48	22.61	22.97	24.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					501204	518598	535998	
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	22.54	22.65	22.94	24.00

NR N41 Sensor on					Conducted Power(dBm)			
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					509202	518598	528000	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	0	15.73	15.70	15.65	17.00
			1	1	16.66	16.65	17.11	18.00
			1	271	16.79	16.76	16.89	18.00
			1	272	15.80	15.59	15.79	17.00
			2	0	15.72	15.71	15.66	17.00
			2	271	15.74	15.96	15.72	17.00
			135	67	16.62	16.79	16.83	18.00
			270	0	15.86	15.96	15.83	17.00
		DFT-s-OFDM QPSK	1	0	15.59	15.60	15.69	17.00
			1	1	16.53	16.62	16.93	18.00
			1	271	16.96	16.72	16.76	18.00
			1	272	15.67	15.77	15.75	17.00
			2	0	15.63	15.59	15.64	17.00
			2	271	15.79	15.78	15.89	17.00
			135	67	16.70	16.81	16.71	18.00
			270	0	15.76	15.70	15.61	17.00
		DFT-s-OFDM 16QAM	1	1	15.97	15.99	15.88	17.00
		DFT-s-OFDM 64QAM	1	1	14.35	14.44	14.52	15.50
		DFT-s-OFDM 256QAM	1	1	12.07	12.25	12.32	13.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					509202	518598	528000	
100MHz	30kHz	CP-OFDM QPSK	1	1	15.02	15.04	15.17	16.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					508200	518598	528996	
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.40	16.56	16.95	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					507204	518598	529998	

80MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.47	16.60	16.94	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
70MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.47	16.53	16.91	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.46	16.59	16.91	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.51	16.59	16.94	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.46	16.53	16.88	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.46	16.56	16.89	18.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.51	16.60	16.87	18.00

Table 1 : Conducted Power of NR

14 Conducted Power of WiFi and Bluetooth

14.1 Conducted Power of WiFi (MIMO)

WIFI 2.4G MIMO Receiver Off/ Receiver On /Hotspot On/Hotspot Off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	21.21	22.50
	6	2437		21.79	22.50
	11	2462		21.54	22.50
802.11g	1	2412	6	21.17	22.50
	6	2437		21.14	22.50
	11	2462		21.07	22.50
802.11n HT20	1	2412	6.5	19.15	20.50
	6	2437		19.10	20.50
	11	2462		18.98	20.50
802.11n HT40	3	2422	13.5	18.96	20.00
	6	2437		18.85	20.00
	9	2452		18.95	20.00
802.11ax HT20	1	2412	MCS0	19.24	20.50
	6	2437		19.20	20.50
	11	2462		19.03	20.50
802.11ax HT40	3	2422	MCS0	18.78	20.00
	6	2437		18.74	20.00
	9	2452		18.83	20.00

WIFI 2.4G MIMO Receiver On Simultaneous Transmission					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.70	16.00
	6	2437		15.30	16.00
	11	2462		15.04	16.00
802.11g	1	2412	6	14.48	16.00
	6	2437		14.52	16.00
	11	2462		14.42	16.00
802.11n HT20	1	2412	6.5	14.43	16.00
	6	2437		14.35	16.00
	11	2462		14.37	16.00
802.11n HT40	3	2422	13.5	14.75	16.00
	6	2437		14.66	16.00
	9	2452		14.75	16.00
802.11ax HT20	1	2412	MCS0	14.56	16.00
	6	2437		14.47	16.00
	11	2462		14.39	16.00
802.11ax HT40	3	2422	MCS0	14.69	16.00
	6	2437		14.63	16.00
	9	2452		14.72	16.00

WIFI 2.4G MIMO Receiver Off Simultaneous Transmission					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	20.57	22.00
	6	2437		21.13	22.00
	11	2462		20.88	22.00
802.11g	1	2412	6	20.57	22.00
	6	2437		20.40	22.00
	11	2462		20.31	22.00
802.11n HT20	1	2412	6.5	19.15	20.50
	6	2437		19.10	20.50
	11	2462		18.98	20.50
802.11n HT40	3	2422	13.5	18.96	20.00
	6	2437		18.85	20.00
	9	2452		18.95	20.00
802.11ax HT20	1	2412	MCS0	19.24	20.50
	6	2437		19.20	20.50
	11	2462		19.03	20.50
802.11ax HT40	3	2422	MCS0	18.78	20.00
	6	2437		18.74	20.00
	9	2452		18.83	20.00

WIFI 2.4G MIMO Hotspot On Simultaneous Transmission					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.02	19.50
	6	2437		18.62	19.50
	11	2462		18.33	19.50
802.11g	1	2412	6	18.04	19.50
	6	2437		18.01	19.50
	11	2462		17.98	19.50
802.11n HT20	1	2412	6.5	17.96	19.50
	6	2437		17.85	19.50
	11	2462		17.81	19.50
802.11n HT40	3	2422	13.5	18.29	19.50
	6	2437		18.12	19.50
	9	2452		18.33	19.50
802.11ax HT20	1	2412	MCS0	18.00	19.50
	6	2437		18.08	19.50
	11	2462		17.83	19.50
802.11ax HT40	3	2422	MCS0	18.04	19.50
	6	2437		18.07	19.50
	9	2452		18.19	19.50

WIFI 5G MIMO Receiver Off						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	21.30	22.50
		40	5200		21.57	22.50
		44	5220		21.40	22.50
		48	5240		21.22	22.50
	U-NII-2A	52	5260		20.14	21.50
		56	5280		20.15	21.50
		60	5300		20.14	21.50
		64	5320		20.11	21.50
	U-NII-2C	100	5500		18.65	19.50
		104	5520		18.68	19.50
		108	5540		18.67	19.50
		112	5560		18.75	19.50
		116	5580		18.84	19.50
		120	5600		18.73	19.50
		124	5620		18.73	19.50
		128	5640		18.76	19.50
		132	5660		18.76	19.50
		136	5680		18.66	19.50
		140	5700		18.78	19.50
		144	5720		18.70	19.50
	U-NII-3	149	5745		21.31	21.50
		153	5765		21.31	21.50
		157	5785		21.44	21.50
		161	5805		21.37	21.50
		165	5825		21.35	21.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	20.59	22.50
		40	5200		20.57	22.50
		44	5220		20.61	22.50
		48	5240		20.61	22.50
	U-NII-2A	52	5260		19.67	21.50
		56	5280		19.72	21.50
		60	5300		19.75	21.50
		64	5320		19.75	21.50
	U-NII-2C	100	5500		17.52	19.50
		104	5520		17.50	19.50
		108	5540		17.54	19.50
		112	5560		17.60	19.50
		116	5580		17.58	19.50
		120	5600		17.55	19.50
		124	5620		17.55	19.50
		128	5640		17.58	19.50
		132	5660		17.66	19.50
		136	5680		17.53	19.50
		140	5700		17.57	19.50
		144	5720		17.52	19.50
	U-NII-3	149	5745		20.36	21.50
		153	5765		20.37	21.50
		157	5785		20.40	21.50
		161	5805		20.42	21.50
		165	5825		20.50	21.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	19.63	21.50
		46	5230		19.86	21.50
	U-NII-2A	54	5270		19.40	21.00
		62	5310		19.59	21.00

		102	5510		17.23	19.00
		110	5550		17.11	19.00
		118	5590		17.05	19.00
		126	5630		17.27	19.00
		134	5670		17.70	19.00
		142	5710		17.76	19.00
		151	5755		19.90	21.00
		159	5795		19.87	21.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	20.60	22.50
		40	5200		20.55	22.50
		44	5220		20.57	22.50
		48	5240		20.61	22.50
	U-NII-2A	52	5260		19.84	21.50
		56	5280		19.85	21.50
		60	5300		19.85	21.50
		64	5320		19.81	21.50
	U-NII-2C	100	5500		17.53	19.50
		104	5520		17.56	19.50
		108	5540		17.55	19.50
		112	5560		17.56	19.50
		116	5580		17.54	19.50
		120	5600		17.51	19.50
		124	5620		17.51	19.50
		128	5640		17.54	19.50
		132	5660		17.62	19.50
		136	5680		17.54	19.50
		140	5700		17.53	19.50
		144	5720		17.53	19.50
	U-NII-3	149	5745		20.44	21.50
		153	5765		20.44	21.50
		157	5785		20.48	21.50
		161	5805		20.50	21.50
		165	5825		20.57	21.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	19.62	21.50
		46	5230		19.85	21.50
	U-NII-2A	54	5270		19.40	21.00
		62	5310		19.59	21.00
	U-NII-2C	102	5510		17.23	19.00
		110	5550		17.11	19.00
		118	5590		17.14	19.00
		126	5630		17.27	19.00
		134	5670		17.70	19.00
		142	5710		17.76	19.00
	U-NII-3	151	5755		19.88	21.00
		159	5795		19.86	21.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	18.91	20.50
	U-NII-2A	58	5290		19.31	20.50
	U-NII-2C	106	5530		17.46	19.00
		122	5610		17.30	19.00
		138	5690		17.94	19.00
	U-NII-3	155	5775		19.51	20.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	20.59	22.50
		40	5200		20.54	22.50
		44	5220		20.56	22.50
		48	5240		20.55	22.50

	U-NII-2A	52	5260		20.83	22.50
		56	5280		20.84	22.50
		60	5300		20.84	22.50
		64	5320		20.80	22.50
	U-NII-2C	100	5500		17.63	19.50
		104	5520		17.66	19.50
		108	5540		17.65	19.50
		112	5560		17.76	19.50
		116	5580		17.74	19.50
		120	5600		17.71	19.50
		124	5620		17.71	19.50
		128	5640		17.74	19.50
		132	5660		17.82	19.50
		136	5680		17.64	19.50
		140	5700		17.73	19.50
		144	5720		17.68	19.50
	U-NII-3	149	5745		20.61	21.50
		153	5765		20.62	21.50
		157	5785		20.65	21.50
		161	5805		20.67	21.50
		165	5825		20.75	21.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	19.58	21.50
		46	5230		19.81	21.50
	U-NII-2A	54	5270		19.35	21.00
		62	5310		19.54	21.00
	U-NII-2C	102	5510		17.18	19.00
		110	5550		17.06	19.00
		118	5590		17.05	19.00
		126	5630		17.22	19.00
		134	5670		17.65	19.00
		142	5710		17.71	19.00
	U-NII-3	151	5755		19.76	21.00
		159	5795		19.74	21.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	18.94	20.50
	U-NII-2A	58	5290		19.35	20.50
	U-NII-2C	106	5530		17.50	19.00
		122	5610		17.34	19.00
	U-NII-3	138	5690		17.98	19.00
		155	5775		19.60	20.50

WIFI 5G MIMO Receiver On						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	15.87	17.00
		40	5200		15.98	17.00
		44	5220		15.93	17.00
		48	5240		15.82	17.00
	U-NII-2A	52	5260		15.72	17.00
		56	5280		15.70	17.00
		60	5300		15.74	17.00
		64	5320		15.69	17.00
	U-NII-2C	100	5500		16.72	17.50
		104	5520		16.75	17.50
		108	5540		16.74	17.50
		112	5560		16.82	17.50
		116	5580		16.90	17.50
		120	5600		16.81	17.50
		124	5620		16.80	17.50
		128	5640		16.84	17.50
		132	5660		16.85	17.50
		136	5680		16.75	17.50
		140	5700		16.88	17.50
		144	5720		16.78	17.50
	U-NII-3	149	5745		19.38	19.50
		153	5765		19.37	19.50
		157	5785		19.47	19.50
		161	5805		19.44	19.50
		165	5825		19.41	19.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.16	17.00
		40	5200		15.15	17.00
		44	5220		15.19	17.00
		48	5240		15.19	17.00
	U-NII-2A	52	5260		15.25	17.00
		56	5280		15.31	17.00
		60	5300		15.33	17.00
		64	5320		15.33	17.00
	U-NII-2C	100	5500		15.59	17.50
		104	5520		15.56	17.50
		108	5540		15.61	17.50
		112	5560		15.66	17.50
		116	5580		15.63	17.50
		120	5600		15.63	17.50
		124	5620		15.64	17.50
		128	5640		15.67	17.50
		132	5660		15.73	17.50
		136	5680		15.59	17.50
		140	5700		15.66	17.50
		144	5720		15.58	17.50
	U-NII-3	149	5745		18.43	19.50
		153	5765		18.45	19.50
		157	5785		18.48	19.50
		161	5805		18.50	19.50
		165	5825		18.55	19.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	15.20	17.00
		46	5230		15.43	17.00
	U-NII-2A	54	5270		15.47	17.00
		62	5310		15.64	17.00

		102	5510		15.82	17.50
		110	5550		15.71	17.50
		118	5590		15.62	17.50
		126	5630		15.84	17.50
		134	5670		16.27	17.50
		142	5710		16.32	17.50
		151	5755		18.45	19.50
		159	5795		18.43	19.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	15.17	17.00
		40	5200		15.10	17.00
		44	5220		15.16	17.00
		48	5240		15.16	17.00
	U-NII-2A	52	5260		15.42	17.00
		56	5280		15.42	17.00
		60	5300		15.41	17.00
		64	5320		15.40	17.00
	U-NII-2C	100	5500		15.61	17.50
		104	5520		15.64	17.50
		108	5540		15.62	17.50
		112	5560		15.64	17.50
		116	5580		15.61	17.50
		120	5600		15.58	17.50
		124	5620		15.57	17.50
		128	5640		15.62	17.50
		132	5660		15.69	17.50
		136	5680		15.63	17.50
		140	5700		15.61	17.50
		144	5720		15.61	17.50
	U-NII-3	149	5745		18.53	19.50
		153	5765		18.52	19.50
		157	5785		18.56	19.50
		161	5805		18.57	19.50
		165	5825		18.64	19.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	15.19	17.00
		46	5230		15.44	17.00
	U-NII-2A	54	5270		15.47	17.00
		62	5310		15.67	17.00
	U-NII-2C	102	5510		15.81	17.50
		110	5550		15.67	17.50
		118	5590		15.71	17.50
		126	5630		15.83	17.50
		134	5670		16.26	17.50
		142	5710		16.35	17.50
	U-NII-3	151	5755		18.45	19.50
		159	5795		18.43	19.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	15.47	17.00
	U-NII-2A	58	5290		15.68	17.00
	U-NII-2C	106	5530		16.03	17.50
		122	5610		15.88	17.50
		138	5690		16.54	17.50
	U-NII-3	155	5775		18.58	19.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	15.18	17.00
		40	5200		15.13	17.00
		44	5220		15.12	17.00
		48	5240		15.10	17.00

	U-NII-2A	52	5260		16.39	17.00
		56	5280		16.41	17.00
		60	5300		16.41	17.00
		64	5320		16.36	17.00
	U-NII-2C	100	5500		15.71	17.50
		104	5520		15.74	17.50
		108	5540		15.74	17.50
		112	5560		15.84	17.50
		116	5580		15.81	17.50
		120	5600		15.80	17.50
		124	5620		15.77	17.50
		128	5640		15.82	17.50
		132	5660		15.89	17.50
		136	5680		15.72	17.50
		140	5700		15.81	17.50
		144	5720		15.74	17.50
	U-NII-3	149	5745		18.71	19.50
		153	5765		18.72	19.50
		157	5785		18.72	19.50
		161	5805		18.77	19.50
		165	5825		18.81	19.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	15.13	17.00
		46	5230		15.38	17.00
	U-NII-2A	54	5270		15.41	17.00
		62	5310		15.61	17.00
	U-NII-2C	102	5510		15.75	17.50
		110	5550		15.64	17.50
		118	5590		15.62	17.50
		126	5630		15.79	17.50
		134	5670		16.21	17.50
		142	5710		16.28	17.50
	U-NII-3	151	5755		18.35	19.50
		159	5795		18.33	19.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	15.50	17.00
	U-NII-2A	58	5290		15.92	17.00
	U-NII-2C	106	5530		16.06	17.50
		122	5610		15.93	17.50
		138	5690		16.56	17.50
	U-NII-3	155	5775		18.68	19.50

WIFI 5G MIMO Receiver On Simultaneous Transmission						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	9.22	10.50
		40	5200		9.35	10.50
		44	5220		9.22	10.50
		48	5240		9.09	10.50
	U-NII-2A	52	5260		8.94	10.50
		56	5280		8.93	10.50
		60	5300		8.97	10.50
		64	5320		8.89	10.50
	U-NII-2C	100	5500		9.92	11.00
		104	5520		10.01	11.00
		108	5540		9.99	11.00
		112	5560		10.10	11.00
		116	5580		10.12	11.00
		120	5600		10.11	11.00
		124	5620		10.05	11.00
		128	5640		9.99	11.00
		132	5660		10.09	11.00
		136	5680		9.90	11.00
		140	5700		10.04	11.00
		144	5720		10.04	11.00
	U-NII-3	149	5745		12.57	13.00
		153	5765		12.67	13.00
		157	5785		12.68	13.00
		161	5805		12.60	13.00
		165	5825		12.64	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	8.65	10.50
		40	5200		8.53	10.50
		44	5220		8.75	10.50
		48	5240		8.64	10.50
	U-NII-2A	52	5260		8.65	10.50
		56	5280		8.74	10.50
		60	5300		8.76	10.50
		64	5320		8.78	10.50
	U-NII-2C	100	5500		9.13	11.00
		104	5520		9.06	11.00
		108	5540		9.07	11.00
		112	5560		9.17	11.00
		116	5580		9.04	11.00

		120	5600		9.05	11.00
		124	5620		9.03	11.00
		128	5640		9.11	11.00
		132	5660		9.18	11.00
		136	5680		9.03	11.00
		140	5700		9.19	11.00
		144	5720		9.02	11.00
	U-NII-3	149	5745		11.94	13.00
		153	5765		11.84	13.00
		157	5785		11.92	13.00
		161	5805		11.92	13.00
		165	5825		12.02	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	8.50	10.50
		46	5230		8.80	10.50
	U-NII-2A	54	5270		8.89	10.50
		62	5310		8.89	10.50
	U-NII-2C	102	5510		9.08	11.00
		110	5550		9.01	11.00
		118	5590		9.01	11.00
		126	5630		9.20	11.00
		134	5670		9.47	11.00
		142	5710		9.61	11.00
	U-NII-3	151	5755		11.70	13.00
		159	5795		11.79	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	8.79	10.50
		40	5200		8.71	10.50
		44	5220		8.53	10.50
		48	5240		8.99	10.50
	U-NII-2A	52	5260		8.99	10.50
		56	5280		8.99	10.50
		60	5300		8.94	10.50
		64	5320		9.11	10.50
	U-NII-2C	100	5500		9.28	11.00
		104	5520		9.07	11.00
		108	5540		9.03	11.00
		112	5560		9.07	11.00
		116	5580		9.05	11.00
		120	5600		9.09	11.00
		124	5620		9.15	11.00
		128	5640		9.16	11.00

		132	5660		9.15	11.00
		136	5680		9.19	11.00
		140	5700		9.10	11.00
		144	5720		9.11	11.00
	U-NII-3	149	5745		12.02	13.00
		153	5765		12.01	13.00
		157	5785		12.22	13.00
		161	5805		12.00	13.00
		165	5825		11.93	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	8.53	10.50
		46	5230		8.63	10.50
	U-NII-2A	54	5270		8.83	10.50
		62	5310		8.87	10.50
	U-NII-2C	102	5510		9.12	11.00
		110	5550		9.06	11.00
		118	5590		9.04	11.00
		126	5630		9.06	11.00
		134	5670		9.51	11.00
		142	5710		9.60	11.00
	U-NII-3	151	5755		11.71	13.00
		159	5795		11.72	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	8.77	10.50
	U-NII-2A	58	5290		9.10	10.50
	U-NII-2C	106	5530		9.30	11.00
		122	5610		9.18	11.00
		138	5690		9.76	11.00
	U-NII-3	155	5775		11.89	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	8.64	10.50
		40	5200		8.61	10.50
		44	5220		8.57	10.50
		48	5240		8.58	10.50
	U-NII-2A	52	5260		8.82	10.50
		56	5280		8.90	10.50
		60	5300		8.85	10.50
		64	5320		8.81	10.50
	U-NII-2C	100	5500		9.18	11.00
		104	5520		9.25	11.00
		108	5540		9.18	11.00

		112	5560		9.33	11.00
		116	5580		9.27	11.00
		120	5600		9.26	11.00
		124	5620		9.23	11.00
		128	5640		9.34	11.00
		132	5660		9.37	11.00
		136	5680		9.14	11.00
		140	5700		9.27	11.00
		144	5720		9.22	11.00
	U-NII-3	149	5745		12.14	13.00
		153	5765		12.12	13.00
		157	5785		12.17	13.00
		161	5805		12.19	13.00
		165	5825		12.26	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	8.63	10.50
		46	5230		8.89	10.50
	U-NII-2A	54	5270		8.89	10.50
		62	5310		9.08	10.50
	U-NII-2C	102	5510		9.16	11.00
		110	5550		9.04	11.00
		118	5590		9.12	11.00
		126	5630		9.23	11.00
		134	5670		9.68	11.00
		142	5710		9.78	11.00
	U-NII-3	151	5755		11.79	13.00
		159	5795		11.73	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	8.95	10.50
	U-NII-2A	58	5290		9.37	10.50
	U-NII-2C	106	5530		9.49	11.00
		122	5610		9.36	11.00
		138	5690		9.94	11.00
	U-NII-3	155	5775		12.14	13.00

WIFI 5G MIMO Receiver Off Simultaneous Transmission						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	21.30	22.50
		40	5200		21.57	22.50
		44	5220		21.40	22.50
		48	5240		21.22	22.50
	U-NII-2A	52	5260		20.14	21.50
		56	5280		20.15	21.50
		60	5300		20.14	21.50
		64	5320		20.11	21.50
	U-NII-2C	100	5500		16.68	17.00
		104	5520		16.71	17.50
		108	5540		16.67	17.00
		112	5560		16.80	17.00
		116	5580		16.86	17.00
		120	5600		16.79	17.00
		124	5620		16.73	17.00
		128	5640		16.85	17.00
		132	5660		16.72	17.00
		136	5680		16.68	17.00
		140	5700		16.80	17.00
		144	5720		16.75	17.00
	U-NII-3	149	5745		18.83	19.00
		153	5765		18.78	19.00
		157	5785		18.98	19.00
		161	5805		18.91	19.00
		165	5825		18.89	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	20.59	22.50
		40	5200		20.57	22.50
		44	5220		20.61	22.50
		48	5240		20.61	22.50
	U-NII-2A	52	5260		19.67	21.50
		56	5280		19.72	21.50
		60	5300		19.75	21.50
		64	5320		19.75	21.50
	U-NII-2C	100	5500		15.58	17.00
		104	5520		15.50	17.00
		108	5540		15.59	17.00
		112	5560		15.63	17.00
		116	5580		15.61	17.00

		120	5600		15.56	17.00
		124	5620		15.51	17.00
		128	5640		15.66	17.00
		132	5660		15.69	17.00
		136	5680		15.61	17.00
		140	5700		15.54	17.00
		144	5720		15.56	17.00
	U-NII-3	149	5745		17.92	19.00
		153	5765		17.92	19.00
		157	5785		17.92	19.00
		161	5805		17.88	19.00
		165	5825		18.05	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	19.63	21.50
		46	5230		19.86	21.50
	U-NII-2A	54	5270		19.40	21.00
		62	5310		19.59	21.00
	U-NII-2C	102	5510		15.24	16.50
		110	5550		15.16	16.50
		118	5590		15.12	16.50
		126	5630		15.29	16.50
		134	5670		15.71	16.50
		142	5710		15.79	16.50
	U-NII-3	151	5755		17.39	18.50
		159	5795		17.37	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	20.60	22.50
		40	5200		20.55	22.50
		44	5220		20.57	22.50
		48	5240		20.61	22.50
	U-NII-2A	52	5260		19.84	21.50
		56	5280		19.85	21.50
		60	5300		19.85	21.50
		64	5320		19.81	21.50
	U-NII-2C	100	5500		15.60	17.00
		104	5520		15.65	17.00
		108	5540		15.58	17.00
		112	5560		15.61	17.00
		116	5580		15.60	17.00
		120	5600		15.56	17.00
		124	5620		15.53	17.00
		128	5640		15.52	17.00

		132	5660		15.67	17.00
		136	5680		15.59	17.00
		140	5700		15.56	17.00
		144	5720		15.59	17.00
	U-NII-3	149	5745		17.98	19.00
		153	5765		17.98	19.00
		157	5785		18.03	19.00
		161	5805		18.01	19.00
		165	5825		18.10	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	19.62	21.50
		46	5230		19.85	21.50
	U-NII-2A	54	5270		19.40	21.00
		62	5310		19.59	21.00
	U-NII-2C	102	5510		15.26	16.50
		110	5550		15.18	16.50
		118	5590		15.22	16.50
		126	5630		15.29	16.50
		134	5670		15.68	16.50
		142	5710		15.74	16.50
	U-NII-3	151	5755		17.40	18.50
		159	5795		17.36	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	18.91	20.50
	U-NII-2A	58	5290		19.31	20.50
	U-NII-2C	106	5530		15.43	16.50
		122	5610		15.34	16.50
		138	5690		15.96	16.50
	U-NII-3	155	5775		17.05	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	20.59	22.50
		40	5200		20.54	22.50
		44	5220		20.56	22.50
		48	5240		20.55	22.50
	U-NII-2A	52	5260		20.83	22.50
		56	5280		20.84	22.50
		60	5300		20.84	22.50
		64	5320		20.80	22.50
	U-NII-2C	100	5500		15.65	17.00
		104	5520		15.73	17.00
		108	5540		15.69	17.00

		112	5560		15.77	17.00
		116	5580		15.82	17.00
		120	5600		15.74	17.00
		124	5620		15.70	17.00
		128	5640		15.73	17.00
		132	5660		15.82	17.00
		136	5680		15.68	17.00
		140	5700		15.69	17.00
		144	5720		15.69	17.00
	U-NII-3	149	5745		18.20	19.00
		153	5765		18.13	19.00
		157	5785		18.20	19.00
		161	5805		18.24	19.00
		165	5825		18.32	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	19.58	21.50
		46	5230		19.81	21.50
	U-NII-2A	54	5270		19.35	21.00
		62	5310		19.54	21.00
	U-NII-2C	102	5510		15.20	16.50
		110	5550		15.08	16.50
		118	5590		15.08	16.50
		126	5630		15.22	16.50
		134	5670		15.66	16.50
		142	5710		15.74	16.50
	U-NII-3	151	5755		17.26	18.50
		159	5795		17.28	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	18.94	20.50
	U-NII-2A	58	5290		19.35	20.50
	U-NII-2C	106	5530		15.55	16.50
		122	5610		15.40	16.50
		138	5690		15.97	16.50
	U-NII-3	155	5775		17.14	18.00

WIFI 5G MIMO Hotspot On Simultaneous Transmission						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	18.31	19.50
		40	5200		18.62	19.50
		44	5220		18.42	19.50
		48	5240		18.28	19.50
	U-NII-3	149	5745		15.83	16.00
		153	5765		15.78	16.00
		157	5785		15.98	16.00
		161	5805		15.95	16.00
		165	5825		15.89	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	17.62	19.50
		40	5200		17.58	19.50
		44	5220		17.61	19.50
		48	5240		17.65	19.50
	U-NII-3	149	5745		14.88	16.00
		153	5765		14.90	16.00
		157	5785		14.99	16.00
		161	5805		14.99	16.00
		165	5825		15.04	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	16.72	18.50
		46	5230		16.89	18.50
	U-NII-3	151	5755		14.39	15.50
		159	5795		14.37	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	17.67	19.50
		40	5200		17.54	19.50
		44	5220		17.57	19.50
		48	5240		17.62	19.50
	U-NII-3	149	5745		14.99	16.00
		153	5765		14.98	16.00
		157	5785		15.03	16.00
		161	5805		15.01	16.00
		165	5825		15.10	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	16.70	18.50
		46	5230		16.86	18.50

	U-NII-3	151	5755		14.42	15.50
		159	5795		14.34	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	15.93	17.50
	U-NII-3	155	5775		14.06	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	17.60	19.50
		40	5200		17.55	19.50
		44	5220		17.61	19.50
		48	5240		17.50	19.50
	U-NII-3	149	5745		15.16	16.00
		153	5765		15.13	16.00
		157	5785		15.19	16.00
		161	5805		15.19	16.00
		165	5825		15.25	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	16.62	18.50
		46	5230		16.87	18.50
	U-NII-3	151	5755		14.29	15.50
		159	5795		14.24	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	15.92	17.50
	U-NII-3	155	5775		14.09	15.00

14.2 Conducted Power of Bluetooth ANT6

BT Full power		Average Conducted Power(dBm)			Tune Up
Band	Channel	0	39	78	
BT	GFSK	17.52	18.19	17.93	19.00
	$\pi/4$ DQPSK	14.40	16.41	15.03	16.50
	8DPSK	14.44	14.45	15.08	16.50
Band	Channel	0	19	39	Tune Up
BLE 1M	GFSK	5.52	6.75	6.13	10.00
BLE 2M	GFSK	5.50	6.72	6.11	10.00

BT Receiver On Simultaneous Transmission Tune Up		Average Conducted Power(dBm)			Tune Up
Band	Channel	0	39	78	
BT	GFSK	12.01	12.76	12.51	13.50
	$\pi/4$ DQPSK	11.46	13.38	12.08	13.50
	8DPSK	11.45	11.51	12.12	13.50
Band	Channel	0	19	39	Tune Up
BLE 1M	GFSK	5.52	6.75	6.13	10.00
BLE 2M	GFSK	5.50	6.72	6.11	10.00

BT Hotspot On Simultaneous Transmission		Average Conducted Power(dBm)			Tune Up
Band	Channel	0	39	78	
BT	GFSK	15.54	16.20	15.93	17.00
	$\pi/4$ DQPSK	14.40	16.41	15.03	16.50
	8DPSK	14.44	14.45	15.08	16.50
Band	Channel	0	19	39	Tune Up
BLE 1M	GFSK	5.52	6.75	6.13	10.00
BLE 2M	GFSK	5.50	6.72	6.11	10.00

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BT		Average Conducted Power(dBm)			Tune Up
Band	Channel	0	39	78	
BT	GFSK	17.68	18.25	18.03	19.00
	$\pi/4$ DQPSK	14.77	15.21	14.61	16.50
	8DPSK	14.65	15.16	14.56	16.50
Band	Channel	0	19	39	Tune Up
BLE 1M	GFSK	8.32	8.76	8.03	10.00
BLE 2M	GFSK	8.14	8.74	8.02	10.00

BT Receiver On Simultaneous Transmission Tune Up		Average Conducted Power(dBm)			Tune Up
Band	Channel	0	39	78	
BT	GFSK	12.17	12.72	12.55	13.50
	$\pi/4$ DQPSK	11.74	12.18	11.61	13.50
	8DPSK	11.69	12.24	11.56	13.50
Band	Channel	0	19	39	Tune Up
BLE 1M	GFSK	8.32	8.76	8.03	10.00
BLE 2M	GFSK	8.14	8.74	8.02	10.00

BT Hotspot On Simultaneous Transmission		Average Conducted Power(dBm)			Tune Up
Band	Channel	0	39	78	
BT	GFSK	15.63	16.23	16.03	17.00
	$\pi/4$ DQPSK	14.77	15.21	14.61	16.50
	8DPSK	14.65	15.16	14.56	16.50
Band	Channel	0	19	39	Tune Up
BLE 1M	GFSK	8.32	8.76	8.03	10.00
BLE 2M	GFSK	8.14	8.74	8.02	10.00