

2.4 Conducted Power of NR (Ant5)

N7_15kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
				2510	2535	2560	
20MHz	DFT-s-OFDM QPSK	1	1	23.04	23.15	23.05	24.00
		1	53	22.94	23.03	22.91	24.00
		1	104	22.87	23.01	22.92	24.00
		50	0	22.02	22.07	22.04	23.00
		50	28	22.98	23.01	22.89	24.00
		50	56	22.11	22.13	22.05	23.00
		100	0	21.90	22.02	21.94	23.00
	DFT-s-OFDM 16QAM	1	1	21.96	22.01	21.94	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	502000	507000	512000	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	24.00

N7_15kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
				2510	2535	2560	
20MHz	DFT-s-OFDM QPSK	1	1	20.58	20.71	20.51	21.50
		1	53	20.51	20.55	20.44	21.50
		1	104	20.45	20.56	20.44	21.50
		50	0	19.53	19.64	19.54	20.50
		50	28	20.51	20.55	20.53	21.50
		50	56	19.69	19.72	19.63	20.50
		100	0	19.43	19.50	19.43	20.50
	DFT-s-OFDM 16QAM	1	1	19.40	19.51	19.48	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	502000	507000	512000	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	21.50

N30_15kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
				/	2310	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	23.36	/	24.00
		1	26	/	23.25	/	24.00
		1	50	/	23.16	/	24.00
		25	0	/	22.28	/	23.00
		25	14	/	23.22	/	24.00
		25	27	/	22.29	/	23.00
		50	0	/	22.23	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	22.21	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	CP-OFDM QPSK	1	1	/	166300	/	22.50

N30_15kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
				/	2310	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	19.35	/	20.00
		1	26	/	19.21	/	20.00
		1	50	/	19.13	/	20.00
		25	0	/	18.35	/	19.00
		25	14	/	19.20	/	20.00
		25	27	/	18.30	/	19.00
		50	0	/	18.26	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.25	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	CP-OFDM QPSK	1	1	/	166300	/	18.50

N38_30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	23.34	/	24.00
		1	53	/	23.21	/	24.00
		1	104	/	23.23	/	24.00
		50	0	/	22.23	/	23.00
		50	28	/	23.19	/	24.00
		50	56	/	22.25	/	23.00
		100	0	/	22.22	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	22.26	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	519000	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	519000	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	519000	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	23.10	23.24	23.08	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.13	23.23	23.15	24.00

N38_30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.44	/	22.00
		1	53	/	21.22	/	22.00
		1	104	/	21.26	/	22.00
		50	0	/	20.20	/	21.00
		50	28	/	21.18	/	22.00
		50	56	/	20.32	/	21.00
		100	0	/	20.25	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.33	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	19.76	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	21.23	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.27	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	21.17	21.34	21.03	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	21.07	21.29	21.05	22.00

N41 PC3_30kHz full power				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
				/	/	2592.99	/	/
100MHz	DFT-s-OFDM QPSK	1	1	/	/	23.28	/	/
		1	137	/	/	23.14	/	/
		1	271	/	/	23.07	/	/
		135	0	/	/	22.12	/	/
		135	69	/	/	23.07	/	/
		135	138	/	/	22.15	/	/
		270	0	/	/	22.18	/	/
	DFT-s-OFDM 16QAM	1	1	/	/	22.18	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
100MHz	CP-OFDM QPSK	1	1	/	/	21.76	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
90MHz	DFT-s-OFDM	1	1	/	/	23.18	/	/

	QPSK								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	23.17	/	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	23.15	/	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.04	23.03	23.15	23.04	23.05	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	23.03	23.05	23.15	22.99	23.05	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	22.99	22.98	23.13	22.99	23.05	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	23.02	23.07	23.17	23.07	23.05	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.03	23.05	23.15	22.98	23.03	24.00

N41 PC3_30kHz Receiver on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	21.35	/	/	22.00
		1	137	/	/	21.21	/	/	22.00
		1	271	/	/	21.17	/	/	22.00
		135	0	/	/	20.15	/	/	21.00
		135	69	/	/	21.05	/	/	22.00
		135	138	/	/	20.14	/	/	21.00
		270	0	/	/	20.22	/	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	/	20.23	/	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	19.74	/	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	21.10	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	21.22	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	21.19	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up

				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.06	20.99	21.21	21.11	21.05	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.02	21.09	21.24	21.05	21.10	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.02	21.06	21.23	21.13	21.01	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.99	21.01	21.20	21.03	21.00	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.02	21.00	21.17	21.13	21.08	22.00

N41 PC2 30kHz full power				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	26.22	/	/	27.00
		1	137	/	/	26.17	/	/	27.00
		1	271	/	/	26.10	/	/	27.00
		135	0	/	/	22.62	/	/	23.50
		135	69	/	/	26.17	/	/	27.00
		135	138	/	/	22.63	/	/	23.50
		270	0	/	/	25.12	/	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	/	25.13	/	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	24.65	/	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	26.19	/	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	26.20	/	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	26.16	/	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	26.16	26.08	26.08	26.14	26.06	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	26.17	26.13	26.16	26.14	26.11	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-	1	1	26.12	26.09	26.14	26.20	26.12	27.00

	OFDM QPSK								
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	26.20	26.09	26.10	26.17	26.07	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	26.21	26.13	26.09	26.16	26.11	27.00

N41 PC2 30kHz Receiver on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	21.18	/	/	22.00
		1	137	/	/	21.16	/	/	22.00
		1	271	/	/	21.17	/	/	22.00
		135	0	/	/	17.65	/	/	18.50
		135	69	/	/	21.16	/	/	22.00
		135	138	/	/	17.59	/	/	18.50
		270	0	/	/	20.10	/	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	/	20.23	/	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	19.62	/	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	21.11	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	21.04	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	21.11	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.18	21.08	21.04	21.23	21.05	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	21.23	21.17	21.06	21.18	21.15	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	21.19	21.17	21.05	21.23	21.03	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	21.13	21.09	21.15	21.22	21.13	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	21.20	21.09	21.05	21.22	21.10	22.00

N41 PC2 30kHz Sensor on/Hotspot on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	24.96	/	/	25.50
		1	137	/	/	24.81	/	/	25.50
		1	271	/	/	24.76	/	/	25.50
		135	0	/	/	21.35	/	/	22.00
		135	69	/	/	24.78	/	/	25.50
		135	138	/	/	21.26	/	/	22.00
		270	0	/	/	23.74	/	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	/	23.79	/	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	23.14	/	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	24.57	/	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	24.60	/	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	24.63	/	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	24.74	24.68	24.66	24.74	24.54	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	24.64	24.66	24.61	24.67	24.62	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	24.68	24.58	24.64	24.61	24.65	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	24.68	24.56	24.65	24.68	24.55	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	24.70	24.66	24.55	24.71	24.65	25.50

2.5 Conducted Power of NR (Ant6)

N48 30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641666	/	
				/	3624.99	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	23.03	/	24.00
		1	53	/	22.77	/	24.00
		1	104	/	22.92	/	24.00
		50	0	/	21.86	/	23.00
		50	28	/	22.83	/	24.00
		50	56	/	22.01	/	23.00
		100	0	/	21.89	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.76	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	21.41	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	22.90	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	637333	641666	646000	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	637000	641666	646333	24.00

N48 30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641666	/	
				/	3624.99	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	13.35	/	14.00
		1	53	/	13.14	/	14.00
		1	104	/	13.13	/	14.00
		50	0	/	12.19	/	13.00
		50	28	/	13.13	/	14.00
		50	56	/	12.27	/	13.00
		100	0	/	12.11	/	13.00
	DFT-s-OFDM 16QAM	1	1	/	12.15	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	11.42	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	12.87	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	637333	641666	646000	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	637000	641666	646333	14.00

N48 30kHz Sensor on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641666	/	
				/	3624.99	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.12	/	21.00
		1	53	/	19.78	/	21.00
		1	104	/	19.91	/	21.00
		50	0	/	18.86	/	20.00
		50	28	/	19.90	/	21.00
		50	56	/	19.02	/	20.00
		100	0	/	18.98	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	18.80	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641666	/	
40MHz	CP-OFDM QPSK	1	1	/	18.41	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641666	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	19.99	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637333	641666	646000	
20MHz	DFT-s-OFDM QPSK	1	1	19.95	19.97	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646333	
10MHz	DFT-s-OFDM QPSK	1	1	19.98	20.03	19.85	21.00

N77 PC3 30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.48	/	24.00
		1	137	/	22.24	/	24.00
		1	271	/	22.24	/	24.00
		135	0	/	21.38	/	23.00
		135	69	/	22.20	/	24.00
		135	138	/	21.50	/	23.00
		270	0	/	21.39	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.26	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.73	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.25	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.15	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.25	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM	1	1	22.11	22.16	22.20	24.00

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.21	22.23	22.15	24.00

N77 PC3 30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	13.06	/	14.50
		1	137	/	12.80	/	14.50
		1	271	/	12.74	/	14.50
		135	0	/	11.87	/	13.50
		135	69	/	12.79	/	14.50
		135	138	/	12.06	/	13.50
		270	0	/	11.91	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	11.74	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	11.27	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	12.73	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	12.73	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	12.70	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	12.68	12.64	12.73	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	12.57	12.68	12.78	14.50

N77 PC3 30kHz Sensor on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	20.46	/	22.00
		1	137	/	20.20	/	22.00
		1	271	/	20.30	/	22.00
		135	0	/	19.33	/	21.00
		135	69	/	20.28	/	22.00
		135	138	/	19.45	/	21.00
		270	0	/	19.47	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	19.31	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	18.76	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up

80MHz	DFT-s-OFDM QPSK	1	1	/	20.25	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.23	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.17	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	20.14	20.26	20.28	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.12	20.15	20.16	22.00

N77 PC3_30kHz Body worn&Hotspot for Simultaneous ULCA&ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.46	/	19.00
		1	137	/	17.16	/	19.00
		1	271	/	17.25	/	19.00
		135	0	/	16.36	/	18.00
		135	69	/	17.27	/	19.00
		135	138	/	16.42	/	18.00
		270	0	/	16.42	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	16.29	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.77	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.22	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	17.21	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.22	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	17.09	17.23	17.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.13	17.25	17.30	19.00

N77 PC2_30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	25.42	/	27.00
		1	137	/	25.21	/	27.00
		1	271	/	25.28	/	27.00
		135	0	/	21.76	/	23.50
		135	69	/	25.16	/	27.00
		135	138	/	21.75	/	23.50
		270	0	/	24.31	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.27	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	23.86	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.35	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.28	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	25.22	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	25.11	25.20	25.16	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.23	25.25	25.20	27.00

N77 PC2 30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	13.37	/	14.50
		1	137	/	13.13	/	14.50
		1	271	/	13.19	/	14.50
		135	0	/	9.70	/	11.00
		135	69	/	13.12	/	14.50
		135	138	/	9.72	/	11.00
		270	0	/	12.18	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	12.26	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	11.26	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	12.77	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	12.84	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	12.77	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	12.62	12.80	12.89	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	12.64	12.79	12.75	14.50

N77 PC2 30kHz Sensor on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.47	/	22.00
		1	137	/	20.26	/	22.00
		1	271	/	20.36	/	22.00
		135	0	/	16.85	/	18.50
		135	69	/	20.13	/	22.00
		135	138	/	16.83	/	18.50
		270	0	/	19.33	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	19.37	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.89	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	20.17	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.29	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.27	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	20.15	20.18	20.16	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.20	20.26	20.21	22.00

N77 PC2_30kHz Body worn&Hotspot for Simultaneous ULCA&ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.43	/	19.00
		1	137	/	17.29	/	19.00
		1	271	/	17.38	/	19.00
		135	0	/	13.82	/	15.50
		135	69	/	17.10	/	19.00
		135	138	/	13.87	/	15.50
		270	0	/	16.37	/	18.00

	DFT-s-OFDM 16QAM	1	1	/	16.33	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.12	17.20	17.11	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.18	17.14	17.16	19.00

N77 PC3 30kHz full power					Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				650000	/	/	/	/	662000
				3750.00	/	/	/	/	3930.00
100MHz	DFT-s-OFDM QPSK	1	1	22.52	/	/	/	/	22.45
		1	137	22.31	/	/	/	/	22.33
		1	271	22.36	/	/	/	/	22.31
		135	0	21.35	/	/	/	/	21.32
		135	69	22.32	/	/	/	/	22.32
		135	138	21.43	/	/	/	/	21.43
		270	0	21.31	/	/	/	/	21.33
	DFT-s-OFDM 16QAM	1	1	21.32	/	/	/	/	21.34
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	21.03	/	/	/	/	20.98
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
80MHz	DFT-s-OFDM QPSK	1	1	22.26	22.33	22.33	22.33	22.26	22.29
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
60MHz	DFT-s-OFDM QPSK	1	1	22.20	22.32	22.23	22.43	22.19	22.23
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
40MHz	DFT-s-OFDM QPSK	1	1	22.28	22.29	22.29	22.33	22.15	22.23
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
30MHz	DFT-s-OFDM QPSK	1	1	22.20	22.32	22.25	22.40	22.23	22.23

Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	
20MHz	DFT-s-OFDM QPSK	1	1	22.25	22.33	22.22	22.41	22.25	22.19	

N77 PC3 30kHz Receiver on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	
				3750.00	/	/	/	/	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	13.02	/	/	/	/	12.94	
		1	137	12.85	/	/	/	/	12.78	
		1	271	12.75	/	/	/	/	12.76	
		135	0	11.95	/	/	/	/	11.84	
		135	69	12.81	/	/	/	/	12.81	
		135	138	12.02	/	/	/	/	11.95	
		270	0	11.84	/	/	/	/	11.85	
	DFT-s-OFDM 16QAM	1	1	11.95	/	/	/	/	11.83	
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	
100MHz	CP-OFDM QPSK	1	1	11.41	/	/	/	/	11.42	
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	
80MHz	DFT-s-OFDM QPSK	1	1	12.69	12.73	12.77	12.90	12.66	12.73	
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	
60MHz	DFT-s-OFDM QPSK	1	1	12.82	12.72	12.80	12.80	12.67	12.82	
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	
40MHz	DFT-s-OFDM QPSK	1	1	12.71	12.73	12.78	12.94	12.69	12.77	
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	
30MHz	DFT-s-OFDM QPSK	1	1	12.72	12.73	12.77	12.90	12.75	12.78	
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	
20MHz	DFT-s-OFDM QPSK	1	1	12.79	12.69	12.78	12.89	12.78	12.81	

N77 PC3 30kHz Sensor on/Hotspot on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	
				3750.00	/	/	/	/	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	20.52	/	/	/	/	20.45	
		1	137	20.31	/	/	/	/	20.43	
		1	271	20.46	/	/	/	/	20.38	
		135	0	19.35	/	/	/	/	19.29	
		135	69	20.33	/	/	/	/	20.34	
		135	138	19.46	/	/	/	/	19.40	
		270	0	19.38	/	/	/	/	19.33	
	DFT-s-OFDM 16QAM	1	1	19.27	/	/	/	/	19.44	
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	
100MHz	CP-OFDM QPSK	1	1	19.12	/	/	/	/	19.09	
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	
80MHz	DFT-s-	1	1	20.36	20.30	20.29	20.30	20.29	20.35	

	OFDM QPSK									
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	
60MHz	DFT-s-OFDM QPSK	1	1	20.31	20.43	20.39	20.41	20.30	20.26	
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	
40MHz	DFT-s-OFDM QPSK	1	1	20.35	20.35	20.37	20.31	20.29	20.25	
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	
30MHz	DFT-s-OFDM QPSK	1	1	20.34	20.40	20.42	20.34	20.27	20.30	
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	
20MHz	DFT-s-OFDM QPSK	1	1	20.29	20.33	20.42	20.29	20.23	20.36	

N77 PC3 30kHz Body worn&Hotspot for Simultaneous ULCA&ENDC				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	
				3750.00	/	/	/	/	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	17.50	/	/	/	/	17.47	
		1	137	17.28	/	/	/	/	17.40	
		1	271	17.49	/	/	/	/	17.37	
		135	0	16.31	/	/	/	/	16.27	
		135	69	17.34	/	/	/	/	17.33	
		135	138	16.48	/	/	/	/	16.40	
		270	0	16.33	/	/	/	/	16.36	
	DFT-s-OFDM 16QAM	1	1	16.23	/	/	/	/	16.42	
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	
100MHz	CP-OFDM QPSK	1	1	16.08	/	/	/	/	16.15	
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	
80MHz	DFT-s-OFDM QPSK	1	1	17.34	17.26	17.32	17.27	17.33	17.32	
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	
60MHz	DFT-s-OFDM QPSK	1	1	17.31	17.32	17.33	17.31	17.31	17.32	
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	
40MHz	DFT-s-OFDM QPSK	1	1	17.37	17.32	17.30	17.31	17.31	17.37	
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	
30MHz	DFT-s-OFDM QPSK	1	1	17.38	17.29	17.30	17.28	17.31	17.31	
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	
20MHz	DFT-s-OFDM QPSK	1	1	17.33	17.28	17.27	17.32	17.26	17.38	

N77 PC2 30kHz full power				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	
				3750.00	/	/	/	/	3930.00	

100MHz	DFT-s-OFDM QPSK	1	1	25.50	/	/	/	/	25.41
		1	137	25.36	/	/	/	/	25.38
		1	271	25.34	/	/	/	/	25.32
		135	0	21.79	/	/	/	/	21.94
		135	69	25.44	/	/	/	/	25.39
		135	138	21.87	/	/	/	/	21.87
		270	0	24.30	/	/	/	/	24.37
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				650000	/	/	/	/	662000
100MHz	CP-OFDM QPSK	1	1	23.90	/	/	/	/	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				649334	652000	654668	657334	660000	662666
80MHz	DFT-s-OFDM QPSK	1	1	25.33	25.39	25.32	25.32	25.37	25.42
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648668	651600	654534	657468	660400	663332
60MHz	DFT-s-OFDM QPSK	1	1	25.31	25.41	25.33	25.31	25.40	25.35
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648000	651200	654400	657600	660800	664000
40MHz	DFT-s-OFDM QPSK	1	1	25.31	25.38	25.30	25.27	25.49	25.41
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				647666	651000	654334	657666	661000	664334
30MHz	DFT-s-OFDM QPSK	1	1	25.30	25.42	25.29	25.36	25.44	25.41
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				647334	650800	654268	657734	661200	664666
20MHz	DFT-s-OFDM QPSK	1	1	25.31	25.36	25.35	25.38	25.41	25.29

N77 PC2 30kHz Receiver on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				650000	/	/	/	/	662000
100MHz	DFT-s-OFDM QPSK	1	1	3750.00	/	/	/	/	3930.00
		1	137	13.18	/	/	/	/	13.08
		1	271	13.09	/	/	/	/	13.06
		1	271	12.98	/	/	/	/	13.02
		135	0	9.54	/	/	/	/	9.60
		135	69	13.09	/	/	/	/	13.10
		135	138	9.54	/	/	/	/	9.48
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648668	651600	654534	657468	660400	663332
80MHz	DFT-s-OFDM QPSK	1	1	12.87	12.85	12.79	12.78	12.90	12.87
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648668	651600	654534	657468	660400	663332
60MHz	DFT-s-OFDM QPSK	1	1	12.92	12.87	12.83	12.82	12.97	12.88
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648000	651200	654400	657600	660800	664000
40MHz	DFT-s-	1	1	12.94	12.92	12.80	12.84	12.87	12.79

	OFDM QPSK									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	12.82	12.88	12.80	12.73	12.92	12.88	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	12.93	12.91	12.81	12.87	12.89	12.90	

N77 PC2 30kHz Sensor on/Hotspot on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				650000	/	/	/	/	662000	
				3750.00	/	/	/	/	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	20.53	/	/	/	/	20.38	
		1	137	20.40	/	/	/	/	20.38	
		1	271	20.36	/	/	/	/	20.32	
		135	0	16.87	/	/	/	/	16.90	
		135	69	20.50	/	/	/	/	20.37	
		135	138	16.92	/	/	/	/	16.95	
		270	0	19.32	/	/	/	/	19.43	
	DFT-s-OFDM 16QAM	1	1	19.46	/	/	/	/	19.45	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				650000	/	/	/	/	662000	
100MHz	CP-OFDM QPSK	1	1	18.87	/	/	/	/	18.94	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	20.29	20.48	20.33	20.38	20.32	20.39	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	20.38	20.35	20.33	20.32	20.34	20.37	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	20.38	20.47	20.33	20.42	20.32	20.41	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	20.29	20.42	20.33	20.28	20.34	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	20.33	20.42	20.35	20.36	20.43	20.47	

N77 PC2 30kHz Body worn&Hotspot for Simultaneous ULCA&ENDC				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				650000	/	/	/	/	662000	
				3750.00	/	/	/	/	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	17.55	/	/	/	/	17.37	
		1	137	17.37	/	/	/	/	17.41	
		1	271	17.39	/	/	/	/	17.34	
		135	0	13.88	/	/	/	/	13.89	
		135	69	17.46	/	/	/	/	17.41	
		135	138	13.91	/	/	/	/	13.96	
		270	0	16.32	/	/	/	/	16.44	
	DFT-s-OFDM 16QAM	1	1	16.46	/	/	/	/	16.48	

Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel /	Channel /	Channel /	Channel /	Channel 662000	-
100MHz	CP-OFDM QPSK	1	1	15.85	/	/	/	/	15.85	-
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	-
80MHz	DFT-s- OFDM QPSK	1	1	17.25	17.49	17.30	17.36	17.27	17.38	-
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	-
60MHz	DFT-s- OFDM QPSK	1	1	17.30	17.50	17.29	17.39	17.30	17.38	-
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	-
40MHz	DFT-s- OFDM QPSK	1	1	17.31	17.45	17.36	17.40	17.30	17.34	-
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654334	Channel 657666	Channel 661000	Channel 664334	-
30MHz	DFT-s- OFDM QPSK	1	1	17.24	17.50	17.31	17.39	17.28	17.39	-
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	-
20MHz	DFT-s- OFDM QPSK	1	1	17.27	17.44	17.32	17.35	17.28	17.41	-

N78 PC3 30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s- OFDM QPSK	1	1	/	3500.01	/	24.00
		1	137	/	22.60	/	24.00
		1	271	/	22.38	/	24.00
		135	0	/	22.34	/	24.00
		135	69	/	21.42	/	23.00
		135	138	/	22.52	/	24.00
		135	270	/	21.54	/	23.00
	DFT-s- OFDM 16QAM	1	1	/	21.57	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.07	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s- OFDM QPSK	1	1	/	22.41	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s- OFDM QPSK	1	1	/	22.48	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s- OFDM QPSK	1	1	/	22.44	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s- OFDM QPSK	1	1	/	22.43	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
50MHz	DFT-s-	1	1	/	22.39	/	24.00

	OFDM QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.39	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.39	22.43	22.18	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.40	22.45	22.15	24.00

N78 PC3_30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	13.00	/	14.50
		1	137	/	12.91	/	14.50
		1	271	/	12.90	/	14.50
		135	0	/	12.02	/	13.50
		135	69	/	12.85	/	14.50
		135	138	/	12.04	/	13.50
		270	0	/	11.94	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	12.01	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	11.43	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	12.95	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	12.98	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	12.89	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	12.93	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	12.92	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	12.95	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	12.83	12.90	12.84	14.50

Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	12.75	12.87	12.72	14.50

N78 PC3_30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.66	/	22.00
		1	137	/	20.35	/	22.00
		1	271	/	20.35	/	22.00
		135	0	/	19.52	/	21.00
		135	69	/	20.53	/	22.00
		135	138	/	19.59	/	21.00
		270	0	/	19.56	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	19.55	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.16	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	20.53	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	20.46	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	20.49	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.51	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	20.41	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.46	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	20.44	20.45	20.14	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.42	20.46	20.24	22.00

N78 PC3_30kHz Body worn&Hotspot for Simultaneous ULCA&ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-	1	1	/	17.68	/	19.00

	OFDM QPSK	1	137	/	17.38	/	19.00
		1	271	/	17.37	/	19.00
		135	0	/	16.49	/	18.00
		135	69	/	17.51	/	19.00
		135	138	/	16.62	/	18.00
		270	0	/	16.57	/	18.00
	DFT-s- OFDM 16QAM	1	1	/	16.58	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.20	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s- OFDM QPSK	1	1	/	17.43	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s- OFDM QPSK	1	1	/	17.48	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s- OFDM QPSK	1	1	/	17.47	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s- OFDM QPSK	1	1	/	17.46	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s- OFDM QPSK	1	1	/	17.47	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s- OFDM QPSK	1	1	/	17.46	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s- OFDM QPSK	1	1	17.45	17.43	17.14	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s- OFDM QPSK	1	1	17.41	17.42	17.13	19.00

N78 PC2 30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s- OFDM QPSK	1	1	/	25.50	/	27.00
		1	137	/	25.40	/	27.00
		1	271	/	25.39	/	27.00
		135	0	/	21.91	/	23.50
		135	69	/	25.45	/	27.00
		135	138	/	21.94	/	23.50
		270	0	/	24.47	/	26.00
	DFT-s- OFDM 16QAM	1	1	/	24.46	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM	1	1	/	24.02	/	25.50

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	25.34	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.42	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	25.32	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.36	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	25.21	25.44	25.39	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	25.30	25.33	25.37	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	25.34	25.35	25.40	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.31	25.40	25.31	27.00

N78 PC2 30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	12.96	/	14.50
		1	137	/	12.90	/	14.50
		1	271	/	12.85	/	14.50
		135	0	/	9.37	/	11.00
		135	69	/	12.95	/	14.50
		135	138	/	9.41	/	11.00
		270	0	/	11.95	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	11.92	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	11.46	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	12.88	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	12.95	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	12.99	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	12.90	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	12.87	12.97	12.91	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	12.93	12.90	12.90	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	12.94	12.91	12.97	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	12.95	12.98	12.97	14.50

N78 PC2 30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.57	/	22.00
		1	137	/	20.47	/	22.00
		1	271	/	20.47	/	22.00
		135	0	/	16.87	/	18.50
		135	69	/	20.51	/	22.00
		135	138	/	16.93	/	18.50
		270	0	/	19.52	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	19.49	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.06	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	20.54	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	20.53	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	20.51	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.44	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-	1	1	20.25	20.51	20.48	22.00

	OFDM QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.17	20.51	20.47	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.24	20.53	20.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.31	20.39	20.43	22.00

N78 PC2_30kHz Body worn&Hotspot for Simultaneous ULCA&ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.55	/	19.00
		1	137	/	17.49	/	19.00
		1	271	/	17.46	/	19.00
		135	0	/	13.86	/	15.50
		135	69	/	17.52	/	19.00
		135	138	/	13.92	/	15.50
		270	0	/	16.53	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	16.50	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.01	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	17.54	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.53	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	17.54	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	17.51	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.23	17.46	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.23	17.51	17.44	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM	1	1	17.26	17.53	17.50	19.00

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.21	17.52	17.45	19.00

N78 PC3_30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.42	/	24.00
		1	137	/	22.30	/	24.00
		1	271	/	22.18	/	24.00
		135	0	/	21.24	/	23.00
		135	69	/	22.20	/	24.00
		135	138	/	21.36	/	23.00
		270	0	/	21.30	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.36	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	20.92	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	22.20	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.31	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	22.21	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.27	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	22.12	22.18	22.21	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	22.13	22.27	22.26	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	22.10	22.24	22.21	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	22.08	22.23	22.21	24.00

N78 PC3_30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-	1	1	/	12.94	/	14.50

	OFDM QPSK	1	137	/	12.76	/	14.50
		1	271	/	12.74	/	14.50
		135	0	/	11.82	/	13.50
		135	69	/	12.75	/	14.50
		135	138	/	11.82	/	13.50
		270	0	/	11.85	/	13.50
	DFT-s- OFDM 16QAM	1	1	/	11.79	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	11.37	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s- OFDM QPSK	1	1	/	12.77	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s- OFDM QPSK	1	1	/	12.77	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s- OFDM QPSK	1	1	/	12.82	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s- OFDM QPSK	1	1	/	12.77	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s- OFDM QPSK	1	1	12.67	12.80	12.66	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s- OFDM QPSK	1	1	12.58	12.72	12.62	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s- OFDM QPSK	1	1	12.65	12.80	12.64	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s- OFDM QPSK	1	1	12.60	12.78	12.60	14.50

N78 PC3 30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s- OFDM QPSK	1	1	/	20.49	/	22.00
		1	137	/	20.29	/	22.00
		1	271	/	20.22	/	22.00
		135	0	/	19.28	/	21.00
		135	69	/	20.29	/	22.00
		135	138	/	19.40	/	21.00
		270	0	/	19.29	/	21.00
	DFT-s- OFDM 16QAM	1	1	/	19.42	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM	1	1	/	18.88	/	20.50

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	20.22	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	20.20	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	20.19	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.23	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	20.10	20.14	20.20	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	20.14	20.18	20.24	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	20.16	20.21	20.20	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	20.16	20.23	20.17	22.00

N78 PC3_30kHz Body worn&Hotspot for Simultaneous ULCA&ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.52	/	19.00
		1	137	/	17.29	/	19.00
		1	271	/	17.18	/	19.00
		135	0	/	16.32	/	18.00
		135	69	/	17.31	/	19.00
		135	138	/	16.42	/	18.00
		270	0	/	16.31	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	16.43	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	15.91	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	17.13	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.10	/	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	17.10	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	17.11	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	17.05	17.11	17.21	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	17.09	17.15	17.23	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	17.13	17.18	17.22	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	17.08	17.18	17.21	19.00

N78 PC2 30kHz full power				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	25.39	/	27.00
		1	137	/	25.20	/	27.00
		1	271	/	25.26	/	27.00
		135	0	/	21.66	/	23.50
		135	69	/	25.26	/	27.00
		135	138	/	21.71	/	23.50
		270	0	/	24.32	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.28	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	23.80	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	25.20	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.18	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	25.16	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.15	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	

50MHz	DFT-s-OFDM QPSK	1	1	25.20	25.11	25.32	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	25.27	25.22	25.19	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	25.20	25.16	25.21	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	25.33	25.18	25.30	27.00

N78 PC2 30kHz Receiver on				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	12.95	/	14.50
		1	137	/	12.78	/	14.50
		1	271	/	12.74	/	14.50
		135	0	/	9.23	/	11.00
		135	69	/	12.73	/	14.50
		135	138	/	9.30	/	11.00
		270	0	/	11.72	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	11.82	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	11.40	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	12.76	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	12.74	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	12.72	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	12.72	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	12.71	12.68	12.73	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	12.83	12.69	12.79	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM	1	1	12.81	12.77	12.81	14.50

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	12.84	12.76	12.73	14.50

N78 PC2_30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.48	/	22.00
		1	137	/	20.17	/	22.00
		1	271	/	20.34	/	22.00
		135	0	/	16.64	/	18.50
		135	69	/	20.24	/	22.00
		135	138	/	16.75	/	18.50
		270	0	/	19.39	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	19.31	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.83	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	20.10	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	20.15	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	20.13	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.09	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	20.26	20.08	20.37	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	20.20	20.15	20.37	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	20.27	20.17	20.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	20.27	20.07	20.29	22.00

N78 PC2_30kHz Body worn&Hotspot for Simultaneous ULCA&ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	

100MHz	DFT-s-OFDM QPSK	1	1	/	17.46	/	19.00
		1	137	/	17.18	/	19.00
		1	271	/	17.31	/	19.00
		135	0	/	13.60	/	15.50
		135	69	/	17.25	/	19.00
		135	138	/	13.76	/	15.50
		270	0	/	16.35	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	16.30	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	15.79	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	17.10	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.08	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	17.06	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	17.07	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	17.26	17.11	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	17.28	17.10	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	17.26	17.08	17.36	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	17.25	17.07	17.37	19.00

2.6 Conducted Power of NR (Ant7)

N48 30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645322	
				3570	3624.99	3679.98	
40MHz	DFT-s-OFDM QPSK	1	1	/	23.05	/	24.00
		1	53	/	22.92	/	24.00
		1	104	/	22.87	/	24.00
		50	0	/	21.96	/	23.00
		50	28	/	22.88	/	24.00
		50	56	/	21.99	/	23.00
		100	0	/	21.95	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.96	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	20.98	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	22.41	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.36	22.44	22.37	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.28	22.41	22.35	24.00

N77 PC3 30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.84	/	24.00
		1	137	/	22.65	/	24.00
		1	271	/	22.68	/	24.00
		135	0	/	21.68	/	23.00
		135	69	/	22.70	/	24.00
		135	138	/	21.73	/	23.00
		270	0	/	21.72	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.70	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	20.98	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	22.63	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	22.57	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	22.62	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.40	22.59	22.59	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.38	22.60	22.66	24.00

N77 PC2 30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	25.72	/	27.00
		1	137	/	25.63	/	27.00
		1	271	/	25.61	/	27.00
		135	0	/	22.25	/	23.50
		135	69	/	25.69	/	27.00
		135	138	/	22.11	/	23.50
		270	0	/	24.65	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.57	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	24.14	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.66	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.66	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	25.69	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	25.64	25.58	25.71	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.71	25.67	25.64	27.00

N77 PC2 30kHz Receiver on/Sensor on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	23.72	/	25.00
		1	137	/	23.63	/	25.00
		1	271	/	23.61	/	25.00
		135	0	/	20.25	/	21.50
		135	69	/	23.69	/	25.00
		135	138	/	20.11	/	21.50
		270	0	/	22.65	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.57	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM	1	1	/	22.14	/	23.50

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.66	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.66	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	23.69	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	23.64	23.58	23.71	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.71	23.67	23.64	25.00

N77 PC3 30kHz full power				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				650000	/	/	/	/	662000
				3750.00	/	/	/	/	3930.00
100MHz	DFT-s-OFDM QPSK	1	1	22.96	/	/	/	/	22.93
		1	137	22.73	/	/	/	/	22.74
		1	271	22.64	/	/	/	/	22.75
		135	0	21.78	/	/	/	/	21.84
		135	69	22.65	/	/	/	/	22.76
		135	138	21.72	/	/	/	/	21.77
		270	0	21.76	/	/	/	/	21.79
	DFT-s-OFDM 16QAM	1	1	21.82	/	/	/	/	21.68
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				650000	/	/	/	/	662000
100MHz	CP-OFDM QPSK	1	1	20.59	/	/	/	/	20.55
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				649334	652000	654668	657334	660000	662666
80MHz	DFT-s-OFDM QPSK	1	1	22.57	22.60	22.60	22.84	22.72	22.75
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648668	651600	654534	657468	660400	663332
60MHz	DFT-s-OFDM QPSK	1	1	22.63	22.65	22.62	22.86	22.65	22.66
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648000	651200	654400	657600	660800	664000
40MHz	DFT-s-OFDM QPSK	1	1	22.64	22.62	22.60	22.81	22.70	22.63
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				647666	651000	654332	657666	661000	664334
30MHz	DFT-s-OFDM QPSK	1	1	22.64	22.67	22.55	22.78	22.66	22.74
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				647332	650800	654264	657732	661200	664668
20MHz	DFT-s-OFDM QPSK	1	1	22.68	22.62	22.67	22.79	22.67	22.63

N77 PC2 30kHz full power				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				650000	/	/	/	/	662000
				3750.00	/	/	/	/	3930.00
100MHz	DFT-s-OFDM QPSK	1	1	25.95	/	/	/	/	25.89
		1	137	25.88	/	/	/	/	25.78
		1	271	25.68	/	/	/	/	25.72
		135	0	22.22	/	/	/	/	22.31
		135	69	25.73	/	/	/	/	25.84
		135	138	22.27	/	/	/	/	22.23
		270	0	24.72	/	/	/	/	24.82
	DFT-s-OFDM 16QAM	1	1	24.76	/	/	/	/	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				650000	/	/	/	/	662000
100MHz	CP-OFDM QPSK	1	1	23.58	/	/	/	/	23.63
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				649334	652000	654668	657334	660000	662666
80MHz	DFT-s-OFDM QPSK	1	1	25.73	25.82	25.77	25.73	25.83	25.68
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648668	651600	654534	657468	660400	663332
60MHz	DFT-s-OFDM QPSK	1	1	25.77	25.79	25.79	25.80	25.82	25.72
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648000	651200	654400	657600	660800	664000
40MHz	DFT-s-OFDM QPSK	1	1	25.70	25.77	25.85	25.76	25.89	25.77
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				647666	651000	654334	657666	661000	664334
30MHz	DFT-s-OFDM QPSK	1	1	25.76	25.79	25.74	25.72	25.82	25.76
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				647334	650800	654268	657734	661200	664666
20MHz	DFT-s-OFDM QPSK	1	1	25.70	25.72	25.75	25.69	25.85	25.79

N77 PC2 30kHz Receiver on/Sensor on/Hotspot on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				650000	/	/	/	/	662000
				3750.00	/	/	/	/	3930.00
100MHz	DFT-s-OFDM QPSK	1	1	23.95	/	/	/	/	23.89
		1	137	23.88	/	/	/	/	23.78
		1	271	23.68	/	/	/	/	23.72
		135	0	20.22	/	/	/	/	20.31
		135	69	23.73	/	/	/	/	23.84
		135	138	20.27	/	/	/	/	20.23
		270	0	22.72	/	/	/	/	22.82
	DFT-s-OFDM 16QAM	1	1	22.76	/	/	/	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				650000	/	/	/	/	662000
100MHz	CP-OFDM QPSK	1	1	21.58	/	/	/	/	21.63
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				649334	652000	654668	657334	660000	662666
80MHz	DFT-s-OFDM QPSK	1	1	23.73	23.82	23.77	23.73	23.83	23.68
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648668	651600	654534	657468	660400	663332
60MHz	DFT-s-OFDM	1	1	23.77	23.79	23.79	23.80	23.82	23.72

	QPSK								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648000	651200	654400	657600	660800	664000
40MHz	DFT-s-OFDM QPSK	1	1	23.70	23.77	23.85	23.76	23.89	23.77
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				647666	651000	654334	657666	661000	664334
30MHz	DFT-s-OFDM QPSK	1	1	23.76	23.79	23.74	23.72	23.82	23.76
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				647334	650800	654268	657734	661200	664666
20MHz	DFT-s-OFDM QPSK	1	1	23.70	23.72	23.75	23.69	23.85	23.79

N78 PC3 30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.80	/	24.00
		1	137	/	22.66	/	24.00
		1	271	/	22.57	/	24.00
		135	0	/	21.68	/	23.00
		135	69	/	22.67	/	24.00
		135	138	/	21.80	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.69	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.26	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	22.59	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.66	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	22.64	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.66	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	22.55	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.66	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.57	22.58	22.52	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.45	22.66	22.57	24.00

N78 PC2 30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	25.85	/	27.00
		1	137	/	25.59	/	27.00
		1	271	/	25.66	/	27.00
		135	0	/	22.22	/	23.50
		135	69	/	25.61	/	27.00
		135	138	/	22.15	/	23.50
		270	0	/	24.72	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.60	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	631668	633334	635000	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	631334	633334	635334	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	631001	633334	635667	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	630668	633334	636000	27.00

N78 PC2 30kHz Receiver on/Sensor on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	23.85	/	25.00
		1	137	/	23.59	/	25.00
		1	271	/	23.66	/	25.00

		135	0	/	20.22	/	21.50
		135	69	/	23.61	/	25.00
		135	138	/	20.15	/	21.50
		270	0	/	22.72	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.60	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.26	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.60	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.61	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	23.73	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.61	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	23.66	23.62	23.73	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.67	23.69	23.66	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	23.62	23.68	23.66	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.68	23.71	23.70	25.00

N78 PC3 30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.75	/	24.00
		1	137	/	22.69	/	24.00
		1	271	/	22.66	/	24.00
		135	0	/	21.72	/	23.00
		135	69	/	22.65	/	24.00
		135	138	/	21.68	/	23.00
		270	0	/	21.71	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.74	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	21.29	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	22.61	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.55	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	22.59	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.67	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	22.51	22.68	22.61	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	22.61	22.60	22.53	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	22.51	22.58	22.61	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	22.52	22.64	22.52	24.00

N78 PC2_30kHz full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	25.82	/	27.00
		1	137	/	25.74	/	27.00
		1	271	/	25.71	/	27.00
		135	0	/	22.20	/	23.50
		135	69	/	25.76	/	27.00
		135	138	/	22.16	/	23.50
		270	0	/	24.70	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.69	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	24.21	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	25.57	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.71	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-	1	1	/	25.70	/	27.00

	OFDM QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.59	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	25.55	25.62	25.77	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	25.58	25.66	25.79	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	25.59	25.59	25.79	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	25.68	25.70	25.68	27.00

N78 PC2_30kHz Receiver on/Sensor on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	23.82	/	25.00
		1	137	/	23.74	/	25.00
		1	271	/	23.71	/	25.00
		135	0	/	20.20	/	21.50
		135	69	/	23.76	/	25.00
		135	138	/	20.16	/	21.50
		270	0	/	22.70	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.69	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.21	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.57	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.71	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	23.70	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.59	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	23.55	23.62	23.77	25.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	23.58	23.66	23.79	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	23.59	23.59	23.79	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	23.68	23.70	23.68	25.00

3 Conducted Power of UL_CA

3.1 Conducted Power of UL_CA (Ant0)

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_2C	QPSK	2	20	18700	1	99	2	20	18898	1	0	23.19	24.00
CA_2C	QPSK	2	20	18900	1	99	2	20	19098	1	0	23.2	24.00
CA_2C	QPSK	2	20	18900	1	0	2	20	18702	1	99	23.15	24.00
CA_2C	QPSK	2	20	19100	1	0	2	20	18902	1	99	23.11	24.00

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_2C	QPSK	2	20	18700	1	99	2	20	18898	1	0	21.01	22.00
CA_2C	QPSK	2	20	18900	1	99	2	20	19098	1	0	21.08	22.00
CA_2C	QPSK	2	20	18900	1	0	2	20	18702	1	99	21.05	22.00
CA_2C	QPSK	2	20	19100	1	0	2	20	18902	1	99	21.05	22.00

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_66C	QPSK	66	20	132072	1	99	66	20	132270	1	0	22.96	24.00
CA_66C	QPSK	66	20	132322	1	99	66	20	132520	1	0	23.01	24.00
CA_66C	QPSK	66	20	132322	1	0	66	20	132124	1	99	22.89	24.00
CA_66C	QPSK	66	20	132572	1	0	66	20	132374	1	99	22.95	24.00

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_66C	QPSK	66	20	132072	1	99	66	20	132270	1	0	21.48	22.50
CA_66C	QPSK	66	20	132322	1	99	66	20	132520	1	0	21.53	22.50
CA_66C	QPSK	66	20	132322	1	0	66	20	132124	1	99	21.46	22.50
CA_66C	QPSK	66	20	132572	1	0	66	20	132374	1	99	21.48	22.50

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_66B	QPSK	66	15	132047	1	0	66	5	132140	0	0	22.93	24.00
CA_66B	QPSK	66	15	132322	1	0	66	5	132229	1	24	23.00	24.00
CA_66B	QPSK	66	15	132597	1	0	66	5	132504	1	24	22.81	24.00

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_66B	QPSK	66	15	132047	1	0	66	5	132140	0	0	21.41	22.50
CA_66B	QPSK	66	15	132322	1	0	66	5	132229	1	24	21.50	22.50
CA_66B	QPSK	66	15	132597	1	0	66	5	132504	1	24	21.41	22.50

4 Conducted Power of WIFI and Bluetooth

4.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant9					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.24	18.00
	6	2437		16.97	18.00
	11	2462		17.76	18.00
802.11g	1	2412	6	15.26	16.00
	6	2437		14.97	16.00
	11	2462		15.52	16.00
802.11n HT20	1	2412	6.5	14.07	15.00
	6	2437		13.89	15.00
	11	2462		14.52	15.00
802.11n HT40	3	2422	13.5	14.04	15.00
	6	2437		14.92	15.00
	9	2452		13.79	15.00

4.2 Conducted Power of 5G WIFI

WIFI 5G Ant9					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	15.08	16.00
		40	5200	15.17	16.00
		44	5220	14.96	16.00
		48	5240	14.73	16.00
	802.11n HT20	36	5180	14.38	15.00
		40	5200	14.42	15.00
		44	5220	14.18	15.00
		48	5240	14.21	15.00
	802.11n HT40	38	5190	14.27	15.00
		46	5230	14.30	15.00
	802.11ac VHT20	36	5180	12.60	13.00
		40	5200	12.77	13.00
		44	5220	12.18	13.00
		48	5240	12.21	13.00
	802.11ac VHT40	38	5190	12.71	13.00
		46	5230	12.22	13.00
	802.11ac VHT80	42	5210	12.15	13.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	14.97	16.00
		56	5280	15.02	16.00
		60	5300	15.13	16.00
		64	5320	14.97	16.00
	802.11n HT20	52	5260	14.07	15.00
		56	5280	14.26	15.00
		60	5300	14.28	15.00
		64	5320	14.08	15.00
	802.11n HT40	54	5270	14.02	15.00
		62	5310	14.11	15.00
	802.11ac VHT20	52	5260	12.01	13.00
		56	5280	12.13	13.00
		60	5300	12.18	13.00
		64	5320	12.14	13.00
	802.11ac VHT40	54	5270	11.89	13.00
		62	5310	12.64	13.00
	802.11ac VHT80	58	5290	12.06	13.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	15.76	16.00
		116	5580	15.48	16.00
		120	5600	15.32	16.00

		124	5620	15.37	16.00
		128	5640	14.92	16.00
		140	5700	15.12	16.00
		144	5720	15.03	16.00
	802.11n HT20	100	5500	14.67	15.00
		116	5580	14.39	15.00
		120	5600	14.18	15.00
		124	5620	14.21	15.00
		128	5640	13.97	15.00
		140	5700	14.12	15.00
		144	5720	14.20	15.00
		102	5510	14.85	15.00
	802.11n HT40	110	5550	14.36	15.00
		126	5630	14.52	15.00
		134	5670	13.87	15.00
		142	5710	14.11	15.00
		100	5500	12.71	13.00
	802.11ac VHT20	116	5580	12.55	13.00
		120	5600	12.34	13.00
		124	5620	12.46	13.00
		128	5640	12.09	13.00
		140	5700	11.84	13.00
		144	5720	11.90	13.00
		102	5510	12.49	13.00
	802.11ac VHT40	110	5550	12.33	13.00
		126	5630	12.05	13.00
		134	5670	11.69	13.00
		142	5710	11.87	13.00
		106	5530	12.24	13.00
	802.11ac VHT80	122	5610	12.05	13.00
138		5690	12.23	13.00	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	14.86	16.00
		157	5785	15.35	16.00
		165	5825	15.34	16.00
	802.11n HT20	149	5745	14.03	15.00
		157	5785	14.12	15.00
		165	5825	14.25	15.00
	802.11n HT40	151	5755	13.96	15.00
		159	5795	14.02	15.00
	802.11ac VHT20	149	5745	12.04	13.00
		157	5785	12.10	13.00
		165	5825	12.06	13.00
	802.11ac VHT40	151	5755	12.59	13.00
		159	5795	12.03	13.00
	802.11ac VHT80	155	5775	12.05	13.00

4.3 Conducted Power of Bluetooth

BT Ant 9		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	6.91	6.89	8.24	8.50
	$\pi/4$ DQPSK	4.15	4.25	5.26	6.00
	8DPSK	4.06	4.12	5.36	6.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	5.53	5.14	5.92	7.00
BLE 2M	GFSK	5.81	5.21	6.26	7.00

- End of the Appendix -