

80MHz	DFT-s-OFDM QPSK	1	1	23.78	23.68	23.71	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.65	23.81	23.45	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	23.62	23.58	23.77	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.28	23.80	23.62	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.77	23.78	23.55	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.65	23.68	23.78	24.50

N41 sensor on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.68	20.88	20.85	22.00
		1	137	20.61	20.99	21.01	22.00
		1	271	21.28	21.15	20.88	22.00
		135	0	19.85	19.91	19.99	21.00
		135	69	21.01	20.89	20.88	22.00
		135	138	20.45	20.63	20.75	21.00
		270	0	20.09	20.11	20.05	21.00
	DFT-s-OFDM QPSK	1	1	20.92	21.32	20.89	22.00
		1	137	20.51	21.01	21.05	22.00
		1	271	21.08	21.22	21.02	22.00
		135	0	20.05	20.18	19.91	21.00
		135	69	20.94	21.15	20.88	22.00
		135	138	20.52	20.38	20.41	21.00
		270	0	20.14	20.15	20.05	21.00
	DFT-s-OFDM 16QAM	1	1	19.52	19.55	19.52	21.00

	DFT-s-OFDM 64QAM	1	1	18.33	18.21	18.35	19.50
	DFT-s-OFDM 256QAM	1	1	16.77	16.58	16.42	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	19.01	19.35	19.28	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.05	21.09	21.28	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.22	21.01	21.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.05	21.01	21.11	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.02	21.09	21.22	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.08	21.12	21.05	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.05	21.19	21.22	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.01	21.09	21.12	22.00

12.2 Conducted Power of NR SA Antenna (Ant1)

N5 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	

				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	Channel	Channel	Channel	Tune up
		1	53	166800	167300	167800	19.70
		1	104	834	836.5	839	19.70
		50	0	18.17	18.16	18.16	19.20
		50	28	18.25	18.23	18.25	19.20
		50	56	18.23	18.27	18.20	19.20
		100	0	16.43	16.39	16.38	18.20
	DFT-s-OFDM QPSK	1	1	17.41	17.48	17.45	19.20
		1	53	17.03	17.04	17.01	18.20
		1	104	16.43	16.51	16.40	18.20
		50	0	18.21	18.27	18.21	19.20
		50	28	18.23	18.20	18.20	19.20
		50	56	18.16	18.24	18.20	19.20
		100	0	16.37	16.38	16.36	18.20
	DFT-s-OFDM 16QAM	1	1	17.53	17.54	17.41	19.20
	DFT-s-OFDM 64QAM	1	1	17.03	17.07	16.97	18.20
	DFT-s-OFDM 256QAM	1	1	16.40	16.47	16.46	18.20
Bandwidth	Modulation	RB size	RB offset	16.86	16.94	16.91	18.20
				15.16	15.18	15.19	16.70
20MHz	CP-OFDM QPSK	1	1	13.56	13.60	13.55	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
15MHz	DFT-s-OFDM QPSK	1	1	16.36	16.38	16.33	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
10MHz	DFT-s-OFDM QPSK	1	1	18.18	18.20	18.15	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
5MHz	DFT-s-OFDM QPSK	1	1	18.22	18.21	18.16	19.20

N5 Receive Off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.75	21.75	21.67	22.70
		1	53	21.85	21.87	21.84	22.70

		1	104	21.83	21.81	21.76	22.70
		50	0	19.96	20.01	19.92	21.70
		50	28	20.98	21.07	21.01	22.70
		50	56	20.56	20.59	20.54	21.70
		100	0	19.99	20.03	20.02	21.70
	DFT-s-OFDM QPSK	1	1	21.71	21.87	21.73	22.70
		1	53	21.86	21.77	21.75	22.70
		1	104	21.77	21.82	21.83	22.70
		50	0	19.92	20.00	19.94	21.70
		50	28	21.05	21.05	20.98	22.70
		50	56	20.57	20.57	20.52	21.70
		100	0	19.97	20.03	20.01	21.70
	DFT-s-OFDM 16QAM	1	1	20.47	20.50	20.45	21.70
	DFT-s-OFDM 64QAM	1	1	18.75	18.78	18.74	20.20
	DFT-s-OFDM 256QAM	1	1	17.11	17.15	17.11	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	19.45	19.63	19.66	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
15MHz	DFT-s-OFDM QPSK	1	1	21.78	21.73	21.72	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
10MHz	DFT-s-OFDM QPSK	1	1	21.73	21.76	21.67	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349500	356500	
5MHz	DFT-s-OFDM QPSK	1	1	21.73	21.77	21.68	22.70

12.3 Conducted Power of NR SA Antenna (Ant2)

N7				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	24.48	24.53	24.47	25.50
		1	108	24.39	24.43	24.42	25.50
		1	214	24.37	24.47	24.45	25.50
		108	0	23.35	23.44	23.39	24.50

		108	54	24.37	24.42	24.37	25.50
		108	108	23.30	23.37	23.21	24.50
		216	0	23.51	23.55	23.52	24.50
	DFT-s-OFDM QPSK	1	1	24.52	24.56	24.48	25.50
		1	108	24.41	24.44	24.43	25.50
		1	214	24.44	24.50	24.47	25.50
		108	0	23.39	23.44	23.43	24.50
		108	54	24.38	24.45	24.42	25.50
		108	108	23.36	23.38	23.29	24.50
		216	0	23.57	23.62	23.57	24.50
	DFT-s-OFDM 16QAM	1	1	23.54	23.59	23.57	24.50
	DFT-s-OFDM 64QAM	1	1	22.03	22.08	22.04	23.00
	DFT-s-OFDM 256QAM	1	1	20.23	20.32	20.26	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	22.01	22.13	22.08	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	24.38	24.41	24.39	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	24.51	24.38	24.22	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	24.32	24.28	24.18	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	24.23	24.18	24.22	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	24.50	24.17	24.29	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	

5MHz	DFT-s-OFDM QPSK	1	1	24.38	24.32	24.27	25.50
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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	19.91	19.93	19.87	21.00
		1	108	19.83	19.87	19.86	21.00
		1	214	19.81	19.88	19.86	21.00
		108	0	18.76	18.84	18.80	20.00
		108	54	19.82	19.84	19.82	21.00
		108	108	18.73	18.81	18.62	20.00
		216	0	18.92	18.95	18.97	20.00
	DFT-s-OFDM QPSK	1	1	19.97	20.01	19.93	21.00
		1	108	19.86	19.89	19.86	21.00
		1	214	19.87	19.93	19.89	21.00
		108	0	18.81	18.84	18.84	20.00
		108	54	19.81	19.88	19.83	21.00
		108	108	18.76	18.83	18.70	20.00
		216	0	18.98	19.07	19.01	20.00
	DFT-s-OFDM 16QAM	1	1	18.98	18.99	18.97	20.00
	DFT-s-OFDM 64QAM	1	1	17.45	17.53	17.45	18.50
	DFT-s-OFDM 256QAM	1	1	15.67	15.77	15.66	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	18.01	17.99	18.12	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	19.88	19.93	19.92	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	19.92	19.97	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.88	19.97	19.92	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	19.88	19.95	19.89	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	19.90	19.97	19.87	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	19.91	19.95	19.89	21.00

N38				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.41	24.53	24.47	25.50
		1	53	24.42	24.35	24.33	25.50
		1	104	24.02	24.08	24.02	25.50
		50	0	23.36	23.44	23.41	24.50
		50	28	24.33	24.40	24.36	25.50
		50	56	23.40	23.48	23.40	24.50
		100	0	23.44	23.53	23.59	24.50
	DFT-s-OFDM QPSK	1	1	24.50	24.55	24.53	25.50
		1	53	24.42	24.42	24.34	25.50
		1	104	24.08	24.12	24.06	25.50
		50	0	23.45	23.47	23.43	24.50
		50	28	24.41	24.48	24.41	25.50
		50	56	23.46	23.49	23.42	24.50
		100	0	23.53	23.60	23.59	24.50
	DFT-s-OFDM 16QAM	1	1	23.18	23.20	23.11	24.50
	DFT-s-OFDM 64QAM	1	1	21.75	21.83	21.80	23.00
	DFT-s-OFDM 256QAM	1	1	20.14	20.19	20.12	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	22.00	22.04	22.01	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	

30MHz	DFT-s-OFDM QPSK	1	1	24.48	24.38	24.36	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.38	24.18	24.29	25.50

N38 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz				Channel	Channel	Channel	Tune up
Bandwidth	Modulation	RB size	RB offset	518000	519000	520000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	2590	2595	2600	19.50
		1	53	18.32	18.47	18.38	19.50
		1	104	18.37	18.30	18.27	19.50
		1	104	17.93	18.02	17.96	19.50
		50	0	17.27	17.34	17.33	18.50
		50	28	18.23	18.34	18.31	19.50
		50	56	17.35	17.40	17.33	18.50
		100	0	17.38	17.43	17.53	18.50
	DFT-s-OFDM QPSK	1	1	18.43	18.48	18.45	19.50
		1	53	18.35	18.35	18.29	19.50
		1	104	18.01	18.02	17.99	19.50
		50	0	17.35	17.39	17.34	18.50
		50	28	18.33	18.42	18.31	19.50
		50	56	17.41	17.41	17.32	18.50
		100	0	17.48	17.52	17.51	18.50
	DFT-s-OFDM 16QAM	1	1	17.10	17.11	17.02	18.50
	DFT-s-OFDM 64QAM	1	1	15.65	15.76	15.70	17.00
	DFT-s-OFDM 256QAM	1	1	14.09	14.10	14.05	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	16.21	16.12	16.22	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.31	18.44	18.37	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.35	18.47	18.38	19.50

N41				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.68	24.62	24.65	25.70
		1	137	24.62	24.69	24.59	25.70
		1	271	24.75	24.81	24.82	25.70
		135	0	23.83	23.87	23.84	24.70
		135	69	25.12	24.98	24.99	25.70
		135	138	23.96	23.98	24.00	24.70
		270	0	23.86	23.97	23.91	24.70
	DFT-s-OFDM QPSK	1	1	24.99	25.13	24.88	25.70
		1	137	24.71	24.76	24.68	25.70
		1	271	24.80	24.89	24.85	25.70
		135	0	23.87	23.94	23.90	24.70
		135	69	24.98	25.12	25.03	25.70
		135	138	24.04	24.07	24.06	24.70
		270	0	23.92	24.00	23.91	24.70
	DFT-s-OFDM 16QAM	1	1	23.89	23.89	23.86	24.70
	DFT-s-OFDM 64QAM	1	1	22.43	22.50	22.43	23.20
	DFT-s-OFDM 256QAM	1	1	20.42	20.45	20.38	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	22.62	22.68	22.38	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	25.04	24.98	25.05	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	25.01	24.90	24.08	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	25.09	24.98	24.91	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	

50MHz	DFT-s-OFDM QPSK	1	1	25.05	25.00	25.08	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	24.88	24.88	25.05	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	25.06	25.01	25.01	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	25.11	24.98	24.89	25.70

N41Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.60	18.57	18.56	19.70
		1	137	18.57	18.64	18.52	19.70
		1	271	18.69	18.74	18.72	19.70
		135	0	17.74	17.78	17.76	18.70
		135	69	19.05	18.91	18.90	19.70
		135	138	17.89	17.89	17.94	18.70
		270	0	17.80	17.87	17.85	18.70
	DFT-s-OFDM QPSK	1	1	18.90	19.03	18.82	19.70
		1	137	18.63	18.68	18.61	19.70
		1	271	18.71	18.84	18.77	19.70
		135	0	17.79	17.85	17.81	18.70
		135	69	18.93	19.03	18.96	19.70
		135	138	17.96	18.00	17.99	18.70
		270	0	17.84	17.92	17.85	18.70
	DFT-s-OFDM 16QAM	1	1	17.81	17.79	17.77	18.70
	DFT-s-OFDM 64QAM	1	1	16.35	16.41	16.34	17.20
	DFT-s-OFDM 256QAM	1	1	14.34	14.39	14.30	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	17.01	16.98	17.10	17.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	18.62	18.52	18.59	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	18.62	18.53	18.57	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.63	18.53	18.57	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.60	18.53	18.58	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.58	18.53	18.59	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.58	18.57	18.58	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.63	18.55	18.60	19.70

12.4 Conducted Power of NR SA Antenna (Ant3)

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	17.05	17.11	17.06	18.70
		1	108	17.07	17.21	16.96	18.70
		1	214	17.11	17.36	16.91	18.70
		108	0	16.19	16.26	16.19	17.70
		108	54	16.97	17.11	17.06	18.70
		108	108	16.32	16.32	16.23	17.70
		216	0	15.97	17.04	16.74	17.70
	DFT-s-OFDM QPSK	1	1	17.37	17.43	17.14	18.70
		1	108	17.14	17.26	17.02	18.70

		1	214	17.19	17.22	16.93	18.70
		108	0	16.23	16.28	16.30	17.70
		108	54	17.06	17.12	17.08	18.70
		108	108	16.36	16.35	16.29	17.70
		216	0	16.54	16.60	16.59	17.70
	DFT-s-OFDM 16QAM	1	1	15.80	15.91	15.93	17.70
	DFT-s-OFDM 64QAM	1	1	15.12	15.15	15.03	16.20
	DFT-s-OFDM 256QAM	1	1	12.42	13.15	13.53	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	14.88	14.96	14.98	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	17.10	17.13	17.07	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	17.09	17.12	17.09	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	17.05	17.09	17.08	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	17.06	17.11	17.08	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	17.08	17.08	17.07	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	17.09	17.12	17.09	18.70

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	18.08	18.08	18.07	19.70
		1	108	18.05	18.24	17.96	19.70
		1	214	18.10	18.35	17.92	19.70
		108	0	17.20	17.28	17.18	18.70
		108	54	18.01	18.12	18.08	19.70
		108	108	17.34	17.32	17.24	18.70
		216	0	16.96	18.04	17.74	18.70
	DFT-s-OFDM QPSK	1	1	18.34	18.43	18.13	19.70
		1	108	18.15	18.30	18.02	19.70
		1	214	18.16	18.23	17.92	19.70
		108	0	17.22	17.28	17.27	18.70
		108	54	18.05	18.10	18.05	19.70
		108	108	17.32	17.34	17.33	18.70
		216	0	17.58	17.63	17.57	18.70
	DFT-s-OFDM 16QAM	1	1	16.77	16.92	16.92	18.70
	DFT-s-OFDM 64QAM	1	1	16.10	16.11	16.03	17.20
	DFT-s-OFDM 256QAM	1	1	13.37	14.18	14.52	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	16.43	16.23	16.12	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.10	18.10	18.08	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	18.08	18.09	18.09	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.09	18.12	18.07	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.09	18.10	18.09	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	18.06	18.10	18.06	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	18.06	18.09	18.06	19.70

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	22.05	22.10	22.10	23.70
		1	108	22.07	22.23	21.97	23.70
		1	214	22.12	22.36	21.93	23.70
		108	0	21.23	21.30	21.21	22.70
		108	54	21.97	22.10	22.09	23.70
		108	108	21.31	21.32	21.27	22.70
		216	0	20.95	22.05	21.72	22.70
	DFT-s-OFDM QPSK	1	1	22.35	22.42	22.14	23.70
		1	108	22.18	22.26	21.99	23.70
		1	214	22.18	22.22	21.96	23.70
		108	0	21.22	21.29	21.28	22.70
		108	54	22.05	22.11	22.07	23.70
		108	108	21.36	21.36	21.29	22.70
		216	0	21.56	21.62	21.60	22.70
	DFT-s-OFDM 16QAM	1	1	20.78	20.88	20.92	22.70
	DFT-s-OFDM 64QAM	1	1	20.07	20.15	20.02	21.50
DFT-s-OFDM 256QAM	1	1	18.41	18.49	18.49	20.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	21.15	21.14	21.04	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	22.06	22.13	22.11	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	

25MHz	DFT-s-OFDM QPSK	1	1	22.05	22.11	22.10	23.70
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.06	22.10	22.06	23.70
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.07	22.12	22.10	23.70
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.09	22.09	22.11	23.70
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.08	22.13	22.11	23.70

N38 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.66	17.74	17.59	18.70
		1	53	17.37	17.39	17.43	18.70
		1	104	17.23	17.28	17.26	18.70
		50	0	17.18	17.27	17.20	17.70
		50	28	17.59	17.69	17.56	18.70
		50	56	16.93	16.95	16.92	17.70
		100	0	17.47	17.27	17.41	17.70
	DFT-s-OFDM QPSK	1	1	17.71	17.79	17.66	18.70
		1	53	17.50	17.46	17.47	18.70
		1	104	17.27	17.34	17.34	18.70
		50	0	17.22	17.26	17.22	17.70
		50	28	17.66	17.76	17.64	18.70
		50	56	16.96	17.04	17.03	17.70
		100	0	17.53	17.53	17.51	17.70
	DFT-s-OFDM 16QAM	1	1	16.19	16.27	16.15	17.70
	DFT-s-OFDM 64QAM	1	1	15.15	15.12	15.05	16.20

	DFT-s-OFDM 256QAM	1	1	13.17	13.31	13.13	14.20
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	15.54	15.66	15.63	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.66	17.74	17.58	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.66	17.74	17.59	18.70

N38 Sensor on SCS 30kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 518000 2590	Channel 519000 2595	Channel 520000 2600	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.17	19.23	19.05	20.20
		1	53	18.86	18.91	18.92	20.20
		1	104	18.73	18.80	18.73	20.20
		50	0	18.67	18.80	18.68	19.20
		50	28	19.12	19.16	19.07	20.20
		50	56	18.42	18.44	18.41	19.20
		100	0	18.95	18.76	18.94	19.20
	DFT-s-OFDM QPSK	1	1	19.19	19.31	19.12	20.20
		1	53	18.95	18.96	18.93	20.20
		1	104	18.76	18.86	18.82	20.20
		50	0	18.71	18.77	18.71	19.20
		50	28	19.17	19.27	19.11	20.20
		50	56	18.43	18.54	18.53	19.20
		100	0	19.04	19.04	19.01	19.20
	DFT-s-OFDM 16QAM	1	1	17.71	17.74	17.65	19.20
	DFT-s-OFDM 64QAM	1	1	16.63	16.63	16.58	17.70
	DFT-s-OFDM 256QAM	1	1	14.70	14.84	14.65	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	17.37	17.39	17.42	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.14	19.28	19.09	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.18	19.23	19.07	20.20

N41 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.35	17.41	17.31	18.70
		1	137	17.64	17.73	17.64	18.70
		1	271	17.88	17.84	17.92	18.70
		135	0	16.97	16.96	16.97	17.70
		135	69	17.82	17.89	17.86	18.70
		135	138	17.23	17.24	17.16	17.70
		270	0	17.20	17.18	17.11	17.70
	DFT-s-OFDM QPSK	1	1	17.91	18.27	17.94	18.70
		1	137	17.71	17.80	17.73	18.70
		1	271	17.43	17.46	17.38	18.70
		135	0	16.96	17.02	17.03	17.70
		135	69	17.89	17.90	17.81	18.70
		135	138	17.25	17.27	17.21	17.70
		270	0	17.52	17.65	17.63	17.70
	DFT-s-OFDM 16QAM	1	1	16.29	16.37	16.55	17.70
	DFT-s-OFDM 64QAM	1	1	15.23	15.25	15.33	16.20
	DFT-s-OFDM 256QAM	1	1	12.89	12.89	12.98	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	15.65	15.75	15.77	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	17.36	17.41	17.31	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	

80MHz	DFT-s-OFDM QPSK	1	1	17.37	17.43	17.31	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	17.36	17.45	17.35	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	17.34	17.43	17.32	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	17.35	17.42	17.35	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	17.33	17.44	17.34	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	17.38	17.40	17.32	18.70

N41 Sensor on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.36	19.41	19.34	20.70
		1	137	19.62	19.74	19.66	20.70
		1	271	19.85	19.80	19.96	20.70
		135	0	18.98	18.98	19.01	19.70
		135	69	19.79	19.86	19.84	20.70
		135	138	19.22	19.19	19.21	19.70
		270	0	19.24	19.21	19.12	19.70
	DFT-s-OFDM QPSK	1	1	19.92	19.98	19.96	20.70
		1	137	19.71	19.77	19.72	20.70
		1	271	19.44	19.44	19.37	20.70
		135	0	18.95	19.01	19.00	19.70
		135	69	19.86	19.88	19.86	20.70
		135	138	19.28	19.27	19.23	19.70
		270	0	19.20	19.22	19.21	19.70
	DFT-s-OFDM 16QAM	1	1	18.30	18.33	18.52	19.70

	DFT-s-OFDM 64QAM	1	1	17.19	17.25	17.32	18.20
	DFT-s-OFDM 256QAM	1	1	14.84	14.90	14.99	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	17.86	17.92	17.88	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.33	19.43	19.35	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.35	19.42	19.30	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	19.37	19.42	19.34	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.37	19.44	19.34	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.33	19.42	19.32	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.38	19.43	19.31	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.35	19.45	19.33	20.70

N41 Sensor off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	

100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.46	22.51	22.42	24.20
		1	137	22.76	22.83	22.76	24.20
		1	271	22.97	22.93	23.03	24.20
		135	0	22.06	22.04	22.10	23.20
		135	69	22.89	23.00	22.92	24.20
		135	138	22.33	22.30	22.29	23.20
		270	0	22.31	22.27	22.23	23.20
	DFT-s-OFDM QPSK	1	1	22.90	23.00	22.97	24.20
		1	137	22.78	22.86	22.80	24.20
		1	271	22.49	22.53	22.47	24.20
		135	0	22.04	22.10	22.09	23.20
		135	69	22.85	22.91	22.81	24.20
		135	138	22.38	22.36	22.32	23.20
		270	0	22.31	22.36	22.31	23.20
	DFT-s-OFDM 16QAM	1	1	21.80	21.84	22.05	23.20
	DFT-s-OFDM 64QAM	1	1	20.69	20.71	20.86	21.70
	DFT-s-OFDM 256QAM	1	1	18.36	18.39	18.48	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	21.45	21.55	21.53	22.20
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	22.85	22.95	22.84	24.20
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	22.87	22.95	22.81	24.20
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.84	22.90	22.80	24.20
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	22.84	22.92	22.83	24.20
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up

40MHz	DFT-s-OFDM QPSK	1	1	22.88	22.95	22.80	24.20
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.86	22.90	22.82	24.20
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.85	22.91	22.81	24.20

12.5 Conducted Power of NR SA Antenna (Ant4)

N77 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	/	15.74	/	16.50
		1	137	/	15.87	/	16.50
		1	271	/	15.70	/	16.50
		135	0	/	15.20	/	15.50
		135	69	/	15.98	/	16.50
		135	138	/	14.53	/	15.50
		270	0	/	14.29	/	15.50
	DFT-s-OFDM QPSK	1	1	/	16.00	/	16.50
		1	137	/	15.90	/	16.50
		1	271	/	15.78	/	16.50
		135	0	/	15.18	/	15.50
		135	69	/	15.90	/	16.50
		135	138	/	14.57	/	15.50
		270	0	/	14.36	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.60	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.73	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	10.73	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.34	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

90MHz	DFT-s-OFDM QPSK	1	1	15.84	15.80	15.87	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	15.96	16.02	15.89	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	15.95	15.92	15.88	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.82	15.85	15.98	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.10	16.10	16.17	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.70	15.70	15.77	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.79	15.89	15.97	16.50

N77 Receiver 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 PI/2 BPSK	1	1	15.76	15.69	15.73	16.50
		1	137	15.73	15.81	15.75	16.50
		1	271	15.72	15.69	15.79	16.50
		135	0	15.14	15.08	15.07	15.50
		135	69	16.16	16.10	16.14	16.50
		135	138	14.43	14.43	14.40	15.50
		270	0	14.29	14.28	14.19	15.50
	DFT-s-OFDM QPSK	1	1	16.20	16.22	16.17	16.50
		1	137	15.80	15.88	15.82	16.50
		1	271	15.75	15.79	15.81	16.50
		135	0	15.14	15.07	15.14	15.50
		135	69	15.74	15.80	15.75	16.50

		135	138	14.52	14.50	14.48	15.50
		270	0	14.31	14.36	14.33	15.50
	DFT-s-OFDM 16QAM	1	1	14.58	14.58	14.58	15.50
	DFT-s-OFDM 64QAM	1	1	12.68	12.75	12.70	14.00
	DFT-s-OFDM 256QAM	1	1	10.70	10.70	10.65	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	13.61	13.66	13.79	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	16.07	16.12	15.92	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	15.90	16.03	15.94	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	16.14	16.07	15.95	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.03	15.88	15.88	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.81	15.84	16.03	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.81	15.97	15.84	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.82	15.88	15.84	16.50

N77 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	/	19.72	/	20.50
		1	137	/	19.91	/	20.50
		1	271	/	19.74	/	20.50
		135	0	/	19.18	/	19.50
		135	69	/	19.97	/	20.50
		135	138	/	18.56	/	19.50
		270	0	/	18.30	/	19.50
	DFT-s-OFDM QPSK	1	1	/	19.99	/	20.50
		1	137	/	19.92	/	20.50
		1	271	/	19.80	/	20.50
		135	0	/	19.19	/	19.50
		135	69	/	19.89	/	20.50
		135	138	/	18.58	/	19.50
		270	0	/	18.33	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.61	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	16.77	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	14.74	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.34	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.83	19.80	19.86	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.97	20.02	19.91	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.93	19.90	19.91	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

60MHz	DFT-s-OFDM QPSK	1	1	19.83	19.81	19.94	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.92	19.89	19.94	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.81	19.72	19.92	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.82	19.88	19.95	20.50

N77 Sensor 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 PI/2 BPSK	1	1	19.74	19.71	19.72	20.50
		1	137	19.74	19.83	19.74	20.50
		1	271	19.70	19.69	19.77	20.50
		135	0	19.12	19.09	19.11	19.50
		135	69	20.13	20.05	20.11	20.50
		135	138	18.42	18.40	18.38	19.50
		270	0	18.33	18.28	18.19	19.50
	DFT-s-OFDM QPSK	1	1	20.22	20.19	20.17	20.50
		1	137	19.81	19.84	19.80	20.50
		1	271	19.79	19.78	19.80	20.50
		135	0	19.16	19.09	19.17	19.50
		135	69	19.76	19.80	19.74	20.50
		135	138	18.51	18.48	18.45	19.50
		270	0	18.32	18.35	18.30	19.50
	DFT-s-OFDM 16QAM	1	1	18.58	18.56	18.60	19.50
	DFT-s-OFDM 64QAM	1	1	16.69	16.75	16.70	18.00
	DFT-s-OFDM 256QAM	1	1	14.74	14.68	14.64	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	17.59	17.68	17.75	18.00

Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	20.06	20.13	19.90	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.89	20.05	19.92	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	20.15	20.04	19.96	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.02	19.93	19.93	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.81	19.83	20.01	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.79	19.94	19.84	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.80	19.90	19.81	20.50

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	/	23.71	/	24.50
		1	137	/	23.88	/	24.50
		1	271	/	23.71	/	24.50
		135	0	/	23.19	/	23.50
		135	69	/	24.01	/	24.50
		135	138	/	22.56	/	23.50
	270	0	/	22.31	/	23.50	
	DFT-s-OFDM QPSK	1	1	/	24.00	/	24.50
		1	137	/	23.92	/	24.50
		1	271	/	23.80	/	24.50

		135	0	/	23.19	/	23.50
		135	69	/	23.89	/	24.50
		135	138	/	22.59	/	23.50
		270	0	/	22.35	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	22.64	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	20.77	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	18.76	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.36	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	23.84	23.80	23.84	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	23.94	24.04	23.88	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	23.95	23.91	23.93	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	23.81	23.85	23.94	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	23.92	23.91	23.94	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.83	23.74	23.93	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	

20MHz	DFT-s-OFDM QPSK	1	1	23.82	23.90	23.97	24.50
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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	23.74	23.69	23.69	24.50
		1	137	23.71	23.84	23.75	24.50
		1	271	23.68	23.71	23.75	24.50
		135	0	23.15	23.04	23.10	23.50
		135	69	24.17	24.09	24.15	24.50
		135	138	22.41	22.41	22.40	23.50
		270	0	22.30	22.27	22.21	23.50
	DFT-s-OFDM QPSK	1	1	24.20	24.22	24.17	24.50
		1	137	23.83	23.88	23.84	24.50
		1	271	23.78	23.74	23.77	24.50
		135	0	23.13	23.08	23.16	23.50
		135	69	23.77	23.77	23.76	24.50
		135	138	22.50	22.48	22.47	23.50
		270	0	22.32	22.32	22.32	23.50
	DFT-s-OFDM 16QAM	1	1	22.54	22.57	22.57	23.50
	DFT-s-OFDM 64QAM	1	1	20.67	20.73	20.73	22.00
	DFT-s-OFDM 256QAM	1	1	18.71	18.71	18.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	21.62	21.69	21.80	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662334	
90MHz	DFT-s-OFDM QPSK	1	1	24.05	24.08	23.88	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662668	
80MHz	DFT-s-OFDM QPSK	1	1	23.88	24.02	23.91	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	24.17	24.06	23.92	24.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663334	
60MHz	DFT-s-OFDM QPSK	1	1	24.00	23.91	23.88	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663668	
50MHz	DFT-s-OFDM QPSK	1	1	23.83	23.87	24.02	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	23.81	23.96	23.86	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664668	
20MHz	DFT-s-OFDM QPSK	1	1	23.80	23.88	23.83	24.50

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	/	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	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	26.28	26.48	26.35	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	26.34	26.41	26.45	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	26.41	26.48	26.48	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
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
		1	1	/	26.53	/	27.00
		1	137	/	26.37	/	27.00
		1	271	/	26.47	/	27.00
	DFT-s-OFDM QPSK	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	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	26.48	26.51	26.38	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	26.32	26.28	26.41	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	26.45	26.41	26.39	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	26.41	26.49	26.51	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	26.48	26.38	26.29	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	26.39	26.38	26.41	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	26.42	26.28	26.31	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	26.38	26.41	26.28	27.00

N78 CLASS 2 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	/	13.88	/	14.50
		1	137	/	13.81	/	14.50
		1	271	/	13.95	/	14.50
		135	0	/	12.80	/	13.50
		135	69	/	13.87	/	14.50
		135	138	/	12.68	/	13.50
		270	0	/	12.84	/	13.50
	DFT-s-OFDM QPSK	1	1	/	13.92	/	14.50
		1	137	/	13.84	/	14.50
		1	271	/	13.85	/	14.50
		135	0	/	12.80	/	13.50
		135	69	/	13.89	/	14.50
		135	138	/	12.68	/	13.50
		270	0	/	12.78	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	12.79	/	13.50
	DFT-s-OFDM 64QAM	1	1	/	10.75	/	12.00
	DFT-s-OFDM 256QAM	1	1	/	9.19	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		11.57		12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	13.93	13.78	13.73	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	13.81	13.47	13.68	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	13.70	13.79	13.65	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	13.79	13.77	13.71	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	13.73	13.90	13.77	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	13.78	13.85	13.85	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	13.86	13.90	13.93	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	13.89	13.84	13.75	14.50

N78 CLASS 2 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	/	13.89	/	14.50
		1	137	/	13.79	/	14.50
		1	271	/	13.97	/	14.50
		135	0	/	12.85	/	13.50
		135	69	/	13.86	/	14.50
		135	138	/	12.64	/	13.50
		270	0	/	12.86	/	13.50
	DFT-s-OFDM QPSK	1	1	/	13.96	/	14.50
		1	137	/	13.81	/	14.50
		1	271	/	13.91	/	14.50
		135	0	/	12.75	/	13.50
		135	69	/	13.87	/	14.50
		135	138	/	12.74	/	13.50
		270	0	/	12.81	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	12.75	/	13.50

	DFT-s-OFDM 64QAM	1	1	/	10.74	/	12.00
	DFT-s-OFDM 256QAM	1	1	/	9.20	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	11.58	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	13.93	13.92	13.83	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	13.72	13.73	13.85	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	13.89	13.85	13.83	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	13.84	13.91	13.91	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	13.92	13.83	13.69	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	13.79	13.80	13.84	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	13.84	13.73	13.72	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	13.81	13.85	13.69	14.50

N78 CLASS 2 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	/	19.33	/	20.00
		1	137	/	19.27	/	20.00
		1	271	/	19.49	/	20.00
		135	0	/	18.31	/	19.00
		135	69	/	19.36	/	20.00
		135	138	/	18.22	/	19.00
		270	0	/	18.30	/	19.00
	DFT-s-OFDM QPSK	1	1	/	19.45	/	20.00
		1	137	/	19.29	/	20.00
		1	271	/	19.40	/	20.00
		135	0	/	18.26	/	19.00
		135	69	/	19.38	/	20.00
		135	138	/	18.17	/	19.00
		270	0	/	18.29	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.26	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	16.26	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	14.68	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		17.05		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.42	19.30	19.20	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.27	18.99	19.18	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.18	19.28	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.27	19.27	19.18	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.20	19.42	19.26	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.28	19.34	19.39	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	19.33	19.42	19.39	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.40	19.35	19.29	20.00

N78 CLASS 2 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	/	19.39	/	20.00	
		1	137	/	19.32	/	20.00	
		1	271	/	19.46	/	20.00	
		135	0	/	18.36	/	19.00	
		135	69	/	19.34	/	20.00	
		135	138	/	18.16	/	19.00	
		270	0	/	18.34	/	19.00	
	DFT-s-OFDM QPSK	1	1	/	19.44	/	20.00	
		1	137	/	19.30	/	20.00	
		1	271	/	19.42	/	20.00	
		135	0	/	18.28	/	19.00	
		135	69	/	19.40	/	20.00	
		135	138	/	18.24	/	19.00	
		270	0	/	18.35	/	19.00	
	DFT-s-OFDM 16QAM	1	1	/	18.26	/	19.00	
	DFT-s-OFDM 64QAM	1	1	/	16.25	/	17.50	
	DFT-s-OFDM 256QAM	1	1	/	14.71	/	15.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	17.11	/	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	19.41	19.42	19.28	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	19.27	19.22	19.32	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	19.37	19.32	19.33	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	19.31	19.41	19.43	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	19.38	19.29	19.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	19.29	19.32	19.34	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	19.37	19.22	19.26	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	19.28	19.33	19.21	20.00

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

	DFT-s-OFDM QPSK	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 630668	Channel 633334	Channel 636000	Tune up
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

12.6 Conducted Power of NR SA Antenna (Ant5)

N7				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	24.11	24.28	24.13	25.50
		1	108	24.05	24.07	23.99	25.50
		1	214	24.03	24.13	24.07	25.50
		108	0	23.37	23.45	23.42	24.50
		108	54	24.01	24.01	24.00	25.50
		108	108	23.21	23.32	23.25	24.50
		216	0	23.53	23.66	23.56	24.50
	DFT-s-OFDM QPSK	1	1	24.12	24.29	24.22	25.50
		1	108	24.07	24.13	24.05	25.50
		1	214	24.12	24.15	24.14	25.50
		108	0	23.42	23.50	23.44	24.50
		108	54	24.01	24.10	24.08	25.50
		108	108	23.30	23.38	23.31	24.50
		216	0	23.62	23.69	23.59	24.50

	DFT-s-OFDM 16QAM	1	1	23.38	23.42	23.34	24.50
	DFT-s-OFDM 64QAM	1	1	22.16	22.18	22.09	23.00
	DFT-s-OFDM 256QAM	1	1	19.76	19.80	19.80	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	CP-OFDM QPSK	1	1	21.89	21.95	22.01	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.92	24.17	24.17	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	24.20	24.04	23.97	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.03	23.82	23.83	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.92	24.19	23.98	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.87	23.85	24.10	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.96	23.87	24.18	25.50

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	17.05	17.20	17.06	18.50
		1	108	16.98	17.02	16.93	18.50

		1	214	16.98	17.06	17.02	18.50
		108	0	16.30	16.35	16.33	17.50
		108	54	16.91	16.95	16.95	18.50
		108	108	16.13	16.23	16.17	17.50
		216	0	16.47	16.58	16.49	17.50
	DFT-s-OFDM QPSK	1	1	17.07	17.22	17.13	18.50
		1	108	17.00	17.05	16.96	18.50
		1	214	17.03	17.05	17.07	18.50
		108	0	16.32	16.41	16.34	17.50
		108	54	16.92	17.02	17.00	18.50
		108	108	16.21	16.32	16.24	17.50
		216	0	16.55	16.61	16.53	17.50
	DFT-s-OFDM 16QAM	1	1	16.31	16.37	16.26	17.50
	DFT-s-OFDM 64QAM	1	1	15.08	15.11	15.02	16.00
	DFT-s-OFDM 256QAM	1	1	12.67	12.75	12.73	14.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					504000	507000	510000
	40MHz	CP-OFDM QPSK	1	1	15.23	15.22	15.12
					503000	507000	511000
	30MHz	DFT-s-OFDM QPSK	1	1	17.06	17.19	17.05
					502500	507000	511500
	25MHz	DFT-s-OFDM QPSK	1	1	17.01	17.21	17.07
					502000	507000	512000
	20MHz	DFT-s-OFDM QPSK	1	1	17.05	17.22	17.06
					501500	507000	512500
	15MHz	DFT-s-OFDM QPSK	1	1	17.06	17.18	17.06
					501000	507000	513000
	10MHz	DFT-s-OFDM QPSK	1	1	17.04	17.20	17.04

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	17.06	17.20	17.03	18.50

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	19.03	19.18	19.06	20.50	
		1	108	18.96	18.98	18.89	20.50	
		1	214	18.96	19.06	19.00	20.50	
		108	0	18.30	18.38	18.36	19.50	
		108	54	18.96	18.95	18.95	20.50	
		108	108	18.14	18.27	18.15	19.50	
		216	0	18.48	18.58	18.51	19.50	
		DFT-s-OFDM QPSK	1	1	19.05	19.21	19.17	20.50
			1	108	18.97	19.07	19.00	20.50
			1	214	19.05	19.10	19.04	20.50
			108	0	18.36	18.42	18.38	19.50
			108	54	18.93	19.00	19.03	20.50
	108		108	18.20	18.30	18.26	19.50	
		216	0	18.52	18.64	18.54	19.50	
		DFT-s-OFDM 16QAM	1	1	18.28	18.32	18.24	19.50
		DFT-s-OFDM 64QAM	1	1	17.09	17.10	16.99	18.00
		DFT-s-OFDM 256QAM	1	1	14.70	14.70	14.73	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
40MHz	CP-OFDM QPSK	1	1	17.02	17.12	17.21	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503000	507000	511000		
30MHz	DFT-s-OFDM QPSK	1	1	19.03	19.18	19.05	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502500	507000	511500		
25MHz	DFT-s-OFDM QPSK	1	1	19.05	19.20	19.07	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.04	19.21	19.03	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	19.03	19.22	19.08	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	19.06	19.19	19.06	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	19.06	19.18	19.08	20.50

N38 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.20	15.30	15.33	17.00
		1	53	15.30	15.23	15.18	17.00
		1	104	15.20	15.24	15.32	17.00
		50	0	14.51	14.57	14.54	16.00
		50	28	15.39	15.40	15.32	17.00
		50	56	14.54	14.46	14.44	16.00
		100	0	14.62	14.69	14.56	16.00
	DFT-s-OFDM QPSK	1	1	15.45	15.45	15.47	17.00
		1	53	15.35	15.27	15.22	17.00
		1	104	15.27	15.29	15.34	17.00
		50	0	14.57	14.62	14.62	16.00
		50	28	15.40	15.41	15.36	17.00
		50	56	14.55	14.57	14.44	16.00
		100	0	14.66	14.74	14.64	16.00
	DFT-s-OFDM 16QAM	1	1	14.12	14.10	14.01	16.00
	DFT-s-OFDM 64QAM	1	1	12.81	12.84	12.82	14.50
	DFT-s-OFDM 256QAM	1	1	11.38	11.43	11.33	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	12.78	12.75	12.69	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	15.18	15.29	15.32	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	15.19	15.34	15.34	17.00

N38 Sensor on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.31	19.41	19.42	21.00
		1	53	19.42	19.30	19.25	21.00
		1	104	19.28	19.32	19.41	21.00
		50	0	18.60	18.65	18.65	20.00
		50	28	19.48	19.50	19.42	21.00
		50	56	18.64	18.54	18.52	20.00
		100	0	18.74	18.79	18.68	20.00
	DFT-s-OFDM QPSK	1	1	19.54	19.55	19.52	21.00
		1	53	19.41	19.40	19.34	21.00
		1	104	19.36	19.38	19.44	21.00
		50	0	18.67	18.73	18.72	20.00
		50	28	19.53	19.55	19.45	21.00
		50	56	18.62	18.66	18.56	20.00
		100	0	18.72	18.85	18.74	20.00
	DFT-s-OFDM 16QAM	1	1	18.05	18.05	18.10	20.00
	DFT-s-OFDM 64QAM	1	1	16.90	16.96	16.94	18.50
	DFT-s-OFDM 256QAM	1	1	15.43	15.49	15.42	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	17.65	17.66	27.87	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.31	19.40	19.44	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.33	19.42	19.42	21.00

N38 Sensor off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.31	23.40	23.43	25.00
		1	53	23.38	23.34	23.27	25.00
		1	104	23.30	23.33	23.43	25.00
		50	0	22.63	22.67	22.64	24.00
		50	28	23.46	23.48	23.39	25.00
		50	56	22.62	22.57	22.50	24.00
		100	0	22.77	22.81	22.65	24.00
	DFT-s-OFDM QPSK	1	1	23.56	23.55	23.55	25.00
		1	53	23.42	23.38	23.34	25.00
		1	104	23.40	23.34	23.47	25.00
		50	0	22.68	22.73	22.67	24.00
		50	28	23.50	23.55	23.43	25.00
		50	56	22.63	22.62	22.58	24.00
		100	0	22.76	22.86	22.77	24.00
	DFT-s-OFDM 16QAM	1	1	22.03	22.06	22.06	24.00
	DFT-s-OFDM 64QAM	1	1	20.89	20.94	20.92	22.50
	DFT-s-OFDM 256QAM	1	1	19.47	19.50	19.43	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	518000	519000	520000	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	517000	519000	521000	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	516000	519000	522000	25.00

N41				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.51	24.55	24.43	25.70
		1	137	24.57	24.61	24.63	25.70
		1	271	24.58	24.66	24.93	25.70
		135	0	23.92	23.99	23.93	24.70

		135	69	24.57	24.64	24.58	25.70
		135	138	24.02	24.20	24.11	24.70
		270	0	24.00	24.04	24.04	24.70
	DFT-s-OFDM QPSK	1	1	24.86	25.02	24.85	25.70
		1	137	24.60	24.69	24.65	25.70
		1	271	24.52	24.56	24.52	25.70
		135	0	23.96	24.00	23.97	24.70
		135	69	24.61	24.71	24.61	25.70
		135	138	24.11	24.20	24.16	24.70
		270	0	24.05	24.12	24.05	24.70
	DFT-s-OFDM 16QAM	1	1	23.31	23.35	23.34	24.70
	DFT-s-OFDM 64QAM	1	1	21.81	21.86	21.85	23.20
	DFT-s-OFDM 256QAM	1	1	19.28	19.35	19.32	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	24.51	24.65	24.79	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	24.67	24.73	24.63	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	24.86	24.54	24.68	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	24.73	24.79	24.77	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	24.73	24.53	24.79	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	24.71	24.63	24.67	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	

30MHz	DFT-s-OFDM QPSK	1	1	24.68	24.87	24.58	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.67	24.73	24.83	25.70

N41 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.05	16.05	15.93	17.20
		1	137	16.07	16.13	16.13	17.20
		1	271	16.09	16.19	16.44	17.20
		135	0	15.46	15.52	15.45	16.20
		135	69	16.12	16.14	16.12	17.20
		135	138	15.57	15.70	15.62	16.20
		270	0	15.55	15.54	15.58	16.20
	DFT-s-OFDM QPSK	1	1	16.39	16.57	16.36	17.20
		1	137	16.12	16.19	16.20	17.20
		1	271	16.02	16.09	16.02	17.20
		135	0	15.47	15.55	15.51	16.20
		135	69	16.13	16.22	16.13	17.20
		135	138	15.66	15.73	15.71	16.20
		270	0	15.56	15.62	15.59	16.20
	DFT-s-OFDM 16QAM	1	1	14.86	14.88	14.89	16.20
	DFT-s-OFDM 64QAM	1	1	13.34	13.38	13.36	14.70
	DFT-s-OFDM 256QAM	1	1	10.78	10.90	10.85	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	509202	518598	528000	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	518598	528996	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	518598	529998	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	16.02	16.07	15.98	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	16.04	16.06	15.97	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	16.04	16.08	15.95	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	16.04	16.07	15.95	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	16.06	16.09	15.98	17.20

N41 Sensor on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.05	20.06	19.94	21.20
		1	137	20.08	20.11	20.17	21.20
		1	271	20.08	20.17	20.46	21.20
		135	0	19.43	19.54	19.45	20.20
		135	69	20.11	20.17	20.10	21.20
		135	138	19.52	19.70	19.64	20.20
		270	0	19.52	19.57	19.55	20.20
	DFT-s-OFDM QPSK	1	1	20.38	20.53	20.38	21.20
		1	137	20.10	20.23	20.18	21.20
		1	271	20.05	20.10	20.02	21.20
		135	0	19.49	19.55	19.51	20.20
		135	69	20.14	20.25	20.15	21.20
		135	138	19.61	19.75	19.71	20.20
		270	0	19.57	19.66	19.58	20.20
	DFT-s-OFDM 16QAM	1	1	18.83	18.89	18.88	20.20
	DFT-s-OFDM 64QAM	1	1	17.36	17.40	17.36	18.70
	DFT-s-OFDM 256QAM	1	1	14.83	14.89	14.87	16.70

Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	18.45	18.46	18.55	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	20.02	20.10	19.98	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	20.01	20.08	19.96	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.05	20.06	19.96	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	20.05	20.06	19.95	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.06	20.05	19.93	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.04	20.05	19.93	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.03	20.09	19.95	21.20

12.7 Conducted Power of NR SA Antenna (Ant6)

N77				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	/	20.57	/	21.50
		1	137	/	20.58	/	21.50
		1	271	/	20.60	/	21.50
		135	0	/	19.60	/	20.50
		135	69	/	20.61	/	21.50

		135	138	/	19.60	/	20.50
		270	0	/	19.57	/	20.50
	DFT-s-OFDM QPSK	1	1	/	20.65	/	21.50
		1	137	/	20.57	/	21.50
		1	271	/	20.63	/	21.50
		135	0	/	19.64	/	20.50
		135	69	/	20.62	/	21.50
		135	138	/	19.65	/	20.50
		270	0	/	19.62	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	19.98	/	20.50
	DFT-s-OFDM 64QAM	1	1	/	18.22	/	19.00
	DFT-s-OFDM 256QAM	1	1	/	16.29	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	18.53	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	20.52	20.30	20.49	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	20.43	20.35	20.57	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	20.20	20.18	20.28	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.44	20.40	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	20.21	20.37	20.28	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

40MHz	DFT-s-OFDM QPSK	1	1	20.21	20.31	20.45	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.22	20.44	20.26	21.50

N77					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	21.60	22.12	22.09	23.00
		1	137	21.55	22.10	22.08	23.00
		1	271	21.58	22.07	22.11	23.00
		135	0	20.57	21.10	21.15	22.00
		135	69	21.56	22.10	22.10	23.00
		135	138	20.57	21.13	21.12	22.00
		270	0	20.56	21.04	21.10	22.00
	DFT-s-OFDM QPSK	1	1	21.69	22.17	22.16	23.00
		1	137	21.59	22.06	22.12	23.00
		1	271	21.64	22.15	22.13	23.00
		135	0	20.69	21.15	21.19	22.00
		135	69	21.68	22.10	22.12	23.00
		135	138	20.60	21.13	21.20	22.00
		270	0	20.59	21.16	21.13	22.00
	DFT-s-OFDM 16QAM	1	1	20.98	21.47	21.53	22.00
	DFT-s-OFDM 64QAM	1	1	19.24	19.76	19.68	20.50
	DFT-s-OFDM 256QAM	1	1	17.24	17.80	17.81	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	19.11	19.11	19.20	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662334	
90MHz	DFT-s-OFDM QPSK	1	1	21.82	21.67	21.87	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662668	
80MHz	DFT-s-OFDM QPSK	1	1	21.63	21.80	21.74	23.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	21.42	21.78	21.72	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663334	
60MHz	DFT-s-OFDM QPSK	1	1	21.75	21.81	21.76	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663668	
50MHz	DFT-s-OFDM QPSK	1	1	21.57	21.61	21.75	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	21.82	21.85	21.64	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664668	
20MHz	DFT-s-OFDM QPSK	1	1	21.60	21.70	21.51	23.00

N77 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	/	14.51	/	15.50
		1	137	/	14.53	/	15.50
		1	271	/	14.51	/	15.50
		135	0	/	13.51	/	14.50
		135	69	/	14.55	/	15.50
		135	138	/	13.52	/	14.50
		270	0	/	13.51	/	14.50
	DFT-s-OFDM QPSK	1	1	/	14.75	/	15.50
		1	137	/	14.49	/	15.50
		1	271	/	14.56	/	15.50
		135	0	/	13.54	/	14.50
		135	69	/	14.72	/	15.50
		135	138	/	13.56	/	14.50
		270	0	/	13.54	/	14.50
	DFT-s-OFDM 16QAM	1	1	/	13.92	/	14.50
	DFT-s-OFDM 64QAM	1	1	/	12.14	/	13.00

	DFT-s-OFDM 256QAM	1	1	/	10.20	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	12.44	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	14.42	14.21	14.41	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	14.37	14.30	14.51	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	14.13	14.11	14.23	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	14.35	14.34	14.33	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	14.15	14.26	14.40	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	14.16	14.27	14.19	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.14	14.37	14.20	15.50

N77 Receiver 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 PI/2 BPSK	1	1	15.52	16.04	16.00	17.00
		1	137	15.48	16.02	16.01	17.00
		1	271	15.48	15.97	16.01	17.00

		135	0	14.52	15.02	15.08	16.00
		135	69	15.51	16.04	16.04	17.00
		135	138	14.50	15.08	15.04	16.00
		270	0	14.50	14.99	15.04	16.00
	DFT-s-OFDM QPSK	1	1	15.60	16.36	16.08	17.00
		1	137	15.50	16.29	16.06	17.00
		1	271	15.56	16.35	16.04	17.00
		135	0	14.64	15.38	15.11	16.00
		135	69	15.59	16.33	16.04	17.00
		135	138	14.50	15.33	15.13	16.00
		270	0	14.51	15.41	15.05	16.00
	DFT-s-OFDM 16QAM	1	1	14.89	15.41	15.46	16.00
	DFT-s-OFDM 64QAM	1	1	13.18	13.68	13.59	14.50
	DFT-s-OFDM 256QAM	1	1	11.16	11.70	11.74	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	13.05	13.02	13.10	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	15.75	15.61	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	15.57	15.72	15.66	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	15.37	15.69	15.64	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.68	15.75	15.68	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.51	15.53	15.70	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up

40MHz	DFT-s-OFDM QPSK	1	1	15.75	15.79	15.58	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.50	15.65	15.45	17.00

N77 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	/	15.51	/	16.50
		1	137	/	15.50	/	16.50
		1	271	/	15.52	/	16.50
		135	0	/	14.50	/	15.50
		135	69	/	15.54	/	16.50
		135	138	/	14.51	/	15.50
		270	0	/	14.49	/	15.50
	DFT-s-OFDM QPSK	1	1	/	15.55	/	16.50
		1	137	/	15.50	/	16.50
		1	271	/	15.56	/	16.50
		135	0	/	14.54	/	15.50
		135	69	/	15.54	/	16.50
		135	138	/	14.57	/	15.50
		270	0	/	14.56	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.90	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	13.14	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	11.19	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	13.43	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.46	15.23	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	15.36	15.30	15.51	16.50

Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	15.11	15.13	15.19	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.35	15.34	15.38	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.13	15.32	15.18	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.16	15.24	15.40	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.17	15.35	15.17	16.50

N77 Sensor 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 PI/2 BPSK	1	1	16.53	17.02	17.02	18.00
		1	137	16.46	17.05	17.02	18.00
		1	271	16.51	16.99	17.02	18.00
		135	0	15.50	16.00	16.08	17.00
		135	69	16.49	17.03	17.00	18.00
		135	138	15.49	16.03	16.03	17.00
		270	0	15.51	15.95	16.04	17.00
	DFT-s-OFDM QPSK	1	1	16.60	17.10	17.09	18.00
		1	137	16.50	17.01	17.04	18.00
		1	271	16.54	17.06	17.08	18.00
		135	0	15.61	16.06	16.09	17.00
		135	69	16.58	17.02	17.05	18.00
		135	138	15.55	16.03	16.11	17.00
		270	0	15.49	16.09	16.06	17.00
	DFT-s-OFDM 16QAM	1	1	15.91	16.38	16.48	17.00
	DFT-s-OFDM 64QAM	1	1	14.14	14.70	14.60	15.50

	DFT-s-OFDM 256QAM	1	1	12.14	12.74	12.73	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	14.06	14.02	14.14	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	16.77	16.62	16.81	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	16.57	16.72	16.68	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	16.32	16.71	16.66	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.65	16.76	16.70	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.49	16.53	16.66	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.75	16.75	16.54	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.54	16.65	16.41	18.00

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	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.52	22.18	22.38	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	22.46	22.48	22.38	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	

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	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	20.21	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	22.38	22.51	22.42	23.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	22.54	22.56	22.18	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	22.45	22.41	22.35	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	22.48	22.43	22.36	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	22.18	22.19	22.35	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	22.48	22.24	22.62	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	22.52	22.61	22.48	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	22.51	22.44	22.49	23.50

N78 CLASS 2 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	/	15.52	/	16.50
		1	137	/	15.42	/	16.50
		1	271	/	15.45	/	16.50
		135	0	/	14.79	/	15.50
		135	69	/	15.46	/	16.50
		135	138	/	14.76	/	15.50
		270	0	/	14.88	/	15.50
	DFT-s-OFDM QPSK	1	1	/	15.57	/	16.50
		1	137	/	15.36	/	16.50
		1	271	/	15.33	/	16.50

		135	0	/	14.74	/	15.50
		135	69	/	15.56	/	16.50
		135	138	/	14.79	/	15.50
		270	0	/	14.75	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.61	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.76	/	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	15.43	15.52	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	15.26	15.39	15.32	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	15.30	15.22	15.35	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.45	15.09	15.29	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.38	15.38	15.33	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.22	15.29	15.41	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	

30MHz	DFT-s-OFDM QPSK	1	1	15.39	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	15.22	15.12	15.40	16.50

N78 CLASS 2 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	/	15.48	/	16.50
		1	137	/	15.40	/	16.50
		1	271	/	15.42	/	16.50
		135	0	/	14.81	/	15.50
		135	69	/	15.48	/	16.50
		135	138	/	14.76	/	15.50
		270	0	/	14.84	/	15.50
	DFT-s-OFDM QPSK	1	1	/	15.54	/	16.50
		1	137	/	15.34	/	16.50
		1	271	/	15.39	/	16.50
		135	0	/	14.76	/	15.50
		135	69	/	15.51	/	16.50
		135	138	/	14.77	/	15.50
		270	0	/	14.80	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.61	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.83	/	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	/	13.12	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.29	15.42	15.35	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	15.44	15.49	15.10	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	15.32	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	15.39	15.38	15.28	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.08	15.10	15.30	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.40	15.17	15.54	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.45	15.51	15.41	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.42	15.35	15.43	16.50

N78 CLASS 2 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	/	17.52	/	18.50
		1	137	/	17.42	/	18.50
		1	271	/	17.46	/	18.50
		135	0	/	16.81	/	17.50
		135	69	/	17.45	/	18.50
		135	138	/	16.72	/	17.50
		270	0	/	16.90	/	17.50
	DFT-s-OFDM QPSK	1	1	/	17.59	/	18.50
		1	137	/	17.34	/	18.50
		1	271	/	17.33	/	18.50
		135	0	/	16.73	/	17.50
		135	69	/	17.55	/	18.50
		135	138	/	16.78	/	17.50
		270	0	/	16.73	/	17.50

	DFT-s-OFDM 16QAM	1	1	/	16.58	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	14.78	/	16.00
	DFT-s-OFDM 256QAM	1	1	/	13.05	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		15.15		16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.45	17.51	17.41	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.22	17.38	17.29	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	17.28	17.18	17.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.43	17.12	17.30	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.41	17.39	17.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.24	17.26	17.42	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	17.37	17.32	17.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	

20MHz	DFT-s-OFDM QPSK	1	1	17.24	17.11	17.38	18.50
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N78 CLASS 2 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	/	17.48	/	18.50
		1	137	/	17.39	/	18.50
		1	271	/	17.42	/	18.50
		135	0	/	16.82	/	17.50
		135	69	/	17.51	/	18.50
		135	138	/	16.79	/	17.50
		270	0	/	16.84	/	17.50
	DFT-s-OFDM QPSK	1	1	/	17.56	/	18.50
		1	137	/	17.39	/	18.50
		1	271	/	17.37	/	18.50
		135	0	/	16.79	/	17.50
		135	69	/	17.54	/	18.50
		135	138	/	16.78	/	17.50
		270	0	/	16.80	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.59	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	14.82	/	16.00
	DFT-s-OFDM 256QAM	1	1	/	13.09	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	15.14	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	17.33	17.41	17.34	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	17.49	17.48	17.12	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	17.36	17.36	17.28	18.50

Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.40	17.36	17.29	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.09	17.09	17.28	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.42	17.14	17.56	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.42	17.51	17.40	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.41	17.38	17.40	18.50

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	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.49	20.39	20.42	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.27	20.41	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	20.53	20.34	20.11	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
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 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.57	20.33	20.64	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.55	20.71	20.41	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.55	20.36	20.41	21.50

12.8 Conducted Power of NR SA Antenna (Ant7)

N77 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	/	14.04	/	15.00
		1	137	/	13.98	/	15.00
		1	271	/	14.02	/	15.00
		135	0	/	12.91	/	14.00
		135	69	/	14.24	/	15.00
		135	138	/	12.93	/	14.00
		270	0	/	12.94	/	14.00
	DFT-s-OFDM QPSK	1	1	/	14.38	/	15.00
		1	137	/	13.97	/	15.00
		1	271	/	13.96	/	15.00
		135	0	/	12.98	/	14.00
		135	69	/	14.10	/	15.00
		135	138	/	12.94	/	14.00
		270	0	/	12.93	/	14.00
	DFT-s-OFDM 16QAM	1	1	/	12.83	/	14.00
	DFT-s-OFDM 64QAM	1	1	/	11.25	/	12.50
	DFT-s-OFDM 256QAM	1	1	/	9.61	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	11.95	/	13.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	14.10	14.02	13.89	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	13.93	13.93	13.92	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	14.00	14.04	14.13	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	14.01	13.93	13.97	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	13.85	13.99	13.98	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	14.15	14.11	13.89	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	13.98	14.04	13.91	15.00

N77 Receiver 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 PI/2 BPSK	1	1	14.06	15.06	15.07	-5.50
		1	137	13.93	14.88	14.90	15.50
		1	271	14.01	15.00	15.02	15.50
		135	0	12.91	13.89	13.98	14.50
		135	69	14.27	15.20	15.17	15.50
		135	138	13.02	13.93	13.89	14.50
		270	0	12.90	13.93	14.01	14.50
	DFT-s-OFDM QPSK	1	1	14.15	15.26	15.17	15.50
		1	137	13.99	15.00	15.05	15.50
		1	271	13.97	14.96	15.08	15.50
		135	0	12.95	14.01	14.00	14.50

		135	69	14.12	15.26	15.09	15.50
		135	138	12.95	13.94	13.89	14.50
		270	0	12.98	14.02	13.99	14.50
	DFT-s-OFDM 16QAM	1	1	12.80	13.87	13.81	14.50
	DFT-s-OFDM 64QAM	1	1	11.24	12.34	12.26	13.00
	DFT-s-OFDM 256QAM	1	1	9.61	10.70	10.67	11.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 654800	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	12.17	11.86	11.81	13.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	15.05	15.27	14.75	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	14.87	14.74	14.95	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	15.02	14.74	15.09	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	14.94	14.79	14.73	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	14.81	15.11	15.32	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.09	15.19	15.13	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.03	14.90	14.90	15.50

N77 Sensor off	Conducted Power(dBm)
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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	/	15.04	/	16.00
		1	137	/	14.97	/	16.00
		1	271	/	15.02	/	16.00
		135	0	/	13.94	/	15.00
		135	69	/	15.22	/	16.00
		135	138	/	13.97	/	15.00
		270	0	/	13.95	/	15.00
	DFT-s-OFDM QPSK	1	1	/	15.18	/	16.00
		1	137	/	15.01	/	16.00
		1	271	/	15.01	/	16.00
		135	0	/	13.99	/	15.00
		135	69	/	15.12	/	16.00
		135	138	/	13.94	/	15.00
		270	0	/	13.96	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	13.83	/	15.00
	DFT-s-OFDM 64QAM	1	1	/	12.27	/	13.50
	DFT-s-OFDM 256QAM	1	1	/	10.62	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	12.94	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.09	15.06	14.92	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	14.91	14.95	14.96	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	14.99	15.08	15.16	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.03	14.93	14.92	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	

50MHz	DFT-s-OFDM QPSK	1	1	14.90	15.00	14.96	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.16	15.08	14.92	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.00	15.04	14.91	16.00

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	15.08	16.11	16.03	-4.50
		1	137	14.93	15.93	15.92	16.50
		1	271	15.00	16.01	16.04	16.50
		135	0	13.90	14.89	14.98	15.50
		135	69	15.26	16.22	16.15	16.50
		135	138	14.00	14.90	14.94	15.50
		270	0	13.90	14.96	14.99	15.50
	DFT-s-OFDM QPSK	1	1	15.17	16.22	16.20	16.50
		1	137	14.99	16.01	16.08	16.50
		1	271	14.95	15.96	16.09	16.50
		135	0	13.95	14.99	15.00	15.50
		135	69	15.15	16.25	16.10	16.50
		135	138	13.93	14.93	14.88	15.50
		270	0	14.00	15.03	15.03	15.50
	DFT-s-OFDM 16QAM	1	1	13.80	14.90	14.82	15.50
	DFT-s-OFDM 64QAM	1	1	12.25	13.34	13.30	14.00
	DFT-s-OFDM 256QAM	1	1	10.66	11.66	11.67	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	654800	662000	
100MHz	CP-OFDM QPSK	1	1	13.16	12.85	12.78	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662334	
90MHz	DFT-s-OFDM QPSK	1	1	16.04	16.22	15.77	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662668	

80MHz	DFT-s-OFDM QPSK	1	1	15.85	15.74	15.97	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	16.02	15.75	16.10	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.91	15.84	15.71	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.83	16.10	16.29	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.10	16.20	16.14	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.06	15.90	15.90	16.50

N78 CLASS 2 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	/	13.81	/	14.00
		1	137	/	13.42	/	14.00
		1	271	/	13.68	/	14.00
		135	0	/	12.88	/	13.00
		135	69	/	13.75	/	14.00
		135	138	/	12.83	/	13.00
		270	0	/	12.69	/	13.00
	DFT-s-OFDM QPSK	1	1	/	13.74	/	14.00
		1	137	/	13.36	/	14.00
		1	271	/	13.73	/	14.00
		135	0	/	12.80	/	13.00
		135	69	/	13.76	/	14.00
		135	138	/	12.81	/	13.00
		270	0	/	12.69	/	13.00
	DFT-s-OFDM 16QAM	1	1	/	12.83	/	13.00
	DFT-s-OFDM 64QAM	1	1	/	11.27	/	11.50

	DFT-s-OFDM 256QAM	1	1	/	9.42	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		11.56		11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	13.70	13.47	13.63	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	13.60	13.36	13.33	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	13.73	13.33	13.32	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	13.32	13.69	13.53	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	13.80	13.58	13.43	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	13.78	13.58	13.45	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	13.79	13.25	13.26	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	13.50	13.42	13.65	14.00

N78 CLASS 2 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	/	13.84	/	14.00
		1	137	/	13.83	/	14.00
		1	271	/	13.65	/	14.00
		135	0	/	12.88	/	13.00
		135	69	/	13.72	/	14.00
		135	138	/	12.85	/	13.00
		270	0	/	12.62	/	13.00
	DFT-s-OFDM QPSK	1	1	/	13.87	/	14.00
		1	137	/	13.46	/	14.00
		1	271	/	13.66	/	14.00
		135	0	/	12.78	/	13.00
		135	69	/	13.76	/	14.00
		135	138	/	12.83	/	13.00
		270	0	/	12.72	/	13.00
	DFT-s-OFDM 16QAM	1	1	/	12.84	/	13.00
	DFT-s-OFDM 64QAM	1	1	/	10.85	/	11.50
	DFT-s-OFDM 256QAM	1	1	/	8.88	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	10.83	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	13.26	13.62	13.58	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	13.36	13.26	13.32	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	13.26	13.55	13.41	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	13.17	13.44	13.25	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	

50MHz	DFT-s-OFDM QPSK	1	1	13.61	13.15	13.29	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	13.38	13.72	13.28	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	13.20	13.28	13.47	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	13.20	13.16	13.66	14.00

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	/	16.79	/	17.00	
		1	137	/	16.43	/	17.00	
		1	271	/	16.66	/	17.00	
		135	0	/	15.86	/	16.00	
		135	69	/	16.74	/	17.00	
		135	138	/	15.82	/	16.00	
		270	0	/	15.67	/	16.00	
	DFT-s-OFDM QPSK	1	1	/	16.75	/	17.00	
		1	137	/	16.40	/	17.00	
		1	271	/	16.72	/	17.00	
		135	0	/	15.81	/	16.00	
		135	69	/	16.76	/	17.00	
		135	138	/	15.76	/	16.00	
		270	0	/	15.73	/	16.00	
	DFT-s-OFDM 16QAM	1	1	/	15.83	/	16.00	
	DFT-s-OFDM 64QAM	1	1	/	14.32	/	14.50	
	DFT-s-OFDM 256QAM	1	1	/	12.41	/	12.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
100MHz	CP-OFDM QPSK	1	1		14.52		14.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		

90MHz	DFT-s-OFDM QPSK	1	1	16.75	16.45	16.63	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	16.62	16.34	16.30	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	16.71	16.33	16.30	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.34	16.65	16.49	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.81	16.60	16.43	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.78	16.25	16.25	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.52	16.42	16.69	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.34	16.76	16.60	17.00

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	/	16.81	/	17.00
		1	137	/	16.83	/	17.00
		1	271	/	16.63	/	17.00
		135	0	/	15.86	/	16.00
		135	69	/	16.67	/	17.00
		135	138	/	15.83	/	16.00
		270	0	/	15.60	/	16.00
	DFT-s-OFDM	1	1	/	16.85	/	17.00

	QPSK	1	137	/	16.41	/	17.00
		1	271	/	16.67	/	17.00
		135	0	/	15.82	/	16.00
		135	69	/	16.74	/	17.00
		135	138	/	15.83	/	16.00
		270	0	/	15.72	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	15.82	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	13.87	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	11.87	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	13.79	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	16.26	16.62	16.56	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.35	16.25	16.31	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	16.27	16.52	16.45	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.20	16.42	16.24	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.57	16.16	16.27	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.40	16.68	16.26	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	

30MHz	DFT-s-OFDM QPSK	1	1	16.20	16.30	16.50	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.23	16.18	16.64	17.00

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	/	19.41	/	19.50
		1	137	/	18.97	/	19.50
		1	271	/	19.24	/	19.50
		135	0	/	18.50	/	18.50
		135	69	/	19.39	/	19.50
		135	138	/	18.39	/	18.50
		270	0	/	18.20	/	18.50
	DFT-s-OFDM QPSK	1	1	/	19.25	/	19.50
		1	137	/	19.00	/	19.50
		1	271	/	19.26	/	19.50
		135	0	/	18.39	/	18.50
		135	69	/	19.23	/	19.50
		135	138	/	18.38	/	18.50
		270	0	/	18.38	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	18.42	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	16.97	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	14.91	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		17.05		17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.20	19.07	19.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.24	18.99	18.83	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	

70MHz	DFT-s-OFDM QPSK	1	1	19.25	18.94	18.84	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.93	19.20	19.11	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.35	19.25	19.02	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.39	18.81	18.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.10	18.95	19.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.84	19.41	19.23	19.50

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	/	19.34	/	19.50
		1	137	/	19.50	/	19.50
		1	271	/	19.23	/	19.50
		135	0	/	18.50	/	18.50
		135	69	/	19.24	/	19.50
		135	138	/	18.40	/	18.50
		270	0	/	18.26	/	18.50
	DFT-s-OFDM QPSK	1	1	/	19.47	/	19.50
		1	137	/	18.93	/	19.50
		1	271	/	19.33	/	19.50
		135	0	/	18.35	/	18.50
		135	69	/	19.24	/	19.50
		135	138	/	18.42	/	18.50
		270	0	/	18.32	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	18.34	/	18.50

	DFT-s-OFDM 64QAM	1	1	/	16.42	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	14.38	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	16.38	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	18.88	19.18	19.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.02	18.75	18.97	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	18.89	19.10	18.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.77	19.01	18.88	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.20	18.65	18.76	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.96	19.18	18.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.67	18.81	18.97	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.74	18.83	19.21	19.50

12.9 Conducted Power of NR SA Antenna (Ant8)

N77				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	/	24.65	/	25.70
		1	137	/	24.93	/	25.70
		1	271	/	24.63	/	25.70
		135	0	/	23.78	/	24.70
		135	69	/	24.75	/	25.70
		135	138	/	24.06	/	24.70
		270	0	/	23.88	/	24.70
	DFT-s-OFDM QPSK	1	1	/	25.00	/	25.70
		1	137	/	24.81	/	25.70
		1	271	/	24.68	/	25.70
		135	0	/	23.84	/	24.70
		135	69	/	24.84	/	25.70
		135	138	/	24.10	/	24.70
		270	0	/	23.94	/	24.70
	DFT-s-OFDM 16QAM	1	1	/	23.34	/	24.70
	DFT-s-OFDM 64QAM	1	1	/	22.16	/	23.20
	DFT-s-OFDM 256QAM	1	1	/	21.07	/	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	22.09	/	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.98	24.88	24.75	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.78	24.81	24.78	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.85	24.81	24.92	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.91	24.84	24.85	25.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	24.85	24.91	24.78	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	24.85	24.90	24.88	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.98	24.84	24.91	25.70

N77					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	24.73	24.77	24.66	25.70
		1	137	24.80	24.82	24.70	25.70
		1	271	24.86	24.89	24.78	25.70
		135	0	23.70	23.74	23.70	24.70
		135	69	24.71	24.74	24.77	25.70
		135	138	23.96	24.01	24.00	24.70
		270	0	23.82	23.87	23.83	24.70
	DFT-s-OFDM QPSK	1	1	24.95	24.96	24.87	25.70
		1	137	24.83	24.86	24.72	25.70
		1	271	24.81	24.79	24.75	25.70
		135	0	23.77	23.79	23.78	24.70
		135	69	24.74	24.75	24.80	25.70
		135	138	24.02	24.05	24.07	24.70
		270	0	23.85	23.88	23.93	24.70
	DFT-s-OFDM 16QAM	1	1	23.28	23.27	23.31	24.70
	DFT-s-OFDM 64QAM	1	1	22.08	22.07	22.09	23.20
	DFT-s-OFDM 256QAM	1	1	21.01	21.00	21.06	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	654800	662000	
100MHz	CP-OFDM QPSK	1	1	24.62	24.62	24.62	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662334	
90MHz	DFT-s-OFDM QPSK	1	1	24.58	24.54	24.58	25.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662668	
80MHz	DFT-s-OFDM QPSK	1	1	24.69	24.67	24.59	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	24.57	24.65	24.64	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663334	
60MHz	DFT-s-OFDM QPSK	1	1	24.61	24.58	24.68	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663668	
50MHz	DFT-s-OFDM QPSK	1	1	24.66	24.65	24.54	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	24.66	24.69	24.65	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664668	
20MHz	DFT-s-OFDM QPSK	1	1	24.59	24.57	24.55	25.70

N77 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	/	15.59	/	16.70
		1	137	/	15.88	/	16.70
		1	271	/	15.53	/	16.70
		135	0	/	14.71	/	15.70
		135	69	/	15.66	/	16.70
		135	138	/	14.96	/	15.70
		270	0	/	14.83	/	15.70
	DFT-s-OFDM QPSK	1	1	/	15.94	/	16.70
		1	137	/	15.76	/	16.70
		1	271		15.58	/	16.70
		135	0	/	14.76	/	15.70
		135	69	/	15.78	/	16.70
		135	138	/	15.01	/	15.70
		270	0	/	14.89	/	15.70
	DFT-s-OFDM 16QAM	1	1	/	14.29	/	15.70