

4 Conducted Power of NR SA

4.1 Conducted Power of NR SA(Ant0)

N5_15kHz SET1/2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	836.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	24.23	/	25.00
		1	53	/	24.00	/	25.00
		1	104	/	23.86	/	25.00
		50	0	/	22.98	/	24.00
		50	28	/	23.96	/	25.00
		50	56	/	22.93	/	24.00
		100	0	/	23.09	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.99	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	22.53	/	23.50
				/	167300	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	/	24.20	/	25.00
				/	167300	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	/	24.16	/	25.00
				/	167300	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	165300	167300	169300	25.00
				24.35	24.20	24.10	

N71_15kHz SET1/2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
				/	680.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	22.87	/	24.00
		1	53	/	22.80	/	24.00
		1	104	/	22.75	/	24.00
		50	0	/	21.79	/	23.00
		50	28	/	22.81	/	24.00
		50	56	/	21.86	/	23.00
		100	0	/	21.62	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.78	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	21.28	/	22.50
				/	136100	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	



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15MHz	DFT-s-OFDM QPSK	1	1	/	23.00	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 133600	Channel 136100	Channel 138600	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.89	22.80	22.86	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 133100	Channel 136100	Channel 139100	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.97	22.73	22.82	24.00

N14_15kHz SRT 1/2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	158600	/	
				/	793	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	22.87	/	24.00
		1	25	/	22.92	/	24.00
		1	50	/	22.76	/	24.00
		25	0	/	21.95	/	23.00
		25	12	/	22.91	/	24.00
		25	25	/	21.90	/	23.00
		50	0	/	21.85	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.96	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	158600	Channel	Tune up
				/	793	/	
10MHz	CP-OFDM QPSK	1	1	/	21.47	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	158600	Channel	Tune up
				/	793	/	
5MHz	DFT-s-OFDM QPSK	1	1	/	22.82	/	24.00



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4.2 Conducted Power of NR SA(Ant2)

N2_15kHz SET1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	19.03	19.21	19.13	19.50
		1	53	19.14	19.23	19.16	19.50
		1	104	19.12	19.03	19.10	19.50
		50	0	18.15	18.16	18.23	18.50
		50	28	19.11	19.28	19.24	19.50
		50	56	18.16	18.18	18.26	18.50
		100	0	18.01	18.23	17.03	18.50
	DFT-s-OFDM 16QAM	1	1	18.07	18.16	18.29	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	17.57	17.63	17.79	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.10	19.13	19.18	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.25	18.91	18.95	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	18.99	19.31	19.14	19.50

N2_15kHz SET2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	21.99	22.16	22.16	22.50
		1	53	22.07	22.29	22.19	22.50
		1	104	22.05	21.96	22.11	22.50
		50	0	21.03	20.90	21.30	21.50
		50	28	22.01	22.03	22.30	22.50
		50	56	21.08	21.01	21.17	21.50
		100	0	21.02	21.10	20.20	21.50
	DFT-s-OFDM 16QAM	1	1	21.06	20.98	21.21	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	20.59	20.49	20.72	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.85	22.16	22.22	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.18	21.86	22.12	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	



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5MHz	DFT-s-OFDM QPSK	1	1	22.07	22.14	22.22	22.50
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N25_15kHz SET1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376500	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	1882.5	/	19.50
		1	108	/	19.12	/	19.50
		1	214	/	19.22	/	19.50
		108	0	/	19.18	/	19.50
		108	54	/	18.19	/	18.50
		108	108	/	19.21	/	19.50
		216	0	/	18.25	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	18.09	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	376500	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	376500	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	CP-OFDM QPSK	1	1	/	376500	/	19.25
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	372000	376500	381000	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	371500	376500	381500	19.08
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	371000	376500	382000	19.26
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	370500	376500	382500	19.15

N25_15kHz SET1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376500	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	1882.5	/	22.14
		1	108	/	22.25	/	22.50
		1	214	/	22.25	/	22.50
		108	0	/	21.20	/	21.50
		108	54	/	22.22	/	22.50
		108	108	/	21.34	/	21.50
		216	0	/	21.09	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	21.32	/	21.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376500	/	
40MHz	CP-OFDM QPSK	1	1	/	20.65	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376500	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	22.24	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376500	/	
25MHz	CP-OFDM QPSK	1	1	/	22.21	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
20MHz	CP-OFDM QPSK	1	1	22.00	22.34	22.03	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	22.24	22.09	22.22	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376500	382000	
10MHz	DFT-s-OFDM QPSK	1	1	22.08	22.00	22.07	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz	DFT-s-OFDM QPSK	1	1	22.22	22.14	22.08	22.50

N66_15kHz SET1				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	349000	/	
				/	1745	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.75	/	20.50
	DFT-s-OFDM QPSK	1	108	/	19.73	/	20.50
	DFT-s-OFDM QPSK	1	214	/	19.68	/	20.50
		108	0	/	18.80	/	19.50
		108	54	/	19.81	/	20.50
	DFT-s-OFDM QPSK	108	108	/	18.76	/	19.50
	DFT-s-OFDM QPSK	216	0	/	18.85	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.81	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	CP-OFDM QPSK	1	1	/	18.29	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	19.70	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	19.61	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	



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20MHz	DFT-s-OFDM QPSK	1	1	19.65	19.80	19.74	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.67	19.76	19.85	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.88	19.85	19.60	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	19.80	19.75	19.68	20.50

N66 15kHz SET2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
				/	1745	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.75	/	22.50
	DFT-s-OFDM QPSK	1	108	/	21.66	/	22.50
	DFT-s-OFDM QPSK	1	214	/	21.67	/	22.50
		108	0	/	20.73	/	21.50
		108	54	/	21.72	/	22.50
	DFT-s-OFDM QPSK	108	108	/	20.77	/	21.50
	DFT-s-OFDM QPSK	216	0	/	20.92	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.72	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	CP-OFDM QPSK	1	1	/	20.21	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	21.61	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	21.86	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.73	21.80	21.90	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.87	21.72	21.65	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.71	21.76	21.62	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.82	21.72	21.68	22.50



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N77 PC2 30kHz SET1				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	18.73	/	19.00
		1	137	/	18.07	/	19.00
		1	271	/	18.07	/	19.00
		135	0	/	14.73	/	15.50
		135	69	/	18.19	/	19.00
		135	138	/	14.72	/	15.50
		270	0	/	17.07	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.23	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.74	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.59	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.78	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	18.65	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.72	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.61	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.69	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.61	18.72	18.62	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.75	18.82	18.85	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630167	633334	636501	
10MHz	DFT-s-OFDM QPSK	1	1	18.77	18.77	18.71	19.00



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N77 PC2_30kHz SET2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.68	/	20.00
		1	137	/	19.09	/	20.00
		1	271	/	19.03	/	20.00
		135	0	/	15.76	/	16.50
		135	69	/	19.24	/	20.00
		135	138	/	15.78	/	16.50
		270	0	/	18.15	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.20	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.69	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.73	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.68	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.66	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.71	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.57	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.68	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.80	19.58	19.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.81	19.71	19.67	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630167	633334	636501	
10MHz	DFT-s-OFDM QPSK	1	1	19.72	19.54	19.79	20.00

N77 PC2_30kHz SET1				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/
				/	/	3822.00	3858.00	/	/
100MHz		1	1	/	/	18.66	18.76	/	/
		1	137	/	/	18.42	18.32	/	/



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	DFT-s-OFDM QPSK	1	271	/	/	18.30	18.19	/	/	19.00		
		135	0	/	/	14.71	14.78	/	/	15.50		
		135	69	/	/	18.24	18.31	/	/	19.00		
		135	138	/	/	14.78	14.80	/	/	15.50		
	270	0	/	/	17.38	17.22	/	/	18.00			
	DFT-s-OFDM 16QAM	1	1	/	/	17.28	17.28	/	/	18.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up		
100MHz	CP-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	17.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
90MHz	DFT-s-OFDM QPSK	1	1	/	/	654734	657268	/	/	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
80MHz	DFT-s-OFDM QPSK	1	1	18.60	18.72	649334	652000	654668	657334	660000	662666	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
70MHz	DFT-s-OFDM QPSK	1	1	18.71	18.62	649001	651800	654601	657401	660200	662999	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
60MHz	DFT-s-OFDM QPSK	1	1	18.71	18.76	648668	651600	654534	657468	660400	663332	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
50MHz	DFT-s-OFDM QPSK	1	1	18.71	18.76	648334	651400	654468	657534	660600	663666	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
40MHz	DFT-s-OFDM QPSK	1	1	18.56	18.75	648000	651200	654400	657600	660800	664000	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
30MHz	DFT-s-OFDM QPSK	1	1	18.59	18.75	647666	651000	654332	657666	661000	664334	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
20MHz	DFT-s-OFDM QPSK	1	1	18.65	18.58	647332	650800	654264	657732	661200	664668	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
10MHz	DFT-s-OFDM QPSK	1	1	18.75	18.68	646998	650600	654196	657798	661400	665002	
		1	1	18.58	18.60			18.68	18.85	18.80	18.70	19.00

N77 PC2_30kHz SET2				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	



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100MHz	DFT-s-OFDM QPSK	1	1	/	/	19.68	19.73	/	/	20.00
		1	137	/	/	19.40	19.39	/	/	20.00
		1	271	/	/	19.39	19.24	/	/	20.00
		135	0	/	/	15.80	15.71	/	/	16.50
		135	69	/	/	19.25	19.25	/	/	20.00
		135	138	/	/	15.75	15.72	/	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	/	18.43	18.13	/	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	17.76	17.76	/	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	19.64	19.64	/	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.68	19.77	19.66	19.75	19.63	19.72	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	19.59	19.59	19.73	19.72	19.76	19.67	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	19.71	19.70	19.71	19.70	19.83	19.66	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.78	19.75	19.71	19.71	19.73	19.67	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.76	19.69	19.72	19.77	19.74	19.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.65	19.72	19.78	19.67	19.67	19.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.76	19.68	19.68	19.81	19.63	19.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.63	19.70	19.70	19.77	19.75	19.64	20.00

N78 PC2 30kHz SET1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	18.57	/	19.00
		1	137	/	17.53	/	19.00
		1	271	/	17.45	/	19.00
		135	0	/	14.00	/	15.50
		135	69	/	17.55	/	19.00
		135	138	/	14.00	/	15.50
		270	0	/	16.57	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	16.50	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.48	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.42	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	18.56	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.44	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.52	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.64	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.65	18.45	18.56	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.63	18.72	18.63	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	18.65	18.50	18.52	19.00



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N78 PC2_30kHz SET2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.54	/	20.00
		1	137	/	18.57	/	20.00
		1	271	/	18.51	/	20.00
		135	0	/	15.05	/	16.50
		135	69	/	18.52	/	20.00
		135	138	/	15.07	/	16.50
		270	0	/	17.54	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	17.51	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.00	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.44	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.60	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.61	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.54	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.50	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.55	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.64	19.47	19.68	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.65	19.42	19.50	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	



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10MHz	DFT-s-OFDM QPSK	1	1	19.43	19.47	19.56	20.00
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N78 PC2 30kHz SET1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	18.84	/	19.00
		1	137	/	17.84	/	19.00
		1	271	/	17.89	/	19.00
		135	0	/	14.42	/	15.50
		135	69	/	17.93	/	19.00
		135	138	/	14.48	/	15.50
		270	0	/	17.13	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	16.91	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.40	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.91	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.73	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	18.82	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.98	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.98	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.98	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.79	18.91	18.98	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.69	18.96	18.80	19.00



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Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.78	18.71	18.79	19.00

N78 PC2 30kHz SET2				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
100MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	20.00
		1	137	/	3750.00	/	20.00
		1	271	/	19.84	/	20.00
		135	0	/	19.00	/	20.00
		135	69	/	18.75	/	20.00
		135	138	/	15.48	/	16.50
		270	0	/	19.01	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.49	/	19.00
		1	1	/	18.24	/	19.00
		1	1	/	17.98	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	647668	650000	652334	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	20.00



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20MHz	DFT-s-OFDM QPSK	1	1	19.69	19.96	19.90	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.86	19.73	19.81	20.00

N48_30kHz SET 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645322	
				3570	3624.99	3679.98	
40MHz	DFT-s-OFDM QPSK	1	1	18.71	18.55	19.03	20.00
		1	53	18.35	18.56	19.23	20.00
		1	104	18.55	18.81	19.42	20.00
		50	0	17.48	17.52	18.23	19.00
		50	28	18.44	18.52	19.18	20.00
		50	56	17.40	17.56	18.17	19.00
		100	0	17.44	17.46	18.21	19.00
	DFT-s-OFDM 16QAM	1	1	17.43	17.50	18.17	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	16.92	17.01	17.62	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641666	645667	
30MHz	DFT-s-OFDM QPSK	1	1	18.76	18.57	19.03	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637333	641666	646000	
20MHz	DFT-s-OFDM QPSK	1	1	18.82	18.42	18.89	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637167	641666	646167	
15MHz	DFT-s-OFDM QPSK	1	1	18.82	18.58	18.96	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646333	
10MHz	DFT-s-OFDM QPSK	1	1	18.70	18.51	18.88	20.00



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4.3 Conducted Power of NR SA(Ant4)

N7 15kHz SET1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
				/	2535	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.14	/	20.00
	DFT-s-OFDM QPSK	1	108	/	19.16	/	20.00
	DFT-s-OFDM QPSK	1	214	/	18.98	/	20.00
		108	0	/	18.14	/	19.00
		108	54	/	19.16	/	20.00
	DFT-s-OFDM QPSK	108	108	/	18.16	/	19.00
	DFT-s-OFDM QPSK	216	0	/	18.05	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.13	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.02	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	19.20	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	19.29	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.26	19.28	19.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	19.17	19.25	19.15	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	19.14	19.16	19.08	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	19.09	19.28	19.19	20.00

N7 15kHz SET2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
				/	2535	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.13	/	19.00
	DFT-s-OFDM QPSK	1	108	/	18.16	/	19.00
	DFT-s-OFDM QPSK	1	214	/	18.08	/	19.00
		108	0	/	16.97	/	18.00
		108	54	/	17.97	/	19.00



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	DFT-s-OFDM QPSK	108	108	/	16.94	/	18.00
	DFT-s-OFDM QPSK	216	0	/	17.23	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.02	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.05	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	17.99	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	18.17	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	18.14	18.03	18.11	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	18.07	18.22	18.04	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	18.27	17.98	18.17	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	18.16	18.21	18.12	19.00

N38 30kHz SET1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.20	/	22.00
		1	53	/	21.11	/	22.00
		1	104	/	21.07	/	22.00
		50	0	/	20.13	/	21.00
		50	28	/	21.13	/	22.00
		50	56	/	20.16	/	21.00
		100	0	/	20.07	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.10	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	19.65	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	21.23	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.11	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	21.13	21.13	21.07	22.00

N38 30kHz SET2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.22	/	21.00
		1	53	/	20.06	/	21.00
		1	104	/	20.21	/	21.00
		50	0	/	18.96	/	20.00
		50	28	/	19.98	/	21.00
		50	56	/	18.99	/	20.00
		100	0	/	19.01	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	18.95	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	18.47	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	20.29	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	20.35	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.32	20.34	20.20	21.00

N41 PC2_30kHz SET1				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
				/	/	2592.99	/	/
100MHz	DFT-s-OFDM QPSK	1	1	/	/	21.49	/	/
		1	137	/	/	21.56	/	/
		1	271	/	/	21.52	/	/
		135	0	/	/	17.81	/	/
		135	69	/	/	21.65	/	/
		135	138	/	/	17.87	/	/
		270	0	/	/	20.46	/	/
	DFT-s-OFDM 16QAM	1	1	/	/	20.41	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	/	/	19.87	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
90MHz	DFT-s-OFDM QPSK	1	1	/	/	21.21	/	/



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	21.39	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	21.27	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.45	21.29	21.26	21.26	21.21	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	21.41	21.31	21.32	21.32	21.29	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
40MHz	DFT-s-OFDM QPSK	1	1	21.26	21.22	21.19	21.34	21.45	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	21.30	21.31	21.38	21.41	21.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	21.45	21.31	21.28	21.34	21.32	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	21.40	21.28	21.35	21.20	21.25	22.00

N41 PC2_30kHz SET2				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	20.19	/	/	21.00
		1	137	/	/	20.20	/	/	21.00
		1	271	/	/	20.36	/	/	21.00
		135	0	/	/	16.89	/	/	17.50
		135	69	/	/	20.42	/	/	21.00
		135	138	/	/	16.94	/	/	17.50
		270	0	/	/	19.19	/	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	/	19.47	/	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	18.98	/	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	



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90MHz	DFT-s-OFDM QPSK	1	1	/	/	20.26	/	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	20.12	/	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	20.19	/	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.08	20.31	20.10	20.29	20.13	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	20.15	20.27	20.22	20.19	20.21	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
40MHz	DFT-s-OFDM QPSK	1	1	20.32	20.23	20.17	20.12	20.22	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	20.25	20.08	20.24	20.06	20.04	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	20.20	20.15	20.34	20.33	20.33	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	20.26	20.07	20.12	20.14	20.25	21.00



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4.4 Conducted Power of NR SA(Ant6)

N30_15kHz SET 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
				/	2310	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	19.82	/	21.00
		1	25	/	19.73	/	21.00
		1	50	/	19.77	/	21.00
		25	0	/	18.71	/	20.00
		25	12	/	19.76	/	21.00
		25	25	/	18.71	/	20.00
		50	0	/	18.74	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	18.77	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	158600	Channel	Tune up
				/	793	/	
10MHz	CP-OFDM QPSK	1	1	/	18.26	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	158600	Channel	Tune up
				/	793	/	
5MHz	DFT-s-OFDM QPSK	1	1	/	19.93	/	21.00

N30_15kHz SET 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
				/	2310	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	20.86	/	22.00
		1	25	/	20.73	/	22.00
		1	50	/	20.65	/	22.00
		25	0	/	19.74	/	21.00
		25	12	/	20.72	/	22.00
		25	25	/	19.67	/	21.00
		50	0	/	19.71	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	19.70	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	158600	Channel	Tune up
				/	793	/	
10MHz	CP-OFDM QPSK	1	1	/	19.15	/	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel	158600	Channel	Tune up
				/	793	/	
5MHz	DFT-s-OFDM QPSK	1	1	/	20.89	/	22.00



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5 Conducted Power of NR NSA

5.1 Conducted Power of NR NSA(Ant0)

N5_15kHz SET1/2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	836.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.44	/	22.00
		1	53	/	21.24	/	22.00
		1	104	/	21.04	/	22.00
		50	0	/	20.22	/	21.00
		50	28	/	21.20	/	22.00
		50	56	/	20.16	/	21.00
		100	0	/	20.28	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.26	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	16.85	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	/	18.44	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	/	18.45	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	165300	167300	169300	22.00

5.2 Conducted Power of NR NSA(Ant1)

N66_15kHz SET1/2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
				/	1745	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.53	/	19.50
		1	108	/	17.67	/	19.50
		1	214	/	17.76	/	19.50
		108	0	/	16.70	/	18.50
		108	54	/	17.68	/	19.50
		108	108	/	16.63	/	18.50
		216	0	/	16.70	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	16.73	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	16.26	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	/	17.61	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	17.59	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	/	17.68	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.57	17.63	17.62	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.66	17.61	17.64	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.64	17.53	17.63	19.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	17.68	17.56	17.57	19.50



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5.3 Conducted Power of NR NSA(Ant2)

N2_15kHz SET1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	16.36	16.34	16.33	17.50
		1	53	16.32	16.28	16.30	17.50
		1	104	16.33	16.26	16.22	17.50
		50	0	15.40	15.40	15.40	16.50
		50	28	16.42	16.36	16.39	17.50
		50	56	15.38	15.36	15.44	16.50
		100	0	15.41	15.32	15.31	16.50
	DFT-s-OFDM 16QAM	1	1	15.42	15.39	15.41	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	14.89	14.84	14.84	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	16.46	16.43	16.41	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	16.45	16.11	16.17	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	16.45	16.35	16.47	17.50

N2_15kHz SET2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	18.39	18.29	18.36	19.50
		1	53	18.33	18.25	18.29	19.50
		1	104	18.26	18.33	18.25	19.50



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		50	0	17.38	17.34	17.33	18.50
		50	28	18.46	18.34	18.32	19.50
		50	56	17.39	17.40	17.43	18.50
		100	0	17.48	17.25	17.28	18.50
	DFT-s-OFDM 16QAM	1	1	17.44	17.34	17.28	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	16.99	16.86	16.84	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	18.31	18.18	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	18.41	18.37	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	18.40	18.21	18.34	19.50

N66_15kHz SET1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
				/	1745	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	16.37	/	17.50
		1	108	/	16.36	/	17.50
		1	214	/	16.42	/	17.50
		108	0	/	15.54	/	16.50
		108	54	/	16.44	/	17.50
		108	108	/	15.49	/	16.50
		216	0	/	15.45	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.44	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	CP-OFDM QPSK	1	1	/	14.91	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				/	349000	/	
35MHz	DFT-s-OFDM QPSK	1	1	/	16.39	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	15.63	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	16.52	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	15.51	15.52	15.69	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	16.28	16.31	16.35	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
10MHz	DFT-s-OFDM QPSK	1	1	16.36	16.30	16.45	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
5MHz	DFT-s-OFDM QPSK	1	1	16.35	16.27	16.31	17.50

N66_15kHz SET2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
				/	1745	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.38	/	19.50
		1	108	/	18.46	/	19.50
		1	214	/	18.44	/	19.50
		108	0	/	17.61	/	18.50
		108	54	/	18.51	/	19.50
		108	108	/	17.52	/	18.50
		216	0	/	17.50	/	18.50



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	DFT-s-OFDM 16QAM	1	1	/	17.48	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	CP-OFDM QPSK	1	1	/	16.98	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
35MHz	DFT-s-OFDM QPSK	1	1	/	18.52	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	17.69	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	18.32	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	17.72	17.63	17.50	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	18.31	18.42	18.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
10MHz	DFT-s-OFDM QPSK	1	1	18.53	18.43	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
5MHz	DFT-s-OFDM QPSK	1	1	18.42	18.25	18.26	19.50

N77 PC2_30kHz SET1				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				/	/	654800	657200	/	/
				/	/	3822.00	3858.00	/	/
100MHz	DFT-s-OFDM QPSK	1	1	/	/	18.34	17.93	/	/
		1	137	/	/	17.92	17.47	/	/



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		1	271	/	/	17.31	17.05	/	/	19.00
		135	0	/	/	14.41	14.05	/	/	15.50
		135	69	/	/	17.79	17.42	/	/	19.00
		135	138	/	/	14.37	13.94	/	/	15.50
		270	0	/	/	16.82	16.46	/	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	/	16.78	16.40	/	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	16.22	15.93	/	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	18.43	17.84	/	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	18.33	18.34	18.40	17.99	17.87	17.88	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	18.29	18.40	18.38	17.83	17.89	17.89	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	18.37	18.40	18.27	17.94	17.88	17.85	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	18.41	18.29	18.44	17.90	17.84	18.03	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	18.27	18.38	18.34	17.99	17.99	17.91	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	18.30	18.32	18.39	18.01	18.00	17.98	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	



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25MHz	DFT-s-OFDM QPSK	1	1	18.24	18.40	18.24	17.97	17.91	18.03	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	18.28	18.33	18.42	17.98	17.89	18.02	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647165	650700	654230	657765	661300	664835	
15MHz	DFT-s-OFDM QPSK	1	1	18.39	18.32	18.35	17.86	17.90	17.94	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				646998	650600	654196	657798	661400	665002	
10MHz	DFT-s-OFDM QPSK	1	1	18.37	18.25	18.29	17.99	17.95	17.85	19.00

N77 PC2_30kHz SET1				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	19.36	18.99	/	/	20.00
		1	137	/	/	18.85	18.48	/	/	20.00
		1	271	/	/	18.33	18.01	/	/	20.00
		135	0	/	/	15.35	15.04	/	/	16.50
		135	69	/	/	18.86	18.45	/	/	20.00
		135	138	/	/	15.31	14.91	/	/	16.50
		270	0	/	/	17.79	17.46	/	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	/	17.88	17.47	/	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	17.40	17.01	/	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	19.45	18.90	/	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	19.45	19.38	19.35	19.06	18.89	19.09	20.00
Bandwidth	Modulation			Channel	Channel	Channel	Channel	Channel	Channel	Tune up



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		RB size	RB offset	649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	19.44	19.33	19.39	18.92	19.00	18.91	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	19.33	19.34	19.37	19.00	18.92	18.93	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	19.32	19.34	19.43	18.95	18.94	18.93	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	19.31	19.36	19.35	18.90	18.92	19.07	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	19.32	19.28	19.43	18.90	18.96	18.96	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	
25MHz	DFT-s-OFDM QPSK	1	1	19.40	19.46	19.45	19.03	19.05	18.90	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	19.37	19.33	19.28	19.07	18.96	18.91	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647165	650700	654230	657765	661300	664835	
15MHz	DFT-s-OFDM QPSK	1	1	19.28	19.46	19.46	19.00	19.03	18.89	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				646998	650600	654196	657798	661400	665002	
10MHz	DFT-s-OFDM QPSK	1	1	19.37	19.34	19.40	18.92	18.99	18.89	20.00



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6 Conducted Power of WIFI and Bluetooth

6.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant SET0					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.09	18.50
	6	2437		17.88	18.50
	11	2462		17.83	18.50
802.11g	1	2412	6	16.91	17.50
	6	2437		16.71	17.50
	11	2462		16.65	17.50
802.11n HT20	1	2412	6.5	16.85	17.50
	6	2437		16.42	17.50
	11	2462		16.47	17.50
802.11n HT40	3	2422	13.5	17.31	17.50
	6	2437		16.92	17.50
	9	2452		17.06	17.50

WIFI 2.4G Ant 7SET1					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.10	20.00
	6	2437		18.96	20.00
	11	2462		18.95	20.00
802.11g	1	2412	6	18.45	19.00
	6	2437		18.13	19.00
	11	2462		18.19	19.00
802.11n HT20	1	2412	6.5	18.30	19.00
	6	2437		17.95	19.00
	11	2462		18.00	19.00
802.11n HT40	3	2422	13.5	17.29	17.50
	6	2437		17.00	17.50
	9	2452		17.05	17.50

WIFI 2.4G Ant SET2					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	9.59	10.50
	6	2437		9.50	10.50
	11	2462		9.48	10.50
802.11g	1	2412	6	8.97	9.50
	6	2437		8.61	9.50
	11	2462		8.76	9.50
802.11n HT20	1	2412	6.5	8.74	9.50
	6	2437		8.49	9.50
	11	2462		8.54	9.50
802.11n HT40	3	2422	13.5	9.24	9.50
	6	2437		8.95	9.50
	9	2452		9.05	9.50



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WIFI 2.4G Ant SET3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.49	15.50
	6	2437		14.41	15.50
	11	2462		14.37	15.50
802.11g	1	2412	6	13.93	14.50
	6	2437		13.66	14.50
	11	2462		13.63	14.50
802.11n HT20	1	2412	6.5	13.72	14.50
	6	2437		13.51	14.50
	11	2462		13.49	14.50
802.11n HT40	3	2422	13.5	14.31	14.50
	6	2437		14.00	14.50
	9	2452		14.01	14.50



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6.2 Conducted Power of 5G WIFI

WIFI 5G Ant SET0					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	15.20	15.50
		40	5200	15.29	15.50
		44	5220	15.29	15.50
		48	5240	15.06	15.50
	802.11n HT20	36	5180	14.18	14.50
		40	5200	14.27	14.50
		44	5220	14.16	14.50
		48	5240	14.03	14.50
	802.11n HT40	38	5190	14.26	14.50
		46	5230	14.19	14.50
	802.11ac VHT20	36	5180	14.23	14.50
		40	5200	14.20	14.50
		44	5220	14.29	14.50
		48	5240	14.28	14.50
	802.11ac VHT40	38	5190	14.19	14.50
		46	5230	14.28	14.50
	802.11ac VHT80	42	5210	13.91	14.00
5GHz U-NII-2A	802.11a	52	5260	15.28	15.50
		56	5280	15.33	15.50
		60	5300	15.31	15.50
		64	5320	15.35	15.50
	802.11n HT20	52	5260	14.22	14.50
		56	5280	14.28	14.50
		60	5300	14.20	14.50
		64	5320	14.19	14.50
	802.11n HT40	54	5270	14.23	14.50
		62	5310	14.10	14.50
	802.11ac VHT20	52	5260	14.22	14.50
		56	5280	14.07	14.50
		60	5300	14.01	14.50
		64	5320	14.10	14.50
	802.11ac VHT40	54	5270	14.22	14.50
		62	5310	14.12	14.50
	802.11ac VHT80	58	5290	13.98	14.00
5GHz UNII-2C	802.11a	100	5500	15.40	15.50



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		104	5520	15.33	15.50
		108	5540	15.25	15.50
		112	5560	14.71	15.50
		116	5580	14.64	15.50
		120	5600	14.74	15.50
		124	5620	14.75	15.50
		128	5640	15.39	15.50
		132	5660	15.38	15.50
		136	5680	15.34	15.50
		140	5700	15.38	15.50
		144	5720	15.39	15.50
	802.11n HT20	100	5500	13.48	14.50
		104	5520	13.35	14.50
		108	5540	13.29	14.50
		112	5560	13.24	14.50
		116	5580	13.24	14.50
		120	5600	13.50	14.50
		124	5620	13.44	14.50
		128	5640	14.06	14.50
		132	5660	14.13	14.50
		136	5680	14.24	14.50
		140	5700	14.30	14.50
		144	5720	14.42	14.50
	802.11n HT40	102	5510	14.47	14.50
		110	5550	13.83	14.50
		118	5590	13.72	14.50
		126	5630	13.89	14.50
		134	5670	13.85	14.50
		142	5710	14.49	14.50
	802.11ac VHT20	100	5500	14.35	14.50
		104	5520	14.29	14.50
		108	5540	13.75	14.50
		112	5560	13.73	14.50
		116	5580	13.69	14.50
		120	5600	13.45	14.50
		124	5620	13.43	14.50
		128	5640	13.98	14.50
		132	5660	14.10	14.50
		136	5680	14.20	14.50
		140	5700	14.33	14.50
		144	5720	14.26	14.50
		102	5510	13.68	14.50



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	802.11ac VHT40	110	5550	13.99	14.50
		118	5590	13.71	14.50
		126	5630	13.92	14.50
		134	5670	13.91	14.50
		142	5710	14.44	14.50
	802.11ac VHT80	106	5530	13.89	14.00
		122	5610	13.52	14.00
		138	5690	13.96	14.00
5GHz UNII-3	802.11a	149	5745	15.39	15.50
		153	5765	15.42	15.50
		157	5785	15.50	15.50
		161	5805	15.46	15.50
		165	5825	15.49	15.50
	802.11n HT20	149	5745	14.26	14.50
		153	5765	14.43	14.50
		157	5785	14.25	14.50
		161	5805	14.31	14.50
	802.11n HT40	151	5755	14.20	14.50
		159	5795	14.41	14.50
	802.11ac VHT20	149	5745	14.28	14.50
		153	5765	14.44	14.50
		157	5785	14.05	14.50
		161	5805	14.31	14.50
		165	5825	14.46	14.50
	802.11ac VHT40	151	5755	14.18	14.50
		159	5795	14.34	14.50
	802.11ac VHT80	155	5775	13.89	14.00

WIFI 5G Ant 7SET1					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	18.35	19.00
		40	5200	18.29	19.00
		44	5220	18.23	19.00
		48	5240	18.09	19.00
	802.11n HT20	36	5180	18.35	19.00
		40	5200	18.32	19.00
		44	5220	18.21	19.00
		48	5240	18.08	19.00
		38	5190	16.67	17.00



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	802.11n HT40	46	5230	16.59	17.00
	802.11ac VHT20	36	5180	18.25	19.00
		40	5200	18.25	19.00
		44	5220	18.17	19.00
		48	5240	18.01	19.00
	802.11ac VHT40	38	5190	16.69	17.00
		46	5230	16.65	17.00
5GHz U-NII-2A	802.11a	42	5210	16.48	16.50
		52	5260	18.29	19.00
		56	5280	18.28	19.00
		60	5300	18.27	19.00
	802.11n HT20	64	5320	18.34	19.00
		52	5260	18.26	19.00
		56	5280	18.33	19.00
		60	5300	18.31	19.00
	802.11n HT40	64	5320	18.54	19.00
		54	5270	16.76	17.00
	802.11ac VHT20	62	5310	16.79	17.00
		52	5260	18.26	19.00
		56	5280	18.36	19.00
		60	5300	18.34	19.00
	802.11ac VHT40	64	5320	18.54	19.00
		54	5270	16.79	17.00
	802.11ac VHT80	62	5310	16.79	17.00
		58	5290	16.47	16.50
5GHz UNII-2C	802.11a	100	5500	18.44	19.00
		104	5520	18.47	19.00
		108	5540	18.35	19.00
		112	5560	18.38	19.00
		116	5580	18.33	19.00
		120	5600	18.26	19.00
		124	5620	18.41	19.00
		128	5640	18.51	19.00
		132	5660	18.55	19.00
		136	5680	18.58	19.00
		140	5700	18.79	19.00
		144	5720	18.66	19.00
	802.11n HT20	100	5500	18.96	19.00
		104	5520	18.97	19.00
		108	5540	18.83	19.00



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		112	5560	18.81	19.00
		116	5580	18.72	19.00
		120	5600	18.64	19.00
		124	5620	18.72	19.00
		128	5640	18.76	19.00
		132	5660	18.73	19.00
		136	5680	18.69	19.00
		140	5700	18.54	19.00
		144	5720	18.61	19.00
	802.11n HT40	102	5510	16.93	17.00
		110	5550	16.26	17.00
		118	5590	16.11	17.00
		126	5630	16.37	17.00
		134	5670	16.59	17.00
		142	5710	16.68	17.00
	802.11ac VHT20	100	5500	18.97	19.00
		104	5520	18.96	19.00
		108	5540	18.87	19.00
		112	5560	18.86	19.00
		116	5580	18.73	19.00
		120	5600	18.64	19.00
		124	5620	18.74	19.00
		128	5640	18.78	19.00
		132	5660	18.71	19.00
		136	5680	18.71	19.00
		140	5700	18.54	19.00
		144	5720	18.71	19.00
	802.11ac VHT40	102	5510	16.89	17.00
		110	5550	16.29	17.00
		118	5590	16.16	17.00
		126	5630	16.35	17.00
		134	5670	16.51	17.00
		142	5710	16.60	17.00
	802.11ac VHT80	106	5530	16.48	16.50
		122	5610	16.04	16.50
		138	5690	16.42	16.50
5GHz UNII-3	802.11a	149	5745	18.69	19.00
		153	5765	18.83	19.00
		157	5785	18.72	19.00
		161	5805	18.82	19.00
		165	5825	18.83	19.00
		149	5745	18.56	19.00



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	802.11n HT20	153	5765	18.66	19.00
		157	5785	18.61	19.00
		161	5805	18.66	19.00
		165	5825	18.70	19.00
	802.11n HT40	151	5755	16.61	17.00
		159	5795	16.90	17.00
	802.11ac VHT20	149	5745	18.58	19.00
		153	5765	18.68	19.00
		157	5785	18.57	19.00
		161	5805	18.67	19.00
		165	5825	18.68	19.00
	802.11ac VHT40	151	5755	16.68	17.00
		159	5795	16.90	17.00
	802.11ac VHT80	155	5775	16.82	17.00

WIFI 5G Ant SET2					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	10.75	11.00
		40	5200	10.85	11.00
		44	5220	10.87	11.00
		48	5240	10.55	11.00
	802.11n HT20	36	5180	8.97	9.50
		40	5200	8.70	9.50
		44	5220	8.58	9.50
		48	5240	8.52	9.50
	802.11n HT40	38	5190	8.91	9.50
		46	5230	8.75	9.50
	802.11ac VHT20	36	5180	8.99	9.50
		40	5200	8.68	9.50
		44	5220	8.77	9.50
		48	5240	8.71	9.50
	802.11ac VHT40	38	5190	8.91	9.50
		46	5230	8.74	9.50
	802.11ac VHT80	42	5210	8.16	9.50
5GHz U-NII-2A	802.11a	52	5260	10.64	11.00
		56	5280	10.81	11.00
		60	5300	10.76	11.00
		64	5320	10.55	11.00
		52	5260	8.91	9.50



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	802.11n HT20	56	5280	8.76	9.50
		60	5300	8.75	9.50
		64	5320	8.61	9.50
	802.11n HT40	54	5270	8.71	9.50
		62	5310	8.72	9.50
	802.11ac VHT20	52	5260	8.75	9.50
		56	5280	8.61	9.50
		60	5300	8.59	9.50
		64	5320	8.58	9.50
	802.11ac VHT40	54	5270	8.77	9.50
		62	5310	8.68	9.50
	802.11ac VHT80	58	5290	8.61	9.50
5GHz UNII-2C	802.11a	100	5500	10.78	11.00
		104	5520	10.72	11.00
		108	5540	10.86	11.00
		112	5560	10.89	11.00
		116	5580	10.95	11.00
		120	5600	10.74	11.00
		124	5620	10.20	11.00
		128	5640	10.70	11.00
		132	5660	10.84	11.00
		136	5680	10.91	11.00
		140	5700	10.84	11.00
		144	5720	10.98	11.00
	802.11n HT20	100	5500	9.31	9.50
		104	5520	9.48	9.50
		108	5540	9.25	9.50
		112	5560	9.33	9.50
		116	5580	9.25	9.50
		120	5600	9.13	9.50
		124	5620	9.27	9.50
		128	5640	9.25	9.50
		132	5660	9.19	9.50
		136	5680	9.17	9.50
		140	5700	9.47	9.50
		144	5720	9.43	9.50
	802.11n HT40	102	5510	9.25	9.50
		110	5550	9.04	9.50
		118	5590	9.35	9.50
		126	5630	9.20	9.50
		134	5670	9.02	9.50



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	802.11ac VHT20	142	5710	9.48	9.50
		100	5500	9.31	9.50
		104	5520	9.50	9.50
		108	5540	9.47	9.50
		112	5560	9.37	9.50
		116	5580	9.23	9.50
		120	5600	9.03	9.50
		124	5620	9.17	9.50
		128	5640	9.23	9.50
		132	5660	9.16	9.50
		136	5680	9.24	9.50
		140	5700	9.11	9.50
		144	5720	9.12	9.50
	802.11ac VHT40	102	5510	9.34	9.50
		110	5550	9.48	9.50
		118	5590	9.31	9.50
		126	5630	8.62	9.50
		134	5670	8.73	9.50
	802.11ac VHT80	142	5710	9.29	9.50
		106	5530	9.15	9.50
		122	5610	9.20	9.50
		138	5690	8.77	9.50
5GHz UNII-3	802.11a	149	5745	10.99	11.00
		153	5765	10.82	11.00
		157	5785	10.97	11.00
		161	5805	10.90	11.00
		165	5825	10.93	11.00
	802.11n HT20	149	5745	9.36	9.50
		153	5765	9.37	9.50
		157	5785	9.30	9.50
		161	5805	9.35	9.50
		165	5825	9.41	9.50
	802.11n HT40	151	5755	9.38	9.50
		159	5795	9.46	9.50
	802.11ac VHT20	149	5745	9.37	9.50
		153	5765	9.13	9.50
		157	5785	9.30	9.50
		161	5805	9.28	9.50
		165	5825	9.37	9.50
	802.11ac VHT40	151	5755	9.33	9.50
		159	5795	9.43	9.50



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	802.11ac VHT80	155	5775	9.45	9.50
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WIFI 5G Ant SET3					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	14.35	14.50
		40	5200	14.27	14.50
		44	5220	14.13	14.50
		48	5240	13.91	14.50
	802.11n HT20	36	5180	13.25	13.50
		40	5200	13.31	13.50
		44	5220	13.22	13.50
		48	5240	13.15	13.50
	802.11n HT40	38	5190	13.72	14.50
		46	5230	13.82	14.50
	802.11ac VHT20	36	5180	13.27	13.50
		40	5200	13.26	13.50
		44	5220	13.25	13.50
		48	5240	13.14	13.50
	802.11ac VHT40	38	5190	14.07	14.50
		46	5230	13.83	14.50
	802.11ac VHT80	42	5210	13.97	14.00
5GHz U-NII-2A	802.11a	52	5260	14.10	14.50
		56	5280	14.03	14.50
		60	5300	13.99	14.50
		64	5320	13.97	14.50
	802.11n HT20	52	5260	13.14	13.50
		56	5280	13.34	13.50
		60	5300	13.28	13.50
		64	5320	13.17	13.50
	802.11n HT40	54	5270	13.59	14.50
		62	5310	13.26	14.50
	802.11ac VHT20	52	5260	13.10	13.50
		56	5280	13.21	13.50
		60	5300	13.24	13.50
		64	5320	13.20	13.50
	802.11ac VHT40	54	5270	13.91	14.50
		62	5310	13.69	14.50
	802.11ac VHT80	58	5290	13.81	14.00



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5GHz UNII-2C	802.11a	100	5500	14.29	14.50
		104	5520	14.43	14.50
		108	5540	14.37	14.50
		112	5560	14.27	14.50
		116	5580	14.50	14.50
		120	5600	14.39	14.50
		124	5620	14.26	14.50
		128	5640	14.38	14.50
		132	5660	14.10	14.50
		136	5680	14.42	14.50
		140	5700	14.26	14.50
		144	5720	14.43	14.50
	802.11n HT20	100	5500	13.43	13.50
		104	5520	13.49	13.50
		108	5540	13.43	13.50
		112	5560	13.10	13.50
		116	5580	13.06	13.50
		120	5600	12.68	13.50
		124	5620	12.69	13.50
		128	5640	13.37	13.50
		132	5660	13.43	13.50
		136	5680	13.39	13.50
		140	5700	13.47	13.50
		144	5720	13.42	13.50
	802.11n HT40	102	5510	13.84	14.50
		110	5550	13.15	14.50
		118	5590	13.06	14.50
		126	5630	13.24	14.50
		134	5670	13.42	14.50
		142	5710	13.69	14.50
	802.11ac VHT20	100	5500	13.33	13.50
		104	5520	13.41	13.50
		108	5540	13.36	13.50
		112	5560	13.12	13.50
		116	5580	13.04	13.50
		120	5600	12.69	13.50
		124	5620	12.68	13.50
		128	5640	13.41	13.50
		132	5660	13.37	13.50
		136	5680	13.32	13.50
		140	5700	13.42	13.50
		144	5720	13.32	13.50



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5GHz UNII-3	802.11ac VHT40	102	5510	13.86	14.50
		110	5550	13.18	14.50
		118	5590	13.06	14.50
		126	5630	13.31	14.50
		134	5670	13.49	14.50
		142	5710	13.69	14.50
	802.11ac VHT80	106	5530	13.69	14.00
		122	5610	13.57	14.00
		138	5690	14.00	14.00
	802.11a	149	5745	14.42	14.50
		153	5765	14.36	14.50
		157	5785	14.13	14.50
		161	5805	14.47	14.50
		165	5825	14.37	14.50
	802.11n HT20	149	5745	13.18	13.50
		153	5765	13.33	13.50
		157	5785	13.33	13.50
		161	5805	13.44	13.50
	802.11n HT40	151	5755	13.65	14.50
		159	5795	14.06	14.50
	802.11ac VHT20	149	5745	13.25	13.50
		153	5765	13.40	13.50
		157	5785	13.33	13.50
		161	5805	13.37	13.50
		165	5825	13.43	13.50
	802.11ac VHT40	151	5755	13.67	14.50
		159	5795	14.10	14.50
	802.11ac VHT80	155	5775	13.79	14.00



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6.3 Conducted Power of Bluetooth

BT Ant 7		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	11.77	11.98	11.41	12.00
	$\pi/4$ DQPSK	9.06	9.40	8.73	10.00
	8DPSK	9.03	9.35	8.63	10.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	0.73	0.46	0.10	1.00

- End of the Appendix -