

N5 State2				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 QPSK	1	1	21.07	20.95	21.03	22.40
		1	53	20.99	21.01	21.01	22.40
		1	104	20.98	21.04	21.07	22.40
		50	0	20.06	20.03	20.18	21.40
		50	28	21.07	21.03	20.97	22.40
		50	56	20.01	20.09	20.00	21.40
		100	0	20.05	20.07	20.07	21.40
	DFT-s-OFDM 16QAM	1	1	19.87	19.81	19.77	21.40
	DFT-s-OFDM 64QAM	1	1	18.40	18.26	18.39	19.90
	DFT-s-OFDM 256QAM	1	1	17.02	16.92	16.90	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	19.61	19.53	19.62	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	21.02	20.96	20.98	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	21.01	21.04	21.00	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	21.06	21.02	20.99	22.40

N5 State4				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 QPSK	1	1	19.97	20.02	20.05	21.40
		1	53	20.02	20.03	20.08	21.40
		1	104	20.05	20.09	20.07	21.40
		50	0	19.00	19.04	19.22	20.40
		50	28	20.07	20.07	20.04	21.40
		50	56	18.99	19.03	18.93	20.40
		100	0	19.09	19.10	19.14	20.40
	DFT-s-OFDM 16QAM	1	1	18.77	18.78	18.80	20.40
	DFT-s-OFDM 64QAM	1	1	17.41	17.30	17.38	18.90
	DFT-s-OFDM 256QAM	1	1	15.99	15.90	16.01	16.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	18.68	18.54	18.69	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	20.02	19.97	20.08	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	19.99	20.05	19.97	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	19.99	19.96	20.00	21.40

N7 State1				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 QPSK	1	1	18.18	18.20	18.24	19.50
		1	108	18.19	18.25	18.13	19.50
		1	214	18.22	18.15	18.21	19.50
		108	0	17.29	17.34	17.30	18.50
		108	54	18.29	18.32	18.25	19.50
		108	108	17.33	17.25	17.35	18.50
		216	0	17.34	17.28	17.33	18.50
	DFT-s-OFDM 16QAM	1	1	16.99	16.97	17.04	18.50
	DFT-s-OFDM 64QAM	1	1	15.62	15.56	15.47	17.00
	DFT-s-OFDM 256QAM	1	1	14.19	14.14	14.13	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	16.73	16.73	16.68	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	18.27	18.21	18.27	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	18.25	18.30	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	18.28	18.25	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	18.18	18.29	18.15	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	18.11	18.17	18.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	18.20	18.20	18.20	19.50

N7 State2/3				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 QPSK	1	1	15.64	15.71	15.74	17.00
		1	108	15.62	15.67	15.58	17.00
		1	214	15.69	15.59	15.65	17.00
		108	0	14.78	14.86	14.81	16.00
		108	54	15.77	15.78	15.70	17.00
		108	108	14.79	14.76	14.82	16.00
		216	0	14.79	14.74	14.81	16.00
	DFT-s-OFDM 16QAM	1	1	14.46	14.44	14.50	16.00
	DFT-s-OFDM 64QAM	1	1	13.06	13.06	12.91	14.50
	DFT-s-OFDM 256QAM	1	1	11.60	11.55	11.59	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	14.19	14.15	14.20	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	15.63	15.75	15.58	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	15.66	15.71	15.60	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	15.64	15.77	15.63	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	15.62	15.76	15.54	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	15.71	15.71	15.60	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	15.68	15.69	15.60	17.00

N7 State4				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 QPSK	1	1	14.70	14.66	14.68	16.00
		1	108	14.62	14.71	14.57	16.00
		1	214	14.64	14.67	14.71	16.00
		108	0	13.78	13.85	13.73	15.00
		108	54	14.81	14.78	14.70	16.00
		108	108	13.79	13.70	13.78	15.00
		216	0	13.79	13.70	13.83	15.00
	DFT-s-OFDM 16QAM	1	1	13.44	13.42	13.45	15.00
	DFT-s-OFDM 64QAM	1	1	12.05	12.08	11.91	13.50
	DFT-s-OFDM 256QAM	1	1	10.64	10.61	10.62	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	13.19	13.20	13.09	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	14.61	14.68	14.71	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	14.70	14.69	14.66	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	14.61	14.62	14.66	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	14.63	14.69	14.73	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	14.66	14.71	14.76	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	14.70	14.62	14.67	16.00

N12 State1				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
				706.5	707.5	708.5	
15MHz	DFT-s-OFDM QPSK	1	1	23.78	23.79	23.79	25.40
		1	40	23.81	23.81	23.82	25.40
		1	77	23.79	23.75	23.79	25.40
		36	0	22.81	22.83	22.77	24.40
		36	22	23.73	23.83	23.86	25.40
		36	43	22.72	22.81	22.88	24.40
		75	0	22.83	22.83	22.89	24.40
	DFT-s-OFDM 16QAM	1	1	22.62	22.60	22.64	24.40
	DFT-s-OFDM 64QAM	1	1	21.20	21.12	21.13	22.90
	DFT-s-OFDM 256QAM	1	1	19.80	19.70	19.78	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
15MHz	CP-OFDM QPSK	1	1	22.22	22.32	22.22	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140800	141500	142200	
10MHz	DFT-s-OFDM QPSK	1	1	23.69	23.70	23.81	25.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	23.68	23.88	23.89	25.40

N12 State2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
				706.5	707.5	708.5	
15MHz	DFT-s-OFDM QPSK	1	1	22.27	22.23	22.22	23.90
		1	40	22.28	22.31	22.34	23.90
		1	77	22.21	22.21	22.31	23.90
		36	0	21.24	21.30	21.20	22.90
		36	22	22.15	22.33	22.38	23.90
		36	43	21.20	21.31	21.40	22.90
		75	0	21.29	21.32	21.32	22.90
	DFT-s-OFDM 16QAM	1	1	21.04	21.07	21.16	22.90
	DFT-s-OFDM 64QAM	1	1	19.72	19.60	19.63	21.40
	DFT-s-OFDM 256QAM	1	1	18.23	18.15	18.28	19.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
15MHz	CP-OFDM QPSK	1	1	20.71	20.78	20.73	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140800	141500	142200	
10MHz	DFT-s-OFDM QPSK	1	1	22.28	22.23	22.21	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	22.30	22.26	22.26	23.90

N12 State3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
				706.5	707.5	708.5	
15MHz	DFT-s-OFDM QPSK	1	1	22.79	22.75	22.74	24.40
		1	40	22.77	22.75	22.76	24.40
		1	77	22.72	22.67	22.73	24.40
		36	0	21.82	21.84	21.71	23.40
		36	22	22.67	22.80	22.83	24.40
		36	43	21.72	21.80	21.90	23.40
		75	0	21.78	21.74	21.81	23.40
	DFT-s-OFDM 16QAM	1	1	21.62	21.53	21.56	23.40
	DFT-s-OFDM 64QAM	1	1	20.13	20.09	20.11	21.90
	DFT-s-OFDM 256QAM	1	1	18.82	18.71	18.72	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
15MHz	CP-OFDM QPSK	1	1	21.21	21.32	21.20	22.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140800	141500	142200	
10MHz	DFT-s-OFDM QPSK	1	1	22.77	22.73	22.71	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	22.71	22.71	22.75	24.40

N12 State4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
				706.5	707.5	708.5	
15MHz	DFT-s-OFDM QPSK	1	1	21.31	21.30	21.21	22.90
		1	40	21.31	21.25	21.31	22.90
		1	77	21.27	21.27	21.30	22.90
		36	0	20.33	20.34	20.18	21.90
		36	22	21.19	21.35	21.28	22.90
		36	43	20.15	20.26	20.38	21.90
		75	0	20.34	20.31	20.30	21.90
	DFT-s-OFDM 16QAM	1	1	20.11	20.13	20.13	21.90
	DFT-s-OFDM 64QAM	1	1	18.61	18.61	18.62	20.40
	DFT-s-OFDM 256QAM	1	1	17.21	17.15	17.23	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
15MHz	CP-OFDM QPSK	1	1	19.69	19.77	19.65	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140800	141500	142200	
10MHz	DFT-s-OFDM QPSK	1	1	21.26	21.24	21.25	22.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	21.24	21.32	21.32	22.90

NR N26 State1/3					Conducted Power(dBm)			
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					164800	166300	167800	
					824	831.5	839	
20MHz	15kHz	DFT-s-OFDM QPSK	1	1	23.92	23.85	23.82	25.40
			1	53	23.82	23.91	23.81	25.40
			1	104	23.76	23.85	23.84	25.40
			50	0	22.85	22.93	22.93	24.40
			50	28	23.92	23.94	23.97	25.40
			50	56	22.89	22.92	22.98	24.40
			100	0	22.90	22.91	22.83	24.40
		DFT-s-OFDM 16QAM	1	1	22.54	22.58	22.67	24.40
		DFT-s-OFDM 64QAM	1	1	21.08	21.13	21.16	22.90
		DFT-s-OFDM 256QAM	1	1	19.73	19.67	19.57	20.90
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					164800	166300	167800	
20MHz	15kHz	CP-OFDM QPSK	1	1	22.45	22.37	22.41	23.90
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					164300	166300	168300	
15MHz	15kHz	DFT-s-OFDM QPSK	1	1	23.82	23.81	23.73	25.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					163800	166300	168800	
10MHz	15kHz	DFT-s-OFDM QPSK	1	1	23.95	23.89	23.85	25.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					163300	166300	169300	
5MHz	15kHz	DFT-s-OFDM QPSK	1	1	23.85	23.89	23.78	25.40

NR N26 State2					Conducted Power(dBm)			
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					164800	166300	167800	
					824	831.5	839	
20MHz	15kHz	DFT-s-OFDM QPSK	1	1	20.88	20.81	20.75	22.40
			1	53	20.85	20.83	20.75	22.40
			1	104	20.76	20.77	20.84	22.40
			50	0	19.84	19.93	19.95	21.40
			50	28	20.95	20.91	20.94	22.40
			50	56	19.85	19.94	20.00	21.40
			100	0	19.94	19.87	19.81	21.40
		DFT-s-OFDM 16QAM	1	1	19.56	19.52	19.63	21.40
		DFT-s-OFDM 64QAM	1	1	18.03	18.15	18.15	19.90
		DFT-s-OFDM 256QAM	1	1	16.69	16.65	16.61	17.90
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					164800	166300	167800	
20MHz	15kHz	CP-OFDM QPSK	1	1	19.40	19.33	19.36	20.90
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					164300	166300	168300	
15MHz	15kHz	DFT-s-OFDM QPSK	1	1	20.84	20.89	20.86	22.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					163800	166300	168800	
10MHz	15kHz	DFT-s-OFDM QPSK	1	1	20.95	20.81	20.79	22.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					163300	166300	169300	
5MHz	15kHz	DFT-s-OFDM QPSK	1	1	20.88	20.78	20.78	22.40

NR N26 State4					Conducted Power(dBm)			
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					164800	166300	167800	
					824	831.5	839	
20MHz	15kHz	DFT-s-OFDM QPSK	1	1	19.85	19.82	19.79	21.40
			1	53	19.82	19.95	19.79	21.40
			1	104	19.70	19.89	19.76	21.40
			50	0	18.84	18.87	18.94	20.40
			50	28	19.94	19.89	19.95	21.40
			50	56	18.86	18.96	18.90	20.40
			100	0	18.85	18.89	18.75	20.40
		DFT-s-OFDM 16QAM	1	1	18.58	18.56	18.64	20.40
		DFT-s-OFDM 64QAM	1	1	17.04	17.09	17.14	18.90
		DFT-s-OFDM 256QAM	1	1	15.73	15.61	15.51	16.90
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					164800	166300	167800	
20MHz	15kHz	CP-OFDM QPSK	1	1	18.43	18.33	18.45	19.90
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					164300	166300	168300	
15MHz	15kHz	DFT-s-OFDM QPSK	1	1				21.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					163800	166300	168800	
10MHz	15kHz	DFT-s-OFDM QPSK	1	1				21.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					163300	166300	169300	
5MHz	15kHz	DFT-s-OFDM QPSK	1	1				21.40

N38 State1				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 QPSK	1	1	19.76	19.79	19.74	21.20
		1	53	19.80	19.85	19.89	21.20
		1	104	19.76	19.73	19.69	21.20
		50	0	19.85	19.84	19.90	20.20
		50	28	19.74	19.84	19.74	21.20
		50	56	18.93	18.83	18.81	20.20
		100	0	18.76	18.85	18.75	20.20
	DFT-s-OFDM 16QAM	1	1	18.60	18.55	18.49	20.20
	DFT-s-OFDM 64QAM	1	1	16.99	17.08	17.12	18.70
	DFT-s-OFDM 256QAM	1	1	15.71	15.69	15.65	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	18.17	18.26	18.23	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.67	19.69	19.80	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.75	19.72	19.65	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	19.81	19.86	19.80	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	19.66	19.80	19.82	21.20

N38 State2				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 QPSK	1	1	16.68	16.80	16.70	18.20
		1	53	16.75	16.83	16.84	18.20
		1	104	16.68	16.77	16.71	18.20
		50	0	16.87	16.82	16.86	17.20
		50	28	16.77	16.82	16.72	18.20
		50	56	15.86	15.75	15.81	17.20
		100	0	15.68	15.84	15.76	17.20
	DFT-s-OFDM 16QAM	1	1	15.59	15.48	15.48	17.20
	DFT-s-OFDM 64QAM	1	1	13.92	14.01	14.05	15.70
	DFT-s-OFDM 256QAM	1	1	12.68	12.67	12.60	13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	15.14	15.29	15.21	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	16.73	16.71	16.77	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	16.70	16.72	16.72	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	16.68	16.75	16.78	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	16.74	16.73	16.66	18.20

N38 State3				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 QPSK	1	1	19.28	19.33	19.25	20.70
		1	53	19.27	19.37	19.36	20.70
		1	104	19.20	19.19	19.12	20.70
		50	0	19.36	19.28	19.35	19.70
		50	28	19.23	19.38	19.20	20.70
		50	56	18.40	18.34	18.26	19.70
		100	0	18.28	18.33	18.23	19.70
	DFT-s-OFDM 16QAM	1	1	18.06	18.01	17.97	19.70
	DFT-s-OFDM 64QAM	1	1	16.42	16.58	16.61	18.20
	DFT-s-OFDM 256QAM	1	1	15.24	15.14	15.19	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	17.71	17.70	17.68	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.18	19.24	19.20	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.30	19.27	19.18	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	19.22	19.28	19.27	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	19.28	19.30	19.16	20.70

N38 State4				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 QPSK	1	1	15.75	15.75	15.74	17.20
		1	53	15.76	15.79	15.90	17.20
		1	104	15.69	15.69	15.67	17.20
		50	0	15.86	15.84	15.92	16.20
		50	28	15.70	15.76	15.74	17.20
		50	56	14.89	14.79	14.83	16.20
		100	0	14.77	14.86	14.74	16.20
	DFT-s-OFDM 16QAM	1	1	14.56	14.50	14.46	16.20
	DFT-s-OFDM 64QAM	1	1	13.03	13.01	13.08	14.70
	DFT-s-OFDM 256QAM	1	1	11.75	11.71	11.67	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	14.19	14.25	14.27	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	15.69	15.82	15.77	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	15.71	15.74	15.71	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	15.68	15.74	15.75	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	15.80	15.76	15.69	17.20

N41 PC3 State1				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	19.96	19.96	19.83	19.88	19.77	21.20
		1	137	19.89	19.91	19.80	19.79	19.83	21.20
		1	271	19.78	19.79	19.77	19.79	19.73	21.20
		135	0	19.18	19.09	19.16	19.18	19.08	20.20
		135	69	19.97	19.94	19.90	19.84	19.85	21.20
		135	138	19.02	18.93	19.03	19.06	19.00	20.20
		270	0	18.96	19.07	19.06	19.13	19.05	20.20
	DFT-s-OFDM 16QAM	1	1	18.55	18.62	18.61	18.65	18.66	20.20
	DFT-s-OFDM 64QAM	1	1	17.13	17.07	17.17	17.21	17.20	18.70
	DFT-s-OFDM 256QAM	1	1	15.88	15.88	15.78	15.79	15.74	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	18.42	18.38	18.36	18.45	18.32	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.02	20.01	19.79	19.91	19.67	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.92	20.06	19.81	19.96	19.84	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	19.89	19.90	19.73	19.80	19.69	21.20
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	19.91	19.90	19.89	19.94	19.82	21.20
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	19.92	19.88	19.78	19.96	19.79	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.91	20.06	19.90	19.97	19.76	21.20
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	20.02	19.88	19.88	19.87	19.84	21.20
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	19.90	19.87	19.81	19.80	19.85	21.20

N41 PC3 State2				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	16.99	16.89	16.79	16.82	16.81	18.20
		1	137	16.89	16.85	16.72	16.74	16.76	18.20
		1	271	16.74	16.75	16.80	16.73	16.71	18.20
		135	0	16.12	16.02	16.18	16.17	16.01	17.20
		135	69	16.99	16.98	16.94	16.80	16.86	18.20
		135	138	16.05	15.97	16.00	16.07	15.94	17.20
		270	0	16.00	16.11	16.02	16.17	16.06	17.20
	DFT-s-OFDM 16QAM	1	1	15.54	15.64	15.62	15.66	15.61	17.20
	DFT-s-OFDM 64QAM	1	1	14.09	14.04	14.09	14.21	14.16	15.70
	DFT-s-OFDM 256QAM	1	1	12.91	12.91	12.73	12.71	12.67	13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	15.37	15.33	15.36	15.43	15.33	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	17.03	17.00	16.75	16.95	16.60	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	16.85	17.04	16.80	16.93	16.87	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	16.83	16.87	16.69	16.84	16.72	18.20
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	16.94	16.88	16.82	16.86	16.79	18.20
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	16.88	16.82	16.79	16.93	16.74	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	16.89	16.98	16.89	16.91	16.73	18.20
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	17.06	16.85	16.82	16.84	16.88	18.20
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	16.93	16.79	16.85	16.79	16.88	18.20

N41 PC3 State3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	17.92	17.97	17.75	17.90	17.76	19.20
		1	137	17.83	17.86	17.77	17.71	17.79	19.20
		1	271	17.72	17.83	17.78	17.80	17.71	19.20
		135	0	17.12	17.05	17.14	17.21	17.04	18.20
		135	69	17.93	17.88	17.86	17.80	17.77	19.20
		135	138	16.96	16.97	17.05	17.02	16.99	18.20
		270	0	16.88	17.10	17.04	17.08	17.07	18.20
	DFT-s-OFDM 16QAM	1	1	16.58	16.61	16.64	16.63	16.61	18.20
	DFT-s-OFDM 64QAM	1	1	15.17	15.07	15.19	15.24	15.14	16.70
	DFT-s-OFDM 256QAM	1	1	13.88	13.85	13.81	13.81	13.67	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	16.42	16.40	16.33	16.43	16.26	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	18.06	18.04	17.77	17.84	17.60	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	17.86	18.02	17.83	17.96	17.81	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	17.88	17.82	17.77	17.79	17.61	19.20
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	17.90	17.88	17.88	17.93	17.77	19.20
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	17.85	17.89	17.73	17.99	17.75	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	17.86	18.09	17.83	17.95	17.70	19.20
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	18.02	17.90	17.84	17.83	17.82	19.20
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	17.88	17.80	17.85	17.73	17.86	19.20

N41 PC3 State4				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	15.99	15.89	15.87	15.86	15.78	17.20
		1	137	15.81	15.95	15.75	15.72	15.83	17.20
		1	271	15.74	15.81	15.79	15.78	15.69	17.20
		135	0	15.17	15.13	15.20	15.22	15.09	16.20
		135	69	15.99	15.89	15.83	15.82	15.84	17.20
		135	138	15.02	14.89	14.99	15.01	14.93	16.20
		270	0	14.95	15.11	15.08	15.07	14.97	16.20
	DFT-s-OFDM 16QAM	1	1	14.51	14.56	14.61	14.67	14.63	16.20
	DFT-s-OFDM 64QAM	1	1	13.14	13.01	13.15	13.20	13.21	14.70
	DFT-s-OFDM 256QAM	1	1	11.81	11.89	11.75	11.72	11.76	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	14.35	14.40	14.40	14.43	14.27	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	16.03	16.00	15.82	15.95	15.61	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	15.89	16.06	15.85	15.96	15.80	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	15.85	15.88	15.66	15.82	15.73	17.20
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	15.88	15.88	15.87	15.88	15.78	17.20
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	15.87	15.86	15.77	15.89	15.75	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	15.92	16.06	15.88	15.96	15.71	17.20
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	16.01	15.92	15.81	15.89	15.77	17.20
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	15.88	15.82	15.85	15.80	15.88	17.20

N66 State1				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	20.69	20.76	20.70	22.00
		1	108	20.81	20.82	20.80	22.00
		1	214	20.81	20.71	20.80	22.00
		108	0	19.67	19.76	19.72	21.00
		108	54	20.74	20.81	20.81	22.00
		108	108	19.73	19.78	19.68	21.00
		216	0	19.89	19.81	19.88	21.00
	DFT-s-OFDM 16QAM	1	1	19.44	19.53	19.52	21.00
	DFT-s-OFDM 64QAM	1	1	17.98	18.05	17.95	19.50
	DFT-s-OFDM 256QAM	1	1	16.56	16.61	16.57	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.18	19.26	19.17	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.74	20.76	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.72	20.75	20.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.73	20.66	20.61	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.65	20.86	20.71	22.00

N66 State2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	17.19	17.19	17.17	18.50
		1	108	17.34	17.19	17.27	18.50
		1	214	17.32	17.19	17.31	18.50
		108	0	16.13	16.28	16.22	17.50
		108	54	17.28	17.30	17.26	18.50
		108	108	16.23	16.30	16.13	17.50
		216	0	16.32	16.26	16.42	17.50
	DFT-s-OFDM 16QAM	1	1	15.98	16.00	15.94	17.50
	DFT-s-OFDM 64QAM	1	1	14.43	14.55	14.44	16.00
	DFT-s-OFDM 256QAM	1	1	13.03	13.08	13.08	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	15.60	15.79	15.63	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	17.24	17.22	17.28	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	17.18	17.20	17.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	17.26	17.14	17.04	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	17.07	17.34	17.25	18.50

N66 State3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	18.71	18.72	18.64	20.00
		1	108	18.74	18.79	18.74	20.00
		1	214	18.75	18.69	18.72	20.00
		108	0	17.64	17.74	17.76	19.00
		108	54	18.69	18.79	18.78	20.00
		108	108	17.72	17.76	17.69	19.00
		216	0	17.85	17.82	17.92	19.00
	DFT-s-OFDM 16QAM	1	1	17.44	17.57	17.46	19.00
	DFT-s-OFDM 64QAM	1	1	15.95	16.07	15.96	17.50
	DFT-s-OFDM 256QAM	1	1	14.53	14.54	14.61	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	17.16	17.18	17.17	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	18.66	18.80	18.71	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	18.69	18.74	18.55	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	18.75	18.69	18.63	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	18.58	18.82	18.72	20.00

N66 State4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	16.18	16.20	16.21	17.50
		1	108	16.34	16.28	16.31	17.50
		1	214	16.26	16.25	16.27	17.50
		108	0	15.12	15.20	15.24	16.50
		108	54	16.25	16.29	16.30	17.50
		108	108	15.21	15.29	15.17	16.50
		216	0	15.32	15.34	15.36	16.50
	DFT-s-OFDM 16QAM	1	1	14.94	15.04	14.97	16.50
	DFT-s-OFDM 64QAM	1	1	13.43	13.51	13.41	15.00
	DFT-s-OFDM 256QAM	1	1	12.01	12.04	12.06	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	14.68	14.75	14.61	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	16.28	16.21	16.28	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	16.17	16.20	16.11	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	16.19	16.16	16.10	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	16.10	16.35	16.17	17.50

6.3 Conducted Power of NR Antenna (Ant4)

N7 State1				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 QPSK	1	1	21.22	21.23	21.18	22.50
		1	108	21.24	21.26	21.30	22.50
		1	214	21.23	21.16	21.13	22.50
		108	0	20.28	20.31	20.39	21.50
		108	54	21.34	21.29	21.24	22.50
		108	108	20.27	20.25	20.33	21.50
		216	0	20.20	20.26	20.28	21.50
	DFT-s-OFDM 16QAM	1	1	19.90	20.00	19.90	21.50
	DFT-s-OFDM 64QAM	1	1	18.53	18.47	18.50	20.00
	DFT-s-OFDM 256QAM	1	1	17.11	17.11	17.18	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	19.85	19.79	19.74	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	21.32	21.28	21.14	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	21.27	21.31	21.11	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	21.23	21.19	21.24	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	21.12	21.18	21.24	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	21.17	21.13	21.28	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	21.31	21.26	21.09	22.50

N7 State2				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 QPSK	1	1	19.92	19.86	19.86	21.00
		1	108	19.87	19.96	19.91	21.00
		1	214	19.84	19.87	19.78	21.00
		108	0	18.93	19.01	19.03	20.00
		108	54	19.96	19.97	19.95	21.00
		108	108	18.91	18.89	19.04	20.00
		216	0	18.91	18.86	18.99	20.00
	DFT-s-OFDM 16QAM	1	1	18.37	18.41	18.32	20.00
	DFT-s-OFDM 64QAM	1	1	16.97	16.93	16.92	18.50
	DFT-s-OFDM 256QAM	1	1	15.57	15.62	15.62	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	18.30	18.18	18.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	19.82	19.75	19.60	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	19.74	19.75	19.54	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.62	19.61	19.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	19.54	19.59	19.68	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	19.61	19.63	19.77	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	19.70	19.73	19.56	21.00

N7 State3				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 QPSK	1	1	18.64	18.68	18.62	20.00
		1	108	18.74	18.78	18.79	20.00
		1	214	18.66	18.62	18.58	20.00
		108	0	17.72	17.85	17.89	19.00
		108	54	18.86	18.72	18.72	20.00
		108	108	17.70	17.70	17.79	19.00
		216	0	17.67	17.80	17.74	19.00
	DFT-s-OFDM 16QAM	1	1	17.37	17.50	17.36	19.00
	DFT-s-OFDM 64QAM	1	1	15.99	15.92	16.01	17.50
	DFT-s-OFDM 256QAM	1	1	14.59	14.60	14.66	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	17.35	17.21	17.27	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	18.78	18.81	18.60	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	18.74	18.77	18.60	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	18.66	18.66	18.71	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	18.60	18.70	18.70	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	18.68	18.57	18.77	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	18.83	18.76	18.61	20.00

N7 State4				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 QPSK	1	1	20.69	20.71	20.70	22.00
		1	108	20.70	20.69	20.76	22.00
		1	214	20.66	20.68	20.56	22.00
		108	0	19.71	19.74	19.81	21.00
		108	54	20.83	20.76	20.66	22.00
		108	108	19.80	19.71	19.82	21.00
		216	0	19.74	19.73	19.70	21.00
	DFT-s-OFDM 16QAM	1	1	19.34	19.49	19.38	21.00
	DFT-s-OFDM 64QAM	1	1	18.07	17.90	17.95	19.50
	DFT-s-OFDM 256QAM	1	1	16.56	16.53	16.67	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	19.28	19.28	19.22	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	20.74	20.77	20.66	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	20.78	20.75	20.59	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	20.67	20.66	20.71	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	20.63	20.70	20.72	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	20.71	20.67	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	20.83	20.70	20.55	22.00

N38 State1/2				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 QPSK	1	1	19.77	19.88	19.78	21.20
		1	53	20.04	19.95	19.94	21.20
		1	104	19.81	19.82	19.90	21.20
		50	0	18.88	18.82	18.81	20.20
		50	28	19.91	19.86	19.84	21.20
		50	56	18.92	18.83	18.81	20.20
		100	0	18.67	18.76	18.74	20.20
	DFT-s-OFDM 16QAM	1	1	18.45	18.51	18.48	20.20
	DFT-s-OFDM 64QAM	1	1	17.06	17.04	16.96	18.70
	DFT-s-OFDM 256QAM	1	1	15.67	15.65	15.74	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	18.16	18.19	18.09	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.75	19.95	19.70	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.68	19.84	19.85	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	19.87	19.82	19.88	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	19.67	19.79	19.79	21.20

N38 State3				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 QPSK	1	1	17.21	17.33	17.27	18.70
		1	53	17.53	17.38	17.39	18.70
		1	104	17.26	17.31	17.32	18.70
		50	0	16.37	16.29	16.30	17.70
		50	28	17.36	17.32	17.30	18.70
		50	56	16.45	16.29	16.26	17.70
		100	0	16.16	16.30	16.20	17.70
	DFT-s-OFDM 16QAM	1	1	15.96	16.02	16.00	17.70
	DFT-s-OFDM 64QAM	1	1	14.56	14.54	14.42	16.20
	DFT-s-OFDM 256QAM	1	1	13.15	13.19	13.26	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	15.66	15.67	15.61	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	17.21	17.40	17.12	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	17.21	17.38	17.35	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	17.40	17.30	17.30	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	17.14	17.28	17.29	18.70

N38 State4				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 QPSK	1	1	18.76	18.90	18.72	20.20
		1	53	18.98	18.93	18.97	20.20
		1	104	18.74	18.77	18.85	20.20
		50	0	17.86	17.86	17.76	19.20
		50	28	18.92	18.79	18.76	20.20
		50	56	17.91	17.76	17.84	19.20
		100	0	17.62	17.80	17.76	19.20
	DFT-s-OFDM 16QAM	1	1	17.47	17.50	17.40	19.20
	DFT-s-OFDM 64QAM	1	1	16.04	16.06	15.89	17.70
	DFT-s-OFDM 256QAM	1	1	14.68	14.68	14.74	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	17.14	17.18	17.08	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	18.76	18.90	18.73	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	18.62	18.88	18.77	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	18.82	18.77	18.89	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	18.67	18.71	18.83	20.20

N41 PC3 State1/2				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	20.09	20.12	20.04	20.01	19.97	21.20
		1	137	19.98	19.97	19.89	19.75	19.74	21.20
		1	271	19.96	19.86	19.83	19.80	19.78	21.20
		135	0	19.04	19.06	19.01	19.08	19.01	20.20
		135	69	20.06	20.04	19.99	19.86	19.79	21.20
		135	138	18.90	19.01	18.94	18.92	19.02	20.20
		270	0	18.99	18.93	18.97	18.92	18.90	20.20
	DFT-s-OFDM 16QAM	1	1	18.52	18.47	18.57	18.58	18.51	20.20
	DFT-s-OFDM 64QAM	1	1	17.13	17.13	17.13	17.23	17.13	18.70
	DFT-s-OFDM 256QAM	1	1	15.73	15.76	15.76	15.74	15.66	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	18.26	18.40	18.33	18.43	18.31	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.17	20.17	20.14	19.95	19.90	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.19	20.21	20.12	20.05	20.06	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	20.18	20.02	20.11	19.94	19.94	21.20
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	20.03	19.97	19.97	19.89	21.20
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	20.05	20.17	19.94	19.95	20.04	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.99	20.14	19.94	19.95	19.99	21.20
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	20.05	20.22	20.11	19.94	19.87	21.20
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	19.99	20.10	20.13	20.00	19.92	21.20

N41 PC3 State3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	17.51	17.65	17.49	17.44	17.50	18.70
		1	137	17.45	17.40	17.37	17.21	17.28	18.70
		1	271	17.43	17.36	17.25	17.34	17.31	18.70
		135	0	16.58	16.52	16.49	16.59	16.44	17.70
		135	69	17.49	17.53	17.46	17.38	17.25	18.70
		135	138	16.34	16.43	16.36	16.39	16.51	17.70
		270	0	16.53	16.47	16.51	16.39	16.37	17.70
	DFT-s-OFDM 16QAM	1	1	16.04	15.92	16.00	16.03	16.00	17.70
	DFT-s-OFDM 64QAM	1	1	14.61	14.64	14.63	14.67	14.66	16.20
	DFT-s-OFDM 256QAM	1	1	13.22	13.20	13.23	13.27	13.17	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	15.77	15.91	15.79	15.97	15.79	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	17.65	17.69	17.59	17.44	17.42	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	17.69	17.72	17.65	17.56	17.54	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	17.72	17.49	17.65	17.48	17.44	18.70
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	17.62	17.45	17.51	17.43	17.38	18.70
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	17.57	17.60	17.48	17.43	17.54	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	17.50	17.67	17.48	17.49	17.52	18.70
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	17.50	17.66	17.56	17.38	17.30	18.70
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	17.46	17.55	17.64	17.51	17.40	18.70

N41 PC3 State4				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	19.13	19.12	19.00	18.96	18.91	20.20
		1	137	18.94	18.99	18.81	18.75	18.70	20.20
		1	271	18.97	18.83	18.77	18.73	18.71	20.20
		135	0	18.08	18.10	17.99	18.08	17.97	19.20
		135	69	19.07	18.99	18.95	18.87	18.80	20.20
		135	138	17.86	17.98	17.96	17.86	18.03	19.20
		270	0	18.01	17.91	17.89	17.84	17.92	19.20
	DFT-s-OFDM 16QAM	1	1	17.44	17.42	17.51	17.54	17.44	19.20
	DFT-s-OFDM 64QAM	1	1	16.10	16.05	16.14	16.23	16.08	17.70
	DFT-s-OFDM 256QAM	1	1	14.72	14.79	14.74	14.77	14.58	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	17.18	17.43	17.36	17.46	17.33	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.13	19.21	19.13	18.96	18.92	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.14	19.16	19.05	19.05	18.99	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	19.21	19.01	19.14	18.95	18.95	20.20
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	19.02	19.06	18.98	19.00	18.85	20.20
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	19.04	19.21	18.93	18.97	18.96	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.02	19.18	18.90	18.96	19.02	20.20
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	19.03	19.26	19.12	18.94	18.80	20.20
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	19.03	19.02	19.09	19.00	18.93	20.20

N66 State1/2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	23.15	23.05	23.08	24.50
		1	108	23.09	23.13	23.04	24.50
		1	214	22.99	23.06	22.97	24.50
		108	0	22.22	22.19	22.23	23.50
		108	54	23.09	23.18	23.09	24.50
		108	108	22.30	22.23	22.23	23.50
		216	0	22.14	22.23	22.13	23.50
	DFT-s-OFDM 16QAM	1	1	22.01	21.96	21.96	23.50
	DFT-s-OFDM 64QAM	1	1	20.65	20.56	20.59	22.00
	DFT-s-OFDM 256QAM	1	1	19.03	19.11	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.74	21.76	21.72	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	23.21	23.11	23.00	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	23.24	23.03	22.98	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	23.09	23.11	23.08	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	23.05	23.08	23.16	24.50

N66 State3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	21.60	21.48	21.55	23.00
		1	108	21.56	21.55	21.53	23.00
		1	214	21.51	21.59	21.40	23.00
		108	0	20.71	20.64	20.75	22.00
		108	54	21.58	21.66	21.62	23.00
		108	108	20.82	20.67	20.66	22.00
		216	0	20.56	20.77	20.64	22.00
	DFT-s-OFDM 16QAM	1	1	20.46	20.38	20.39	22.00
	DFT-s-OFDM 64QAM	1	1	19.17	19.02	19.01	20.50
	DFT-s-OFDM 256QAM	1	1	17.49	17.64	17.55	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	20.25	20.30	20.20	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.73	21.56	21.49	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.78	21.47	21.42	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.58	21.54	21.51	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.55	21.54	21.68	23.00

N66 State4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	22.59	22.54	22.59	24.00
		1	108	22.51	22.59	22.51	24.00
		1	214	22.45	22.57	22.41	24.00
		108	0	21.73	21.71	21.67	23.00
		108	54	22.51	22.62	22.57	24.00
		108	108	21.81	21.70	21.77	23.00
		216	0	21.68	21.67	21.58	23.00
	DFT-s-OFDM 16QAM	1	1	21.51	21.40	21.46	23.00
	DFT-s-OFDM 64QAM	1	1	20.08	20.00	20.09	21.50
	DFT-s-OFDM 256QAM	1	1	18.45	18.65	18.60	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.24	21.19	21.19	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	22.69	22.64	22.42	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	22.68	22.47	22.43	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	22.63	22.59	22.55	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	22.48	22.60	22.63	24.00

7 Conducted Power of WIFI and Bluetooth

7.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant7 WIFI 2.4G Standalone Receive off 2.4G WIFI+5G WIFI Receive off 2.4G WIFI+BT Receive off 2.4G WIFI+5G WIFI+BT Receive off 2.4G WIFI+WWAN Receive off 2.4G WIFI+WWAN+BT Receive off 2.4G WIFI+WWAN+5G WIFI Receive off 2.4G WIFI+WWAN+5G WIFI +BT Receive off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.60	19.00
	6	2437		17.92	19.00
	11	2462		17.71	19.00
802.11g	1	2412	6	14.43	16.00
	2	2417		17.75	19.00
	6	2437		17.79	19.00
	9	2452		17.75	19.00
	10	2457		16.48	18.00
	11	2462		14.36	16.00
802.11n HT20	1	2412	6.5	14.31	16.00
	2	2417		17.75	19.00
	6	2437		17.70	19.00
	11	2462		17.31	19.00
802.11n HT40	3	2422	13.5	12.51	14.00
	4	2427		13.56	15.00
	5	2432		17.75	19.00
	6	2437		17.62	19.00
	9	2452		17.52	19.00
802.11ac VHT20	1	2412	MCS0	14.39	16.00
	2	2417		16.75	18.00
	6	2437		16.73	18.00
	11	2462		16.45	18.00
802.11ac VHT40	3	2422	MCS0	12.56	14.00
	4	2427		13.54	15.00
	5	2432		17.12	19.00
	6	2437		16.62	18.00
	9	2452		16.54	18.00

WIFI 2.4G Ant7 WIFI 2.4G Standalone Receive on 2.4G WIFI+5G WIFI Receive on 2.4G WIFI+BT Receive on 2.4G WIFI+5G WIFI+BT Receive on					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.60	17.00
	6	2437		15.93	17.00
	11	2462		15.64	17.00
802.11g	1	2412	6	12.38	14.00
	2	2417		15.79	17.00
	6	2437		15.79	17.00
	9	2452		15.79	17.00
	10	2457		14.44	16.00
	11	2462		12.32	14.00
802.11n HT20	1	2412	6.5	12.30	14.00
	2	2417		15.75	17.00
	6	2437		15.72	17.00
	11	2462		15.34	17.00
802.11n HT40	3	2422	13.5	10.50	12.00
	4	2427		11.54	13.00
	5	2432		15.70	17.00
	6	2437		15.61	17.00
	9	2452		15.51	17.00
802.11ac VHT20	1	2412	MCS0	12.39	14.00
	2	2417		14.76	16.00
	6	2437		14.75	16.00
	11	2462		14.45	16.00
802.11ac VHT40	3	2422	MCS0	10.59	12.00
	4	2427		11.50	13.00
	5	2432		15.16	17.00
	6	2437		14.61	16.00
	9	2452		14.50	16.00

WIFI 2.4G Ant7 2.4G WIFI+WWAN Receive on 2.4G WIFI+WWAN+BT Receive on 2.4G WIFI+WWAN+5G WIFI Receive on 2.4G WIFI+WWAN+5G WIFI +BT Receive on					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	13.59	15.00
	6	2437		13.94	15.00
	11	2462		13.64	15.00
802.11g	1	2412	6	10.42	12.00
	2	2417		13.75	15.00
	6	2437		13.80	15.00
	9	2452		13.84	15.00
	10	2457		12.44	14.00
	11	2462		10.37	12.00
802.11n HT20	1	2412	6.5	10.25	12.00
	2	2417		13.75	15.00
	6	2437		13.74	15.00
	11	2462		13.35	15.00
802.11n HT40	3	2422	13.5	8.50	10.00
	4	2427		9.50	11.00
	5	2432		13.65	15.00
	6	2437		13.66	15.00
	9	2452		13.55	15.00
802.11ac VHT20	1	2412	MCS0	10.36	12.00
	2	2417		12.76	14.00
	6	2437		12.78	14.00
	11	2462		12.50	14.00
802.11ac VHT40	3	2422	MCS0	8.61	10.00
	4	2427		9.52	11.00
	5	2432		13.14	15.00
	6	2437		12.66	14.00
	9	2452		12.45	14.00

7.2 Conducted Power of 5G WIFI

WIFI 5G Ant7 5G WIFI Standalone Receive off 2.4G WIFI+5G WIFI Receive off 5G WIFI+BT Receive off 2.4G WIFI+5G WIFI+BT Receive off						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.12	17.50
		40	5200		17.21	18.50
		44	5220		17.09	18.50
		48	5240		17.12	18.50
	U-NII-2A	52	5260		17.61	18.50
		56	5280		17.02	18.50
		60	5300		17.08	18.50
		64	5320		16.04	17.50
	U-NII-2C	100	5500		14.48	15.50
		104	5520		17.41	18.50
		108	5540		17.17	18.50
		112	5560		17.21	18.50
		116	5580		17.31	18.50
		120	5600		17.21	18.50
		124	5620		17.25	18.50
		128	5640		17.10	18.50
		132	5660		17.16	18.50
		136	5680		16.36	17.50
		140	5700		13.28	14.50
	U-NII-3	149	5745		17.16	18.50
		153	5765		17.26	18.50
		157	5785		17.25	18.50
		161	5805		17.27	18.50
		165	5825		17.38	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	16.23	17.50
		40	5200		17.42	18.50
		44	5220		17.21	18.50
		48	5240		17.05	18.50
	U-NII-2A	52	5260		17.21	18.50
		56	5280		17.06	18.50
		60	5300		17.09	18.50
		64	5320		16.02	17.50
	U-NII-2C	100	5500		14.51	15.50
		104	5520		17.45	18.50
		108	5540		17.35	18.50
		112	5560		17.52	18.50
		116	5580		17.42	18.50
		120	5600		17.29	18.50
		124	5620		17.21	18.50
		128	5640		17.28	18.50
		132	5660		17.33	18.50
		136	5680		16.29	17.50

		140	5700		13.35	14.50
		149	5745		17.20	18.50
		153	5765		17.10	18.50
		157	5785		17.11	18.50
		161	5805		17.17	18.50
		165	5825		17.24	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	13.95	15.50
		46	5230		17.17	18.50
	U-NII-2A	54	5270		17.33	18.50
		62	5310		14.12	15.50
	U-NII-2C	102	5510		13.24	14.50
		110	5550		17.36	18.50
		118	5590		17.54	18.50
		126	5630		17.23	18.50
		134	5670		14.22	15.50
		151	5755		17.15	18.50
	U-NII-3	159	5795		17.08	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	16.07	17.50
		40	5200		17.06	18.50
		44	5220		17.25	18.50
		48	5240		17.28	18.50
	U-NII-2A	52	5260		17.33	18.50
		56	5280		16.99	18.50
		60	5300		17.16	18.50
		64	5320		15.98	17.50
	U-NII-2C	100	5500		14.40	15.50
		104	5520		17.16	18.50
		108	5540		17.22	18.50
		112	5560		17.17	18.50
		116	5580		17.48	18.50
		120	5600		17.41	18.50
		124	5620		17.23	18.50
		128	5640		17.30	18.50
		132	5660		17.30	18.50
		136	5680		16.38	17.50
		140	5700		13.28	14.50
	U-NII-3	149	5745		17.13	18.50
		153	5765		17.20	18.50
		157	5785		17.20	18.50
		161	5805		17.11	18.50
		165	5825		17.18	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	14.26	15.50
		46	5230		17.38	18.50
	U-NII-2A	54	5270		17.30	18.50



		62	5310		11.11	12.50
	U-NII-2C	102	5510		13.11	14.50
		110	5550		17.22	18.50
		118	5590		17.10	18.50
		126	5630		17.24	18.50
		134	5670		14.34	15.50
	U-NII-3	151	5755		17.21	18.50
		159	5795		17.31	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	17.08	18.50
	U-NII-2A	58	5290		13.46	14.50
	U-NII-2C	106	5530		12.11	13.50
		122	5610		14.34	15.50
	U-NII-3	155	5775		16.23	17.50

WIFI 5G Ant7 5G WIFI+WWAN Receive off						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	15.09	16.50
		40	5200		16.19	17.50
		44	5220		16.13	17.50
		48	5240		16.13	17.50
	U-NII-2A	52	5260		16.62	17.50
		56	5280		16.09	17.50
		60	5300		16.07	17.50
		64	5320		14.99	16.50
	U-NII-2C	100	5500		13.47	14.50
		104	5520		16.43	17.50
		108	5540		16.20	17.50
		112	5560		16.25	17.50
		116	5580		16.28	17.50
		120	5600		16.17	17.50
		124	5620		16.24	17.50
		128	5640		16.12	17.50
		132	5660		16.16	17.50
		136	5680		15.43	16.50
		140	5700		12.35	13.50
	U-NII-3	149	5745		16.17	17.50
		153	5765		16.22	17.50
		157	5785		16.32	17.50
		161	5805		16.31	17.50
		165	5825		16.34	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.20	16.50
		40	5200		16.39	17.50
		44	5220		16.27	17.50
		48	5240		16.05	17.50
	U-NII-2A	52	5260		16.24	17.50
		56	5280		16.12	17.50
		60	5300		16.04	17.50
		64	5320		15.01	16.50
	U-NII-2C	100	5500		13.48	14.50
		104	5520		16.46	17.50
		108	5540		16.34	17.50
		112	5560		16.48	17.50
		116	5580		16.44	17.50
		120	5600		16.31	17.50
		124	5620		16.17	17.50
		128	5640		16.28	17.50
		132	5660		16.34	17.50
		136	5680		15.34	16.50
		140	5700		12.38	13.50
	U-NII-3	149	5745		16.20	17.50

		153	5765		16.10	17.50
		157	5785		16.11	17.50
		161	5805		16.12	17.50
		165	5825		16.25	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	13.02	14.50
		46	5230		16.23	17.50
	U-NII-2A	54	5270		16.35	17.50
		62	5310		13.47	14.50
	U-NII-2C	102	5510		12.27	13.50
		110	5550		16.43	17.50
		118	5590		16.47	17.50
		126	5630		16.20	17.50
		134	5670		13.23	14.50
	U-NII-3	151	5755		16.14	17.50
		159	5795		16.15	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	15.09	16.50
		40	5200		16.04	17.50
		44	5220		16.27	17.50
		48	5240		16.25	17.50
	U-NII-2A	52	5260		16.38	17.50
		56	5280		15.99	17.50
		60	5300		16.17	17.50
		64	5320		14.94	16.50
	U-NII-2C	100	5500		13.44	14.50
		104	5520		16.12	17.50
		108	5540		16.25	17.50
		112	5560		16.16	17.50
		116	5580		16.49	17.50
		120	5600		16.38	17.50
		124	5620		16.26	17.50
		128	5640		16.25	17.50
		132	5660		16.33	17.50
		136	5680		15.35	16.50
		140	5700		12.23	13.50
	U-NII-3	149	5745		16.13	17.50
		153	5765		16.17	17.50
		157	5785		16.18	17.50
		161	5805		16.18	17.50
		165	5825		16.24	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	13.21	14.50
		46	5230		16.37	17.50
	U-NII-2A	54	5270		16.31	17.50
		62	5310		13.10	14.50
	U-NII-2C	102	5510		12.07	13.50

		110	5550		16.28	17.50
		118	5590		16.11	17.50
		126	5630		16.19	17.50
		134	5670		13.36	14.50
	U-NII-3	151	5755		16.27	17.50
		159	5795		16.34	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	16.11	17.50
	U-NII-2A	58	5290		12.41	13.50
	U-NII-2C	106	5530		11.08	12.50
		122	5610		13.23	14.50
	U-NII-3	155	5775		15.28	16.50

WIFI 5G Ant7 5G WIFI+WWAN+BT Receive off 2.4G WIFI +WWAN+5G WIFI Receive off 2.4G WIFI +WWAN+5G WIFI +BT Receive off						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	14.60	16.00
		40	5200		15.72	17.00
		44	5220		15.58	17.00
		48	5240		15.66	17.00
	U-NII-2A	52	5260		16.14	17.00
		56	5280		15.48	17.00
		60	5300		15.56	17.00
		64	5320		14.51	16.00
	U-NII-2C	100	5500		12.99	14.00
		104	5520		15.85	17.00
		108	5540		15.62	17.00
		112	5560		15.76	17.00
		116	5580		15.85	17.00
		120	5600		15.65	17.00
		124	5620		15.74	17.00
		128	5640		15.66	17.00
		132	5660		15.61	17.00
		136	5680		14.90	16.00
		140	5700		11.77	13.00
	U-NII-3	149	5745		15.65	17.00
		153	5765		15.75	17.00
		157	5785		15.72	17.00
		161	5805		15.75	17.00
		165	5825		15.81	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.66	16.00
		40	5200		15.94	17.00
		44	5220		15.65	17.00
		48	5240		15.52	17.00
	U-NII-2A	52	5260		15.70	17.00
		56	5280		15.63	17.00
		60	5300		15.64	17.00
		64	5320		14.56	16.00
	U-NII-2C	100	5500		12.98	14.00
		104	5520		15.94	17.00
		108	5540		15.82	17.00
		112	5560		15.99	17.00
		116	5580		15.96	17.00
		120	5600		15.75	17.00
		124	5620		15.71	17.00
		128	5640		15.81	17.00
		132	5660		15.85	17.00
		136	5680		14.82	16.00
		140	5700		11.91	13.00

		149	5745		15.73	17.00
		153	5765		15.54	17.00
		157	5785		15.62	17.00
		161	5805		15.63	17.00
		165	5825		15.73	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	12.51	14.00
		46	5230		15.71	17.00
	U-NII-2A	54	5270		15.84	17.00
		62	5310		12.91	14.00
	U-NII-2C	102	5510		11.70	13.00
		110	5550		15.82	17.00
		118	5590		15.95	17.00
		126	5630		15.79	17.00
		134	5670		12.72	14.00
		151	5755		15.67	17.00
	U-NII-3	159	5795		15.54	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	14.58	16.00
		40	5200		15.62	17.00
		44	5220		15.68	17.00
		48	5240		15.84	17.00
	U-NII-2A	52	5260		15.77	17.00
		56	5280		15.46	17.00
		60	5300		15.59	17.00
		64	5320		14.48	16.00
	U-NII-2C	100	5500		12.94	14.00
		104	5520		15.70	17.00
		108	5540		15.71	17.00
		112	5560		15.71	17.00
		116	5580		15.93	17.00
		120	5600		15.96	17.00
		124	5620		15.80	17.00
		128	5640		15.78	17.00
		132	5660		15.85	17.00
		136	5680		14.88	16.00
		140	5700		11.74	13.00
	U-NII-3	149	5745		15.58	17.00
		153	5765		15.76	17.00
		157	5785		15.71	17.00
		161	5805		15.68	17.00
		165	5825		15.74	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	12.72	14.00
		46	5230		15.85	17.00
	U-NII-2A	54	5270		15.82	17.00
		62	5310		12.59	14.00



		102	5510		11.64	13.00
		110	5550		15.69	17.00
		118	5590		15.65	17.00
		126	5630		15.72	17.00
		134	5670		12.91	14.00
		151	5755		15.78	17.00
		159	5795		15.78	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	15.56	17.00
	U-NII-2A	58	5290		12.00	13.00
	U-NII-2C	106	5530		10.60	12.00
		122	5610		12.62	14.00
	U-NII-3	155	5775		14.76	16.00

WIFI 5G Ant7 5G WIFI Standalone Receive on 2.4G WIFI+5G WIFI Receive on 5G WIFI+BT Receive on 2.4G WIFI+5G WIFI+BT Receive on						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	14.06	15.50
		40	5200		15.16	16.50
		44	5220		15.02	16.50
		48	5240		15.18	16.50
	U-NII-2A	52	5260		15.66	16.50
		56	5280		15.06	16.50
		60	5300		15.08	16.50
		64	5320		13.98	15.50
	U-NII-2C	100	5500		12.44	13.50
		104	5520		15.36	16.50
		108	5540		15.10	16.50
		112	5560		15.21	16.50
		116	5580		15.25	16.50
		120	5600		15.14	16.50
		124	5620		15.21	16.50
		128	5640		15.08	16.50
		132	5660		15.18	16.50
		136	5680		14.37	15.50
		140	5700		11.27	12.50
	U-NII-3	149	5745		15.16	16.50
		153	5765		15.28	16.50
		157	5785		15.22	16.50
		161	5805		15.23	16.50
		165	5825		15.40	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.20	15.50
		40	5200		15.39	16.50
		44	5220		15.19	16.50
		48	5240		15.02	16.50
	U-NII-2A	52	5260		15.22	16.50
		56	5280		15.12	16.50
		60	5300		15.11	16.50
		64	5320		14.04	15.50
	U-NII-2C	100	5500		12.51	13.50
		104	5520		15.51	16.50
		108	5540		15.34	16.50
		112	5560		15.54	16.50
		116	5580		15.41	16.50
		120	5600		15.29	16.50
		124	5620		15.22	16.50
		128	5640		15.34	16.50
		132	5660		15.36	16.50
		136	5680		14.23	15.50
		140	5700		11.37	12.50

		149	5745		15.25	16.50
		153	5765		15.15	16.50
		157	5785		15.11	16.50
		161	5805		15.14	16.50
		165	5825		15.18	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.98	13.50
		46	5230		15.16	16.50
	U-NII-2A	54	5270		15.30	16.50
		62	5310		12.10	13.50
	U-NII-2C	102	5510		11.23	12.50
		110	5550		15.24	16.50
		118	5590		15.39	16.50
		126	5630		15.17	16.50
		134	5670		12.28	13.50
	U-NII-3	151	5755		15.11	16.50
		159	5795		15.04	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	14.06	15.50
		40	5200		15.03	16.50
		44	5220		15.26	16.50
		48	5240		15.22	16.50
	U-NII-2A	52	5260		15.32	16.50
		56	5280		15.03	16.50
		60	5300		15.15	16.50
		64	5320		13.91	15.50
	U-NII-2C	100	5500		12.39	13.50
		104	5520		15.13	16.50
		108	5540		15.20	16.50
		112	5560		15.14	16.50
		116	5580		15.42	16.50
		120	5600		15.34	16.50
		124	5620		15.22	16.50
		128	5640		15.37	16.50
		132	5660		15.34	16.50
		136	5680		14.32	15.50
		140	5700		11.27	12.50
	U-NII-3	149	5745		15.06	16.50
		153	5765		15.14	16.50
		157	5785		15.18	16.50
		161	5805		15.16	16.50
		165	5825		15.23	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	12.31	13.50
		46	5230		15.36	16.50
	U-NII-2A	54	5270		15.35	16.50
		62	5310		12.14	13.50

	U-NII-2C	102	5510		11.07	12.50
		110	5550		15.18	16.50
		118	5590		15.16	16.50
		126	5630		15.24	16.50
		134	5670		12.27	13.50
	U-NII-3	151	5755		15.25	16.50
		159	5795		15.37	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	15.10	16.50
	U-NII-2A	58	5290		11.50	12.50
	U-NII-2C	106	5530		10.04	11.50
		122	5610		12.22	13.50
	U-NII-3	155	5775		14.19	15.50

WIFI 5G Ant7 5G WIFI+WWAN Receive on						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	12.06	13.50
		40	5200		13.14	14.50
		44	5220		13.10	14.50
		48	5240		13.12	14.50
	U-NII-2A	52	5260		13.63	14.50
		56	5280		12.97	14.50
		60	5300		13.07	14.50
		64	5320		12.06	13.50
	U-NII-2C	100	5500		10.45	11.50
		104	5520		13.47	14.50
		108	5540		13.20	14.50
		112	5560		13.22	14.50
		116	5580		13.36	14.50
		120	5600		13.14	14.50
		124	5620		13.22	14.50
		128	5640		13.11	14.50
		132	5660		13.12	14.50
		136	5680		12.37	13.50
		140	5700		9.29	10.50
	U-NII-3	149	5745		13.17	14.50
		153	5765		13.25	14.50
		157	5785		13.20	14.50
		161	5805		13.29	14.50
		165	5825		13.43	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.18	13.50
		40	5200		13.44	14.50
		44	5220		13.24	14.50
		48	5240		13.03	14.50
	U-NII-2A	52	5260		13.22	14.50
		56	5280		12.99	14.50

		60	5300		13.08	14.50
		64	5320		12.06	13.50
	U-NII-2C	100	5500		10.56	11.50
		104	5520		13.41	14.50
		108	5540		13.34	14.50
		112	5560		13.54	14.50
		116	5580		13.40	14.50
		120	5600		13.31	14.50
		124	5620		13.20	14.50
		128	5640		13.23	14.50
		132	5660		13.30	14.50
		136	5680		12.23	13.50
		140	5700		9.40	10.50
	U-NII-3	149	5745		13.15	14.50
		153	5765		13.09	14.50
		157	5785		13.14	14.50
		161	5805		13.21	14.50
		165	5825		13.29	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	10.00	11.50
		46	5230		13.14	14.50
	U-NII-2A	54	5270		13.37	14.50
		62	5310		10.38	11.50
	U-NII-2C	102	5510		9.30	10.50
		110	5550		13.32	14.50
		118	5590		13.39	14.50
		126	5630		13.23	14.50
		134	5670		10.28	11.50
	U-NII-3	151	5755		13.03	14.50
		159	5795		13.02	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	12.11	13.50
		40	5200		13.07	14.50
		44	5220		13.24	14.50
		48	5240		13.23	14.50
	U-NII-2A	52	5260		13.38	14.50
		56	5280		13.04	14.50
		60	5300		13.15	14.50
		64	5320		12.02	13.50
	U-NII-2C	100	5500		10.40	11.50
		104	5520		13.12	14.50
		108	5540		13.24	14.50
		112	5560		13.11	14.50
		116	5580		13.49	14.50
		120	5600		13.42	14.50
		124	5620		13.16	14.50
		128	5640		13.32	14.50
		132	5660		13.26	14.50

		136	5680		12.42	13.50
		140	5700		9.23	10.50
	U-NII-3	149	5745		13.20	14.50
		153	5765		13.13	14.50
		157	5785		13.19	14.50
		161	5805		13.14	14.50
		165	5825		13.16	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	10.24	11.50
		46	5230		13.45	14.50
	U-NII-2A	54	5270		13.29	14.50
		62	5310		10.11	11.50
	U-NII-2C	102	5510		9.05	10.50
		110	5550		13.25	14.50
		118	5590		13.11	14.50
		126	5630		13.25	14.50
		134	5670		10.31	11.50
		151	5755		13.25	14.50
	U-NII-3	159	5795		13.32	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	13.06	14.50
	U-NII-2A	58	5290		9.39	10.50
	U-NII-2C	106	5530		8.15	9.50
		122	5610		10.19	11.50
	U-NII-3	155	5775		12.22	13.50

WIFI 5G Ant7 5G WIFI+WWAN+BT Receive on 2.4G WIFI +WWAN+5G WIFI Receive on 2.4G WIFI +WWAN+5G WIFI +BT Receive on						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	11.64	13.00
		40	5200		12.68	14.00
		44	5220		12.63	14.00
		48	5240		12.68	14.00
	U-NII-2A	52	5260		13.05	14.00
		56	5280		12.54	14.00
		60	5300		12.59	14.00
		64	5320		11.61	13.00
	U-NII-2C	100	5500		10.03	11.00
		104	5520		12.97	14.00
		108	5540		12.60	14.00
		112	5560		12.74	14.00
		116	5580		12.85	14.00
		120	5600		12.72	14.00
		124	5620		12.70	14.00
		128	5640		12.66	14.00
		132	5660		12.68	14.00
		136	5680		11.92	13.00
		140	5700		8.73	10.00
	U-NII-3	149	5745		12.59	14.00
		153	5765		12.70	14.00
		157	5785		12.72	14.00
		161	5805		12.76	14.00
		165	5825		12.91	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	11.67	13.00
		40	5200		12.98	14.00
		44	5220		12.76	14.00
		48	5240		12.59	14.00
	U-NII-2A	52	5260		12.73	14.00
		56	5280		12.62	14.00
		60	5300		12.55	14.00
		64	5320		11.50	13.00
	U-NII-2C	100	5500		10.04	11.00
		104	5520		12.89	14.00
		108	5540		12.87	14.00
		112	5560		13.08	14.00
		116	5580		12.97	14.00
		120	5600		12.77	14.00
		124	5620		12.70	14.00
		128	5640		12.71	14.00
		132	5660		12.90	14.00
		136	5680		11.74	13.00
		140	5700		8.82	10.00

		149	5745		12.77	14.00
		153	5765		12.56	14.00
		157	5785		12.58	14.00
		161	5805		12.60	14.00
		165	5825		12.73	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	9.40	11.00
		46	5230		12.64	14.00
	U-NII-2A	54	5270		12.89	14.00
		62	5310		9.97	11.00
	U-NII-2C	102	5510		8.73	10.00
		110	5550		12.92	14.00
		118	5590		12.96	14.00
		126	5630		12.79	14.00
		134	5670		9.68	11.00
		151	5755		12.54	14.00
	U-NII-3	159	5795		12.60	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	11.55	13.00
		40	5200		12.49	14.00
		44	5220		12.80	14.00
		48	5240		12.81	14.00
	U-NII-2A	52	5260		12.79	14.00
		56	5280		12.54	14.00
		60	5300		12.68	14.00
		64	5320		11.48	13.00
	U-NII-2C	100	5500		9.87	11.00
		104	5520		12.68	14.00
		108	5540		12.66	14.00
		112	5560		12.70	14.00
		116	5580		13.04	14.00
		120	5600		12.88	14.00
		124	5620		12.78	14.00
		128	5640		12.78	14.00
		132	5660		12.81	14.00
		136	5680		11.92	13.00
		140	5700		8.83	10.00
	U-NII-3	149	5745		12.65	14.00
		153	5765		12.65	14.00
		157	5785		12.67	14.00
		161	5805		12.60	14.00
		165	5825		12.70	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	9.75	11.00
		46	5230		12.92	14.00
	U-NII-2A	54	5270		12.82	14.00
		62	5310		9.62	11.00



		102	5510		8.58	10.00
		110	5550		12.71	14.00
		118	5590		12.61	14.00
		126	5630		12.69	14.00
		134	5670		9.83	11.00
		151	5755		12.75	14.00
		159	5795		12.88	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.52	14.00
	U-NII-2A	58	5290		8.98	10.00
	U-NII-2C	106	5530		7.64	9.00
		122	5610		9.62	11.00
	U-NII-3	155	5775		11.73	13.00

7.3 Conducted Power of Bluetooth

BT Ant7		Average Conducted Power(dBm)					
Band	Channel	0	Tune up	39	Tune up	78	Tune up
BT	GFSK	10.42	12.00	11.37	13.00	12.02	13.50
	$\pi/4$ DQPSK	7.69	9.50	8.94	10.50	9.53	11.00
	8DPSK	7.72	9.50	9.00	10.50	9.69	11.00
Band	Channel	0	Tune up	19	Tune up	39	Tune up
BLE 1M	GFSK	5.34	7.00	6.20	7.00	5.71	7.00
Band	Channel	1	Tune up	19	Tune up	38	Tune up
BLE 2M	GFSK	5.14	7.00	5.93	7.00	5.58	7.00