



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	18.64	18.58	18.36	18.29	18.24	20.00
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	18.63	18.52	18.10	18.09	18.14	20.00
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	18.54	18.54	18.17	18.07	18.03	20.00
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	18.71	18.60	18.19	18.17	18.11	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.69	18.66	18.27	18.24	18.12	20.00
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	18.82	18.76	18.32	18.32	18.12	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509400	518598	527802	537000	
10MHz	DFT-s-OFDM QPSK	1	1	18.59	18.44	18.11	18.20	18.13	20.00

N41 Class 2 Receiver on				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 PI/2 BPSK	1	1	17.20	16.97	16.63	16.66	16.71	18.00
		1	137	16.77	16.85	16.72	16.50	16.65	18.00
		1	271	16.69	16.88	16.46	16.52	16.45	18.00
		135	0	13.47	13.75	13.32	13.10	12.97	14.50
		135	69	16.82	16.79	16.93	16.76	16.50	18.00
		135	138	13.22	13.08	13.46	13.44	12.90	14.50
	270	0	15.96	16.02	15.85	15.43	15.43	17.00	
	DFT-s-	1	1	17.31	16.94	16.85	16.71	16.58	18.00

				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	15.76	16.14	15.76	15.89	15.58	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.83	15.98	15.71	15.82	15.63	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.75	16.03	15.60	15.87	15.47	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.92	15.94	15.74	15.98	15.54	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509400	Channel 518598	Channel 527802	Channel 537000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.89	16.16	15.70	15.81	15.57	16.50

Table 21 : Conducted Power of NR

16 Conducted Power of Main Antenna (Ant2) 25% Duty cycle TDD NR

16.1 Conducted Power of 25% Duty cycle TDD NR

N77				Conducted Power(dBm)						
				SCS 30kHz						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.22	16.80	16.61	16.59	16.25	16.27	17.00
		1	137	16.03	16.50	16.55	16.58	16.19	16.01	17.00
		1	271	15.79	16.54	16.41	16.12	15.82	15.96	17.00
		135	0	15.14	15.60	15.30	15.47	15.19	15.08	16.00
		135	69	16.22	16.54	16.39	16.23	16.08	16.04	17.00
		135	138	15.12	15.35	15.00	14.95	14.93	15.02	16.00
		270	0	14.98	15.54	15.21	15.15	14.92	15.00	16.00
	DFT-s-OFDM QPSK	1	1	16.17	16.63	16.49	16.39	16.44	16.08	17.00
		1	137	16.29	16.60	16.66	16.33	16.24	16.10	17.00
		1	271	15.81	16.39	16.27	16.10	16.16	15.78	17.00
		135	0	15.12	15.52	15.26	15.28	15.12	14.91	16.00
		135	69	16.18	16.49	16.31	16.23	16.03	15.93	17.00
		135	138	15.06	15.40	15.32	14.91	14.95	14.86	16.00
		270	0	15.04	15.58	15.30	15.36	15.11	14.91	16.00
	DFT-s-OFDM 16QAM	1	1	15.49	15.27	15.30	15.37	15.00	15.21	16.00
	DFT-s-OFDM 64QAM	1	1	13.27	13.63	13.54	13.51	13.58	13.16	14.50
DFT-s-OFDM 256QAM	1	1	11.77	11.98	11.90	11.79	11.49	11.36	12.50	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	15.13	15.21	15.41	15.25	15.06	15.25	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	16.15	16.67	16.41	16.33	16.37	16.14	17.00
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	16.13	16.67	16.44	16.47	16.41	16.03	17.00
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	16.09	16.67	16.50	16.44	16.53	16.11	17.00
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	16.14	16.62	16.41	16.44	16.50	16.10	17.00
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	16.07	16.69	16.54	16.30	16.36	15.99	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.18	16.60	16.41	16.39	16.40	16.00	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	16.19	16.62	16.42	16.33	16.46	16.00	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	16.16	16.65	16.51	16.35	16.36	16.15	17.00

N78(Class 2)				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
				/	3750.00	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.28	/	19.00	
		1	137	/	18.39	/	19.00	
		1	271	/	18.07	/	19.00	
		135	0	/	14.32	/	15.00	
		135	69	/	18.24	/	19.00	
		135	138	/	14.24	/	15.00	
			270	0	/	17.24	/	18.00
		DFT-s-OFDM QPSK	1	1	/	18.31	/	19.00
			1	137	/	18.30	/	19.00
			1	271	/	18.05	/	19.00
			135	0	/	14.25	/	15.00
			135	69	/	18.13	/	19.00
			135	138	/	14.15	/	15.00
			270	0	/	17.10	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.06	/	18.00	
	DFT-s-OFDM 64QAM	1	1	/	15.39	/	16.50	
	DFT-s-OFDM 256QAM	1	1	/	13.45	/	14.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	CP-OFDM QPSK	1	1	/	17.12	/	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
90MHz	DFT-s-OFDM QPSK	1	1	/	18.44	/	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
80MHz	DFT-s-OFDM QPSK	1	1	/	18.45	/	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
60MHz	DFT-s-OFDM QPSK	1	1	/	18.20	/	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
50MHz	DFT-s-OFDM QPSK	1	1	/	18.29	/	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
40MHz	DFT-s-OFDM QPSK	1	1	/	18.30	/	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		

30MHz	DFT-s-OFDM QPSK	1	1	/	18.46	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	18.21	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	18.30	/	19.00

N78(Class 3)				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.46	/	17.50
		1	137	/	17.21	/	17.50
		1	271	/	17.06	/	17.50
		135	0	/	15.93	/	16.50
		135	69	/	17.21	/	17.50
		135	138	/	16.23	/	16.50
		270	0	/	16.06	/	16.50
	DFT-s-OFDM QPSK	1	1	/	17.40	/	17.50
		1	137	/	17.14	/	17.50
		1	271	/	17.19	/	17.50
		135	0	/	16.16	/	16.50
		135	69	/	17.17	/	17.50
		135	138	/	16.18	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	16.11	/	16.50
		1	1	/	14.30	/	15.00
		1	1	/	12.43	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	15.23	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	17.35	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.42	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	

60MHz	DFT-s-OFDM QPSK	1	1	/	17.36	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	17.29	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.38	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	17.44	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	17.33	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	17.26	/	17.50

Table 22 : Conducted Power of NR

17 Conducted Power of Main Antenna (Ant3) 25% Duty cycle TDD NR

17.1 Conducted Power of 25% Duty cycle TDD NR

N38				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				516000	519000	522000		
				2580	2595	2610		
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.25	16.20	16.21	17.50	
		1	53	16.45	16.10	16.04	17.50	
		1	104	15.99	16.08	16.22	17.50	
		50	0	15.39	15.52	15.31	16.50	
		50	28	16.38	16.23	16.67	17.50	
		50	56	15.21	15.30	15.28	16.50	
		DFT-s-OFDM QPSK	100	0	15.44	15.27	15.48	16.50
	1		1	16.18	16.38	16.24	17.50	
	1		53	16.29	16.32	16.22	17.50	
	1		104	16.20	16.24	16.23	17.50	
	50		0	15.42	15.38	15.40	16.50	
	50		28	16.48	16.27	16.38	17.50	
	50		56	15.43	15.26	15.43	16.50	
	100		0	15.29	15.18	15.40	16.50	

	DFT-s-OFDM 16QAM	1	1	15.40	15.24	15.54	16.50
	DFT-s-OFDM 64QAM	1	1	14.56	14.60	14.42	15.00
	DFT-s-OFDM 256QAM	1	1	12.42	12.33	12.56	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	CP-OFDM QPSK	1	1	15.43	15.23	15.33	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	15.32	15.27	15.38	16.00

N41 Class 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 PI/2 BPSK	1	1	18.21	18.21	18.03	18.28	18.07	20.00
		1	137	18.19	18.16	18.11	18.14	18.07	20.00
		1	271	18.08	18.02	18.17	18.06	18.16	20.00
		135	0	17.12	17.24	17.31	17.23	17.13	19.00
		135	69	18.21	18.29	18.28	18.26	18.09	20.00
		135	138	17.44	17.25	17.36	17.33	17.13	19.00
		270	0	17.16	17.36	17.21	17.37	17.37	19.00
	DFT-s-OFDM QPSK	1	1	18.16	18.00	18.19	18.19	18.07	20.00
		1	137	18.10	18.15	18.14	18.06	18.16	20.00
		1	271	18.14	18.14	18.12	18.13	18.14	20.00
		135	0	17.27	17.33	17.12	17.28	17.23	19.00
		135	69	18.37	18.19	18.23	18.23	18.30	20.00
		135	138	17.20	17.35	17.16	17.16	17.22	19.00
	DFT-s-OFDM 16QAM	1	1	17.46	17.27	17.06	17.13	17.16	19.00
		1	1	15.65	15.51	15.61	15.50	15.59	17.50
		1	1	13.78	13.69	13.68	13.54	13.59	15.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	17.42	17.07	17.04	16.97	17.05	18.50
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	18.29	18.06	18.04	18.20	18.00	20.00
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	18.21	18.11	18.18	18.17	18.16	20.00
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	18.25	18.07	18.13	18.12	18.10	20.00
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	18.21	18.11	18.06	18.29	18.30	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.29	18.17	18.18	18.25	18.19	20.00
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	18.21	18.26	18.18	18.18	18.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509400	518598	527802	537000	
10MHz	DFT-s-OFDM QPSK	1	1	18.29	18.27	18.19	18.12	18.14	20.00

N41 Class 2 Receiver on				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 PI/2 BPSK	1	1	18.21	17.82	18.03	18.28	17.97	19.00
		1	137	18.19	17.96	18.11	18.14	18.07	19.00
		1	271	18.08	18.02	17.98	18.06	18.16	19.00
		135	0	17.12	17.24	17.31	17.23	17.13	18.00
		135	69	18.21	18.29	18.28	18.26	18.09	19.00
		135	138	17.44	17.25	17.36	17.33	16.93	18.00
		270	0	17.16	17.36	17.21	17.37	17.37	18.00
	DFT-s-OFDM QPSK	1	1	18.18	18.00	17.95	18.19	18.07	19.00
		1	137	18.10	18.15	18.14	18.06	18.18	19.00
		1	271	18.14	18.14	18.12	18.13	18.18	19.00
		135	0	17.27	17.33	17.12	17.28	17.23	18.00
		135	69	18.37	18.19	18.23	18.23	18.30	19.00
		135	138	17.20	17.35	17.16	17.16	17.22	18.00
DFT-s-OFDM 16QAM	1	1	17.46	17.27	17.06	17.13	17.16	18.00	



	DFT-s-OFDM 64QAM	1	1	15.65	15.51	15.31	15.50	15.41	16.50
	DFT-s-OFDM 256QAM	1	1	13.48	13.39	13.18	13.21	13.27	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	17.22	17.08	17.04	16.97	17.05	17.50
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	18.29	18.06	18.04	18.20	18.00	19.00
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	18.21	18.01	17.88	18.17	17.96	19.00
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	18.25	18.07	17.93	18.12	18.10	19.00
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	18.05	17.11	18.11	18.09	17.56	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.13	17.75	17.79	18.09	17.78	19.00
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	18.06	17.91	17.77	18.03	18.07	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509400	518598	527802	537000	
10MHz	DFT-s-OFDM QPSK	1	1	18.11	17.91	17.85	18.12	17.93	19.00

N41 Class 2 Receiver on + WLAN				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 PI/2 BPSK	1	1	16.71	16.32	16.53	16.78	16.47	18.00
		1	137	16.84	16.61	16.76	16.79	16.72	18.00
		1	271	16.52	16.46	16.42	16.50	16.60	18.00
		135	0	15.54	15.66	15.73	15.65	15.55	17.00
		135	69	16.68	16.76	16.75	16.73	16.56	18.00

	DFT-s-OFDM QPSK	135	138	16.08	15.89	16.00	15.97	15.57	17.00
		270	0	15.63	15.83	15.68	15.84	15.84	17.00
		1	1	16.54	16.38	16.33	16.57	16.45	18.00
		1	137	16.53	16.58	16.57	16.49	16.59	18.00
		1	271	16.61	16.61	16.59	16.60	16.61	18.00
		135	0	15.86	15.92	15.71	15.87	15.82	17.00
		135	69	17.01	16.83	16.87	16.87	16.94	18.00
		135	138	15.58	15.73	15.54	15.54	15.60	17.00
	270	0	15.88	15.80	15.68	15.61	15.67	17.00	
		DFT-s-OFDM 16QAM	1	1	16.13	15.94	15.73	15.80	15.83
	DFT-s-OFDM 64QAM	1	1	14.16	14.02	13.82	14.01	13.92	15.50
	DFT-s-OFDM 256QAM	1	1	12.63	12.54	12.33	12.36	12.42	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	15.36	15.41	15.48	15.51	15.59	16.50
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	16.90	16.67	16.65	16.81	16.61	18.00
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	16.69	16.49	16.36	16.65	16.44	18.00
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	16.73	16.55	16.41	16.60	16.58	18.00
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	16.89	16.67	16.48	16.62	16.66	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	16.78	16.51	16.48	16.61	16.51	18.00
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	16.81	16.77	16.56	16.55	16.59	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509400	518598	527802	537000	
10MHz	DFT-s-OFDM QPSK	1	1	16.59	16.63	16.49	16.74	16.75	18.00



			offset	649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	16.69	16.68	16.60	16.38	16.59	16.68	17.50
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	16.68	16.52	16.56	16.51	16.60	16.82	17.50
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	16.68	16.57	16.65	16.49	16.55	16.74	17.50
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	16.60	16.69	16.68	16.56	16.57	16.67	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	16.63	16.59	16.70	16.55	16.63	16.85	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	16.77	16.55	16.59	16.49	16.67	16.85	17.50

N78(Class 2)				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.60	/	19.00
		1	137	/	17.82	/	19.00
		1	271	/	17.77	/	19.00
		135	0	/	14.83	/	15.00
		135	69	/	17.57	/	19.00
		135	138	/	14.81	/	15.00
		270	0	/	17.00	/	18.00
	DFT-s-OFDM QPSK	1	1	/	18.35	/	19.00
		1	137	/	17.98	/	19.00
		1	271	/	17.65	/	19.00
		135	0	/	14.72	/	15.00
		135	69	/	17.62	/	19.00
		135	138	/	14.76	/	15.00
DFT-s-OFDM 16QAM	1	1	/	16.28	/	18.00	

	DFT-s-OFDM 64QAM	1	1	/	15.98	/	16.50
	DFT-s-OFDM 256QAM	1	1	/	13.86	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.23	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.56	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.53	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.61	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.68	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.63	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	18.53	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	18.57	/	19.00

N78(Class 3)				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
				/	3750.00	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.48	/	17.50	
		1	137	/	16.69	/	17.50	
		1	271	/	16.65	/	17.50	
		135	0	/	15.85	/	16.50	
		135	69	/	16.91	/	17.50	
		135	138	/	15.94	/	16.50	
		270	0	/	15.91	/	16.50	
	DFT-s-OFDM QPSK	1	1	/	16.77	/	17.50	
		1	137	/	16.74	/	17.50	
		1	271	/	16.60	/	17.50	
		135	0	/	15.89	/	16.50	
		135	69	/	16.88	/	17.50	
		135	138	/	15.74	/	16.50	
		270	0	/	15.82	/	16.50	
	DFT-s-OFDM 16QAM	1	1	/	15.73	/	16.50	
	DFT-s-OFDM 64QAM	1	1	/	13.93	/	15.00	
	DFT-s-OFDM 256QAM	1	1	/	11.79	/	13.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	15.71	/	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
90MHz	DFT-s-OFDM QPSK	1	1	/	16.46	/	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
80MHz	DFT-s-OFDM QPSK	1	1	/	16.51	/	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
60MHz	DFT-s-OFDM QPSK	1	1	/	16.57	/	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
50MHz	DFT-s-OFDM QPSK	1	1	/	16.43	/	17.50	



				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	14.54	14.15	14.36	14.61	14.30	16.00
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	14.61	14.22	14.43	14.68	14.37	16.00
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	14.64	14.25	14.46	14.71	14.40	16.00
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	14.61	14.38	14.59	14.75	14.56	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	14.68	14.63	14.59	14.66	14.58	16.00
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	14.57	14.48	14.42	14.55	14.49	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509400	518598	527802	537000	
10MHz	DFT-s-OFDM QPSK	1	1	14.58	14.33	14.46	14.68	14.42	16.00

N77 Receiver on				Conducted Power(dBm)						
SCS 30kHz										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.68	15.76	15.68	15.59	15.70	15.87	16.50
		1	137	15.62	15.89	15.72	16.00	15.85	15.59	16.50
		1	271	15.43	15.77	15.85	15.80	15.72	15.17	16.50
		135	0	14.67	14.78	14.89	14.80	14.87	14.81	16.50
		135	69	15.01	15.66	15.89	16.07	15.59	15.11	16.50
		135	138	14.65	15.02	14.84	15.16	15.04	14.86	16.50
		270	0	14.68	14.89	14.70	14.89	14.59	14.69	16.50
	DFT-s-OFDM QPSK	1	1	15.74	15.83	15.74	15.74	15.93	15.90	16.50
		1	137	15.64	15.87	15.89	16.09	16.09	15.75	16.50
		1	271	15.52	15.93	16.01	15.95	15.79	15.15	16.50
		135	0	14.71	14.83	14.88	14.97	15.03	15.09	16.50
		135	69	15.16	15.83	15.93	15.93	15.62	15.29	16.50
		135	138	14.62	14.89	14.93	14.97	15.07	14.74	16.50
		270	0	14.62	14.97	15.09	15.09	14.87	14.54	16.50

	DFT-s-OFDM 16QAM	1	1	15.04	15.56	15.52	15.65	15.68	15.42	16.50
	DFT-s-OFDM 64QAM	1	1	13.77	13.78	13.84	13.88	13.98	14.04	15.00
	DFT-s-OFDM 256QAM	1	1	11.79	11.76	11.59	11.73	11.84	11.74	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	14.61	15.48	15.54	15.48	15.43	15.16	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	15.72	15.66	15.61	15.46	15.66	15.71	16.50
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	15.73	15.67	15.62	15.47	15.67	15.72	16.50
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	15.90	15.84	15.79	15.64	15.84	15.89	16.50
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	15.80	15.74	15.69	15.54	15.74	15.79	16.50
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	15.81	15.75	15.70	15.55	15.75	15.80	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	15.74	15.68	15.63	15.48	15.68	15.73	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	15.83	15.77	15.72	15.57	15.77	15.82	16.50

Table 24 : Conducted Power of NR

19 Conducted Power of WIFI and BT Antenna

19.1 Conducted Power of WIFI 2.4G Ant4

Full power	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.25	19.00
	7	2437		17.62	19.00
	13	2462		18.25	19.00
802.11g	1	2412	6	13.95	15.00
	7	2437		13.36	15.00
	13	2462		13.93	15.00
802.11n HT20	1	2412	6.5	13.71	14.00
	7	2437		13.22	14.00
	13	2462		13.70	14.00
802.11n HT40	3	2422	13.5	14.32	14.50
	7	2437		14.28	14.50
	11	2452		13.99	14.50

WLAN+WWAN	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.09	16.00
	7	2437		14.28	16.00
	13	2462		14.82	16.00
802.11g	1	2412	6	11.68	12.00
	7	2437		10.45	12.00
	13	2462		11.26	12.00
802.11n HT20	1	2412	6.5	10.38	11.00
	7	2437		9.48	11.00
	13	2462		10.15	11.00
802.11n HT40	3	2422	13.5	10.11	11.50
	7	2437		10.59	11.50
	11	2452		10.34	11.50

Table 25 : Conducted Power of WIFI 2.4G

19.2 Conducted Power of WIFI 2.4G Ant7

Full power	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.06	19.00
	7	2437		18.72	19.00
	13	2462		17.84	19.00
802.11g	1	2412	6	13.48	15.00
	7	2437		14.17	15.00
	13	2462		13.49	15.00
802.11n HT20	1	2412	6.5	12.14	14.00
	7	2437		13.00	14.00
	13	2462		13.28	14.00
802.11n HT40	3	2422	13.5	13.37	14.50
	7	2437		13.78	14.50
	11	2452		13.53	14.50

WLAN+WWAN	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.41	16.00
	7	2437		14.76	16.00
	13	2462		14.33	16.00
802.11g	1	2412	6	10.86	12.00
	7	2437		11.30	12.00
	13	2462		10.89	12.00
802.11n HT20	1	2412	6.5	9.58	11.00
	7	2437		10.35	11.00
	13	2462		9.60	11.00
802.11n HT40	3	2422	13.5	9.77	11.50
	7	2437		9.73	11.50
	11	2452		9.92	11.50

Table 26 : Conducted Power of WIFI 2.4G

19.3 Conducted Power of WIFI 2.4G MIMO

Full power	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.38	19.00
	7	2437		18.09	19.00
	13	2462		18.09	19.00
802.11g	1	2412	6	14.33	15.00
	7	2437		14.48	15.00
	13	2462		14.29	15.00
802.11n HT20	1	2412	6.5	13.53	14.00
	7	2437		13.40	14.00
	13	2462		13.21	14.00
802.11n HT40	3	2422	13.5	14.43	14.50
	7	2437		14.40	14.50
	11	2452		13.67	14.50

WLAN+WWAN	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.20	16.00
	7	2437		15.74	16.00
	13	2462		15.17	16.00
802.11g	1	2412	6	11.51	12.00
	7	2437		11.29	12.00
	13	2462		11.34	12.00
802.11n HT20	1	2412	6.5	10.35	11.00
	7	2437		10.05	11.00
	13	2462		10.10	11.00
802.11n HT40	3	2422	13.5	11.22	11.50
	7	2437		11.05	11.50
	11	2452		10.65	11.50

Table 27 : Conducted Power of WIFI 2.4G

19.4 Conducted Power of WIFI 5G Ant4

Full power	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.00	17.50
		40	5200		16.18	17.50
		44	5220		16.73	17.50
		48	5240		16.15	17.50
	U-NII-2A	52	5260		16.02	17.50
		56	5280		15.85	17.50
		60	5300		15.92	17.50
		64	5320		15.87	17.50
	U-NII-2C	100	5500		16.10	17.50
		104	5520		15.91	17.50
		108	5540		16.32	17.50
		112	5560		16.35	17.50
		116	5580		16.52	17.50
		120	5600		16.82	17.50
		124	5620		17.05	17.50
		128	5640		16.57	17.50
		132	5660		16.78	17.50
		136	5680		16.62	17.50
140	5700	16.48	17.50			
144	5720	16.46	17.50			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.84	17.50
		40	5200		15.98	17.50
		44	5220		16.45	17.50
		48	5240		15.92	17.50
	U-NII-2A	52	5260		15.67	17.50
		56	5280		15.66	17.50
		60	5300		15.64	17.50
		64	5320		15.65	17.50
	U-NII-2C	100	5500		15.87	17.50
		104	5520		16.65	17.50
		108	5540		16.22	17.50
		112	5560		16.12	17.50
		116	5580		16.30	17.50
		120	5600		16.65	17.50
		124	5620		16.87	17.50
		128	5640		16.35	17.50
	132	5660	16.65		17.50	



5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
		136	5680		16.43	17.50
		140	5700		16.31	17.50
		144	5720		16.22	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	14.65	16.00
		46	5230		15.13	16.00
	U-NII-2A	54	5270		14.35	16.00
		62	5310		14.51	16.00
	U-NII-2C	102	5510		14.42	16.00
		110	5550		15.05	16.00
		118	5590		15.05	16.00
		126	5630		15.88	16.00
		134	5670		15.32	16.00
		142	5710		15.20	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	14.75	16.00
		40	5200		14.99	16.00
		44	5220		15.30	16.00
		48	5240		14.98	16.00
	U-NII-2A	52	5260		14.77	16.00
		56	5280		14.71	16.00
		60	5300		14.75	16.00
		64	5320		14.73	16.00
	U-NII-2C	100	5500		14.85	16.00
		104	5520		14.55	16.00
		108	5540		14.45	16.00
		112	5560		14.32	16.00
		116	5580		14.30	16.00
		120	5600		14.63	16.00
		124	5620		15.11	16.00
		128	5640		15.35	16.00
		132	5660		15.56	16.00
		136	5680		15.47	16.00
		140	5700		15.32	16.00
		144	5720		15.32	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	14.66	15.50
		46	5230		15.13	15.50
	U-NII-2A	54	5270		14.36	15.50
		62	5310		14.51	15.50
	U-NII-2C	102	5510		14.41	15.50
		110	5550		14.01	15.50



5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
		118	5590		14.22	15.50
		126	5630		14.89	15.50
		134	5670		15.20	15.50
		142	5710		15.18	15.50
802.11ac 80M	U-NII-1	42	5210	MCS0	14.50	15.50
	U-NII-2A	58	5290		13.91	15.50
	U-NII-2C	106	5530		13.90	15.50
		122	5610		14.12	15.50
		138	5690		14.78	15.50

WLAN+WWAN	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.38	14.50
		40	5200		13.52	14.50
		44	5220		13.75	14.50
		48	5240		13.48	14.50
	U-NII-2A	52	5260		13.13	14.50
		56	5280		13.07	14.50
		60	5300		13.11	14.50
		64	5320		13.05	14.50
	U-NII-2C	100	5500		13.83	14.50
		104	5520		13.53	14.50
		108	5540		13.23	14.50
		112	5560		13.13	14.50
		116	5580		13.28	14.50
		120	5600		13.44	14.50
		124	5620		13.78	14.50
		128	5640		14.15	14.50
		132	5660		13.25	14.50
		136	5680		13.17	14.50
		140	5700		12.98	14.50
		144	5720		13.05	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180		13.23	14.50
		40	5200		13.48	14.50
		44	5220		13.66	14.50
		48	5240		13.41	14.50
	U-NII-2A	52	5260		13.02	14.50
		56	5280		13.02	14.50
		60	5300		13.06	14.50
		64	5320		13.00	14.50

		100	5500		13.75	14.50
		104	5520		13.40	14.50
		108	5540		13.12	14.50
		112	5560		13.05	14.50
		116	5580		13.20	14.50
		120	5600		13.38	14.50
		124	5620		13.72	14.50
		128	5640		14.04	14.50
		132	5660		13.20	14.50
		136	5680		13.15	14.50
		140	5700		12.94	14.50
		144	5720		12.90	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.80	13.00
		46	5230		12.25	13.00
	U-NII-2A	54	5270		11.85	13.00
		62	5310		11.74	13.00
	U-NII-2C	102	5510		12.12	13.00
		110	5550		11.95	13.00
		118	5590		11.83	13.00
		126	5630		12.63	13.00
		134	5670		11.85	13.00
		142	5710		11.80	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	11.28	13.00
		40	5200		11.41	13.00
		44	5220		11.66	13.00
		48	5240		11.38	13.00
	U-NII-2A	52	5260		11.35	13.00
		56	5280		11.20	13.00
		60	5300		11.16	13.00
		64	5320		11.29	13.00
	U-NII-2C	100	5500		11.76	13.00
		104	5520		11.35	13.00
		108	5540		11.38	13.00
		112	5560		11.15	13.00
		116	5580		11.21	13.00
		120	5600		11.43	13.00
		124	5620		11.95	13.00
		128	5640		12.05	13.00
132	5660	12.28	13.00			
136	5680	12.14	13.00			

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
		140	5700		12.15	13.00	
		144	5720		12.11	13.00	
802.11ac-40	U-NII-1	38	5190	MCS0	11.13	12.50	
		46	5230		11.46	12.50	
	U-NII-2A	54	5270		10.60	12.50	
		62	5310		10.75	12.50	
	U-NII-2C	102	5510		11.35	12.50	
			110		5550	10.95	12.50
			118		5590	11.11	12.50
			126		5630	11.58	12.50
			134		5670	11.89	12.50
			142		5710	11.78	12.50
802.11ac 80M	U-NII-1	42	5210	MCS0	11.68	12.50	
	U-NII-2A	58	5290		11.23	12.50	
	U-NII-2C	106	5530		11.56	12.50	
			122		5610	11.68	12.50
			138		5690	12.23	12.50

Table 28 : Conducted Power of WIFI 5G

19.5 Conducted Power of WIFI 5G Ant7

Full power	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	15.88	17.50
		40	5200		15.74	17.50
		44	5220		15.77	17.50
		48	5240		16.33	17.50
	U-NII-2A	52	5260		16.50	17.50
		56	5280		16.77	17.50
		60	5300		16.53	17.50
		64	5320		16.67	17.50
	U-NII-2C	100	5500		17.15	17.50
		104	5520		17.22	17.50
		108	5540		17.34	17.50
		112	5560		17.21	17.50
		116	5580		17.29	17.50
		120	5600		17.13	17.50
		124	5620		17.25	17.50
		128	5640		17.05	17.50
		132	5660		17.02	17.50



5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
		136	5680		17.03	17.50
		140	5700		16.82	17.50
		144	5720		16.85	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.73	17.50
		40	5200		15.55	17.50
		44	5220		15.62	17.50
		48	5240		16.11	17.50
	U-NII-2A	52	5260		16.32	17.50
		56	5280		16.63	17.50
		60	5300		17.03	17.50
		64	5320		16.52	17.50
	U-NII-2C	100	5500		16.95	17.50
		104	5520		17.02	17.50
		108	5540		17.13	17.50
		112	5560		17.05	17.50
		116	5580		17.10	17.50
		120	5600		17.05	17.50
		124	5620		17.07	17.50
		128	5640		16.85	17.50
		132	5660		16.84	17.50
		136	5680		16.81	17.50
		140	5700	16.58	17.50	
		144	5720	16.63	17.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	14.55	16.00
		46	5230		14.54	16.00
	U-NII-2A	54	5270		15.32	16.00
		62	5310		15.06	16.00
	U-NII-2C	102	5510		15.80	16.00
		110	5550		15.06	16.00
		118	5590		15.00	16.00
		126	5630		14.88	16.00
		134	5670		14.75	16.00
		142	5710		14.56	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	14.78	16.00
		40	5200		14.59	16.00
		44	5220		14.62	16.00
		48	5240		15.10	16.00
	U-NII-2A	52	5260		15.35	16.00
		56	5280		15.67	16.00



	U-NII-2C	60	5300		15.44	16.00
		64	5320		15.75	16.00
		100	5500		15.74	16.00
		104	5520		15.24	16.00
		108	5540		15.41	16.00
		112	5560		15.30	16.00
		116	5580		15.38	16.00
		120	5600		15.22	16.00
		124	5620		15.29	16.00
		128	5640		15.10	16.00
		132	5660		15.05	16.00
		136	5680		15.02	16.00
		140	5700		14.82	16.00
		144	5720		14.84	16.00
		5GHz	mode		Channel	Frequency(MHz)
802.11ac-40	U-NII-1	38	5190	MCS0	14.58	15.50
		46	5230		14.57	15.50
	U-NII-2A	54	5270		15.32	15.50
		62	5310		15.06	15.50
	U-NII-2C	102	5510		15.02	15.50
		110	5550		15.08	15.50
		118	5590		15.02	15.50
		126	5630		14.91	15.50
		134	5670		14.73	15.50
		142	5710		14.61	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	14.21	15.50
	U-NII-2A	58	5290		15.05	15.50
	U-NII-2C	106	5530		14.45	15.50
		122	5610		14.43	15.50
		138	5690		14.43	15.50

WLAN+WWAN	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.26	14.50
		40	5200		13.33	14.50
		44	5220		13.32	14.50
		48	5240		13.75	14.50
	U-NII-2A	52	5260		13.98	14.50
		56	5280		13.23	14.50
		60	5300		12.81	14.50

		64	5320		12.99	14.50
	U-NII-2C	100	5500		13.15	14.50
		104	5520		13.05	14.50
		108	5540		13.10	14.50
		112	5560		12.90	14.50
		116	5580		13.03	14.50
		120	5600		12.83	14.50
		124	5620		12.89	14.50
		128	5640		12.76	14.50
		132	5660		12.68	14.50
		136	5680		12.56	14.50
		140	5700		13.30	14.50
		144	5720		13.35	14.50
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	13.15	14.50
		40	5200		13.20	14.50
		44	5220		13.18	14.50
		48	5240		13.58	14.50
	U-NII-2A	52	5260		13.85	14.50
		56	5280		13.11	14.50
		60	5300		13.68	14.50
	U-NII-2C	64	5320		13.83	14.50
		100	5500		13.05	14.50
		104	5520		12.96	14.50
		108	5540		13.03	14.50
		112	5560		12.80	14.50
		116	5580		12.89	14.50
		120	5600		12.73	14.50
		124	5620		12.78	14.50
		128	5640		12.66	14.50
		132	5660		12.58	14.50
		136	5680		13.41	14.50
		140	5700		13.23	14.50
144	5720	13.16	14.50			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.70	13.00
		46	5230		11.82	13.00
	U-NII-2A	54	5270		12.65	13.00
		62	5310		11.46	13.00
	U-NII-2C	102	5510		11.48	13.00
		110	5550		11.60	13.00



		118	5590		11.62	13.00
		126	5630		11.58	13.00
		134	5670		11.23	13.00
		142	5710		12.25	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	12.00	13.00
		40	5200		11.96	13.00
		44	5220		12.11	13.00
		48	5240		12.60	13.00
	U-NII-2A	52	5260		11.74	13.00
		56	5280		12.13	13.00
		60	5300		11.95	13.00
		64	5320		12.18	13.00
	U-NII-2C	100	5500		12.06	13.00
		104	5520		11.15	13.00
		108	5540		11.25	13.00
		112	5560		12.15	13.00
		116	5580		12.13	13.00
		120	5600		12.15	13.00
		124	5620		12.04	13.00
		128	5640		11.85	13.00
		132	5660		11.78	13.00
		136	5680		11.74	13.00
		140	5700	11.83	13.00	
		144	5720	11.83	13.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	10.82	12.50
		46	5230		11.14	12.50
	U-NII-2A	54	5270		11.75	12.50
		62	5310		11.45	12.50
	U-NII-2C	102	5510		11.45	12.50
		110	5550		11.72	12.50
		118	5590		11.60	12.50
		126	5630		11.53	12.50
		134	5670		11.22	12.50
		142	5710		10.83	12.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	10.53	12.50
	U-NII-2A	58	5290		11.63	12.50
	U-NII-2C	106	5530		11.18	12.50

		122	5610		11.02	12.50
		138	5690		10.82	12.50

Table 29 : Conducted Power of WIFI 5G

19.6 Conducted Power of WIFI 5G MIMO

Full power	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	15.93	17.50
		40	5200		15.86	17.50
		44	5220		15.97	17.50
		48	5240		15.69	17.50
	U-NII-2A	52	5260		15.53	17.50
		56	5280		15.69	17.50
		60	5300		15.79	17.50
		64	5320		16.03	17.50
	U-NII-2C	100	5500		17.48	17.50
		104	5520		17.38	17.50
		108	5540		17.33	17.50
		112	5560		17.11	17.50
		116	5580		17.20	17.50
		120	5600		17.22	17.50
		124	5620		17.45	17.50
		128	5640		16.71	17.50
		132	5660		16.82	17.50
		136	5680		16.70	17.50
140	5700	16.63	17.50			
144	5720	16.50	17.50			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	16.62	17.50
		40	5200		16.50	17.50
		44	5220		16.58	17.50
		48	5240		16.47	17.50
	U-NII-2A	52	5260		16.19	17.50
		56	5280		16.33	17.50
		60	5300		16.50	17.50
	U-NII-2C	64	5320		16.57	17.50
		100	5500		17.36	17.50
		104	5520		17.08	17.50
		108	5540		17.01	17.50
			112		5560	16.97



		116	5580		16.96	17.50
		120	5600		16.98	17.50
		124	5620		17.23	17.50
		128	5640		17.36	17.50
		132	5660		17.43	17.50
		136	5680		17.44	17.50
		140	5700		17.29	17.50
		144	5720		17.29	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	15.29	16.00
		46	5230		15.42	16.00
	U-NII-2A	54	5270		14.98	16.00
		62	5310		15.30	16.00
	U-NII-2C	102	5510		15.88	16.00
		110	5550		15.84	16.00
		118	5590		15.77	16.00
		126	5630		15.11	16.00
		134	5670		15.24	16.00
		142	5710		14.91	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	15.50	16.00
		40	5200		15.57	16.00
		44	5220		15.82	16.00
		48	5240		15.43	16.00
	U-NII-2A	52	5260		14.34	16.00
		56	5280		14.43	16.00
		60	5300		14.65	16.00
	U-NII-2C	64	5320		14.61	16.00
		100	5500		15.11	16.00
		104	5520		15.16	16.00
		108	5540		15.21	16.00
		112	5560		15.07	16.00
		116	5580		15.11	16.00
		120	5600		15.32	16.00
		124	5620		15.44	16.00
		128	5640		15.49	16.00
		132	5660		15.63	16.00
		136	5680		15.64	16.00
		140	5700		15.49	16.00
		144	5720		15.47	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	14.28	15.50



		46	5230		14.17	15.50
	U-NII-2A	54	5270		14.90	15.50
		62	5310		15.29	15.50
		U-NII-2C	102	5510		14.65
	110		5550		14.80	15.50
	118		5590		14.82	15.50
	126		5630		15.09	15.50
	134		5670		15.29	15.50
	142		5710		14.95	15.50
5GHz	mode		Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	14.99	15.50
	U-NII-2A	58	5290		14.57	15.50
	U-NII-2C	106	5530		14.48	15.50
		122	5610		14.46	15.50
		138	5690		14.87	15.50

WLAN+WWAN	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	12.71	14.50
		40	5200		12.71	14.50
		44	5220		12.88	14.50
		48	5240		12.87	14.50
	U-NII-2A	52	5260		12.96	14.50
		56	5280		12.96	14.50
		60	5300		13.20	14.50
		64	5320		13.37	14.50
	U-NII-2C	100	5500		14.02	14.50
		104	5520		13.99	14.50
		108	5540		13.89	14.50
		112	5560		13.73	14.50
		116	5580		13.68	14.50
		120	5600		13.75	14.50
		124	5620		13.98	14.50
		128	5640		13.03	14.50
		132	5660		13.17	14.50
		136	5680		13.20	14.50
		140	5700		13.07	14.50
		144	5720		13.11	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.86	14.50
		40	5200		12.98	14.50



		44	5220		13.21	14.50
		48	5240		13.10	14.50
	U-NII-2A	52	5260		12.95	14.50
		56	5280		12.88	14.50
		60	5300		13.16	14.50
		64	5320		13.30	14.50
	U-NII-2C	100	5500		13.21	14.50
		104	5520		13.25	14.50
		108	5540		12.88	14.50
		112	5560		12.70	14.50
		116	5580		12.98	14.50
		120	5600		13.02	14.50
		124	5620		13.18	14.50
		128	5640		13.26	14.50
		132	5660		13.25	14.50
		136	5680		13.29	14.50
		140	5700		13.15	14.50
		144	5720		13.09	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.59	13.00
		46	5230		11.70	13.00
	U-NII-2A	54	5270		11.63	13.00
		62	5310		12.02	13.00
	U-NII-2C	102	5510		11.73	13.00
		110	5550		11.76	13.00
		118	5590		11.68	13.00
		126	5630		11.08	13.00
		134	5670		11.09	13.00
		142	5710		11.57	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	11.83	13.00
		40	5200		12.16	13.00
		44	5220		12.24	13.00
		48	5240		12.43	13.00
	U-NII-2A	52	5260		11.58	13.00
		56	5280		11.72	13.00
		60	5300		11.94	13.00
		64	5320		12.10	13.00
	U-NII-2C	100	5500		11.25	13.00
		104	5520		11.39	13.00
		108	5540		11.30	13.00
		112	5560		11.04	13.00

		116	5580		10.98	13.00
		120	5600		11.10	13.00
		124	5620		11.37	13.00
		128	5640		11.55	13.00
		132	5660		11.51	13.00
		136	5680		11.41	13.00
		140	5700		11.15	13.00
		144	5720		11.15	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	10.65	12.50
		46	5230		10.96	12.50
	U-NII-2A	54	5270		11.70	12.50
		62	5310		11.96	12.50
	U-NII-2C	102	5510		10.72	12.50
		110	5550		10.69	12.50
		118	5590		10.87	12.50
		126	5630		11.00	12.50
		134	5670		11.21	12.50
		142	5710		10.66	12.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	11.25	12.50
	U-NII-2A	58	5290		11.25	12.50
	U-NII-2C	106	5530		11.54	12.50
		122	5610		11.38	12.50
		138	5690		11.63	12.50

Table 30 : Conducted Power of WIFI 5G

19.7 Conducted Power of BT Ant4

BT		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	7.07	7.41	7.88	9.00
	$\pi/4$ DQPSK	7.20	7.53	7.96	8.00
	8DPSK	7.19	7.52	7.95	8.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	3.83	3.68	4.58	6.00
BLE 2M	GFSK	3.79	3.50	4.36	6.00

Table 31 : Conducted Power of BT