

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

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N77 PC2 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	18.30	/	19.50
		1	137	/	18.02	/	19.50
		1	271	/	18.15	/	19.50
		135	0	/	16.58	/	18.00
		135	69	/	16.49	/	18.00
		135	138	/	18.10	/	19.50
		270	0	/	16.47	/	18.00
	CP-OFDM 16QAM	1	1	/	17.87	/	19.00
	CP-OFDM 64QAM	1	1	/	16.10	/	17.50
	CP-OFDM 256QAM	1	1	/	13.13	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	17.91	18.07	17.94	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	18.20	18.04	18.07	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	18.01	18.21	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	18.00	18.38	18.00	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	17.90	18.27	17.91	19.50



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N77 PC2 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	15.84	/	17.00
		1	137	/	15.58	/	17.00
		1	271	/	15.66	/	17.00
		135	0	/	14.11	/	15.50
		135	69	/	14.11	/	15.50
		135	138	/	15.71	/	17.00
		270	0	/	13.94	/	15.50
	CP-OFDM 16QAM	1	1	/	15.40	/	16.50
	CP-OFDM 64QAM	1	1	/	13.52	/	15.00
	CP-OFDM 256QAM	1	1	/	10.58	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	15.30	15.49	15.55	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	15.85	15.58	15.52	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	15.39	15.58	15.53	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	15.50	15.95	15.38	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	15.36	15.87	15.50	17.00



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N77 PC2 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	15.39	/	16.50
		1	137	/	14.97	/	16.50
		1	271	/	15.19	/	16.50
		135	0	/	13.48	/	15.00
		135	69	/	13.53	/	15.00
		135	138	/	15.10	/	16.50
		270	0	/	13.47	/	15.00
	CP-OFDM 16QAM	1	1	/	14.89	/	16.00
	CP-OFDM 64QAM	1	1	/	12.96	/	14.50
	CP-OFDM 256QAM	1	1	/	10.19	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	14.93	15.13	15.19	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	15.43	15.05	15.15	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	15.01	14.93	15.11	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	14.87	15.55	14.77	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	14.76	15.50	14.97	16.50



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N77 PC2 DSI 0/1					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
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	CP-OFDM QPSK	1	1	20.88	20.82	21.05	21.12	21.53	21.21	22.50
		1	137	20.94	21.17	21.31	21.71	21.49	21.12	22.50
		1	271	20.77	20.72	20.91	20.99	21.40	21.11	22.50
		135	0	19.37	19.51	19.60	19.87	20.08	19.79	21.00
		135	69	19.31	19.72	19.82	19.92	19.93	19.75	21.00
		135	138	20.90	21.17	21.51	21.42	21.26	21.10	22.50
		270	0	19.37	19.74	19.73	19.77	19.75	19.83	21.00
	CP-OFDM 16QAM	1	1	20.51	20.23	20.72	20.85	21.03	20.71	22.00
	CP-OFDM 64QAM	1	1	18.79	18.70	18.94	18.79	19.19	19.29	20.50
	CP-OFDM 256QAM	1	1	15.85	15.69	15.95	16.30	16.51	16.46	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	20.95	20.65	20.90	21.13	21.30	21.06	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	20.97	20.80	21.05	21.33	21.43	21.17	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	21.04	20.83	21.07	21.28	21.33	21.12	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	20.82	20.84	20.94	21.05	21.35	21.11	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	20.88	20.65	20.99	21.09	21.38	21.19	22.50



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N77 PC2 DSI 2/3/4					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
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	CP-OFDM QPSK	1	1	19.35	19.17	19.52	19.64	20.00	19.72	21.00
		1	137	19.53	19.56	19.83	20.09	20.02	19.70	21.00
		1	271	19.20	18.97	19.36	19.50	19.80	19.62	21.00
		135	0	17.77	17.89	18.01	18.24	18.54	18.33	19.50
		135	69	17.94	18.10	18.17	18.53	18.40	18.11	19.50
		135	138	19.51	19.56	20.01	20.07	19.86	19.62	21.00
		270	0	17.80	18.18	18.10	18.24	18.18	18.18	19.50
	CP-OFDM 16QAM	1	1	18.99	18.87	19.22	19.25	19.49	19.16	20.50
	CP-OFDM 64QAM	1	1	17.30	17.22	17.54	17.32	17.61	17.66	19.00
	CP-OFDM 256QAM	1	1	14.33	14.22	14.41	14.92	15.00	15.05	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	19.50	19.29	19.31	19.48	19.75	19.69	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	19.41	19.44	19.67	19.96	20.01	19.52	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	19.63	19.21	19.64	19.74	19.74	19.51	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	19.21	19.46	19.38	19.65	20.00	19.47	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	19.46	19.29	19.41	19.56	19.91	19.77	21.00



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SCS 30kHz(3700~3980)										
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	CP-OFDM QPSK	1	1	18.85	18.74	18.92	19.25	19.47	19.07	20.50
		1	137	19.05	19.10	19.22	19.46	19.50	19.25	20.50
		1	271	18.74	18.56	18.81	19.05	19.33	18.89	20.50
		135	0	17.29	17.52	17.43	17.81	18.11	17.68	19.00
		135	69	17.59	17.55	17.77	18.06	17.95	17.61	19.00
		135	138	18.90	19.03	19.52	19.64	19.42	19.27	20.50
		270	0	17.16	17.81	17.45	17.89	17.82	17.68	19.00
	CP-OFDM 16QAM	1	1	18.53	18.23	18.87	18.83	19.02	18.74	20.00
	CP-OFDM 64QAM	1	1	16.93	16.69	17.01	16.70	17.21	17.04	18.50
	CP-OFDM 256QAM	1	1	13.97	13.86	13.79	14.43	14.52	14.55	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	18.94	18.79	18.69	18.92	19.30	19.07	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	19.00	18.97	19.13	19.39	19.59	19.11	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	19.12	18.64	19.25	19.11	19.21	18.96	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	18.67	18.87	18.84	19.11	19.43	19.03	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	19.05	18.65	18.81	19.04	19.34	19.31	20.50



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SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	18.36	/	19.50
		1	137	/	18.21	/	19.50
		1	271	/	18.18	/	19.50
		135	0	/	16.88	/	18.00
		135	69	/	16.80	/	18.00
		135	138	/	18.32	/	19.50
		270	0	/	16.78	/	18.00
	CP-OFDM 16QAM	1	1	/	17.93	/	19.00
	CP-OFDM 64QAM	1	1	/	16.52	/	17.50
	CP-OFDM 256QAM	1	1	/	13.57	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	18.31	18.32	18.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	18.42	18.25	18.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	18.20	18.34	18.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	18.32	18.27	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	18.32	18.18	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	18.24	18.19	18.25	19.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	18.31	18.35	18.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	18.28	18.34	18.12	19.50

N78 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	17.00	/	18.00
		1	137	/	16.65	/	18.00
		1	271	/	16.82	/	18.00
		135	0	/	15.39	/	16.50
		135	69	/	15.41	/	16.50
		135	138	/	16.97	/	18.00
		270	0	/	15.17	/	16.50
	CP-OFDM 16QAM	1	1	/	16.32	/	17.50
	CP-OFDM 64QAM	1	1	/	14.93	/	16.00
	CP-OFDM 256QAM	1	1	/	12.19	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	16.95	16.94	16.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	16.80	16.68	16.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	16.59	16.77	16.74	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	



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60MHz	CP-OFDM QPSK	1	1	16.95	16.80	16.80	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	16.70	16.56	16.91	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	16.63	16.65	16.82	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	16.73	16.97	16.76	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	16.84	16.95	16.55	18.00

N78 PC3 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	16.51	/	17.50
		1	137	/	16.20	/	17.50
		1	271	/	16.31	/	17.50
		135	0	/	14.75	/	16.00
		135	69	/	15.03	/	16.00
		135	138	/	16.55	/	17.50
		270	0	/	14.57	/	16.00
	CP-OFDM 16QAM	1	1	/	15.94	/	17.00
	CP-OFDM 64QAM	1	1	/	14.47	/	15.50
	CP-OFDM 256QAM	1	1	/	11.84	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	16.59	16.41	16.31	17.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	16.35	16.07	16.27	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	16.10	16.27	16.23	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	16.37	16.39	16.45	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	16.10	15.94	16.49	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	16.18	16.04	16.36	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	16.18	16.45	16.38	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	16.45	16.30	16.16	17.50

N78 PC3 DSI 0/1/2/3/4/5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/		/	
100MHz	CP-OFDM QPSK	1	1	/	18.03	/	19.50
		1	137	/	17.86	/	19.50
		1	271	/	17.89	/	19.50
		135	0	/	16.26	/	18.00
		135	69	/	16.56	/	18.00
		135	138	/	18.04	/	19.50



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		270	0	/	16.51	/	18.00
	CP-OFDM 16QAM	1	1	/	17.22	/	19.00
	CP-OFDM 64QAM	1	1	/	15.86	/	17.50
	CP-OFDM 256QAM	1	1	/	13.34	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	17.95	17.81	17.84	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	17.81	17.90	17.60	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	17.81	17.99	17.87	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	17.89	17.75	17.77	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	17.73	17.80	17.79	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	17.86	17.68	17.86	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	17.95	17.71	17.68	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	17.95	17.65	17.73	19.50

N78 PC2 DSI 0/1	Conducted Power(dBm)
SCS 30kHz(3450~3550)	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	19.12	/	20.50
		1	137	/	19.01	/	20.50
		1	271	/	18.93	/	20.50
		135	0	/	17.52	/	19.00
		135	69	/	17.41	/	19.00
		135	138	/	19.05	/	20.50
		270	0	/	17.39	/	19.00
	CP-OFDM 16QAM	1	1	/	18.73	/	20.00
	CP-OFDM 64QAM	1	1	/	17.36	/	18.50
	CP-OFDM 256QAM	1	1	/	14.30	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	18.99	18.98	18.92	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	19.06	18.97	18.84	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	18.92	18.90	18.79	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	19.12	18.94	19.01	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	19.08	18.85	18.86	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	18.79	18.85	18.77	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	19.12	19.12	19.01	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	19.01	19.16	18.82	20.50

N78 PC2 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	18.08	/	19.50
		1	137	/	17.92	/	19.50
		1	271	/	17.95	/	19.50
		135	0	/	16.44	/	18.00
		135	69	/	16.41	/	18.00
		135	138	/	18.12	/	19.50
		270	0	/	16.29	/	18.00
	CP-OFDM 16QAM	1	1	/	17.67	/	19.00
	CP-OFDM 64QAM	1	1	/	16.43	/	17.50
	CP-OFDM 256QAM	1	1	/	13.18	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	18.00	17.88	17.77	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	18.07	17.90	17.93	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	17.85	17.91	17.67	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	



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60MHz	CP-OFDM QPSK	1	1	18.09	17.91	17.99	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	18.02	17.77	17.84	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	17.79	17.93	17.81	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	18.19	18.15	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	17.97	18.13	17.70	19.50

N78 PC2 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	16.47	/	18.00
		1	137	/	16.32	/	18.00
		1	271	/	16.30	/	18.00
		135	0	/	15.08	/	16.50
		135	69	/	14.93	/	16.50
		135	138	/	16.57	/	18.00
		270	0	/	14.88	/	16.50
	CP-OFDM 16QAM	1	1	/	16.13	/	17.50
	CP-OFDM 64QAM	1	1	/	15.06	/	16.00
	CP-OFDM 256QAM	1	1	/	11.81	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	16.48	16.33	16.23	18.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	16.50	16.30	16.34	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	16.50	16.35	16.22	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	16.65	16.47	16.52	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	16.41	16.22	16.19	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	16.44	16.47	16.41	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	16.78	16.69	16.56	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	16.58	16.67	16.28	18.00

N78 PC2 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	16.08	/	17.50
		1	137	/	15.82	/	17.50
		1	271	/	15.93	/	17.50
		135	0	/	14.44	/	16.00
		135	69	/	14.39	/	16.00
		135	138	/	15.92	/	17.50



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		270	0	/	14.43	/	16.00
	CP-OFDM 16QAM	1	1	/	15.54	/	17.00
	CP-OFDM 64QAM	1	1	/	14.65	/	15.50
	CP-OFDM 256QAM	1	1	/	11.34	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	16.12	15.89	15.62	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	16.15	15.86	15.86	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	16.04	15.82	15.72	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	16.10	16.04	16.03	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	15.98	15.57	15.78	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	16.03	16.01	15.76	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	16.32	16.22	15.91	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	16.03	16.18	15.78	17.50

N78 PC2 DSI 0/1	Conducted Power(dBm)
SCS 30kHz(3700~3800)	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	20.71	/	22.00
		1	137	/	20.79	/	22.00
		1	271	/	20.59	/	22.00
		135	0	/	19.28	/	20.50
		135	69	/	19.24	/	20.50
		135	138	/	20.91	/	22.00
		270	0	/	19.28	/	20.50
	CP-OFDM 16QAM	1	1	/	19.76	/	21.50
	CP-OFDM 64QAM	1	1	/	19.01	/	20.00
	CP-OFDM 256QAM	1	1	/	16.30	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	20.61	20.80	20.57	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	20.40	20.47	20.40	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	20.67	20.77	20.94	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	20.84	20.42	20.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	20.44	20.81	20.64	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	20.95	20.51	20.75	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	20.82	20.41	20.59	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	20.59	20.76	20.78	22.00

N78 PC2 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	19.66	/	21.00
		1	137	/	19.77	/	21.00
		1	271	/	19.54	/	21.00
		135	0	/	18.33	/	19.50
		135	69	/	18.24	/	19.50
		135	138	/	19.96	/	21.00
		270	0	/	18.32	/	19.50
	CP-OFDM 16QAM	1	1	/	18.79	/	20.50
	CP-OFDM 64QAM	1	1	/	18.05	/	19.00
	CP-OFDM 256QAM	1	1	/	15.29	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	19.59	19.81	19.56	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	19.45	19.50	19.38	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	19.72	19.75	19.95	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	



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60MHz	CP-OFDM QPSK	1	1	19.80	19.47	19.56	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	19.44	19.78	19.61	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	19.93	19.50	19.74	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	19.87	19.36	19.60	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	19.63	19.73	19.77	21.00

N78 PC2 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	18.61	/	20.00
		1	137	/	18.77	/	20.00
		1	271	/	18.41	/	20.00
		135	0	/	17.25	/	18.50
		135	69	/	17.41	/	18.50
		135	138	/	18.71	/	20.00
		270	0	/	17.3	/	18.50
	CP-OFDM 16QAM	1	1	/	17.86	/	19.50
	CP-OFDM 64QAM	1	1	/	16.93	/	18.00
	CP-OFDM 256QAM	1	1	/	14.33	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	18.53	18.75	18.58	20.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	18.57	18.56	18.48	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	18.78	18.71	18.65	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	18.83	18.54	18.7	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	18.68	18.56	18.68	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	18.73	18.57	18.58	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	18.89	18.48	18.57	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	18.72	18.71	18.82	20.00

N78 PC2 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	18.16	/	19.50
		1	137	/	18.38	/	19.50
		1	271	/	18	/	19.50
		135	0	/	16.66	/	18.00
		135	69	/	16.92	/	18.00
		135	138	/	18.16	/	19.50



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		270	0	/	16.71	/	18.00
	CP-OFDM 16QAM	1	1	/	17.47	/	19.00
	CP-OFDM 64QAM	1	1	/	16.37	/	17.50
	CP-OFDM 256QAM	1	1	/	13.9	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	18.06	18.38	18.06	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	18.1	18.14	18.1	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	18.36	18.17	18.07	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	18.3	18.01	18.07	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	18.15	17.95	18.18	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	18.37	18.18	18.15	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	18.54	18.13	17.92	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	18.07	18.25	18.23	19.50



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7 Conducted Power of WIFI and Bluetooth

7.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant 9 Set0/1					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.70	18.50
	6	2437		17.66	18.50
	11	2462		16.43	17.50
802.11g	1	2412	6	9.57	10.50
	6	2437		9.64	10.50
	11	2462		9.86	10.50
802.11n HT20	1	2412	6.5	9.25	10.50
	6	2437		9.32	10.50
	11	2462		8.60	10.00
802.11n HT40	3	2422	13.5	10.05	10.50
	6	2437		9.89	10.50
	9	2452		8.69	9.50
802.11ax HE20	1	2412	MCS0	9.34	10.50
	6	2437		9.42	10.50
	11	2462		8.70	10.00
802.11ax HE40	3	2422	MCS0	9.59	10.50
	6	2437		9.52	10.50
	9	2452		8.27	9.50

WIFI 2.4G Ant 10 Set0/1					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.25	19.00
	6	2437		17.59	19.00
	11	2462		16.35	18.00
802.11g	1	2412	6	11.32	11.50
	6	2437		10.13	11.50
	11	2462		9.94	11.50
802.11n HT20	1	2412	6.5	10.78	11.00
	6	2437		9.85	11.00
	11	2462		9.18	10.50
802.11n HT40	3	2422	13.5	10.85	11.00
	6	2437		9.85	11.00
	9	2452		8.64	10.00





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802.11ax HE20	1	2412	MCS0	10.88	11.00
	6	2437		9.87	11.00
	11	2462		9.12	10.50
802.11ax HE40	3	2422	MCS0	10.76	11.00
	6	2437		9.11	11.00
	9	2452		8.05	10.00



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WIFI 2.4G MIMO Set0/1							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.68	18.29	21.01	21.50
	6	2437		17.64	17.60	20.63	21.50
	11	2462		16.43	16.35	19.40	20.50
802.11g	1	2412	6	9.58	11.15	13.45	13.50
	6	2437		9.58	10.07	12.84	13.50
	11	2462		9.81	9.90	12.87	13.50
802.11n HT20	1	2412	6.5	9.27	10.71	13.06	13.50
	6	2437		9.33	9.88	12.62	13.50
	11			8.60	9.18	11.91	13.00
802.11n HT40	3	2422	13.5	10.02	10.86	13.47	13.50
	6	2437		9.84	9.51	12.69	13.50
	9	2452		8.69	8.64	11.68	12.50
802.11ax HE20	1	2412	MCS0	9.30	10.86	13.16	13.50
	6	2437		9.44	9.81	12.64	13.50
	11	2462		8.70	9.12	11.93	13.00
802.11ax HE40	3	2422	MCS0	9.60	10.78	13.24	13.50
	6	2437		9.51	9.04	12.29	13.50
	9	2452		8.27	8.05	11.17	12.50

WIFI 2.4G Ant 9 Set2/3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.15	17.50
	6	2437		16.11	17.50
	11	2462		14.92	16.50
802.11g	1	2412	6	8.11	10.00
	6	2437		8.13	10.00
	11	2462		8.39	10.00
802.11n HT20	1	2412	6.5	7.77	9.50
	6	2437		7.83	9.50
	11	2462		7.15	9.00
802.11n HT40	3	2422	13.5	8.59	9.50
	6	2437		8.34	9.50
	9	2452		7.15	8.50
802.11ax HE20	1	2412	MCS0	7.89	9.50
	6	2437		7.94	9.50
	11	2462		7.20	9.00
	3	2422	MCS0	8.11	9.50



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802.11ax HE40	6	2437		7.97	9.50
	9	2452		6.79	8.50



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WIFI 2.4G Ant 10 Set2/3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.78	17.50
	6	2437		16.05	17.50
	11	2462		14.80	16.50
802.11g	1	2412	6	9.80	10.00
	6	2437		8.68	10.00
	11	2462		8.46	10.00
802.11n HT20	1	2412	6.5	9.31	9.50
	6	2437		8.34	9.50
	11	2462		7.65	9.00
802.11n HT40	3	2422	13.5	9.34	9.50
	6	2437		8.36	9.50
	9	2452		7.14	8.50
802.11ax HE20	1	2412	MCS0	9.37	9.50
	6	2437		8.39	9.50
	11	2462		7.67	9.00
802.11ax HE40	3	2422	MCS0	9.24	9.50
	6	2437		7.63	9.50
	9	2452		6.50	8.50

WIFI 2.4G MIMO Set2/3							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.13	16.80	19.49	20.00
	6	2437		16.16	16.06	19.12	20.00
	11	2462		14.98	14.86	17.93	19.00
802.11g	1	2412	6	8.08	9.61	11.92	12.00
	6	2437		8.09	8.60	11.36	12.00
	11	2462		8.32	8.40	11.37	12.00
802.11n HT20	1	2412	6.5	7.80	9.16	11.54	12.00
	6	2437		7.88	8.43	11.17	12.00
	11			7.06	7.66	10.38	11.50
802.11n HT40	3	2422	13.5	8.57	9.36	11.99	12.00
	6	2437		8.37	7.97	11.18	12.00
	9	2452		7.18	7.11	10.16	11.00
802.11ax HE20	1	2412	MCS0	7.83	9.37	11.68	12.00
	6	2437		7.93	8.27	11.11	12.00
	11	2462		7.16	7.61	10.40	11.50
	3	2422	MCS0	8.14	9.26	11.75	12.00



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802.11ax HE40	6	2437		8.01	7.51	10.78	12.00
	9	2452		6.76	6.60	9.69	11.00



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Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	13.60	14.50
	6	2437		13.78	14.50
	11	2462		12.51	13.50
802.11g	1	2412	6	5.45	6.50
	6	2437		5.53	6.50
	11	2462		5.74	6.50
802.11n HT20	1	2412	6.5	5.35	6.50
	6	2437		5.33	6.50
	11	2462		4.59	6.00
802.11n HT40	3	2422	13.5	6.06	6.50
	6	2437		5.80	6.50
	9	2452		4.69	5.50
802.11ax HE20	1	2412	MCS0	5.30	6.50
	6	2437		5.47	6.50
	11	2462		4.66	6.00
802.11ax HE40	3	2422	MCS0	5.45	6.50
	6	2437		5.59	6.50
	9	2452		4.36	5.50

WIFI 2.4G Ant 10 Set4					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.29	15.00
	6	2437		13.48	15.00
	11	2462		12.37	14.00
802.11g	1	2412	6	7.22	7.50
	6	2437		6.23	7.50
	11	2462		6.05	7.50
802.11n HT20	1	2412	6.5	6.67	7.00
	6	2437		5.84	7.00
	11	2462		5.26	6.50
802.11n HT40	3	2422	13.5	6.85	7.00
	6	2437		5.76	7.00
	9	2452		4.55	6.00
802.11ax HE20	1	2412	MCS0	6.84	7.00
	6	2437		5.83	7.00
	11	2462		5.21	6.50
	3	2422	MCS0	6.78	7.00



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802.11ax HE40	6	2437		5.13	7.00
	9	2452		4.18	6.00



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WIFI 2.4G MIMO Set4							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	13.60	14.29	16.97	17.50
	6	2437		13.78	13.48	16.64	17.50
	11	2462		12.51	12.37	15.45	16.50
802.11g	1	2412	6	5.45	7.22	9.43	9.50
	6	2437		5.53	6.23	8.90	9.50
	11	2462		5.74	6.05	8.91	9.50
802.11n HT20	1	2412	6.5	5.35	6.67	9.07	9.50
	6	2437		5.33	5.84	8.60	9.50
	11	2462		4.59	5.26	7.95	9.00
802.11n HT40	3	2422	13.5	6.06	6.85	9.48	9.50
	6	2437		5.80	5.76	8.79	9.50
	9	2452		4.69	4.55	7.63	8.50
802.11ax HE20	1	2412	MCS0	5.30	6.84	9.15	9.50
	6	2437		5.47	5.83	8.66	9.50
	11	2462		4.66	5.21	7.95	9.00
802.11ax HE40	3	2422	MCS0	5.45	6.78	9.18	9.50
	6	2437		5.59	5.13	8.38	9.50
	9	2452		4.36	4.18	7.28	8.50

WIFI 2.4G Ant 9 Set5					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	10.70	11.50
	6	2437		10.66	11.50
	11	2462		9.38	10.50
802.11g	1	2412	6	2.57	3.50
	6	2437		2.64	3.50
	11	2462		2.87	3.50
802.11n HT20	1	2412	6.5	2.25	3.50
	6	2437		2.32	3.50
	11	2462		1.58	3.00
802.11n HT40	3	2422	13.5	3.05	3.50
	6	2437		2.89	3.50
	9	2452		1.70	2.50
802.11ax HE20	1	2412	MCS0	2.34	3.50
	6	2437		2.42	3.50
	11	2462		1.69	3.00
	3	2422	MCS0	2.59	3.50



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802.11ax HE40	6	2437		2.52	3.50
	9	2452		1.27	2.50



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WIFI 2.4G Ant 10 Set5					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	11.25	12.00
	6	2437		10.59	12.00
	11	2462		9.37	11.00
802.11g	1	2412	6	4.21	4.50
	6	2437		3.13	4.50
	11	2462		2.94	4.50
802.11n HT20	1	2412	6.5	3.78	4.00
	6	2437		2.85	4.00
	11	2462		2.17	3.50
802.11n HT40	3	2422	13.5	3.85	4.00
	6	2437		2.85	4.00
	9	2452		1.65	3.00
802.11ax HE20	1	2412	MCS0	3.88	4.00
	6	2437		2.87	4.00
	11	2462		2.07	3.50
802.11ax HE40	3	2422	MCS0	3.76	4.00
	6	2437		2.11	4.00
	9	2452		1.02	3.00

WIFI 2.4G MIMO Set5							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	10.70	11.25	13.99	14.50
	6	2437		10.66	10.59	13.64	14.50
	11	2462		9.38	9.37	12.39	13.50
802.11g	1	2412	6	2.57	4.21	6.48	6.50
	6	2437		2.64	3.13	5.90	6.50
	11	2462		2.86	2.94	5.91	6.50
802.11n HT20	1	2412	6.5	2.25	3.78	6.09	6.50
	6	2437		2.32	2.85	5.60	6.50
	11	2462		1.58	2.17	4.90	6.00
802.11n HT40	3	2422	13.5	3.05	3.85	6.48	6.50
	6	2437		2.89	2.85	5.88	6.50
	9	2452		1.70	1.65	4.69	5.50
802.11ax HE20	1	2412	MCS0	2.34	3.88	6.19	6.50
	6	2437		2.42	2.87	5.66	6.50
	11	2462		1.69	2.07	4.89	6.00
	3	2422	MCS0	2.59	3.76	6.22	6.50



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802.11ax HE40	6	2437		2.52	2.11	5.33	6.50
	9	2452		1.27	1.02	4.16	5.50



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7.2 Conducted Power of 5G WIFI

WIFI 5G Ant 9 Set0/1/4						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	17.41	18.00
		40	5200		17.62	18.00
		44	5220		17.80	18.00
		48	5240		17.66	18.00
	U-NII-2A	52	5260		17.55	18.00
		56	5280		17.60	18.00
		60	5300		17.32	18.00
		64	5320		17.33	18.00
	U-NII-2C	100	5500		17.01	18.00
		104	5520		17.06	18.00
		108	5540		17.08	18.00
		112	5560		17.15	18.00
		116	5580		17.22	18.00
		120	5600		17.31	18.00
		124	5620		17.35	18.00
		128	5640		17.57	18.00
		132	5660		17.67	18.00
		136	5680		17.73	18.00
		140	5700		17.79	18.00
		144	5720		17.71	18.00
	U-NII-3	149	5745		17.75	18.00
		153	5765		17.81	18.00
		157	5785		17.63	18.00
		161	5805		17.69	18.00
		165	5825		17.70	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	17.25	18.00
		40	5200		17.34	18.00
		44	5220		17.31	18.00
		48	5240		17.38	18.00
	U-NII-2A	52	5260		17.30	18.00
		56	5280		17.48	18.00
		60	5300		17.43	18.00
		64	5320		17.23	18.00
	U-NII-2C	100	5500		16.95	18.00



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		104	5520		16.84	18.00
		108	5540		16.91	18.00
		112	5560		16.87	18.00
		116	5580		16.61	18.00
		120	5600		16.73	18.00
		124	5620		16.68	18.00
		128	5640		16.78	18.00
		132	5660		16.84	18.00
		136	5680		16.95	18.00
		140	5700		16.96	18.00
		144	5720		16.95	18.00
	U-NII-3	149	5745		16.80	18.00
		153	5765		16.92	18.00
		157	5785		16.90	18.00
		161	5805		16.92	18.00
		165	5825		17.09	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	15.52	16.00
		46	5230		17.65	18.00
	U-NII-2A	54	5270		17.72	18.00
		62	5310		16.50	17.00
	U-NII-2C	102	5510		16.38	17.00
		110	5550		17.28	18.00
		118	5590		17.13	18.00
		126	5630		17.14	18.00
		134	5670		17.28	18.00
		142	5710		17.31	18.00
	U-NII-3	151	5755		17.29	18.00
		159	5795		17.36	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	17.19	18.00
		40	5200		17.27	18.00
		44	5220		17.30	18.00
		48	5240		17.45	18.00
	U-NII-2A	52	5260		17.37	18.00
		56	5280		17.43	18.00
		60	5300		17.46	18.00
		64	5320		17.28	18.00



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		100	5500		17.01	18.00
		104	5520		16.81	18.00
		108	5540		16.89	18.00
		112	5560		16.85	18.00
		116	5580		16.66	18.00
		120	5600		16.70	18.00
		124	5620		16.68	18.00
		128	5640		16.76	18.00
		132	5660		16.80	18.00
		136	5680		17.01	18.00
		140	5700		17.03	18.00
		144	5720		16.90	18.00
		149	5745		16.78	18.00
		153	5765		16.88	18.00
		157	5785		16.91	18.00
		161	5805		16.87	18.00
		165	5825		17.04	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	15.66	16.00
		46	5230		17.62	18.00
	U-NII-2A	54	5270		17.77	18.00
		62	5310		16.64	17.00
	U-NII-2C	102	5510		16.34	17.00
		110	5550		17.30	18.00
		118	5590		17.06	18.00
		126	5630		17.10	18.00
		134	5670		17.21	18.00
		142	5710		17.35	18.00
	U-NII-3	151	5755		17.32	18.00
		159	5795		17.42	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	15.31	16.00
	U-NII-2A	58	5290		16.00	16.50
	U-NII-2C	106	5530		14.94	16.00
		122	5610		17.78	19.00
		138	5690		17.96	19.00
	U-NII-3	155	5775		17.98	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up



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802.11ac 160M	U-NII-2A	50	5250	MCS0	15.33	15.50
	U-NII-2C	114	5570		14.23	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	17.14	18.00
		40	5200		17.16	18.00
		44	5220		17.16	18.00
		48	5240		17.34	18.00
	U-NII-2A	52	5260		17.29	18.00
		56	5280		17.36	18.00
		60	5300		17.34	18.00
		64	5320		17.15	18.00
	U-NII-2C	100	5500		16.92	18.00
		104	5520		16.78	18.00
		108	5540		16.82	18.00
		112	5560		16.77	18.00
		116	5580		16.54	18.00
		120	5600		16.65	18.00
		124	5620		16.57	18.00
		128	5640		16.66	18.00
		132	5660		16.67	18.00
		136	5680		16.91	18.00
		140	5700		16.91	18.00
		144	5720		16.96	18.00
	U-NII-3	149	5745		16.78	18.00
		153	5765		16.88	18.00
		157	5785		16.81	18.00
		161	5805		17.03	18.00
		165	5825		17.28	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	15.03	16.00
		46	5230		17.05	18.00
	U-NII-2A	54	5270		17.09	18.00
		62	5310		16.18	17.00
	U-NII-2C	102	5510		15.74	17.00
		110	5550		16.74	18.00
		118	5590		16.53	18.00
		126	5630		16.59	18.00
		134	5670		16.74	18.00



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		142	5710		16.68	18.00
	U-NII-3	151	5755		16.73	18.00
		159	5795		16.70	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	15.18	16.00
	U-NII-2A	58	5290		15.90	16.50
	U-NII-2C	106	5530		14.86	16.00
		122	5610		17.58	19.00
		138	5690		17.67	19.00
	U-NII-3	155	5775		17.78	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	15.35	15.50
	U-NII-2C	114	5570		14.26	15.00



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WIFI 5G Ant 10 Set0/1/4						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	18.42	19.00
		40	5200		18.70	19.00
		44	5220		18.89	19.00
		48	5240		18.73	19.00
	U-NII-2A	52	5260		18.61	19.00
		56	5280		18.68	19.00
		60	5300		18.28	19.00
		64	5320		18.26	19.00
	U-NII-2C	100	5500		18.03	19.00
		104	5520		18.06	19.00
		108	5540		18.11	19.00
		112	5560		18.14	19.00
		116	5580		18.16	19.00
		120	5600		18.23	19.00
		124	5620		18.31	19.00
		128	5640		18.51	19.00
		132	5660		18.56	19.00
		136	5680		18.65	19.00
		140	5700		18.78	19.00
		144	5720		18.81	19.00
	U-NII-3	149	5745		18.76	19.00
		153	5765		18.82	19.00
		157	5785		18.66	19.00
		161	5805		18.70	19.00
		165	5825		18.67	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	18.16	19.00
		40	5200		18.37	19.00
		44	5220		18.56	19.00
		48	5240		18.44	19.00
	U-NII-2A	52	5260		18.28	19.00
		56	5280		18.33	19.00
		60	5300		17.96	19.00
		64	5320		17.92	19.00
	U-NII-2C	100	5500		18.12	19.00
		104	5520		18.21	19.00
		108	5540		17.78	19.00



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		112	5560		17.84	19.00
		116	5580		17.81	19.00
		120	5600		17.86	19.00
		124	5620		17.95	19.00
		128	5640		17.45	19.00
		132	5660		17.23	19.00
		136	5680		17.27	19.00
		140	5700		17.45	19.00
		144	5720		17.47	19.00
		149	5745		17.43	19.00
		153	5765		17.48	19.00
		157	5785		17.32	19.00
		161	5805		17.34	19.00
		165	5825		17.33	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	14.95	16.00
		46	5230		16.96	18.00
	U-NII-2A	54	5270		16.64	18.00
		62	5310		15.43	17.00
	U-NII-2C	102	5510		15.28	17.00
		110	5550		16.18	18.00
		118	5590		16.30	18.00
		126	5630		16.51	18.00
		134	5670		16.72	18.00
		142	5710		16.74	18.00
	U-NII-3	151	5755		16.82	18.00
		159	5795		16.71	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	16.14	18.00
		40	5200		16.42	18.00
		44	5220		16.58	18.00
		48	5240		16.50	18.00
	U-NII-2A	52	5260		16.35	18.00
		56	5280		16.35	18.00
		60	5300		16.97	18.00
		64	5320		16.92	18.00
	U-NII-2C	100	5500		16.65	18.00
		104	5520		16.72	18.00



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		108	5540		16.74	18.00
		112	5560		16.89	18.00
		116	5580		16.87	18.00
		120	5600		16.84	18.00
		124	5620		16.89	18.00
		128	5640		16.16	18.00
		132	5660		16.24	18.00
		136	5680		16.23	18.00
		140	5700		16.46	18.00
		144	5720		16.52	18.00
		149	5745		16.47	18.00
		153	5765		16.44	18.00
		157	5785		16.32	18.00
		161	5805		16.30	18.00
		165	5825		16.32	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	14.72	16.00
		46	5230		16.89	18.00
	U-NII-2A	54	5270		16.60	18.00
		62	5310		15.38	17.00
	U-NII-2C	102	5510		15.07	17.00
		110	5550		16.14	18.00
		118	5590		16.34	18.00
		126	5630		16.55	18.00
		134	5670		16.65	18.00
		142	5710		16.74	18.00
	U-NII-3	151	5755		16.88	18.00
		159	5795		16.75	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	14.70	15.00
	U-NII-2A	58	5290		14.59	15.50
	U-NII-2C	106	5530		13.85	15.00
		122	5610		17.04	18.00
		138	5690		17.50	18.00
	U-NII-3	155	5775		17.38	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	14.01	14.50
	U-NII-2C	114	5570		13.23	14.00



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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	18.32	19.00
		40	5200		18.60	19.00
		44	5220		18.73	19.00
		48	5240		18.69	19.00
	U-NII-2A	52	5260		16.49	18.00
		56	5280		16.48	18.00
		60	5300		16.18	18.00
		64	5320		16.09	18.00
	U-NII-2C	100	5500		16.25	18.00
		104	5520		16.24	18.00
		108	5540		16.33	18.00
		112	5560		16.05	18.00
		116	5580		16.05	18.00
		120	5600		16.08	18.00
		124	5620		16.21	18.00
		128	5640		16.35	18.00
		132	5660		16.40	18.00
		136	5680		16.46	18.00
		140	5700		16.62	18.00
		144	5720		16.65	18.00
	U-NII-3	149	5745		16.66	18.00
		153	5765		16.74	18.00
		157	5785		16.56	18.00
		161	5805		16.52	18.00
		165	5825		16.53	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	14.35	15.00
		46	5230		16.69	17.00
	U-NII-2A	54	5270		16.33	17.00
		62	5310		15.06	16.00
	U-NII-2C	102	5510		14.84	16.00
		110	5550		15.82	17.00
		118	5590		15.92	17.00
		126	5630		16.25	17.00
		134	5670		16.40	17.00
		142	5710		16.38	17.00
	U-NII-3	151	5755		16.53	17.00



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		159	5795		16.34	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	14.56	15.00
	U-NII-2A	58	5290		14.43	15.50
	U-NII-2C	106	5530		13.72	15.00
		122	5610		16.90	18.00
		138	5690		17.36	18.00
	U-NII-3	155	5775		17.30	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	14.04	14.50
	U-NII-2C	114	5570		13.26	14.00



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WIFI 5G MIMO Set0/1/4								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	17.37	18.44	20.95	22.00
		40	5200		17.57	18.37	21.00	22.00
		44	5220		17.53	18.37	20.98	22.00
		48	5240		17.41	18.49	20.99	22.00
	U-NII-2A	52	5260		17.49	18.28	20.91	22.00
		56	5280		17.45	18.42	20.97	22.00
		60	5300		17.27	18.30	20.83	22.00
		64	5320		17.31	18.21	20.79	22.00
	U-NII-2C	100	5500		17.07	17.99	20.56	22.00
		104	5520		17.00	18.00	20.54	22.00
		108	5540		17.04	18.12	20.62	22.00
		112	5560		17.15	18.07	20.64	22.00
		116	5580		17.19	18.20	20.73	22.00
		120	5600		17.30	18.18	20.77	22.00
		124	5620		17.29	18.38	20.88	22.00
		128	5640		17.55	18.28	20.94	22.00
		132	5660		17.65	18.27	20.98	22.00
		136	5680		17.49	18.33	20.94	22.00
		140	5700		17.41	18.49	20.99	22.00
		144	5720		17.35	18.49	20.97	22.00
	U-NII-3	149	5745		17.41	18.44	20.97	22.00
		153	5765		17.47	18.44	20.99	22.00
		157	5785		17.45	18.40	20.96	22.00
		161	5805		17.73	17.42	20.59	22.00
		165	5825		17.52	18.35	20.97	22.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	17.28	18.09	20.71	21.50
		40	5200		17.32	18.44	20.93	21.50
		44	5220		17.38	18.41	20.94	21.50
		48	5240		17.44	18.45	20.98	21.50
	U-NII-2A	52	5260		17.35	18.34	20.88	21.50
		56	5280		17.49	18.30	20.92	21.50
		60	5300		17.38	18.01	20.72	21.50
		64	5320		17.30	17.95	20.65	21.50
	U-NII-2C	100	5500		17.00	18.06	20.57	21.50
		104	5520		16.82	18.28	20.62	21.50



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		108	5540		16.96	17.81	20.42	21.50
		112	5560		16.88	17.79	20.37	21.50
		116	5580		16.55	17.86	20.26	21.50
		120	5600		16.68	17.91	20.35	21.50
		124	5620		16.71	17.89	20.35	21.50
		128	5640		16.83	17.42	20.15	21.50
		132	5660		16.88	17.19	20.05	21.50
		136	5680		17.01	17.26	20.15	21.50
		140	5700		16.89	17.40	20.16	21.50
		144	5720		16.93	17.41	20.19	21.50
	U-NII-3	149	5745		16.85	17.40	20.14	21.50
		153	5765		16.94	17.45	20.21	21.50
		157	5785		16.83	17.37	20.12	21.50
		161	5805		16.97	17.30	20.15	21.50
		165	5825		17.07	17.39	20.24	21.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	15.52	14.95	18.25	19.00
		46	5230		17.61	16.92	20.29	21.00
	U-NII-2A	54	5270		17.75	16.65	20.25	21.00
		62	5310		16.50	15.43	19.01	20.00
	U-NII-2C	102	5510		16.38	15.28	18.88	20.00
		110	5550		17.32	16.21	19.81	21.00
		118	5590		17.11	16.33	19.75	21.00
		126	5630		17.10	16.46	19.80	21.00
		134	5670		17.28	16.73	20.02	21.00
		142	5710		17.31	16.76	20.05	21.00
	U-NII-3	151	5755		17.34	16.78	20.08	21.00
		159	5795		17.43	16.76	20.12	21.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	17.12	16.21	19.70	21.00
		40	5200		17.23	16.41	19.85	21.00
		44	5220		17.30	16.55	19.95	21.00
		48	5240		17.41	16.49	19.98	21.00
	U-NII-2A	52	5260		17.40	16.36	19.92	21.00
		56	5280		17.37	16.41	19.93	21.00
		60	5300		17.53	16.91	20.24	21.00
		64	5320		17.23	16.93	20.09	21.00



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		100	5500		16.98	16.71	19.86	21.00
		104	5520		16.78	16.78	19.79	21.00
		108	5540		16.89	16.67	19.79	21.00
		112	5560		16.81	16.88	19.86	21.00
		116	5580		16.70	16.89	19.81	21.00
		120	5600		16.64	16.86	19.76	21.00
		124	5620		16.66	16.96	19.82	21.00
		128	5640		16.82	16.10	19.49	21.00
		132	5660		16.79	16.21	19.52	21.00
		136	5680		17.01	16.25	19.66	21.00
		140	5700		17.10	16.44	19.79	21.00
		144	5720		16.84	16.56	19.71	21.00
	U-NII-2C	149	5745		16.83	16.46	19.66	21.00
		153	5765		16.93	16.38	19.67	21.00
		157	5785		16.93	16.30	19.64	21.00
		161	5805		16.80	16.26	19.55	21.00
		165	5825		17.02	16.38	19.72	21.00
	U-NII-3							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	U-NII-1	38	5190		15.64	14.73	18.22	19.00
		46	5230		17.60	16.96	20.30	21.00
	U-NII-2A	54	5270		17.82	16.64	20.28	21.00
		62	5310		16.64	15.33	19.04	20.00
		102	5510		16.36	15.04	18.76	20.00
		110	5550		17.32	16.10	19.76	21.00
		118	5590		17.07	16.38	19.75	21.00
		126	5630		17.15	16.50	19.85	21.00
		134	5670		17.25	16.63	19.96	21.00
		142	5710		17.38	16.77	20.10	21.00
	U-NII-3	151	5755		17.28	16.82	20.07	21.00
		159	5795		17.35	16.78	20.08	21.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	U-NII-1	42	5210		15.24	14.67	17.97	19.00
	U-NII-2A	58	5290		15.98	14.52	18.32	19.50
		106	5530		14.96	13.84	17.45	19.00
		122	5610		17.78	17.07	20.45	22.00
		138	5690		17.99	17.51	20.77	22.00
	U-NII-3	155	5775		18.05	17.40	20.75	22.00



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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	15.33	14.03	17.74	18.50
	U-NII-2C	114	5570		14.29	13.20	16.79	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax- 20	U-NII-1	36	5180	MCS0	17.16	18.27	20.76	21.00
		40	5200		17.23	18.54	20.94	21.00
		44	5220		17.09	18.52	20.87	21.00
		48	5240		17.39	18.49	20.99	21.00
	U-NII-2A	52	5260		17.28	16.50	19.92	21.00
		56	5280		17.30	16.55	19.95	21.00
		60	5300		17.41	16.17	19.84	21.00
		64	5320		17.21	16.05	19.68	21.00
	U-NII-2C	100	5500		16.86	15.93	19.43	21.00
		104	5520		16.79	16.02	19.43	21.00
		108	5540		16.83	15.95	19.42	21.00
		112	5560		16.72	16.12	19.44	21.00
		116	5580		16.59	16.03	19.33	21.00
		120	5600		16.68	16.08	19.40	21.00
		124	5620		16.54	16.20	19.38	21.00
		128	5640		16.73	16.35	19.55	21.00
		132	5660		16.62	16.46	19.55	21.00
		136	5680		16.96	16.41	19.70	21.00
		140	5700		16.86	16.59	19.74	21.00
		144	5720		16.94	16.58	19.77	21.00
	U-NII-3	149	5745		16.80	16.66	19.74	21.00
		153	5765		16.90	16.75	19.84	21.00
		157	5785		16.75	16.50	19.64	21.00
		161	5805		16.96	16.57	19.78	21.00
		165	5825		17.28	16.59	19.96	21.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax- 40	U-NII-1	38	5190	MCS0	15.08	14.28	17.71	19.00
		46	5230		17.09	16.66	19.89	21.00
	U-NII-2A	54	5270		17.02	16.27	19.67	21.00
		62	5310		16.24	15.04	18.69	20.00
	U-NII-2C	102	5510		15.80	14.78	18.33	20.00
		110	5550		16.74	15.88	19.34	21.00



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		118	5590		16.51	15.96	19.25	21.00
		126	5630		16.66	16.28	19.48	21.00
		134	5670		16.75	16.47	19.62	21.00
		142	5710		16.75	16.34	19.56	21.00
	U-NII-3	151	5755		16.79	16.58	19.70	21.00
		159	5795		16.75	16.30	19.54	21.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	15.23	14.59	17.93	19.00
	U-NII-2A	58	5290		15.85	14.41	18.20	19.50
	U-NII-2C	106	5530		14.93	13.77	17.40	19.00
		122	5610		17.65	16.86	20.28	22.00
		138	5690		17.63	17.35	20.50	22.00
	U-NII-3	155	5775		17.81	17.27	20.56	22.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	15.30	14.04	17.73	18.50
	U-NII-2C	114	5570		14.25	13.29	16.81	18.00



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WIFI 5G Ant 9 Set2/3						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	14.45	15.00
		40	5200		14.58	15.00
		44	5220		14.82	15.00
		48	5240		14.66	15.00
	U-NII-2A	52	5260		14.54	15.00
		56	5280		14.62	15.00
		60	5300		14.29	15.00
		64	5320		14.38	15.00
	U-NII-2C	100	5500		13.98	15.00
		104	5520		14.06	15.00
		108	5540		14.12	15.00
		112	5560		14.18	15.00
		116	5580		14.27	15.00
		120	5600		14.27	15.00
		124	5620		14.32	15.00
		128	5640		14.56	15.00
		132	5660		14.71	15.00
		136	5680		14.75	15.00
		140	5700		14.82	15.00
		144	5720		14.71	15.00
	U-NII-3	149	5745		14.70	15.00
		153	5765		14.86	15.00
		157	5785		14.68	15.00
		161	5805		14.70	15.00
		165	5825		14.66	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.22	15.00
		40	5200		14.36	15.00
		44	5220		14.31	15.00
		48	5240		14.40	15.00
	U-NII-2A	52	5260		14.29	15.00
		56	5280		14.45	15.00
		60	5300		14.43	15.00
		64	5320		14.25	15.00
	U-NII-2C	100	5500		13.90	15.00
		104	5520		13.88	15.00
		108	5540		13.93	15.00



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		112	5560		13.82	15.00
		116	5580		13.64	15.00
		120	5600		13.69	15.00
		124	5620		13.63	15.00
		128	5640		13.78	15.00
		132	5660		13.84	15.00
		136	5680		13.98	15.00
		140	5700		13.93	15.00
		144	5720		13.93	15.00
		149	5745		13.83	15.00
		153	5765		13.94	15.00
		157	5785		13.94	15.00
		161	5805		13.88	15.00
		165	5825		14.09	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	12.53	13.00
		46	5230		14.70	15.00
	U-NII-2A	54	5270		14.67	15.00
		62	5310		13.54	14.00
	U-NII-2C	102	5510		13.34	14.00
		110	5550		14.28	15.00
		118	5590		14.10	15.00
		126	5630		14.13	15.00
		134	5670		14.30	15.00
		142	5710		14.36	15.00
	U-NII-3	151	5755		14.31	15.00
		159	5795		14.35	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	14.24	15.00
		40	5200		14.23	15.00
		44	5220		14.27	15.00
		48	5240		14.46	15.00
	U-NII-2A	52	5260		14.33	15.00
		56	5280		14.43	15.00
		60	5300		14.44	15.00
		64	5320		14.31	15.00
	U-NII-2C	100	5500		14.05	15.00
		104	5520		13.78	15.00



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		108	5540		13.85	15.00
		112	5560		13.89	15.00
		116	5580		13.61	15.00
		120	5600		13.66	15.00
		124	5620		13.66	15.00
		128	5640		13.80	15.00
		132	5660		13.77	15.00
		136	5680		14.00	15.00
		140	5700		14.06	15.00
		144	5720		13.87	15.00
	U-NII-3	149	5745		13.81	15.00
		153	5765		13.88	15.00
		157	5785		13.93	15.00
		161	5805		13.92	15.00
		165	5825		14.06	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	12.68	13.00
		46	5230		14.61	15.00
	U-NII-2A	54	5270		14.74	15.00
		62	5310		13.64	14.00
	U-NII-2C	102	5510		13.31	14.00
		110	5550		14.34	15.00
		118	5590		14.04	15.00
		126	5630		14.15	15.00
		134	5670		14.16	15.00
		142	5710		14.39	15.00
	U-NII-3	151	5755		14.27	15.00
		159	5795		14.42	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.31	13.00
	U-NII-2A	58	5290		12.99	13.50
	U-NII-2C	106	5530		11.91	13.00
		122	5610		14.82	16.00
		138	5690		14.98	16.00
	U-NII-3	155	5775		14.99	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	12.29	12.50
	U-NII-2C	114	5570		11.18	12.00



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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	14.19	15.00
		40	5200		14.15	15.00
		44	5220		14.20	15.00
		48	5240		14.31	15.00
	U-NII-2A	52	5260		14.31	15.00
		56	5280		14.38	15.00
		60	5300		14.32	15.00
		64	5320		14.15	15.00
	U-NII-2C	100	5500		13.87	15.00
		104	5520		13.80	15.00
		108	5540		13.81	15.00
		112	5560		13.82	15.00
		116	5580		13.53	15.00
		120	5600		13.69	15.00
		124	5620		13.54	15.00
		128	5640		13.67	15.00
		132	5660		13.71	15.00
		136	5680		13.88	15.00
		140	5700		13.88	15.00
		144	5720		13.95	15.00
	U-NII-3	149	5745		13.77	15.00
		153	5765		13.91	15.00
		157	5785		13.81	15.00
		161	5805		14.05	15.00
		165	5825		14.25	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	11.99	13.00
		46	5230		14.08	15.00
	U-NII-2A	54	5270		14.14	15.00
		62	5310		13.14	14.00
	U-NII-2C	102	5510		12.75	14.00
		110	5550		13.75	15.00
		118	5590		13.55	15.00
		126	5630		13.62	15.00
		134	5670		13.69	15.00
		142	5710		13.69	15.00
	U-NII-3	151	5755		13.69	15.00



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		159	5795		13.74	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	12.20	13.00
	U-NII-2A	58	5290		12.89	13.50
	U-NII-2C	106	5530		11.90	13.00
		122	5610		14.55	16.00
		138	5690		14.68	16.00
	U-NII-3	155	5775		14.82	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	12.40	12.50
	U-NII-2C	114	5570		11.22	12.00



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WIFI 5G Ant 10 Set2/3						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	15.38	16.00
		40	5200		15.66	16.00
		44	5220		15.94	16.00
		48	5240		15.71	16.00
	U-NII-2A	52	5260		15.60	16.00
		56	5280		15.63	16.00
		60	5300		15.30	16.00
		64	5320		15.24	16.00
	U-NII-2C	100	5500		15.08	16.00
		104	5520		15.09	16.00
		108	5540		15.15	16.00
		112	5560		15.11	16.00
		116	5580		15.11	16.00
		120	5600		15.26	16.00
		124	5620		15.33	16.00
		128	5640		15.49	16.00
		132	5660		15.55	16.00
		136	5680		15.70	16.00
		140	5700		15.75	16.00
		144	5720		15.85	16.00
	U-NII-3	149	5745		15.79	16.00
		153	5765		15.87	16.00
		157	5785		15.69	16.00
		161	5805		15.71	16.00
		165	5825		15.64	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.11	16.00
		40	5200		15.32	16.00
		44	5220		15.51	16.00
		48	5240		15.47	16.00
	U-NII-2A	52	5260		15.25	16.00
		56	5280		15.28	16.00
		60	5300		14.94	16.00
		64	5320		14.88	16.00
	U-NII-2C	100	5500		15.12	16.00
		104	5520		15.21	16.00
		108	5540		14.81	16.00



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		112	5560		14.81	16.00
		116	5580		14.86	16.00
		120	5600		14.91	16.00
		124	5620		14.97	16.00
		128	5640		14.40	16.00
		132	5660		14.26	16.00
		136	5680		14.28	16.00
		140	5700		14.41	16.00
		144	5720		14.47	16.00
		149	5745		14.38	16.00
		153	5765		14.45	16.00
		157	5785		14.33	16.00
		161	5805		14.29	16.00
		165	5825		14.33	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.95	13.00
		46	5230		13.91	15.00
	U-NII-2A	54	5270		13.68	15.00
		62	5310		12.40	14.00
	U-NII-2C	102	5510		12.32	14.00
		110	5550		13.21	15.00
		118	5590		13.27	15.00
		126	5630		13.56	15.00
		134	5670		13.70	15.00
		142	5710		13.70	15.00
	U-NII-3	151	5755		13.80	15.00
		159	5795		13.75	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	13.10	15.00
		40	5200		13.37	15.00
		44	5220		13.58	15.00
		48	5240		13.46	15.00
	U-NII-2A	52	5260		13.32	15.00
		56	5280		13.38	15.00
		60	5300		13.99	15.00
		64	5320		13.90	15.00
	U-NII-2C	100	5500		13.68	15.00
		104	5520		13.72	15.00



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		108	5540		13.71	15.00
		112	5560		13.89	15.00
		116	5580		13.84	15.00
		120	5600		13.84	15.00
		124	5620		13.93	15.00
		128	5640		13.19	15.00
		132	5660		13.25	15.00
		136	5680		13.21	15.00
		140	5700		13.44	15.00
		144	5720		13.56	15.00
	U-NII-3	149	5745		13.51	15.00
		153	5765		13.39	15.00
		157	5785		13.35	15.00
		161	5805		13.33	15.00
		165	5825		13.35	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	11.71	13.00
		46	5230		13.93	15.00
	U-NII-2A	54	5270		13.57	15.00
		62	5310		12.34	14.00
	U-NII-2C	102	5510		12.12	14.00
		110	5550		13.09	15.00
		118	5590		13.34	15.00
		126	5630		13.53	15.00
		134	5670		13.64	15.00
		142	5710		13.72	15.00
	U-NII-3	151	5755		13.84	15.00
		159	5795		13.75	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	11.70	12.00
	U-NII-2A	58	5290		11.58	12.50
	U-NII-2C	106	5530		10.85	12.00
		122	5610		14.06	15.00
		138	5690		14.50	15.00
	U-NII-3	155	5775		14.35	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	11.02	11.50
	U-NII-2C	114	5570		10.21	11.00



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