

WIFI 2.4G Ant22 DSI3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.59	17.00
	6	2437		17.83	19.50
	11	2462		17.55	19.50
802.11g	1	2412	6	13.79	15.00
	6	2437		17.70	19.00
	11	2462		13.75	15.50
802.11n HT20	1	2412	6.5	12.39	14.00
	6	2437		16.36	18.00
	11	2462		13.02	15.00
802.11n HT40	3	2422	13.5	13.38	14.50
	6	2437		16.88	18.00
	9	2452		12.27	13.50
802.11ac VHT20	1	2412	MCS0	12.36	14.00
	6	2437		16.35	18.00
	11	2462		13.02	15.00
802.11ac VHT40	3	2422	MCS0	13.48	14.50
	6	2437		16.86	18.00
	9	2452		12.28	13.50
802.11ax HT20	1	2412	MCS0	12.60	14.00
	6	2437		16.00	18.00
	11	2462		13.46	15.00
802.11ax HT40	3	2422	MCS0	13.19	14.50
	6	2437		16.55	18.00
	9	2452		11.99	13.50

WIFI 2.4G Ant25 DSI3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.35	17.00
	6	2437		18.13	19.50
	11	2462		17.91	19.50
802.11g	1	2412	6	13.24	15.00
	6	2437		17.57	19.00
	11	2462		13.85	15.50
802.11n HT20	1	2412	6.5	12.11	14.00
	6	2437		16.15	18.00
	11	2462		13.06	15.00
802.11n HT40	3	2422	13.5	13.49	14.50
	6	2437		16.82	18.00
	9	2452		12.25	13.50
802.11ac VHT20	1	2412	MCS0	12.11	14.00
	6	2437		16.15	18.00
	11	2462		13.04	15.00
802.11ac VHT40	3	2422	MCS0	12.58	14.50
	6	2437		16.75	18.00

	9	2452		12.25	13.50
802.11ax HT20	1	2412	MCS0	12.28	14.00
	6	2437		16.37	18.00
	11	2462		13.27	15.00
802.11ax HT40	3	2422	MCS0	13.25	14.50
	6	2437		16.45	18.00
	9	2452		11.93	13.50

WIFI 2.4G MIMO DSI3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.48	20.00
	6	2437		20.99	22.50
	11	2462		20.74	22.50
802.11g	1	2412	6	16.53	18.00
	6	2437		20.65	22.00
	11	2462		16.81	18.50
802.11n HT20	1	2412	6.5	15.26	17.00
	6	2437		19.27	21.00
	11	2462		16.05	18.00
802.11n HT40	3	2422	13.5	16.45	17.50
	6	2437		19.86	21.00
	9	2452		15.27	16.50
802.11ac VHT20	1	2412	MCS0	15.25	17.00
	6	2437		19.26	21.00
	11	2462		16.04	18.00
802.11ac VHT40	3	2422	MCS0	16.06	17.50
	6	2437		19.82	21.00
	9	2452		15.28	16.50
802.11ax HT20	1	2412	MCS0	15.45	17.00
	6	2437		19.20	21.00
	11	2462		16.38	18.00
802.11ax HT40	3	2422	MCS0	16.23	17.50
	6	2437		19.51	21.00
	9	2452		14.97	16.50

WIFI 2.4G Ant22 DSI4					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.65	17.00
	6	2437		17.35	19.00
	11	2462		17.05	19.00
802.11g	1	2412	6	13.88	15.00
	6	2437		17.60	19.00
	11	2462		13.79	15.50
802.11n HT20	1	2412	6.5	12.37	14.00
	6	2437		16.27	18.00
	11	2462		13.03	15.00
802.11n HT40	3	2422	13.5	13.40	14.50
	6	2437		16.79	18.00
	9	2452		12.36	13.50
802.11ac VHT20	1	2412	MCS0	12.45	14.00
	6	2437		16.44	18.00
	11	2462		13.07	15.00
802.11ac VHT40	3	2422	MCS0	13.49	14.50
	6	2437		16.77	18.00
	9	2452		12.28	13.50
802.11ax HT20	1	2412	MCS0	12.56	14.00
	6	2437		16.01	18.00
	11	2462		13.46	15.00
802.11ax HT40	3	2422	MCS0	13.29	14.50
	6	2437		16.52	18.00
	9	2452		11.92	13.50

WIFI 2.4G Ant25 DSI4					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.40	17.00
	6	2437		17.68	19.00
	11	2462		17.46	19.00
802.11g	1	2412	6	13.19	15.00
	6	2437		17.56	19.00
	11	2462		13.95	15.50
802.11n HT20	1	2412	6.5	12.12	14.00
	6	2437		16.14	18.00
	11	2462		13.02	15.00
802.11n HT40	3	2422	13.5	13.58	14.50
	6	2437		16.86	18.00
	9	2452		12.25	13.50
802.11ac VHT20	1	2412	MCS0	12.14	14.00
	6	2437		16.16	18.00
	11	2462		13.02	15.00
802.11ac VHT40	3	2422	MCS0	12.55	14.50
	6	2437		16.65	18.00

	9	2452		12.32	13.50
802.11ax HT20	1	2412	MCS0	12.27	14.00
	6	2437		16.28	18.00
	11	2462		13.30	15.00
802.11ax HT40	3	2422	MCS0	13.33	14.50
	6	2437		16.49	18.00
	9	2452		11.84	13.50

WIFI 2.4G MIMO DSI4					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.54	20.00
	6	2437		20.53	22.00
	11	2462		20.27	22.00
802.11g	1	2412	6	16.56	18.00
	6	2437		20.59	22.00
	11	2462		16.88	18.50
802.11n HT20	1	2412	6.5	15.26	17.00
	6	2437		19.22	21.00
	11	2462		16.04	18.00
802.11n HT40	3	2422	13.5	16.50	17.50
	6	2437		19.84	21.00
	9	2452		15.32	16.50
802.11ac VHT20	1	2412	MCS0	15.31	17.00
	6	2437		19.31	21.00
	11	2462		16.06	18.00
802.11ac VHT40	3	2422	MCS0	16.06	17.50
	6	2437		19.72	21.00
	9	2452		15.31	16.50
802.11ax HT20	1	2412	MCS0	15.43	17.00
	6	2437		19.16	21.00
	11	2462		16.39	18.00
802.11ax HT40	3	2422	MCS0	16.32	17.50
	6	2437		19.52	21.00
	9	2452		14.89	16.50

9.2 Conducted Power of 5G WIFI

WIFI 5G Ant22 DSI3						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.25	15.00
		40	5200		13.46	15.00
		44	5220		13.05	15.00
		48	5240		13.03	15.00
	U-NII-2A	52	5260		13.00	15.00
		56	5280		13.15	15.00
		60	5300		13.21	15.00
		64	5320		13.36	15.00
	U-NII-2C	100	5500		13.59	15.00
		104	5520		17.41	19.00
		108	5540		17.28	19.00
		112	5560		17.15	19.00
		116	5580		17.28	19.00
		132	5660		17.54	19.00
		136	5680		17.45	19.00
		140	5700		13.34	15.00
	U-NII-3	144	5720		13.47	15.00
		149	5745		16.53	18.50
		153	5765		16.59	18.50
		157	5785		16.78	18.50
161		5805	17.14	18.50		
		165	5825	17.21	18.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.53	16.50
		40	5200		16.79	18.50
		44	5220		16.29	18.50
		48	5240		16.40	18.50
	U-NII-2A	52	5260		16.36	18.50
		56	5280		16.43	18.50
		60	5300		16.54	18.50
	U-NII-2C	64	5320		13.03	15.00
		100	5500		13.71	15.50
		104	5520		16.52	18.50
		108	5540		16.50	18.50
		112	5560		16.33	18.50
		116	5580		16.45	18.50
		132	5660		16.65	18.50
		136	5680		16.58	18.50
	U-NII-3	140	5700		13.46	15.50
144		5720	13.55	15.50		
149		5745	15.73	18.50		
153		5765	16.05	18.50		
		157	5785	16.41	18.50	

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
		161	5805		16.79	18.50		
		165	5825		16.85	18.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11n-HT40	U-NII-1	38	5190	MCS0	12.78	14.00		
		46	5230		17.15	18.50		
	U-NII-2A	54	5270		17.23	18.50		
		62	5310		11.25	12.50		
	U-NII-2C	102	5510		12.11	13.00		
		110	5550		17.24	18.50		
		134	5670		14.96	16.00		
	U-NII-3	142	5710		14.98	16.00		
		151	5755		14.68	16.50		
			159		5795	17.25	18.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ac 20M	U-NII-1	36	5180	MCS0	14.50	16.50		
		40	5200		15.68	17.50		
		44	5220		15.68	17.50		
		48	5240		15.38	17.50		
	U-NII-2A	52	5260		15.36	17.50		
		56	5280		15.42	17.50		
		60	5300		15.50	17.50		
		64	5320		13.00	15.00		
	U-NII-2C	100	5500		13.69	15.50		
		104	5520		15.53	17.50		
		108	5540		15.43	17.50		
		112	5560		15.31	17.50		
		116	5580		15.44	17.50		
		132	5660		15.63	17.50		
		136	5680		15.56	17.50		
		140	5700		13.45	15.50		
	U-NII-3	144	5720		13.54	15.50		
		149	5745		14.69	17.50		
		153	5765		15.03	17.50		
		157	5785		15.32	17.50		
		161	5805		15.66	17.50		
		165	5825		15.76	17.50		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ac 40M	U-NII-1	38		5190	MCS0	12.76	14.00
46			5230	16.11	17.50			
U-NII-2A		54	5270	16.18	17.50			
		62	5310	11.26	12.50			
U-NII-2C		102	5510	12.09	13.00			
		110	5550	16.20	17.50			
		134	5670	14.93	16.00			
			142	5710	14.98		16.00	

	U-NII-3	151	5755		14.65	16.50	
		159	5795		16.26	17.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac 80M	U-NII-1	42	5210	MCS0	9.01	9.50	
	U-NII-2A	58	5290		7.75	8.50	
	U-NII-2C	106	5530		11.31	11.50	
		138	5690		16.23	16.50	
	U-NII-3	155	5775		15.43	16.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac 160M	U-NII-2A	50	5250	MCS0	8.11	9.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ax 20M	U-NII-1	36	5180	MCS0	14.96	16.50	
		40	5200		16.18	17.50	
		44	5220		15.69	17.50	
		48	5240		15.79	17.50	
	U-NII-2A	52	5260		15.78	17.50	
		56	5280		15.85	17.50	
		60	5300		15.96	17.50	
		64	5320		13.45	15.00	
	U-NII-2C	100	5500		14.21	15.50	
		104	5520		16.05	17.50	
		108	5540		15.92	17.50	
		112	5560		15.81	17.50	
		116	5580		15.89	17.50	
		132	5660		16.13	17.50	
		136	5680		16.08	17.50	
		140	5700		13.92	15.50	
	U-NII-3	144	5720		14.00	15.50	
		149	5745		15.21	17.50	
		153	5765		15.50	17.50	
		157	5785		15.85	17.50	
		161	5805		16.20	17.50	
			165		5825	16.26	17.50
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ax 40M	U-NII-1	38	5190	MCS0	12.71	14.00	
		46	5230		15.06	16.50	
	U-NII-2A	54	5270		15.15	16.50	
		62	5310		11.23	12.50	
	U-NII-2C	102	5510		12.19	13.00	
		110	5550		15.21	16.50	
		134	5670		14.93	16.00	
	U-NII-3	142	5710		15.05	16.00	
		151	5755		14.65	16.50	
			159		5795	15.19	16.50

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	8.91	9.50
	U-NII-2A	58	5290		7.69	8.50
	U-NII-2C	106	5530		11.27	11.50
		138	5690		16.15	16.50
	U-NII-3	155	5775		15.36	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	8.11	9.50

WIFI 5G Ant25 DSI3						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.97	15.00
		40	5200		14.13	15.00
		44	5220		14.20	15.00
		48	5240		14.25	15.00
	U-NII-2A	52	5260		13.85	15.00
		56	5280		14.38	15.00
		60	5300		14.23	15.00
		64	5320		14.13	15.00
	U-NII-2C	100	5500		13.48	15.00
		104	5520		17.58	19.00
		108	5540		17.23	19.00
		112	5560		17.49	19.00
		116	5580		17.61	19.00
		132	5660		18.25	19.00
		136	5680		18.51	19.00
		140	5700		14.53	15.00
	U-NII-3	144	5720		14.45	15.00
		149	5745		17.93	18.50
		153	5765		17.91	18.50
		157	5785		17.68	18.50
161		5805	17.66	18.50		
165		5825	17.47	18.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.17	16.50
		40	5200		17.41	18.50
		44	5220		17.40	18.50
		48	5240		17.51	18.50
	U-NII-2A	52	5260		16.89	18.50
		56	5280		17.59	18.50
		60	5300		17.49	18.50
	U-NII-2C	64	5320		13.67	15.00
		100	5500		13.65	15.50
		104	5520		17.18	18.50

		108	5540		16.78	18.50
		112	5560		16.55	18.50
		116	5580		17.15	18.50
		132	5660		17.44	18.50
		136	5680		17.62	18.50
		140	5700		14.83	15.50
		144	5720		14.72	15.50
	U-NII-3	149	5745		17.55	18.50
		153	5765		17.52	18.50
		157	5785		17.34	18.50
		161	5805		17.24	18.50
		165	5825		17.07	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	13.33	14.00
		46	5230		18.16	18.50
	U-NII-2A	54	5270		17.78	18.50
		62	5310		11.95	12.50
	U-NII-2C	102	5510		11.93	13.00
		110	5550		17.26	18.50
		134	5670		15.51	16.00
		142	5710		15.95	16.00
	U-NII-3	151	5755		16.33	16.50
		159	5795		17.86	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	15.12	16.50
		40	5200		16.36	17.50
		44	5220		16.20	17.50
		48	5240		16.31	17.50
	U-NII-2A	52	5260		15.81	17.50
		56	5280		16.59	17.50
		60	5300		16.53	17.50
		64	5320		13.79	15.00
	U-NII-2C	100	5500		13.51	15.50
		104	5520		16.00	17.50
		108	5540		15.59	17.50
		112	5560		15.76	17.50
		116	5580		15.88	17.50
		132	5660		16.18	17.50
		136	5680		16.38	17.50
		140	5700		14.59	15.50
	U-NII-3	144	5720		14.46	15.50
		149	5745		16.66	17.50
		153	5765		16.64	17.50
		157	5785		16.48	17.50
161		5805	16.42	17.50		
165		5825	16.23	17.50		

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac 40M	U-NII-1	38	5190	MCS0	13.42	14.00	
		46	5230		17.12	17.50	
	U-NII-2A	54	5270		16.74	17.50	
		62	5310		11.96	12.50	
	U-NII-2C	102	5510		11.99	13.00	
		110	5550		16.63	17.50	
		134	5670		15.46	16.00	
		142	5710		15.93	16.00	
	U-NII-3	151	5755		16.33	16.50	
		159	5795		16.99	17.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac 80M	U-NII-1	42	5210	MCS0	9.49	9.50	
	U-NII-2A	58	5290		8.48	8.50	
		106	5530		11.13	11.50	
	U-NII-2C	138	5690		16.45	16.50	
		155	5775		15.98	16.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac 160M	U-NII-2A	50	5250	MCS0	8.75	9.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ax 20M	U-NII-1	36	5180	MCS0	15.31	16.50	
		40	5200		16.53	17.50	
		44	5220		16.38	17.50	
		48	5240		16.52	17.50	
	U-NII-2A	52	5260		16.13	17.50	
		56	5280		16.99	17.50	
		60	5300		16.82	17.50	
		64	5320		14.09	15.00	
	U-NII-2C	100	5500		13.64	15.50	
		104	5520		16.17	17.50	
		108	5540		15.80	17.50	
		112	5560		16.01	17.50	
		116	5580		16.09	17.50	
		132	5660		16.38	17.50	
		136	5680		16.58	17.50	
		140	5700		14.78	15.50	
	U-NII-3	144	5720		14.71	15.50	
		149	5745		16.88	17.50	
		153	5765		16.92	17.50	
		157	5785		16.73	17.50	
161		5805	16.69	17.50			
165		5825	16.49	17.50			
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
		U-NII-1	38	5190	MCS0	12.73	14.00

802.11ax 40M	U-NII-2A	46	5230		15.45	16.50
		54	5270		15.33	16.50
		62	5310		11.75	12.50
	U-NII-2C	102	5510		11.56	13.00
		110	5550		15.05	16.50
		134	5670		15.00	16.00
		142	5710		15.53	16.00
	U-NII-3	151	5755		15.91	16.50
		159	5795		15.53	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	9.31	9.50
	U-NII-2A	58	5290		8.43	8.50
	U-NII-2C	106	5530		11.13	11.50
		138	5690		16.42	16.50
	U-NII-3	155	5775		15.97	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	8.72	9.50

WIFI 5G MIMO DSI1								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11a	U-NII-1	36	5180	6	16.64	18.00		
		40	5200		16.82	18.00		
		44	5220		16.67	18.00		
		48	5240		16.69	18.00		
	U-NII-2A	52	5260		16.46	18.00		
		56	5280		16.82	18.00		
		60	5300		16.76	18.00		
		64	5320		16.77	18.00		
	U-NII-2C	100	5500		16.55	18.00		
		104	5520		20.51	22.00		
		108	5540		20.27	22.00		
		112	5560		20.33	22.00		
		116	5580		20.46	22.00		
		132	5660		20.92	22.00		
		136	5680		21.02	22.00		
		140	5700		16.99	18.00		
	U-NII-3	144	5720		17.00	18.00		
		149	5745		20.30	21.50		
		153	5765		20.31	21.50		
		157	5785		20.26	21.50		
		161	5805		20.42	21.50		
			165		5825	20.35	21.50	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11n-HT20	U-NII-1	36		5180	MCS0	17.87	19.50

		40	5200		20.12	21.50
		44	5220		19.89	21.50
		48	5240		20.00	21.50
	U-NII-2A	52	5260		19.64	21.50
		56	5280		20.06	21.50
		60	5300		20.05	21.50
		64	5320		16.37	18.00
	U-NII-2C	100	5500		16.69	18.50
		104	5520		19.87	21.50
		108	5540		19.65	21.50
		112	5560		19.45	21.50
		116	5580		19.82	21.50
		132	5660		20.07	21.50
		136	5680		20.14	21.50
		140	5700		17.21	18.50
	U-NII-3	144	5720		17.18	18.50
		149	5745		19.74	21.50
		153	5765		19.86	21.50
		157	5785		19.91	21.50
		161	5805		20.03	21.50
		165	5825	19.97	21.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	16.07	17.00
		46	5230		20.69	21.50
	U-NII-2A	54	5270		20.52	21.50
		62	5310		14.62	15.50
	U-NII-2C	102	5510		15.03	16.00
		110	5550		20.26	21.50
		134	5670		18.25	19.00
	U-NII-3	142	5710		18.50	19.00
		151	5755		18.59	19.50
		159	5795	20.58	21.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	17.83	19.50
		40	5200		19.04	20.50
		44	5220		18.96	20.50
		48	5240		18.88	20.50
	U-NII-2A	52	5260		18.60	20.50
		56	5280		19.05	20.50
		60	5300		19.06	20.50
		64	5320		16.42	18.00
	U-NII-2C	100	5500		16.61	18.50
		104	5520		18.78	20.50
		108	5540		18.52	20.50
		112	5560		18.55	20.50
		116	5580		18.68	20.50

		132	5660		18.92	20.50
		136	5680		19.00	20.50
		140	5700		17.07	18.50
		144	5720		17.03	18.50
	U-NII-3	149	5745		18.80	20.50
		153	5765		18.92	20.50
		157	5785		18.95	20.50
		161	5805		19.07	20.50
		165	5825		19.01	20.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	16.11	17.00
		46	5230		19.65	20.50
	U-NII-2A	54	5270		19.48	20.50
		62	5310		14.63	15.50
	U-NII-2C	102	5510		15.05	16.00
		110	5550		19.43	20.50
		134	5670		18.21	19.00
		142	5710		18.49	19.00
	U-NII-3	151	5755		18.58	19.50
		159	5795		19.65	20.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.27	12.50
	U-NII-2A	58	5290		11.14	11.50
	U-NII-2C	106	5530		14.23	14.50
		138	5690		19.35	19.50
	U-NII-3	155	5775		18.72	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	11.45	12.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	18.15	19.50
		40	5200		19.37	20.50
		44	5220		19.06	20.50
		48	5240		19.18	20.50
	U-NII-2A	52	5260		18.97	20.50
		56	5280		19.47	20.50
		60	5300		19.42	20.50
		64	5320		16.79	18.00
	U-NII-2C	100	5500		16.94	18.50
		104	5520		19.12	20.50
		108	5540		18.87	20.50
		112	5560		18.92	20.50
		116	5580		19.00	20.50
		132	5660		19.27	20.50
		136	5680	19.35	20.50	

		140	5700		17.38	18.50
		144	5720		17.38	18.50
	U-NII-3	149	5745		19.14	20.50
		153	5765		19.28	20.50
		157	5785		19.32	20.50
		161	5805		19.46	20.50
		165	5825		19.39	20.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	15.73	17.00
		46	5230		18.27	19.50
	U-NII-2A	54	5270		18.25	19.50
		62	5310		14.51	15.50
	U-NII-2C	102	5510		14.90	16.00
		110	5550		18.14	19.50
		134	5670		17.98	19.00
		142	5710		18.31	19.00
	U-NII-3	151	5755		18.34	19.50
		159	5795		18.37	19.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	12.12	12.50
	U-NII-2A	58	5290		11.09	11.50
	U-NII-2C	106	5530		14.21	14.50
		138	5690		19.30	19.50
	U-NII-3	155	5775		18.69	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	11.44	12.50

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	10.23	12.00
		40	5200		10.52	12.00
		44	5220		10.05	12.00
		48	5240		10.03	12.00
	U-NII-2A	52	5260		10.16	12.00
		56	5280		10.14	12.00
		60	5300		10.25	12.00
		64	5320		10.42	12.00
	U-NII-2C	100	5500		9.55	11.00
		104	5520		9.44	11.00
		108	5540		9.32	11.00
		112	5560		9.18	11.00
		116	5580		9.23	11.00
		132	5660		9.54	11.00
		136	5680		9.48	11.00

		140	5700		9.28	11.00
		144	5720		9.48	11.00
	U-NII-3	149	5745		9.52	11.50
		153	5765		9.62	11.50
		157	5785		9.82	11.50
		161	5805		10.18	11.50
		165	5825		10.17	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	10.06	12.00
		40	5200		10.23	12.00
		44	5220		10.10	12.00
		48	5240		10.12	12.00
	U-NII-2A	52	5260		10.12	12.00
		56	5280		10.15	12.00
		60	5300		10.09	12.00
		64	5320		10.17	12.00
	U-NII-2C	100	5500		9.23	11.00
		104	5520		9.16	11.00
		108	5540		9.02	11.00
		112	5560		9.04	11.00
		116	5580		9.14	11.00
		132	5660		9.10	11.00
		136	5680		9.02	11.00
		140	5700		9.01	11.00
	U-NII-3	144	5720		9.05	11.00
		149	5745		8.92	11.50
		153	5765		9.20	11.50
		157	5785		9.55	11.50
161		5805	9.85	11.50		
		165	5825	9.87	11.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	10.74	12.00
		46	5230		10.69	12.00
	U-NII-2A	54	5270		10.71	12.00
		62	5310		10.25	11.50
	U-NII-2C	102	5510		10.07	11.00
		110	5550		9.71	11.00
		134	5670		9.95	11.00
		142	5710		9.95	11.00
	U-NII-3	151	5755		9.72	11.50
		159	5795		10.31	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	10.14	12.00
		40	5200		10.12	12.00
		44	5220		10.19	12.00

		48	5240		10.12	12.00
	U-NII-2A	52	5260		10.12	12.00
		56	5280		10.08	12.00
		60	5300		10.14	12.00
		64	5320		10.14	12.00
		100	5500		9.15	11.00
	U-NII-2C	104	5520		9.06	11.00
		108	5540		9.18	11.00
		112	5560		9.06	11.00
		116	5580		9.14	11.00
		132	5660		9.18	11.00
		136	5680		9.02	11.00
		140	5700		9.10	11.00
		144	5720		9.01	11.00
	U-NII-3	149	5745		8.87	11.50
		153	5765		9.24	11.50
		157	5785		9.50	11.50
		161	5805		9.72	11.50
		165	5825		9.77	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	10.75	12.00
		46	5230		10.67	12.00
	U-NII-2A	54	5270		10.71	12.00
		62	5310		10.32	11.50
	U-NII-2C	102	5510		10.14	11.00
		110	5550		9.68	11.00
		134	5670		9.92	11.00
	U-NII-3	142	5710		9.97	11.00
		151	5755		9.67	11.50
159	5795	10.29	11.50			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	8.04	8.50
		58	5290		6.79	7.50
	U-NII-2C	106	5530		10.27	10.50
		138	5690		10.79	11.00
	U-NII-3	155	5775		10.95	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	7.14	8.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	10.48	12.00
		40	5200		10.72	12.00
		44	5220		10.17	12.00
		48	5240		10.26	12.00
	U-NII-2A	52	5260		10.22	12.00

		56	5280		10.30	12.00
		60	5300		10.50	12.00
		64	5320		10.50	12.00
	U-NII-2C	100	5500		9.76	11.00
		104	5520		9.61	11.00
		108	5540		9.39	11.00
		112	5560		9.25	11.00
		116	5580		9.45	11.00
		132	5660		9.67	11.00
		136	5680		9.59	11.00
		140	5700		9.41	11.00
		144	5720		9.56	11.00
		U-NII-3	149	5745		9.52
	153		5765		9.69	11.50
	157		5785		9.86	11.50
	161		5805		10.14	11.50
	165		5825		10.30	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	10.68	12.00
		46	5230		10.51	12.00
	U-NII-2A	54	5270		10.66	12.00
		62	5310		10.19	11.50
	U-NII-2C	102	5510		10.23	11.00
		110	5550		9.68	11.00
		134	5670		9.94	11.00
	U-NII-3	142	5710		10.11	11.00
		151	5755		9.59	11.50
	159	5795	10.20		11.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	7.90	8.50
	U-NII-2A	58	5290		6.73	7.50
	U-NII-2C	106	5530		10.31	10.50
		138	5690		10.59	11.00
	U-NII-3	155	5775		10.86	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	7.16	8.50

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	10.97	12.00
		40	5200		11.15	12.00
		44	5220		11.24	12.00
		48	5240		11.27	12.00
	U-NII-2A	52	5260		10.88	12.00
		56	5280		11.32	12.00
		60	5300		11.29	12.00
		64	5320		11.13	12.00
	U-NII-2C	100	5500		9.46	11.00
		104	5520		9.52	11.00
		108	5540		9.26	11.00
		112	5560		9.55	11.00
		116	5580		9.56	11.00
		132	5660		10.29	11.00
		136	5680		10.53	11.00
		140	5700		10.56	11.00
	U-NII-3	144	5720		10.40	11.00
		149	5745		10.96	11.50
		153	5765		10.92	11.50
		157	5785		10.69	11.50
161		5805	10.63	11.50		
165		5825	10.48	11.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	10.71	12.00
		40	5200		10.92	12.00
		44	5220		10.89	12.00
		48	5240		11.05	12.00
	U-NII-2A	52	5260		10.37	12.00
		56	5280		11.05	12.00
		60	5300		10.93	12.00
		64	5320		10.71	12.00
	U-NII-2C	100	5500		9.14	11.00
		104	5520		9.69	11.00
		108	5540		9.25	11.00
		112	5560		9.10	11.00
		116	5580		9.60	11.00
		132	5660		9.97	11.00
		136	5680		10.06	11.00
		140	5700		10.29	11.00
	U-NII-3	144	5720		10.21	11.00
		149	5745		10.54	11.50
		153	5765		10.52	11.50
		157	5785		10.31	11.50
161		5805	10.23	11.50		

5GHz	mode	165 Channel	5825 Frequency(MHz)	Data Rate(Mbps)	10.10 Average Power (dBm)	11.50 Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.35	12.00
		46	5230		11.64	12.00
	U-NII-2A	54	5270		11.27	12.00
		62	5310		10.89	11.50
	U-NII-2C	102	5510		9.92	11.00
		110	5550		9.70	11.00
		134	5670		10.53	11.00
	U-NII-3	142	5710		10.99	11.00
		151	5755		11.35	11.50
			159		5795	10.93
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	10.66	12.00
		40	5200		10.80	12.00
		44	5220		10.74	12.00
		48	5240		10.78	12.00
	U-NII-2A	52	5260		10.30	12.00
		56	5280		11.11	12.00
		60	5300		11.08	12.00
		64	5320		10.84	12.00
	U-NII-2C	100	5500		9.18	11.00
		104	5520		9.54	11.00
		108	5540		9.08	11.00
		112	5560		9.21	11.00
		116	5580		9.35	11.00
		132	5660		9.69	11.00
		136	5680		9.94	11.00
		140	5700		10.14	11.00
	U-NII-3	144	5720		9.93	11.00
		149	5745		10.70	11.50
		153	5765		10.59	11.50
		157	5785		10.53	11.50
161		5805	10.46	11.50		
165		5825	10.29	11.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	11.46	12.00
		46	5230		11.62	12.00
	U-NII-2A	54	5270		11.22	12.00
		62	5310		10.96	11.50
	U-NII-2C	102	5510		10.01	11.00
		110	5550		10.10	11.00
		134	5670		10.46	11.00
	U-NII-3	142	5710		10.92	11.00
		151	5755		11.39	11.50

5GHz	mode	159 Channel	5795 Frequency(MHz)	Data Rate(Mbps)	11.00 Average Power (dBm)	11.50 Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	8.46	8.50
	U-NII-2A	58	5290		7.31	7.50
	U-NII-2C	106	5530		10.12	10.50
		138	5690		10.89	11.00
	U-NII-3	155	5775		11.48	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	7.74	8.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	10.85	12.00
		40	5200		11.06	12.00
		44	5220		10.90	12.00
		48	5240		10.96	12.00
	U-NII-2A	52	5260		10.58	12.00
		56	5280		11.43	12.00
		60	5300		11.26	12.00
		64	5320		11.12	12.00
	U-NII-2C	100	5500		9.18	11.00
		104	5520		9.66	11.00
		108	5540		9.32	11.00
		112	5560		9.46	11.00
		116	5580		9.55	11.00
		132	5660		9.90	11.00
		136	5680		10.08	11.00
		140	5700		10.23	11.00
	U-NII-3	144	5720		10.27	11.00
		149	5745		10.88	11.50
		153	5765		10.96	11.50
		157	5785		10.68	11.50
161		5805	10.63	11.50		
165		5825	10.43	11.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	10.68	12.00
		46	5230		10.99	12.00
	U-NII-2A	54	5270		10.80	12.00
		62	5310		10.71	11.50
	U-NII-2C	102	5510		9.52	11.00
		110	5550		9.51	11.00
		134	5670		9.96	11.00
		142	5710		10.49	11.00
	U-NII-3	151	5755		10.87	11.50
		159	5795		10.57	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ax 80M	U-NII-1	42	5210	MCS0	8.27	8.50
	U-NII-2A	58	5290		7.38	7.50
	U-NII-2C	106	5530		10.10	10.50
		138	5690		10.90	11.00
	U-NII-3	155	5775		11.50	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	7.78	8.50

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11a	U-NII-1	36	5180	6	13.63	15.00		
		40	5200		13.86	15.00		
		44	5220		13.70	15.00		
		48	5240		13.70	15.00		
	U-NII-2A	52	5260		13.55	15.00		
		56	5280		13.78	15.00		
		60	5300		13.81	15.00		
		64	5320		13.80	15.00		
	U-NII-2C	100	5500		12.52	14.00		
		104	5520		12.49	14.00		
		108	5540		12.30	14.00		
		112	5560		12.38	14.00		
		116	5580		12.41	14.00		
		132	5660		12.94	14.00		
		136	5680		13.05	14.00		
		140	5700		12.98	14.00		
	U-NII-3	144	5720		12.97	14.00		
		149	5745		13.31	14.50		
		153	5765		13.33	14.50		
		157	5785		13.29	14.50		
		161	5805		13.42	14.50		
			165		5825	13.34	14.50	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11n-HT20	U-NII-1	36		5180	MCS0	13.41	15.00
			40		5200		13.60	15.00
			44		5220		13.52	15.00
			48		5240		13.62	15.00
		U-NII-2A	52		5260		13.26	15.00
56			5280	13.63	15.00			
60			5300	13.54	15.00			
64			5320	13.46	15.00			
U-NII-2C		100	5500	12.20	14.00			
		104	5520	12.44	14.00			
		108	5540	12.15	14.00			

		112	5560		12.08	14.00
		116	5580		12.39	14.00
		132	5660		12.57	14.00
		136	5680		12.58	14.00
		140	5700		12.71	14.00
		144	5720		12.68	14.00
	U-NII-3	149	5745		12.82	14.50
		153	5765		12.92	14.50
		157	5785		12.96	14.50
		161	5805		13.05	14.50
		165	5825		13.00	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	14.07	15.00
		46	5230		14.20	15.00
	U-NII-2A	54	5270		14.01	15.00
		62	5310		13.59	14.50
	U-NII-2C	102	5510		13.01	14.00
		110	5550		12.72	14.00
		134	5670		13.26	14.00
	U-NII-3	142	5710		13.51	14.00
		151	5755		13.62	14.50
			159		5795	13.64
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	13.42	15.00
		40	5200		13.48	15.00
		44	5220		13.48	15.00
		48	5240		13.47	15.00
	U-NII-2A	52	5260		13.22	15.00
		56	5280		13.64	15.00
		60	5300		13.65	15.00
		64	5320		13.51	15.00
	U-NII-2C	100	5500		12.18	14.00
		104	5520		12.32	14.00
		108	5540		12.14	14.00
		112	5560		12.15	14.00
		116	5580		12.26	14.00
		132	5660		12.45	14.00
		136	5680		12.51	14.00
		140	5700		12.66	14.00
	U-NII-3	144	5720		12.50	14.00
		149	5745		12.89	14.50
		153	5765		12.98	14.50
		157	5785		13.06	14.50
161		5805	13.12	14.50		
		165	5825	13.05	14.50	

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	14.13	15.00
		46	5230		14.18	15.00
	U-NII-2A	54	5270		13.98	15.00
		62	5310		13.66	14.50
	U-NII-2C	102	5510		13.09	14.00
		110	5550		12.91	14.00
		134	5670		13.21	14.00
		142	5710		13.48	14.00
	U-NII-3	151	5755		13.62	14.50
		159	5795		13.67	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	11.27	11.50
	U-NII-2A	58	5290		10.07	10.50
	U-NII-2C	106	5530		13.21	13.50
		138	5690		13.85	14.00
	U-NII-3	155	5775		14.23	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	10.46	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	13.68	15.00
		40	5200		13.90	15.00
		44	5220		13.56	15.00
		48	5240		13.63	15.00
	U-NII-2A	52	5260		13.41	15.00
		56	5280		13.91	15.00
		60	5300		13.91	15.00
		64	5320		13.83	15.00
	U-NII-2C	100	5500		12.49	14.00
		104	5520		12.65	14.00
		108	5540		12.37	14.00
		112	5560		12.37	14.00
		116	5580		12.51	14.00
		132	5660		12.80	14.00
		136	5680		12.85	14.00
		140	5700		12.85	14.00
	U-NII-3	144	5720		12.94	14.00
		149	5745		13.26	14.50
		153	5765		13.38	14.50
		157	5785		13.30	14.50
		161	5805		13.40	14.50
	165	5825	13.38		14.50	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)
802.11ax-40	U-NII-1	38	5190	MCS0	13.69	15.00

		46	5230		13.77	15.00
	U-NII-2A	54	5270		13.74	15.00
		62	5310		13.47	14.50
		U-NII-2C	102	5510		12.90
	110		5550		12.61	14.00
	134		5670		12.96	14.00
	142		5710		13.31	14.00
	U-NII-3	151	5755		13.29	14.50
		159	5795		13.40	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	11.10	11.50
	U-NII-2A	58	5290		10.08	10.50
	U-NII-2C	106	5530		13.22	13.50
		138	5690		13.76	14.00
	U-NII-3	155	5775		14.20	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	10.49	11.50

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11a	U-NII-1	36	5180	6	12.81	14.50	
		40	5200		12.95	14.50	
		44	5220		12.55	14.50	
		48	5240		12.60	14.50	
	U-NII-2A	52	5260		12.62	14.50	
		56	5280		12.71	14.50	
		60	5300		12.70	14.50	
		64	5320		12.90	14.50	
	U-NII-2C	100	5500		12.17	13.50	
		104	5520		11.95	13.50	
		108	5540		11.72	13.50	
		112	5560		11.63	13.50	
		116	5580		11.72	13.50	
		132	5660		11.98	13.50	
		136	5680		11.92	13.50	
		140	5700		11.80	13.50	
	U-NII-3	144	5720		12.03	13.50	
		149	5745		12.12	14.00	
		153	5765		12.09	14.00	
		157	5785		12.32	14.00	
		161	5805		12.68	14.00	
			165		5825	12.68	14.00
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	12.51	14.50	

		40	5200		12.81	14.50	
		44	5220		12.56	14.50	
		48	5240		12.68	14.50	
	U-NII-2A	52	5260		12.56	14.50	
		56	5280		12.67	14.50	
		60	5300		12.50	14.50	
		64	5320		12.60	14.50	
	U-NII-2C	100	5500		11.76	13.50	
		104	5520		11.50	13.50	
		108	5540		11.67	13.50	
		112	5560		11.52	13.50	
		116	5580		11.63	13.50	
		132	5660		11.69	13.50	
		136	5680		11.55	13.50	
		140	5700		11.61	13.50	
	U-NII-3	144	5720		11.61	13.50	
		149	5745		11.34	14.00	
		153	5765		11.70	14.00	
		157	5785		12.07	14.00	
		161	5805		12.25	14.00	
		165	5825		12.45	14.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11n-HT40	U-NII-1	38	5190	MCS0	12.80	14.00	
		46	5230		13.13	14.50	
	U-NII-2A	54	5270		13.21	14.50	
		62	5310		11.21	12.50	
	U-NII-2C	102	5510		12.18	13.00	
		110	5550		11.68	13.00	
		134	5670		12.43	13.50	
	U-NII-3	142	5710		12.44	13.50	
		151	5755		12.20	14.00	
		159	5795		12.81	14.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac 20M	U-NII-1	36	5180	MCS0	12.53	14.50	
		40	5200		12.66	14.50	
		44	5220		12.70	14.50	
		48	5240		12.59	14.50	
	U-NII-2A	52	5260		12.62	14.50	
		56	5280		12.53	14.50	
		60	5300		12.58	14.50	
	U-NII-2C	64	5320		12.67	14.50	
		100	5500		11.71	13.50	
		104	5520		11.64	13.50	
		108	5540		11.67	13.50	
		112	5560		11.52	13.50	
			116		5580	11.65	13.50

		132	5660		11.59	13.50
		136	5680		11.53	13.50
		140	5700		11.62	13.50
		144	5720		11.59	13.50
	U-NII-3	149	5745		11.34	14.00
		153	5765		11.69	14.00
		157	5785		12.03	14.00
		161	5805		12.20	14.00
		165	5825		12.31	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	12.78	14.00
		46	5230		13.05	14.50
	U-NII-2A	54	5270		13.20	14.50
		62	5310		11.22	12.50
	U-NII-2C	102	5510		12.03	13.00
		110	5550		11.66	13.00
		134	5670		12.45	13.50
	U-NII-3	142	5710		12.48	13.50
		151	5755		12.11	14.00
	159	5795	12.83		14.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	9.03	9.50
	U-NII-2A	58	5290		7.76	8.50
	U-NII-2C	106	5530		11.33	11.50
		138	5690		13.19	13.50
	U-NII-3	155	5775		13.43	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	8.13	9.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	12.98	14.50
		40	5200		13.20	14.50
		44	5220		12.73	14.50
		48	5240		12.79	14.50
	U-NII-2A	52	5260		12.83	14.50
		56	5280		12.83	14.50
		60	5300		12.92	14.50
		64	5320		12.93	14.50
	U-NII-2C	100	5500		12.17	13.50
		104	5520		12.04	13.50
		108	5540		11.92	13.50
		112	5560		11.88	13.50
		116	5580		11.89	13.50
		132	5660		12.17	13.50
136	5680	12.15	13.50			

		140	5700		11.87	13.50
		144	5720		11.92	13.50
	U-NII-3	149	5745		12.02	14.00
		153	5765		12.13	14.00
		157	5785		12.33	14.00
		161	5805		12.64	14.00
		165	5825		12.77	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	12.70	14.00
		46	5230		13.10	14.50
	U-NII-2A	54	5270		13.12	14.50
		62	5310		11.24	12.50
	U-NII-2C	102	5510		12.18	13.00
		110	5550		11.76	13.00
		134	5670		12.38	13.50
		142	5710		12.57	13.50
	U-NII-3	151	5755		12.14	14.00
		159	5795		12.74	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	8.98	9.50
	U-NII-2A	58	5290		7.67	8.50
	U-NII-2C	106	5530		11.25	11.50
		138	5690		13.12	13.50
	U-NII-3	155	5775		13.36	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	8.08	9.50

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.37	14.50
		40	5200		13.63	14.50
		44	5220		13.77	14.50
		48	5240		13.69	14.50
	U-NII-2A	52	5260		13.31	14.50
		56	5280		13.92	14.50
		60	5300		13.77	14.50
		64	5320		13.66	14.50
	U-NII-2C	100	5500		11.97	13.50
		104	5520		12.15	13.50
		108	5540		11.67	13.50
		112	5560		11.93	13.50
		116	5580		12.03	13.50
		132	5660		12.73	13.50
		136	5680		12.98	13.50

		140	5700		13.06	13.50
		144	5720		13.03	13.50
	U-NII-3	149	5745		13.44	14.00
		153	5765		13.48	14.00
		157	5785		13.21	14.00
		161	5805		13.19	14.00
		165	5825		13.00	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	13.12	14.50
		40	5200		13.34	14.50
		44	5220		13.48	14.50
		48	5240		13.52	14.50
	U-NII-2A	52	5260		12.79	14.50
		56	5280		13.55	14.50
		60	5300		13.45	14.50
		64	5320		13.14	14.50
	U-NII-2C	100	5500		11.58	13.50
		104	5520		12.20	13.50
		108	5540		11.74	13.50
		112	5560		11.58	13.50
		116	5580		12.16	13.50
		132	5660		12.40	13.50
		136	5680		12.56	13.50
		140	5700		12.90	13.50
	U-NII-3	144	5720		12.67	13.50
		149	5745		13.10	14.00
		153	5765		12.97	14.00
		157	5785		12.87	14.00
161		5805	12.65	14.00		
		165	5825	12.58	14.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	13.24	14.00
		46	5230		14.16	14.50
	U-NII-2A	54	5270		13.73	14.50
		62	5310		11.94	12.50
	U-NII-2C	102	5510		11.93	13.00
		110	5550		11.70	13.00
		134	5670		12.98	13.50
		142	5710		13.40	13.50
	U-NII-3	151	5755		13.80	14.00
		159	5795		13.50	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	13.22	14.50
		40	5200		13.31	14.50
		44	5220		13.27	14.50

		48	5240		13.33	14.50
	U-NII-2A	52	5260		12.90	14.50
		56	5280		13.60	14.50
		60	5300		13.57	14.50
		64	5320		13.35	14.50
		100	5500		11.67	13.50
	U-NII-2C	104	5520		12.03	13.50
		108	5540		11.52	13.50
		112	5560		11.77	13.50
		116	5580		11.88	13.50
		132	5660		12.08	13.50
		136	5680		12.37	13.50
		140	5700		12.59	13.50
		144	5720		12.39	13.50
	U-NII-3	149	5745		13.17	14.00
		153	5765		13.15	14.00
		157	5785		13.02	14.00
		161	5805		12.88	14.00
		165	5825		12.72	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	13.37	14.00
		46	5230		14.19	14.50
	U-NII-2A	54	5270		13.72	14.50
		62	5310		12.00	12.50
	U-NII-2C	102	5510		12.00	13.00
		110	5550		12.10	13.00
		134	5670		12.93	13.50
	U-NII-3	142	5710		13.44	13.50
		151	5755		13.82	14.00
159	5795	13.53	14.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	9.50	9.50
	U-NII-2A	58	5290		8.31	8.50
	U-NII-2C	106	5530		11.10	11.50
		138	5690		13.46	13.50
	U-NII-3	155	5775		13.84	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	8.66	9.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	13.33	14.50
		40	5200		13.51	14.50
		44	5220		13.35	14.50
		48	5240		13.53	14.50
	U-NII-2A	52	5260		13.13	14.50

		56	5280		13.97	14.50
		60	5300		13.86	14.50
		64	5320		13.66	14.50
	U-NII-2C	100	5500		11.58	13.50
		104	5520		12.13	13.50
		108	5540		11.72	13.50
		112	5560		12.00	13.50
		116	5580		12.06	13.50
		132	5660		12.35	13.50
		136	5680		12.51	13.50
		140	5700		12.72	13.50
		144	5720		12.68	13.50
		U-NII-3	149	5745		13.33
	153		5765		13.40	14.00
	157		5785		13.29	14.00
	161		5805		13.25	14.00
	165		5825		13.03	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	12.79	14.00
		46	5230		13.50	14.50
	U-NII-2A	54	5270		13.36	14.50
		62	5310		11.71	12.50
	U-NII-2C	102	5510		11.55	13.00
		110	5550		11.57	13.00
		134	5670		12.51	13.50
	U-NII-3	142	5710		13.05	13.50
		151	5755		13.39	14.00
	159	5795	13.06		14.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	9.24	9.50
	U-NII-2A	58	5290		8.43	8.50
	U-NII-2C	106	5530		11.12	11.50
		138	5690		13.35	13.50
	U-NII-3	155	5775		13.97	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	8.72	9.50

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.11	17.50
		40	5200		16.31	17.50
		44	5220		16.21	17.50
		48	5240		16.19	17.50
	U-NII-2A	52	5260		15.99	17.50
		56	5280		16.37	17.50
		60	5300		16.28	17.50
		64	5320		16.31	17.50
	U-NII-2C	100	5500		15.08	16.50
		104	5520		15.06	16.50
		108	5540		14.71	16.50
		112	5560		14.79	16.50
		116	5580		14.89	16.50
		132	5660		15.38	16.50
		136	5680		15.49	16.50
		140	5700		15.49	16.50
	U-NII-3	144	5720		15.57	16.50
		149	5745		15.84	17.00
		153	5765		15.85	17.00
		157	5785		15.80	17.00
161		5805	15.95	17.00		
		165	5825	15.85	17.00	
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		16.09	17.50
		44	5220		16.05	17.50
		48	5240		16.13	17.50
	U-NII-2A	52	5260		15.69	17.50
		56	5280		16.14	17.50
		60	5300		16.01	17.50
		64	5320		15.89	17.50
	U-NII-2C	100	5500		14.68	16.50
		104	5520		14.87	16.50
		108	5540		14.72	16.50
		112	5560		14.56	16.50
		116	5580		14.91	16.50
		132	5660		15.07	16.50
		136	5680		15.09	16.50
		140	5700		15.31	16.50
	U-NII-3	144	5720		15.18	16.50
		149	5745		15.32	17.00
		153	5765		15.39	17.00
		157	5785		15.50	17.00
161		5805	15.46	17.00		

5GHz	mode	165 Channel	5825 Frequency(MHz)	Data Rate(Mbps)	15.53 Average Power (dBm)	17.00 Tune up		
802.11n-HT40	U-NII-1	38	5190	MCS0	16.04	17.00		
		46	5230		16.69	17.50		
	U-NII-2A	54	5270		16.49	17.50		
		62	5310		14.60	15.50		
	U-NII-2C	102	5510		15.07	16.00		
		110	5550		14.70	16.00		
		134	5670		15.72	16.50		
	U-NII-3	142	5710		15.96	16.50		
		151	5755		16.08	17.00		
	159	5795	16.18		17.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ac 20M	U-NII-1	36	5180	MCS0	15.90	17.50		
		40	5200		16.01	17.50		
		44	5220		16.00	17.50		
		48	5240		15.99	17.50		
	U-NII-2A	52	5260		15.77	17.50		
		56	5280		16.11	17.50		
		60	5300		16.11	17.50		
		64	5320		16.03	17.50		
	U-NII-2C	100	5500		14.70	16.50		
		104	5520		14.85	16.50		
		108	5540		14.61	16.50		
		112	5560		14.66	16.50		
		116	5580		14.78	16.50		
		132	5660		14.85	16.50		
		136	5680		14.98	16.50		
		140	5700		15.14	16.50		
	U-NII-3	144	5720		15.02	16.50		
		149	5745		15.36	17.00		
		153	5765		15.49	17.00		
		157	5785		15.56	17.00		
		161	5805		15.56	17.00		
		165	5825		15.53	17.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ac 40M	U-NII-1	38		5190	MCS0	16.10	17.00
46			5230	16.67	17.50			
U-NII-2A		54	5270	16.48	17.50			
		62	5310	14.64	15.50			
U-NII-2C		102	5510	15.03	16.00			
		110	5550	14.90	16.00			
		134	5670	15.71	16.50			
U-NII-3		142	5710	16.00	16.50			
		151	5755	16.06	17.00			

5GHz	mode	159 Channel	5795 Frequency(MHz)	Data Rate(Mbps)	16.20 Average Power (dBm)	17.00 Tune up		
802.11ac 80M	U-NII-1	42	5210	MCS0	12.28	12.50		
	U-NII-2A	58	5290		11.05	11.50		
	U-NII-2C	106	5530		14.23	14.50		
		138	5690		16.31	16.50		
	U-NII-3	155	5775		16.65	17.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ac 160M	U-NII-2A	50	5250	MCS0	11.41	12.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ax-20	U-NII-1	36	5180	MCS0	16.17	17.50		
		40	5200		16.37	17.50		
		44	5220		16.06	17.50		
		48	5240		16.19	17.50		
	U-NII-2A	52	5260		15.99	17.50		
		56	5280		16.45	17.50		
		60	5300		16.43	17.50		
		64	5320		16.32	17.50		
	U-NII-2C	100	5500		14.90	16.50		
		104	5520		15.10	16.50		
		108	5540		14.83	16.50		
		112	5560		14.95	16.50		
		116	5580		14.99	16.50		
		132	5660		15.27	16.50		
		136	5680		15.34	16.50		
		140	5700		15.33	16.50		
	U-NII-3	144	5720		15.33	16.50		
		149	5745		15.73	17.00		
		153	5765		15.82	17.00		
		157	5785		15.85	17.00		
		161	5805		15.97	17.00		
	165	5825	15.91		17.00			
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ax-40	U-NII-1	38		5190	MCS0	15.76	17.00
			46		5230		16.31	17.50
U-NII-2A		54	5270	16.25	17.50			
		62	5310	14.49	15.50			
U-NII-2C		102	5510	14.89	16.00			
		110	5550	14.68	16.00			
		134	5670	15.46	16.50			
		142	5710	15.83	16.50			
U-NII-3		151	5755	15.82	17.00			
		159	5795	15.91	17.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		

802.11ax 80M	U-NII-1	42	5210	MCS0	12.12	12.50
	U-NII-2A	58	5290		11.08	11.50
	U-NII-2C	106	5530		14.20	14.50
		138	5690		16.25	16.50
	U-NII-3	155	5775		16.69	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	11.42	12.50

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11a	U-NII-1	36	5180	6	13.16	15.00		
		40	5200		13.42	15.00		
		44	5220		13.07	15.00		
		48	5240		13.11	15.00		
	U-NII-2A	52	5260		13.10	15.00		
		56	5280		13.08	15.00		
		60	5300		13.26	15.00		
		64	5320		13.50	15.00		
	U-NII-2C	100	5500		13.51	15.00		
		104	5520		14.48	16.00		
		108	5540		14.23	16.00		
		112	5560		14.06	16.00		
		116	5580		14.30	16.00		
		132	5660		14.48	16.00		
		136	5680		14.48	16.00		
		140	5700		13.33	15.00		
	U-NII-3	144	5720		13.58	15.00		
		149	5745		13.15	15.00		
		153	5765		13.10	15.00		
		157	5785		13.35	15.00		
		161	5805		13.62	15.00		
			165		5825	13.70	15.00	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11n-HT20	U-NII-1	36		5180	MCS0	14.52	16.50
			40		5200		15.73	17.50
			44		5220		15.53	17.50
			48		5240		15.51	17.50
		U-NII-2A	52		5260		15.54	17.50
56			5280	15.57	17.50			
60			5300	15.69	17.50			
64			5320	13.19	15.00			
U-NII-2C		100	5500	13.72	15.50			
		104	5520	14.17	16.00			
		108	5540	14.07	16.00			

		112	5560		14.06	16.00
		116	5580		14.16	16.00
		132	5660		14.16	16.00
		136	5680		14.13	16.00
		140	5700		13.61	15.50
		144	5720		13.57	15.50
	U-NII-3	149	5745		12.45	15.00
		153	5765		12.80	15.00
		157	5785		13.16	15.00
		161	5805		13.30	15.00
		165	5825		13.36	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	12.80	14.00
		46	5230		16.18	17.50
	U-NII-2A	54	5270		16.25	17.50
		62	5310		11.15	12.50
	U-NII-2C	102	5510		12.10	13.00
		110	5550		14.74	16.00
		134	5670		14.96	16.00
	U-NII-3	142	5710		15.02	16.00
		151	5755		13.20	15.00
	159	5795	13.73		15.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	14.53	16.50
		40	5200		15.66	17.50
		44	5220		15.66	17.50
		48	5240		15.50	17.50
	U-NII-2A	52	5260		15.57	17.50
		56	5280		15.59	17.50
		60	5300		15.61	17.50
		64	5320		13.06	15.00
	U-NII-2C	100	5500		13.77	15.50
		104	5520		14.00	16.00
		108	5540		14.08	16.00
		112	5560		14.02	16.00
		116	5580		14.19	16.00
		132	5660		14.15	16.00
		136	5680		14.16	16.00
		140	5700		13.60	15.50
	U-NII-3	144	5720		13.52	15.50
		149	5745		12.46	15.00
		153	5765		12.72	15.00
		157	5785		13.05	15.00
161		5805	13.22	15.00		
165		5825	13.24	15.00		

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	12.74	14.00
		46	5230		16.17	17.50
	U-NII-2A	54	5270		16.18	17.50
		62	5310		11.27	12.50
	U-NII-2C	102	5510		12.01	13.00
		110	5550		14.58	16.00
		134	5670		14.87	16.00
		142	5710		15.03	16.00
	U-NII-3	151	5755		13.18	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	9.05	9.50
	U-NII-2A	58	5290		7.79	8.50
	U-NII-2C	106	5530		11.37	11.50
		138	5690		15.80	16.00
	U-NII-3	155	5775		14.42	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	8.09	9.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	14.98	16.50
		40	5200		16.11	17.50
		44	5220		15.74	17.50
		48	5240		15.73	17.50
	U-NII-2A	52	5260		15.71	17.50
		56	5280		15.88	17.50
		60	5300		15.96	17.50
		64	5320		13.35	15.00
	U-NII-2C	100	5500		14.19	15.50
		104	5520		14.53	16.00
		108	5540		14.45	16.00
		112	5560		14.42	16.00
		116	5580		14.32	16.00
		132	5660		14.71	16.00
		136	5680		14.58	16.00
		140	5700		13.93	15.50
	U-NII-3	144	5720		14.04	15.50
		149	5745		13.02	15.00
		153	5765		13.06	15.00
		157	5785		13.29	15.00
161		5805	13.66	15.00		
165		5825	13.84	15.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	38	5190	MCS0	12.69	14.00

802.11ax 40M	U-NII-2A	46	5230		16.09	17.50
		54	5270		15.17	16.50
		62	5310		11.24	12.50
	U-NII-2C	102	5510		12.13	13.00
		110	5550		14.80	16.00
		134	5670		14.89	16.00
		142	5710		14.96	16.00
	U-NII-3	151	5755		13.15	15.00
159		5795	13.64	15.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	8.84	9.50
	U-NII-2A	58	5290		7.77	8.50
	U-NII-2C	106	5530		11.36	11.50
		138	5690		15.68	16.00
	U-NII-3	155	5775		14.30	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	8.03	9.50

WIFI 5G Ant25 DSI4								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11a	U-NII-1	36	5180	6	13.86	15.00		
		40	5200		14.12	15.00		
		44	5220		14.14	15.00		
		48	5240		14.24	15.00		
	U-NII-2A	52	5260		13.85	15.00		
		56	5280		14.38	15.00		
		60	5300		14.29	15.00		
		64	5320		14.06	15.00		
	U-NII-2C	100	5500		13.45	15.00		
		104	5520		14.54	16.00		
		108	5540		14.27	16.00		
		112	5560		14.52	16.00		
		116	5580		14.62	16.00		
		132	5660		15.27	16.00		
		136	5680		15.56	16.00		
		140	5700		14.50	15.00		
	U-NII-3	144	5720		14.48	15.00		
		149	5745		14.33	15.00		
		153	5765		14.32	15.00		
		157	5785		14.23	15.00		
		161	5805		14.20	15.00		
			165		5825	13.90	15.00	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11n-HT20	U-NII-1	36		5180	MCS0	15.28	16.50

		40	5200		16.49	17.50
		44	5220		16.44	17.50
		48	5240		16.55	17.50
	U-NII-2A	52	5260		15.90	17.50
		56	5280		16.52	17.50
		60	5300		16.59	17.50
		64	5320		13.75	15.00
	U-NII-2C	100	5500		13.70	15.50
		104	5520		14.58	16.00
		108	5540		14.29	16.00
		112	5560		14.06	16.00
		116	5580		14.74	16.00
		132	5660		14.98	16.00
		136	5680		15.18	16.00
		140	5700		14.86	15.50
	U-NII-3	144	5720		14.74	15.50
		149	5745		14.00	15.00
		153	5765		13.97	15.00
		157	5785		13.94	15.00
		161	5805		13.63	15.00
		165	5825		13.56	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	13.19	14.00
		46	5230		17.05	17.50
	U-NII-2A	54	5270		16.83	17.50
		62	5310		12.13	12.50
	U-NII-2C	102	5510		11.85	13.00
		110	5550		14.71	16.00
		134	5670		15.55	16.00
	U-NII-3	142	5710		15.99	16.00
		151	5755		14.84	15.00
		159	5795		14.46	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	15.21	16.50
		40	5200		16.32	17.50
		44	5220		16.22	17.50
		48	5240		16.23	17.50
	U-NII-2A	52	5260		15.83	17.50
		56	5280		16.64	17.50
		60	5300		16.49	17.50
	U-NII-2C	64	5320		13.78	15.00
		100	5500		13.60	15.50
		104	5520		14.47	16.00
		108	5540		14.08	16.00
		112	5560		14.24	16.00
			116		5580	14.32

		132	5660		14.69	16.00
		136	5680		14.95	16.00
		140	5700		14.63	15.50
		144	5720		14.39	15.50
	U-NII-3	149	5745		14.22	15.00
		153	5765		14.23	15.00
		157	5785		13.97	15.00
		161	5805		14.01	15.00
		165	5825		13.70	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	13.36	14.00
		46	5230		17.06	17.50
	U-NII-2A	54	5270		16.80	17.50
		62	5310		11.96	12.50
	U-NII-2C	102	5510		11.96	13.00
		110	5550		15.12	16.00
		134	5670		15.43	16.00
	U-NII-3	142	5710		15.96	16.00
		151	5755		14.78	15.00
	159	5795	14.55		15.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	9.43	9.50
	U-NII-2A	58	5290		8.34	8.50
	U-NII-2C	106	5530		11.10	11.50
		138	5690		15.89	16.00
	U-NII-3	155	5775		14.97	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	8.80	9.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	15.26	16.50
		40	5200		16.47	17.50
		44	5220		16.30	17.50
		48	5240		16.41	17.50
	U-NII-2A	52	5260		16.24	17.50
		56	5280		16.87	17.50
		60	5300		16.87	17.50
		64	5320		14.02	15.00
	U-NII-2C	100	5500		13.60	15.50
		104	5520		14.74	16.00
		108	5540		14.24	16.00
		112	5560		14.59	16.00
		116	5580		14.54	16.00
		132	5660		14.79	16.00
136	5680	15.17	16.00			

		140	5700		14.76	15.50
		144	5720		14.73	15.50
	U-NII-3	149	5745		14.29	15.00
		153	5765		14.42	15.00
		157	5785		14.20	15.00
		161	5805		14.26	15.00
		165	5825		13.96	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	12.79	14.00
		46	5230		16.47	17.50
	U-NII-2A	54	5270		15.27	16.50
		62	5310		11.72	12.50
	U-NII-2C	102	5510		11.57	13.00
		110	5550		14.56	16.00
		134	5670		14.95	16.00
	U-NII-3	142	5710		15.59	16.00
		151	5755		14.44	15.00
	159	5795	13.95		15.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	9.32	9.50
	U-NII-2A	58	5290		8.49	8.50
	U-NII-2C	106	5530		11.12	11.50
		138	5690		15.92	16.00
	U-NII-3	155	5775		15.00	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	8.77	9.50

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.53	18.00
		40	5200		16.79	18.00
		44	5220		16.65	18.00
		48	5240		16.72	18.00
	U-NII-2A	52	5260		16.50	18.00
		56	5280		16.79	18.00
		60	5300		16.82	18.00
		64	5320		16.80	18.00
	U-NII-2C	100	5500		16.49	18.00
		104	5520		17.52	19.00
		108	5540		17.26	19.00
		112	5560		17.31	19.00
		116	5580		17.47	19.00
		132	5660		17.90	19.00
		136	5680		18.06	19.00

		140	5700		16.96	18.00
		144	5720		17.06	18.00
	U-NII-3	149	5745		16.79	18.00
		153	5765		16.76	18.00
		157	5785		16.82	18.00
		161	5805		16.93	18.00
		165	5825		16.81	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	17.93	19.50
		40	5200		19.14	20.50
		44	5220		19.02	20.50
		48	5240		19.07	20.50
	U-NII-2A	52	5260		18.73	20.50
		56	5280		19.08	20.50
		60	5300		19.17	20.50
		64	5320		16.49	18.00
	U-NII-2C	100	5500		16.72	18.50
		104	5520		17.39	19.00
		108	5540		17.19	19.00
		112	5560		17.07	19.00
		116	5580		17.47	19.00
		132	5660		17.60	19.00
		136	5680		17.70	19.00
		140	5700		17.29	18.50
	U-NII-3	144	5720		17.20	18.50
		149	5745		16.30	18.00
		153	5765		16.43	18.00
		157	5785		16.58	18.00
161		5805	16.48	18.00		
		165	5825	16.47	18.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	16.01	17.00
		46	5230		19.65	20.50
	U-NII-2A	54	5270		19.56	20.50
		62	5310		14.68	15.50
	U-NII-2C	102	5510		14.99	16.00
		110	5550		17.74	19.00
		134	5670		18.28	19.00
		142	5710		18.54	19.00
	U-NII-3	151	5755		17.11	18.00
		159	5795		17.12	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	17.89	19.50
		40	5200		19.01	20.50
		44	5220		18.96	20.50

		48	5240		18.89	20.50
	U-NII-2A	52	5260		18.71	20.50
		56	5280		19.16	20.50
		60	5300		19.08	20.50
		64	5320		16.45	18.00
		100	5500		16.70	18.50
	U-NII-2C	104	5520		17.25	19.00
		108	5540		17.09	19.00
		112	5560		17.14	19.00
		116	5580		17.27	19.00
		132	5660		17.44	19.00
		136	5680		17.58	19.00
		140	5700		17.16	18.50
		144	5720		16.99	18.50
	U-NII-3	149	5745		16.44	18.00
		153	5765		16.55	18.00
		157	5785		16.54	18.00
		161	5805		16.64	18.00
		165	5825		16.49	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	16.07	17.00
		46	5230		19.65	20.50
	U-NII-2A	54	5270		19.51	20.50
		62	5310		14.64	15.50
	U-NII-2C	102	5510		15.00	16.00
		110	5550		17.87	19.00
		134	5670		18.17	19.00
	U-NII-3	142	5710		18.53	19.00
		151	5755		17.06	18.00
	159	5795	17.18		18.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.25	12.50
		58	5290		11.08	11.50
	U-NII-2C	106	5530		14.25	14.50
		138	5690		18.86	19.00
	U-NII-3	155	5775		17.71	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	11.47	12.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	18.13	19.50
		40	5200		19.30	20.50
		44	5220		19.04	20.50
		48	5240		19.09	20.50
	U-NII-2A	52	5260		18.99	20.50

		56	5280		19.41	20.50
		60	5300		19.45	20.50
		64	5320		16.71	18.00
	U-NII-2C	100	5500		16.92	18.50
		104	5520		17.65	19.00
		108	5540		17.36	19.00
		112	5560		17.52	19.00
		116	5580		17.44	19.00
		132	5660		17.76	19.00
		136	5680		17.90	19.00
		140	5700		17.38	18.50
		144	5720		17.41	18.50
		U-NII-3	149	5745		16.71
	153		5765		16.80	18.00
	157		5785		16.78	18.00
	161		5805		16.98	18.00
	165		5825		16.91	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	15.75	17.00
		46	5230		19.29	20.50
	U-NII-2A	54	5270		18.23	19.50
		62	5310		14.50	15.50
	U-NII-2C	102	5510		14.87	16.00
		110	5550		17.69	19.00
		134	5670		17.93	19.00
		142	5710		18.30	19.00
	U-NII-3	151	5755		16.85	18.00
		159	5795		16.81	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	12.10	12.50
	U-NII-2A	58	5290		11.16	11.50
	U-NII-2C	106	5530		14.25	14.50
		138	5690		18.81	19.00
	U-NII-3	155	5775		17.67	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	11.43	12.50

9.3 Conducted Power of Bluetooth

BT Ant22 DS11/2/3/4		Average Conducted Power(dBm)					
Band	Channel	0	Tune up	39	Tune up	78	Tune up
BT	GFSK	10.13	12.00	10.58	12.50	9.19	11.00
	$\pi/4$ DQPSK	9.37	11.50	9.75	12.00	8.53	10.50
	8DPSK	9.34	11.50	9.75	12.00	8.46	10.50
Band	Channel	0	Tune up	19	Tune up	39	Tune up
BLE 1M	GFSK	6.20	8.50	6.61	9.00	5.23	7.50
BLE 2M	GFSK	7.53	8.50	7.96	9.00	6.50	7.50

BT Ant25 DS11/2/3/4		Average Conducted Power(dBm)					
Band	Channel	0	Tune up	39	Tune up	78	Tune up
BT	GFSK	12.02	13.00	12.25	13.50	10.72	12.00
	$\pi/4$ DQPSK	11.49	12.50	11.75	13.00	10.20	11.50
	8DPSK	11.42	12.50	11.73	13.00	10.16	11.50
Band	Channel	0	Tune up	19	Tune up	39	Tune up
BLE 1M	GFSK	8.04	9.50	8.35	10.00	6.83	8.50
BLE 2M	GFSK	9.36	9.50	9.68	10.00	8.06	8.50