

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

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

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802.11ac VHT80	U-NII-1	42	5210	MCS0	11.72	11.51	14.63	15.50		
	U-NII-2A	58	5290		11.59	11.27	14.44	15.50		
	U-NII-2C	106	5530		11.93	12.72	15.35	16.00		
		122	5610		13.79	12.92	16.39	17.50		
		138	5690		13.80	13.37	16.60	17.50		
	U-NII-3	155	5775		11.29	10.51	13.93	15.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.06	9.53	12.31	13.00		
	U-NII-2C	114	5570		10.21	10.75	13.50	14.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ax HEW20	U-NII-1	36	5180	MCS0	10.44	11.29	13.90	14.50		
		40	5200		9.87	11.05	13.51	14.50		
		44	5220		10.10	10.87	13.51	14.50		
		48	5240		10.50	11.17	13.86	14.50		
	U-NII-2A	52	5260		10.72	10.61	13.68	14.50		
		56	5280		10.18	10.40	13.30	14.50		
		60	5300		10.58	10.54	13.57	14.50		
		64	5320		10.79	11.01	13.91	14.50		
	U-NII-2C	100	5500		12.33	12.42	15.39	16.00		
		104	5520		12.21	12.26	15.25	16.00		
		108	5540		12.65	12.28	15.48	16.00		
		112	5560		12.37	12.05	15.22	16.00		
		116	5580		12.59	11.74	15.20	16.00		
		120	5600		12.28	11.95	15.13	16.00		
		124	5620		12.22	11.97	15.11	16.00		
		128	5640		12.29	11.60	14.97	16.00		
		132	5660		12.20	11.69	14.96	16.00		
		136	5680		11.94	11.50	14.74	16.00		
	U-NII-3	140	5700		11.84	11.30	14.59	16.00		
		144	5720		12.20	12.09	15.16	16.00		
		149	5745		11.02	11.61	14.34	15.50		
		153	5765		11.14	11.65	14.41	15.50		
		157	5785		11.46	11.88	14.69	15.50		
		161	5805		11.84	11.86	14.86	15.50		
	165	5825	11.60		11.88	14.75	15.50			
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ax HEW40	U-NII-1	38		5190	MCS0	12.08	12.42	15.26	16.00
			46		5230		12.04	12.11	15.09	16.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	U-NII-2A	54	5270	MCS0	12.10	11.84	14.98	16.00
		62	5310		12.24	12.18	15.22	16.00
	U-NII-2C	102	5510		13.94	13.77	16.87	17.50
		110	5550		13.91	13.74	16.84	17.50
		118	5590		13.44	12.86	16.17	17.50
		126	5630		13.23	12.76	16.01	17.50
		134	5670		13.39	12.70	16.07	17.50
		142	5710		13.78	13.09	16.46	17.50
	U-NII-3	151	5755		11.45	10.99	14.24	15.00
		159	5795		11.74	11.18	14.48	15.00
802.11ax HEW80	U-NII-1	42	5210	MCS0	12.01	11.72	14.88	15.50
U-NII-2A	58	5290	11.52		11.13	14.34	15.50	
U-NII-2C	106	5530	11.84		12.76	15.33	16.00	
	122	5610	13.65		12.88	16.29	17.50	
	138	5690	13.84		13.13	16.51	17.50	
U-NII-3	155	5775	11.36		10.58	14.00	15.00	
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.12	9.77	12.47	13.00
U-NII-2C	114	5570	10.43		10.88	13.67	14.50	

WIFI 5G Ant 5 Body worn							
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11a	U-NII-1	36	5180	6		13.29	14.50
		40	5200			13.43	14.50
		44	5220			13.56	14.50
		48	5240			13.96	14.50
	U-NII-2A	52	5260			13.97	15.50
		56	5280			14.17	15.50
		60	5300			14.24	15.50
		64	5320			14.36	15.50
	U-NII-2C	100	5500			14.23	15.50
		104	5520			14.72	15.50
		108	5540			15.03	15.50
		112	5560			15.05	15.50
		116	5580			15.09	15.50
		120	5600			15.18	15.50



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		124	5620		14.84	15.50
		128	5640		14.79	15.50
		132	5660		14.74	15.50
		136	5680		14.62	15.50
		140	5700		14.19	15.50
		144	5720		14.62	15.50
	U-NII-3	149	5745		18.41	19.50
		153	5765		18.23	19.50
		157	5785		18.36	19.50
		161	5805		18.47	19.50
		165	5825		19.12	19.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.85	16.00
		40	5200		14.36	16.00
		44	5220		14.33	16.00
		48	5240		14.97	16.00
	U-NII-2A	52	5260		15.01	16.00
		56	5280		14.71	16.00
		60	5300		14.88	16.00
		64	5320		15.32	16.00
	U-NII-2C	100	5500		15.11	16.00
		104	5520		15.34	16.00
		108	5540		15.39	16.00
		112	5560		15.30	16.00
		116	5580		15.51	16.00
		120	5600		15.39	16.00
		124	5620		15.12	16.00
		128	5640		15.23	16.00
		132	5660		14.99	16.00
		136	5680		15.16	16.00
	U-NII-3	140	5700		14.97	16.00
		144	5720		15.26	16.00
		149	5745		18.09	19.50
		153	5765		18.09	19.50
		157	5785		18.15	19.50
		161	5805		18.55	19.50
		165	5825	18.52	19.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	16.36	17.50
		46	5230		16.31	17.50



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	U-NII-2A	54	5270		16.43	17.50
		62	5310		16.60	17.50
	U-NII-2C	102	5510		17.03	17.50
		110	5550		16.57	17.50
		118	5590		16.41	17.50
		126	5630		16.42	17.50
		134	5670		16.15	17.50
		142	5710		16.64	17.50
	U-NII-3	151	5755		18.41	19.00
		159	5795		18.18	19.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	14.96	16.00
		40	5200		14.32	16.00
		44	5220		14.53	16.00
		48	5240		14.90	16.00
	U-NII-2A	52	5260		15.23	16.00
		56	5280		14.55	16.00
		60	5300		14.93	16.00
		64	5320		15.07	16.00
	U-NII-2C	100	5500		15.35	16.00
		104	5520		15.36	16.00
		108	5540		15.51	16.00
		112	5560		15.60	16.00
		116	5580		15.27	16.00
		120	5600		15.41	16.00
		124	5620		15.40	16.00
		128	5640		15.22	16.00
		132	5660		15.06	16.00
		136	5680		15.09	16.00
	U-NII-3	140	5700		14.92	16.00
		144	5720		14.97	16.00
149		5745	17.44	18.50		
153		5765	17.49	18.50		
157		5785	17.27	18.50		
161		5805	17.81	18.50		
		165	5825	17.81	18.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	16.33	17.50
		46	5230		16.53	17.50
	U-NII-2A	54	5270		16.50	17.50



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		62	5310		16.81	17.50
	U-NII-2C	102	5510		16.95	17.50
		110	5550		16.73	17.50
		118	5590		16.34	17.50
		126	5630		16.48	17.50
		134	5670		16.36	17.50
		142	5710		16.70	17.50
	U-NII-3	151	5755		18.15	19.00
		159	5795		18.13	19.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	16.48	17.00
	U-NII-2A	58	5290		16.05	17.00
	U-NII-2C	106	5530		14.76	16.00
		122	5610		16.68	17.50
	138	5690	16.74		17.50	
	U-NII-3	155	5775		18.33	19.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	13.70	14.50
	U-NII-2C	114	5570		13.16	14.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	14.84	16.00
		40	5200		14.42	16.00
		44	5220		14.56	16.00
		48	5240		14.92	16.00
	U-NII-2A	52	5260		15.12	16.00
		56	5280		14.72	16.00
		60	5300		15.20	16.00
		64	5320		15.25	16.00
	U-NII-2C	100	5500		15.32	16.00
		104	5520		15.29	16.00
		108	5540		15.46	16.00
		112	5560		15.53	16.00
		116	5580		15.51	16.00
		120	5600		15.46	16.00
		124	5620		15.23	16.00
		128	5640		15.17	16.00
		132	5660		15.42	16.00
		136	5680		14.91	16.00
140	5700	14.79	16.00			



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		144	5720		15.07	16.00		
	U-NII-3	149	5745		18.14	19.50		
		153	5765		18.00	19.50		
		157	5785		18.42	19.50		
		161	5805		18.84	19.50		
		165	5825		18.74	19.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ax HEW40	U-NII-1	38	5190	MCS0	16.44	17.50		
		46	5230		16.26	17.50		
	U-NII-2A	54	5270		16.72	17.50		
		62	5310		16.63	17.50		
	U-NII-2C	102	5510		16.77	17.50		
		110	5550		16.86	17.50		
		118	5590		16.40	17.50		
		126	5630		16.23	17.50		
		134	5670		16.24	17.50		
		142	5710		16.74	17.50		
	U-NII-3	151	5755		18.61	19.00		
		159	5795		18.73	19.00		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ax HEW80	U-NII-1	42		5210	MCS0	16.40	17.00
U-NII-2A		58	5290	15.93	17.00			
U-NII-2C		106	5530	14.88	16.00			
		122	5610	16.51	17.50			
		138	5690	16.59	17.50			
U-NII-3		155	5775	18.39	19.00			
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	13.73	14.50		
	U-NII-2C	114	5570		13.37	14.50		

WIFI 5G Ant 4 Body worn						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	14.72	15.50
		40	5200		14.21	15.50
		44	5220		14.44	15.50
		48	5240		15.18	15.50
	U-NII-2A	52	5260		14.39	15.50



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		60	5300		14.78	15.50
		64	5320		14.41	15.50
	U-NII-2C	100	5500		13.77	15.50
		104	5520		14.47	15.50
		108	5540		14.06	15.50
		112	5560		13.96	15.50
		116	5580		13.85	15.50
		120	5600		14.09	15.50
		124	5620		14.01	15.50
		128	5640		13.71	15.50
		132	5660		13.70	15.50
		136	5680		14.03	15.50
		140	5700		13.53	15.50
		144	5720		14.65	15.50
	U-NII-3	149	5745		19.02	19.50
		153	5765		19.03	19.50
		157	5785		19.11	19.50
		161	5805		18.71	19.50
		165	5825		19.23	19.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.63	16.00
		40	5200		15.36	16.00
		44	5220		15.11	16.00
		48	5240		15.40	16.00
	U-NII-2A	52	5260		15.03	16.00
		56	5280		14.73	16.00
		60	5300		15.14	16.00
		64	5320		15.51	16.00
	U-NII-2C	100	5500		15.16	16.00
		104	5520		15.30	16.00
		108	5540		15.32	16.00
		112	5560		15.14	16.00
		116	5580		14.74	16.00
		120	5600		14.92	16.00
		124	5620		14.92	16.00
		128	5640		14.39	16.00
		132	5660		14.75	16.00
		136	5680		14.38	16.00
		140	5700		14.08	16.00
		144	5720		14.89	16.00



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		149	5745		18.78	19.50		
		153	5765		18.73	19.50		
	U-NII-3	157	5785		18.75	19.50		
		161	5805		18.74	19.50		
		165	5825		18.73	19.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11n-HT40	U-NII-1	38	5190	MCS0	16.64	17.50		
		46	5230		16.71	17.50		
	U-NII-2A	54	5270		16.11	17.50		
		62	5310		16.34	17.50		
	U-NII-2C	102	5510		16.61	17.50		
		110	5550		16.76	17.50		
		118	5590		15.97	17.50		
		126	5630		15.64	17.50		
		134	5670		16.01	17.50		
		142	5710		16.10	17.50		
	U-NII-3	151	5755		17.73	19.00		
		159	5795		18.08	19.00		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ac VHT20	U-NII-1	36		5180	MCS0	15.83	16.00
40			5200	15.37	16.00			
44			5220	15.20	16.00			
48			5240	15.52	16.00			
U-NII-2A		52	5260	15.01	16.00			
		56	5280	15.04	16.00			
		60	5300	15.09	16.00			
U-NII-2C		64	5320	15.42	16.00			
		100	5500	15.30	16.00			
		104	5520	15.19	16.00			
		108	5540	15.30	16.00			
		112	5560	15.09	16.00			
		116	5580	14.73	16.00			
		120	5600	14.86	16.00			
		124	5620	15.06	16.00			
		128	5640	14.45	16.00			
		132	5660	14.72	16.00			
		136	5680	14.58	16.00			
U-NII-3		140	5700	14.05	16.00			
		144	5720	14.68	16.00			
		149	5745	17.77	18.50			



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		153	5765		18.01	18.50
		157	5785		17.99	18.50
		161	5805		18.11	18.50
		165	5825		17.86	18.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	16.47	17.50
		46	5230		16.67	17.50
	U-NII-2A	54	5270		16.36	17.50
		62	5310		16.39	17.50
	U-NII-2C	102	5510		16.76	17.50
		110	5550		16.63	17.50
		118	5590		15.91	17.50
		126	5630		15.77	17.50
		134	5670		15.88	17.50
	U-NII-3	142	5710		16.15	17.50
		151	5755		17.78	19.00
		159	5795		17.89	19.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	15.90	17.00
	U-NII-2A	58	5290		15.76	17.00
	U-NII-2C	106	5530		15.42	16.00
		122	5610		15.81	17.50
		138	5690		16.10	17.50
	U-NII-3	155	5775		17.18	19.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	14.16	14.50
	U-NII-2C	114	5570		13.58	14.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	15.57	16.00
		40	5200		15.31	16.00
		44	5220		15.20	16.00
		48	5240		15.71	16.00
	U-NII-2A	52	5260		15.17	16.00
		56	5280		14.88	16.00
		60	5300		14.95	16.00
		64	5320		15.50	16.00
	U-NII-2C	100	5500		15.29	16.00
		104	5520		15.28	16.00



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		108	5540		15.40	16.00
		112	5560		15.24	16.00
		116	5580		14.85	16.00
		120	5600		14.86	16.00
		124	5620		15.18	16.00
		128	5640		14.65	16.00
		132	5660		14.77	16.00
		136	5680		14.78	16.00
		140	5700		14.31	16.00
		144	5720		15.12	16.00
	U-NII-3	149	5745		18.73	19.50
		153	5765		18.79	19.50
		157	5785		18.93	19.50
		161	5805		19.00	19.50
		165	5825		19.10	19.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	16.66	17.50
		46	5230		16.61	17.50
	U-NII-2A	54	5270		16.58	17.50
		62	5310		16.59	17.50
	U-NII-2C	102	5510		16.57	17.50
		110	5550		16.86	17.50
		118	5590		15.91	17.50
		126	5630		15.86	17.50
	U-NII-3	134	5670		15.86	17.50
		142	5710		15.99	17.50
151		5755	17.89	19.00		
		159	5795	18.15	19.00	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	16.09	17.00
		58	5290		15.53	17.00
	U-NII-2C	106	5530		15.47	16.00
		122	5610		15.94	17.50
	U-NII-3	138	5690		16.32	17.50
		155	5775		17.55	19.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	14.17	14.50
	U-NII-2C	114	5570		13.75	14.50



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WIFI 5G MIMO Body worn								
Mode	5GHz	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	13.29	14.72	17.07	18.00
		40	5200		13.43	14.21	16.85	18.00
		44	5220		13.56	14.44	17.03	18.00
		48	5240		13.96	15.18	17.62	18.00
	U-NII-2A	52	5260		13.97	14.39	17.20	18.50
		56	5280		14.17	14.93	17.58	18.50
		60	5300		14.24	14.78	17.53	18.50
		64	5320		14.36	14.41	17.40	18.50
	U-NII-2C	100	5500		14.23	13.77	17.02	18.50
		104	5520		14.72	14.47	17.61	18.50
		108	5540		15.03	14.06	17.58	18.50
		112	5560		15.05	13.96	17.55	18.50
		116	5580		15.09	13.85	17.52	18.50
		120	5600		15.18	14.09	17.68	18.50
		124	5620		14.84	14.01	17.46	18.50
		128	5640		14.79	13.71	17.29	18.50
		132	5660		14.74	13.70	17.26	18.50
		136	5680		14.62	14.03	17.35	18.50
		140	5700		14.19	13.53	16.88	18.50
		144	5720		14.62	14.65	17.65	18.50
	U-NII-3	149	5745		18.41	19.02	21.74	22.50
		153	5765		18.23	19.03	21.66	22.50
		157	5785		18.36	19.11	21.76	22.50
		161	5805		18.47	18.71	21.60	22.50
165		5825	19.12	19.23	22.19	22.50		
Mode	5GHz	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	14.85	15.63	18.27	19.00
		40	5200		14.36	15.36	17.90	19.00
		44	5220		14.33	15.11	17.75	19.00
		48	5240		14.97	15.40	18.20	19.00
	U-NII-2A	52	5260		15.01	15.03	18.03	19.00
		56	5280		14.71	14.73	17.73	19.00
		60	5300		14.88	15.14	18.02	19.00
		64	5320		15.32	15.51	18.43	19.00
	U-NII-2C	100	5500		15.11	15.16	18.15	19.00
		104	5520		15.34	15.30	18.33	19.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
		108	5540		15.39	15.32	18.37	19.00		
		112	5560		15.30	15.14	18.23	19.00		
		116	5580		15.51	14.74	18.15	19.00		
		120	5600		15.39	14.92	18.17	19.00		
		124	5620		15.12	14.92	18.03	19.00		
		128	5640		15.23	14.39	17.84	19.00		
		132	5660		14.99	14.75	17.88	19.00		
		136	5680		15.16	14.38	17.80	19.00		
		140	5700		14.97	14.08	17.56	19.00		
		144	5720		15.26	14.89	18.09	19.00		
		U-NII-3	149		5745	18.09	18.78	21.46	22.50	
			153		5765	18.09	18.73	21.43	22.50	
			157		5785	18.15	18.75	21.47	22.50	
			161		5805	18.55	18.74	21.66	22.50	
			165		5825	18.52	18.73	21.64	22.50	
		802.11n-HT40	U-NII-1		38	5190	MCS0	16.36	16.64	19.51
46	5230			16.31	16.71	19.52		20.50		
U-NII-2A	54		5270	16.43	16.11	19.28		20.50		
	62		5310	16.60	16.34	19.48		20.50		
U-NII-2C	102		5510	17.03	16.61	19.84		20.50		
	110		5550	16.57	16.76	19.68		20.50		
	118		5590	16.41	15.97	19.21		20.50		
	126		5630	16.42	15.64	19.06		20.50		
	134		5670	16.15	16.01	19.09		20.50		
	142		5710	16.64	16.10	19.39		20.50		
U-NII-3	151		5755	18.41	17.73	21.09		22.00		
	159		5795	18.18	18.08	21.14		22.00		
802.11ac VHT20	U-NII-1		36	5180	MCS0	14.96		15.83	18.43	19.00
			40	5200		14.32		15.37	17.89	19.00
			44	5220		14.53		15.20	17.89	19.00
			48	5240		14.90		15.52	18.23	19.00
	U-NII-2A	52	5260	15.23		15.01	18.13	19.00		
		56	5280	14.55		15.04	17.81	19.00		
		60	5300	14.93		15.09	18.02	19.00		
		64	5320	15.07		15.42	18.26	19.00		
	U-NII-2C	100	5500	15.35		15.30	18.34	19.00		
		104	5520	15.36		15.19	18.29	19.00		



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
			108	5540	15.51	15.30	18.42	19.00		
			112	5560	15.60	15.09	18.36	19.00		
			116	5580	15.27	14.73	18.02	19.00		
			120	5600	15.41	14.86	18.15	19.00		
			124	5620	15.40	15.06	18.24	19.00		
			128	5640	15.22	14.45	17.86	19.00		
			132	5660	15.06	14.72	17.90	19.00		
			136	5680	15.09	14.58	17.85	19.00		
			140	5700	14.92	14.05	17.52	19.00		
			144	5720	14.97	14.68	17.84	19.00		
			U-NII-3	149	5745	17.44	17.77	20.62	21.50	
				153	5765	17.49	18.01	20.77	21.50	
				157	5785	17.27	17.99	20.66	21.50	
				161	5805	17.81	18.11	20.97	21.50	
				165	5825	17.81	17.86	20.85	21.50	
802.11ac VHT40	U-NII-1	38	5190	MCS0	16.33	16.47	19.41	20.50		
		46	5230		16.53	16.67	19.61	20.50		
	U-NII-2A	54	5270		16.50	16.36	19.44	20.50		
		62	5310		16.81	16.39	19.62	20.50		
	U-NII-2C	102	5510		16.95	16.76	19.87	20.50		
		110	5550		16.73	16.63	19.69	20.50		
		118	5590		16.34	15.91	19.14	20.50		
		126	5630		16.48	15.77	19.15	20.50		
		134	5670		16.36	15.88	19.14	20.50		
		142	5710		16.70	16.15	19.44	20.50		
	U-NII-3	151	5755		18.15	17.78	20.98	22.00		
		159	5795		18.13	17.89	21.02	22.00		
	802.11ac VHT80	U-NII-1	42		5210	MCS0	16.48	15.90	19.21	20.00
			58		5290		16.05	15.76	18.92	20.00
		U-NII-2C	106		5530		14.76	15.42	18.11	19.00
122			5610	16.68	15.81		19.28	20.50		
138			5690	16.74	16.10		19.44	20.50		
U-NII-3		155	5775	18.33	17.18		20.80	22.00		
802.11ac VHT160		U-NII-1 & U-NII-2A	50	5250	MCS0		13.70	14.16	16.95	17.50
	114		5570	13.16		13.58	16.39	17.50		



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	14.84	15.57	18.23	19.00
		40	5200		14.42	15.31	17.90	19.00
		44	5220		14.56	15.20	17.90	19.00
		48	5240		14.92	15.71	18.34	19.00
	U-NII-2A	52	5260		15.12	15.17	18.16	19.00
		56	5280		14.72	14.88	17.81	19.00
		60	5300		15.20	14.95	18.09	19.00
		64	5320		15.25	15.50	18.39	19.00
	U-NII-2C	100	5500		15.32	15.29	18.32	19.00
		104	5520		15.29	15.28	18.30	19.00
		108	5540		15.46	15.40	18.44	19.00
		112	5560		15.53	15.24	18.40	19.00
		116	5580		15.51	14.85	18.20	19.00
		120	5600		15.46	14.86	18.18	19.00
		124	5620		15.23	15.18	18.22	19.00
		128	5640		15.17	14.65	17.93	19.00
		132	5660		15.42	14.77	18.12	19.00
		136	5680		14.91	14.78	17.86	19.00
	U-NII-3	140	5700		14.79	14.31	17.57	19.00
		144	5720		15.07	15.12	18.11	19.00
		149	5745		18.14	18.73	21.46	22.50
		153	5765		18.00	18.79	21.42	22.50
		157	5785		18.42	18.93	21.69	22.50
		161	5805		18.84	19.00	21.93	22.50
165		5825	18.74	19.10	21.93	22.50		
Mode		5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
802.11ax HEW40	U-NII-1	38	5190	MCS0	16.44	16.66	19.56	20.50
		46	5230		16.26	16.61	19.45	20.50
	U-NII-2A	54	5270		16.72	16.58	19.66	20.50
		62	5310		16.63	16.59	19.62	20.50
	U-NII-2C	102	5510		16.77	16.57	19.68	20.50
		110	5550		16.86	16.86	19.87	20.50
		118	5590		16.40	15.91	19.17	20.50
		126	5630		16.23	15.86	19.06	20.50
		134	5670		16.24	15.86	19.06	20.50
		142	5710		16.74	15.99	19.39	20.50
	U-NII-3	151	5755		18.61	17.89	21.28	22.00
		159	5795		18.73	18.15	21.46	22.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	16.40	16.09	19.26	20.00
	U-NII-2A	58	5290		15.93	15.53	18.74	20.00
	U-NII-2C	106	5530		14.88	15.47	18.20	19.00
		122	5610		16.51	15.94	19.24	20.50
		138	5690		16.59	16.32	19.47	20.50
	U-NII-3	155	5775		18.39	17.55	21.00	22.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	13.73	14.17	16.97	17.50
	U-NII-2C	114	5570		13.37	13.75	16.57	17.50

WIFI 5G Ant 5 Hotspot							
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11a	U-NII-1	36	5180	6	8.96	10.00	9.50
		40	5200		8.80	10.00	9.50
		44	5220		9.06	10.00	9.50
		48	5240		9.44	10.00	9.50
	U-NII-2A	52	5260		17.07	18.50	17.00
		56	5280		17.17	18.50	17.00
		60	5300		17.09	18.50	17.00
		64	5320		17.23	18.50	17.00
	U-NII-2C	100	5500		17.49	18.50	16.00
		104	5520		17.73	18.50	16.00
		108	5540		18.03	18.50	16.00
		112	5560		18.20	18.50	16.00
		116	5580		18.05	18.50	16.00
		120	5600		18.04	18.50	16.00
		124	5620		17.76	18.50	16.00
		128	5640		18.00	18.50	16.00
		132	5660		17.90	18.50	16.00
		136	5680		17.51	18.50	16.00
	U-NII-3	140	5700		17.29	18.50	16.00
		144	5720		17.67	18.50	16.00
149		5745	12.05	13.00	12.50		



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11n- HT20	U-NII-1	153	5765	MCS0	11.73	13.00	12.50
		157	5785		11.83	13.00	11.50
		161	5805		12.11	13.00	12.50
		165	5825		12.52	13.00	12.50
	U-NII-2A	36	5180		10.44	11.50	10.00
		40	5200		9.68	11.50	10.00
		44	5220		10.04	11.50	10.00
		48	5240		10.41	11.50	10.00
		52	5260		18.21	19.00	17.00
		56	5280		17.61	19.00	17.00
		60	5300		18.20	19.00	17.00
		64	5320		18.05	19.00	17.00
	U-NII-2C	100	5500		18.16	19.00	17.00
		104	5520		18.19	19.00	17.00
		108	5540		18.40	19.00	17.00
		112	5560		18.44	19.00	17.00
116		5580	18.50	19.00	17.00		
120		5600	18.42	19.00	17.00		
124		5620	18.39	19.00	17.00		
128		5640	18.24	19.00	17.00		
132		5660	18.23	19.00	17.00		
136		5680	18.00	19.00	17.00		
U-NII-3	140	5700	17.78	19.00	17.00		
	144	5720	18.12	19.00	17.00		
	149	5745	11.48	13.00	12.50		
	153	5765	11.58	13.00	12.50		
	157	5785	11.82	13.00	12.50		
	161	5805	11.98	13.00	12.50		
802.11n- HT40	U-NII-1	38	5190	12.05	13.00	11.50	
		46	5230	12.13	13.00	11.50	
	U-NII-2A	54	5270	19.60	20.50	18.50	
		62	5310	19.79	20.50	18.50	



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		102	5510		20.00	20.50	18.50		
		110	5550		19.80	20.50	18.50		
		118	5590		19.45	20.50	18.50		
		126	5630		19.16	20.50	18.50		
		134	5670		19.18	20.50	18.50		
		142	5710		19.45	20.50	18.50		
		151	5755		11.99	12.50	11.50		
		159	5795		11.92	12.50	11.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting		
802.11ac VHT20	U-NII-1	36	5180	MCS0	10.46	11.50	10.00		
		40	5200		10.03	11.50	10.00		
		44	5220		10.08	11.50	10.00		
		48	5240		10.35	11.50	10.00		
	U-NII-2A	52	5260		17.89	19.00	17.00		
		56	5280		17.35	19.00	17.00		
		60	5300		17.92	19.00	17.00		
		64	5320		17.97	19.00	17.00		
	U-NII-2C	100	5500		18.16	19.00	17.00		
		104	5520		18.52	19.00	17.00		
		108	5540		18.38	19.00	17.00		
		112	5560		18.35	19.00	17.00		
		116	5580		18.24	19.00	17.00		
		120	5600		18.44	19.00	17.00		
		124	5620		18.17	19.00	17.00		
		128	5640		18.08	19.00	17.00		
		132	5660		18.14	19.00	17.00		
		136	5680		18.00	19.00	17.00		
		140	5700		17.85	19.00	17.00		
		144	5720		18.15	19.00	17.00		
	U-NII-3	149	5745		11.17	12.00	11.50		
		153	5765		10.84	12.00	11.50		
		157	5785		10.93	12.00	11.50		
		161	5805		10.97	12.00	11.50		
		165	5825		11.16	12.00	11.50		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting



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802.11ac VHT40	U-NII-1	38	5190	MCS0	11.81	13.00	11.50
		46	5230		11.79	13.00	11.50
	U-NII-2A	54	5270		19.50	20.50	18.50
		62	5310		19.55	20.50	18.50
	U-NII-2C	102	5510		20.00	20.50	18.50
		110	5550		19.60	20.50	18.50
		118	5590		19.23	20.50	18.50
		126	5630		19.50	20.50	18.50
		134	5670		19.37	20.50	18.50
		142	5710		19.52	20.50	18.50
	U-NII-3	151	5755		11.81	12.50	11.50
		159	5795		11.80	12.50	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ac VHT80	U-NII-1	42	5210	MCS0	11.94	12.50	12.50
	U-NII-2A	58	5290		19.13	20.00	18.00
	U-NII-2C	106	5530		17.75	19.00	18.00
		122	5610		19.57	20.50	19.00
		138	5690		19.81	20.50	19.00
	U-NII-3	155	5775		11.93	12.50	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.12	10.00	9.50
	U-NII-2C	114	5570		16.19	17.50	16.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ax HEW20	U-NII-1	36	5180	MCS0	10.37	11.50	10.00
		40	5200		10.00	11.50	10.00
		44	5220		10.23	11.50	10.00
		48	5240		10.57	11.50	10.00
	U-NII-2A	52	5260		18.19	19.00	17.00
		56	5280		17.66	19.00	17.00
		60	5300		18.14	19.00	17.00
		64	5320		18.32	19.00	17.00
	U-NII-2C	100	5500		18.36	19.00	17.00
		104	5520		18.34	19.00	17.00



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		108	5540		18.57	19.00	17.00
		112	5560		18.63	19.00	17.00
		116	5580		18.58	19.00	17.00
		120	5600		18.39	19.00	17.00
		124	5620		18.12	19.00	17.00
		128	5640		18.27	19.00	17.00
		132	5660		18.27	19.00	17.00
		136	5680		17.97	19.00	17.00
		140	5700		17.91	19.00	17.00
		144	5720		18.13	19.00	17.00
	U-NII-3	149	5745		11.53	13.00	12.50
		153	5765		11.73	13.00	12.50
		157	5785		12.10	13.00	12.50
		161	5805		12.30	13.00	12.50
		165	5825		12.20	13.00	12.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ax HEW40	U-NII-1	38	5190	MCS0	11.83	13.00	11.50
		46	5230		12.03	13.00	11.50
	U-NII-2A	54	5270		19.77	20.50	18.50
		62	5310		19.80	20.50	18.50
	U-NII-2C	102	5510		20.05	20.50	18.50
		110	5550		19.81	20.50	18.50
		118	5590		19.64	20.50	18.50
		126	5630		19.33	20.50	18.50
		134	5670		19.37	20.50	18.50
	U-NII-3	142	5710		19.71	20.50	18.50
		151	5755		11.98	12.50	11.50
		159	5795	12.03	12.50	11.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ax HEW80	U-NII-1	42	5210	MCS0	12.00	12.50	12.50
	U-NII-2A	58	5290		19.04	20.00	18.00
	U-NII-2C	106	5530		17.76	19.00	18.00
		122	5610		19.79	20.50	19.00
		138	5690		19.55	20.50	19.00
	U-NII-3	155	5775		11.99	12.50	11.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.16	10.00	9.50
	U-NII-2C	114	5570		16.30	17.50	16.00

WIFI 5G Ant 4 Hotspot									
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting		
802.11a	U-NII-1	36	5180	6	10.10	11.00	9.50		
		40	5200		9.98	11.00	9.50		
		44	5220		9.99	11.00	9.50		
		48	5240		10.70	11.00	9.50		
	U-NII-2A	52	5260		17.43	18.50	17.00		
		56	5280		17.83	18.50	17.00		
		60	5300		17.69	18.50	17.00		
		64	5320		17.50	18.50	17.00		
	U-NII-2C	100	5500		17.06	18.50	16.00		
		104	5520		17.32	18.50	16.00		
		108	5540		16.93	18.50	16.00		
		112	5560		17.20	18.50	16.00		
		116	5580		16.89	18.50	16.00		
		120	5600		17.23	18.50	16.00		
		124	5620		16.77	18.50	16.00		
		128	5640		16.73	18.50	16.00		
		132	5660		16.55	18.50	16.00		
		136	5680		16.83	18.50	16.00		
	U-NII-3	140	5700		16.58	18.50	16.00		
		144	5720		17.75	18.50	16.00		
		149	5745		12.31	13.00	12.50		
		153	5765		12.38	13.00	12.50		
		157	5785		12.48	13.00	11.50		
			161		5805	12.25	13.00	12.50	
			165		5825	12.64	13.00	12.50	
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting



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802.11n- HT20	U-NII-1	36	5180	MCS0	11.07	11.50	10.00	
		40	5200		10.92	11.50	10.00	
		44	5220		10.79	11.50	10.00	
		48	5240		11.08	11.50	10.00	
	U-NII-2A	52	5260		17.89	19.00	17.00	
		56	5280		17.79	19.00	17.00	
		60	5300		17.96	19.00	17.00	
		64	5320		18.17	19.00	17.00	
	U-NII-2C	100	5500		18.43	19.00	17.00	
		104	5520		18.29	19.00	17.00	
		108	5540		18.27	19.00	17.00	
		112	5560		18.06	19.00	17.00	
		116	5580		17.79	19.00	17.00	
		120	5600		17.88	19.00	17.00	
		124	5620		17.98	19.00	17.00	
		128	5640		17.59	19.00	17.00	
		132	5660		17.72	19.00	17.00	
		136	5680		17.46	19.00	17.00	
	U-NII-3	140	5700		17.13	19.00	17.00	
		144	5720		17.91	19.00	17.00	
149		5745	12.08	13.00	12.50			
153		5765	12.22	13.00	12.50			
157		5785	12.20	13.00	12.50			
		161	5805	12.20	13.00	12.50		
		165	5825	12.37	13.00	12.50		
	Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
	802.11n- HT40	U-NII-1	38	5190	MCS0	12.23	13.00	11.50
			46	5230		12.38	13.00	11.50
U-NII-2A		54	5270	19.18		20.50	18.50	
		62	5310	19.42		20.50	18.50	
U-NII-2C		102	5510	19.54		20.50	18.50	
		110	5550	19.52		20.50	18.50	
		118	5590	18.91		20.50	18.50	
		126	5630	18.65		20.50	18.50	
		134	5670	19.00		20.50	18.50	
		142	5710	18.95		20.50	18.50	



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting		
	U-NII-3	151	5755		11.52	12.50	11.50		
		159	5795		11.64	12.50	11.50		
802.11ac VHT20	U-NII-1	36	5180	MCS0	11.13	11.50	10.00		
		40	5200		10.71	11.50	10.00		
		44	5220		10.85	11.50	10.00		
		48	5240		10.97	11.50	10.00		
	U-NII-2A	52	5260		17.97	19.00	17.00		
		56	5280		17.91	19.00	17.00		
		60	5300		17.85	19.00	17.00		
		64	5320		18.45	19.00	17.00		
	U-NII-2C	100	5500		18.28	19.00	17.00		
		104	5520		18.38	19.00	17.00		
		108	5540		18.27	19.00	17.00		
		112	5560		18.20	19.00	17.00		
		116	5580		17.70	19.00	17.00		
		120	5600		17.84	19.00	17.00		
		124	5620		17.86	19.00	17.00		
		128	5640		17.45	19.00	17.00		
		132	5660		17.62	19.00	17.00		
		136	5680		17.51	19.00	17.00		
	U-NII-3	140	5700		17.22	19.00	17.00		
		144	5720		17.85	19.00	17.00		
		149	5745		11.35	12.00	11.50		
		153	5765		11.55	12.00	11.50		
		157	5785		11.55	12.00	11.50		
		U-NII-3	161		5805	11.71	12.00	11.50	
			165		5825	11.52	12.00	11.50	
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
	802.11ac VHT40	U-NII-1	38		5190	MCS0	11.96	13.00	11.50
46			5230	12.06	13.00		11.50		
U-NII-2A		54	5270	19.32	20.50		18.50		
		62	5310	19.29	20.50		18.50		
U-NII-2C		102	5510	19.47	20.50		18.50		
		110	5550	19.66	20.50		18.50		



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		118	5590		18.79	20.50	18.50
		126	5630		18.66	20.50	18.50
		134	5670		19.01	20.50	18.50
		142	5710		19.10	20.50	18.50
	U-NII-3	151	5755		11.23	12.50	11.50
		159	5795		11.66	12.50	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ac VHT80	U-NII-1	42	5210	MCS0	11.50	12.50	12.50
	U-NII-2A	58	5290		18.56	20.00	18.00
	U-NII-2C	106	5530		18.53	19.00	18.00
		122	5610		19.01	20.50	19.00
		138	5690		19.14	20.50	19.00
	U-NII-3	155	5775		10.84	12.50	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.68	10.00	9.50
	U-NII-2C	114	5570		16.54	17.50	16.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ax HEW20	U-NII-1	36	5180	MCS0	11.07	11.50	10.00
		40	5200		10.83	11.50	10.00
		44	5220		10.83	11.50	10.00
		48	5240		11.16	11.50	10.00
	U-NII-2A	52	5260		18.14	19.00	17.00
		56	5280		17.92	19.00	17.00
		60	5300		18.02	19.00	17.00
		64	5320		18.43	19.00	17.00
	U-NII-2C	100	5500		18.51	19.00	17.00
		104	5520		18.23	19.00	17.00
		108	5540		18.57	19.00	17.00
		112	5560		18.12	19.00	17.00
		116	5580		17.77	19.00	17.00
		120	5600		18.02	19.00	17.00
		124	5620		18.18	19.00	17.00
		128	5640		17.45	19.00	17.00



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		132	5660		17.75	19.00	17.00
		136	5680		17.61	19.00	17.00
		140	5700		17.36	19.00	17.00
		144	5720		18.08	19.00	17.00
	U-NII-3	149	5745		12.16	13.00	12.50
		153	5765		12.18	13.00	12.50
		157	5785		12.28	13.00	12.50
		161	5805		12.39	13.00	12.50
		165	5825		12.31	13.00	12.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ax HEW40	U-NII-1	38	5190	MCS0	12.21	13.00	11.50
		46	5230		12.14	13.00	11.50
	U-NII-2A	54	5270		19.32	20.50	18.50
		62	5310		19.72	20.50	18.50
	U-NII-2C	102	5510		19.78	20.50	18.50
		110	5550		19.81	20.50	18.50
		118	5590		18.76	20.50	18.50
		126	5630		18.74	20.50	18.50
	U-NII-3	134	5670		18.87	20.50	18.50
		142	5710		18.96	20.50	18.50
151		5755	11.42	12.50	11.50		
		159	5795	11.63	12.50	11.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ax HEW80	U-NII-1	42	5210	MCS0	11.63	12.50	12.50
	U-NII-2A	58	5290		18.72	20.00	18.00
		106	5530		18.65	19.00	18.00
	U-NII-2C	122	5610		19.20	20.50	19.00
		138	5690		19.15	20.50	19.00
	U-NII-3	155	5775		11.10	12.50	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.77	10.00	9.50
	U-NII-2C	114	5570		16.88	17.50	16.00



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WIFI 5G MIMO Hotspot									
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	Power setting
802.11a	U-NII-1	36	5180	6	8.96	10.10	12.58	13.50	9.50
		40	5200		8.80	9.98	12.44	13.50	9.50
		44	5220		9.06	9.99	12.56	13.50	9.50
		48	5240		9.44	10.70	13.13	13.50	9.50
	U-NII-2A	52	5260		17.07	17.43	20.26	21.50	17.00
		56	5280		17.17	17.83	20.52	21.50	17.00
		60	5300		17.09	17.69	20.41	21.50	17.00
		64	5320		17.23	17.50	20.38	21.50	17.00
	U-NII-2C	100	5500		17.49	17.06	20.29	21.50	16.00
		104	5520		17.73	17.32	20.54	21.50	16.00
		108	5540		18.03	16.93	20.53	21.50	16.00
		112	5560		18.20	17.20	20.74	21.50	16.00
		116	5580		18.05	16.89	20.52	21.50	16.00
		120	5600		18.04	17.23	20.66	21.50	16.00
		124	5620		17.76	16.77	20.30	21.50	16.00
		128	5640		18.00	16.73	20.42	21.50	16.00
	U-NII-3	132	5660		17.90	16.55	20.29	21.50	16.00
		136	5680		17.51	16.83	20.19	21.50	16.00
		140	5700		17.29	16.58	19.96	21.50	16.00
		144	5720		17.67	17.75	20.72	21.50	16.00
149		5745	12.05	12.31	15.19	16.00	12.50		
153		5765	11.73	12.38	15.08	16.00	12.50		
U-NII-3	157	5785	11.83	12.48	15.18	16.00	11.50		
	161	5805	12.11	12.25	15.19	16.00	12.50		
	165	5825	12.52	12.64	15.59	16.00	12.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	Power setting
802.11n-HT20	U-NII-1	36	5180	MCS0	10.44	11.07	13.78	14.50	10.00
		40	5200		9.68	10.92	13.35	14.50	10.00
		44	5220		10.04	10.79	13.44	14.50	10.00
		48	5240		10.41	11.08	13.77	14.50	10.00
	U-NII-2A	52	5260		18.21	17.89	21.06	22.00	17.00
		56	5280		17.61	17.79	20.71	22.00	17.00



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		60	5300		18.20	17.96	21.09	22.00	17.00
		64	5320		18.05	18.17	21.12	22.00	17.00
	U-NII-2C	100	5500		18.16	18.43	21.31	22.00	17.00
		104	5520		18.19	18.29	21.25	22.00	17.00
		108	5540		18.40	18.27	21.35	22.00	17.00
		112	5560		18.44	18.06	21.26	22.00	17.00
		116	5580		18.50	17.79	21.17	22.00	17.00
		120	5600		18.42	17.88	21.17	22.00	17.00
		124	5620		18.39	17.98	21.20	22.00	17.00
		128	5640		18.24	17.59	20.94	22.00	17.00
		132	5660		18.23	17.72	20.99	22.00	17.00
		136	5680		18.00	17.46	20.75	22.00	17.00
		140	5700		17.78	17.13	20.48	22.00	17.00
		U-NII-3	144	5720		18.12	17.91	21.03	22.00
	149		5745		11.48	12.08	14.80	16.00	12.50
	153		5765		11.58	12.22	14.92	16.00	12.50
	157		5785		11.82	12.20	15.02	16.00	12.50
	161		5805		11.98	12.20	15.10	16.00	12.50
		165	5825		12.15	12.37	15.27	16.00	12.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	Power setting
802.11n-HT40	U-NII-1	38	5190	MCS0	12.05	12.23	15.15	16.00	11.50
		46	5230		12.13	12.38	15.27	16.00	11.50
	U-NII-2A	54	5270		19.60	19.18	22.41	23.50	18.50
		62	5310		19.79	19.42	22.62	23.50	18.50
	U-NII-2C	102	5510		20.00	19.54	22.79	23.50	18.50
		110	5550		19.80	19.52	22.67	23.50	18.50
		118	5590		19.45	18.91	22.20	23.50	18.50
		126	5630		19.16	18.65	21.92	23.50	18.50
		134	5670		19.18	19.00	22.10	23.50	18.50
		142	5710		19.45	18.95	22.22	23.50	18.50
	U-NII-3	151	5755		11.99	11.52	14.77	15.50	11.50
		159	5795		11.92	11.64	14.79	15.50	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	Power setting
802.11ac VHT20	U-NII-1	36	5180	MCS0	10.46	11.13	13.82	14.50	10.00
		40	5200		10.03	10.71	13.39	14.50	10.00



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		44	5220		10.08	10.85	13.49	14.50	10.00
		48	5240		10.35	10.97	13.68	14.50	10.00
	U-NII-2A	52	5260		17.89	17.97	20.94	22.00	17.00
		56	5280		17.35	17.91	20.65	22.00	17.00
		60	5300		17.92	17.85	20.90	22.00	17.00
		64	5320		17.97	18.45	21.23	22.00	17.00
		100	5500		18.16	18.28	21.23	22.00	17.00
	U-NII-2C	104	5520		18.52	18.38	21.46	22.00	17.00
		108	5540		18.38	18.27	21.34	22.00	17.00
		112	5560		18.35	18.20	21.29	22.00	17.00
		116	5580		18.24	17.70	20.99	22.00	17.00
		120	5600		18.44	17.84	21.16	22.00	17.00
		124	5620		18.17	17.86	21.03	22.00	17.00
		128	5640		18.08	17.45	20.79	22.00	17.00
		132	5660		18.14	17.62	20.90	22.00	17.00
		136	5680		18.00	17.51	20.77	22.00	17.00
		140	5700		17.85	17.22	20.56	22.00	17.00
	U-NII-3	144	5720		18.15	17.85	21.01	22.00	17.00
		149	5745		11.17	11.35	14.27	15.00	11.50
		153	5765		10.84	11.55	14.22	15.00	11.50
		157	5785		10.93	11.55	14.26	15.00	11.50
		161	5805		10.97	11.71	14.37	15.00	11.50
		165	5825		11.16	11.52	14.35	15.00	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	Power setting
802.11ac VHT40	U-NII-1	38	5190	MCS0	11.81	11.96	14.90	16.00	11.50
		46	5230		11.79	12.06	14.94	16.00	11.50
	U-NII-2A	54	5270		19.50	19.32	22.42	23.50	18.50
		62	5310		19.55	19.29	22.43	23.50	18.50
	U-NII-2C	102	5510		20.00	19.47	22.75	23.50	18.50
		110	5550		19.60	19.66	22.64	23.50	18.50
		118	5590		19.23	18.79	22.03	23.50	18.50
		126	5630		19.50	18.66	22.11	23.50	18.50
		134	5670		19.37	19.01	22.20	23.50	18.50
		142	5710		19.52	19.10	22.33	23.50	18.50
	U-NII-3	151	5755		11.81	11.23	14.54	15.50	11.50
		159	5795		11.80	11.66	14.74	15.50	11.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	Power setting
802.11ac VHT80	U-NII-1	42	5210	MCS0	11.94	11.50	14.74	15.50	12.50
	U-NII-2A	58	5290		19.13	18.56	21.86	23.00	18.00
	U-NII-2C	106	5530		17.75	18.53	21.17	22.00	18.00
		122	5610		19.57	19.01	22.31	23.50	19.00
	138	5690	19.81		19.14	22.50	23.50	19.00	
	U-NII-3	155	5775		11.93	10.84	14.43	15.50	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	Power setting
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.12	9.68	12.42	13.00	9.50
	U-NII-2C	114	5570		16.19	16.54	19.38	20.50	16.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	Power setting
802.11ax HEW20	U-NII-1	36	5180	MCS0	10.37	11.07	13.74	14.50	10.00
		40	5200		10.00	10.83	13.45	14.50	10.00
		44	5220		10.23	10.83	13.55	14.50	10.00
		48	5240		10.57	11.16	13.89	14.50	10.00
	U-NII-2A	52	5260		18.19	18.14	21.18	22.00	17.00
		56	5280		17.66	17.92	20.80	22.00	17.00
		60	5300		18.14	18.02	21.09	22.00	17.00
		64	5320		18.32	18.43	21.39	22.00	17.00
	U-NII-2C	100	5500		18.36	18.51	21.45	22.00	17.00
		104	5520		18.34	18.23	21.30	22.00	17.00
		108	5540		18.57	18.57	21.58	22.00	17.00
		112	5560		18.63	18.12	21.39	22.00	17.00
		116	5580		18.58	17.77	21.20	22.00	17.00
		120	5600		18.39	18.02	21.22	22.00	17.00
		124	5620		18.12	18.18	21.16	22.00	17.00
		128	5640		18.27	17.45	20.89	22.00	17.00
		132	5660		18.27	17.75	21.03	22.00	17.00
		136	5680		17.97	17.61	20.80	22.00	17.00
		140	5700		17.91	17.36	20.65	22.00	17.00
		144	5720		18.13	18.08	21.12	22.00	17.00
U-NII-3	149	5745	11.53	12.16	14.87	16.00	12.50		



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	Power setting		
		153	5765		11.73	12.18	14.97	16.00	12.50		
		157	5785		12.10	12.28	15.20	16.00	12.50		
		161	5805		12.30	12.39	15.36	16.00	12.50		
		165	5825		12.20	12.31	15.27	16.00	12.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	Power setting		
802.11ax HEW40	U-NII-1	38	5190	MCS0	11.83	12.21	15.03	16.00	11.50		
		46	5230		12.03	12.14	15.10	16.00	11.50		
	U-NII-2A	54	5270		19.77	19.32	22.56	23.50	18.50		
		62	5310		19.80	19.72	22.77	23.50	18.50		
	U-NII-2C	102	5510		20.05	19.78	22.93	23.50	18.50		
		110	5550		19.81	19.81	22.82	23.50	18.50		
		118	5590		19.64	18.76	22.23	23.50	18.50		
		126	5630		19.33	18.74	22.06	23.50	18.50		
		134	5670		19.37	18.87	22.14	23.50	18.50		
		142	5710		19.71	18.96	22.36	23.50	18.50		
	U-NII-3	151	5755		11.98	11.42	14.72	15.50	11.50		
		159	5795		12.03	11.63	14.84	15.50	11.50		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	Power setting
	802.11ax HEW80	U-NII-1	42		5210	MCS0	12.00	11.63	14.83	15.50	12.50
58			5290	19.04	18.72		21.89	23.00	18.00		
U-NII-2C		106	5530	17.76	18.65		21.24	22.00	18.00		
		122	5610	19.79	19.20		22.52	23.50	19.00		
U-NII-3		138	5690	19.55	19.15		22.36	23.50	19.00		
		155	5775	11.99	11.10		14.58	15.50	11.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	Power setting		
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.16	9.77	12.49	13.00	9.50		
		U-NII-2C	114		5570	16.30	16.88	19.61	20.50	16.00	

WIFI 5G Ant 5 Head Non-DBS						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	4.83	6.00



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		40	5200		4.94	6.00
		44	5220		5.15	6.00
		48	5240		5.31	6.00
	U-NII-2A	52	5260		5.36	7.00
		56	5280		5.78	7.00
		60	5300		5.77	7.00
		64	5320		5.58	7.00
	U-NII-2C	100	5500		7.37	8.50
		104	5520		7.83	8.50
		108	5540		7.73	8.50
		112	5560		8.08	8.50
		116	5580		8.17	8.50
		120	5600		8.22	8.50
		124	5620		8.01	8.50
		128	5640		7.83	8.50
		132	5660		7.82	8.50
		136	5680		7.45	8.50
	U-NII-3	140	5700		7.33	8.50
		144	5720		7.42	8.50
		149	5745		7.39	8.50
		153	5765		7.41	8.50
		157	5785		7.38	8.50
		161	5805		7.57	8.50
		165	5825		8.24	8.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	6.31	7.50
		40	5200		5.92	7.50
		44	5220		5.85	7.50
		48	5240		6.55	7.50
	U-NII-2A	52	5260		6.69	7.50
		56	5280		6.13	7.50
		60	5300		6.68	7.50
		64	5320		6.44	7.50
	U-NII-2C	100	5500		8.35	9.00
		104	5520		8.20	9.00
		108	5540		8.40	9.00
		112	5560		8.44	9.00
		116	5580		8.70	9.00
		120	5600		8.41	9.00
		124	5620		8.20	9.00
		128	5640		8.09	9.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11n-HT40	U-NII-1	132	5660	MCS0	8.16	9.00	
		136	5680		7.99	9.00	
		140	5700		7.97	9.00	
		144	5720		8.19	9.00	
		U-NII-3	149		5745	6.89	8.50
			153		5765	7.13	8.50
	157		5785		7.27	8.50	
	161		5805		7.67	8.50	
	165		5825		7.56	8.50	
	U-NII-2A		54		5270	8.18	9.00
	U-NII-2C	62	5310		8.18	9.00	
		102	5510		10.08	10.50	
110		5550	9.76	10.50			
118		5590	9.56	10.50			
126		5630	9.34	10.50			
134		5670	9.45	10.50			
U-NII-3	142	5710	9.58	10.50			
	151	5755	7.24	8.00			
	159	5795	7.32	8.00			
U-NII-2A	60	5300	7.58	8.50			
802.11ac VHT20	U-NII-1	36	5180	MCS0	6.36	7.50	
		40	5200		5.99	7.50	
		44	5220		6.00	7.50	
		48	5240		6.30	7.50	
	U-NII-2A	52	5260		7.70	8.50	
		56	5280		6.94	8.50	
		64	5320		7.56	8.50	
		U-NII-2C	100		5500	8.21	9.00
	104		5520		8.22	9.00	
	108		5540		8.66	9.00	
	112		5560		8.55	9.00	
	116		5580		8.37	9.00	
120	5600		8.25	9.00			
124	5620		8.27	9.00			
128	5640		8.16	9.00			
132	5660	7.97	9.00				



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		136	5680		8.01	9.00
		140	5700		7.70	9.00
		144	5720		8.09	9.00
	U-NII-3	149	5745		6.59	7.50
		153	5765		6.53	7.50
		157	5785		6.22	7.50
		161	5805		6.72	7.50
		165	5825		6.56	7.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	7.85	9.00
		46	5230		8.03	9.00
	U-NII-2A	54	5270		8.06	9.00
		62	5310		8.13	9.00
	U-NII-2C	102	5510		9.98	10.50
		110	5550		9.84	10.50
		118	5590		9.25	10.50
		126	5630		9.27	10.50
		134	5670		9.37	10.50
	U-NII-3	142	5710		9.51	10.50
		151	5755		7.35	8.00
			159		5795	7.32
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	7.69	8.50
	U-NII-2A	58	5290		7.55	8.50
	U-NII-2C	106	5530		7.91	9.00
		122	5610		9.78	10.50
		138	5690		9.80	10.50
	U-NII-3	155	5775		7.26	8.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	5.04	6.00
	U-NII-2C	114	5570		6.21	7.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	6.49	7.50
		40	5200		5.85	7.50
		44	5220		6.06	7.50
		48	5240		6.54	7.50
	U-NII-2A	52	5260		6.71	7.50
		56	5280		6.23	7.50



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		60	5300		6.61	7.50
		64	5320		6.84	7.50
	U-NII-2C	100	5500		8.29	9.00
		104	5520		8.24	9.00
		108	5540		8.68	9.00
		112	5560		8.40	9.00
		116	5580		8.61	9.00
		120	5600		8.32	9.00
		124	5620		8.17	9.00
		128	5640		8.27	9.00
		132	5660		8.22	9.00
		136	5680		7.97	9.00
		140	5700		7.86	9.00
		144	5720		8.16	9.00
	U-NII-3	149	5745		7.06	8.50
		153	5765		7.09	8.50
		157	5785		7.45	8.50
		161	5805		7.88	8.50
		165	5825		7.64	8.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	8.07	9.00
		46	5230		7.99	9.00
	U-NII-2A	54	5270		8.06	9.00
		62	5310		8.29	9.00
	U-NII-2C	102	5510		9.93	10.50
		110	5550		9.95	10.50
		118	5590		9.41	10.50
		126	5630		9.22	10.50
		134	5670		9.43	10.50
		142	5710		9.78	10.50
	U-NII-3	151	5755		7.47	8.00
		159	5795		7.79	8.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	7.96	8.50
	U-NII-2A	58	5290		7.48	8.50
	U-NII-2C	106	5530		7.87	9.00
		122	5610		9.66	10.50
		138	5690		9.84	10.50
	U-NII-3	155	5775		7.39	8.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	5.15	6.00
	U-NII-2C	114	5570		6.42	7.50

WIFI 5G Ant 4 Head Non-DBS								
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11a	U-NII-1	36	5180	6	6.18	7.00		
		40	5200		5.83	7.00		
		44	5220		5.85	7.00		
		48	5240		6.75	7.00		
	U-NII-2A	52	5260		5.98	7.00		
		56	5280		6.37	7.00		
		60	5300		6.10	7.00		
		64	5320		6.15	7.00		
	U-NII-2C	100	5500		6.83	8.50		
		104	5520		7.42	8.50		
		108	5540		7.17	8.50		
		112	5560		7.07	8.50		
		116	5580		6.91	8.50		
		120	5600		7.26	8.50		
		124	5620		6.94	8.50		
		128	5640		6.77	8.50		
		132	5660		6.76	8.50		
		136	5680		6.95	8.50		
	U-NII-3	140	5700		6.60	8.50		
		144	5720		7.78	8.50		
		149	5745		7.91	8.50		
		153	5765		7.89	8.50		
		157	5785		7.97	8.50		
		161	5805		7.68	8.50		
			165		5825	8.06	8.50	
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11n-HT20	U-NII-1	36		5180	MCS0	7.31	7.50
40			5200	6.85	7.50			
44			5220	6.82	7.50			
48			5240	6.89	7.50			
U-NII-2A		52	5260	6.64	7.50			
		56	5280	6.30	7.50			



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		60	5300		6.41	7.50
		64	5320		6.98	7.50
	U-NII-2C	100	5500		8.37	9.00
		104	5520		8.39	9.00
		108	5540		8.27	9.00
		112	5560		8.25	9.00
		116	5580		7.81	9.00
		120	5600		8.08	9.00
		124	5620		7.98	9.00
		128	5640		7.64	9.00
		132	5660		7.63	9.00
		136	5680		7.49	9.00
		140	5700		7.20	9.00
		144	5720		7.70	9.00
	U-NII-3	149	5745		7.79	8.50
		153	5765		7.63	8.50
		157	5785		7.59	8.50
		161	5805		7.76	8.50
		165	5825		8.00	8.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	8.38	9.00
		46	5230		8.26	9.00
	U-NII-2A	54	5270		7.78	9.00
		62	5310		7.65	9.00
	U-NII-2C	102	5510		9.66	10.50
		110	5550		9.75	10.50
		118	5590		8.89	10.50
		126	5630		8.83	10.50
		134	5670		9.00	10.50
		142	5710		9.01	10.50
	U-NII-3	151	5755		6.98	8.00
		159	5795		7.12	8.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	7.08	7.50
		40	5200		6.84	7.50
		44	5220		6.82	7.50
		48	5240		6.87	7.50
	U-NII-2A	52	5260		7.64	8.50
		56	5280		7.23	8.50
		60	5300		7.70	8.50



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		64	5320		7.84	8.50		
	U-NII-2C	100	5500		8.29	9.00		
		104	5520		8.28	9.00		
		108	5540		8.53	9.00		
		112	5560		7.98	9.00		
		116	5580		7.65	9.00		
		120	5600		7.96	9.00		
		124	5620		8.02	9.00		
		128	5640		7.61	9.00		
		132	5660		7.72	9.00		
		136	5680		7.51	9.00		
		140	5700		7.37	9.00		
		144	5720		7.63	9.00		
		U-NII-3	149	5745		6.72	7.50	
			153	5765		6.94	7.50	
	157		5785		6.99	7.50		
	161		5805		7.24	7.50		
	165		5825		6.88	7.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ac VHT40	U-NII-1	38	5190	MCS0	8.06	9.00		
		46	5230		8.28	9.00		
	U-NII-2A	54	5270		7.75	9.00		
		62	5310		7.83	9.00		
		U-NII-2C	102		5510	9.56	10.50	
			110		5550	9.55	10.50	
			118		5590	8.83	10.50	
			126		5630	8.67	10.50	
	U-NII-3	134	5670		8.96	10.50		
		142	5710		8.96	10.50		
		151	5755		7.03	8.00		
		159	5795		7.03	8.00		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ac VHT80	U-NII-1	42		5210	MCS0	7.49	8.50
U-NII-2A		58	5290	7.22	8.50			
U-NII-2C		106	5530	8.71	9.00			
		122	5610	8.93	10.50			
		138	5690	9.34	10.50			
U-NII-3		155	5775	6.53	8.00			
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		



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802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	5.50	6.00		
	U-NII-2C	114	5570		6.77	7.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ax HEW20	U-NII-1	36	5180	MCS0	7.34	7.50		
		40	5200		7.08	7.50		
		44	5220		6.89	7.50		
		48	5240		7.22	7.50		
	U-NII-2A	52	5260		6.64	7.50		
		56	5280		6.36	7.50		
		60	5300		6.55	7.50		
		64	5320		7.06	7.50		
	U-NII-2C	100	5500		8.45	9.00		
		104	5520		8.24	9.00		
		108	5540		8.30	9.00		
		112	5560		8.06	9.00		
		116	5580		7.78	9.00		
		120	5600		7.92	9.00		
		124	5620		7.94	9.00		
		128	5640		7.64	9.00		
		132	5660		7.65	9.00		
		136	5680		7.47	9.00		
		140	5700		7.32	9.00		
		144	5720		8.09	9.00		
	U-NII-3	149	5745		7.62	8.50		
		153	5765		7.69	8.50		
		157	5785		7.83	8.50		
		161	5805		7.89	8.50		
			165		5825	7.90	8.50	
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ax HEW40	U-NII-1	38		5190	MCS0	8.43	9.00
			46		5230		8.14	9.00
U-NII-2A		54	5270	7.88	9.00			
		62	5310	8.22	9.00			
U-NII-2C		102	5510	9.76	10.50			
		110	5550	9.71	10.50			
		118	5590	8.82	10.50			
		126	5630	8.80	10.50			
		134	5670	8.68	10.50			
		142	5710	9.13	10.50			



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	U-NII-3	151	5755		6.97	8.00
		159	5795		7.14	8.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	7.73	8.50
	U-NII-2A	58	5290		7.11	8.50
	U-NII-2C	106	5530		8.76	9.00
		122	5610		8.87	10.50
		138	5690		9.17	10.50
	U-NII-3	155	5775		6.60	8.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	5.72	6.00
	U-NII-2C	114	5570		6.91	7.50

WIFI 5G MIMO Head Non-DBS									
Mode	5GHz	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	4.83	6.18	8.57	9.50	
		40	5200		4.94	5.83	8.42	9.50	
		44	5220		5.15	5.85	8.52	9.50	
		48	5240		5.31	6.75	9.10	9.50	
	U-NII-2A	52	5260		5.36	5.98	8.69	10.00	
		56	5280		5.78	6.37	9.10	10.00	
		60	5300		5.77	6.10	8.95	10.00	
		64	5320		5.58	6.15	8.88	10.00	
		U-NII-2C	100		5500	7.37	6.83	10.12	11.50
			104		5520	7.83	7.42	10.64	11.50
	108		5540		7.73	7.17	10.47	11.50	
	112		5560		8.08	7.07	10.61	11.50	
	116		5580		8.17	6.91	10.60	11.50	
	120		5600		8.22	7.26	10.78	11.50	
	124		5620		8.01	6.94	10.52	11.50	
	128		5640		7.83	6.77	10.34	11.50	
	132		5660		7.82	6.76	10.33	11.50	
	136		5680		7.45	6.95	10.22	11.50	
	U-NII-3	140	5700		7.33	6.60	9.99	11.50	
		144	5720		7.42	7.78	10.61	11.50	
		149	5745		7.39	7.91	10.67	11.50	
		153	5765		7.41	7.89	10.67	11.50	



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11n- HT20	U-NII-1	157	5785	MCS0	7.38	7.97	10.70	11.50	
		161	5805		7.57	7.68	10.64	11.50	
		U-NII-2A	165		5825	8.24	8.06	11.16	11.50
			36		5180	6.31	7.31	9.85	10.50
	40		5200		5.92	6.85	9.42	10.50	
	44		5220		5.85	6.82	9.37	10.50	
	48		5240		6.55	6.89	9.73	10.50	
	52		5260		6.69	6.64	9.68	10.50	
	56		5280		6.13	6.30	9.23	10.50	
	60		5300		6.68	6.41	9.56	10.50	
	64		5320		6.44	6.98	9.73	10.50	
	U-NII-2C		100		5500	8.35	8.37	11.37	12.00
			104		5520	8.20	8.39	11.31	12.00
			108		5540	8.40	8.27	11.35	12.00
			112		5560	8.44	8.25	11.36	12.00
			116		5580	8.70	7.81	11.29	12.00
			120		5600	8.41	8.08	11.26	12.00
			124		5620	8.20	7.98	11.10	12.00
		128	5640		8.09	7.64	10.88	12.00	
	U-NII-3	132	5660		8.16	7.63	10.91	12.00	
136		5680	7.99	7.49	10.76	12.00			
140		5700	7.97	7.20	10.61	12.00			
144		5720	8.19	7.70	10.96	12.00			
149		5745	6.89	7.79	10.37	11.50			
153		5765	7.13	7.63	10.40	11.50			
157		5785	7.27	7.59	10.44	11.50			
802.11n- HT40	U-NII-1	161	5805	7.67	7.76	10.73	11.50		
		165	5825	7.56	8.00	10.80	11.50		
802.11n- HT40	U-NII-1	38	5190	7.87	8.38	11.14	12.00		
		46	5230	7.90	8.26	11.09	12.00		
	U-NII-2A	54	5270	8.18	7.78	10.99	12.00		
		62	5310	8.18	7.65	10.93	12.00		
	U-NII-2C	102	5510	10.08	9.66	12.89	13.50		
		110	5550	9.76	9.75	12.77	13.50		
		118	5590	9.56	8.89	12.25	13.50		
		126	5630	9.34	8.83	12.10	13.50		
		134	5670	9.45	9.00	12.24	13.50		



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-3	142	5710	MCS0	9.58	9.01	12.31	13.50
		151	5755		7.24	6.98	10.12	11.00
		159	5795		7.32	7.12	10.23	11.00
	U-NII-1	36	5180		6.36	7.08	9.75	10.50
		40	5200		5.99	6.84	9.45	10.50
		44	5220		6.00	6.82	9.44	10.50
		48	5240		6.30	6.87	9.60	10.50
	U-NII-2A	52	5260		7.70	7.64	10.68	11.50
		56	5280		6.94	7.23	10.10	11.50
		60	5300		7.58	7.70	10.65	11.50
		64	5320		7.56	7.84	10.71	11.50
	U-NII-2C	100	5500		8.21	8.29	11.26	12.00
		104	5520		8.22	8.28	11.26	12.00
		108	5540		8.66	8.53	11.61	12.00
		112	5560		8.55	7.98	11.28	12.00
116		5580	8.37	7.65	11.04	12.00		
120		5600	8.25	7.96	11.12	12.00		
124		5620	8.27	8.02	11.16	12.00		
128		5640	8.16	7.61	10.90	12.00		
132		5660	7.97	7.72	10.86	12.00		
136		5680	8.01	7.51	10.78	12.00		
U-NII-3	140	5700	7.70	7.37	10.55	12.00		
	144	5720	8.09	7.63	10.88	12.00		
	149	5745	6.59	6.72	9.67	10.50		
	153	5765	6.53	6.94	9.75	10.50		
	157	5785	6.22	6.99	9.63	10.50		
U-NII-3	161	5805	6.72	7.24	10.00	10.50		
	165	5825	6.56	6.88	9.73	10.50		
	38	5190	7.85	8.06	10.97	12.00		
	U-NII-1	46	5230	8.03	8.28	11.17	12.00	
		54	5270	8.06	7.75	10.92	12.00	
U-NII-2A	62	5310	8.13	7.83	10.99	12.00		
	102	5510	9.98	9.56	12.79	13.50		
U-NII-2C	110	5550	9.84	9.55	12.71	13.50		
	118	5590	9.25	8.83	12.06	13.50		
	126	5630	9.27	8.67	11.99	13.50		
	134	5670	9.37	8.96	12.18	13.50		



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	U-NII-3	142	5710		9.51	8.96	12.25	13.50
		151	5755		7.35	7.03	10.20	11.00
		159	5795		7.32	7.03	10.19	11.00
802.11ac VHT80	MCS0	U-NII-1	42	5210	7.69	7.49	10.60	11.50
		U-NII-2A	58	5290	7.55	7.22	10.40	11.50
		U-NII-2C	106	5530	7.91	8.71	11.34	12.00
			122	5610	9.78	8.93	12.39	13.50
		138	5690	9.80	9.34	12.59	13.50	
		U-NII-3	155	5775	7.26	6.53	9.92	11.00
802.11ac VHT160	MCS0	U-NII-1 & U-NII-2A	50	5250	5.04	5.50	8.29	9.00
		U-NII-2C	114	5570	6.21	6.77	9.51	10.50
802.11ax HEW20	U-NII-1	36	5180	MCS0	6.49	7.34	9.95	10.50
		40	5200		5.85	7.08	9.52	10.50
		44	5220		6.06	6.89	9.51	10.50
		48	5240		6.54	7.22	9.90	10.50
	U-NII-2A	52	5260		6.71	6.64	9.69	10.50
		56	5280		6.23	6.36	9.31	10.50
		60	5300		6.61	6.55	9.59	10.50
		64	5320		6.84	7.06	9.96	10.50
	U-NII-2C	100	5500		8.29	8.45	11.38	12.00
		104	5520		8.24	8.24	11.25	12.00
		108	5540		8.68	8.30	11.50	12.00
		112	5560		8.40	8.06	11.24	12.00
		116	5580		8.61	7.78	11.23	12.00
		120	5600		8.32	7.92	11.13	12.00
		124	5620		8.17	7.94	11.07	12.00
		128	5640		8.27	7.64	10.98	12.00
		132	5660		8.22	7.65	10.95	12.00
		136	5680		7.97	7.47	10.74	12.00
		140	5700		7.86	7.32	10.61	12.00
		144	5720		8.16	8.09	11.14	12.00
	U-NII-3	149	5745		7.06	7.62	10.36	11.50
		153	5765		7.09	7.69	10.41	11.50
		157	5785		7.45	7.83	10.65	11.50
		161	5805		7.88	7.89	10.90	11.50



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802.11ax HEW40	U-NII-1	38	5190	MCS0	8.07	8.43	11.26	12.00		
		46	5230		7.99	8.14	11.08	12.00		
	U-NII-2A	54	5270		8.06	7.88	10.98	12.00		
		62	5310		8.29	8.22	11.27	12.00		
	U-NII-2C	102	5510		9.93	9.76	12.86	13.50		
		110	5550		9.95	9.71	12.84	13.50		
		118	5590		9.41	8.82	12.14	13.50		
		126	5630		9.22	8.80	12.03	13.50		
		134	5670		9.43	8.68	12.08	13.50		
		142	5710		9.78	9.13	12.48	13.50		
	U-NII-3	151	5755		7.47	6.97	10.24	11.00		
		159	5795		7.79	7.14	10.49	11.00		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ax HEW80	U-NII-1	42		5210	MCS0	7.96	7.73	10.86	11.50
58			5290	7.48	7.11		10.31	11.50		
U-NII-2C		106	5530	7.87	8.76		11.35	12.00		
		122	5610	9.66	8.87		12.29	13.50		
U-NII-3		138	5690	9.84	9.17		12.53	13.50		
		155	5775	7.39	6.60		10.02	11.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	5.15	5.72	8.45	9.00		
		114	5570		6.42	6.91	9.68	10.50		

WIFI 5G Ant 5 Head DBS								
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11a	U-NII-1	36	5180	6	1.80	3.00		
		40	5200		1.94	3.00		
		44	5220		2.10	3.00		
		48	5240		2.32	3.00		
	U-NII-2A	52	5260		2.35	4.00		
		56	5280		2.79	4.00		
		60	5300		2.78	4.00		
		64	5320		2.60	4.00		
	U-NII-2C	100	5500		4.34	5.50		



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		104	5520		4.88	5.50	
		108	5540		4.71	5.50	
		112	5560		5.03	5.50	
		116	5580		5.20	5.50	
		120	5600		5.26	5.50	
		124	5620		5.06	5.50	
		128	5640		4.82	5.50	
		132	5660		4.83	5.50	
		136	5680		4.50	5.50	
		140	5700		4.35	5.50	
		144	5720		4.40	5.50	
	U-NII-3	149	5745		4.43	5.50	
		153	5765		4.41	5.50	
		157	5785		4.36	5.50	
		161	5805		4.60	5.50	
		165	5825		5.28	5.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11n-HT20	U-NII-1	36	5180	MCS0	3.33	4.50	
		40	5200		2.87	4.50	
		44	5220		2.87	4.50	
		48	5240		3.59	4.50	
	U-NII-2A	52	5260		3.68	4.50	
		56	5280		3.14	4.50	
		60	5300		3.69	4.50	
		64	5320		3.40	4.50	
	U-NII-2C	100	5500		5.30	6.00	
		104	5520		5.22	6.00	
		108	5540		5.42	6.00	
		112	5560		5.47	6.00	
		116	5580		5.75	6.00	
		120	5600		5.45	6.00	
		124	5620		5.16	6.00	
		128	5640		5.07	6.00	
		132	5660		5.18	6.00	
		136	5680		5.03	6.00	
	U-NII-3	140	5700		4.97	6.00	
		144	5720		5.18	6.00	
		149	5745		3.89	5.50	
		153	5765		4.14	5.50	
		157	5785		4.29	5.50	
			161		5805	4.69	5.50



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Mode	5GHz	165 Channel	5825 Frequency(MHz)	Data Rate(Mbps)	4.54 Average Power (dBm)	5.50 Tune up		
802.11n-HT40	U-NII-1	38	5190	MCS0	4.85	6.00		
		46	5230		4.88	6.00		
	U-NII-2A	54	5270		5.14	6.00		
		62	5310		5.13	6.00		
		U-NII-2C	102		5510	7.03	7.50	
			110		5550	6.79	7.50	
	118		5590		6.53	7.50		
	126		5630		6.32	7.50		
	U-NII-3	134	5670		6.45	7.50		
		142	5710		6.54	7.50		
		151	5755		4.24	5.00		
		159	5795		4.31	5.00		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ac VHT20	U-NII-1	36		5180	MCS0	3.37	4.50
40			5200	3.01	4.50			
U-NII-2A			44	5220	3.04		4.50	
			48	5240	3.30		4.50	
		52	5260	4.67	5.50			
		56	5280	3.94	5.50			
		60	5300	4.57	5.50			
		64	5320	4.55	5.50			
U-NII-2C		100	5500	5.22	6.00			
		104	5520	5.26	6.00			
		108	5540	5.70	6.00			
		112	5560	5.55	6.00			
		116	5580	5.34	6.00			
		120	5600	5.20	6.00			
		124	5620	5.24	6.00			
		128	5640	5.17	6.00			
		132	5660	4.95	6.00			
		136	5680	4.97	6.00			
U-NII-3		140	5700	4.71	6.00			
		144	5720	5.13	6.00			
		149	5745	3.55	4.50			
		153	5765	3.49	4.50			
		157	5785	3.25	4.50			
		161	5805	3.74	4.50			
			165	5825	3.59		4.50	



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	4.87	6.00
		46	5230		5.08	6.00
	U-NII-2A	54	5270		5.04	6.00
		62	5310		5.12	6.00
	U-NII-2C	102	5510		6.94	7.50
		110	5550		6.79	7.50
		118	5590		6.29	7.50
		126	5630		6.27	7.50
		134	5670		6.34	7.50
	U-NII-3	142	5710		6.46	7.50
		151	5755		4.38	5.00
		159	5795		4.31	5.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	4.69	5.50
	U-NII-2A	58	5290		4.55	5.50
	U-NII-2C	106	5530		4.96	6.00
		122	5610		6.79	7.50
	138	5690	6.81		7.50	
	U-NII-3	155	5775		4.28	5.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	2.06	3.00
	U-NII-2C	114	5570		3.26	4.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	3.50	4.50
		40	5200		2.84	4.50
		44	5220		3.06	4.50
		48	5240		3.53	4.50
	U-NII-2A	52	5260		3.73	4.50
		56	5280		3.22	4.50
		60	5300		3.64	4.50
		64	5320		3.81	4.50
	U-NII-2C	100	5500		5.28	6.00
		104	5520		5.19	6.00
		108	5540		5.68	6.00
		112	5560		5.44	6.00
		116	5580		5.65	6.00
		120	5600		5.34	6.00



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		124	5620		5.13	6.00
		128	5640		5.24	6.00
		132	5660		5.20	6.00
		136	5680		4.96	6.00
		140	5700		4.90	6.00
		144	5720		5.19	6.00
	U-NII-3	149	5745		4.01	5.50
		153	5765		4.11	5.50
		157	5785		4.44	5.50
		161	5805		4.83	5.50
		165	5825		4.64	5.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	5.04	6.00
		46	5230		4.95	6.00
	U-NII-2A	54	5270		5.06	6.00
		62	5310		5.26	6.00
	U-NII-2C	102	5510		6.88	7.50
		110	5550		6.97	7.50
		118	5590		6.45	7.50
		126	5630		6.23	7.50
		134	5670		6.42	7.50
	U-NII-3	142	5710		6.73	7.50
		151	5755		4.51	5.00
		159	5795		4.77	5.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	5.00	5.50
	U-NII-2A	58	5290		4.53	5.50
	U-NII-2C	106	5530		4.85	6.00
		122	5610		6.64	7.50
		138	5690		6.82	7.50
	U-NII-3	155	5775		4.35	5.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	2.18	3.00
	U-NII-2C	114	5570		3.38	4.50

WIFI 5G Ant 4 Head DBS						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up



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802.11a	U-NII-1	36	5180	6	3.20	4.00
		40	5200		2.79	4.00
		44	5220		2.86	4.00
		48	5240		3.73	4.00
	U-NII-2A	52	5260		3.02	4.00
		56	5280		3.37	4.00
		60	5300		3.12	4.00
		64	5320		3.15	4.00
	U-NII-2C	100	5500		3.86	5.50
		104	5520		4.42	5.50
		108	5540		4.15	5.50
		112	5560		4.09	5.50
		116	5580		3.87	5.50
		120	5600		4.21	5.50
		124	5620		3.89	5.50
		128	5640		3.77	5.50
		132	5660		3.80	5.50
		136	5680		3.99	5.50
	U-NII-3	140	5700		3.57	5.50
		144	5720		4.75	5.50
149		5745	4.89	5.50		
153		5765	4.88	5.50		
157		5785	4.97	5.50		
		161	5805		4.65	5.50
		165	5825		5.07	5.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	4.29	4.50
		40	5200		3.82	4.50
		44	5220		3.77	4.50
		48	5240		3.88	4.50
	U-NII-2A	52	5260		3.67	4.50
		56	5280		3.35	4.50
		60	5300		3.39	4.50
		64	5320		3.93	4.50
	U-NII-2C	100	5500		5.38	6.00
		104	5520		5.35	6.00
		108	5540		5.22	6.00
		112	5560		5.22	6.00
		116	5580		4.84	6.00
		120	5600		5.10	6.00
		124	5620		4.95	6.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up			
802.11n-HT40	U-NII-1	128	5640	MCS0	4.59	6.00			
		132	5660		4.64	6.00			
		136	5680		4.49	6.00			
		140	5700		4.23	6.00			
		144	5720		4.72	6.00			
	U-NII-3	149	5745		4.77	5.50			
		153	5765		4.64	5.50			
		157	5785		4.60	5.50			
		161	5805		4.74	5.50			
		165	5825		5.05	5.50			
	802.11ac VHT20	U-NII-1	38		5190	MCS0	5.41	6.00	
			46		5230		5.29	6.00	
			U-NII-2A		54		5270	4.80	6.00
					62		5310	4.63	6.00
		U-NII-2C			102		5510	6.61	7.50
110			5550	6.80	7.50				
118			5590	5.93	7.50				
126			5630	5.87	7.50				
134			5670	6.02	7.50				
U-NII-3		142	5710	6.06	7.50				
		151	5755	4.01	5.00				
		159	5795	4.17	5.00				
		802.11ac VHT20	U-NII-1	36	5180		MCS0	4.04	4.50
40				5200	3.89			4.50	
44				5220	3.81			4.50	
48	5240			3.85	4.50				
U-NII-2A	52		5260	4.63	5.50				
	56		5280	4.24	5.50				
	60		5300	4.74	5.50				
	64		5320	4.84	5.50				
U-NII-2C	100		5500	5.25	6.00				
	104		5520	5.25	6.00				
	108		5540	5.54	6.00				
	112		5560	4.99	6.00				
	116		5580	4.67	6.00				
	120		5600	4.96	6.00				
	124		5620	4.97	6.00				
128	5640	4.62	6.00						



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		132	5660		4.77	6.00
		136	5680		4.50	6.00
		140	5700		4.32	6.00
		144	5720		4.66	6.00
	U-NII-3	149	5745		3.71	4.50
		153	5765		3.94	4.50
		157	5785		3.96	4.50
		161	5805		4.29	4.50
		165	5825		3.88	4.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	5.05	6.00
		46	5230		5.27	6.00
	U-NII-2A	54	5270		4.78	6.00
		62	5310		4.81	6.00
	U-NII-2C	102	5510		6.60	7.50
		110	5550		6.53	7.50
		118	5590		5.84	7.50
		126	5630		5.66	7.50
		134	5670		5.92	7.50
	U-NII-3	142	5710		5.99	7.50
		151	5755		4.07	5.00
		159	5795		4.02	5.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	4.48	5.50
	U-NII-2A	58	5290		4.19	5.50
	U-NII-2C	106	5530		5.76	6.00
		122	5610		5.89	7.50
	U-NII-3	138	5690		6.38	7.50
		155	5775		3.51	5.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	2.48	3.00
	U-NII-2C	114	5570		3.82	4.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	4.36	4.50
		40	5200		4.12	4.50
		44	5220		3.87	4.50
		48	5240		4.24	4.50
	U-NII-2A	52	5260		3.64	4.50



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		56	5280		3.32	4.50
		60	5300		3.54	4.50
		64	5320		4.10	4.50
	U-NII-2C	100	5500		5.47	6.00
		104	5520		5.20	6.00
		108	5540		5.31	6.00
		112	5560		5.06	6.00
		116	5580		4.81	6.00
		120	5600		4.90	6.00
		124	5620		4.93	6.00
		128	5640		4.63	6.00
		132	5660		4.70	6.00
		136	5680		4.51	6.00
		140	5700		4.28	6.00
		144	5720		5.13	6.00
	U-NII-3	149	5745		4.62	5.50
		153	5765		4.65	5.50
		157	5785		4.78	5.50
		161	5805		4.91	5.50
		165	5825		4.85	5.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	5.47	6.00
		46	5230		5.19	6.00
	U-NII-2A	54	5270		4.91	6.00
		62	5310		5.27	6.00
	U-NII-2C	102	5510		6.71	7.50
		110	5550		6.72	7.50
		118	5590		5.87	7.50
		126	5630		5.79	7.50
		134	5670		5.72	7.50
	U-NII-3	142	5710		6.14	7.50
151		5755	3.93	5.00		
		159	5795	4.09	5.00	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	4.73	5.50
	U-NII-2A	58	5290		4.07	5.50
		U-NII-2C	106		5530	5.71
	122		5610		5.84	7.50
	U-NII-3	138	5690		6.16	7.50
		155	5775		3.59	5.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	2.71	3.00
	U-NII-2C	114	5570		3.88	4.50

WIFI 5G MIMO Head DBS										
Mode	5GHz	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	1.80	3.20	5.57	6.50		
		40	5200		1.94	2.79	5.40	6.50		
		44	5220		2.10	2.86	5.51	6.50		
		48	5240		2.32	3.73	6.09	6.50		
	U-NII-2A	52	5260		2.35	3.02	5.71	7.00		
		56	5280		2.79	3.37	6.10	7.00		
		60	5300		2.78	3.12	5.96	7.00		
		64	5320		2.60	3.15	5.89	7.00		
	U-NII-2C	100	5500		4.34	3.86	7.12	8.50		
		104	5520		4.88	4.42	7.67	8.50		
		108	5540		4.71	4.15	7.45	8.50		
		112	5560		5.03	4.09	7.60	8.50		
		116	5580		5.20	3.87	7.60	8.50		
		120	5600		5.26	4.21	7.78	8.50		
		124	5620		5.06	3.89	7.52	8.50		
		128	5640		4.82	3.77	7.34	8.50		
		132	5660		4.83	3.80	7.36	8.50		
		136	5680		4.50	3.99	7.26	8.50		
	U-NII-3	140	5700		4.35	3.57	6.99	8.50		
		144	5720		4.40	4.75	7.59	8.50		
		149	5745		4.43	4.89	7.68	8.50		
		153	5765		4.41	4.88	7.66	8.50		
		157	5785		4.36	4.97	7.69	8.50		
		161	5805		4.60	4.65	7.64	8.50		
	165	5825	5.28		5.07	8.19	8.50			
	Mode	5GHz	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	3.33	4.29	6.85	7.50
			40		5200		2.87	3.82	6.38	7.50
44			5220	2.87	3.77		6.35	7.50		
48			5240	3.59	3.88		6.75	7.50		
U-NII-2A		52	5260	3.68	3.67		6.69	7.50		



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n- HT40	U-NII-2C	56	5280	MCS0	3.14	3.35	6.26	7.50
		60	5300		3.69	3.39	6.55	7.50
		64	5320		3.40	3.93	6.68	7.50
		100	5500		5.30	5.38	8.35	9.00
		104	5520		5.22	5.35	8.30	9.00
		108	5540		5.42	5.22	8.33	9.00
		112	5560		5.47	5.22	8.36	9.00
		116	5580		5.75	4.84	8.33	9.00
		120	5600		5.45	5.10	8.29	9.00
		124	5620		5.16	4.95	8.07	9.00
	U-NII-3	128	5640		5.07	4.59	7.85	9.00
		132	5660		5.18	4.64	7.93	9.00
		136	5680		5.03	4.49	7.78	9.00
		140	5700		4.97	4.23	7.63	9.00
		144	5720		5.18	4.72	7.97	9.00
		149	5745		3.89	4.77	7.36	8.50
		153	5765		4.14	4.64	7.41	8.50
		157	5785		4.29	4.60	7.46	8.50
		161	5805		4.69	4.74	7.73	8.50
		165	5825		4.54	5.05	7.81	8.50
802.11n- HT40	U-NII-1	38	5190	4.85	5.41	8.15	9.00	
		46	5230	4.88	5.29	8.10	9.00	
	U-NII-2A	54	5270	5.14	4.80	7.98	9.00	
		62	5310	5.13	4.63	7.90	9.00	
	U-NII-2C	102	5510	7.03	6.61	9.84	10.50	
		110	5550	6.79	6.80	9.81	10.50	
		118	5590	6.53	5.93	9.25	10.50	
		126	5630	6.32	5.87	9.11	10.50	
	U-NII-3	134	5670	6.45	6.02	9.25	10.50	
		142	5710	6.54	6.06	9.32	10.50	
151		5755	4.24	4.01	7.14	8.00		
159		5795	4.31	4.17	7.25	8.00		
802.11ac VHT20	U-NII-1	36	5180	3.37	4.04	6.73	7.50	
		40	5200	3.01	3.89	6.48	7.50	
		44	5220	3.04	3.81	6.45	7.50	
		48	5240	3.30	3.85	6.59	7.50	
	U-NII-2A	52	5260	4.67	4.63	7.66	8.50	



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-2C	56	5280	MCS0	3.94	4.24	7.10	8.50
		60	5300		4.57	4.74	7.67	8.50
		64	5320		4.55	4.84	7.71	8.50
		100	5500		5.22	5.25	8.25	9.00
		104	5520		5.26	5.25	8.27	9.00
		108	5540		5.70	5.54	8.63	9.00
		112	5560		5.55	4.99	8.29	9.00
		116	5580		5.34	4.67	8.03	9.00
		120	5600		5.20	4.96	8.09	9.00
		124	5620		5.24	4.97	8.12	9.00
	U-NII-3	128	5640		5.17	4.62	7.91	9.00
		132	5660		4.95	4.77	7.87	9.00
		136	5680		4.97	4.50	7.75	9.00
		140	5700		4.71	4.32	7.53	9.00
		144	5720		5.13	4.66	7.91	9.00
		149	5745		3.55	3.71	6.64	7.50
		153	5765		3.49	3.94	6.73	7.50
		157	5785		3.25	3.96	6.63	7.50
		161	5805		3.74	4.29	7.03	7.50
		165	5825		3.59	3.88	6.75	7.50
802.11ac VHT40	U-NII-1	38	5190	4.87	5.05	7.97	9.00	
		46	5230	5.08	5.27	8.19	9.00	
	U-NII-2A	54	5270	5.04	4.78	7.92	9.00	
		62	5310	5.12	4.81	7.98	9.00	
	U-NII-2C	102	5510	6.94	6.60	9.78	10.50	
		110	5550	6.79	6.53	9.67	10.50	
		118	5590	6.29	5.84	9.08	10.50	
		126	5630	6.27	5.66	8.99	10.50	
	U-NII-3	134	5670	6.34	5.92	9.15	10.50	
		142	5710	6.46	5.99	9.24	10.50	
151		5755	4.38	4.07	7.24	8.00		
159		5795	4.31	4.02	7.18	8.00		
802.11ac VHT80	U-NII-1	42	5210	4.69	4.48	7.60	8.50	
	U-NII-2A	58	5290	4.55	4.19	7.38	8.50	
		106	5530	4.96	5.76	8.39	9.00	
	U-NII-2C	122	5610	6.79	5.89	9.37	10.50	
		138	5690	6.81	6.38	9.61	10.50	



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	2.06	2.48	5.29	6.00
		114	5570		3.26	3.82	6.56	7.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	3.50	4.36	6.96	7.50
		40	5200		2.84	4.12	6.54	7.50
		44	5220		3.06	3.87	6.49	7.50
		48	5240		3.53	4.24	6.91	7.50
	U-NII-2A	52	5260		3.73	3.64	6.70	7.50
		56	5280		3.22	3.32	6.28	7.50
		60	5300		3.64	3.54	6.60	7.50
		64	5320		3.81	4.10	6.97	7.50
	U-NII-2C	100	5500		5.28	5.47	8.39	9.00
		104	5520		5.19	5.20	8.21	9.00
		108	5540		5.68	5.31	8.51	9.00
		112	5560		5.44	5.06	8.26	9.00
		116	5580		5.65	4.81	8.26	9.00
		120	5600		5.34	4.90	8.14	9.00
		124	5620		5.13	4.93	8.04	9.00
		128	5640		5.24	4.63	7.96	9.00
		132	5660		5.20	4.70	7.97	9.00
		136	5680		4.96	4.51	7.75	9.00
	U-NII-3	140	5700		4.90	4.28	7.61	9.00
		144	5720		5.19	5.13	8.17	9.00
		149	5745		4.01	4.62	7.34	8.50
		153	5765		4.11	4.65	7.40	8.50
		157	5785		4.44	4.78	7.62	8.50
	U-NII-3	161	5805		4.83	4.91	7.88	8.50
		165	5825		4.64	4.85	7.76	8.50
		38	5190		5.04	5.47	8.27	9.00
		46	5230		4.95	5.19	8.08	9.00
	802.11ax HEW40	U-NII-2A	54		5270	MCS0	5.06	4.91
62			5310	5.26	5.27		8.28	9.00
U-NII-2C	102	5510	6.88	6.71	9.81		10.50	
	110	5550	6.97	6.72	9.86		10.50	
	118	5590	6.45	5.87	9.18		10.50	



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		126	5630		6.23	5.79	9.03	10.50
		134	5670		6.42	5.72	9.09	10.50
		142	5710		6.73	6.14	9.46	10.50
	U-NII-3	151	5755		4.51	3.93	7.24	8.00
		159	5795		4.77	4.09	7.45	8.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	5.00	4.73	7.88	8.50
	U-NII-2A	58	5290		4.53	4.07	7.32	8.50
	U-NII-2C	106	5530		4.85	5.71	8.31	9.00
		122	5610		6.64	5.84	9.27	10.50
		138	5690		6.82	6.16	9.51	10.50
	U-NII-3	155	5775		4.35	3.59	7.00	8.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	2.18	2.71	5.46	6.00
	U-NII-2C	114	5570		3.38	3.88	6.65	7.50



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WIFI 5G Ant 5 Body worn Non-DBS						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	8.34	9.50
		40	5200		8.47	9.50
		44	5220		8.55	9.50
		48	5240		8.91	9.50
	U-NII-2A	52	5260		8.98	10.50
		56	5280		9.22	10.50
		60	5300		9.20	10.50
		64	5320		9.32	10.50
	U-NII-2C	100	5500		9.24	10.50
		104	5520		9.76	10.50
		108	5540		9.99	10.50
		112	5560		10.00	10.50
		116	5580		10.11	10.50
		120	5600		10.19	10.50
		124	5620		9.81	10.50
		128	5640		9.78	10.50
		132	5660		9.70	10.50
		136	5680		9.67	10.50
	U-NII-3	140	5700		9.19	10.50
		144	5720		9.64	10.50
		149	5745		13.44	14.50
		153	5765		13.24	14.50
		157	5785		13.36	14.50
		161	5805		13.45	14.50
		165	5825	14.08	14.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	9.82	11.00
		40	5200		9.35	11.00
		44	5220		9.38	11.00
		48	5240		9.97	11.00
	U-NII-2A	52	5260		10.01	11.00
		56	5280		9.71	11.00
		60	5300		9.83	11.00
	U-NII-2C	64	5320		10.27	11.00
		100	5500		10.09	11.00
		104	5520		10.39	11.00



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		108	5540		10.43	11.00
		112	5560		10.27	11.00
		116	5580		10.46	11.00
		120	5600		10.37	11.00
		124	5620		10.15	11.00
		128	5640		10.22	11.00
		132	5660		10.01	11.00
		136	5680		10.18	11.00
		140	5700		9.93	11.00
		144	5720		10.27	11.00
	U-NII-3	149	5745		13.11	14.50
		153	5765		13.10	14.50
		157	5785		13.15	14.50
		161	5805		13.60	14.50
		165	5825		13.48	14.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.35	12.50
		46	5230		11.28	12.50
	U-NII-2A	54	5270		11.47	12.50
		62	5310		11.58	12.50
	U-NII-2C	102	5510		12.06	12.50
		110	5550		11.53	12.50
		118	5590		11.36	12.50
		126	5630		11.47	12.50
		134	5670		11.20	12.50
	U-NII-3	142	5710		11.61	12.50
		151	5755		13.41	14.00
		159	5795		13.20	14.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	10.00	11.00
		40	5200		9.32	11.00
		44	5220		9.49	11.00
		48	5240		9.86	11.00
	U-NII-2A	52	5260		10.26	11.00
		56	5280		9.51	11.00
		60	5300		9.89	11.00
		64	5320		10.12	11.00
	U-NII-2C	100	5500		10.39	11.00
		104	5520		10.37	11.00
		108	5540		10.52	11.00



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		112	5560		10.58	11.00	
		116	5580		10.32	11.00	
		120	5600		10.37	11.00	
		124	5620		10.42	11.00	
		128	5640		10.26	11.00	
		132	5660		10.06	11.00	
		136	5680		10.10	11.00	
		140	5700		9.96	11.00	
		144	5720		10.01	11.00	
	U-NII-3	149	5745		12.42	13.50	
		153	5765		12.48	13.50	
		157	5785		12.32	13.50	
		161	5805		12.82	13.50	
		165	5825		12.82	13.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac VHT40	U-NII-1	38	5190	MCS0	11.31	12.50	
		46	5230		11.52	12.50	
	U-NII-2A	54	5270		11.49	12.50	
		62	5310		11.86	12.50	
	U-NII-2C	102	5510		11.93	12.50	
		110	5550		11.72	12.50	
		118	5590		11.35	12.50	
		126	5630		11.43	12.50	
		134	5670		11.34	12.50	
	U-NII-3	142	5710		11.72	12.50	
		151	5755		13.11	14.00	
			159		5795	13.14	14.00
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ac VHT80	U-NII-1	42	5210	MCS0	11.53	12.00	
	U-NII-2A	58	5290		11.00	12.00	
		U-NII-2C	106		5530	9.74	11.00
			122		5610	11.66	12.50
	U-NII-3	138	5690		11.79	12.50	
		155	5775		13.30	14.00	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	8.66	9.50	
	U-NII-2C	114	5570		8.19	9.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	



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802.11ax HEW20	U-NII-1	36	5180	MCS0	9.83	11.00	
		40	5200		9.37	11.00	
		44	5220		9.55	11.00	
		48	5240		9.90	11.00	
	U-NII-2A	52	5260		10.17	11.00	
		56	5280		9.74	11.00	
		60	5300		10.23	11.00	
		64	5320		10.27	11.00	
	U-NII-2C	100	5500		10.32	11.00	
		104	5520		10.34	11.00	
		108	5540		10.41	11.00	
		112	5560		10.48	11.00	
		116	5580		10.56	11.00	
		120	5600		10.46	11.00	
		124	5620		10.22	11.00	
		128	5640		10.15	11.00	
		132	5660		10.42	11.00	
		136	5680		9.89	11.00	
		140	5700		9.82	11.00	
		144	5720		10.10	11.00	
U-NII-3	149	5745	13.14	14.50			
	153	5765	13.02	14.50			
	157	5785	13.46	14.50			
	161	5805	13.82	14.50			
	165	5825	13.69	14.50			
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ax HEW40	U-NII-1	38	5190	MCS0	11.44	12.50	
		46	5230		11.28	12.50	
	U-NII-2A	54	5270		11.74	12.50	
		62	5310		11.63	12.50	
		U-NII-2C	102		5510	11.74	12.50
			110		5550	11.87	12.50
			118		5590	11.38	12.50
			126		5630	11.20	12.50
	U-NII-3	134	5670		11.20	12.50	
		142	5710		11.76	12.50	
		151	5755		13.57	14.00	
		159	5795		13.74	14.00	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
	U-NII-1	42	5210	MCS0	11.38	12.00	



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802.11ax HEW80	U-NII-2A	58	5290		10.92	12.00
	U-NII-2C	106	5530		9.88	11.00
		122	5610		11.55	12.50
		138	5690		11.62	12.50
	U-NII-3	155	5775		13.38	14.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	8.68	9.50
	U-NII-2C	114	5570		8.32	9.50

WIFI 5G Ant 4 Body worn Non-DBS								
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11a	U-NII-1	36	5180	6	9.72	10.50		
		40	5200		9.16	10.50		
		44	5220		9.46	10.50		
		48	5240		10.21	10.50		
	U-NII-2A	52	5260		9.39	10.50		
		56	5280		9.94	10.50		
		60	5300		9.80	10.50		
	U-NII-2C	64	5320		9.45	10.50		
		100	5500		8.79	10.50		
		104	5520		9.49	10.50		
		108	5540		9.02	10.50		
		112	5560		8.99	10.50		
		116	5580		8.80	10.50		
		120	5600		9.09	10.50		
		124	5620		9.06	10.50		
		128	5640		8.75	10.50		
		132	5660		8.65	10.50		
		136	5680		9.03	10.50		
		140	5700		8.56	10.50		
	U-NII-3	144	5720		9.60	10.50		
		149	5745		14.06	14.50		
		153	5765		14.07	14.50		
		157	5785		14.10	14.50		
		161	5805		13.73	14.50		
			165		5825	14.22	14.50	
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11n-HT20	U-NII-1	36		5180	MCS0	10.60	11.00



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		40	5200		10.40	11.00
		44	5220		10.10	11.00
		48	5240		10.42	11.00
	U-NII-2A	52	5260		10.04	11.00
		56	5280		9.72	11.00
		60	5300		10.10	11.00
		64	5320		10.55	11.00
	U-NII-2C	100	5500		10.19	11.00
		104	5520		10.31	11.00
		108	5540		10.31	11.00
		112	5560		10.19	11.00
		116	5580		9.71	11.00
		120	5600		9.97	11.00
		124	5620		9.97	11.00
		128	5640		9.42	11.00
		132	5660		9.80	11.00
		136	5680		9.42	11.00
	U-NII-3	140	5700		9.13	11.00
		144	5720		9.91	11.00
		149	5745		13.76	14.50
		153	5765		13.71	14.50
		157	5785		13.76	14.50
		161	5805		13.76	14.50
		165	5825		13.70	14.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.63	12.50
		46	5230		11.74	12.50
	U-NII-2A	54	5270		11.14	12.50
		62	5310		11.30	12.50
	U-NII-2C	102	5510		11.57	12.50
		110	5550		11.72	12.50
		118	5590		10.93	12.50
		126	5630		10.67	12.50
		134	5670		11.06	12.50
	U-NII-3	142	5710		11.09	12.50
151		5755	12.74	14.00		
159		5795	13.07	14.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	10.78	11.00
		40	5200		10.37	11.00



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		44	5220		10.16	11.00
		48	5240		10.49	11.00
	U-NII-2A	52	5260		9.96	11.00
		56	5280		10.00	11.00
		60	5300		10.10	11.00
		64	5320		10.39	11.00
	U-NII-2C	100	5500		10.33	11.00
		104	5520		10.24	11.00
		108	5540		10.32	11.00
		112	5560		10.11	11.00
		116	5580		9.68	11.00
		120	5600		9.84	11.00
		124	5620		10.11	11.00
		128	5640		9.50	11.00
		132	5660		9.67	11.00
		136	5680		9.55	11.00
	U-NII-3	140	5700		9.05	11.00
		144	5720		9.63	11.00
		149	5745		12.76	13.50
		153	5765		12.96	13.50
		157	5785		13.03	13.50
		161	5805		13.06	13.50
		165	5825		12.88	13.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	11.49	12.50
		46	5230		11.64	12.50
	U-NII-2A	54	5270		11.39	12.50
		62	5310		11.34	12.50
	U-NII-2C	102	5510		11.74	12.50
		110	5550		11.58	12.50
		118	5590		10.91	12.50
		126	5630		10.75	12.50
		134	5670		10.87	12.50
	U-NII-3	142	5710		11.11	12.50
		151	5755		12.83	14.00
		159	5795		12.93	14.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	10.90	12.00
	U-NII-2A	58	5290		10.75	12.00
	U-NII-2C	106	5530		10.46	11.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
	U-NII-3	122	5610	MCS0	10.78	12.50		
		138	5690		11.07	12.50		
		155	5775		12.19	14.00		
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.15	9.50		
	U-NII-2C	114	5570		8.60	9.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ax HEW20	U-NII-1	36	5180	MCS0	10.62	11.00		
		40	5200		10.26	11.00		
		44	5220		10.21	11.00		
		48	5240		10.74	11.00		
	U-NII-2A	52	5260		10.16	11.00		
		56	5280		9.87	11.00		
		60	5300		9.96	11.00		
		64	5320		10.46	11.00		
	U-NII-2C	100	5500		10.24	11.00		
		104	5520		10.23	11.00		
		108	5540		10.35	11.00		
		112	5560		10.29	11.00		
		116	5580		9.83	11.00		
		120	5600		9.90	11.00		
		124	5620		10.16	11.00		
		128	5640		9.62	11.00		
		132	5660		9.78	11.00		
		136	5680		9.77	11.00		
	U-NII-3	140	5700		9.26	11.00		
		144	5720		10.16	11.00		
		149	5745		13.70	14.50		
		153	5765		13.80	14.50		
		157	5785		13.93	14.50		
		161	5805		13.97	14.50		
			165		5825	14.14	14.50	
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ax HEW40	U-NII-1	38		5190	MCS0	11.67	12.50
			46		5230		11.57	12.50
U-NII-2A		54	5270	11.59	12.50			
		62	5310	11.54	12.50			
U-NII-2C		102	5510	11.56	12.50			
		110	5550	11.86	12.50			



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		118	5590		10.87	12.50
		126	5630		10.89	12.50
		134	5670		10.83	12.50
		142	5710		11.03	12.50
	U-NII-3	151	5755		12.91	14.00
		159	5795		13.11	14.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	11.04	12.00
	U-NII-2A	58	5290		10.48	12.00
	U-NII-2C	106	5530		10.44	11.00
		122	5610		10.92	12.50
		138	5690		11.29	12.50
	U-NII-3	155	5775		12.51	14.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.20	9.50
	U-NII-2C	114	5570		8.77	9.50

WIFI 5G MIMO Body worn Non-DBS								
Mode	5GHz	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	8.34	9.72	12.09	13.00
		40	5200		8.47	9.16	11.84	13.00
		44	5220		8.55	9.46	12.04	13.00
		48	5240		8.91	10.21	12.62	13.00
	U-NII-2A	52	5260		8.98	9.39	12.20	13.50
		56	5280		9.22	9.94	12.61	13.50
		60	5300		9.20	9.80	12.52	13.50
		64	5320		9.32	9.45	12.40	13.50
	U-NII-2C	100	5500		9.24	8.79	12.03	13.50
		104	5520		9.76	9.49	12.64	13.50
		108	5540		9.99	9.02	12.54	13.50
		112	5560		10.00	8.99	12.53	13.50
		116	5580		10.11	8.80	12.51	13.50
		120	5600		10.19	9.09	12.69	13.50
		124	5620		9.81	9.06	12.46	13.50
		128	5640		9.78	8.75	12.31	13.50
		132	5660		9.70	8.65	12.22	13.50
		136	5680		9.67	9.03	12.37	13.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11n- HT20	U-NII-1	140	5700	MCS0	9.19	8.56	11.90	13.50	
		144	5720		9.64	9.60	12.63	13.50	
		U-NII-3	149		5745	13.44	14.06	16.77	17.50
			153		5765	13.24	14.07	16.69	17.50
			157		5785	13.36	14.10	16.76	17.50
			161		5805	13.45	13.73	16.60	17.50
	U-NII-2A	165	5825		14.08	14.22	17.16	17.50	
		36	5180		9.82	10.60	13.24	14.00	
		40	5200		9.35	10.40	12.92	14.00	
		44	5220		9.38	10.10	12.77	14.00	
	U-NII-2C	48	5240		9.97	10.42	13.21	14.00	
		52	5260		10.01	10.04	13.04	14.00	
		56	5280		9.71	9.72	12.73	14.00	
		60	5300		9.83	10.10	12.98	14.00	
		64	5320		10.27	10.55	13.42	14.00	
		100	5500		10.09	10.19	13.15	14.00	
	U-NII-3	104	5520		10.39	10.31	13.36	14.00	
		108	5540		10.43	10.31	13.38	14.00	
		112	5560		10.27	10.19	13.24	14.00	
		116	5580		10.46	9.71	13.11	14.00	
120		5600	10.37	9.97	13.18	14.00			
124		5620	10.15	9.97	13.07	14.00			
128		5640	10.22	9.42	12.85	14.00			
132		5660	10.01	9.80	12.92	14.00			
136		5680	10.18	9.42	12.83	14.00			
140		5700	9.93	9.13	12.56	14.00			
U-NII-3	144	5720	10.27	9.91	13.10	14.00			
	149	5745	13.11	13.76	16.46	17.50			
	153	5765	13.10	13.71	16.43	17.50			
	157	5785	13.15	13.76	16.48	17.50			
	161	5805	13.60	13.76	16.69	17.50			
	165	5825	13.48	13.70	16.60	17.50			
802.11n- HT40	U-NII-1	38	5190	MCS0	11.35	11.63	14.50	15.50	
U-NII-2A		46	5230		11.28	11.74	14.53	15.50	
	54	5270	11.47		11.14	14.32	15.50		
U-NII-2C	62	5310	11.58		11.30	14.45	15.50		
	102	5510	12.06		11.57	14.83	15.50		



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11ac VHT20	U-NII-1	110	5550	MCS0	11.53	11.72	14.64	15.50	
		118	5590		11.36	10.93	14.16	15.50	
		126	5630		11.47	10.67	14.10	15.50	
		134	5670		11.20	11.06	14.14	15.50	
		142	5710		11.61	11.09	14.37	15.50	
	U-NII-3	151	5755		13.41	12.74	16.10	17.00	
		159	5795		13.20	13.07	16.15	17.00	
	U-NII-2A	36	5180		10.00	10.78	13.42	14.00	
		40	5200		9.32	10.37	12.89	14.00	
		44	5220		9.49	10.16	12.85	14.00	
		48	5240		9.86	10.49	13.20	14.00	
		52	5260		10.26	9.96	13.12	14.00	
		56	5280		9.51	10.00	12.77	14.00	
		60	5300		9.89	10.10	13.01	14.00	
		64	5320		10.12	10.39	13.27	14.00	
		U-NII-2C	100		5500	10.39	10.33	13.37	14.00
			104		5520	10.37	10.24	13.32	14.00
			108		5540	10.52	10.32	13.43	14.00
			112		5560	10.58	10.11	13.36	14.00
			116		5580	10.32	9.68	13.02	14.00
120			5600	10.37	9.84	13.12	14.00		
124			5620	10.42	10.11	13.28	14.00		
128	5640		10.26	9.50	12.91	14.00			
132	5660		10.06	9.67	12.88	14.00			
136	5680		10.10	9.55	12.84	14.00			
U-NII-3	140	5700	9.96	9.05	12.54	14.00			
	144	5720	10.01	9.63	12.83	14.00			
	149	5745	12.42	12.76	15.60	16.50			
	153	5765	12.48	12.96	15.74	16.50			
	157	5785	12.32	13.03	15.70	16.50			
U-NII-3	161	5805	12.82	13.06	15.95	16.50			
	165	5825	12.82	12.88	15.86	16.50			
	165	5825	12.82	12.88	15.86	16.50			
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11ac VHT40	U-NII-1	38	5190	MCS0	11.31	11.49	14.41	15.50	
		46	5230		11.52	11.64	14.59	15.50	
	U-NII-2A	54	5270		11.49	11.39	14.45	15.50	
		62	5310		11.86	11.34	14.62	15.50	
	U-NII-2C	102	5510		11.93	11.74	14.85	15.50	



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		110	5550		11.72	11.58	14.66	15.50
		118	5590		11.35	10.91	14.15	15.50
		126	5630		11.43	10.75	14.11	15.50
		134	5670		11.34	10.87	14.12	15.50
		142	5710		11.72	11.11	14.44	15.50
	U-NII-3	151	5755		13.11	12.83	15.98	17.00
		159	5795		13.14	12.93	16.05	17.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	11.53	10.90	14.24	15.00
	U-NII-2A	58	5290		11.00	10.75	13.89	15.00
	U-NII-2C	106	5530		9.74	10.46	13.13	14.00
		122	5610		11.66	10.78	14.25	15.50
		138	5690		11.79	11.07	14.46	15.50
	U-NII-3	155	5775		13.30	12.19	15.79	17.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	8.66	9.15	11.92	12.50
	U-NII-2C	114	5570		8.19	8.60	11.41	12.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	9.83	10.62	13.25	14.00
		40	5200		9.37	10.26	12.85	14.00
		44	5220		9.55	10.21	12.90	14.00
		48	5240		9.90	10.74	13.35	14.00
	U-NII-2A	52	5260		10.17	10.16	13.18	14.00
		56	5280		9.74	9.87	12.82	14.00
		60	5300		10.23	9.96	13.11	14.00
		64	5320		10.27	10.46	13.38	14.00
	U-NII-2C	100	5500		10.32	10.24	13.29	14.00
		104	5520		10.34	10.23	13.30	14.00
		108	5540		10.41	10.35	13.39	14.00
		112	5560		10.48	10.29	13.40	14.00
		116	5580		10.56	9.83	13.22	14.00
		120	5600		10.46	9.90	13.20	14.00
		124	5620		10.22	10.16	13.20	14.00
		128	5640		10.15	9.62	12.90	14.00
		132	5660		10.42	9.78	13.12	14.00
		136	5680		9.89	9.77	12.84	14.00
		140	5700		9.82	9.26	12.56	14.00
		144	5720		10.10	10.16	13.14	14.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	U-NII-3	149	5745		13.14	13.70	16.44	17.50
		153	5765		13.02	13.80	16.44	17.50
		157	5785		13.46	13.93	16.71	17.50
		161	5805		13.82	13.97	16.91	17.50
		165	5825		13.69	14.14	16.93	17.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	11.44	11.67	14.57	15.50
		46	5230		11.28	11.57	14.44	15.50
	U-NII-2A	54	5270		11.74	11.59	14.68	15.50
		62	5310		11.63	11.54	14.60	15.50
	U-NII-2C	102	5510		11.74	11.56	14.66	15.50
		110	5550		11.87	11.86	14.88	15.50
		118	5590		11.38	10.87	14.14	15.50
		126	5630		11.20	10.89	14.06	15.50
		134	5670		11.20	10.83	14.03	15.50
		142	5710		11.76	11.03	14.42	15.50
	U-NII-3	151	5755		13.57	12.91	16.26	17.00
		159	5795		13.74	13.11	16.45	17.00
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)
802.11ax HEW80	U-NII-1	42	5210	MCS0	11.38	11.04	14.22	15.00
		58	5290		10.92	10.48	13.72	15.00
	U-NII-2C	106	5530		9.88	10.44	13.18	14.00
		122	5610		11.55	10.92	14.26	15.50
		138	5690		11.62	11.29	14.47	15.50
	U-NII-3	155	5775		13.38	12.51	15.98	17.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	8.68	9.20	11.96	12.50
		U-NII-2C	114		5570	8.32	8.77	11.56

WIFI 5G Ant 5 Sensor off Non-DBS						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.99	15.00
		40	5200		13.79	15.00
		44	5220		13.97	15.00
		48	5240		14.48	15.00
	U-NII-2A	52	5260		14.51	16.00



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		56	5280		14.65	16.00	
		60	5300		14.70	16.00	
		64	5320		14.71	16.00	
	U-NII-2C	100	5500		14.79	16.00	
		104	5520		15.18	16.00	
		108	5540		15.36	16.00	
		112	5560		15.50	16.00	
		116	5580		15.55	16.00	
		120	5600		15.66	16.00	
		124	5620		15.43	16.00	
		128	5640		15.34	16.00	
		132	5660		15.34	16.00	
		136	5680		15.05	16.00	
		140	5700		14.84	16.00	
		144	5720		14.96	16.00	
	U-NII-3	149	5745		17.93	19.00	
		153	5765		17.79	19.00	
		157	5785		17.77	19.00	
		161	5805		18.05	19.00	
		165	5825		18.60	19.00	
Mode	5GHz	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		14.78	16.50	
		44	5220		14.97	16.50	
		48	5240		15.43	16.50	
	U-NII-2A	52	5260		15.60	16.50	
		56	5280		15.01	16.50	
		60	5300		15.54	16.50	
		64	5320		15.59	16.50	
	U-NII-2C	100	5500		15.71	16.50	
		104	5520		15.80	16.50	
		108	5540		15.90	16.50	
		112	5560		15.90	16.50	
		116	5580		16.02	16.50	
		120	5600		15.91	16.50	
		124	5620		15.70	16.50	
		128	5640		15.73	16.50	
		132	5660		15.67	16.50	
		136	5680		15.58	16.50	
			140		5700	15.33	16.50
			144		5720	15.57	16.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11n-HT40	U-NII-3	149	5745	MCS0	17.58	19.00		
		153	5765		17.55	19.00		
		157	5785		17.73	19.00		
		161	5805		18.09	19.00		
		165	5825		18.09	19.00		
802.11n-HT40	U-NII-1	38	5190	MCS0	16.92	18.00		
		46	5230		16.92	18.00		
	U-NII-2A	54	5270		17.06	18.00		
		62	5310		17.25	18.00		
	U-NII-2C	102	5510		17.38	18.00		
		110	5550		17.17	18.00		
		118	5590		16.96	18.00		
		126	5630		16.75	18.00		
		134	5670		16.77	18.00		
		142	5710		17.10	18.00		
	U-NII-3	151	5755		17.80	18.50		
		159	5795		17.85	18.50		
	802.11ac VHT20	U-NII-1	36		5180	MCS0	15.29	16.50
			40		5200		14.84	16.50
44			5220	14.91	16.50			
48			5240	15.26	16.50			
U-NII-2A		52	5260	15.58	16.50			
		56	5280	14.97	16.50			
		60	5300	15.54	16.50			
U-NII-2C		64	5320	15.58	16.50			
		100	5500	15.70	16.50			
		104	5520	15.82	16.50			
		108	5540	15.99	16.50			
		112	5560	15.88	16.50			
		116	5580	15.86	16.50			
		120	5600	15.87	16.50			
		124	5620	15.71	16.50			
		128	5640	15.72	16.50			
		132	5660	15.56	16.50			
		136	5680	15.51	16.50			
		U-NII-3	140	5700	15.35		16.50	
144			5720	15.48	16.50			
149			5745	16.98	18.00			



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		153	5765		16.96	18.00
		157	5785		16.82	18.00
		161	5805		17.12	18.00
		165	5825		17.11	18.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	16.88	18.00
		46	5230		16.93	18.00
	U-NII-2A	54	5270		16.99	18.00
		62	5310		17.23	18.00
	U-NII-2C	102	5510		17.43	18.00
		110	5550		17.19	18.00
		118	5590		16.85	18.00
		126	5630		16.81	18.00
		134	5670		16.77	18.00
	U-NII-3	142	5710		17.10	18.00
		151	5755		17.77	18.50
			159		5795	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	16.84	17.50
	U-NII-2A	58	5290		16.51	17.50
	U-NII-2C	106	5530		15.32	16.50
		122	5610		17.05	18.00
		138	5690		17.11	18.00
	U-NII-3	155	5775		17.85	18.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	13.98	15.00
	U-NII-2C	114	5570		13.70	15.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	15.35	16.50
		40	5200		14.84	16.50
		44	5220		15.09	16.50
		48	5240		15.49	16.50
	U-NII-2A	52	5260		15.59	16.50
		56	5280		15.02	16.50
		60	5300		15.58	16.50
		64	5320		15.70	16.50
	U-NII-2C	100	5500		15.77	16.50
		104	5520		15.80	16.50



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		108	5540		15.99	16.50
		112	5560		16.06	16.50
		116	5580		16.04	16.50
		120	5600		15.88	16.50
		124	5620		15.71	16.50
		128	5640		15.73	16.50
		132	5660		15.69	16.50
		136	5680		15.54	16.50
		140	5700		15.30	16.50
		144	5720		15.58	16.50
	U-NII-3	149	5745		17.51	19.00
		153	5765		17.57	19.00
		157	5785		17.86	19.00
		161	5805		18.19	19.00
		165	5825		18.16	19.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	16.97	18.00
		46	5230		16.90	18.00
	U-NII-2A	54	5270		17.12	18.00
		62	5310		17.29	18.00
	U-NII-2C	102	5510		17.46	18.00
		110	5550		17.26	18.00
		118	5590		16.93	18.00
		126	5630		16.80	18.00
	U-NII-3	134	5670		16.75	18.00
		142	5710		17.16	18.00
151		5755	18.08	18.50		
		159	5795	18.14	18.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	16.88	17.50
		58	5290		16.55	17.50
	U-NII-2C	106	5530		15.38	16.50
		122	5610		17.15	18.00
	U-NII-3	138	5690		17.18	18.00
		155	5775		17.92	18.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	14.01	15.00
	U-NII-2C	114	5570		13.77	15.00



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WIFI 5G Ant 4 Sensor off Non-DBS						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	15.12	16.00
		40	5200		14.74	16.00
		44	5220		14.91	16.00
		48	5240		15.48	16.00
	U-NII-2A	52	5260		14.96	16.00
		56	5280		15.31	16.00
		60	5300		15.10	16.00
		64	5320		15.08	16.00
	U-NII-2C	100	5500		14.34	16.00
		104	5520		14.80	16.00
		108	5540		14.49	16.00
		112	5560		14.53	16.00
		116	5580		14.51	16.00
		120	5600		14.64	16.00
		124	5620		14.36	16.00
		128	5640		14.35	16.00
		132	5660		14.14	16.00
		136	5680		14.36	16.00
		140	5700		14.22	16.00
		144	5720		15.19	16.00
U-NII-3	149	5745	18.41	19.00		
	153	5765	18.41	19.00		
	157	5785	18.63	19.00		
	161	5805	18.14	19.00		
	165	5825	18.73	19.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	16.22	16.50
		40	5200		15.87	16.50
		44	5220		15.69	16.50
		48	5240		16.01	16.50
	U-NII-2A	52	5260		15.57	16.50
		56	5280		15.35	16.50
		60	5300		15.49	16.50
	U-NII-2C	64	5320		15.81	16.50
		100	5500		15.75	16.50
		104	5520		15.77	16.50



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		108	5540		15.87	16.50
		112	5560		15.58	16.50
		116	5580		15.16	16.50
		120	5600		15.41	16.50
		124	5620		15.48	16.50
		128	5640		15.04	16.50
		132	5660		15.13	16.50
		136	5680		15.02	16.50
		140	5700		14.66	16.50
		144	5720		15.33	16.50
	U-NII-3	149	5745		18.06	19.00
		153	5765		18.12	19.00
		157	5785		18.28	19.00
		161	5805		18.26	19.00
		165	5825		18.35	19.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	17.13	18.00
		46	5230		17.18	18.00
	U-NII-2A	54	5270		16.73	18.00
		62	5310		17.00	18.00
	U-NII-2C	102	5510		17.17	18.00
		110	5550		17.13	18.00
		118	5590		16.36	18.00
		126	5630		16.28	18.00
		134	5670		16.39	18.00
	U-NII-3	142	5710		16.56	18.00
		151	5755		17.36	18.50
			159		5795	17.59
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	16.14	16.50
		40	5200		15.84	16.50
		44	5220		15.73	16.50
		48	5240		16.05	16.50
	U-NII-2A	52	5260		15.46	16.50
		56	5280		15.31	16.50
		60	5300		15.45	16.50
		64	5320		15.83	16.50
	U-NII-2C	100	5500		15.78	16.50
		104	5520		15.74	16.50
		108	5540		15.89	16.50



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		112	5560		15.53	16.50
		116	5580		15.17	16.50
		120	5600		15.47	16.50
		124	5620		15.51	16.50
		128	5640		15.03	16.50
		132	5660		15.09	16.50
		136	5680		15.09	16.50
		140	5700		14.63	16.50
		144	5720		15.20	16.50
	U-NII-3	149	5745		17.33	18.00
		153	5765		17.49	18.00
		157	5785		17.54	18.00
		161	5805		17.62	18.00
		165	5825		17.31	18.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	17.07	18.00
		46	5230		17.10	18.00
	U-NII-2A	54	5270		16.74	18.00
		62	5310		16.88	18.00
	U-NII-2C	102	5510		17.07	18.00
		110	5550		17.07	18.00
		118	5590		16.39	18.00
		126	5630		16.18	18.00
		134	5670		16.34	18.00
	U-NII-3	142	5710		16.54	18.00
		151	5755		17.30	18.50
			159		5795	17.47
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	16.50	17.50
	U-NII-2A	58	5290		16.15	17.50
		106	5530		16.02	16.50
	U-NII-2C	122	5610		16.31	18.00
		138	5690		16.76	18.00
	U-NII-3	155	5775		16.77	18.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	14.62	15.00
	U-NII-2C	114	5570		14.08	15.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up



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802.11ax HEW20	U-NII-1	36	5180	MCS0	16.15	16.50
		40	5200		15.91	16.50
		44	5220		15.81	16.50
		48	5240		16.07	16.50
	U-NII-2A	52	5260		15.54	16.50
		56	5280		15.42	16.50
		60	5300		15.59	16.50
		64	5320		15.91	16.50
	U-NII-2C	100	5500		15.85	16.50
		104	5520		15.79	16.50
		108	5540		15.95	16.50
		112	5560		15.57	16.50
		116	5580		15.20	16.50
		120	5600		15.44	16.50
		124	5620		15.48	16.50
		128	5640		15.09	16.50
		132	5660		15.14	16.50
		136	5680		15.04	16.50
	U-NII-3	140	5700		14.72	16.50
		144	5720		15.53	16.50
149		5745	18.22	19.00		
153		5765	18.22	19.00		
157		5785	18.43	19.00		
		161	5805	18.47	19.00	
		165	5825	18.45	19.00	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	17.27	18.00
		46	5230		17.30	18.00
	U-NII-2A	54	5270		16.90	18.00
		62	5310		17.07	18.00
	U-NII-2C	102	5510		17.20	18.00
		110	5550		17.13	18.00
		118	5590		16.42	18.00
		126	5630		16.29	18.00
		134	5670		16.22	18.00
	U-NII-3	142	5710		16.49	18.00
151		5755	17.50	18.50		
159		5795	17.78	18.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	42	5210	MCS0	16.55	17.50



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802.11ax HEW80	U-NII-2A	58	5290		16.13	17.50
	U-NII-2C	106	5530		16.10	16.50
		122	5610		16.55	18.00
		138	5690		16.71	18.00
	U-NII-3	155	5775		17.01	18.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	14.79	15.00
	U-NII-2C	114	5570		14.18	15.00

WIFI 5G MIMO Sensor off Non-DBS										
Mode	5GHz	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	13.99	15.12	17.60	18.50		
		40	5200		13.79	14.74	17.30	18.50		
		44	5220		13.97	14.91	17.48	18.50		
		48	5240		14.48	15.48	18.02	18.50		
	U-NII-2A	52	5260		14.51	14.96	17.75	19.00		
		56	5280		14.65	15.31	18.00	19.00		
		60	5300		14.70	15.10	17.91	19.00		
		64	5320		14.71	15.08	17.91	19.00		
	U-NII-2C	100	5500		14.79	14.34	17.58	19.00		
		104	5520		15.18	14.80	18.00	19.00		
		108	5540		15.36	14.49	17.96	19.00		
		112	5560		15.50	14.53	18.05	19.00		
		116	5580		15.55	14.51	18.07	19.00		
		120	5600		15.66	14.64	18.19	19.00		
		124	5620		15.43	14.36	17.94	19.00		
		128	5640		15.34	14.35	17.88	19.00		
		132	5660		15.34	14.14	17.79	19.00		
		136	5680		15.05	14.36	17.73	19.00		
		140	5700		14.84	14.22	17.55	19.00		
		144	5720		14.96	15.19	18.09	19.00		
		U-NII-3	149		5745	17.93	18.41	21.19	22.00	
			153		5765	17.79	18.41	21.12	22.00	
	157		5785		17.77	18.63	21.23	22.00		
	161		5805		18.05	18.14	21.11	22.00		
			165		5825	18.60	18.73	21.68	22.00	
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up



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802.11n- HT20	U-NII-1	36	5180	MCS0	15.28	16.22	18.79	19.50
		40	5200		14.78	15.87	18.37	19.50
		44	5220		14.97	15.69	18.36	19.50
		48	5240		15.43	16.01	18.74	19.50
	U-NII-2A	52	5260		15.60	15.57	18.60	19.50
		56	5280		15.01	15.35	18.19	19.50
		60	5300		15.54	15.49	18.53	19.50
		64	5320		15.59	15.81	18.71	19.50
	U-NII-2C	100	5500		15.71	15.75	18.74	19.50
		104	5520		15.80	15.77	18.80	19.50
		108	5540		15.90	15.87	18.90	19.50
		112	5560		15.90	15.58	18.75	19.50
		116	5580		16.02	15.16	18.62	19.50
		120	5600		15.91	15.41	18.68	19.50
		124	5620		15.70	15.48	18.60	19.50
		128	5640		15.73	15.04	18.41	19.50
		132	5660		15.67	15.13	18.42	19.50
		136	5680		15.58	15.02	18.32	19.50
	U-NII-3	140	5700		15.33	14.66	18.02	19.50
		144	5720		15.57	15.33	18.46	19.50
149		5745	17.58	18.06	20.84	22.00		
153		5765	17.55	18.12	20.85	22.00		
157		5785	17.73	18.28	21.02	22.00		
U-NII-3	161	5805	18.09	18.26	21.19	22.00		
	165	5825	18.09	18.35	21.23	22.00		
	151	5755	17.80	17.36	20.60	21.50		
	159	5795	17.85	17.59	20.73	21.50		
Mode	5GHz	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	16.92	17.13	20.04	21.00
		46	5230		16.92	17.18	20.06	21.00
	U-NII-2A	54	5270		17.06	16.73	19.91	21.00
		62	5310		17.25	17.00	20.14	21.00
	U-NII-2C	102	5510		17.38	17.17	20.29	21.00
		110	5550		17.17	17.13	20.16	21.00
		118	5590		16.96	16.36	19.68	21.00
		126	5630		16.75	16.28	19.53	21.00
		134	5670		16.77	16.39	19.59	21.00
	U-NII-3	142	5710		17.10	16.56	19.85	21.00
		151	5755		17.80	17.36	20.60	21.50
		159	5795		17.85	17.59	20.73	21.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up



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802.11ac VHT20	U-NII-1	36	5180	MCS0	15.29	16.14	18.75	19.50
		40	5200		14.84	15.84	18.38	19.50
		44	5220		14.91	15.73	18.35	19.50
		48	5240		15.26	16.05	18.68	19.50
	U-NII-2A	52	5260		15.58	15.46	18.53	19.50
		56	5280		14.97	15.31	18.15	19.50
		60	5300		15.54	15.45	18.51	19.50
		64	5320		15.58	15.83	18.72	19.50
	U-NII-2C	100	5500		15.70	15.78	18.75	19.50
		104	5520		15.82	15.74	18.79	19.50
		108	5540		15.99	15.89	18.95	19.50
		112	5560		15.88	15.53	18.72	19.50
		116	5580		15.86	15.17	18.54	19.50
		120	5600		15.87	15.47	18.68	19.50
		124	5620		15.71	15.51	18.62	19.50
		128	5640		15.72	15.03	18.40	19.50
		132	5660		15.56	15.09	18.34	19.50
		136	5680		15.51	15.09	18.32	19.50
	U-NII-3	140	5700		15.35	14.63	18.02	19.50
		144	5720		15.48	15.20	18.35	19.50
149		5745	16.98	17.33	20.17	21.00		
153		5765	16.96	17.49	20.24	21.00		
157		5785	16.82	17.54	20.21	21.00		
U-NII-3	157	5785	16.82	17.54	20.21	21.00		
	161	5805	17.12	17.62	20.39	21.00		
	165	5825	17.11	17.31	20.22	21.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	16.88	17.07	19.99	21.00
		46	5230		16.93	17.10	20.03	21.00
	U-NII-2A	54	5270		16.99	16.74	19.88	21.00
		62	5310		17.23	16.88	20.07	21.00
	U-NII-2C	102	5510		17.43	17.07	20.26	21.00
		110	5550		17.19	17.07	20.14	21.00
		118	5590		16.85	16.39	19.64	21.00
		126	5630		16.81	16.18	19.52	21.00
		134	5670		16.77	16.34	19.57	21.00
	U-NII-3	142	5710		17.10	16.54	19.84	21.00
		151	5755		17.77	17.30	20.55	21.50
		159	5795		17.80	17.47	20.65	21.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up



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802.11ac VHT80	U-NII-1	42	5210	MCS0	16.84	16.50	19.68	20.50		
	U-NII-2A	58	5290		16.51	16.15	19.34	20.50		
	U-NII-2C	106	5530		15.32	16.02	18.69	19.50		
		122	5610		17.05	16.31	19.71	21.00		
	138	5690	17.11		16.76	19.95	21.00			
U-NII-3	155	5775	17.85	16.77	20.35	21.50				
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	13.98	14.62	17.32	18.00		
	U-NII-2C	114	5570		13.70	14.08	16.90	18.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ax HEW20	U-NII-1	36	5180	MCS0	15.35	16.15	18.78	19.50		
		40	5200		14.84	15.91	18.42	19.50		
		44	5220		15.09	15.81	18.48	19.50		
		48	5240		15.49	16.07	18.80	19.50		
	U-NII-2A	52	5260		15.59	15.54	18.58	19.50		
		56	5280		15.02	15.42	18.23	19.50		
		60	5300		15.58	15.59	18.60	19.50		
		64	5320		15.70	15.91	18.82	19.50		
	U-NII-2C	100	5500		15.77	15.85	18.82	19.50		
		104	5520		15.80	15.79	18.81	19.50		
		108	5540		15.99	15.95	18.98	19.50		
		112	5560		16.06	15.57	18.83	19.50		
		116	5580		16.04	15.20	18.65	19.50		
		120	5600		15.88	15.44	18.68	19.50		
		124	5620		15.71	15.48	18.61	19.50		
		128	5640		15.73	15.09	18.43	19.50		
		132	5660		15.69	15.14	18.43	19.50		
		136	5680		15.54	15.04	18.31	19.50		
	U-NII-3	140	5700		15.30	14.72	18.03	19.50		
		144	5720		15.58	15.53	18.57	19.50		
		149	5745		17.51	18.22	20.89	22.00		
		153	5765		17.57	18.22	20.92	22.00		
		157	5785		17.86	18.43	21.16	22.00		
		161	5805		18.19	18.47	21.34	22.00		
		165	5825		18.16	18.45	21.32	22.00		
		Mode	5GHz		Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
	802.11ax HEW40	U-NII-1	38		5190	MCS0	16.97	17.27	20.13	21.00
			46		5230		16.90	17.30	20.11	21.00



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	U-NII-2A	54	5270		17.12	16.90	20.02	21.00
		62	5310		17.29	17.07	20.19	21.00
	U-NII-2C	102	5510		17.46	17.20	20.34	21.00
		110	5550		17.26	17.13	20.21	21.00
		118	5590		16.93	16.42	19.69	21.00
		126	5630		16.80	16.29	19.56	21.00
		134	5670		16.75	16.22	19.50	21.00
		142	5710		17.16	16.49	19.85	21.00
	U-NII-3	151	5755		18.08	17.50	20.81	21.50
		159	5795		18.14	17.78	20.97	21.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	16.88	16.55	19.73	20.50
	U-NII-2A	58	5290		16.55	16.13	19.36	20.50
	U-NII-2C	106	5530		15.38	16.10	18.77	19.50
		122	5610		17.15	16.55	19.87	21.00
		138	5690		17.18	16.71	19.96	21.00
	U-NII-3	155	5775		17.92	17.01	20.50	21.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	14.01	14.79	17.43	18.00
	U-NII-2C	114	5570		13.77	14.18	16.99	18.00

WIFI 5G Ant 5 Body worn DBS							
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11a	U-NII-1	36	5180	6		5.79	7.00
		40	5200			5.98	7.00
		44	5220			6.10	7.00
		48	5240			6.40	7.00
	U-NII-2A	52	5260			6.50	8.00
		56	5280			6.73	8.00
		60	5300			6.72	8.00
		64	5320			6.82	8.00
	U-NII-2C	100	5500			6.78	8.00
		104	5520			7.30	8.00
		108	5540			7.45	8.00
		112	5560			7.53	8.00
		116	5580			7.66	8.00
		120	5600			7.74	8.00



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		124	5620		7.34	8.00
		128	5640		7.29	8.00
		132	5660		7.20	8.00
		136	5680		7.12	8.00
		140	5700		6.67	8.00
		144	5720		7.14	8.00
	U-NII-3	149	5745		10.91	12.00
		153	5765		10.69	12.00
		157	5785		10.91	12.00
		161	5805		10.93	12.00
		165	5825		11.53	12.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	7.34	8.50
		40	5200		6.82	8.50
		44	5220		6.93	8.50
		48	5240		7.50	8.50
	U-NII-2A	52	5260		7.51	8.50
		56	5280		7.20	8.50
		60	5300		7.37	8.50
		64	5320		7.81	8.50
	U-NII-2C	100	5500		7.54	8.50
		104	5520		7.85	8.50
		108	5540		7.95	8.50
		112	5560		7.78	8.50
		116	5580		7.95	8.50
		120	5600		7.89	8.50
		124	5620		7.68	8.50
		128	5640		7.69	8.50
	U-NII-3	132	5660		7.53	8.50
		136	5680		7.68	8.50
		140	5700		7.44	8.50
		144	5720		7.79	8.50
149		5745	10.63	12.00		
153		5765	10.58	12.00		
157		5785	10.68	12.00		
		161	5805	11.06	12.00	
		165	5825	11.01	12.00	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	8.90	10.00
		46	5230		8.73	10.00



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	U-NII-2A	54	5270		8.97	10.00
		62	5310		9.13	10.00
	U-NII-2C	102	5510		9.56	10.00
		110	5550		8.98	10.00
		118	5590		8.86	10.00
		126	5630		8.98	10.00
		134	5670		8.72	10.00
	U-NII-3	142	5710		9.07	10.00
		151	5755		10.96	11.50
		159	5795		10.71	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	7.54	8.50
		40	5200		6.78	8.50
		44	5220		6.98	8.50
		48	5240		7.41	8.50
	U-NII-2A	52	5260		7.73	8.50
		56	5280		7.04	8.50
		60	5300		7.41	8.50
		64	5320		7.64	8.50
	U-NII-2C	100	5500		7.86	8.50
		104	5520		7.91	8.50
		108	5540		7.97	8.50
		112	5560		8.03	8.50
		116	5580		7.82	8.50
		120	5600		7.90	8.50
		124	5620		7.97	8.50
		128	5640		7.80	8.50
		132	5660		7.57	8.50
		136	5680		7.56	8.50
	U-NII-3	140	5700		7.50	8.50
		144	5720		7.46	8.50
149		5745	9.87	11.00		
153		5765	9.99	11.00		
157		5785	9.84	11.00		
161		5805	10.28	11.00		
		165	5825	10.27	11.00	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	8.81	10.00
		46	5230		9.01	10.00
	U-NII-2A	54	5270		8.96	10.00



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		62	5310		9.36	10.00
	U-NII-2C	102	5510		9.41	10.00
		110	5550		9.22	10.00
		118	5590		8.85	10.00
		126	5630		8.98	10.00
		134	5670		8.85	10.00
		142	5710		9.17	10.00
	U-NII-3	151	5755		10.57	11.50
		159	5795		10.64	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	9.08	9.50
	U-NII-2A	58	5290		8.55	9.50
	U-NII-2C	106	5530		7.19	8.50
		122	5610		9.11	10.00
	138	5690	9.30		10.00	
	U-NII-3	155	5775		10.78	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	6.16	7.00
	U-NII-2C	114	5570		5.66	7.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	7.32	8.50
		40	5200		6.89	8.50
		44	5220		7.09	8.50
		48	5240		7.39	8.50
	U-NII-2A	52	5260		7.72	8.50
		56	5280		7.26	8.50
		60	5300		7.68	8.50
		64	5320		7.76	8.50
	U-NII-2C	100	5500		7.79	8.50
		104	5520		7.80	8.50
		108	5540		7.89	8.50
		112	5560		7.93	8.50
		116	5580		8.04	8.50
		120	5600		7.97	8.50
		124	5620		7.67	8.50
		128	5640		7.65	8.50
		132	5660		7.87	8.50
		136	5680		7.42	8.50
140	5700	7.36	8.50			



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		144	5720		7.59	8.50		
	U-NII-3	149	5745		10.61	12.00		
		153	5765		10.49	12.00		
		157	5785		10.92	12.00		
		161	5805		11.33	12.00		
		165	5825		11.19	12.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ax HEW40	U-NII-1	38	5190	MCS0	8.91	10.00		
		46	5230		8.77	10.00		
	U-NII-2A	54	5270		9.24	10.00		
		62	5310		9.15	10.00		
	U-NII-2C	102	5510		9.27	10.00		
		110	5550		9.34	10.00		
		118	5590		8.86	10.00		
		126	5630		8.69	10.00		
		134	5670		8.70	10.00		
		142	5710		9.23	10.00		
	U-NII-3	151	5755		11.09	11.50		
		159	5795		11.27	11.50		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ax HEW80	U-NII-1	42		5210	MCS0	8.90	9.50
U-NII-2A		58	5290	8.37	9.50			
U-NII-2C		106	5530	7.43	8.50			
		122	5610	9.09	10.00			
		138	5690	9.07	10.00			
U-NII-3		155	5775	10.92	11.50			
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	6.15	7.00		
	U-NII-2C	114	5570		5.86	7.00		

WIFI 5G Ant 4 Body worn DBS						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	7.26	8.00
		40	5200		6.68	8.00
		44	5220		6.96	8.00
		48	5240		7.72	8.00
	U-NII-2A	52	5260		6.92	8.00



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		56	5280		7.49	8.00
		60	5300		7.35	8.00
		64	5320		6.90	8.00
	U-NII-2C	100	5500		6.25	8.00
		104	5520		6.98	8.00
		108	5540		6.48	8.00
		112	5560		6.48	8.00
		116	5580		6.33	8.00
		120	5600		6.56	8.00
		124	5620		6.58	8.00
		128	5640		6.23	8.00
		132	5660		6.19	8.00
		136	5680		6.56	8.00
		140	5700		6.03	8.00
		144	5720		7.05	8.00
	U-NII-3	149	5745		11.54	12.00
		153	5765		11.61	12.00
		157	5785		11.64	12.00
		161	5805		11.18	12.00
		165	5825		11.76	12.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	8.07	8.50
		40	5200		7.85	8.50
		44	5220		7.60	8.50
		48	5240		7.88	8.50
	U-NII-2A	52	5260		7.59	8.50
		56	5280		7.19	8.50
		60	5300		7.62	8.50
	U-NII-2C	64	5320		8.04	8.50
		100	5500		7.65	8.50
		104	5520		7.77	8.50
		108	5540		7.79	8.50
		112	5560		7.66	8.50
		116	5580		7.23	8.50
		120	5600		7.42	8.50
		124	5620		7.44	8.50
		128	5640		6.93	8.50
		132	5660		7.33	8.50
	136	5680	6.89		8.50	
	140	5700	6.62		8.50	
	144	5720	7.38		8.50	



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		149	5745		11.28	12.00		
		153	5765		11.18	12.00		
	U-NII-3	157	5785		11.31	12.00		
		161	5805		11.30	12.00		
		165	5825		11.21	12.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11n-HT40	U-NII-1	38	5190	MCS0	9.11	10.00		
		46	5230		9.20	10.00		
	U-NII-2A	54	5270		8.64	10.00		
		62	5310		8.82	10.00		
	U-NII-2C	102	5510		9.11	10.00		
		110	5550		9.26	10.00		
		118	5590		8.43	10.00		
		126	5630		8.12	10.00		
		134	5670		8.57	10.00		
		142	5710		8.62	10.00		
	U-NII-3	151	5755		10.21	11.50		
		159	5795		10.52	11.50		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ac VHT20	U-NII-1	36		5180	MCS0	8.29	8.50
40			5200	7.92	8.50			
44			5220	7.63	8.50			
48			5240	7.94	8.50			
U-NII-2A		52	5260	7.44	8.50			
		56	5280	7.51	8.50			
		60	5300	7.62	8.50			
		64	5320	7.89	8.50			
U-NII-2C		100	5500	7.81	8.50			
		104	5520	7.72	8.50			
		108	5540	7.84	8.50			
		112	5560	7.64	8.50			
		116	5580	7.23	8.50			
		120	5600	7.34	8.50			
		124	5620	7.65	8.50			
		128	5640	6.98	8.50			
		132	5660	7.15	8.50			
		136	5680	7.02	8.50			
U-NII-3		140	5700	6.51	8.50			
		144	5720	7.08	8.50			
		149	5745	10.29	11.00			



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		153	5765		10.51	11.00
		157	5785		10.49	11.00
		161	5805		10.57	11.00
		165	5825		10.42	11.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	9.01	10.00
		46	5230		9.16	10.00
	U-NII-2A	54	5270		8.91	10.00
		62	5310		8.88	10.00
	U-NII-2C	102	5510		9.21	10.00
		110	5550		9.10	10.00
		118	5590		8.36	10.00
		126	5630		8.27	10.00
		134	5670		8.34	10.00
	U-NII-3	142	5710		8.63	10.00
		151	5755		10.32	11.50
		159	5795		10.43	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	8.40	9.50
	U-NII-2A	58	5290		8.30	9.50
	U-NII-2C	106	5530		8.01	8.50
		122	5610		8.29	10.00
		138	5690		8.61	10.00
	U-NII-3	155	5775		9.65	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	6.61	7.00
	U-NII-2C	114	5570		6.07	7.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	8.13	8.50
		40	5200		7.72	8.50
		44	5220		7.71	8.50
		48	5240		8.21	8.50
	U-NII-2A	52	5260		7.70	8.50
		56	5280		7.35	8.50
		60	5300		7.41	8.50
		64	5320		7.93	8.50
	U-NII-2C	100	5500		7.70	8.50
		104	5520		7.74	8.50



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		108	5540		7.87	8.50
		112	5560		7.84	8.50
		116	5580		7.29	8.50
		120	5600		7.35	8.50
		124	5620		7.67	8.50
		128	5640		7.14	8.50
		132	5660		7.33	8.50
		136	5680		7.23	8.50
		140	5700		6.75	8.50
		144	5720		7.67	8.50
	U-NII-3	149	5745		11.21	12.00
		153	5765		11.30	12.00
		157	5785		11.39	12.00
		161	5805		11.49	12.00
		165	5825		11.63	12.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	9.22	10.00
		46	5230		9.09	10.00
	U-NII-2A	54	5270		9.07	10.00
		62	5310		9.03	10.00
	U-NII-2C	102	5510		9.10	10.00
		110	5550		9.41	10.00
		118	5590		8.35	10.00
		126	5630		8.34	10.00
	U-NII-3	134	5670		8.30	10.00
		142	5710		8.49	10.00
151		5755	10.39	11.50		
		159	5795	10.56	11.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	8.53	9.50
		58	5290		8.01	9.50
	U-NII-2C	106	5530		7.99	8.50
		122	5610		8.41	10.00
	U-NII-3	138	5690		8.81	10.00
		155	5775		10.05	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	6.68	7.00
	U-NII-2C	114	5570		6.22	7.00



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WIFI 5G MIMO Body worn DBS								
Mode	5GHz	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	5.79	7.26	9.60	10.50
		40	5200		5.98	6.68	9.35	10.50
		44	5220		6.10	6.96	9.56	10.50
		48	5240		6.40	7.72	10.12	10.50
	U-NII-2A	52	5260		6.50	6.92	9.73	11.00
		56	5280		6.73	7.49	10.14	11.00
		60	5300		6.72	7.35	10.06	11.00
		64	5320		6.82	6.90	9.87	11.00
	U-NII-2C	100	5500		6.78	6.25	9.53	11.00
		104	5520		7.30	6.98	10.15	11.00
		108	5540		7.45	6.48	10.00	11.00
		112	5560		7.53	6.48	10.05	11.00
		116	5580		7.66	6.33	10.06	11.00
		120	5600		7.74	6.56	10.20	11.00
		124	5620		7.34	6.58	9.99	11.00
		128	5640		7.29	6.23	9.80	11.00
		132	5660		7.20	6.19	9.73	11.00
		136	5680		7.12	6.56	9.86	11.00
		140	5700		6.67	6.03	9.37	11.00
		144	5720		7.14	7.05	10.11	11.00
U-NII-3	149	5745	10.91	11.54	14.25	15.00		
	153	5765	10.69	11.61	14.18	15.00		
	157	5785	10.91	11.64	14.30	15.00		
	161	5805	10.93	11.18	14.07	15.00		
	165	5825	11.53	11.76	14.66	15.00		
Mode	5GHz	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	7.34	8.07	10.73	11.50
		40	5200		6.82	7.85	10.38	11.50
		44	5220		6.93	7.60	10.29	11.50
		48	5240		7.50	7.88	10.70	11.50
	U-NII-2A	52	5260		7.51	7.59	10.56	11.50
		56	5280		7.20	7.19	10.21	11.50
		60	5300		7.37	7.62	10.51	11.50
		64	5320		7.81	8.04	10.94	11.50
	U-NII-2C	100	5500		7.54	7.65	10.61	11.50
		104	5520		7.85	7.77	10.82	11.50



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		108	5540		7.95	7.79	10.88	11.50
		112	5560		7.78	7.66	10.73	11.50
		116	5580		7.95	7.23	10.62	11.50
		120	5600		7.89	7.42	10.67	11.50
		124	5620		7.68	7.44	10.57	11.50
		128	5640		7.69	6.93	10.34	11.50
		132	5660		7.53	7.33	10.44	11.50
		136	5680		7.68	6.89	10.31	11.50
		140	5700		7.44	6.62	10.06	11.50
		144	5720		7.79	7.38	10.60	11.50
	U-NII-3	149	5745		10.63	11.28	13.98	15.00
		153	5765		10.58	11.18	13.90	15.00
		157	5785		10.68	11.31	14.02	15.00
		161	5805		11.06	11.30	14.19	15.00
		165	5825		11.01	11.21	14.12	15.00
Mode	5GHz	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	8.90	9.11	12.02	13.00
		46	5230		8.73	9.20	11.98	13.00
	U-NII-2A	54	5270		8.97	8.64	11.82	13.00
		62	5310		9.13	8.82	11.99	13.00
	U-NII-2C	102	5510		9.56	9.11	12.35	13.00
		110	5550		8.98	9.26	12.13	13.00
		118	5590		8.86	8.43	11.66	13.00
		126	5630		8.98	8.12	11.58	13.00
		134	5670		8.72	8.57	11.66	13.00
	U-NII-3	142	5710		9.07	8.62	11.86	13.00
		151	5755		10.96	10.21	13.61	14.50
		159	5795		10.71	10.52	13.63	14.50
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)
802.11ac VHT20	U-NII-1	36	5180	MCS0	7.54	8.29	10.94	11.50
		40	5200		6.78	7.92	10.40	11.50
		44	5220		6.98	7.63	10.33	11.50
		48	5240		7.41	7.94	10.69	11.50
	U-NII-2A	52	5260		7.73	7.44	10.60	11.50
		56	5280		7.04	7.51	10.29	11.50
		60	5300		7.41	7.62	10.53	11.50
	U-NII-2C	64	5320		7.64	7.89	10.78	11.50
		100	5500		7.86	7.81	10.85	11.50
		104	5520		7.91	7.72	10.83	11.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
			108	5540	7.97	7.84	10.92	11.50		
			112	5560	8.03	7.64	10.85	11.50		
			116	5580	7.82	7.23	10.55	11.50		
			120	5600	7.90	7.34	10.64	11.50		
			124	5620	7.97	7.65	10.82	11.50		
			128	5640	7.80	6.98	10.42	11.50		
			132	5660	7.57	7.15	10.38	11.50		
			136	5680	7.56	7.02	10.31	11.50		
			140	5700	7.50	6.51	10.04	11.50		
			144	5720	7.46	7.08	10.28	11.50		
			U-NII-3	149	5745	9.87	10.29	13.10	14.00	
				153	5765	9.99	10.51	13.27	14.00	
				157	5785	9.84	10.49	13.19	14.00	
				161	5805	10.28	10.57	13.44	14.00	
				165	5825	10.27	10.42	13.36	14.00	
			802.11ac VHT40	U-NII-1	38	5190	MCS0	8.81	9.01	11.92
46	5230	9.01			9.16	12.10		13.00		
U-NII-2A	54	5270		8.96	8.91	11.95		13.00		
	62	5310		9.36	8.88	12.14		13.00		
U-NII-2C	102	5510		9.41	9.21	12.32		13.00		
	110	5550		9.22	9.10	12.17		13.00		
	118	5590		8.85	8.36	11.62		13.00		
	126	5630		8.98	8.27	11.65		13.00		
	134	5670		8.85	8.34	11.61		13.00		
	142	5710		9.17	8.63	11.92		13.00		
U-NII-3	151	5755		10.57	10.32	13.46		14.50		
	159	5795		10.64	10.43	13.55		14.50		
802.11ac VHT80	U-NII-1	42		5210	MCS0	9.08		8.40	11.76	12.50
		58		5290		8.55		8.30	11.44	12.50
	U-NII-2C	106		5530		7.19		8.01	10.63	11.50
		122		5610		9.11		8.29	11.73	13.00
	U-NII-3	138	5690	9.30		8.61	11.98	13.00		
		155	5775	10.78		9.65	13.26	14.50		
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	6.16	6.61	9.40	10.00		
		114	5570		5.66	6.07	8.88	10.00		



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	7.32	8.13	10.75	11.50
		40	5200		6.89	7.72	10.34	11.50
		44	5220		7.09	7.71	10.42	11.50
		48	5240		7.39	8.21	10.83	11.50
	U-NII-2A	52	5260		7.72	7.70	10.72	11.50
		56	5280		7.26	7.35	10.32	11.50
		60	5300		7.68	7.41	10.56	11.50
		64	5320		7.76	7.93	10.86	11.50
	U-NII-2C	100	5500		7.79	7.70	10.76	11.50
		104	5520		7.80	7.74	10.78	11.50
		108	5540		7.89	7.87	10.89	11.50
		112	5560		7.93	7.84	10.90	11.50
		116	5580		8.04	7.29	10.69	11.50
		120	5600		7.97	7.35	10.68	11.50
		124	5620		7.67	7.67	10.68	11.50
		128	5640		7.65	7.14	10.41	11.50
		132	5660		7.87	7.33	10.62	11.50
		136	5680		7.42	7.23	10.34	11.50
	U-NII-3	140	5700		7.36	6.75	10.08	11.50
		144	5720		7.59	7.67	10.64	11.50
149		5745	10.61	11.21	13.93	15.00		
153		5765	10.49	11.30	13.92	15.00		
157		5785	10.92	11.39	14.17	15.00		
161		5805	11.33	11.49	14.42	15.00		
165		5825	11.19	11.63	14.43	15.00		
Mode		5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
802.11ax HEW40	U-NII-1	38	5190	MCS0	8.91	9.22	12.08	13.00
		46	5230		8.77	9.09	11.94	13.00
	U-NII-2A	54	5270		9.24	9.07	12.17	13.00
		62	5310		9.15	9.03	12.10	13.00
	U-NII-2C	102	5510		9.27	9.10	12.20	13.00
		110	5550		9.34	9.41	12.39	13.00
		118	5590		8.86	8.35	11.62	13.00
		126	5630		8.69	8.34	11.53	13.00
		134	5670		8.70	8.30	11.51	13.00
		142	5710		9.23	8.49	11.89	13.00
	U-NII-3	151	5755		11.09	10.39	13.76	14.50
		159	5795		11.27	10.56	13.94	14.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	8.90	8.53	11.73	12.50
	U-NII-2A	58	5290		8.37	8.01	11.20	12.50
	U-NII-2C	106	5530		7.43	7.99	10.73	11.50
		122	5610		9.09	8.41	11.77	13.00
		138	5690		9.07	8.81	11.95	13.00
	U-NII-3	155	5775		10.92	10.05	13.52	14.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	6.15	6.68	9.43	10.00
	U-NII-2C	114	5570		5.86	6.22	9.05	10.00

WIFI 5G Ant 5 Sensor off DBS							
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11a	U-NII-1	36	5180	6	11.51	12.50	
		40	5200		11.26	12.50	
		44	5220		11.49	12.50	
		48	5240		11.94	12.50	
	U-NII-2A	52	5260		11.97	13.50	
		56	5280		12.18	13.50	
		60	5300		12.20	13.50	
		64	5320		12.25	13.50	
	U-NII-2C	100	5500		12.26	13.50	
		104	5520		12.64	13.50	
		108	5540		12.86	13.50	
		112	5560		13.04	13.50	
		116	5580		13.02	13.50	
		120	5600		13.11	13.50	
		124	5620		12.88	13.50	
		128	5640		12.79	13.50	
		132	5660		12.83	13.50	
		136	5680		12.54	13.50	
		140	5700		12.33	13.50	
		144	5720		12.48	13.50	
U-NII-3	149	5745	15.42	16.50			
	153	5765	15.24	16.50			
	157	5785	15.25	16.50			
	161	5805	15.59	16.50			



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Mode	5GHz	165 Channel	5825 Frequency(MHz)	Data Rate(Mbps)	16.10 Average Power (dBm)	16.50 Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.77	14.00
		40	5200		12.32	14.00
		44	5220		12.49	14.00
		48	5240		12.90	14.00
	U-NII-2A	52	5260		13.06	14.00
		56	5280		12.48	14.00
		60	5300		13.04	14.00
		64	5320		13.05	14.00
	U-NII-2C	100	5500		13.25	14.00
		104	5520		13.34	14.00
		108	5540		13.41	14.00
		112	5560		13.41	14.00
		116	5580		13.55	14.00
		120	5600		13.43	14.00
		124	5620		13.18	14.00
		128	5640		13.22	14.00
		132	5660		13.21	14.00
		136	5680		13.08	14.00
	U-NII-3	140	5700		12.79	14.00
		144	5720		13.11	14.00
149		5745	15.07	16.50		
153		5765	15.07	16.50		
157		5785	15.21	16.50		
161		5805	15.56	16.50		
		165	5825	15.64	16.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	14.40	15.50
		46	5230		14.45	15.50
	U-NII-2A	54	5270		14.51	15.50
		62	5310		14.77	15.50
	U-NII-2C	102	5510		14.85	15.50
		110	5550		14.69	15.50
		118	5590		14.49	15.50
		126	5630		14.20	15.50
		134	5670		14.24	15.50
		142	5710		14.64	15.50
	U-NII-3	151	5755		15.31	16.00
		159	5795		15.38	16.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	12.82	14.00
		40	5200		12.38	14.00
		44	5220		12.37	14.00
		48	5240		12.72	14.00
	U-NII-2A	52	5260		13.03	14.00
		56	5280		12.45	14.00
		60	5300		13.04	14.00
		64	5320		13.04	14.00
	U-NII-2C	100	5500		13.17	14.00
		104	5520		13.29	14.00
		108	5540		13.48	14.00
		112	5560		13.35	14.00
		116	5580		13.34	14.00
		120	5600		13.33	14.00
		124	5620		13.22	14.00
		128	5640		13.19	14.00
		132	5660		13.01	14.00
		136	5680		13.00	14.00
	U-NII-3	140	5700		12.81	14.00
		144	5720		12.95	14.00
149		5745	14.45	15.50		
153		5765	14.51	15.50		
157		5785	14.37	15.50		
		161	5805	14.62	15.50	
		165	5825	14.63	15.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	14.43	15.50
		46	5230		14.40	15.50
	U-NII-2A	54	5270		14.50	15.50
		62	5310		14.70	15.50
	U-NII-2C	102	5510		14.95	15.50
		110	5550		14.73	15.50
		118	5590		14.32	15.50
		126	5630		14.34	15.50
		134	5670		14.27	15.50
		142	5710		14.65	15.50
	U-NII-3	151	5755		15.31	16.00
		159	5795		15.28	16.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	14.32	15.00
	U-NII-2A	58	5290		14.06	15.00
	U-NII-2C	106	5530		12.84	14.00
		122	5610		14.59	15.50
		138	5690		14.60	15.50
	U-NII-3	155	5775		15.31	16.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	11.49	12.50
	U-NII-2C	114	5570		11.22	12.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	12.81	14.00
		40	5200		12.33	14.00
		44	5220		12.58	14.00
		48	5240		12.97	14.00
	U-NII-2A	52	5260		13.13	14.00
		56	5280		12.48	14.00
		60	5300		13.13	14.00
		64	5320		13.24	14.00
		100	5500		13.24	14.00
		104	5520		13.34	14.00
	U-NII-2C	108	5540		13.47	14.00
		112	5560		13.59	14.00
		116	5580		13.57	14.00
		120	5600		13.34	14.00
		124	5620		13.19	14.00
		128	5640		13.28	14.00
		132	5660		13.18	14.00
		136	5680		13.06	14.00
		140	5700		12.75	14.00
		144	5720		13.09	14.00
	U-NII-3	149	5745		15.04	16.50
		153	5765		15.08	16.50
		157	5785		15.32	16.50
		161	5805		15.73	16.50
165		5825	15.62	16.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	38	5190	MCS0	14.49	15.50



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802.11ax HEW40	U-NII-2A	46	5230	MCS0	14.36	15.50
		54	5270		14.64	15.50
		62	5310		14.74	15.50
	U-NII-2C	102	5510		15.01	15.50
		110	5550		14.77	15.50
		118	5590		14.43	15.50
		126	5630		14.34	15.50
		134	5670		14.25	15.50
	U-NII-3	142	5710		14.63	15.50
		151	5755		15.56	16.00
		159	5795		15.66	16.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	14.40	15.00
		58	5290		14.00	15.00
	U-NII-2C	106	5530		12.90	14.00
		122	5610		14.70	15.50
	U-NII-3	138	5690		14.69	15.50
		155	5775		15.46	16.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	11.47	12.50
		U-NII-2C	114		5570	11.24

WIFI 5G Ant 4 Sensor off DBS								
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11a	U-NII-1	36	5180	6	12.65	13.50		
		40	5200		12.28	13.50		
		44	5220		12.38	13.50		
		48	5240		12.97	13.50		
	U-NII-2A	52	5260		12.42	13.50		
		56	5280		12.84	13.50		
		60	5300		12.62	13.50		
		64	5320		12.59	13.50		
	U-NII-2C	100	5500		11.89	13.50		
		104	5520		12.32	13.50		
		108	5540		11.98	13.50		
		112	5560		12.01	13.50		
		116	5580		12.01	13.50		
					120	5600	12.19	13.50



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		124	5620		11.85	13.50
		128	5640		11.90	13.50
		132	5660		11.69	13.50
		136	5680		11.87	13.50
		140	5700		11.73	13.50
		144	5720		12.73	13.50
	U-NII-3	149	5745		15.88	16.50
		153	5765		15.96	16.50
		157	5785		16.13	16.50
		161	5805		15.68	16.50
		165	5825		16.20	16.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	13.74	14.00
		40	5200		13.33	14.00
		44	5220		13.22	14.00
		48	5240		13.55	14.00
	U-NII-2A	52	5260		13.10	14.00
		56	5280		12.81	14.00
		60	5300		13.01	14.00
		64	5320		13.35	14.00
	U-NII-2C	100	5500		13.25	14.00
		104	5520		13.31	14.00
		108	5540		13.38	14.00
		112	5560		13.06	14.00
		116	5580		12.70	14.00
		120	5600		12.95	14.00
		124	5620		12.96	14.00
		128	5640		12.59	14.00
	U-NII-3	132	5660		12.62	14.00
		136	5680		12.56	14.00
		140	5700		12.20	14.00
		144	5720		12.88	14.00
149		5745	15.60	16.50		
153		5765	15.64	16.50		
157		5785	15.81	16.50		
161		5805	15.75	16.50		
		165	5825	15.87	16.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	14.63	15.50
		46	5230		14.72	15.50



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	U-NII-2A	54	5270		14.28	15.50
		62	5310		14.53	15.50
	U-NII-2C	102	5510		14.62	15.50
		110	5550		14.68	15.50
		118	5590		13.83	15.50
		126	5630		13.75	15.50
		134	5670		13.84	15.50
		142	5710		14.04	15.50
	U-NII-3	151	5755		14.89	16.00
		159	5795		15.12	16.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	13.68	14.00
		40	5200		13.38	14.00
		44	5220		13.22	14.00
		48	5240		13.57	14.00
	U-NII-2A	52	5260		12.93	14.00
		56	5280		12.84	14.00
		60	5300		12.98	14.00
		64	5320		13.32	14.00
	U-NII-2C	100	5500		13.23	14.00
		104	5520		13.25	14.00
		108	5540		13.43	14.00
		112	5560		13.00	14.00
		116	5580		12.70	14.00
		120	5600		12.97	14.00
		124	5620		13.03	14.00
		128	5640		12.48	14.00
		132	5660		12.59	14.00
		136	5680		12.54	14.00
	U-NII-3	140	5700		12.11	14.00
		144	5720		12.70	14.00
149		5745	14.80	15.50		
153		5765	14.99	15.50		
157		5785	15.02	15.50		
161		5805	15.17	15.50		
		165	5825	14.84	15.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	14.52	15.50
		46	5230		14.64	15.50
	U-NII-2A	54	5270		14.26	15.50



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		62	5310		14.41	15.50
	U-NII-2C	102	5510		14.54	15.50
		110	5550		14.60	15.50
		118	5590		13.89	15.50
		126	5630		13.65	15.50
		134	5670		13.80	15.50
		142	5710		14.04	15.50
	U-NII-3	151	5755		14.77	16.00
		159	5795		14.97	16.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	14.05	15.00
	U-NII-2A	58	5290		13.62	15.00
	U-NII-2C	106	5530		13.52	14.00
		122	5610		13.76	15.50
	138	5690	14.24		15.50	
	U-NII-3	155	5775		14.32	16.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	12.11	12.50
	U-NII-2C	114	5570		11.56	12.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	13.62	14.00
		40	5200		13.37	14.00
		44	5220		13.26	14.00
		48	5240		13.58	14.00
	U-NII-2A	52	5260		12.99	14.00
		56	5280		12.90	14.00
		60	5300		13.05	14.00
		64	5320		13.41	14.00
	U-NII-2C	100	5500		13.40	14.00
		104	5520		13.28	14.00
		108	5540		13.40	14.00
		112	5560		13.05	14.00
		116	5580		12.71	14.00
		120	5600		12.92	14.00
		124	5620		12.97	14.00
		128	5640		12.62	14.00
		132	5660		12.61	14.00
		136	5680		12.50	14.00
140	5700	12.19	14.00			



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		144	5720		13.04	14.00		
	U-NII-3	149	5745		15.72	16.50		
		153	5765		15.68	16.50		
		157	5785		15.98	16.50		
		161	5805		16.01	16.50		
		165	5825		15.95	16.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ax HEW40	U-NII-1	38	5190	MCS0	14.75	15.50		
		46	5230		14.85	15.50		
	U-NII-2A	54	5270		14.36	15.50		
		62	5310		14.57	15.50		
	U-NII-2C	102	5510		14.69	15.50		
		110	5550		14.65	15.50		
		118	5590		13.88	15.50		
		126	5630		13.80	15.50		
		134	5670		13.68	15.50		
		142	5710		13.99	15.50		
	U-NII-3	151	5755		15.00	16.00		
		159	5795		15.28	16.00		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ax HEW80	U-NII-1	42		5210	MCS0	14.10	15.00
U-NII-2A		58	5290	13.66	15.00			
U-NII-2C		106	5530	13.59	14.00			
		122	5610	14.04	15.50			
		138	5690	14.16	15.50			
U-NII-3		155	5775	14.49	16.00			
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	12.29	12.50		
	U-NII-2C	114	5570		11.72	12.50		

WIFI 5G MIMO Sensor off DBS								
Mode	5GHz	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	11.51	12.65	15.13	16.00
		40	5200		11.26	12.28	14.81	16.00
		44	5220		11.49	12.38	14.97	16.00
		48	5240		11.94	12.97	15.50	16.00
	U-NII-2A	52	5260		11.97	12.42	15.21	16.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11n-HT20	U-NII-2C	56	5280	MCS0	12.18	12.84	15.53	16.50	
		60	5300		12.20	12.62	15.43	16.50	
		64	5320		12.25	12.59	15.43	16.50	
		100	5500		12.26	11.89	15.09	16.50	
		104	5520		12.64	12.32	15.49	16.50	
		108	5540		12.86	11.98	15.45	16.50	
		112	5560		13.04	12.01	15.57	16.50	
		116	5580		13.02	12.01	15.55	16.50	
		120	5600		13.11	12.19	15.68	16.50	
		124	5620		12.88	11.85	15.41	16.50	
		128	5640		12.79	11.90	15.38	16.50	
		132	5660		12.83	11.69	15.31	16.50	
		136	5680		12.54	11.87	15.23	16.50	
		140	5700		12.33	11.73	15.05	16.50	
	144	5720	12.48		12.73	15.62	16.50		
	U-NII-3	149	5745		15.42	15.88	18.67	19.50	
		153	5765		15.24	15.96	18.63	19.50	
		157	5785		15.25	16.13	18.72	19.50	
		161	5805		15.59	15.68	18.65	19.50	
		165	5825		16.10	16.20	19.16	19.50	
	U-NII-1	36	5180		12.77	13.74	16.29	17.00	
		40	5200		12.32	13.33	15.86	17.00	
		44	5220		12.49	13.22	15.88	17.00	
		48	5240		12.90	13.55	16.25	17.00	
		U-NII-2A	52		5260	13.06	13.10	16.09	17.00
			56		5280	12.48	12.81	15.66	17.00
			60		5300	13.04	13.01	16.04	17.00
		U-NII-2C	64		5320	13.05	13.35	16.21	17.00
100			5500	13.25	13.25	16.26	17.00		
104			5520	13.34	13.31	16.34	17.00		
108			5540	13.41	13.38	16.41	17.00		
112			5560	13.41	13.06	16.25	17.00		
116			5580	13.55	12.70	16.16	17.00		
120			5600	13.43	12.95	16.21	17.00		
124	5620		13.18	12.96	16.08	17.00			
128	5640		13.22	12.59	15.93	17.00			
132	5660		13.21	12.62	15.94	17.00			
U-NII-2C	136	5680	13.08	12.56	15.84	17.00			
	140	5700	12.79	12.20	15.52	17.00			



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
	U-NII-3	144	5720	MCS0	13.11	12.88	16.01	17.00		
		149	5745		15.07	15.60	18.35	19.50		
		153	5765		15.07	15.64	18.37	19.50		
		157	5785		15.21	15.81	18.53	19.50		
		161	5805		15.56	15.75	18.67	19.50		
		165	5825		15.64	15.87	18.77	19.50		
802.11n-HT40	U-NII-1	38	5190	MCS0	14.40	14.63	17.53	18.50		
		46	5230		14.45	14.72	17.60	18.50		
	U-NII-2A	54	5270		14.51	14.28	17.41	18.50		
		62	5310		14.77	14.53	17.66	18.50		
	U-NII-2C	102	5510		14.85	14.62	17.75	18.50		
		110	5550		14.69	14.68	17.70	18.50		
		118	5590		14.49	13.83	17.18	18.50		
		126	5630		14.20	13.75	16.99	18.50		
		134	5670		14.24	13.84	17.05	18.50		
		142	5710		14.64	14.04	17.36	18.50		
	U-NII-3	151	5755		15.31	14.89	18.12	19.00		
		159	5795		15.38	15.12	18.26	19.00		
	802.11ac VHT20	U-NII-1	36		5180	MCS0	12.82	13.68	16.28	17.00
			40		5200		12.38	13.38	15.92	17.00
44			5220	12.37	13.22		15.83	17.00		
48			5240	12.72	13.57		16.18	17.00		
U-NII-2A		52	5260	13.03	12.93		15.99	17.00		
		56	5280	12.45	12.84		15.66	17.00		
		60	5300	13.04	12.98		16.02	17.00		
U-NII-2C		64	5320	13.04	13.32		16.19	17.00		
		100	5500	13.17	13.23		16.21	17.00		
		104	5520	13.29	13.25		16.28	17.00		
		108	5540	13.48	13.43		16.47	17.00		
		112	5560	13.35	13.00		16.19	17.00		
		116	5580	13.34	12.70		16.04	17.00		
		120	5600	13.33	12.97		16.16	17.00		
		124	5620	13.22	13.03		16.14	17.00		
		128	5640	13.19	12.48		15.86	17.00		
		132	5660	13.01	12.59		15.82	17.00		
		136	5680	13.00	12.54		15.79	17.00		
		140	5700	12.81	12.11		15.48	17.00		



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
	U-NII-3	144	5720	MCS0	12.95	12.70	15.84	17.00		
		149	5745		14.45	14.80	17.64	18.50		
		153	5765		14.51	14.99	17.77	18.50		
		157	5785		14.37	15.02	17.72	18.50		
		161	5805		14.62	15.17	17.91	18.50		
		165	5825		14.63	14.84	17.75	18.50		
802.11ac VHT40	U-NII-1	38	5190	MCS0	14.43	14.52	17.49	18.50		
		46	5230		14.40	14.64	17.53	18.50		
	U-NII-2A	54	5270		14.50	14.26	17.39	18.50		
		62	5310		14.70	14.41	17.57	18.50		
	U-NII-2C	102	5510		14.95	14.54	17.76	18.50		
		110	5550		14.73	14.60	17.68	18.50		
		118	5590		14.32	13.89	17.12	18.50		
		126	5630		14.34	13.65	17.02	18.50		
		134	5670		14.27	13.80	17.05	18.50		
		142	5710		14.65	14.04	17.37	18.50		
	U-NII-3	151	5755		15.31	14.77	18.06	19.00		
		159	5795		15.28	14.97	18.14	19.00		
	802.11ac VHT80	U-NII-1	42		5210	MCS0	14.32	14.05	17.20	18.00
			58		5290		14.06	13.62	16.86	18.00
U-NII-2C		106	5530	12.84	13.52		16.20	17.00		
		122	5610	14.59	13.76		17.21	18.50		
		138	5690	14.60	14.24		17.43	18.50		
U-NII-3		155	5775	15.31	14.32		17.85	19.00		
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	11.49	12.11	14.82	15.50		
		114	5570		11.22	11.56	14.40	15.50		
802.11ax HEW20	U-NII-1	36	5180	MCS0	12.81	13.62	16.24	17.00		
		40	5200		12.33	13.37	15.89	17.00		
		44	5220		12.58	13.26	15.94	17.00		
		48	5240		12.97	13.58	16.30	17.00		
	U-NII-2A	52	5260		13.13	12.99	16.07	17.00		
		56	5280		12.48	12.90	15.71	17.00		
		60	5300		13.13	13.05	16.10	17.00		



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		64	5320		13.24	13.41	16.34	17.00		
		100	5500		13.24	13.40	16.33	17.00		
		104	5520		13.34	13.28	16.32	17.00		
		108	5540		13.47	13.40	16.45	17.00		
		112	5560		13.59	13.05	16.34	17.00		
		116	5580		13.57	12.71	16.17	17.00		
		120	5600		13.34	12.92	16.15	17.00		
		124	5620		13.19	12.97	16.09	17.00		
		128	5640		13.28	12.62	15.97	17.00		
		132	5660		13.18	12.61	15.91	17.00		
		136	5680		13.06	12.50	15.80	17.00		
		140	5700		12.75	12.19	15.49	17.00		
		144	5720		13.09	13.04	16.08	17.00		
		149	5745		15.04	15.72	18.40	19.50		
		153	5765		15.08	15.68	18.40	19.50		
		157	5785		15.32	15.98	18.67	19.50		
		161	5805		15.73	16.01	18.88	19.50		
		165	5825		15.62	15.95	18.80	19.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ax HEW40	U-NII-1	38	5190	MCS0	14.49	14.75	17.63	18.50		
		46	5230		14.36	14.85	17.62	18.50		
	U-NII-2A	54	5270		14.64	14.36	17.51	18.50		
		62	5310		14.74	14.57	17.67	18.50		
	U-NII-2C	102	5510		15.01	14.69	17.86	18.50		
		110	5550		14.77	14.65	17.72	18.50		
		118	5590		14.43	13.88	17.17	18.50		
		126	5630		14.34	13.80	17.09	18.50		
		134	5670		14.25	13.68	16.98	18.50		
	U-NII-3	142	5710		14.63	13.99	17.33	18.50		
		151	5755		15.56	15.00	18.30	19.00		
		159	5795		15.66	15.28	18.48	19.00		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ax HEW80	U-NII-1	42		5210	MCS0	14.40	14.10	17.26	18.00
U-NII-2A		58	5290	14.00	13.66		16.84	18.00		
U-NII-2C		106	5530	12.90	13.59		16.27	17.00		
		122	5610	14.70	14.04		17.39	18.50		
U-NII-3		138	5690	14.69	14.16		17.44	18.50		
		155	5775	15.46	14.49		18.01	19.00		



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	11.47	12.29	14.91	15.50
	U-NII-2C	114	5570		11.24	11.72	14.50	15.50

WIFI 5G Ant 5 Hotspot DBS							
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11a	U-NII-1	36	5180	6	6.00	7.00	
		40	5200		5.75	7.00	
		44	5220		6.10	7.00	
		48	5240		6.44	7.00	
	U-NII-2A	52	5260		14.10	15.50	
		56	5280		14.17	15.50	
		60	5300		14.12	15.50	
		64	5320		14.21	15.50	
		U-NII-2C	100		5500	14.50	15.50
			104		5520	14.74	15.50
	108		5540		15.08	15.50	
	112		5560		15.17	15.50	
	116		5580		15.10	15.50	
	120		5600		15.04	15.50	
	124		5620		14.74	15.50	
	128		5640		14.97	15.50	
	132		5660		14.94	15.50	
	136		5680		14.55	15.50	
	U-NII-3	140	5700		14.28	15.50	
		144	5720		14.64	15.50	
		149	5745		9.08	10.00	
		153	5765		8.78	10.00	
		157	5785		8.80	10.00	
		161	5805		9.13	10.00	
165	5825	9.57	10.00				
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11n-HT20	U-NII-1	36	5180	MCS0	7.44	8.50	
		40	5200		6.73	8.50	
		44	5220		6.99	8.50	
		48	5240		7.45	8.50	
	U-NII-2A	52	5260		15.19	16.00	



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		56	5280		14.57	16.00
		60	5300		15.21	16.00
		64	5320		15.08	16.00
	U-NII-2C	100	5500		15.11	16.00
		104	5520		15.16	16.00
		108	5540		15.35	16.00
		112	5560		15.44	16.00
		116	5580		15.55	16.00
		120	5600		15.43	16.00
		124	5620		15.41	16.00
		128	5640		15.22	16.00
		132	5660		15.20	16.00
		136	5680		15.00	16.00
		140	5700		14.76	16.00
		144	5720		15.08	16.00
	U-NII-3	149	5745		8.47	10.00
		153	5765		8.59	10.00
		157	5785		8.81	10.00
		161	5805		8.99	10.00
		165	5825		9.20	10.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	9.05	10.00
		46	5230		9.18	10.00
	U-NII-2A	54	5270		16.65	17.50
		62	5310		16.80	17.50
	U-NII-2C	102	5510		17.03	17.50
		110	5550		16.83	17.50
		118	5590		16.48	17.50
		126	5630		16.19	17.50
		134	5670		16.18	17.50
		142	5710		16.46	17.50
	U-NII-3	151	5755		8.99	9.50
		159	5795		8.92	9.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	7.44	8.50
		40	5200		7.07	8.50
		44	5220		7.06	8.50
		48	5240		7.38	8.50
	U-NII-2A	52	5260		14.84	16.00
		56	5280		14.30	16.00



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		60	5300		14.95	16.00
		64	5320		14.94	16.00
	U-NII-2C	100	5500		15.13	16.00
		104	5520		15.49	16.00
		108	5540		15.41	16.00
		112	5560		15.31	16.00
		116	5580		15.29	16.00
		120	5600		15.43	16.00
		124	5620		15.14	16.00
		128	5640		15.08	16.00
		132	5660		15.15	16.00
		136	5680		14.99	16.00
		140	5700		14.87	16.00
		144	5720		15.11	16.00
	U-NII-3	149	5745		8.18	9.00
		153	5765		7.84	9.00
		157	5785		7.88	9.00
		161	5805		7.94	9.00
		165	5825		8.19	9.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	8.84	10.00
		46	5230		8.80	10.00
	U-NII-2A	54	5270		16.53	17.50
		62	5310		16.59	17.50
	U-NII-2C	102	5510		16.99	17.50
		110	5550		16.58	17.50
		118	5590		16.25	17.50
		126	5630		16.52	17.50
		134	5670		16.35	17.50
		142	5710		16.57	17.50
	U-NII-3	151	5755		8.79	9.50
		159	5795		8.81	9.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	8.98	9.50
	U-NII-2A	58	5290		16.13	17.00
	U-NII-2C	106	5530		14.74	16.00
		122	5610		16.54	17.50
		138	5690		16.79	17.50
	U-NII-3	155	5775		8.89	9.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	6.12	7.00
	U-NII-2C	114	5570		13.14	14.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	#VALUE!	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	7.33	8.50
		40	5200		7.04	8.50
		44	5220		7.26	8.50
		48	5240		7.60	8.50
	U-NII-2A	52	5260		15.15	16.00
		56	5280		14.62	16.00
		60	5300		15.17	16.00
		64	5320		15.32	16.00
	U-NII-2C	100	5500		15.41	16.00
		104	5520		15.39	16.00
		108	5540		15.57	16.00
		112	5560		15.59	16.00
		116	5580		15.61	16.00
		120	5600		15.40	16.00
		124	5620		15.13	16.00
		128	5640		15.25	16.00
		132	5660		15.22	16.00
		136	5680		14.94	16.00
		140	5700		14.87	16.00
		144	5720		15.09	16.00
	U-NII-3	149	5745		8.48	10.00
		153	5765		8.72	10.00
		157	5785		9.05	10.00
		161	5805		9.33	10.00
165		5825	9.18	10.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	8.86	10.00
		46	5230		9.01	10.00
	U-NII-2A	54	5270		16.81	17.50
		62	5310		16.83	17.50
	U-NII-2C	102	5510		17.08	17.50
		110	5550		16.80	17.50
		118	5590		16.67	17.50
		126	5630		16.36	17.50
		134	5670		16.35	17.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-3	142	5710	MCS0	16.67	17.50
		151	5755		8.99	9.50
		159	5795		9.05	9.50
802.11ax HEW80	U-NII-1	42	5210	MCS0	9.05	9.50
		58	5290		16.01	17.00
	U-NII-2C	106	5530		14.77	16.00
		122	5610		16.75	17.50
		138	5690		16.58	17.50
	U-NII-3	155	5775		9.04	9.50
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	6.14	7.00
		114	5570		13.28	14.50

WIFI 5G Ant 4 Hotspot DBS						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	7.13	8.00
		40	5200		7.00	8.00
		44	5220		6.99	8.00
		48	5240		7.68	8.00
	U-NII-2A	52	5260		14.42	15.50
		56	5280		14.82	15.50
		60	5300		14.67	15.50
		64	5320		14.49	15.50
	U-NII-2C	100	5500		14.10	15.50
		104	5520		14.35	15.50
		108	5540		13.89	15.50
		112	5560		14.17	15.50
		116	5580		13.91	15.50
		120	5600		14.26	15.50
		124	5620		13.77	15.50
		128	5640		13.75	15.50
		132	5660		13.54	15.50
		136	5680		13.87	15.50
	U-NII-3	140	5700		13.61	15.50
		144	5720		14.78	15.50
149		5745	9.34	10.00		
153		5765	9.42	10.00		



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	157	5785	MCS0	9.46	10.00
		161	5805		9.30	10.00
		165	5825		9.64	10.00
	U-NII-2A	36	5180		8.12	8.50
		40	5200		7.88	8.50
		44	5220		7.82	8.50
		48	5240		8.09	8.50
		52	5260		14.94	16.00
		56	5280		14.83	16.00
	U-NII-2C	60	5300		14.93	16.00
		64	5320		15.16	16.00
		100	5500		15.42	16.00
		104	5520		15.31	16.00
		108	5540		15.28	16.00
		112	5560		15.07	16.00
		116	5580		14.74	16.00
		120	5600		14.89	16.00
		124	5620		15.02	16.00
		128	5640		14.57	16.00
		132	5660		14.68	16.00
U-NII-3	136	5680	14.48	16.00		
	140	5700	14.16	16.00		
	144	5720	14.87	16.00		
	149	5745	9.04	10.00		
	153	5765	9.25	10.00		
802.11n-HT40	U-NII-1	157	5785	9.16	10.00	
		161	5805	9.20	10.00	
	U-NII-2C	165	5825	9.38	10.00	
		38	5190	9.26	10.00	
46		5230	9.40	10.00		
54		5270	16.23	17.50		
62		5310	16.47	17.50		
102		5510	16.56	17.50		
110		5550	16.56	17.50		
118		5590	15.95	17.50		
126	5630	15.60	17.50			
134	5670	16.05	17.50			
142	5710	16.00	17.50			



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-3	151	5755	MCS0	8.51	9.50
		159	5795		8.62	9.50
	U-NII-1	36	5180		8.08	8.50
		40	5200		7.74	8.50
		44	5220		7.86	8.50
		48	5240		7.92	8.50
	U-NII-2A	52	5260		15.01	16.00
		56	5280		14.94	16.00
		60	5300		14.84	16.00
		64	5320		15.44	16.00
	U-NII-2C	100	5500		15.33	16.00
		104	5520		15.40	16.00
		108	5540		15.29	16.00
		112	5560		15.17	16.00
		116	5580		14.71	16.00
		120	5600		14.87	16.00
		124	5620		14.83	16.00
		128	5640		14.40	16.00
		132	5660		14.66	16.00
		136	5680		14.54	16.00
U-NII-3	140	5700	14.26	16.00		
	144	5720	14.84	16.00		
	149	5745	8.36	9.00		
	153	5765	8.58	9.00		
	157	5785	8.50	9.00		
	161	5805	8.67	9.00		
		165	5825	8.48	9.00	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	8.99	10.00
		46	5230		9.07	10.00
	U-NII-2A	54	5270		16.33	17.50
		62	5310		16.24	17.50
	U-NII-2C	102	5510		16.51	17.50
		110	5550		16.64	17.50
		118	5590		15.77	17.50
		126	5630		15.70	17.50
		134	5670		16.05	17.50
	U-NII-3	142	5710		16.06	17.50
		151	5755		8.22	9.50



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Mode	5GHz	159 Channel	5795 Frequency(MHz)	Data Rate(Mbps)	8.68 Average Power (dBm)	9.50 Tune up		
802.11ac VHT80	U-NII-1	42	5210	MCS0	8.54	9.50		
	U-NII-2A	58	5290		15.51	17.00		
	U-NII-2C	106	5530		15.56	16.00		
		122	5610		16.05	17.50		
		138	5690		16.16	17.50		
	U-NII-3	155	5775		7.81	9.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	6.69	7.00		
	U-NII-2C	114	5570		13.59	14.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	#VALUE!	Tune up		
802.11ax HEW20	U-NII-1	36	5180	MCS0	8.06	8.50		
		40	5200		7.86	8.50		
		44	5220		7.79	8.50		
		48	5240		8.14	8.50		
	U-NII-2A	52	5260		15.11	16.00		
		56	5280		14.96	16.00		
		60	5300		15.05	16.00		
		64	5320		15.42	16.00		
	U-NII-2C	100	5500		15.55	16.00		
		104	5520		15.18	16.00		
		108	5540		15.58	16.00		
		112	5560		15.16	16.00		
		116	5580		14.73	16.00		
		120	5600		15.03	16.00		
		124	5620		15.22	16.00		
		128	5640		14.44	16.00		
		132	5660		14.73	16.00		
		136	5680		14.59	16.00		
		140	5700		14.40	16.00		
		144	5720		15.12	16.00		
		U-NII-3	149		5745	9.14	10.00	
			153		5765	9.16	10.00	
	157		5785		9.26	10.00		
	161		5805		9.35	10.00		
	165		5825		9.30	10.00		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up



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802.11ax HEW40	U-NII-1	38	5190	MCS0	9.22	10.00
		46	5230		9.14	10.00
	U-NII-2A	54	5270		16.30	17.50
		62	5310		16.73	17.50
	U-NII-2C	102	5510		16.80	17.50
		110	5550		16.78	17.50
		118	5590		15.81	17.50
		126	5630		15.74	17.50
		134	5670		15.87	17.50
	U-NII-3	142	5710		15.94	17.50
151		5755	8.37	9.50		
		159	5795		8.66	9.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	8.66	9.50
		58	5290		15.75	17.00
	U-NII-2C	106	5530		15.63	16.00
		122	5610		16.21	17.50
		138	5690		16.15	17.50
U-NII-3	155	5775	8.15	9.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	6.72	7.00
		114	5570		13.84	14.50

WIFI 5G MIMO Hotspot DBS								
Mode	5GHz	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	6.00	7.13	9.61	10.50
		40	5200		5.75	7.00	9.43	10.50
		44	5220		6.10	6.99	9.58	10.50
		48	5240		6.44	7.68	10.11	10.50
	U-NII-2A	52	5260		14.10	14.42	17.27	18.50
		56	5280		14.17	14.82	17.52	18.50
		60	5300		14.12	14.67	17.41	18.50
		64	5320		14.21	14.49	17.36	18.50
	U-NII-2C	100	5500		14.50	14.10	17.31	18.50
		104	5520		14.74	14.35	17.56	18.50
		108	5540		15.08	13.89	17.54	18.50
		112	5560		15.17	14.17	17.71	18.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11n-HT20	U-NII-1	116	5580	MCS0	15.10	13.91	17.56	18.50	
		120	5600		15.04	14.26	17.68	18.50	
		124	5620		14.74	13.77	17.29	18.50	
		128	5640		14.97	13.75	17.41	18.50	
		132	5660		14.94	13.54	17.31	18.50	
		136	5680		14.55	13.87	17.23	18.50	
		140	5700		14.28	13.61	16.97	18.50	
		144	5720		14.64	14.78	17.72	18.50	
	U-NII-3	149	5745		9.08	9.34	12.22	13.00	
		153	5765		8.78	9.42	12.12	13.00	
		157	5785		8.80	9.46	12.15	13.00	
		161	5805		9.13	9.30	12.23	13.00	
		165	5825		9.57	9.64	12.62	13.00	
	U-NII-2A	36	5180		7.44	8.12	10.80	11.50	
		40	5200		6.73	7.88	10.35	11.50	
		44	5220		6.99	7.82	10.44	11.50	
		48	5240		7.45	8.09	10.79	11.50	
		52	5260		15.19	14.94	18.08	19.00	
		56	5280		14.57	14.83	17.71	19.00	
		60	5300		15.21	14.93	18.08	19.00	
		64	5320		15.08	15.16	18.13	19.00	
		U-NII-2C	100		5500	15.11	15.42	18.28	19.00
			104		5520	15.16	15.31	18.25	19.00
			108		5540	15.35	15.28	18.33	19.00
			112		5560	15.44	15.07	18.27	19.00
	116		5580		15.55	14.74	18.17	19.00	
	120		5600		15.43	14.89	18.18	19.00	
	124		5620		15.41	15.02	18.23	19.00	
128	5640		15.22	14.57	17.92	19.00			
132	5660		15.20	14.68	17.96	19.00			
136	5680		15.00	14.48	17.76	19.00			
U-NII-3	140	5700	14.76	14.16	17.48	19.00			
	144	5720	15.08	14.87	17.99	19.00			
	149	5745	8.47	9.04	11.77	13.00			
	153	5765	8.59	9.25	11.94	13.00			
	157	5785	8.81	9.16	12.00	13.00			
U-NII-3	161	5805	8.99	9.20	12.11	13.00			
	165	5825	9.20	9.38	12.30	13.00			



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Mode	5GHz	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	9.05	9.26	12.17	13.00		
		46	5230		9.18	9.40	12.30	13.00		
	U-NII-2A	54	5270		16.65	16.23	19.46	20.50		
		62	5310		16.80	16.47	19.65	20.50		
	U-NII-2C	102	5510		17.03	16.56	19.81	20.50		
		110	5550		16.83	16.56	19.71	20.50		
		118	5590		16.48	15.95	19.23	20.50		
		126	5630		16.19	15.60	18.92	20.50		
		134	5670		16.18	16.05	19.13	20.50		
		142	5710		16.46	16.00	19.25	20.50		
	U-NII-3	151	5755		8.99	8.51	11.77	12.50		
		159	5795		8.92	8.62	11.78	12.50		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ac VHT20	U-NII-1	36		5180	MCS0	7.44	8.08	10.78	11.50
40			5200	7.07	7.74		10.43	11.50		
44			5220	7.06	7.86		10.49	11.50		
48			5240	7.38	7.92		10.67	11.50		
U-NII-2A		52	5260	14.84	15.01		17.94	19.00		
		56	5280	14.30	14.94		17.64	19.00		
		60	5300	14.95	14.84		17.91	19.00		
		64	5320	14.94	15.44		18.21	19.00		
U-NII-2C		100	5500	15.13	15.33		18.24	19.00		
		104	5520	15.49	15.40		18.46	19.00		
		108	5540	15.41	15.29		18.36	19.00		
		112	5560	15.31	15.17		18.25	19.00		
		116	5580	15.29	14.71		18.02	19.00		
		120	5600	15.43	14.87		18.17	19.00		
		124	5620	15.14	14.83		18.00	19.00		
		128	5640	15.08	14.40		17.76	19.00		
		132	5660	15.15	14.66		17.92	19.00		
		136	5680	14.99	14.54		17.78	19.00		
		140	5700	14.87	14.26		17.59	19.00		
		144	5720	15.11	14.84		17.99	19.00		
		U-NII-3	149	5745	8.18		8.36	11.28	12.00	
			153	5765	7.84		8.58	11.24	12.00	
157			5785	7.88	8.50		11.21	12.00		
161			5805	7.94	8.67		11.33	12.00		
165			5825	8.19	8.48		11.35	12.00		



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac VHT40	U-NII-1	38	5190	MCS0	8.84	8.99	11.93	13.00		
		46	5230		8.80	9.07	11.95	13.00		
	U-NII-2A	54	5270		16.53	16.33	19.44	20.50		
		62	5310		16.59	16.24	19.43	20.50		
	U-NII-2C	102	5510		16.99	16.51	19.77	20.50		
		110	5550		16.58	16.64	19.62	20.50		
		118	5590		16.25	15.77	19.03	20.50		
		126	5630		16.52	15.70	19.14	20.50		
		134	5670		16.35	16.05	19.21	20.50		
	U-NII-3	142	5710		16.57	16.06	19.33	20.50		
		151	5755		8.79	8.22	11.52	12.50		
			159		5795	8.81	8.68	11.76	12.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac VHT80	U-NII-1	42	5210	MCS0	8.98	8.54	11.78	12.50		
	U-NII-2A	58	5290		16.13	15.51	18.84	20.00		
	U-NII-2C	106	5530		14.74	15.56	18.18	19.00		
		122	5610		16.54	16.05	19.31	20.50		
		138	5690		16.79	16.16	19.50	20.50		
	U-NII-3	155	5775		8.89	7.81	11.39	12.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	6.12	6.69	9.42	10.00		
	U-NII-2C	114	5570		13.14	13.59	16.38	17.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ax HEW20	U-NII-1	36	5180	MCS0	7.33	8.06	10.72	11.50		
		40	5200		7.04	7.86	10.48	11.50		
		44	5220		7.26	7.79	10.54	11.50		
		48	5240		7.60	8.14	10.89	11.50		
	U-NII-2A	52	5260		15.15	15.11	18.14	19.00		
		56	5280		14.62	14.96	17.80	19.00		
		60	5300		15.17	15.05	18.12	19.00		
		64	5320		15.32	15.42	18.38	19.00		
	U-NII-2C	100	5500		15.41	15.55	18.49	19.00		
		104	5520		15.39	15.18	18.30	19.00		
		108	5540		15.57	15.58	18.59	19.00		
		112	5560		15.59	15.16	18.39	19.00		
					116	5580	15.61	14.73	18.20	19.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up			
			120	5600	15.40	15.03	18.23	19.00			
			124	5620	15.13	15.22	18.19	19.00			
			128	5640	15.25	14.44	17.87	19.00			
			132	5660	15.22	14.73	17.99	19.00			
			136	5680	14.94	14.59	17.78	19.00			
			140	5700	14.87	14.40	17.65	19.00			
			144	5720	15.09	15.12	18.12	19.00			
			U-NII-3	149	5745	8.48	9.14	11.83	13.00		
				153	5765	8.72	9.16	11.96	13.00		
				157	5785	9.05	9.26	12.17	13.00		
				161	5805	9.33	9.35	12.35	13.00		
				165	5825	9.18	9.30	12.25	13.00		
			802.11ax HEW40	U-NII-1	38	5190	MCS0	8.86	9.22	12.05	13.00
					46	5230		9.01	9.14	12.09	13.00
				U-NII-2A	54	5270		16.81	16.30	19.57	20.50
62	5310	16.83			16.73	19.79		20.50			
U-NII-2C	102	5510		17.08	16.80	19.95		20.50			
	110	5550		16.80	16.78	19.80		20.50			
	118	5590		16.67	15.81	19.27		20.50			
	126	5630		16.36	15.74	19.07		20.50			
	134	5670		16.35	15.87	19.13		20.50			
U-NII-3	142	5710		16.67	15.94	19.33		20.50			
	151	5755		8.99	8.37	11.70		12.50			
	159	5795		9.05	8.66	11.87		12.50			
802.11ax HEW80	U-NII-1	42		5210	MCS0	9.05		8.66	11.87	12.50	
		58		5290		16.01		15.75	18.89	20.00	
	U-NII-2C	106		5530		14.77		15.63	18.23	19.00	
		122	5610	16.75		16.21	19.50	20.50			
		138	5690	16.58		16.15	19.38	20.50			
	U-NII-3	155	5775	9.04		8.15	11.63	12.50			
	802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250		MCS0	6.14	6.72	9.45	10.00	
114			5570	13.28	13.84		16.58	17.50			



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WIFI 5G Ant 5 Product specific 0mm Non-DBS							
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11a	U-NII-1	36	5180	6	11.90	13.00	12.50
		40	5200		11.84	13.00	12.50
		44	5220		12.02	13.00	12.50
		48	5240		12.43	13.00	12.50
	U-NII-2A	52	5260		12.50	14.00	12.50
		56	5280		12.61	14.00	12.50
		60	5300		12.69	14.00	12.50
		64	5320		12.67	14.00	12.50
	U-NII-2C	100	5500		12.84	14.00	11.50
		104	5520		13.21	14.00	11.50
		108	5540		13.35	14.00	11.50
		112	5560		13.55	14.00	11.50
		116	5580		13.59	14.00	11.50
		120	5600		13.61	14.00	11.50
		124	5620		13.33	14.00	11.50
		128	5640		13.34	14.00	11.50
		132	5660		13.40	14.00	11.50
		136	5680		13.03	14.00	11.50
	U-NII-3	140	5700		12.80	14.00	11.50
		144	5720		12.97	14.00	11.50
		149	5745		15.89	17.00	16.50
		153	5765		15.83	17.00	16.50
		157	5785		15.82	17.00	16.50
			161		5805	16.05	17.00
		165	5825	16.57	17.00	16.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11n-HT20	U-NII-1	36	5180	MCS0	13.33	14.50	13.00
		40	5200		12.77	14.50	13.00
		44	5220		12.96	14.50	13.00
		48	5240		13.36	14.50	13.00
	U-NII-2A	52	5260		13.60	14.50	12.50
		56	5280		13.05	14.50	12.50
		60	5300		13.53	14.50	12.50
		64	5320		13.62	14.50	12.50
	U-NII-2C	100	5500		13.74	14.50	12.50
		104	5520		13.78	14.50	12.50



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		108	5540		13.98	14.50	12.50	
		112	5560		13.94	14.50	12.50	
		116	5580		13.97	14.50	12.50	
		120	5600		13.89	14.50	12.50	
		124	5620		13.69	14.50	12.50	
		128	5640		13.70	14.50	12.50	
		132	5660		13.63	14.50	12.50	
		136	5680		13.53	14.50	12.50	
		140	5700		13.38	14.50	12.50	
		144	5720		13.65	14.50	12.50	
	U-NII-3	149	5745		15.49	17.00	16.50	
		153	5765		15.49	17.00	16.50	
		157	5785		15.77	17.00	16.50	
		161	5805		16.07	17.00	16.50	
		165	5825		16.16	17.00	16.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting	
802.11n- HT40	U-NII-1	38	5190	MCS0	14.97	16.00	14.50	
		46	5230		14.92	16.00	14.50	
	U-NII-2A	54	5270		14.98	16.00	14.00	
		62	5310		15.22	16.00	14.00	
	U-NII-2C	102	5510		15.42	16.00	14.00	
		110	5550		15.22	16.00	14.00	
		118	5590		14.94	16.00	14.00	
		126	5630		14.79	16.00	14.00	
		134	5670		14.71	16.00	14.00	
	U-NII-3	142	5710		15.11	16.00	14.00	
		151	5755		15.80	16.50	15.50	
			159		5795	15.79	16.50	15.50
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	13.35	14.50	13.00	
		40	5200		12.89	14.50	13.00	
		44	5220		12.89	14.50	13.00	
		48	5240		13.29	14.50	13.00	
	U-NII-2A	52	5260		13.53	14.50	12.50	
		56	5280		12.95	14.50	12.50	
		60	5300		13.55	14.50	12.50	
		64	5320		13.57	14.50	12.50	
	U-NII-2C	100	5500		13.68	14.50	12.50	
		104	5520		13.82	14.50	12.50	



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		108	5540		13.98	14.50	12.50	
		112	5560		13.92	14.50	12.50	
		116	5580		13.83	14.50	12.50	
		120	5600		13.87	14.50	12.50	
		124	5620		13.69	14.50	12.50	
		128	5640		13.72	14.50	12.50	
		132	5660		13.63	14.50	12.50	
		136	5680		13.50	14.50	12.50	
		140	5700		13.39	14.50	12.50	
		144	5720		13.48	14.50	12.50	
	U-NII-3	149	5745		15.01	16.00	15.50	
		153	5765		14.92	16.00	15.50	
		157	5785		14.77	16.00	15.50	
		161	5805		15.12	16.00	15.50	
		165	5825		15.15	16.00	15.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting	
802.11ac VHT40	U-NII-1	38	5190	MCS0	14.92	16.00	14.50	
		46	5230		14.96	16.00	14.50	
	U-NII-2A	54	5270		14.96	16.00	14.00	
		62	5310		15.23	16.00	14.00	
	U-NII-2C	102	5510		15.38	16.00	14.00	
		110	5550		15.25	16.00	14.00	
		118	5590		14.89	16.00	14.00	
		126	5630		14.84	16.00	14.00	
		134	5670		14.71	16.00	14.00	
	U-NII-3	142	5710		15.04	16.00	14.00	
		151	5755		15.77	16.50	15.50	
			159		5795	15.78	16.50	15.50
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	14.86	15.50	15.50	
	U-NII-2A	58	5290		14.51	15.50	13.50	
		106	5530		13.31	14.50	13.50	
	U-NII-2C	122	5610		15.13	16.00	14.50	
		138	5690		15.20	16.00	14.50	
	U-NII-3	155	5775		15.83	16.50	15.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting	
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	11.95	13.00	12.50	
		114	5570		11.73	13.00	11.50	



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ax HEW20	U-NII-1	36	5180	MCS0	13.32	14.50	13.00
		40	5200		12.87	14.50	13.00
		44	5220		13.10	14.50	13.00
		48	5240		13.53	14.50	13.00
	U-NII-2A	52	5260		13.53	14.50	12.50
		56	5280		13.00	14.50	12.50
		60	5300		13.53	14.50	12.50
		64	5320		13.72	14.50	12.50
	U-NII-2C	100	5500		13.74	14.50	12.50
		104	5520		13.86	14.50	12.50
		108	5540		13.96	14.50	12.50
		112	5560		14.05	14.50	12.50
		116	5580		14.04	14.50	12.50
		120	5600		13.89	14.50	12.50
		124	5620		13.77	14.50	12.50
		128	5640		13.70	14.50	12.50
		132	5660		13.70	14.50	12.50
		136	5680		13.52	14.50	12.50
	U-NII-3	140	5700		13.29	14.50	12.50
		144	5720		13.58	14.50	12.50
		149	5745		15.59	17.00	16.50
		153	5765		15.53	17.00	16.50
		157	5785		15.96	17.00	16.50
		161	5805		16.19	17.00	16.50
165		5825	16.23	17.00	16.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ax HEW40	U-NII-1	38	5190	MCS0	14.95	16.00	14.50
		46	5230		14.96	16.00	14.50
	U-NII-2A	54	5270		15.18	16.00	14.00
		62	5310		15.23	16.00	14.00
	U-NII-2C	102	5510		15.47	16.00	14.00
		110	5550		15.24	16.00	14.00
		118	5590		14.92	16.00	14.00
		126	5630		14.86	16.00	14.00
		134	5670		14.71	16.00	14.00
		142	5710		15.14	16.00	14.00
	U-NII-3	151	5755		16.04	16.50	15.50
		159	5795		16.14	16.50	15.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ax HEW80	U-NII-1	42	5210	MCS0	14.87	15.50	15.50
	U-NII-2A	58	5290		14.54	15.50	13.50
	U-NII-2C	106	5530		13.37	14.50	13.50
		122	5610		15.14	16.00	14.50
		138	5690		15.16	16.00	14.50
	U-NII-3	155	5775		15.91	16.50	15.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	12.06	13.00	12.50
	U-NII-2C	114	5570		11.80	13.00	11.50

WIFI 5G Ant 4 Product specific 0mm Non-DBS							
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11a	U-NII-1	36	5180	6	13.08	14.00	
		40	5200		12.74	14.00	
		44	5220		12.88	14.00	
		48	5240		13.58	14.00	
	U-NII-2A	52	5260		12.93	14.00	
		56	5280		13.24	14.00	
		60	5300		13.16	14.00	
		64	5320		13.02	14.00	
	U-NII-2C	100	5500		12.39	14.00	
		104	5520		12.79	14.00	
		108	5540		12.58	14.00	
		112	5560		12.51	14.00	
		116	5580		12.49	14.00	
		120	5600		12.68	14.00	
		124	5620		12.34	14.00	
		128	5640		12.32	14.00	
		132	5660		12.06	14.00	
		136	5680		12.35	14.00	
		140	5700		12.15	14.00	
		144	5720		13.22	14.00	
U-NII-3	149	5745	16.43	17.00			
	153	5765	16.37	17.00			
	157	5785	16.61	17.00			
	161	5805	16.22	17.00			



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Mode	5GHz	165 Channel	5825 Frequency(MHz)	Data Rate(Mbps)	16.65 Average Power (dBm)	17.00 Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.14	14.50
		40	5200		13.89	14.50
		44	5220		13.76	14.50
		48	5240		14.09	14.50
	U-NII-2A	52	5260		13.49	14.50
		56	5280		13.38	14.50
		60	5300		13.54	14.50
		64	5320		13.81	14.50
	U-NII-2C	100	5500		13.83	14.50
		104	5520		13.72	14.50
		108	5540		13.88	14.50
		112	5560		13.58	14.50
		116	5580		13.13	14.50
		120	5600		13.35	14.50
		124	5620		13.51	14.50
		128	5640		13.06	14.50
		132	5660		13.20	14.50
		136	5680		12.99	14.50
	U-NII-3	140	5700		12.75	14.50
		144	5720		13.33	14.50
149		5745	16.12	17.00		
153		5765	16.18	17.00		
157		5785	16.23	17.00		
161		5805	16.29	17.00		
		165	5825	16.40	17.00	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	15.16	16.00
		46	5230		15.20	16.00
	U-NII-2A	54	5270		14.69	16.00
		62	5310		14.99	16.00
	U-NII-2C	102	5510		15.17	16.00
		110	5550		15.11	16.00
		118	5590		14.38	16.00
		126	5630		14.22	16.00
		134	5670		14.42	16.00
		142	5710		14.50	16.00
	U-NII-3	151	5755		15.36	16.50
		159	5795		15.63	16.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	14.08	14.50
		40	5200		13.82	14.50
		44	5220		13.68	14.50
		48	5240		13.99	14.50
	U-NII-2A	52	5260		13.56	14.50
		56	5280		13.35	14.50
		60	5300		13.46	14.50
		64	5320		13.80	14.50
	U-NII-2C	100	5500		13.78	14.50
		104	5520		13.78	14.50
		108	5540		13.83	14.50
		112	5560		13.49	14.50
		116	5580		13.12	14.50
		120	5600		13.41	14.50
		124	5620		13.46	14.50
		128	5640		13.07	14.50
		132	5660		13.07	14.50
		136	5680		13.03	14.50
	U-NII-3	140	5700		12.63	14.50
		144	5720		13.12	14.50
149		5745	15.36	16.00		
153		5765	15.52	16.00		
157		5785	15.58	16.00		
	U-NII-3	161	5805	15.65	16.00	
		165	5825	15.37	16.00	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	15.05	16.00
		46	5230		15.14	16.00
	U-NII-2A	54	5270		14.78	16.00
		62	5310		14.91	16.00
	U-NII-2C	102	5510		15.12	16.00
		110	5550		15.14	16.00
		118	5590		14.35	16.00
		126	5630		14.22	16.00
		134	5670		14.33	16.00
		142	5710		14.52	16.00
	U-NII-3	151	5755		15.34	16.50
		159	5795		15.53	16.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	14.53	15.50
	U-NII-2A	58	5290		14.12	15.50
	U-NII-2C	106	5530		13.98	14.50
		122	5610		14.32	16.00
		138	5690		14.69	16.00
	U-NII-3	155	5775		14.86	16.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	12.63	13.00
	U-NII-2C	114	5570		12.14	13.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	14.16	14.50
		40	5200		13.83	14.50
		44	5220		13.78	14.50
		48	5240		14.09	14.50
	U-NII-2A	52	5260		13.59	14.50
		56	5280		13.46	14.50
		60	5300		13.63	14.50
		64	5320		13.89	14.50
		100	5500		13.81	14.50
		104	5520		13.79	14.50
	U-NII-2C	108	5540		13.87	14.50
		112	5560		13.56	14.50
		116	5580		13.23	14.50
		120	5600		13.44	14.50
		124	5620		13.55	14.50
		128	5640		13.02	14.50
		132	5660		13.18	14.50
		136	5680		13.06	14.50
		140	5700		12.75	14.50
		144	5720		13.55	14.50
	U-NII-3	149	5745		16.15	17.00
		153	5765		16.19	17.00
		157	5785		16.38	17.00
		161	5805		16.46	17.00
165		5825	16.45	17.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	38	5190	MCS0	15.23	16.00



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802.11ax HEW40	U-NII-2A	46	5230		15.23	16.00
		54	5270		14.91	16.00
		62	5310		15.07	16.00
	U-NII-2C	102	5510		15.17	16.00
		110	5550		15.13	16.00
		118	5590		14.42	16.00
		126	5630		14.21	16.00
		134	5670		14.22	16.00
	U-NII-3	142	5710		14.49	16.00
		151	5755		15.50	16.50
		159	5795		15.72	16.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	14.53	15.50
	U-NII-2A	58	5290		14.14	15.50
	U-NII-2C	106	5530		14.06	14.50
		122	5610		14.45	16.00
	U-NII-3	138	5690		14.75	16.00
		155	5775	14.96	16.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	12.74	13.00
	U-NII-2C	114	5570		12.27	13.00

WIFI 5G MIMO Product specific 0mm Non-DBS								
Mode	5GHz	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	11.90	13.08	15.54	16.50
		40	5200		11.84	12.74	15.32	16.50
		44	5220		12.02	12.88	15.48	16.50
		48	5240		12.43	13.58	16.05	16.50
	U-NII-2A	52	5260		12.50	12.93	15.73	17.00
		56	5280		12.61	13.24	15.95	17.00
		60	5300		12.69	13.16	15.94	17.00
		64	5320		12.67	13.02	15.86	17.00
	U-NII-2C	100	5500		12.84	12.39	15.63	17.00
		104	5520		13.21	12.79	16.02	17.00
		108	5540		13.35	12.58	15.99	17.00
		112	5560		13.55	12.51	16.07	17.00
		116	5580		13.59	12.49	16.09	17.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11n- HT20	U-NII-1	120	5600	MCS0	13.61	12.68	16.18	17.00	
		124	5620		13.33	12.34	15.87	17.00	
		128	5640		13.34	12.32	15.87	17.00	
		132	5660		13.40	12.06	15.79	17.00	
		136	5680		13.03	12.35	15.71	17.00	
		140	5700		12.80	12.15	15.50	17.00	
		144	5720		12.97	13.22	16.11	17.00	
		U-NII-3	149		5745	15.89	16.43	19.18	20.00
			153		5765	15.83	16.37	19.12	20.00
			157		5785	15.82	16.61	19.24	20.00
	161		5805		16.05	16.22	19.15	20.00	
	165		5825		16.57	16.65	19.62	20.00	
	U-NII-2A		36		5180	13.33	14.14	16.76	17.50
		40	5200		12.77	13.89	16.38	17.50	
		44	5220		12.96	13.76	16.39	17.50	
		48	5240		13.36	14.09	16.75	17.50	
		52	5260		13.60	13.49	16.56	17.50	
		56	5280		13.05	13.38	16.23	17.50	
		60	5300		13.53	13.54	16.55	17.50	
		64	5320		13.62	13.81	16.73	17.50	
U-NII-2C		100	5500	13.74	13.83	16.80	17.50		
		104	5520	13.78	13.72	16.76	17.50		
	108	5540	13.98	13.88	16.94	17.50			
	112	5560	13.94	13.58	16.77	17.50			
	116	5580	13.97	13.13	16.58	17.50			
	120	5600	13.89	13.35	16.64	17.50			
	124	5620	13.69	13.51	16.61	17.50			
	128	5640	13.70	13.06	16.40	17.50			
	132	5660	13.63	13.20	16.43	17.50			
	136	5680	13.53	12.99	16.28	17.50			
U-NII-3	140	5700	13.38	12.75	16.09	17.50			
	144	5720	13.65	13.33	16.50	17.50			
	149	5745	15.49	16.12	18.83	20.00			
	153	5765	15.49	16.18	18.86	20.00			
	157	5785	15.77	16.23	19.02	20.00			
	161	5805	16.07	16.29	19.19	20.00			
165	5825	16.16	16.40	19.29	20.00				
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	



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Mode	5GHz	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	14.97	15.16	18.08	19.00		
		46	5230		14.92	15.20	18.07	19.00		
	U-NII-2A	54	5270		14.98	14.69	17.85	19.00		
		62	5310		15.22	14.99	18.12	19.00		
	U-NII-2C	102	5510		15.42	15.17	18.31	19.00		
		110	5550		15.22	15.11	18.18	19.00		
		118	5590		14.94	14.38	17.68	19.00		
		126	5630		14.79	14.22	17.52	19.00		
		134	5670		14.71	14.42	17.58	19.00		
		142	5710		15.11	14.50	17.83	19.00		
	U-NII-3	151	5755		15.80	15.36	18.60	19.50		
		159	5795		15.79	15.63	18.72	19.50		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ac VHT20	U-NII-1	36		5180	MCS0	13.35	14.08	16.74	17.50
40			5200	12.89	13.82		16.39	17.50		
44			5220	12.89	13.68		16.31	17.50		
48			5240	13.29	13.99		16.66	17.50		
U-NII-2A		52	5260	13.53	13.56		16.56	17.50		
		56	5280	12.95	13.35		16.16	17.50		
		60	5300	13.55	13.46		16.52	17.50		
		64	5320	13.57	13.80		16.70	17.50		
U-NII-2C		100	5500	13.68	13.78		16.74	17.50		
		104	5520	13.82	13.78		16.81	17.50		
		108	5540	13.98	13.83		16.92	17.50		
		112	5560	13.92	13.49		16.72	17.50		
		116	5580	13.83	13.12		16.50	17.50		
		120	5600	13.87	13.41		16.66	17.50		
		124	5620	13.69	13.46		16.59	17.50		
		128	5640	13.72	13.07		16.42	17.50		
		132	5660	13.63	13.07		16.37	17.50		
		136	5680	13.50	13.03		16.28	17.50		
		140	5700	13.39	12.63		16.04	17.50		
		144	5720	13.48	13.12		16.31	17.50		
U-NII-3		149	5745	15.01	15.36		18.20	19.00		
		153	5765	14.92	15.52		18.24	19.00		
		157	5785	14.77	15.58		18.20	19.00		
		161	5805	15.12	15.65		18.40	19.00		
		165	5825	15.15	15.37		18.27	19.00		
		Mode	5GHz	Channel	Frequency(MHz)		Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)



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802.11ac VHT40	U-NII-1	38	5190	MCS0	14.92	15.05	18.00	19.00
		46	5230		14.96	15.14	18.06	19.00
	U-NII-2A	54	5270		14.96	14.78	17.88	19.00
		62	5310		15.23	14.91	18.08	19.00
	U-NII-2C	102	5510		15.38	15.12	18.26	19.00
		110	5550		15.25	15.14	18.21	19.00
		118	5590		14.89	14.35	17.64	19.00
		126	5630		14.84	14.22	17.55	19.00
		134	5670		14.71	14.33	17.53	19.00
	U-NII-3	142	5710		15.04	14.52	17.80	19.00
151		5755	15.77	15.34	18.57	19.50		
159		5795	15.78	15.53	18.67	19.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	14.86	14.53	17.71	18.50
	U-NII-2A	58	5290		14.51	14.12	17.33	18.50
	U-NII-2C	106	5530		13.31	13.98	16.67	17.50
		122	5610		15.13	14.32	17.75	19.00
	138	5690	15.20		14.69	17.96	19.00	
U-NII-3	155	5775	15.83	14.86	18.38	19.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	11.95	12.63	15.31	16.00
	U-NII-2C	114	5570		11.73	12.14	14.95	16.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	13.32	14.16	16.77	17.50
		40	5200		12.87	13.83	16.39	17.50
		44	5220		13.10	13.78	16.46	17.50
		48	5240		13.53	14.09	16.83	17.50
	U-NII-2A	52	5260		13.53	13.59	16.57	17.50
		56	5280		13.00	13.46	16.25	17.50
		60	5300		13.53	13.63	16.59	17.50
		64	5320		13.72	13.89	16.82	17.50
	U-NII-2C	100	5500		13.74	13.81	16.79	17.50
		104	5520		13.86	13.79	16.84	17.50
		108	5540		13.96	13.87	16.93	17.50
		112	5560		14.05	13.56	16.82	17.50
		116	5580		14.04	13.23	16.66	17.50
		120	5600		13.89	13.44	16.68	17.50
		124	5620		13.77	13.55	16.67	17.50



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		128	5640		13.70	13.02	16.38	17.50
		132	5660		13.70	13.18	16.46	17.50
		136	5680		13.52	13.06	16.31	17.50
		140	5700		13.29	12.75	16.04	17.50
		144	5720		13.58	13.55	16.58	17.50
	U-NII-3	149	5745		15.59	16.15	18.89	20.00
		153	5765		15.53	16.19	18.88	20.00
		157	5785		15.96	16.38	19.19	20.00
		161	5805		16.19	16.46	19.34	20.00
		165	5825		16.23	16.45	19.35	20.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	14.95	15.23	18.10	19.00
		46	5230		14.96	15.23	18.11	19.00
	U-NII-2A	54	5270		15.18	14.91	18.06	19.00
		62	5310		15.23	15.07	18.16	19.00
	U-NII-2C	102	5510		15.47	15.17	18.33	19.00
		110	5550		15.24	15.13	18.20	19.00
		118	5590		14.92	14.42	17.69	19.00
		126	5630		14.86	14.21	17.56	19.00
		134	5670		14.71	14.22	17.48	19.00
	U-NII-3	142	5710		15.14	14.49	17.84	19.00
151		5755	16.04	15.50	18.79	19.50		
		159	5795	16.14	15.72	18.95	19.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	14.87	14.53	17.71	18.50
		58	5290		14.54	14.14	17.35	18.50
	U-NII-2C	106	5530		13.37	14.06	16.74	17.50
		122	5610		15.14	14.45	17.82	19.00
	U-NII-3	138	5690		15.16	14.75	17.97	19.00
		155	5775		15.91	14.96	18.47	19.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	12.06	12.74	15.42	16.00
		114	5570		11.80	12.27	15.05	16.00



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WIFI 5G Ant 5 Product specific 0mm DBS						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	10.85	12.00
		40	5200		10.81	12.00
		44	5220		10.99	12.00
		48	5240		11.42	12.00
	U-NII-2A	52	5260		11.53	13.00
		56	5280		11.58	13.00
		60	5300		11.74	13.00
		64	5320		11.63	13.00
	U-NII-2C	100	5500		11.86	13.00
		104	5520		12.22	13.00
		108	5540		12.35	13.00
		112	5560		12.55	13.00
		116	5580		12.60	13.00
		120	5600		12.63	13.00
		124	5620		12.30	13.00
		128	5640		12.34	13.00
		132	5660		12.36	13.00
		136	5680		12.02	13.00
		140	5700		11.85	13.00
		144	5720		11.94	13.00
	U-NII-3	149	5745		14.84	16.00
		153	5765		14.84	16.00
		157	5785		14.86	16.00
		161	5805		15.05	16.00
165		5825	15.52	16.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.30	13.50
		40	5200		11.73	13.50
		44	5220		11.93	13.50
		48	5240		12.41	13.50
	U-NII-2A	52	5260		12.59	13.50
		56	5280		12.05	13.50
		60	5300		12.52	13.50
	U-NII-2C	64	5320		12.65	13.50
		100	5500		12.76	13.50
		104	5520		12.73	13.50



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		108	5540		12.93	13.50
		112	5560		12.92	13.50
		116	5580		12.93	13.50
		120	5600		12.84	13.50
		124	5620		12.70	13.50
		128	5640		12.74	13.50
		132	5660		12.66	13.50
		136	5680		12.50	13.50
		140	5700		12.42	13.50
		144	5720		12.63	13.50
	U-NII-3	149	5745		14.44	16.00
		153	5765		14.52	16.00
		157	5785		14.75	16.00
		161	5805		15.06	16.00
		165	5825		15.15	16.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	13.96	15.00
		46	5230		13.89	15.00
	U-NII-2A	54	5270		13.98	15.00
		62	5310		14.17	15.00
	U-NII-2C	102	5510		14.41	15.00
		110	5550		14.17	15.00
		118	5590		13.99	15.00
		126	5630		13.79	15.00
	U-NII-3	134	5670		13.72	15.00
		142	5710		14.15	15.00
151		5755	14.75	15.50		
		159	5795	14.80	15.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	12.40	13.50
		40	5200		11.92	13.50
		44	5220		11.94	13.50
		48	5240		12.30	13.50
	U-NII-2A	52	5260		12.54	13.50
		56	5280		11.97	13.50
		60	5300		12.56	13.50
	U-NII-2C	64	5320		12.55	13.50
		100	5500		12.65	13.50
		104	5520		12.79	13.50
		108	5540	13.00	13.50	



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		112	5560		12.87	13.50	
		116	5580		12.83	13.50	
		120	5600		12.90	13.50	
		124	5620		12.64	13.50	
		128	5640		12.70	13.50	
		132	5660		12.65	13.50	
		136	5680		12.52	13.50	
		140	5700		12.36	13.50	
		144	5720		12.46	13.50	
	U-NII-3	149	5745		14.05	15.00	
		153	5765		13.94	15.00	
		157	5785		13.78	15.00	
		161	5805		14.14	15.00	
		165	5825		14.12	15.00	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac VHT40	U-NII-1	38	5190	MCS0	13.89	15.00	
		46	5230		14.01	15.00	
	U-NII-2A	54	5270		13.91	15.00	
		62	5310		14.19	15.00	
	U-NII-2C	102	5510		14.39	15.00	
		110	5550		14.25	15.00	
		118	5590		13.86	15.00	
		126	5630		13.87	15.00	
		134	5670		13.70	15.00	
	U-NII-3	142	5710		14.02	15.00	
		151	5755		14.74	15.50	
			159		5795	14.79	15.50
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ac VHT80	U-NII-1	42	5210	MCS0	13.90	14.50	
	U-NII-2A	58	5290		13.54	14.50	
		106	5530		12.28	13.50	
	U-NII-2C	122	5610		14.09	15.00	
		138	5690		14.25	15.00	
	U-NII-3	155	5775		14.79	15.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	10.92	12.00	
	U-NII-2C	114	5570		10.69	12.00	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	



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802.11ax HEW20	U-NII-1	36	5180	MCS0	12.27	13.50
		40	5200		11.91	13.50
		44	5220		12.06	13.50
		48	5240		12.57	13.50
	U-NII-2A	52	5260		12.48	13.50
		56	5280		11.99	13.50
		60	5300		12.50	13.50
		64	5320		12.77	13.50
	U-NII-2C	100	5500		12.70	13.50
		104	5520		12.82	13.50
		108	5540		12.93	13.50
		112	5560		13.05	13.50
		116	5580		13.07	13.50
		120	5600		12.90	13.50
		124	5620		12.75	13.50
		128	5640		12.74	13.50
		132	5660		12.67	13.50
		136	5680		12.53	13.50
		140	5700		12.27	13.50
		144	5720		12.55	13.50
U-NII-3	149	5745	14.64	16.00		
	153	5765	14.58	16.00		
	157	5785	14.94	16.00		
	161	5805	15.14	16.00		
	165	5825	15.26	16.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	13.99	15.00
		46	5230		13.95	15.00
	U-NII-2A	54	5270		14.16	15.00
		62	5310		14.24	15.00
	U-NII-2C	102	5510		14.47	15.00
		110	5550		14.28	15.00
		118	5590		13.89	15.00
		126	5630		13.88	15.00
		134	5670		13.68	15.00
		142	5710		14.19	15.00
	U-NII-3	151	5755		15.05	15.50
		159	5795		15.17	15.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	42	5210	MCS0	13.87	14.50



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802.11ax HEW80	U-NII-2A	58	5290		13.49	14.50
	U-NII-2C	106	5530		12.38	13.50
		122	5610		14.17	15.00
		138	5690		14.21	15.00
	U-NII-3	155	5775		14.87	15.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	11.07	12.00
	U-NII-2C	114	5570		10.77	12.00

WIFI 5G Ant 4 Product specific 0mm DBS						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	12.03	13.00
		40	5200		11.74	13.00
		44	5220		11.90	13.00
		48	5240		12.61	13.00
	U-NII-2A	52	5260		11.91	13.00
		56	5280		12.25	13.00
		60	5300		12.21	13.00
	U-NII-2C	64	5320		12.06	13.00
		100	5500		11.43	13.00
		104	5520		11.78	13.00
		108	5540		11.53	13.00
		112	5560		11.49	13.00
		116	5580		11.46	13.00
		120	5600		11.65	13.00
		124	5620		11.38	13.00
		128	5640		11.30	13.00
		132	5660		11.10	13.00
		136	5680		11.31	13.00
		140	5700		11.17	13.00
	U-NII-3	144	5720		12.22	13.00
		149	5745		15.39	16.00
		153	5765		15.40	16.00
		157	5785		15.66	16.00
		161	5805		15.18	16.00
		165	5825	15.70	16.00	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	13.09	13.50



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		40	5200		12.90	13.50
		44	5220		12.79	13.50
		48	5240		13.12	13.50
	U-NII-2A	52	5260		12.44	13.50
		56	5280		12.43	13.50
		60	5300		12.55	13.50
		64	5320		12.79	13.50
	U-NII-2C	100	5500		12.84	13.50
		104	5520		12.73	13.50
		108	5540		12.88	13.50
		112	5560		12.62	13.50
		116	5580		12.08	13.50
		120	5600		12.38	13.50
		124	5620		12.49	13.50
		128	5640		12.05	13.50
		132	5660		12.16	13.50
		136	5680		12.02	13.50
	U-NII-3	140	5700		11.73	13.50
		144	5720		12.30	13.50
		149	5745		15.16	16.00
		153	5765		15.16	16.00
		157	5785		15.20	16.00
		161	5805		15.27	16.00
		165	5825		15.37	16.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	14.16	15.00
		46	5230		14.15	15.00
	U-NII-2A	54	5270		13.71	15.00
		62	5310		14.03	15.00
	U-NII-2C	102	5510		14.19	15.00
		110	5550		14.12	15.00
		118	5590		13.40	15.00
		126	5630		13.24	15.00
		134	5670		13.39	15.00
	U-NII-3	142	5710		13.49	15.00
151		5755	14.36	15.50		
		159	5795	14.64	15.50	
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	13.06	13.50
		40	5200		12.82	13.50



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		44	5220		12.70	13.50
		48	5240		12.94	13.50
	U-NII-2A	52	5260		12.58	13.50
		56	5280		12.40	13.50
		60	5300		12.42	13.50
		64	5320		12.82	13.50
	U-NII-2C	100	5500		12.75	13.50
		104	5520		12.80	13.50
		108	5540		12.83	13.50
		112	5560		12.53	13.50
		116	5580		12.15	13.50
		120	5600		12.39	13.50
		124	5620		12.51	13.50
		128	5640		12.11	13.50
		132	5660		12.09	13.50
		136	5680		12.08	13.50
	U-NII-3	140	5700		11.59	13.50
		144	5720		12.16	13.50
		149	5745		14.32	15.00
		153	5765		14.52	15.00
		157	5785		14.58	15.00
		161	5805		14.64	15.00
		165	5825		14.33	15.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	14.08	15.00
		46	5230		14.16	15.00
	U-NII-2A	54	5270		13.79	15.00
		62	5310		13.87	15.00
	U-NII-2C	102	5510		14.08	15.00
		110	5550		14.13	15.00
		118	5590		13.39	15.00
		126	5630		13.19	15.00
		134	5670		13.32	15.00
	U-NII-3	142	5710		13.49	15.00
151		5755	14.29	15.50		
159		5795	14.49	15.50		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	13.51	14.50
	U-NII-2A	58	5290		13.14	14.50
	U-NII-2C	106	5530		13.03	13.50



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
	U-NII-3	122	5610	MCS0	13.33	15.00		
		138	5690		13.73	15.00		
		155	5775		13.85	15.50		
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	11.63	12.00		
	U-NII-2C	114	5570		11.16	12.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ax HEW20	U-NII-1	36	5180	MCS0	13.12	13.50		
		40	5200		12.81	13.50		
		44	5220		12.80	13.50		
		48	5240		13.11	13.50		
	U-NII-2A	52	5260		12.64	13.50		
		56	5280		12.43	13.50		
		60	5300		12.67	13.50		
		64	5320		12.90	13.50		
		U-NII-2C	100		5500	12.78	13.50	
			104		5520	12.82	13.50	
	108		5540		12.91	13.50		
	112		5560		12.53	13.50		
	116		5580		12.20	13.50		
	120		5600		12.40	13.50		
	124		5620		12.50	13.50		
	128		5640		11.97	13.50		
	132		5660		12.13	13.50		
	136		5680		12.10	13.50		
	U-NII-3	140	5700		11.71	13.50		
		144	5720		12.60	13.50		
		149	5745		15.19	16.00		
		153	5765		15.18	16.00		
		157	5785		15.39	16.00		
		161	5805		15.51	16.00		
		165	5825		15.45	16.00		
		Mode	5GHz		Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
	802.11ax HEW40	U-NII-1	38		5190	MCS0	14.19	15.00
			46		5230		14.18	15.00
U-NII-2A		54	5270	13.93	15.00			
		62	5310	14.09	15.00			
U-NII-2C		102	5510	14.12	15.00			
		110	5550	14.16	15.00			



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		118	5590		13.44	15.00
		126	5630		13.24	15.00
		134	5670		13.20	15.00
		142	5710		13.49	15.00
	U-NII-3	151	5755		14.53	15.50
		159	5795		14.70	15.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	13.50	14.50
	U-NII-2A	58	5290		13.17	14.50
	U-NII-2C	106	5530		13.11	13.50
		122	5610		13.47	15.00
	U-NII-3	138	5690		13.70	15.00
		155	5775		13.96	15.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	11.78	12.00
	U-NII-2C	114	5570		11.26	12.00

WIFI 5G MIMO Product specific 0mm DBS								
Mode	5GHz	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	10.85	12.03	14.49	15.50
		40	5200		10.81	11.74	14.31	15.50
		44	5220		10.99	11.90	14.48	15.50
		48	5240		11.42	12.61	15.07	15.50
	U-NII-2A	52	5260		11.53	11.91	14.73	16.00
		56	5280		11.58	12.25	14.94	16.00
		60	5300		11.74	12.21	14.99	16.00
		64	5320		11.63	12.06	14.86	16.00
	U-NII-2C	100	5500		11.86	11.43	14.66	16.00
		104	5520		12.22	11.78	15.02	16.00
		108	5540		12.35	11.53	14.97	16.00
		112	5560		12.55	11.49	15.06	16.00
		116	5580		12.60	11.46	15.08	16.00
		120	5600		12.63	11.65	15.18	16.00
		124	5620		12.30	11.38	14.87	16.00
		128	5640		12.34	11.30	14.86	16.00
		132	5660		12.36	11.10	14.79	16.00
		136	5680		12.02	11.31	14.69	16.00



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11n-HT20	U-NII-3	140	5700	MCS0	11.85	11.17	14.53	16.00	
		144	5720		11.94	12.22	15.09	16.00	
		149	5745		14.84	15.39	18.13	19.00	
		153	5765		14.84	15.40	18.14	19.00	
		157	5785		14.86	15.66	18.29	19.00	
		161	5805		15.05	15.18	18.13	19.00	
	U-NII-2C	U-NII-1	36		5180	12.30	13.09	15.72	16.50
			40		5200	11.73	12.90	15.36	16.50
			44		5220	11.93	12.79	15.39	16.50
			48		5240	12.41	13.12	15.79	16.50
		U-NII-2A	52		5260	12.59	12.44	15.53	16.50
			56		5280	12.05	12.43	15.25	16.50
			60		5300	12.52	12.55	15.55	16.50
		U-NII-3	64		5320	12.65	12.79	15.73	16.50
			100		5500	12.76	12.84	15.81	16.50
			104		5520	12.73	12.73	15.74	16.50
			108		5540	12.93	12.88	15.92	16.50
			112		5560	12.92	12.62	15.78	16.50
			116		5580	12.93	12.08	15.54	16.50
			120		5600	12.84	12.38	15.63	16.50
124	5620		12.70	12.49	15.61	16.50			
128	5640		12.74	12.05	14.42	16.50			
132	5660		12.66	12.16	15.43	16.50			
U-NII-3	136	5680	12.50	12.02	15.28	16.50			
	140	5700	12.42	11.73	15.10	16.50			
	144	5720	12.63	12.30	15.48	16.50			
	149	5745	14.44	15.16	17.83	19.00			
	153	5765	14.52	15.16	17.86	19.00			
	157	5785	14.75	15.20	17.99	19.00			
U-NII-3	161	5805	15.06	15.27	18.18	19.00			
	165	5825	15.15	15.37	18.27	19.00			
Mode	5GHz	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	13.96	14.16	17.07	18.00	
		46	5230		13.89	14.15	17.03	18.00	
	U-NII-2A	54	5270		13.98	13.71	16.86	18.00	
		62	5310		14.17	14.03	17.11	18.00	
	U-NII-2C	102	5510		14.41	14.19	17.31	18.00	



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Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11ac VHT20	U-NII-1	110	5550	MCS0	14.17	14.12	17.16	18.00	
		118	5590		13.99	13.40	16.72	18.00	
		126	5630		13.79	13.24	16.53	18.00	
		134	5670		13.72	13.39	16.57	18.00	
		142	5710		14.15	13.49	16.84	18.00	
	U-NII-3	151	5755		14.75	14.36	17.57	18.50	
		159	5795		14.80	14.64	17.73	18.50	
	U-NII-2A	36	5180		12.40	13.06	15.75	16.50	
		40	5200		11.92	12.82	15.40	16.50	
		44	5220		11.94	12.70	15.35	16.50	
		48	5240		12.30	12.94	15.64	16.50	
		52	5260		12.54	12.58	15.57	16.50	
		56	5280		11.97	12.40	15.20	16.50	
		60	5300		12.56	12.42	15.50	16.50	
		64	5320		12.55	12.82	15.70	16.50	
		U-NII-2C	100		5500	12.65	12.75	15.71	16.50
			104		5520	12.79	12.80	15.81	16.50
			108		5540	13.00	12.83	15.93	16.50
112			5560	12.87	12.53	15.71	16.50		
116			5580	12.83	12.15	15.51	16.50		
120			5600	12.90	12.39	15.66	16.50		
124			5620	12.64	12.51	15.59	16.50		
128	5640		12.70	12.11	15.43	16.50			
132	5660		12.65	12.09	15.39	16.50			
136	5680		12.52	12.08	15.32	16.50			
U-NII-3	140	5700	12.36	11.59	15.00	16.50			
	144	5720	12.46	12.16	15.32	16.50			
	149	5745	14.05	14.32	17.20	18.00			
	153	5765	13.94	14.52	17.25	18.00			
	157	5785	13.78	14.58	17.21	18.00			
U-NII-3	161	5805	14.14	14.64	17.41	18.00			
	165	5825	14.12	14.33	17.24	18.00			
	U-NII-1	38	5190	13.89	14.08	17.00	18.00		
		46	5230	14.01	14.16	17.10	18.00		
U-NII-2A	54	5270	13.91	13.79	16.86	18.00			
	62	5310	14.19	13.87	17.04	18.00			
U-NII-2C	102	5510	14.39	14.08	17.25	18.00			



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		110	5550		14.25	14.13	17.20	18.00
		118	5590		13.86	13.39	16.64	18.00
		126	5630		13.87	13.19	16.55	18.00
		134	5670		13.70	13.32	16.52	18.00
		142	5710		14.02	13.49	16.77	18.00
	U-NII-3	151	5755		14.74	14.29	17.53	18.50
		159	5795		14.79	14.49	17.65	18.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	13.90	13.51	16.72	17.50
	U-NII-2A	58	5290		13.54	13.14	16.35	17.50
	U-NII-2C	106	5530		12.28	13.03	15.68	16.50
		122	5610		14.09	13.33	16.74	18.00
		138	5690		14.25	13.73	17.01	18.00
	U-NII-3	155	5775		14.79	13.85	17.36	18.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	10.92	11.63	14.30	15.00
	U-NII-2C	114	5570		10.69	11.16	13.94	15.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	12.27	13.12	15.73	16.50
		40	5200		11.91	12.81	15.39	16.50
		44	5220		12.06	12.80	15.46	16.50
		48	5240		12.57	13.11	15.86	16.50
	U-NII-2A	52	5260		12.48	12.64	15.57	16.50
		56	5280		11.99	12.43	15.23	16.50
		60	5300		12.50	12.67	15.60	16.50
		64	5320		12.77	12.90	15.85	16.50
	U-NII-2C	100	5500		12.70	12.78	15.75	16.50
		104	5520		12.82	12.82	15.83	16.50
		108	5540		12.93	12.91	15.93	16.50
		112	5560		13.05	12.53	15.81	16.50
		116	5580		13.07	12.20	15.67	16.50
		120	5600		12.90	12.40	15.67	16.50
		124	5620		12.75	12.50	15.64	16.50
		128	5640		12.74	11.97	15.38	16.50
		132	5660		12.67	12.13	15.42	16.50
		136	5680		12.53	12.10	15.33	16.50
		140	5700		12.27	11.71	15.01	16.50
		144	5720		12.55	12.60	15.59	16.50



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		149	5745		14.64	15.19	17.93	19.00		
		153	5765		14.58	15.18	17.90	19.00		
	U-NII-3	157	5785		14.94	15.39	18.18	19.00		
		161	5805		15.14	15.51	18.34	19.00		
		165	5825		15.26	15.45	18.37	19.00		
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ax HEW40	U-NII-1	38	5190	MCS0	13.99	14.19	17.10	18.00		
		46	5230		13.95	14.18	17.08	18.00		
	U-NII-2A	54	5270		14.16	13.93	17.06	18.00		
		62	5310		14.24	14.09	17.18	18.00		
	U-NII-2C	102	5510		14.47	14.12	17.31	18.00		
		110	5550		14.28	14.16	17.23	18.00		
		118	5590		13.89	13.44	16.68	18.00		
		126	5630		13.88	13.24	16.58	18.00		
		134	5670		13.68	13.20	16.46	18.00		
		142	5710		14.19	13.49	16.86	18.00		
	U-NII-3	151	5755		15.05	14.53	17.81	18.50		
		159	5795		15.17	14.70	17.95	18.50		
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ax HEW80	U-NII-1	42		5210	MCS0	13.87	13.50	16.70	17.50
U-NII-2A		58	5290	13.49	13.17		16.34	17.50		
U-NII-2C		106	5530	12.38	13.11		15.77	16.50		
		122	5610	14.17	13.47		16.84	18.00		
		138	5690	14.21	13.70		16.97	18.00		
U-NII-3		155	5775	14.87	13.96		17.45	18.50		
Mode		5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)		Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	11.07	11.78	14.45	15.00		
	U-NII-2C	114	5570		10.77	11.26	14.03	15.00		



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12.3 Conducted Power of WiFi6E

WIFI 6E Ant 5 Head&Body worn&sensor off						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	9.19	10
		45	6175		8.96	10
		93	6415		8.90	10
	802.11ax HEW20	1	5955	MCS0	10.47	11
		45	6175		10.31	11
		93	6415		10.80	11
	802.11ax HEW40	3	5965	MCS0	12.37	13
		43	6165		11.92	13
		91	6405		12.94	13
	802.11ax HEW80	7	5985	MCS0	17.37	17.5
		39	6145		16.10	17.5
		87	6385		16.78	17.5
	802.11ax HEW160	15	6025	MCS0	16.93	18.5
		47	6185		17.93	18.5
		79	6345		18.00	18.5
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	9.17	10
		105	6475		8.53	10
		113	6515		9.67	10
	802.11ax HEW20	97	6435	MCS0	10.95	11
		105	6475		10.82	11
		113	6515		10.11	11
	802.11ax HEW40	99	6445	MCS0	12.78	13
		107	6485		12.73	13
	802.11ax HEW80	103	6465	MCS0	16.92	17
		119	6545		16.20	17
	802.11ax HEW160	111	6505	MCS0	18.33	18.5
	U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	9.33
149			6695	7.98		9.5
181			6855	7.63		9.5
802.11ax HEW20		117	6535	MCS0	10.31	10.5
		149	6695		8.92	10.5
		181	6855		8.88	10.5



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	802.11ax HEW40	115	6525	MCS0	12.41	12.5	
		147	6685		11.12	12.5	
		179	6845		11.78	12.5	
	802.11ax HEW80	135	6625	MCS0	15.73	17	
		151	6705		16.19	17	
		167	6785		16.57	17	
	802.11ax HEW160	143	6665	MCS0	16.73	18	
		175	6825		16.42	18	
	U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	9.00	9.5
			209	6995		8.35	9.5
			233	7115		9.32	9.5
		802.11ax HEW20	185	6875	MCS0	9.49	10.5
209			6995	9.39		10.5	
233			7115	9.50		10.5	
802.11ax HEW40		187	6885	MCS0	11.61	12	
		227	7085		11.00	12	
802.11ax HEW80		183	6865	MCS0	15.79	17	
		199	6945		15.99	17	
		215	7025		15.49	17	
802.11ax HEW160		207	6985	MCS0	16.68	18.5	

WIFI 6E Ant 4 Head&Body worn&sensor off						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	8.95	10
		45	6175		8.99	10
		93	6415		8.69	10
	802.11ax HEW20	1	5955	MCS0	9.71	11
		45	6175		9.78	11
		93	6415		9.30	11
	802.11ax HEW40	3	5965	MCS0	11.98	13
		43	6165		11.44	13
		91	6405		11.56	13
	802.11ax HEW80	7	5985	MCS0	15.32	16.5
		39	6145		15.77	16.5
		87	6385		15.57	16.5



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	802.11ax HEW160	15	6025	MCS0	17.35	18.5	
		47	6185		17.93	18.5	
		79	6345		17.94	18.5	
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	8.25	10	
		105	6475		8.90	10	
		113	6515		8.74	10	
	802.11ax HEW20	97	6435	MCS0	9.42	11	
		105	6475		9.70	11	
		113	6515		9.14	11	
	802.11ax HEW40	99	6445	MCS0	11.37	13	
		107	6485		11.66	13	
	802.11ax HEW80	103	6465	MCS0	15.66	17	
		119	6545		15.48	17	
	802.11ax HEW160	111	6505	MCS0	17.87	18.5	
	U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	8.94	9.5
149			6695	8.01		9.5	
181			6855	8.20		9.5	
802.11ax HEW20		117	6535	MCS0	9.76	10.5	
		149	6695		8.87	10.5	
		181	6855		9.16	10.5	
802.11ax HEW40		115	6525	MCS0	11.69	12.5	
		147	6685		11.02	12.5	
		179	6845		12.13	12.5	
802.11ax HEW80		135	6625	MCS0	15.43	17	
		151	6705		15.20	17	
		167	6785		15.74	17	
802.11ax HEW160		143	6665	MCS0	17.28	18	
		175	6825		17.37	18	
U-NII-8 7.0GHz		802.11a	185	6875	6Mbps	9.11	9.5
	209		6995	8.14		9.5	
	233		7115	8.27		9.5	
	802.11ax HEW20	185	6875	MCS0	9.56	10.5	
		209	6995		9.25	10.5	
		233	7115		8.56	10.5	
	802.11ax HEW40	187	6885	MCS0	11.70	12	
		227	7085		10.48	12	
			183	6865	MCS0	15.94	17



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802.11ax HEW80	199	6945	MCS0	15.72	17
	215	7025		15.01	17
802.11ax HEW160	207	6985		18.06	18.5

WIFI 6E MIMO Head&Body worn&sensor off								
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	9.19	8.95	12.08	13.00
		45	6175		8.96	8.99	11.99	13.00
		93	6415		8.9	8.69	11.81	13.00
	802.11ax HEW20	1	5955	MCS0	10.47	9.71	13.12	14.00
		45	6175		10.31	9.78	13.06	14.00
		93	6415		10.8	9.3	13.12	14.00
	802.11ax HEW40	3	5965	MCS0	12.37	11.98	15.19	16.00
		43	6165		11.92	11.44	14.70	16.00
		91	6405		12.94	11.56	15.31	16.00
	802.11ax HEW80	7	5985	MCS0	17.37	15.32	19.48	20.00
		39	6145		16.1	15.77	18.95	20.00
		87	6385		16.78	15.57	19.23	20.00
	802.11ax HEW160	15	6025	MCS0	16.93	17.35	20.16	21.50
		47	6185		17.93	17.93	20.94	21.50
		79	6345		18	17.94	20.98	21.50
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	9.17	8.25	11.74	13.00
		105	6475		8.53	8.9	11.73	13.00
		113	6515		9.67	8.74	12.24	13.00
	802.11ax HEW20	97	6435	MCS0	10.95	9.42	13.26	14.00
		105	6475		10.82	9.7	13.31	14.00
		113	6515		10.11	9.14	12.66	14.00
	802.11ax HEW40	99	6445	MCS0	12.78	11.37	15.14	16.00
		107	6485		12.73	11.66	15.24	16.00
	802.11ax HEW80	103	6465	MCS0	16.92	15.66	19.35	20.00
		119	6545		16.2	15.48	18.87	20.00
	802.11ax HEW160	111	6505	MCS0	18.33	17.87	21.12	21.50
	U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	9.33	8.94	12.15
149			6695	7.98		8.01	11.01	12.50



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	802.11ax HEW20	181	6855	MCS0	7.63	8.2	10.93	12.50
		117	6535		10.31	9.76	13.05	13.50
		149	6695		8.92	8.87	11.91	13.50
		181	6855		8.88	9.16	12.03	13.50
	802.11ax HEW40	115	6525	MCS0	12.41	11.69	15.08	15.50
		147	6685		11.12	11.02	14.08	15.50
		179	6845		11.78	12.13	14.97	15.50
	802.11ax HEW80	135	6625	MCS0	15.73	15.43	18.59	20.00
		151	6705		16.19	15.2	18.73	20.00
		167	6785		16.57	15.74	19.19	20.00
	802.11ax HEW160	143	6665	MCS0	16.73	17.28	20.02	21.00
		175	6825		16.42	17.37	19.93	21.00
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	9	9.11	12.07	12.50
		209	6995		8.35	8.14	11.26	12.50
		233	7115		9.32	8.27	11.84	12.50
	802.11ax HEW20	185	6875	MCS0	9.49	9.56	12.54	13.50
		209	6995		9.39	9.25	12.33	13.50
		233	7115		9.5	8.56	12.07	13.50
	802.11ax HEW40	187	6885	MCS0	11.61	11.7	14.67	15.00
		227	7085		11	10.48	13.76	15.00
	802.11ax HEW80	183	6865	MCS0	15.79	15.94	18.88	20.00
		199	6945		15.99	15.72	18.87	20.00
		215	7025		15.49	15.01	18.27	20.00
	802.11ax HEW160	207	6985	MCS0	16.68	18.06	20.43	21.50

WIFI 6E Ant 5 Product specific 0mm						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	7.10	8
		45	6175		6.89	8
		93	6415		6.76	8
	802.11ax HEW20	1	5955	MCS0	7.41	8
		45	6175		7.21	8
		93	6415		7.65	8
	802.11ax HEW40	3	5965	MCS0	7.22	8
		43	6165		6.82	8



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		91	6405		7.82	8
	802.11ax HEW80	7	5985	MCS0	8.27	8.5
		39	6145		6.99	8.5
		87	6385		7.66	8.5
	802.11ax HEW160	15	6025	MCS0	7.79	9.5
		47	6185		8.87	9.5
		79	6345		8.95	9.5
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	7.06	8
		105	6475		6.41	8
		113	6515		7.62	8
	802.11ax HEW20	97	6435	MCS0	7.80	8
		105	6475		7.71	8
		113	6515		7.00	8
	802.11ax HEW40	99	6445	MCS0	7.69	8
		107	6485		7.58	8
	802.11ax HEW80	103	6465	MCS0	7.81	8
		119	6545		7.06	8
	802.11ax HEW160	111	6505	MCS0	9.26	9.5
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	7.24	7.5
		149	6695		5.85	7.5
		181	6855		5.51	7.5
	802.11ax HEW20	117	6535	MCS0	7.21	7.5
		149	6695		5.87	7.5
		181	6855		5.74	7.5
	802.11ax HEW40	115	6525	MCS0	7.30	7.5
		147	6685		6.01	7.5
		179	6845		6.73	7.5
	802.11ax HEW80	135	6625	MCS0	6.66	8
		151	6705		7.04	8
		167	6785		7.49	8
	802.11ax HEW160	143	6665	MCS0	7.58	9
175		6825	7.35		9	
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	6.88	7.5
		209	6995		6.25	7.5
		233	7115		7.21	7.5
		185	6875	MCS0	6.35	7.5



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802.11ax HEW20	209	6995	MCS0	6.33	7.5
	233	7115		6.39	7.5
802.11ax HEW40	187	6885	MCS0	6.46	7
	227	7085		5.94	7
802.11ax HEW80	183	6865	MCS0	6.68	8
	199	6945		6.89	8
	215	7025		6.44	8
802.11ax HEW160	207	6985	MCS0	7.63	9.5

WIFI 6E Ant 4 Product specific 0mm						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	7.00	8
		45	6175		7.10	8
		93	6415		6.84	8
	802.11ax HEW20	1	5955	MCS0	6.81	8
		45	6175		6.91	8
		93	6415		6.36	8
	802.11ax HEW40	3	5965	MCS0	7.13	8
		43	6165		6.49	8
		91	6405		6.68	8
	802.11ax HEW80	7	5985	MCS0	6.41	7.5
		39	6145		6.83	7.5
		87	6385		6.66	7.5
	802.11ax HEW160	15	6025	MCS0	8.49	9.5
		47	6185		8.99	9.5
		79	6345		9.02	9.5
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	6.35	8
		105	6475		7.01	8
		113	6515		6.88	8
	802.11ax HEW20	97	6435	MCS0	6.47	8
		105	6475		6.75	8
		113	6515		6.29	8
	802.11ax HEW40	99	6445	MCS0	6.43	8
		107	6485		6.75	8
			103	6465	MCS0	6.76



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U-NII-7 6.7GHz	802.11ax HEW80	119	6545		6.59	8	
	802.11ax HEW160	111	6505	MCS0	8.99	9.5	
	802.11a	117	6535	6Mbps	7.08	7.5	
		149	6695		6.11	7.5	
		181	6855		6.28	7.5	
	802.11ax HEW20	117	6535	MCS0	6.91	7.5	
		149	6695		5.95	7.5	
		181	6855		6.29	7.5	
	802.11ax HEW40	115	6525	MCS0	6.74	7.5	
		147	6685		6.12	7.5	
		179	6845		7.28	7.5	
	802.11ax HEW80	135	6625	MCS0	6.48	8	
		151	6705		6.35	8	
		167	6785		6.80	8	
	802.11ax HEW160	143	6665	MCS0	8.36	9	
		175	6825		8.44	9	
	U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	7.17	7.5
			209	6995		6.21	7.5
233			7115	6.39		7.5	
802.11ax HEW20		185	6875	MCS0	6.61	7.5	
		209	6995		6.37	7.5	
		233	7115		5.61	7.5	
802.11ax HEW40		187	6885	MCS0	6.75	7	
		227	7085		5.62	7	
802.11ax HEW80		183	6865	MCS0	7.09	8	
		199	6945		6.81	8	
		215	7025		6.15	8	
802.11ax HEW160		207	6985	MCS0	9.14	9.5	

WIFI 6E MIMO Product specific Omm								
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	7.1	7	10.06	11.00
		45	6175		6.89	7.1	10.01	11.00
		93	6415		6.76	6.84	9.81	11.00



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	802.11ax HEW20	1	5955	MCS0	7.41	6.81	10.13	11.00
		45	6175		7.21	6.91	10.07	11.00
		93	6415		7.65	6.36	10.06	11.00
	802.11ax HEW40	3	5965	MCS0	7.22	7.13	10.19	11.00
		43	6165		6.82	6.49	9.67	11.00
		91	6405		7.82	6.68	10.30	11.00
	802.11ax HEW80	7	5985	MCS0	8.27	6.41	10.45	11.50
		39	6145		6.99	6.83	9.92	11.50
		87	6385		7.66	6.66	10.20	11.50
	802.11ax HEW160	15	6025	MCS0	7.79	8.49	11.16	12.50
		47	6185		8.87	8.99	11.94	12.50
		79	6345		8.95	9.02	12.00	12.50
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	7.06	6.35	9.73	11.00
		105	6475		6.41	7.01	9.73	11.00
		113	6515		7.62	6.88	10.28	11.00
	802.11ax HEW20	97	6435	MCS0	7.8	6.47	10.20	11.00
		105	6475		7.71	6.75	10.27	11.00
		113	6515		7	6.29	9.67	11.00
	802.11ax HEW40	99	6445	MCS0	7.69	6.43	10.12	11.00
		107	6485		7.58	6.75	10.20	11.00
	802.11ax HEW80	103	6465	MCS0	7.81	6.76	10.33	11.00
		119	6545		7.06	6.59	9.84	11.00
	802.11ax HEW160	111	6505	MCS0	9.26	8.99	12.14	12.50
	U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	7.24	7.08	10.17
149			6695	5.85		6.11	8.99	10.50
181			6855	5.51		6.28	8.92	10.50
802.11ax HEW20		117	6535	MCS0	7.21	6.91	10.07	10.50
		149	6695		5.87	5.95	8.92	10.50
		181	6855		5.74	6.29	9.03	10.50
802.11ax HEW40		115	6525	MCS0	7.3	6.74	10.04	10.50
		147	6685		6.01	6.12	9.08	10.50
		179	6845		6.73	7.28	10.02	10.50
802.11ax HEW80		135	6625	MCS0	6.66	6.48	9.58	11.00
		151	6705		7.04	6.35	9.72	11.00
		167	6785		7.49	6.8	10.17	11.00
		143	6665	MCS0	7.58	8.36	11.00	12.00



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	802.11ax HEW160	175	6825		7.35	8.44	10.94	12.00
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	6.88	7.17	10.04	10.50
		209	6995		6.25	6.21	9.24	10.50
		233	7115		7.21	6.39	9.83	10.50
	802.11ax HEW20	185	6875	MCS0	6.35	6.61	9.49	10.50
		209	6995		6.33	6.37	9.36	10.50
		233	7115		6.39	5.61	9.03	10.50
	802.11ax HEW40	187	6885	MCS0	6.46	6.75	9.62	10.00
		227	7085		5.94	5.62	8.79	10.00
	802.11ax HEW80	183	6865	MCS0	6.68	7.09	9.90	11.00
		199	6945		6.89	6.81	9.86	11.00
		215	7025		6.44	6.15	9.31	11.00
	802.11ax HEW160	207	6985	MCS0	7.63	9.14	11.46	12.50

WIFI 6E Ant 5 Head Non-DBS						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	6.21	7
		45	6175		5.97	7
		93	6415		5.95	7
	802.11ax HEW20	1	5955	MCS0	7.47	8
		45	6175		7.33	8
		93	6415		7.76	8
	802.11ax HEW40	3	5965	MCS0	9.34	10
		43	6165		8.94	10
		91	6405		9.94	10
	802.11ax HEW80	7	5985	MCS0	14.33	14.5
		39	6145		13.06	14.5
		87	6385		13.73	14.5
	802.11ax HEW160	15	6025	MCS0	13.92	15.5
		47	6185		14.88	15.5
		79	6345		15.04	15.5
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	6.20	7
		105	6475		5.49	7
		113	6515		6.67	7



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	802.11ax HEW20	97	6435	MCS0	7.91	8	
		105	6475		7.83	8	
		113	6515		7.07	8	
	802.11ax HEW40	99	6445	MCS0	9.83	10	
		107	6485		9.74	10	
	802.11ax HEW80	103	6465	MCS0	13.87	14	
		119	6545		13.19	14	
	802.11ax HEW160	111	6505	MCS0	15.31	15.5	
	U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	6.29	6.5
			149	6695		4.99	6.5
			181	6855		4.68	6.5
		802.11ax HEW20	117	6535	MCS0	7.27	7.5
149			6695	5.95		7.5	
181			6855	5.87		7.5	
802.11ax HEW40		115	6525	MCS0	9.42	9.5	
		147	6685		8.09	9.5	
		179	6845		8.79	9.5	
802.11ax HEW80		135	6625	MCS0	12.73	14	
		151	6705		13.24	14	
		167	6785		13.60	14	
802.11ax HEW160		143	6665	MCS0	13.73	15	
		175	6825		13.42	15	
U-NII-8 7.0GHz		802.11a	185	6875	6Mbps	6.03	6.5
			209	6995		5.38	6.5
			233	7115		6.35	6.5
		802.11ax HEW20	185	6875	MCS0	6.51	7.5
			209	6995		6.35	7.5
			233	7115		6.52	7.5
		802.11ax HEW40	187	6885	MCS0	8.56	9
			227	7085		8.03	9
		802.11ax HEW80	183	6865	MCS0	12.80	14
			199	6945		12.94	14
	215		7025	12.47		14	
	802.11ax HEW160	207	6985	MCS0	13.71	15.5	



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WIFI 6E Ant 4 Head Non-DBS						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	5.93	7
		45	6175		5.94	7
		93	6415		5.72	7
	802.11ax HEW20	1	5955	MCS0	6.76	8
		45	6175		6.74	8
		93	6415		6.29	8
	802.11ax HEW40	3	5965	MCS0	8.99	10
		43	6165		8.47	10
		91	6405		8.52	10
	802.11ax HEW80	7	5985	MCS0	12.29	13.5
		39	6145		12.81	13.5
		87	6385		12.61	13.5
	802.11ax HEW160	15	6025	MCS0	14.37	15.5
		47	6185		14.96	15.5
		79	6345		14.95	15.5
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	5.25	7
		105	6475		5.85	7
		113	6515		5.74	7
	802.11ax HEW20	97	6435	MCS0	6.40	8
		105	6475		6.73	8
		113	6515		6.16	8
	802.11ax HEW40	99	6445	MCS0	8.40	10
		107	6485		8.62	10
	802.11ax HEW80	103	6465	MCS0	12.68	14
		119	6545		12.48	14
	802.11ax HEW160	111	6505	MCS0	14.85	15.5
	U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	5.91
149			6695	4.96		6.5
181			6855	5.22		6.5
802.11ax HEW20		117	6535	MCS0	6.75	7.5
		149	6695		5.83	7.5
		181	6855		6.12	7.5
			115	6525	MCS0	8.74



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U-NII-8 7.0GHz	802.11ax HEW40	147	6685	MCS0	7.97	9.5	
		179	6845		9.11	9.5	
	802.11ax HEW80	135	6625	MCS0	12.38	14	
		151	6705		12.15	14	
		167	6785		12.69	14	
	802.11ax HEW160	143	6665	MCS0	14.29	15	
		175	6825		14.41	15	
	U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	6.11	6.5
			209	6995		5.10	6.5
			233	7115		5.28	6.5
		802.11ax HEW20	185	6875	MCS0	6.56	7.5
			209	6995		6.23	7.5
233			7115	5.60		7.5	
802.11ax HEW40		187	6885	MCS0	8.65	9	
		227	7085		7.45	9	
802.11ax HEW80		183	6865	MCS0	12.93	14	
		199	6945		12.74	14	
		215	7025		12.00	14	
802.11ax HEW160		207	6985	MCS0	15.09	15.5	

WIFI 6E MIMO Head Non-DBS								
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	6.21	5.93	9.08	10.00
		45	6175		5.97	5.94	8.97	10.00
		93	6415		5.95	5.72	8.85	10.00
	802.11ax HEW20	1	5955	MCS0	7.47	6.76	10.14	11.00
		45	6175		7.33	6.74	10.06	11.00
		93	6415		7.76	6.29	10.10	11.00
	802.11ax HEW40	3	5965	MCS0	9.34	8.99	12.18	13.00
		43	6165		8.94	8.47	11.72	13.00
		91	6405		9.94	8.52	12.30	13.00
	802.11ax HEW80	7	5985	MCS0	14.33	12.29	16.44	17.00
		39	6145		13.06	12.81	15.95	17.00
		87	6385		13.73	12.61	16.22	17.00
		15	6025	MCS0	13.92	14.37	17.16	18.50



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	802.11ax HEW160	47	6185		14.88	14.96	17.93	18.50	
		79	6345		15.04	14.95	18.01	18.50	
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	6.2	5.25	8.76	10.00	
		105	6475		5.49	5.85	8.68	10.00	
		113	6515		6.67	5.74	9.24	10.00	
	802.11ax HEW20	97	6435	MCS0	7.91	6.4	10.23	11.00	
		105	6475		7.83	6.73	10.33	11.00	
		113	6515		7.07	6.16	9.65	11.00	
	802.11ax HEW40	99	6445	MCS0	9.83	8.4	12.18	13.00	
		107	6485		9.74	8.62	12.23	13.00	
	802.11ax HEW80	103	6465	MCS0	13.87	12.68	16.33	17.00	
		119	6545		13.19	12.48	15.86	17.00	
		802.11ax HEW160	111	6505	MCS0	15.31	14.85	18.10	18.50
	U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	6.29	5.91	9.11	9.50
149			6695	4.99		4.96	7.99	9.50	
181			6855	4.68		5.22	7.97	9.50	
802.11ax HEW20		117	6535	MCS0	7.27	6.75	10.03	10.50	
		149	6695		5.95	5.83	8.90	10.50	
		181	6855		5.87	6.12	9.01	10.50	
802.11ax HEW40		115	6525	MCS0	9.42	8.74	12.10	12.50	
		147	6685		8.09	7.97	11.04	12.50	
		179	6845		8.79	9.11	11.96	12.50	
802.11ax HEW80		135	6625	MCS0	12.73	12.38	15.57	17.00	
		151	6705		13.24	12.15	15.74	17.00	
		167	6785		13.6	12.69	16.18	17.00	
802.11ax HEW160		143	6665	MCS0	13.73	14.29	17.03	18.00	
		175	6825		13.42	14.41	16.95	18.00	
U-NII-8 7.0GHz		802.11a	185	6875	6Mbps	6.03	6.11	9.08	9.50
	209		6995	5.38		5.1	8.25	9.50	
	233		7115	6.35		5.28	8.86	9.50	
	802.11ax HEW20	185	6875	MCS0	6.51	6.56	9.55	10.50	
		209	6995		6.35	6.23	9.30	10.50	
		233	7115		6.52	5.6	9.09	10.50	
	802.11ax HEW40	187	6885	MCS0	8.56	8.65	11.62	12.00	
		227	7085		8.03	7.45	10.76	12.00	
			183	6865	MCS0	12.8	12.93	15.88	17.00



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802.11ax HEW80	199	6945	MCS0	12.94	12.74	15.85	17.00
	215	7025		12.47	12	15.25	17.00
802.11ax HEW160	207	6985	MCS0	13.71	15.09	17.46	18.50

WIFI 6E Ant 5 Head DBS						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	3.18	4
		45	6175		3.01	4
		93	6415		2.85	4
	802.11ax HEW20	1	5955	MCS0	4.42	5
		45	6175		4.31	5
		93	6415		4.77	5
	802.11ax HEW40	3	5965	MCS0	6.40	7
		43	6165		5.87	7
		91	6405		6.99	7
	802.11ax HEW80	7	5985	MCS0	11.33	11.5
		39	6145		10.11	11.5
		87	6385		10.77	11.5
	802.11ax HEW160	15	6025	MCS0	10.91	12.5
		47	6185		11.98	12.5
		79	6345		12.04	12.5
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	3.22	4
		105	6475		2.57	4
		113	6515		3.66	4
	802.11ax HEW20	97	6435	MCS0	4.96	5
		105	6475		4.83	5
		113	6515		4.06	5
	802.11ax HEW40	99	6445	MCS0	6.78	7
		107	6485		6.73	7
	802.11ax HEW80	103	6465	MCS0	10.94	11
		119	6545		10.16	11
	802.11ax HEW160	111	6505	MCS0	12.31	12.5
	U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	3.29
149			6695	1.98		3.5



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	802.11ax HEW20	181	6855	MCS0	1.66	3.5
		117	6535		4.35	4.5
		149	6695		2.96	4.5
		181	6855		2.86	4.5
	802.11ax HEW40	115	6525	MCS0	6.45	6.5
		147	6685		5.13	6.5
		179	6845		5.75	6.5
	802.11ax HEW80	135	6625	MCS0	9.76	11
		151	6705		10.21	11
		167	6785		10.54	11
	802.11ax HEW160	143	6665	MCS0	10.71	12
		175	6825		10.43	12
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	2.99	3.5
		209	6995		2.31	3.5
		233	7115		3.30	3.5
	802.11ax HEW20	185	6875	MCS0	3.53	4.5
		209	6995		3.39	4.5
		233	7115		3.51	4.5
	802.11ax HEW40	187	6885	MCS0	5.58	6
		227	7085		4.96	6
	802.11ax HEW80	183	6865	MCS0	9.81	11
		199	6945		10.02	11
		215	7025		9.54	11
	802.11ax HEW160	207	6985	MCS0	10.72	12.5

WIFI 6E Ant 4 Head DBS						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	2.93	4
		45	6175		2.96	4
		93	6415		2.73	4
	802.11ax HEW20	1	5955	MCS0	3.66	5
		45	6175		3.73	5
		93	6415		3.35	5
	802.11ax HEW40	3	5965	MCS0	5.97	7
		43	6165		5.41	7



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		91	6405		5.59	7
	802.11ax HEW80	7	5985	MCS0	9.35	10.5
		39	6145		9.79	10.5
		87	6385		9.54	10.5
	802.11ax HEW160	15	6025	MCS0	11.36	12.5
		47	6185		11.97	12.5
		79	6345		11.99	12.5
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	2.21	4
		105	6475		2.94	4
		113	6515		2.75	4
	802.11ax HEW20	97	6435	MCS0	3.41	5
		105	6475		3.72	5
		113	6515		3.16	5
	802.11ax HEW40	99	6445	MCS0	5.41	7
		107	6485		5.68	7
	802.11ax HEW80	103	6465	MCS0	9.68	11
		119	6545		9.53	11
	802.11ax HEW160	111	6505	MCS0	11.91	12.5
	U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	2.97
149			6695	2.01		3.5
181			6855	2.15		3.5
802.11ax HEW20		117	6535	MCS0	3.81	4.5
		149	6695		2.82	4.5
		181	6855		3.18	4.5
802.11ax HEW40		115	6525	MCS0	5.71	6.5
		147	6685		5.01	6.5
		179	6845		6.17	6.5
802.11ax HEW80		135	6625	MCS0	9.42	11
		151	6705		9.16	11
		167	6785		9.77	11
802.11ax HEW160		143	6665	MCS0	11.31	12
		175	6825		11.38	12
U-NII-8 7.0GHz		802.11a	185	6875	6Mbps	3.06
	209		6995	2.09		3.5
	233		7115	2.32		3.5
		185	6875	MCS0	3.57	4.5



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802.11ax HEW20	209	6995	MCS0	3.20	4.5
	233	7115		2.51	4.5
802.11ax HEW40	187	6885	MCS0	5.73	6
	227	7085		4.53	6
802.11ax HEW80	183	6865	MCS0	9.90	11
	199	6945		9.73	11
	215	7025		9.04	11
802.11ax HEW160	207	6985	MCS0	12.03	12.5

WIFI 6E MIMO Head DBS								
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	3.18	2.93	6.07	7.00
		45	6175		3.01	2.96	6.00	7.00
		93	6415		2.85	2.73	5.80	7.00
	802.11ax HEW20	1	5955	MCS0	4.42	3.66	7.07	8.00
		45	6175		4.31	3.73	7.04	8.00
		93	6415		4.77	3.35	7.13	8.00
	802.11ax HEW40	3	5965	MCS0	6.4	5.97	9.20	10.00
		43	6165		5.87	5.41	8.66	10.00
		91	6405		6.99	5.59	9.36	10.00
	802.11ax HEW80	7	5985	MCS0	11.33	9.35	13.46	14.00
		39	6145		10.11	9.79	12.96	14.00
		87	6385		10.77	9.54	13.21	14.00
	802.11ax HEW160	15	6025	MCS0	10.91	11.36	14.15	15.50
		47	6185		11.98	11.97	14.99	15.50
		79	6345		12.04	11.99	15.03	15.50
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	3.22	2.21	5.75	7.00
		105	6475		2.57	2.94	5.77	7.00
		113	6515		3.66	2.75	6.24	7.00
	802.11ax HEW20	97	6435	MCS0	4.96	3.41	7.26	8.00
		105	6475		4.83	3.72	7.32	8.00
		113	6515		4.06	3.16	6.64	8.00
	802.11ax HEW40	99	6445	MCS0	6.78	5.41	9.16	10.00
		107	6485		6.73	5.68	9.25	10.00
			103	6465	MCS0	10.94	9.68	13.37



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U-NII-7 6.7GHz	802.11ax HEW80	119	6545		10.16	9.53	12.87	14.00	
	802.11ax HEW160	111	6505	MCS0	12.31	11.91	15.12	15.50	
	802.11a	117	6535	6Mbps	3.29	2.97	6.14	6.50	
		149	6695		1.98	2.01	5.01	6.50	
		181	6855		1.66	2.15	4.92	6.50	
	802.11ax HEW20	117	6535	MCS0	4.35	3.81	7.10	7.50	
		149	6695		2.96	2.82	5.90	7.50	
		181	6855		2.86	3.18	6.03	7.50	
	802.11ax HEW40	115	6525	MCS0	6.45	5.71	9.11	9.50	
		147	6685		5.13	5.01	8.08	9.50	
		179	6845		5.75	6.17	8.98	9.50	
	802.11ax HEW80	135	6625	MCS0	9.76	9.42	12.60	14.00	
		151	6705		10.21	9.16	12.73	14.00	
		167	6785		10.54	9.77	13.18	14.00	
	802.11ax HEW160	143	6665	MCS0	10.71	11.31	14.03	15.00	
		175	6825		10.43	11.38	13.94	15.00	
	U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	2.99	3.06	6.04	6.50
			209	6995		2.31	2.09	5.21	6.50
233			7115	3.3		2.32	5.85	6.50	
802.11ax HEW20		185	6875	MCS0	3.53	3.57	6.56	7.50	
		209	6995		3.39	3.2	6.31	7.50	
		233	7115		3.51	2.51	6.05	7.50	
802.11ax HEW40		187	6885	MCS0	5.58	5.73	8.67	9.00	
		227	7085		4.96	4.53	7.76	9.00	
802.11ax HEW80		183	6865	MCS0	9.81	9.9	12.87	14.00	
		199	6945		10.02	9.73	12.89	14.00	
		215	7025		9.54	9.04	12.31	14.00	
802.11ax HEW160		207	6985	MCS0	10.72	12.03	14.43	15.50	

WIFI 6E Ant 5 Body worn Non-DBS						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	7.02	8
		45	6175		7.16	8
		93	6415		6.55	8



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	802.11ax HEW20	1	5955	MCS0	7.85	9	
		45	6175		7.75	9	
		93	6415		7.31	9	
	802.11ax HEW40	3	5965	MCS0	9.88	11	
		43	6165		9.49	11	
		91	6405		9.57	11	
	802.11ax HEW80	7	5985	MCS0	13.66	15.5	
		39	6145		13.71	15.5	
		87	6385		13.63	15.5	
	802.11ax HEW160	15	6025	MCS0	15.30	16.5	
		47	6185		15.98	16.5	
		79	6345		16.09	16.5	
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	6.22	8	
		105	6475		6.89	8	
		113	6515		6.87	8	
	802.11ax HEW20	97	6435	MCS0	7.46	9	
		105	6475		7.72	9	
		113	6515		7.18	9	
	802.11ax HEW40	99	6445	MCS0	9.37	11	
		107	6485		9.66	11	
	802.11ax HEW80	103	6465	MCS0	13.74	15	
		119	6545		13.48	15	
	802.11ax HEW160	111	6505	MCS0	15.77	16.5	
	U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	7.10	7.5
149			6695	6.09		7.5	
181			6855	6.38		7.5	
802.11ax HEW20		117	6535	MCS0	7.83	8.5	
		149	6695		6.91	8.5	
		181	6855		7.24	8.5	
802.11ax HEW40		115	6525	MCS0	9.68	10.5	
		147	6685		8.93	10.5	
		179	6845		10.07	10.5	
802.11ax HEW80		135	6625	MCS0	13.38	15	
		151	6705		13.08	15	
		167	6785		13.81	15	
			143	6665	MCS0	15.41	16



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	802.11ax HEW160	175	6825		15.36	16
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	7.03	7.5
		209	6995		6.28	7.5
		233	7115		6.16	7.5
	802.11ax HEW20	185	6875	MCS0	7.61	8.5
		209	6995		7.23	8.5
		233	7115		6.56	8.5
	802.11ax HEW40	187	6885	MCS0	9.72	10
		227	7085		8.53	10
	802.11ax HEW80	183	6865	MCS0	14.05	15
		199	6945		13.76	15
		215	7025		13.11	15
	802.11ax HEW160	207	6985	MCS0	16.03	16.5

WIFI 6E Ant 4 Body worn Non-DBS						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	7.02	8
		45	6175		7.08	8
		93	6415		6.64	8
	802.11ax HEW20	1	5955	MCS0	7.79	9
		45	6175		7.79	9
		93	6415		7.36	9
	802.11ax HEW40	3	5965	MCS0	9.93	11
		43	6165		9.42	11
		91	6405		9.52	11
	802.11ax HEW80	7	5985	MCS0	13.22	14.5
		39	6145		13.81	14.5
		87	6385		13.62	14.5
	802.11ax HEW160	15	6025	MCS0	15.40	16.5
		47	6185		15.88	16.5
		79	6345		16.02	16.5
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	6.30	8
		105	6475		6.95	8
		113	6515		6.77	8



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	802.11ax HEW20	97	6435	MCS0	7.43	9	
		105	6475		7.72	9	
		113	6515		7.13	9	
	802.11ax HEW40	99	6445	MCS0	9.40	11	
		107	6485		9.62	11	
	802.11ax HEW80	103	6465	MCS0	13.68	15	
		119	6545		13.45	15	
	802.11ax HEW160	111	6505	MCS0	15.78	16.5	
	U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	7.03	7.5
			149	6695		6.08	7.5
			181	6855		6.30	7.5
		802.11ax HEW20	117	6535	MCS0	7.76	8.5
149			6695	6.97		8.5	
181			6855	7.23		8.5	
802.11ax HEW40		115	6525	MCS0	9.59	10.5	
		147	6685		9.02	10.5	
		179	6845		10.15	10.5	
802.11ax HEW80		135	6625	MCS0	13.37	15	
		151	6705		13.13	15	
		167	6785		13.84	15	
802.11ax HEW160		143	6665	MCS0	15.38	16	
		175	6825		15.28	16	
U-NII-8 7.0GHz		802.11a	185	6875	6Mbps	7.03	7.5
			209	6995		6.19	7.5
			233	7115		6.24	7.5
		802.11ax HEW20	185	6875	MCS0	7.61	8.5
	209		6995	7.18		8.5	
	233		7115	6.79		8.5	
	802.11ax HEW40	187	6885	MCS0	9.79	10	
		227	7085		8.51	10	
	802.11ax HEW80	183	6865	MCS0	13.96	15	
		199	6945		13.77	15	
		215	7025		13.03	15	
	802.11ax HEW160	207	6985	MCS0	15.97	16.5	



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WIFI 6E MIMO Body worn Non-DBS								
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	7.02	7.02	10.03	11.00
		45	6175		7.16	7.08	10.13	11.00
		93	6415		6.55	6.64	9.61	11.00
	802.11ax HEW20	1	5955	MCS0	7.85	7.79	10.83	12.00
		45	6175		7.75	7.79	10.78	12.00
		93	6415		7.31	7.36	10.35	12.00
	802.11ax HEW40	3	5965	MCS0	9.88	9.93	12.92	14.00
		43	6165		9.49	9.42	12.47	14.00
		91	6405		9.57	9.52	12.56	14.00
	802.11ax HEW80	7	5985	MCS0	13.66	13.22	16.46	18.00
		39	6145		13.71	13.81	16.77	18.00
		87	6385		13.63	13.62	16.64	18.00
	802.11ax HEW160	15	6025	MCS0	15.3	15.4	18.36	19.50
		47	6185		15.98	15.88	18.94	19.50
		79	6345		16.09	16.02	19.07	19.50
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	6.22	6.3	9.27	11.00
		105	6475		6.89	6.95	9.93	11.00
		113	6515		6.87	6.77	9.83	11.00
	802.11ax HEW20	97	6435	MCS0	7.46	7.43	10.46	12.00
		105	6475		7.72	7.72	10.73	12.00
		113	6515		7.18	7.13	10.17	12.00
	802.11ax HEW40	99	6445	MCS0	9.37	9.4	12.40	14.00
		107	6485		9.66	9.62	12.65	14.00
	802.11ax HEW80	103	6465	MCS0	13.74	13.68	16.72	18.00
		119	6545		13.48	13.45	16.48	18.00
	802.11ax HEW160	111	6505	MCS0	15.77	15.78	18.79	19.50
	U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	7.1	7.03	10.08
149			6695	6.09		6.08	9.10	10.50
181			6855	6.38		6.3	9.35	10.50
802.11ax HEW20		117	6535	MCS0	7.83	7.76	10.81	11.50
		149	6695		6.91	6.97	9.95	11.50
		181	6855		7.24	7.23	10.25	11.50
802.11ax HEW40		115	6525	MCS0	9.68	9.59	12.65	13.50
		147	6685		8.93	9.02	11.99	13.50



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		179	6845		10.07	10.15	13.12	13.50
	802.11ax HEW80	135	6625	MCS0	13.38	13.37	16.39	18.00
		151	6705		13.08	13.13	16.12	18.00
		167	6785		13.81	13.84	16.84	18.00
	802.11ax HEW160	143	6665	MCS0	15.41	15.38	18.41	19.00
		175	6825		15.36	15.28	18.33	19.00
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	7.03	7.03	10.04	10.50
		209	6995		6.28	6.19	9.25	10.50
		233	7115		6.16	6.24	9.21	10.50
	802.11ax HEW20	185	6875	MCS0	7.61	7.61	10.62	11.50
		209	6995		7.23	7.18	10.22	11.50
		233	7115		6.56	6.79	9.69	11.50
	802.11ax HEW40	187	6885	MCS0	9.72	9.79	12.77	13.00
		227	7085		8.53	8.51	11.53	13.00
	802.11ax HEW80	183	6865	MCS0	14.05	13.96	17.02	18.00
		199	6945		13.76	13.77	16.78	18.00
		215	7025		13.11	13.03	16.08	18.00
	802.11ax HEW160	207	6985	MCS0	16.03	15.97	19.01	19.50

WIFI 6E Ant 5 Body worn DBS						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	4.48	5.5
		45	6175		4.66	5.5
		93	6415		4.02	5.5
	802.11ax HEW20	1	5955	MCS0	5.35	6.5
		45	6175		5.23	6.5
		93	6415		4.77	6.5
	802.11ax HEW40	3	5965	MCS0	7.36	8.5
		43	6165		7.00	8.5
		91	6405		7.03	8.5
	802.11ax HEW80	7	5985	MCS0	11.21	13
		39	6145		11.16	13
		87	6385		11.14	13
	802.11ax HEW160	15	6025	MCS0	12.79	14
		47	6185		13.50	14



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		79	6345		13.58	14	
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	3.77	5.5	
		105	6475		4.40	5.5	
		113	6515		4.38	5.5	
	802.11ax HEW20	97	6435	MCS0	4.93	6.5	
		105	6475		5.19	6.5	
		113	6515		4.64	6.5	
	802.11ax HEW40	99	6445	MCS0	6.85	8.5	
		107	6485		7.16	8.5	
	802.11ax HEW80	103	6465	MCS0	11.24	12.5	
		119	6545		10.93	12.5	
	802.11ax HEW160	111	6505	MCS0	13.24	14	
	U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	4.65	5
149			6695	3.62		5	
181			6855	3.86		5	
802.11ax HEW20		117	6535	MCS0	5.32	6	
		149	6695		4.44	6	
		181	6855		4.73	6	
802.11ax HEW40		115	6525	MCS0	7.14	8	
		147	6685		6.44	8	
		179	6845		7.62	8	
802.11ax HEW80		135	6625	MCS0	10.88	12.5	
		151	6705		10.62	12.5	
		167	6785		11.33	12.5	
802.11ax HEW160		143	6665	MCS0	12.90	13.5	
		175	6825		12.86	13.5	
U-NII-8 7.0GHz		802.11a	185	6875	6Mbps	4.49	5
			209	6995		3.75	5
			233	7115		3.71	5
		802.11ax HEW20	185	6875	MCS0	5.15	6
	209		6995	4.74		6	
	233		7115	4.10		6	
	802.11ax HEW40	187	6885	MCS0	7.18	7.5	
		227	7085		6.02	7.5	
	802.11ax HEW80	183	6865	MCS0	11.53	12.5	
		199	6945		11.30	12.5	



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		215	7025		10.63	12.5
	802.11ax HEW160	207	6985	MCS0	13.49	14

WIFI 6E Ant 4 Body worn DBS						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	4.48	5.5
		45	6175		4.55	5.5
		93	6415		4.16	5.5
	802.11ax HEW20	1	5955	MCS0	5.27	6.5
		45	6175		5.33	6.5
		93	6415		4.86	6.5
	802.11ax HEW40	3	5965	MCS0	7.45	8.5
		43	6165		6.95	8.5
		91	6405		7.00	8.5
	802.11ax HEW80	7	5985	MCS0	10.70	12
		39	6145		11.29	12
		87	6385		11.16	12
	802.11ax HEW160	15	6025	MCS0	12.92	14
		47	6185		13.35	14
		79	6345		13.49	14
	U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	3.83
105			6475	4.45		5.5
113			6515	4.24		5.5
802.11ax HEW20		97	6435	MCS0	4.96	6.5
		105	6475		5.17	6.5
		113	6515		4.64	6.5
802.11ax HEW40		99	6445	MCS0	6.94	8.5
		107	6485		7.17	8.5
802.11ax HEW80		103	6465	MCS0	11.16	12.5
		119	6545		10.95	12.5
802.11ax HEW160		111	6505	MCS0	13.26	14
U-NII-7 6.7GHz		802.11a	117	6535	6Mbps	4.49
	149		6695	3.62		5
	181		6855	3.80		5



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	802.11ax HEW20	117	6535	MCS0	5.30	6	
		149	6695		4.47	6	
		181	6855		4.76	6	
	802.11ax HEW40	115	6525	MCS0	7.12	8	
		147	6685		6.51	8	
		179	6845		7.70	8	
	802.11ax HEW80	135	6625	MCS0	10.90	12.5	
		151	6705		10.62	12.5	
		167	6785		11.29	12.5	
	802.11ax HEW160	143	6665	MCS0	12.85	13.5	
		175	6825		12.77	13.5	
	U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	4.51	5
			209	6995		3.69	5
			233	7115		3.78	5
		802.11ax HEW20	185	6875	MCS0	5.09	6
			209	6995		4.63	6
233			7115	4.24		6	
802.11ax HEW40		187	6885	MCS0	7.34	7.5	
		227	7085		5.96	7.5	
802.11ax HEW80		183	6865	MCS0	11.49	12.5	
		199	6945		11.23	12.5	
		215	7025		10.52	12.5	
802.11ax HEW160		207	6985	MCS0	13.44	14	

WIFI 6E MIMO Body worn DBS								
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	4.48	4.48	7.49	8.50
		45	6175		4.66	4.55	7.62	8.50
		93	6415		4.02	4.16	7.10	8.50
	802.11ax HEW20	1	5955	MCS0	5.35	5.27	8.32	9.50
		45	6175		5.23	5.33	8.29	9.50
		93	6415		4.77	4.86	7.83	9.50
	802.11ax HEW40	3	5965	MCS0	7.36	7.45	10.42	11.50
		43	6165		7	6.95	9.99	11.50
		91	6405		7.03	7	10.03	11.50



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	802.11ax HEW80	7	5985	MCS0	11.21	10.7	13.97	15.50
		39	6145		11.16	11.29	14.24	15.50
		87	6385		11.14	11.16	14.16	15.50
	802.11ax HEW160	15	6025	MCS0	12.79	12.92	15.87	17.00
		47	6185		13.5	13.35	16.44	17.00
		79	6345		13.58	13.49	16.55	17.00
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	3.77	3.83	6.81	8.50
		105	6475		4.4	4.45	7.44	8.50
		113	6515		4.38	4.24	7.32	8.50
	802.11ax HEW20	97	6435	MCS0	4.93	4.96	7.96	9.50
		105	6475		5.19	5.17	8.19	9.50
		113	6515		4.64	4.64	7.65	9.50
	802.11ax HEW40	99	6445	MCS0	6.85	6.94	9.91	11.50
		107	6485		7.16	7.17	10.18	11.50
	802.11ax HEW80	103	6465	MCS0	11.24	11.16	14.21	15.50
		119	6545		10.93	10.95	13.95	15.50
	802.11ax HEW160	111	6505	MCS0	13.24	13.26	16.26	17.00
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	4.65	4.49	7.58	8.00
		149	6695		3.62	3.62	6.63	8.00
		181	6855		3.86	3.8	6.84	8.00
	802.11ax HEW20	117	6535	MCS0	5.32	5.3	8.32	9.00
		149	6695		4.44	4.47	7.47	9.00
		181	6855		4.73	4.76	7.76	9.00
	802.11ax HEW40	115	6525	MCS0	7.14	7.12	10.14	11.00
		147	6685		6.44	6.51	9.49	11.00
		179	6845		7.62	7.7	10.67	11.00
	802.11ax HEW80	135	6625	MCS0	10.88	10.9	13.90	15.50
		151	6705		10.62	10.62	13.63	15.50
		167	6785		11.33	11.29	14.32	15.50
802.11ax HEW160	143	6665	MCS0	12.9	12.85	15.89	16.50	
	175	6825		12.86	12.77	15.83	16.50	
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	4.49	4.51	7.51	8.00
		209	6995		3.75	3.69	6.73	8.00
		233	7115		3.71	3.78	6.76	8.00
	802.11ax HEW20	185	6875	MCS0	5.15	5.09	8.13	9.00
		209	6995		4.74	4.63	7.70	9.00



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		233	7115		4.1	4.24	7.18	9.00
802.11ax HEW40	MCS0	187	6885		7.18	7.34	10.27	10.50
		227	7085		6.02	5.96	9.00	10.50
802.11ax HEW80	MCS0	183	6865		11.53	11.49	14.52	15.50
		199	6945		11.3	11.23	14.28	15.50
		215	7025		10.63	10.52	13.59	15.50
802.11ax HEW160	MCS0	207	6985		13.49	13.44	16.48	17.00



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12.4 Conducted Power of Bluetooth

BT Ant 6		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	11.69	11.77	11.72	12.50
	π/4DQPSK	9.05	8.98	9.02	10.00
	8DPSK	8.92	8.96	8.99	10.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	11.64	11.67	11.62	12.50
BLE 2M	GFSK	11.61	11.28	11.32	12.50

- End of the Appendix -



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