

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
		140	5700		11.84	11.30	14.59	16.00
		144	5720		12.20	12.09	15.16	16.00
	U-NII-3	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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	U-NII-2A	54	5270		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
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	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
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	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
		140	5700		14.97	16.00
		144	5720		15.26	16.00
	U-NII-3	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
		140	5700		14.92	16.00
		144	5720		14.97	16.00
	U-NII-3	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
		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
		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
		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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		56	5280		14.93	15.50
		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
		64	5320		15.42	16.00
	U-NII-2C	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
		140	5700		14.05	16.00
		144	5720		14.68	16.00
	U-NII-3	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
		142	5710		16.15	17.50
	U-NII-3	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
		134	5670		15.86	17.50
		142	5710		15.99	17.50
	U-NII-3	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
	U-NII-2A	58	5290		15.53	17.00
	U-NII-2C	106	5530		15.47	16.00
		122	5610		15.94	17.50
		138	5690		16.32	17.50
	U-NII-3	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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		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
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	16.36	16.64	19.51	20.50
		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
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	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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		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
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	16.33	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
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	16.48	15.90	19.21	20.00
	U-NII-2A	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
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	13.70	14.16	16.95	17.50
	U-NII-2C	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
		140	5700		14.79	14.31	17.57	19.00
		144	5720		15.07	15.12	18.11	19.00
	U-NII-3	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)	Tune up
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
		140	5700		17.29	18.50	16.00
		144	5720		17.67	18.50	16.00
	U-NII-3	149	5745		12.05	13.00	12.50



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		153	5765		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
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11n-HT20	U-NII-1	36	5180	MCS0	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
	U-NII-2A	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
		140	5700		17.78	19.00	17.00
		144	5720		18.12	19.00	17.00
	U-NII-3	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
		165	5825		12.15	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	12.05	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
		142	5710		19.71	20.50	18.50
	U-NII-3	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
		140	5700		16.58	18.50	16.00
		144	5720		17.75	18.50	16.00
	U-NII-3	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
		140	5700		17.13	19.00	17.00
		144	5720		17.91	19.00	17.00
	U-NII-3	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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	U-NII-3	151	5755		11.52	12.50	11.50
		159	5795		11.64	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	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
		140	5700		17.22	19.00	17.00
		144	5720		17.85	19.00	17.00
	U-NII-3	149	5745		11.35	12.00	11.50
		153	5765		11.55	12.00	11.50
		157	5785		11.55	12.00	11.50
		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
		134	5670		18.87	20.50	18.50
		142	5710		18.96	20.50	18.50
	U-NII-3	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
	U-NII-2C	106	5530		18.65	19.00	18.00
		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
		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
	U-NII-3	149	5745		12.05	12.31	15.19	16.00	12.50
		153	5765		11.73	12.38	15.08	16.00	12.50
		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
		144	5720		18.12	17.91	21.03	22.00	17.00
	U-NII-3	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
	U-NII-2C	100	5500		18.16	18.28	21.23	22.00	17.00
		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
		144	5720		18.15	17.85	21.01	22.00	17.00
	U-NII-3	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
		151	5755		11.81	11.23	14.54	15.50	11.50
	U-NII-3	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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		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
	U-NII-2A	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
		138	5690		19.55	19.15	22.36	23.50	19.00
	U-NII-3	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
		140	5700		7.33	8.50
		144	5720		7.42	8.50
	U-NII-3	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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		132	5660		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
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	7.87	9.00
		46	5230		7.90	9.00
	U-NII-2A	54	5270		8.18	9.00
		62	5310		8.18	9.00
	U-NII-2C	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
		142	5710		9.58	10.50
	U-NII-3	151	5755		7.24	8.00
		159	5795		7.32	8.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
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
		60	5300		7.58	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
		142	5710		9.51	10.50
	U-NII-3	151	5755		7.35	8.00
		159	5795		7.32	8.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	7.69	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
		140	5700		6.60	8.50
		144	5720		7.78	8.50
	U-NII-3	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
		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
		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
		134	5670		8.96	10.50
		142	5710		8.96	10.50
	U-NII-3	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
		140	5700		7.33	6.60	9.99	11.50
		144	5720		7.42	7.78	10.61	11.50
	U-NII-3	149	5745		7.39	7.91	10.67	11.50
		153	5765		7.41	7.89	10.67	11.50



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		157	5785		7.38	7.97	10.70	11.50
		161	5805		7.57	7.68	10.64	11.50
		165	5825		8.24	8.06	11.16	11.50
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	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
	U-NII-2A	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
		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
	U-NII-3	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
		161	5805		7.67	7.76	10.73	11.50
		165	5825		7.56	8.00	10.80	11.50
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	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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		142	5710		9.58	9.01	12.31	13.50
	U-NII-3	151	5755		7.24	6.98	10.12	11.00
		159	5795		7.32	7.12	10.23	11.00
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	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
		140	5700		7.70	7.37	10.55	12.00
		144	5720		8.09	7.63	10.88	12.00
	U-NII-3	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
		161	5805		6.72	7.24	10.00	10.50
		165	5825		6.56	6.88	9.73	10.50
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	7.85	8.06	10.97	12.00
		46	5230		8.03	8.28	11.17	12.00
	U-NII-2A	54	5270		8.06	7.75	10.92	12.00
		62	5310		8.13	7.83	10.99	12.00
	U-NII-2C	102	5510		9.98	9.56	12.79	13.50
		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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		142	5710		9.51	8.96	12.25	13.50
	U-NII-3	151	5755		7.35	7.03	10.20	11.00
		159	5795		7.32	7.03	10.19	11.00
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	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
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	5.04	5.50	8.29	9.00
	U-NII-2C	114	5570		6.21	6.77	9.51	10.50
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	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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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	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
	U-NII-2A	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
	U-NII-2C	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
		140	5700		4.97	6.00
		144	5720		5.18	6.00
	U-NII-3	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
		134	5670		6.45	7.50
		142	5710		6.54	7.50
	U-NII-3	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
		44	5220		3.04	4.50
		48	5240		3.30	4.50
	U-NII-2A	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
		140	5700		4.71	6.00
		144	5720		5.13	6.00
	U-NII-3	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
		142	5710		6.46	7.50
		151	5755		4.38	5.00
	U-NII-3	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
		142	5710		6.73	7.50
	U-NII-3	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
		140	5700		3.57	5.50
		144	5720		4.75	5.50
	U-NII-3	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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		128	5640		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
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	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
		142	5710		6.06	7.50
	U-NII-3	151	5755		4.01	5.00
		159	5795		4.17	5.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
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
		142	5710		5.99	7.50
	U-NII-3	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
		138	5690		6.38	7.50
	U-NII-3	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
		142	5710		6.14	7.50
	U-NII-3	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	6.00
		122	5610		5.84	7.50
		138	5690		6.16	7.50
	U-NII-3	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
		140	5700		4.35	3.57	6.99	8.50
		144	5720		4.40	4.75	7.59	8.50
	U-NII-3	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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		56	5280		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
	U-NII-2C	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
		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
	U-NII-3	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
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	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
		134	5670		6.45	6.02	9.25	10.50
		142	5710		6.54	6.06	9.32	10.50
	U-NII-3	151	5755		4.24	4.01	7.14	8.00
		159	5795		4.31	4.17	7.25	8.00
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	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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		56	5280		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
	U-NII-2C	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
		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
	U-NII-3	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
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	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
		134	5670		6.34	5.92	9.15	10.50
		142	5710		6.46	5.99	9.24	10.50
	U-NII-3	151	5755		4.38	4.07	7.24	8.00
		159	5795		4.31	4.02	7.18	8.00
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	4.69	4.48	7.60	8.50
	U-NII-2A	58	5290		4.55	4.19	7.38	8.50
	U-NII-2C	106	5530		4.96	5.76	8.39	9.00
		122	5610		6.79	5.89	9.37	10.50
		138	5690		6.81	6.38	9.61	10.50



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	U-NII-3	155	5775		4.28	3.51	6.92	8.00
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	2.06	2.48	5.29	6.00
	U-NII-2C	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
		140	5700		4.90	4.28	7.61	9.00
		144	5720		5.19	5.13	8.17	9.00
	U-NII-3	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
		161	5805		4.83	4.91	7.88	8.50
		165	5825		4.64	4.85	7.76	8.50
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	5.04	5.47	8.27	9.00
		46	5230		4.95	5.19	8.08	9.00
	U-NII-2A	54	5270		5.06	4.91	8.00	9.00
		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
		140	5700		9.19	10.50
		144	5720		9.64	10.50
	U-NII-3	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
		64	5320		10.27	11.00
	U-NII-2C	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
		142	5710		11.61	12.50
		151	5755		13.41	14.00
		159	5795		13.20	14.00
	U-NII-3					
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
		142	5710		11.72	12.50
	U-NII-3	151	5755		13.11	14.00
		159	5795		13.14	14.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
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
		138	5690		11.79	12.50
	U-NII-3	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
		134	5670		11.20	12.50
		142	5710		11.76	12.50
	U-NII-3	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
		64	5320		9.45	10.50
	U-NII-2C	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
		144	5720		9.60	10.50
	U-NII-3	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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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

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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
		140	5700		9.13	11.00
		144	5720		9.91	11.00
	U-NII-3	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
		142	5710		11.09	12.50
	U-NII-3	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
		140	5700		9.05	11.00
		144	5720		9.63	11.00
	U-NII-3	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
		142	5710		11.11	12.50
	U-NII-3	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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		122	5610		10.78	12.50
		138	5690		11.07	12.50
	U-NII-3	155	5775		12.19	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	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
		140	5700		9.26	11.00
		144	5720		10.16	11.00
	U-NII-3	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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		140	5700		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
		165	5825		14.08	14.22	17.16	17.50
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	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
		48	5240		9.97	10.42	13.21	14.00
	U-NII-2A	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
	U-NII-2C	100	5500		10.09	10.19	13.15	14.00
		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
		144	5720		10.27	9.91	13.10	14.00
	U-NII-3	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
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	11.35	11.63	14.50	15.50
		46	5230		11.28	11.74	14.53	15.50
	U-NII-2A	54	5270		11.47	11.14	14.32	15.50
		62	5310		11.58	11.30	14.45	15.50
	U-NII-2C	102	5510		12.06	11.57	14.83	15.50



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		110	5550		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
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	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
	U-NII-2A	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
		140	5700		9.96	9.05	12.54	14.00
		144	5720		10.01	9.63	12.83	14.00
	U-NII-3	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
		161	5805		12.82	13.06	15.95	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)
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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		149	5745		13.14	13.70	16.44	17.50
		153	5765		13.02	13.80	16.44	17.50
	U-NII-3	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)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	11.38	11.04	14.22	15.00
	U-NII-2A	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	12.50

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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		149	5745		17.58	19.00
		153	5765		17.55	19.00
	U-NII-3	157	5785		17.73	19.00
		161	5805		18.09	19.00
		165	5825		18.09	19.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
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
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
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
		64	5320		15.58	16.50
	U-NII-2C	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
		140	5700		15.35	16.50
		144	5720		15.48	16.50
	U-NII-3	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
		142	5710		17.10	18.00
		151	5755		17.77	18.50
		159	5795		17.80	18.50
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
		134	5670		16.75	18.00
		142	5710		17.16	18.00
	U-NII-3	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
	U-NII-2A	58	5290		16.55	17.50
	U-NII-2C	106	5530		15.38	16.50
		122	5610		17.15	18.00
		138	5690		17.18	18.00
	U-NII-3	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
		64	5320		15.81	16.50
	U-NII-2C	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
		142	5710		16.56	18.00
	U-NII-3	151	5755		17.36	18.50
		159	5795		17.59	18.50
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
		142	5710		16.54	18.00
	U-NII-3	151	5755		17.30	18.50
		159	5795		17.47	18.50
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
	U-NII-2C	106	5530		16.02	16.50
		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
		140	5700		14.72	16.50
		144	5720		15.53	16.50
	U-NII-3	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
		142	5710		16.49	18.00
	U-NII-3	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
		140	5700		15.33	14.66	18.02	19.50
		144	5720		15.57	15.33	18.46	19.50
	U-NII-3	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
		161	5805		18.09	18.26	21.19	22.00
		165	5825		18.09	18.35	21.23	22.00
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	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
		142	5710		17.10	16.56	19.85	21.00
	U-NII-3	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
		140	5700		15.35	14.63	18.02	19.50
		144	5720		15.48	15.20	18.35	19.50
	U-NII-3	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
		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
		142	5710		17.10	16.54	19.84	21.00
	U-NII-3	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
		140	5700		15.30	14.72	18.03	19.50
		144	5720		15.58	15.53	18.57	19.50
	U-NII-3	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)	Tune up
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
		132	5660		7.53	8.50
		136	5680		7.68	8.50
		140	5700		7.44	8.50
		144	5720		7.79	8.50
	U-NII-3	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
		142	5710		9.07	10.00
	U-NII-3	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
		140	5700		7.50	8.50
		144	5720		7.46	8.50
	U-NII-3	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
		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
		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
		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
		64	5320		8.04	8.50
	U-NII-2C	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
		140	5700		6.51	8.50
		144	5720		7.08	8.50
	U-NII-3	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
		142	5710		8.63	10.00
	U-NII-3	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
		134	5670		8.30	10.00
		142	5710		8.49	10.00
	U-NII-3	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
	U-NII-2A	58	5290		8.01	9.50
	U-NII-2C	106	5530		7.99	8.50
		122	5610		8.41	10.00
		138	5690		8.81	10.00
	U-NII-3	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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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
		142	5710		9.07	8.62	11.86	13.00
	U-NII-3	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)	Average Power (dBm)	Tune up
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
		64	5320		7.64	7.89	10.78	11.50
	U-NII-2C	100	5500		7.86	7.81	10.85	11.50
		104	5520		7.91	7.72	10.83	11.50



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		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
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	8.81	9.01	11.92	13.00
		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
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	9.08	8.40	11.76	12.50
	U-NII-2A	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
		138	5690		9.30	8.61	11.98	13.00
	U-NII-3	155	5775		10.78	9.65	13.26	14.50
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	6.16	6.61	9.40	10.00
	U-NII-2C	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
		140	5700		7.36	6.75	10.08	11.50
		144	5720		7.59	7.67	10.64	11.50
	U-NII-3	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)	Tune up
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)
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
		140	5700		12.79	14.00
		144	5720		13.11	14.00
	U-NII-3	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
		140	5700		12.81	14.00
		144	5720		12.95	14.00
	U-NII-3	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
	U-NII-2C	100	5500		13.24	14.00
		104	5520		13.34	14.00
		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		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
		142	5710		14.63	15.50
	U-NII-3	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
	U-NII-2A	58	5290		14.00	15.00
	U-NII-2C	106	5530		12.90	14.00
		122	5610		14.70	15.50
		138	5690		14.69	15.50
	U-NII-3	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	12.50

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
		132	5660		12.62	14.00
		136	5680		12.56	14.00
	U-NII-3	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
		140	5700		12.11	14.00
		144	5720		12.70	14.00
	U-NII-3	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
		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
		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
		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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		56	5280		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
	U-NII-2C	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
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	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
		64	5320		13.05	13.35	16.21	17.00
	U-NII-2C	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
		136	5680		13.08	12.56	15.84	17.00
		140	5700		12.79	12.20	15.52	17.00



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		144	5720		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
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	14.40	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
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	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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		144	5720		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
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	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
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	14.32	14.05	17.20	18.00
	U-NII-2A	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
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	11.49	12.11	14.82	15.50
	U-NII-2C	114	5570		11.22	11.56	14.40	15.50
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	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
		142	5710		14.63	13.99	17.33	18.50
	U-NII-3	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
		138	5690		14.69	14.16	17.44	18.50
	U-NII-3	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
		140	5700		14.28	15.50
		144	5720		14.64	15.50
	U-NII-3	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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		142	5710		16.67	17.50
	U-NII-3	151	5755		8.99	9.50
		159	5795		9.05	9.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	9.05	9.50
	U-NII-2A	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
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	6.14	7.00
	U-NII-2C	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
		140	5700		13.61	15.50
		144	5720		14.78	15.50
	U-NII-3	149	5745		9.34	10.00
		153	5765		9.42	10.00



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		157	5785		9.46	10.00
		161	5805		9.30	10.00
		165	5825		9.64	10.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	8.12	8.50
		40	5200		7.88	8.50
		44	5220		7.82	8.50
		48	5240		8.09	8.50
	U-NII-2A	52	5260		14.94	16.00
		56	5280		14.83	16.00
		60	5300		14.93	16.00
		64	5320		15.16	16.00
	U-NII-2C	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
		136	5680		14.48	16.00
		140	5700		14.16	16.00
		144	5720		14.87	16.00
	U-NII-3	149	5745		9.04	10.00
		153	5765		9.25	10.00
		157	5785		9.16	10.00
		161	5805		9.20	10.00
		165	5825		9.38	10.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	9.26	10.00
		46	5230		9.40	10.00
	U-NII-2A	54	5270		16.23	17.50
		62	5310		16.47	17.50
	U-NII-2C	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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	U-NII-3	151	5755		8.51	9.50
		159	5795		8.62	9.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	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
		140	5700		14.26	16.00
		144	5720		14.84	16.00
	U-NII-3	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
		142	5710		16.06	17.50
	U-NII-3	151	5755		8.22	9.50



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		159	5795		8.68	9.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	8.54	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
		142	5710		15.94	17.50
	U-NII-3	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
	U-NII-2A	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
	U-NII-2C	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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		116	5580		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
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	7.44	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
	U-NII-2A	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
		140	5700		14.76	14.16	17.48	19.00
		144	5720		15.08	14.87	17.99	19.00
	U-NII-3	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
		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
		142	5710		16.57	16.06	19.33	20.50
	U-NII-3	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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		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
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	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
		142	5710		16.67	15.94	19.33	20.50
	U-NII-3	151	5755		8.99	8.37	11.70	12.50
		159	5795		9.05	8.66	11.87	12.50
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	9.05	8.66	11.87	12.50
	U-NII-2A	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
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	6.14	6.72	9.45	10.00
	U-NII-2C	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
		140	5700		12.80	14.00	11.50
		144	5720		12.97	14.00	11.50
	U-NII-3	149	5745		15.89	17.00	16.50
		153	5765		15.83	17.00	16.50
		157	5785		15.82	17.00	15.50
		161	5805		16.05	17.00	16.50
		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
		142	5710		15.11	16.00	14.00
	U-NII-3	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	Power setting
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
		142	5710		15.04	16.00	14.00
	U-NII-3	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	Power setting
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
	U-NII-2C	106	5530		13.31	14.50	13.50
		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
	U-NII-2C	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
		140	5700		13.29	14.50	12.50
		144	5720		13.58	14.50	12.50
	U-NII-3	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	
					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
		140	5700		12.75	14.50
		144	5720		13.33	14.50
	U-NII-3	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
		140	5700		12.63	14.50
		144	5720		13.12	14.50
	U-NII-3	149	5745		15.36	16.00
		153	5765		15.52	16.00
		157	5785		15.58	16.00
		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
	U-NII-2C	100	5500		13.81	14.50
		104	5520		13.79	14.50
		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
		142	5710		14.49	16.00
	U-NII-3	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
		138	5690		14.75	16.00
	U-NII-3	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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		120	5600		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
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	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
	U-NII-2A	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
		140	5700		13.38	12.75	16.09	17.50
		144	5720		13.65	13.33	16.50	17.50
	U-NII-3	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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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)	Tune up



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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
		142	5710		15.04	14.52	17.80	19.00
	U-NII-3	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
		142	5710		15.14	14.49	17.84	19.00
	U-NII-3	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
	U-NII-2A	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
		138	5690		15.16	14.75	17.97	19.00
	U-NII-3	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
	U-NII-2C	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
		64	5320		12.65	13.50
	U-NII-2C	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
		134	5670		13.72	15.00
		142	5710		14.15	15.00
	U-NII-3	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
		64	5320		12.55	13.50
	U-NII-2C	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
		142	5710		14.02	15.00
	U-NII-3	151	5755		14.74	15.50
		159	5795		14.79	15.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	13.90	14.50
	U-NII-2A	58	5290		13.54	14.50
	U-NII-2C	106	5530		12.28	13.50
		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
		64	5320		12.06	13.00
	U-NII-2C	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
		144	5720		12.22	13.00
	U-NII-3	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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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

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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
		140	5700		11.73	13.50
		144	5720		12.30	13.50
	U-NII-3	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
		142	5710		13.49	15.00
	U-NII-3	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
		140	5700		11.59	13.50
		144	5720		12.16	13.50
	U-NII-3	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
		142	5710		13.49	15.00
	U-NII-3	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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		122	5610		13.33	15.00
		138	5690		13.73	15.00
	U-NII-3	155	5775		13.85	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	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
		140	5700		11.71	13.50
		144	5720		12.60	13.50
	U-NII-3	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)	Tune up
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
		138	5690		13.70	15.00
	U-NII-3	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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		140	5700		11.85	11.17	14.53	16.00
		144	5720		11.94	12.22	15.09	16.00
	U-NII-3	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
		165	5825		15.52	15.70	18.62	19.00
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	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
		64	5320		12.65	12.79	15.73	16.50
	U-NII-2C	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	15.42	16.50
		132	5660		12.66	12.16	15.43	16.50
		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
	U-NII-3	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
		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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		110	5550		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
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	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
	U-NII-2A	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
		140	5700		12.36	11.59	15.00	16.50
		144	5720		12.46	12.16	15.32	16.50
	U-NII-3	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
		161	5805		14.14	14.64	17.41	18.00
		165	5825		14.12	14.33	17.24	18.00
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	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)
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)
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
		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	9.5
		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		15.72	17
		215	7025		15.01	17
	802.11ax HEW160	207	6985	MCS0	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	12.50
		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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	802.11ax HEW80	91	6405	MCS0	7.82	8
		7	5985		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		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	8



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	802.11ax HEW80	119	6545		6.59	8
	802.11ax HEW160	111	6505	MCS0	8.99	9.5
U-NII-7 6.7GHz	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 0mm								
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	10.50
		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	6.5
		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	9.5



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U-NII-8 7.0GHz	802.11ax HEW40	147	6685		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
	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
U-NII-8 7.0GHz	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		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	3.5
		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	3.5
		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	3.5
		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		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	14.00



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	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
U-NII-7 6.7GHz	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	10.50
		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	5.5
		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	5
		149	6695		3.62	5
		181	6855		3.80	5



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U-NII-8 7.0GHz	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
	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
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
	$\pi/4$ DQPSK	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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