

7 Conducted Power of WIFI and Bluetooth

7.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant 8 DSI 0					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.82	17.50
	2	2417		16.77	17.50
	6	2437		16.65	17.50
	10	2457		16.57	17.50
	11	2462		16.62	17.50
802.11g	1	2412	6	15.69	16.50
	6	2437		15.43	16.50
	11	2462		15.28	16.50
802.11n HT20	1	2412	6.5	15.59	16.50
	2	2417		15.51	16.50
	6	2437		15.39	16.50
	10	2457		15.23	16.50
	11	2462		13.12	14.50
802.11n HT40	3	2422	13.5	15.08	16.50
	4	2427		15.20	16.50
	6	2437		15.37	16.50
	8	2447		15.39	16.50
	9	2452		12.62	13.50
802.11ax HE20	1	2412	MCS0	15.87	16.50
	6	2437		15.55	16.50
	11	2462		13.46	14.50
802.11ax HE40	3	2422	MCS0	15.42	16.50
	6	2437		15.48	16.50
	9	2452		13.84	14.50

WIFI 2.4G Ant 8 DSI 1/2					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.82	18.50
	2	2417		20.71	21.50
	6	2437		20.74	21.50
	10	2457		20.62	21.50
	11	2462		17.57	18.50
802.11g	1	2412	6	17.70	18.50
	6	2437		19.38	20.50
	11	2462		14.23	15.50
802.11n HT20	1	2412	6.5	16.61	17.50
	2	2417		19.54	20.50
	6	2437		19.45	20.50
	10	2457		19.20	20.50
	11	2462		13.12	14.50
802.11n HT40	3	2422	13.5	15.08	16.50
	4	2427		17.19	18.50
	6	2437		17.28	18.50
	8	2447		17.66	18.50
	9	2452		12.62	13.50
802.11ax HE20	1	2412	MCS0	16.89	17.50
	6	2437		17.53	18.50
	11	2462		13.46	14.50
802.11ax HE40	3	2422	MCS0	15.42	16.50
	6	2437		16.49	17.50
	9	2452		13.84	14.50



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WIFI 2.4G Ant 8 DSI 3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	9.39	10.00
	2	2417		9.44	10.00
	6	2437		9.15	10.00
	10	2457		9.26	10.00
	11	2462		9.30	10.00
802.11g	1	2412	6	8.33	9.00
	6	2437		8.06	9.00
	11	2462		7.95	9.00
802.11n HT20	1	2412	6.5	8.24	9.00
	2	2417		8.29	9.00
	6	2437		8.08	9.00
	10	2457		8.01	9.00
	11	2462		7.82	9.00
802.11n HT40	3	2422	13.5	7.91	9.00
	4	2427		7.97	9.00
	6	2437		7.94	9.00
	8	2447		8.19	9.00
	9	2452		8.43	9.00
802.11ax HE20	1	2412	MCS0	8.24	9.00
	6	2437		8.20	9.00
	11	2462		8.12	9.00
802.11ax HE40	3	2422	MCS0	8.10	9.00
	6	2437		8.10	9.00
	9	2452		8.56	9.00

WIFI 2.4G Ant 8 DSI 4					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.24	12.50
	2	2417		12.32	12.50
	6	2437		12.10	12.50
	10	2457		12.17	12.50
	11	2462		12.21	12.50
802.11g	1	2412	6	11.23	11.50
	6	2437		10.94	11.50
	11	2462		10.79	11.50
802.11n HT20	1	2412	6.5	11.07	11.50
	2	2417		11.07	11.50
	6	2437		10.94	11.50
	10	2457		10.97	11.50
	11	2462		10.64	11.50
802.11n HT40	3	2422	13.5	10.73	11.50
	4	2427		10.73	11.50
	6	2437		10.81	11.50
	8	2447		10.92	11.50
	9	2452		11.13	11.50
802.11ax HE20	1	2412	MCS0	11.41	11.50
	6	2437		11.10	11.50
	11	2462		11.02	11.50
802.11ax HE40	3	2422	MCS0	10.88	11.50
	6	2437		10.99	11.50
	9	2452		11.31	11.50



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Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	10.25	10.50
	2	2417		10.27	10.50
	6	2437		10.14	10.50
	10	2457		10.16	10.50
	11	2462		10.18	10.50
802.11g	1	2412	6	9.24	9.50
	6	2437		8.99	9.50
	11	2462		8.81	9.50
802.11n HT20	1	2412	6.5	9.06	9.50
	2	2417		9.02	9.50
	6	2437		8.97	9.50
	10	2457		8.88	9.50
	11	2462		8.61	9.50
802.11n HT40	3	2422	13.5	8.75	9.50
	4	2427		8.78	9.50
	6	2437		8.86	9.50
	8	2447		8.84	9.50
	9	2452		9.17	9.50
802.11ax HE20	1	2412	MCS0	9.36	9.50
	6	2437		9.09	9.50
	11	2462		8.97	9.50
802.11ax HE40	3	2422	MCS0	8.85	9.50
	6	2437		9.03	9.50
	9	2452		9.31	9.50

WIFI 2.4G Ant 9 DSI 0					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.91	17.50
	2	2417		16.97	17.50
	6	2437		17.22	17.50
	10	2457		17.20	17.50
	11	2462		17.24	17.50
802.11g	1	2412	6	15.65	16.50
	6	2437		15.86	16.50
	11	2462		14.67	15.50
802.11n HT20	1	2412	6.5	15.62	16.50
	2	2417		15.65	16.50
	6	2437		15.72	16.50
	10	2457		15.58	16.50
	11	2462		13.51	14.50
802.11n HT40	3	2422	13.5	15.53	16.50
	4	2427		15.64	16.50
	6	2437		15.81	16.50
	8	2447		15.79	16.50
	9	2452		12.73	13.50
802.11ax HE20	1	2412	MCS0	15.97	16.50
	6	2437		15.94	16.50
	11	2462		13.88	14.50
802.11ax HE40	3	2422	MCS0	15.86	16.50
	6	2437		15.90	16.50
	9	2452		14.09	14.50



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Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.83	18.50
	2	2417		20.91	21.50
	6	2437		21.24	21.50
	10	2457		21.22	21.50
	11	2462		18.21	18.50
802.11g	1	2412	6	17.66	18.50
	6	2437		19.87	20.50
	11	2462		14.67	15.50
802.11n HT20	1	2412	6.5	16.68	17.50
	2	2417		19.62	20.50
	6	2437		19.72	20.50
	10	2457		19.59	20.50
	11	2462		13.51	14.50
802.11n HT40	3	2422	13.5	15.53	16.50
	4	2427		17.60	18.50
	6	2437		17.74	18.50
	8	2447		17.81	18.50
	9	2452		12.73	13.50
802.11ax HE20	1	2412	MCS0	17.01	17.50
	6	2437		17.98	18.50
	11	2462		13.88	14.50
802.11ax HE40	3	2422	MCS0	15.86	16.50
	6	2437		16.95	17.50
	9	2452		14.09	14.50

WIFI 2.4G Ant 9 DSI 3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	9.48	10.00
	2	2417		9.57	10.00
	6	2437		9.52	10.00
	10	2457		9.62	10.00
	11	2462		9.65	10.00
802.11g	1	2412	6	8.30	9.00
	6	2437		8.45	9.00
	11	2462		8.20	9.00
802.11n HT20	1	2412	6.5	8.21	9.00
	2	2417		8.13	9.00
	6	2437		8.30	9.00
	10	2457		8.24	9.00
	11	2462		8.20	9.00
802.11n HT40	3	2422	13.5	8.14	9.00
	4	2427		8.21	9.00
	6	2437		8.36	9.00
	8	2447		8.39	9.00
	9	2452		8.41	9.00
802.11ax HE20	1	2412	MCS0	8.62	9.00
	6	2437		8.57	9.00
	11	2462		8.51	9.00
802.11ax HE40	3	2422	MCS0	8.32	9.00
	6	2437		8.39	9.00
	9	2452		8.48	9.00



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WIFI 2.4G Ant 9 DSI 4					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.37	12.50
	2	2417		12.39	12.50
	6	2437		12.46	12.50
	10	2457		12.48	12.50
	11	2462		12.45	12.50
802.11g	1	2412	6	11.26	11.50
	6	2437		11.46	11.50
	11	2462		11.20	11.50
802.11n HT20	1	2412	6.5	11.24	11.50
	2	2417		11.27	11.50
	6	2437		11.30	11.50
	10	2457		11.34	11.50
	11	2462		11.16	11.50
802.11n HT40	3	2422	13.5	11.17	11.50
	4	2427		11.19	11.50
	6	2437		11.32	11.50
	8	2447		11.35	11.50
	9	2452		11.37	11.50
802.11ax HE20	1	2412	MCS0	11.37	11.50
	6	2437		11.35	11.50
	11	2462		11.33	11.50
802.11ax HE40	3	2422	MCS0	11.36	11.50
	6	2437		11.39	11.50
	9	2452		11.49	11.50

WIFI 2.4G Ant 9 DSI 5					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	10.35	10.50
	2	2417		10.38	10.50
	6	2437		10.48	10.50
	10	2457		10.46	10.50
	11	2462		10.32	10.50
802.11g	1	2412	6	9.23	9.50
	6	2437		9.45	9.50
	11	2462		9.15	9.50
802.11n HT20	1	2412	6.5	9.25	9.50
	2	2417		9.23	9.50
	6	2437		9.27	9.50
	10	2457		9.31	9.50
	11	2462		9.16	9.50
802.11n HT40	3	2422	13.5	9.12	9.50
	4	2427		9.15	9.50
	6	2437		9.32	9.50
	8	2447		9.37	9.50
	9	2452		9.36	9.50
802.11ax HE20	1	2412	MCS0	9.39	9.50
	6	2437		9.42	9.50
	11	2462		9.31	9.50
802.11ax HE40	3	2422	MCS0	9.35	9.50
	6	2437		9.34	9.50
	9	2452		9.47	9.50



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Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n HT20	1	2412	6.5	18.62	19.50
	2	2417		18.59	19.50
	6	2437		18.57	19.50
	10	2457		18.42	19.50
	11	2462		16.33	17.50
802.11n HT40	3	2422	13.5	18.32	19.50
	4	2427		18.44	19.50
	6	2437		18.61	19.50
	8	2447		18.60	19.50
	9	2452		15.69	16.50
802.11ax HE20	1	2412	MCS0	18.93	19.50
	6	2437		18.76	19.50
	11	2462		16.69	17.50
802.11ax HE40	3	2422	MCS0	18.66	19.50
	6	2437		18.71	19.50
	9	2452		16.98	17.50

WIFI 2.4G MIMO DSI 1/2					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n HT20	1	2412	6.5	19.66	20.50
	2	2417		22.59	23.50
	6	2437		22.60	23.50
	10	2457		22.41	23.50
	11	2462		16.33	17.50
802.11n HT40	3	2422	13.5	18.32	19.50
	4	2427		20.41	21.50
	6	2437		20.53	21.50
	8	2447		20.75	21.50
	9	2452		15.69	16.50
802.11ax HE20	1	2412	MCS0	19.96	20.50
	6	2437		20.77	21.50
	11	2462		16.69	17.50
802.11ax HE40	3	2422	MCS0	18.66	19.50
	6	2437		19.74	20.50
	9	2452		16.98	17.50

WIFI 2.4G MIMO DSI 3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n HT20	1	2412	6.5	11.24	12.00
	2	2417		11.22	12.00
	6	2437		11.20	12.00
	10	2457		11.14	12.00
	11	2462		11.02	12.00
802.11n HT40	3	2422	13.5	11.04	12.00
	4	2427		11.10	12.00
	6	2437		11.17	12.00
	8	2447		11.30	12.00
	9	2452		11.43	12.00
802.11ax HE20	1	2412	MCS0	11.44	12.00
	6	2437		11.40	12.00
	11	2462		11.33	12.00
802.11ax HE40	3	2422	MCS0	11.22	12.00
	6	2437		11.26	12.00
	9	2452		11.53	12.00



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WIFI 2.4G MIMO DSI 4					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n HT20	1	2412	6.5	14.17	14.50
	1	2412		14.18	14.50
	6	2437		14.13	14.50
	6	2437		14.17	14.50
	11	2462		13.92	14.50
802.11n HT40	3	2422	13.5	13.97	14.50
	3	2422		13.98	14.50
	6	2437		14.08	14.50
	6	2437		14.15	14.50
	9	2452		14.26	14.50
802.11ax HE20	1	2412	MCS0	14.40	14.50
	6	2437		14.24	14.50
	11	2462		14.19	14.50
802.11ax HE40	3	2422	MCS0	14.14	14.50
	6	2437		14.20	14.50
	9	2452		14.41	14.50

WIFI 2.4G MIMO DSI 5					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n HT20	1	2412	6.5	12.17	12.50
	1	2412		12.14	12.50
	6	2437		12.13	12.50
	6	2437		12.11	12.50
	11	2462		11.90	12.50
802.11n HT40	3	2422	13.5	11.95	12.50
	3	2422		11.98	12.50
	6	2437		12.11	12.50
	6	2437		12.12	12.50
	9	2452		12.28	12.50
802.11ax HE20	1	2412	MCS0	12.39	12.50
	6	2437		12.27	12.50
	11	2462		12.15	12.50
802.11ax HE40	3	2422	MCS0	12.12	12.50
	6	2437		12.20	12.50
	9	2452		12.40	12.50



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7.2 Conducted Power of 5G WIFI

WIFI 5G Ant 10 DSI 0					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	16.45	17.00
		40	5200	16.19	17.00
		44	5220	16.41	17.00
		48	5240	16.46	17.00
	802.11n HT20	36	5180	15.31	16.00
		40	5200	15.14	16.00
		44	5220	15.18	16.00
		48	5240	15.19	16.00
	802.11n HT40	38	5190	15.37	16.00
		46	5230	15.26	16.00
	802.11ac VHT20	36	5180	15.29	16.00
		40	5200	15.10	16.00
		44	5220	15.03	16.00
		48	5240	15.11	16.00
	802.11ac VHT40	38	5190	15.56	16.00
		46	5230	15.19	16.00
	802.11ac VHT80	42	5210	14.88	16.00
		42	5210	14.88	16.00
	802.11ax HE20	36	5180	15.45	16.00
		40	5200	15.34	16.00
		44	5220	15.35	16.00
		48	5240	15.28	16.00
	802.11ax HE40	38	5190	15.57	16.00
		46	5230	15.48	16.00
	802.11ax HE80	42	5210	14.98	16.00
		42	5210	14.98	16.00
5GHz U-NII-2A	802.11a	52	5260	16.68	17.00
		56	5280	16.46	17.00
		60	5300	16.53	17.00
		64	5320	16.51	17.00
	802.11n HT20	52	5260	15.50	16.00
		56	5280	15.49	16.00
		60	5300	15.30	16.00
		64	5320	15.32	16.00
	802.11n HT40	54	5270	15.60	16.00
		62	5310	15.43	16.00
	802.11ac VHT20	52	5260	15.45	16.00
		56	5280	15.51	16.00
		60	5300	15.45	16.00
		64	5320	15.36	16.00
	802.11ac VHT40	54	5270	15.62	16.00
		62	5310	15.41	16.00
	802.11ac VHT80	58	5290	15.21	16.00
		58	5290	15.21	16.00
	802.11ax HE20	52	5260	15.53	16.00
		56	5280	15.50	16.00
		60	5300	15.56	16.00
		64	5320	15.55	16.00
	802.11ax HE40	54	5270	15.64	16.00
		62	5310	15.55	16.00
	802.11ax HE80	58	5290	15.38	16.00
		58	5290	15.38	16.00
5GHz UNII-2C	802.11a	100	5500	16.47	17.00
		104	5520	16.46	17.00
		108	5540	16.60	17.00



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		112	5560	16.49	17.00
		116	5580	16.72	17.00
		120	5600	16.39	17.00
		124	5620	16.55	17.00
		128	5640	16.53	17.00
		132	5660	15.78	17.00
		136	5680	16.42	17.00
		140	5700	16.15	17.00
		144	5720	16.26	17.00
		100	5500	15.32	16.00
802.11n HT20		104	5520	15.22	16.00
		108	5540	15.34	16.00
		112	5560	15.39	16.00
		116	5580	15.53	16.00
		120	5600	15.33	16.00
		124	5620	15.36	16.00
		128	5640	15.42	16.00
		132	5660	14.86	16.00
		136	5680	15.19	16.00
		140	5700	15.10	16.00
802.11n HT40		144	5720	15.10	16.00
		102	5510	15.31	16.00
		110	5550	15.42	16.00
		118	5590	15.72	16.00
		126	5630	15.44	16.00
		134	5670	14.94	16.00
802.11ac VHT20		142	5710	15.26	16.00
		100	5500	15.14	16.00
		104	5520	15.33	16.00
		108	5540	15.33	16.00
		112	5560	15.40	16.00
		116	5580	15.70	16.00
		120	5600	15.29	16.00
		124	5620	15.37	16.00
		128	5640	15.41	16.00
		132	5660	14.76	16.00
802.11ac VHT40		136	5680	15.36	16.00
		140	5700	15.09	16.00
		144	5720	15.25	16.00
		102	5510	15.41	16.00
		110	5550	15.54	16.00
		118	5590	15.69	16.00
802.11ac VHT80		126	5630	15.34	16.00
		134	5670	14.77	16.00
		142	5710	15.37	16.00
		106	5530	15.17	16.00
		122	5610	15.30	16.00
802.11ax HE20		138	5690	15.06	16.00
		100	5500	15.38	16.00
		104	5520	15.56	16.00
		108	5540	15.61	16.00
		112	5560	15.52	16.00
		116	5580	15.50	16.00
		120	5600	15.40	16.00
		124	5620	15.62	16.00
		128	5640	15.63	16.00
		132	5660	15.00	16.00
802.11ax		136	5680	15.29	16.00
		140	5700	15.31	16.00
		144	5720	15.25	16.00



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	HE40	110	5550	15.66	16.00
		118	5590	15.78	16.00
		126	5630	15.81	16.00
		134	5670	15.03	16.00
		142	5710	15.50	16.00
	802.11ax HE80	106	5530	15.30	16.00
		122	5610	15.27	16.00
		138	5690	15.14	16.00
	802.11a	149	5745	16.31	17.00
		153	5765	15.88	17.00
		157	5785	15.51	17.00
		161	5805	15.49	17.00
		165	5825	15.16	17.00
	802.11n HT20	149	5745	15.09	16.00
		153	5765	14.74	16.00
		157	5785	14.29	16.00
		161	5805	14.49	16.00
	802.11n HT40	165	5825	14.13	16.00
		151	5755	14.76	16.00
		159	5795	14.44	16.00
	802.11ac VHT20	149	5745	15.21	16.00
		153	5765	14.81	16.00
		157	5785	14.44	16.00
		161	5805	14.45	16.00
		165	5825	14.14	16.00
	802.11ac VHT40	151	5755	14.91	16.00
		159	5795	14.37	16.00
	802.11ac VHT80	155	5775	14.51	16.00
		149	5745	15.26	16.00
	802.11ax HE20	153	5765	14.97	16.00
		157	5785	14.68	16.00
		161	5805	14.73	16.00
		165	5825	14.31	16.00
		151	5755	14.97	16.00
	802.11ax HE40	159	5795	14.86	16.00
		155	5775	14.65	16.00
	802.11ax HE80	155	5775	14.65	16.00
		155	5775	14.65	16.00

WIFI 5G Ant 10 DSI 1/2					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	19.49	20.00
		40	5200	19.21	20.00
		44	5220	19.34	20.00
		48	5240	19.42	20.00
	802.11n HT20	36	5180	18.37	19.00
		40	5200	18.12	19.00
		44	5220	18.14	19.00
		48	5240	18.17	19.00
	802.11n HT40	38	5190	17.45	18.00
		46	5230	17.22	18.00
	802.11ac VHT20	36	5180	18.31	19.00
		40	5200	18.14	19.00
		44	5220	18.11	19.00
		48	5240	18.20	19.00
	802.11ac VHT40	38	5190	17.48	18.00
		46	5230	17.27	18.00
	802.11ac VHT80	42	5210	14.87	16.00
		36	5180	15.47	16.00



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	HE20	40	5200	15.33	16.00
		44	5220	15.36	16.00
		48	5240	15.26	16.00
	802.11ax HE40	38	5190	15.64	16.00
	802.11ax HE80	46	5230	15.42	16.00
5GHz U-NII-2A	802.11a	52	5260	19.65	20.00
		56	5280	19.55	20.00
		60	5300	19.51	20.00
		64	5320	19.45	20.00
	802.11n HT20	52	5260	18.41	19.00
		56	5280	18.49	19.00
		60	5300	18.35	19.00
		64	5320	18.37	19.00
	802.11n HT40	54	5270	17.61	18.00
		62	5310	17.49	18.00
	802.11ac VHT20	52	5260	18.45	19.00
		56	5280	18.51	19.00
		60	5300	18.38	19.00
		64	5320	18.34	19.00
	802.11ac VHT40	54	5270	17.53	18.00
		62	5310	17.44	18.00
	802.11ac VHT80	58	5290	15.15	16.00
	802.11ax HE20	52	5260	15.61	16.00
		56	5280	15.57	16.00
		60	5300	15.59	16.00
		64	5320	15.46	16.00
	802.11ax HE40	54	5270	15.64	16.00
		62	5310	15.61	16.00
	802.11ax HE80	58	5290	15.31	16.00
5GHz UNII-2C	802.11a	100	5500	19.41	20.00
		104	5520	19.49	20.00
		108	5540	19.56	20.00
		112	5560	19.51	20.00
		116	5580	19.71	20.00
		120	5600	19.42	20.00
		124	5620	19.51	20.00
		128	5640	19.50	20.00
		132	5660	18.83	20.00
		136	5680	19.44	20.00
		140	5700	18.19	19.00
		144	5720	19.25	20.00
	802.11n HT20	100	5500	18.28	19.00
		104	5520	18.29	19.00
		108	5540	18.31	19.00
		112	5560	18.45	19.00
		116	5580	18.62	19.00
		120	5600	18.31	19.00
		124	5620	18.32	19.00
		128	5640	18.42	19.00
		132	5660	17.77	19.00
		136	5680	18.13	19.00
		140	5700	18.11	19.00
		144	5720	18.09	19.00
	802.11n HT40	102	5510	17.37	18.00
		110	5550	17.44	18.00
		118	5590	17.65	18.00
		126	5630	17.49	18.00



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	802.11ac VHT20	134	5670	16.86	18.00
		142	5710	17.21	18.00
		100	5500	18.23	19.00
		104	5520	18.25	19.00
		108	5540	18.37	19.00
		112	5560	18.33	19.00
		116	5580	18.61	19.00
		120	5600	18.34	19.00
		124	5620	18.44	19.00
		128	5640	18.41	19.00
	802.11ac VHT40	132	5660	17.70	19.00
		136	5680	18.28	19.00
		140	5700	17.14	18.00
		144	5720	18.19	19.00
		102	5510	17.38	18.00
		110	5550	17.45	18.00
		118	5590	17.68	18.00
		126	5630	17.43	18.00
		134	5670	16.77	18.00
		142	5710	17.31	18.00
	802.11ac VHT80	106	5530	15.01	16.00
		122	5610	15.11	16.00
		138	5690	14.88	16.00
		100	5500	15.43	16.00
		104	5520	15.52	16.00
		108	5540	15.56	16.00
		112	5560	15.54	16.00
		116	5580	15.58	16.00
		120	5600	15.44	16.00
		124	5620	15.53	16.00
	802.11ax HE20	128	5640	15.58	16.00
		132	5660	14.99	16.00
		136	5680	15.37	16.00
		140	5700	15.34	16.00
		144	5720	15.31	16.00
		102	5510	15.57	16.00
		110	5550	15.61	16.00
		118	5590	15.87	16.00
		126	5630	15.73	16.00
		134	5670	15.11	16.00
	802.11ax HE40	142	5710	15.47	16.00
		106	5530	15.22	16.00
		122	5610	15.26	16.00
		138	5690	15.06	16.00
	802.11ax HE80	149	5745	19.31	20.00
		153	5765	18.84	20.00
		157	5785	18.53	20.00
		161	5805	18.46	20.00
		165	5825	18.17	20.00
	802.11a	149	5745	18.11	19.00
		153	5765	17.71	19.00
		157	5785	17.36	19.00
		161	5805	17.44	19.00
		165	5825	17.04	19.00
	802.11n HT20	151	5755	16.83	18.00
		159	5795	16.44	18.00
		149	5745	18.12	19.00
		153	5765	17.76	19.00
		157	5785	17.42	19.00
		161	5805	17.46	19.00
		165	5825	17.13	19.00
	802.11n HT40	149	5745	18.12	19.00
		153	5765	17.76	19.00
		157	5785	17.42	19.00
		161	5805	17.46	19.00
		165	5825	17.13	19.00
	802.11ac VHT20	149	5745	18.12	19.00
		153	5765	17.76	19.00
		157	5785	17.42	19.00
		161	5805	17.46	19.00
		165	5825	17.13	19.00
	5GHz UNII-3	149	5745	18.11	19.00
		153	5765	17.71	19.00
		157	5785	17.36	19.00
		161	5805	17.44	19.00
		165	5825	17.04	19.00
		151	5755	16.83	18.00
		159	5795	16.44	18.00
		149	5745	18.12	19.00
		153	5765	17.76	19.00
		157	5785	17.42	19.00



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	802.11ac VHT40	151	5755	16.83	18.00
		159	5795	16.45	18.00
	802.11ac VHT80	155	5775	14.46	16.00
	802.11ax HE20	149	5745	15.33	16.00
		153	5765	14.89	16.00
		157	5785	14.63	16.00
		161	5805	14.66	16.00
		165	5825	14.25	16.00
	802.11ax HE40	151	5755	15.03	16.00
		159	5795	14.78	16.00
	802.11ax HE80	155	5775	14.72	16.00

WIFI 5G Ant 10 DSI 3					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	10.92	11.50
		40	5200	10.67	11.50
		44	5220	10.90	11.50
		48	5240	11.00	11.50
	802.11n HT20	36	5180	9.92	10.50
		40	5200	9.59	10.50
		44	5220	9.50	10.50
		48	5240	9.68	10.50
	802.11n HT40	38	5190	10.01	10.50
		46	5230	9.89	10.50
	802.11ac VHT20	36	5180	9.78	10.50
		40	5200	9.62	10.50
		44	5220	9.66	10.50
		48	5240	9.70	10.50
	802.11ac VHT40	38	5190	9.87	10.50
		46	5230	9.76	10.50
	802.11ac VHT80	42	5210	9.39	10.50
	802.11ax HE20	36	5180	9.92	10.50
		40	5200	9.83	10.50
		44	5220	9.70	10.50
		48	5240	9.71	10.50
	802.11ax HE40	38	5190	10.14	10.50
		46	5230	9.91	10.50
	802.11ax HE80	42	5210	9.53	10.50
5GHz U-NII-2A	802.11a	52	5260	11.01	11.50
		56	5280	11.07	11.50
		60	5300	11.00	11.50
		64	5320	10.97	11.50
	802.11n HT20	52	5260	9.92	10.50
		56	5280	10.05	10.50
		60	5300	9.89	10.50
		64	5320	9.79	10.50
	802.11n HT40	54	5270	10.27	10.50
		62	5310	9.94	10.50
	802.11ac VHT20	52	5260	9.90	10.50
		56	5280	10.06	10.50
		60	5300	9.80	10.50
		64	5320	9.81	10.50
	802.11ac VHT40	54	5270	10.13	10.50
		62	5310	9.93	10.50
	802.11ac VHT80	58	5290	9.70	10.50



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	802.11ax HE20	52	5260	9.99	10.50
		56	5280	10.06	10.50
		60	5300	9.99	10.50
		64	5320	9.84	10.50
	802.11ax HE40	54	5270	9.96	10.50
		62	5310	9.98	10.50
	802.11ax HE80	58	5290	9.81	10.50
5GHz UNII-2C	802.11a	100	5500	10.82	11.50
		104	5520	10.95	11.50
		108	5540	11.06	11.50
		112	5560	11.05	11.50
		116	5580	11.35	11.50
		120	5600	11.01	11.50
		124	5620	10.94	11.50
		128	5640	11.02	11.50
		132	5660	10.32	11.50
		136	5680	10.90	11.50
		140	5700	10.65	11.50
		144	5720	10.77	11.50
	802.11n HT20	100	5500	9.94	10.50
		104	5520	9.70	10.50
		108	5540	9.83	10.50
		112	5560	9.96	10.50
		116	5580	10.13	10.50
		120	5600	9.86	10.50
		124	5620	9.99	10.50
		128	5640	10.01	10.50
		132	5660	9.24	10.50
		136	5680	9.56	10.50
		140	5700	9.60	10.50
		144	5720	9.57	10.50
	802.11n HT40	102	5510	9.95	10.50
		110	5550	9.86	10.50
		118	5590	10.05	10.50
		126	5630	10.05	10.50
		134	5670	9.49	10.50
	802.11ac VHT20	142	5710	9.76	10.50
		100	5500	9.74	10.50
		104	5520	9.79	10.50
		108	5540	9.92	10.50
		112	5560	9.82	10.50
		116	5580	10.12	10.50
		120	5600	9.94	10.50
		124	5620	9.80	10.50
		128	5640	9.89	10.50
		132	5660	9.20	10.50
	802.11ac VHT40	136	5680	9.84	10.50
		140	5700	9.67	10.50
		144	5720	9.66	10.50
		102	5510	9.82	10.50
		110	5550	9.95	10.50
		118	5590	10.15	10.50
		126	5630	9.88	10.50
		134	5670	9.23	10.50
		142	5710	9.92	10.50
		106	5530	9.59	10.50
	802.11ac VHT80	122	5610	9.63	10.50
		138	5690	9.22	10.50
	802.11ax HE20	100	5500	9.79	10.50
		104	5520	10.14	10.50



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		108	5540	10.05	10.50
		112	5560	10.04	10.50
		116	5580	10.10	10.50
		120	5600	9.93	10.50
		124	5620	9.95	10.50
		128	5640	10.11	10.50
		132	5660	9.58	10.50
		136	5680	9.79	10.50
		140	5700	9.74	10.50
		144	5720	9.70	10.50
	802.11ax HE40	102	5510	9.95	10.50
		110	5550	10.11	10.50
		118	5590	10.48	10.50
		126	5630	10.08	10.50
		134	5670	9.54	10.50
	802.11ax HE80	142	5710	9.94	10.50
		106	5530	9.63	10.50
		122	5610	9.72	10.50
	5GHz UNII-3	138	5690	9.41	10.50
		149	5745	10.82	11.50
		153	5765	10.26	11.50
		157	5785	9.91	11.50
		161	5805	9.88	11.50
		165	5825	9.76	11.50
		149	5745	9.44	10.50
		153	5765	9.35	10.50
		157	5785	8.79	10.50
		161	5805	8.97	10.50
		165	5825	9.00	10.50
	802.11n HT20	151	5755	9.28	10.50
		159	5795	8.91	10.50
	802.11n HT40	149	5745	9.66	10.50
		153	5765	9.26	10.50
	802.11ac VHT20	157	5785	8.97	10.50
		161	5805	8.90	10.50
		165	5825	8.66	10.50
		151	5755	9.34	10.50
	802.11ac VHT40	159	5795	9.02	10.50
		155	5775	8.97	10.50
	802.11ac VHT80	149	5745	9.87	10.50
		153	5765	9.28	10.50
		157	5785	9.29	10.50
		161	5805	9.18	10.50
	802.11ax HE20	165	5825	8.71	10.50
		151	5755	9.54	10.50
		159	5795	9.20	10.50
	802.11ax HE40	155	5775	9.31	10.50
	802.11ax HE80				

WIFI 5G Ant 10 DSI 4					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	13.47	14.00
		40	5200	13.15	14.00
		44	5220	13.37	14.00
		48	5240	13.42	14.00
	802.11n HT20	36	5180	12.45	13.00
		40	5200	12.08	13.00
		44	5220	12.09	13.00
		48	5240	12.18	13.00



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	802.11n HT40	38	5190	12.50	13.00
		46	5230	12.31	13.00
	802.11ac VHT20	36	5180	12.28	13.00
		40	5200	12.21	13.00
		44	5220	12.17	13.00
		48	5240	12.16	13.00
	802.11ac VHT40	38	5190	12.44	13.00
		46	5230	12.33	13.00
	802.11ac VHT80	42	5210	11.83	13.00
	802.11ax HE20	36	5180	12.44	13.00
		40	5200	12.26	13.00
		44	5220	12.28	13.00
		48	5240	12.23	13.00
	802.11ax HE40	38	5190	12.61	13.00
46		5230	12.44	13.00	
802.11ax HE80	42	5210	12.11	13.00	
5GHz U-NII-2A	802.11a	52	5260	13.56	14.00
		56	5280	13.49	14.00
		60	5300	13.43	14.00
		64	5320	13.48	14.00
	802.11n HT20	52	5260	12.50	13.00
		56	5280	12.52	13.00
		60	5300	12.32	13.00
		64	5320	12.31	13.00
	802.11n HT40	54	5270	12.69	13.00
		62	5310	12.52	13.00
	802.11ac VHT20	52	5260	12.45	13.00
		56	5280	12.56	13.00
		60	5300	12.35	13.00
		64	5320	12.40	13.00
	802.11ac VHT40	54	5270	12.61	13.00
		62	5310	12.51	13.00
	802.11ac VHT80	58	5290	12.18	13.00
	802.11ax HE20	52	5260	12.53	13.00
		56	5280	12.48	13.00
		60	5300	12.55	13.00
		64	5320	12.40	13.00
	802.11ax HE40	54	5270	12.56	13.00
		62	5310	12.52	13.00
	802.11ax HE80	58	5290	12.33	13.00
5GHz UNII-2C	802.11a	100	5500	13.33	14.00
		104	5520	13.47	14.00
		108	5540	13.65	14.00
		112	5560	13.54	14.00
		116	5580	13.76	14.00
		120	5600	13.47	14.00
		124	5620	13.54	14.00
		128	5640	13.45	14.00
		132	5660	12.85	14.00
		136	5680	13.50	14.00
		140	5700	13.10	14.00
		144	5720	13.23	14.00
	802.11n HT20	100	5500	12.34	13.00
		104	5520	12.23	13.00
		108	5540	12.39	13.00
		112	5560	12.42	13.00
		116	5580	12.54	13.00



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		120	5600	12.27	13.00
		124	5620	12.41	13.00
		128	5640	12.41	13.00
		132	5660	11.82	13.00
		136	5680	12.15	13.00
		140	5700	12.18	13.00
		144	5720	12.10	13.00
	802.11n HT40	102	5510	12.40	13.00
		110	5550	12.44	13.00
		118	5590	12.59	13.00
		126	5630	12.57	13.00
		134	5670	11.90	13.00
		142	5710	12.30	13.00
	802.11ac VHT20	100	5500	12.28	13.00
		104	5520	12.26	13.00
		108	5540	12.36	13.00
		112	5560	12.26	13.00
		116	5580	12.68	13.00
		120	5600	12.36	13.00
		124	5620	12.35	13.00
		128	5640	12.47	13.00
		132	5660	11.63	13.00
		136	5680	12.31	13.00
		140	5700	12.14	13.00
		144	5720	12.23	13.00
	802.11ac VHT40	102	5510	12.41	13.00
		110	5550	12.46	13.00
		118	5590	12.74	13.00
		126	5630	12.48	13.00
		134	5670	11.74	13.00
		142	5710	12.37	13.00
	802.11ac VHT80	106	5530	12.04	13.00
		122	5610	12.19	13.00
		138	5690	11.80	13.00
	802.11ax HE20	100	5500	12.37	13.00
		104	5520	12.54	13.00
		108	5540	12.52	13.00
		112	5560	12.53	13.00
		116	5580	12.64	13.00
		120	5600	12.43	13.00
		124	5620	12.54	13.00
		128	5640	12.52	13.00
		132	5660	12.01	13.00
		136	5680	12.28	13.00
		140	5700	12.33	13.00
		144	5720	12.24	13.00
	802.11ax HE40	102	5510	12.53	13.00
		110	5550	12.56	13.00
		118	5590	12.94	13.00
		126	5630	12.68	13.00
		134	5670	12.09	13.00
		142	5710	12.43	13.00
	802.11ax HE80	106	5530	12.17	13.00
		122	5610	12.22	13.00
		138	5690	11.97	13.00
5GHz UNII-3	802.11a	149	5745	13.25	14.00
		153	5765	12.84	14.00
		157	5785	12.49	14.00
		161	5805	12.42	14.00
		165	5825	12.17	14.00
	802.11n	149	5745	12.04	13.00



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	HT20	153	5765	11.78	13.00
		157	5785	11.27	13.00
		161	5805	11.51	13.00
		165	5825	11.52	13.00
	802.11n HT40	151	5755	11.87	13.00
		159	5795	11.42	13.00
	802.11ac VHT20	149	5745	12.14	13.00
		153	5765	11.74	13.00
		157	5785	11.47	13.00
		161	5805	11.47	13.00
	802.11ac VHT40	151	5755	11.88	13.00
		159	5795	11.46	13.00
	802.11ac VHT80	155	5775	11.52	13.00
	802.11ax HE20	149	5745	12.31	13.00
		153	5765	11.86	13.00
		157	5785	11.71	13.00
		161	5805	11.75	13.00
	802.11ax HE40	165	5825	11.29	13.00
		151	5755	12.11	13.00
	802.11ax HE80	159	5795	11.73	13.00
		155	5775	11.78	13.00

WIFI 5G Ant 10 DSI 5					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	12.40	13.00
		40	5200	12.26	13.00
		44	5220	12.28	13.00
		48	5240	12.30	13.00
	802.11n HT20	36	5180	11.29	12.00
		40	5200	11.07	12.00
		44	5220	11.14	12.00
		48	5240	11.24	12.00
	802.11n HT40	38	5190	11.36	12.00
		46	5230	11.13	12.00
	802.11ac VHT20	36	5180	11.26	12.00
		40	5200	11.19	12.00
		44	5220	11.17	12.00
		48	5240	11.16	12.00
	802.11ac VHT40	38	5190	11.54	12.00
		46	5230	11.28	12.00
	802.11ac VHT80	42	5210	10.84	12.00
	802.11ax HE20	36	5180	11.53	12.00
		40	5200	11.34	12.00
		44	5220	11.32	12.00
		48	5240	11.29	12.00
	802.11ax HE40	38	5190	11.73	12.00
		46	5230	11.46	12.00
	802.11ax HE80	42	5210	11.07	12.00
5GHz U-NII-2A	802.11a	52	5260	12.74	13.00
		56	5280	12.64	13.00
		60	5300	12.49	13.00
		64	5320	12.43	13.00
	802.11n HT20	52	5260	11.46	12.00
		56	5280	11.44	12.00
		60	5300	11.27	12.00



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	802.11n HT40	64	5320	11.45	12.00
		54	5270	11.60	12.00
		62	5310	11.40	12.00
	802.11ac VHT20	52	5260	11.53	12.00
		56	5280	11.47	12.00
		60	5300	11.40	12.00
	802.11ac VHT40	64	5320	11.29	12.00
		54	5270	11.58	12.00
		62	5310	11.50	12.00
	802.11ac VHT80	58	5290	11.20	12.00
		52	5260	11.52	12.00
		56	5280	11.58	12.00
	802.11ax HE20	60	5300	11.63	12.00
		64	5320	11.43	12.00
		54	5270	11.67	12.00
	802.11ax HE40	62	5310	11.60	12.00
		58	5290	11.36	12.00
5GHz UNII-2C	802.11a	100	5500	12.49	13.00
		104	5520	12.40	13.00
		108	5540	12.55	13.00
		112	5560	12.47	13.00
		116	5580	12.73	13.00
		120	5600	12.34	13.00
		124	5620	12.60	13.00
		128	5640	12.50	13.00
		132	5660	11.76	13.00
		136	5680	12.50	13.00
		140	5700	12.21	13.00
		144	5720	12.20	13.00
	802.11n HT20	100	5500	11.36	12.00
		104	5520	11.37	12.00
		108	5540	11.32	12.00
		112	5560	11.37	12.00
		116	5580	11.67	12.00
		120	5600	11.34	12.00
		124	5620	11.26	12.00
		128	5640	11.50	12.00
		132	5660	10.76	12.00
		136	5680	11.19	12.00
		140	5700	11.09	12.00
		144	5720	11.11	12.00
	802.11n HT40	102	5510	11.29	12.00
		110	5550	11.47	12.00
		118	5590	11.61	12.00
		126	5630	11.56	12.00
		134	5670	10.88	12.00
		142	5710	11.29	12.00
	802.11ac VHT20	100	5500	11.22	12.00
		104	5520	11.16	12.00
		108	5540	11.35	12.00
		112	5560	11.33	12.00
		116	5580	11.52	12.00
		120	5600	11.38	12.00
		124	5620	11.52	12.00
		128	5640	11.36	12.00
		132	5660	10.75	12.00
		136	5680	11.22	12.00
		140	5700	11.05	12.00
		144	5720	11.11	12.00



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	802.11ac VHT40	102	5510	11.47	12.00
		110	5550	11.40	12.00
		118	5590	11.62	12.00
		126	5630	11.48	12.00
		134	5670	10.75	12.00
		142	5710	11.26	12.00
	802.11ac VHT80	106	5530	11.06	12.00
		122	5610	11.04	12.00
		138	5690	10.94	12.00
	802.11ax HE20	100	5500	11.38	12.00
		104	5520	11.52	12.00
		108	5540	11.47	12.00
		112	5560	11.62	12.00
		116	5580	11.49	12.00
		120	5600	11.53	12.00
		124	5620	11.45	12.00
		128	5640	11.53	12.00
		132	5660	11.04	12.00
		136	5680	11.46	12.00
	802.11ax HE40	140	5700	11.31	12.00
		144	5720	11.39	12.00
		102	5510	11.55	12.00
		110	5550	11.69	12.00
		118	5590	11.84	12.00
		126	5630	11.71	12.00
	802.11ax HE80	134	5670	11.18	12.00
		142	5710	11.55	12.00
		106	5530	11.13	12.00
5GHz UNII-3	802.11a	122	5610	11.33	12.00
		138	5690	10.98	12.00
		149	5745	12.40	13.00
		153	5765	11.92	13.00
		157	5785	11.60	13.00
	802.11n HT20	161	5805	11.45	13.00
		165	5825	11.22	13.00
		149	5745	11.08	12.00
		153	5765	10.72	12.00
		157	5785	10.40	12.00
	802.11n HT40	161	5805	10.35	12.00
		165	5825	9.97	12.00
		151	5755	10.82	12.00
	802.11ac VHT20	159	5795	10.38	12.00
		149	5745	11.21	12.00
		153	5765	10.69	12.00
		157	5785	10.38	12.00
		161	5805	10.45	12.00
	802.11ac VHT40	165	5825	10.07	12.00
		151	5755	10.85	12.00
		159	5795	10.39	12.00
	802.11ac VHT80	155	5775	10.50	12.00
		149	5745	11.31	12.00
	802.11ax HE20	153	5765	10.82	12.00
		157	5785	10.65	12.00
		161	5805	10.67	12.00
		165	5825	10.23	12.00
	802.11ax HE40	151	5755	11.04	12.00
159		5795	10.69	12.00	
802.11ax HE80	155	5775	10.77	12.00	



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5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	15.49	17.00
		40	5200	15.31	17.00
		44	5220	15.40	17.00
		48	5240	15.58	17.00
	802.11n HT20	36	5180	14.55	16.00
		40	5200	14.21	16.00
		44	5220	14.38	16.00
		48	5240	14.41	16.00
	802.11n HT40	38	5190	14.50	16.00
		46	5230	14.36	16.00
	802.11ac VHT20	36	5180	14.54	16.00
		40	5200	14.42	16.00
		44	5220	14.39	16.00
		48	5240	14.44	16.00
	802.11ac VHT40	38	5190	14.49	16.00
		46	5230	14.54	16.00
	802.11ac VHT80	42	5210	14.05	16.00
	802.11ax HE20	36	5180	14.30	16.00
		40	5200	14.21	16.00
		44	5220	14.51	16.00
		48	5240	14.43	16.00
	802.11ax HE40	38	5190	14.37	16.00
		46	5230	14.65	16.00
	802.11ax HE80	42	5210	14.12	16.00
5GHz U-NII-2A	802.11a	52	5260	16.58	17.00
		56	5280	16.48	17.00
		60	5300	16.46	17.00
		64	5320	16.33	17.00
	802.11n HT20	52	5260	15.47	16.00
		56	5280	15.44	16.00
		60	5300	15.49	16.00
		64	5320	15.23	16.00
	802.11n HT40	54	5270	15.47	16.00
		62	5310	15.32	16.00
	802.11ac VHT20	52	5260	15.39	16.00
		56	5280	15.42	16.00
		60	5300	15.30	16.00
		64	5320	15.40	16.00
	802.11ac VHT40	54	5270	15.90	16.00
		62	5310	15.50	16.00
	802.11ac VHT80	58	5290	14.88	16.00
	802.11ax HE20	52	5260	15.47	16.00
		56	5280	15.43	16.00
		60	5300	15.46	16.00
		64	5320	15.27	16.00
	802.11ax HE40	54	5270	15.65	16.00
		62	5310	15.37	16.00
	802.11ax HE80	58	5290	15.04	16.00
5GHz UNII-2C	802.11a	100	5500	15.70	17.00
		104	5520	15.82	17.00
		108	5540	15.96	17.00
		112	5560	16.08	17.00
		116	5580	16.05	17.00



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		120	5600	16.70	17.00
		124	5620	16.67	17.00
		128	5640	16.74	17.00
		132	5660	16.12	17.00
		136	5680	16.48	17.00
		140	5700	16.36	17.00
		144	5720	16.42	17.00
		100	5500	14.75	16.00
802.11n HT20		104	5520	14.88	16.00
		108	5540	15.03	16.00
		112	5560	15.09	16.00
		116	5580	15.08	16.00
		120	5600	15.71	16.00
		124	5620	15.70	16.00
		128	5640	15.62	16.00
		132	5660	14.98	16.00
		136	5680	15.49	16.00
		140	5700	15.45	16.00
		144	5720	15.30	16.00
		102	5510	14.50	16.00
802.11n HT40		110	5550	15.10	16.00
		118	5590	14.87	16.00
		126	5630	15.57	16.00
		134	5670	15.06	16.00
		142	5710	15.33	16.00
802.11ac VHT20		100	5500	14.63	16.00
		104	5520	14.84	16.00
		108	5540	14.94	16.00
		112	5560	15.19	16.00
		116	5580	15.02	16.00
		120	5600	15.68	16.00
		124	5620	15.72	16.00
		128	5640	15.67	16.00
		132	5660	15.05	16.00
		136	5680	15.39	16.00
		140	5700	15.42	16.00
		144	5720	15.46	16.00
802.11ac VHT40		102	5510	14.63	16.00
		110	5550	15.21	16.00
		118	5590	14.97	16.00
		126	5630	15.53	16.00
		134	5670	15.15	16.00
		142	5710	15.46	16.00
802.11ac VHT80		106	5530	14.51	16.00
		122	5610	15.18	16.00
		138	5690	14.95	16.00
802.11ax HE20		100	5500	14.72	16.00
		104	5520	14.89	16.00
		108	5540	15.17	16.00
		112	5560	15.24	16.00
		116	5580	15.02	16.00
		120	5600	15.96	16.00
		124	5620	15.77	16.00
		128	5640	15.79	16.00
		132	5660	15.05	16.00
		136	5680	15.41	16.00
		140	5700	15.52	16.00
		144	5720	15.53	16.00
802.11ax HE40		102	5510	14.78	16.00
		110	5550	15.19	16.00
		118	5590	15.17	16.00



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		126	5630	15.92	16.00
		134	5670	15.25	16.00
802.11ax HE80		142	5710	15.47	16.00
		106	5530	14.82	16.00
		122	5610	15.26	16.00
		138	5690	15.11	16.00
		149	5745	15.64	17.00
5GHz UNII-3	802.11a	153	5765	15.91	17.00
		157	5785	15.50	17.00
		161	5805	15.36	17.00
		165	5825	15.48	17.00
		149	5745	14.73	16.00
	802.11n HT20	153	5765	14.84	16.00
		157	5785	14.40	16.00
		161	5805	14.28	16.00
		165	5825	14.47	16.00
	802.11n HT40	151	5755	14.69	16.00
		159	5795	14.29	16.00
	802.11ac VHT20	149	5745	14.68	16.00
		153	5765	14.66	16.00
		157	5785	14.24	16.00
		161	5805	14.23	16.00
	802.11ac VHT40	165	5825	14.37	16.00
		151	5755	14.85	16.00
		159	5795	14.24	16.00
		155	5775	14.19	16.00
	802.11ac VHT80	149	5745	14.69	16.00
		153	5765	14.87	16.00
		157	5785	14.48	16.00
		161	5805	14.43	16.00
	802.11ax HE20	165	5825	14.56	16.00
		151	5755	14.78	16.00
		159	5795	14.47	16.00
		155	5775	14.35	16.00

WIFI 5G Ant 12 DSI 1/2					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	18.47	20.00
		40	5200	18.23	20.00
		44	5220	18.43	20.00
		48	5240	18.61	20.00
	802.11n HT20	36	5180	17.46	19.00
		40	5200	17.21	19.00
		44	5220	17.44	19.00
		48	5240	17.49	19.00
	802.11n HT40	38	5190	16.41	18.00
		46	5230	16.42	18.00
	802.11ac VHT20	36	5180	17.47	19.00
		40	5200	17.34	19.00
		44	5220	17.46	19.00
		48	5240	17.51	19.00
	802.11ac VHT40	38	5190	16.41	18.00
		46	5230	16.51	18.00
	802.11ac VHT80	42	5210	14.00	16.00
		36	5180	14.30	16.00
	802.11ax HE20	40	5200	14.16	16.00
		44	5220	14.47	16.00



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		48	5240	14.42	16.00
	802.11ax HE40	38	5190	14.44	16.00
		46	5230	14.60	16.00
	802.11ax HE80	42	5210	14.05	16.00
5GHz U-NII-2A	802.11a	52	5260	19.56	20.00
		56	5280	19.45	20.00
		60	5300	19.51	20.00
		64	5320	19.36	20.00
	802.11n HT20	52	5260	18.50	19.00
		56	5280	18.45	19.00
		60	5300	18.41	19.00
		64	5320	18.22	19.00
	802.11n HT40	54	5270	17.52	18.00
		62	5310	17.27	18.00
	802.11ac VHT20	52	5260	18.44	19.00
		56	5280	18.39	19.00
		60	5300	18.34	19.00
		64	5320	18.33	19.00
	802.11ac VHT40	54	5270	17.96	18.00
		62	5310	17.42	18.00
	802.11ac VHT80	58	5290	14.94	16.00
	802.11ax HE20	52	5260	15.43	16.00
		56	5280	15.47	16.00
		60	5300	15.51	16.00
		64	5320	15.32	16.00
	802.11ax HE40	54	5270	15.57	16.00
		62	5310	15.42	16.00
	802.11ax HE80	58	5290	15.01	16.00
5GHz UNII-2C	802.11a	100	5500	18.71	20.00
		104	5520	18.88	20.00
		108	5540	19.05	20.00
		112	5560	19.11	20.00
		116	5580	18.96	20.00
		120	5600	19.84	20.00
		124	5620	19.73	20.00
		128	5640	19.87	20.00
		132	5660	19.07	20.00
		136	5680	19.40	20.00
		140	5700	18.38	19.00
		144	5720	19.51	20.00
	802.11n HT20	100	5500	17.66	19.00
		104	5520	17.92	19.00
		108	5540	18.04	19.00
		112	5560	18.14	19.00
		116	5580	17.99	19.00
		120	5600	18.71	19.00
		124	5620	18.73	19.00
		128	5640	18.61	19.00
		132	5660	18.01	19.00
		136	5680	18.43	19.00
		140	5700	18.36	19.00
		144	5720	18.39	19.00
	802.11n HT40	102	5510	16.56	18.00
		110	5550	17.03	18.00
		118	5590	16.93	18.00
		126	5630	17.62	18.00
		134	5670	17.07	18.00
		142	5710	17.42	18.00



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	802.11ac VHT20	100	5500	17.64	19.00
		104	5520	17.88	19.00
		108	5540	18.01	19.00
		112	5560	18.12	19.00
		116	5580	17.99	19.00
		120	5600	18.74	19.00
		124	5620	18.74	19.00
		128	5640	18.63	19.00
		132	5660	18.05	19.00
		136	5680	18.41	19.00
		140	5700	17.43	18.00
		144	5720	18.39	19.00
	802.11ac VHT40	102	5510	16.61	18.00
		110	5550	17.12	18.00
		118	5590	16.94	18.00
		126	5630	17.57	18.00
		134	5670	17.07	18.00
		142	5710	17.41	18.00
	802.11ac VHT80	106	5530	14.42	16.00
		122	5610	15.12	16.00
		138	5690	14.92	16.00
	802.11ax HE20	100	5500	14.66	16.00
		104	5520	14.97	16.00
		108	5540	15.11	16.00
		112	5560	15.16	16.00
		116	5580	15.04	16.00
		120	5600	15.92	16.00
		124	5620	15.84	16.00
		128	5640	15.72	16.00
		132	5660	15.13	16.00
		136	5680	15.46	16.00
		140	5700	15.51	16.00
		144	5720	15.52	16.00
	802.11ax HE40	102	5510	14.77	16.00
		110	5550	15.23	16.00
		118	5590	15.14	16.00
		126	5630	15.86	16.00
		134	5670	15.21	16.00
		142	5710	15.54	16.00
	802.11ax HE80	106	5530	14.73	16.00
		122	5610	15.31	16.00
		138	5690	15.14	16.00
5GHz UNII-3	802.11a	149	5745	18.67	20.00
		153	5765	18.88	20.00
		157	5785	18.44	20.00
		161	5805	18.39	20.00
		165	5825	18.49	20.00
	802.11n HT20	149	5745	17.67	19.00
		153	5765	17.77	19.00
		157	5785	17.38	19.00
		161	5805	17.31	19.00
		165	5825	17.49	19.00
	802.11n HT40	151	5755	16.72	18.00
		159	5795	16.25	18.00
	802.11ac VHT20	149	5745	17.61	19.00
		153	5765	17.71	19.00
		157	5785	17.30	19.00
		161	5805	17.32	19.00
		165	5825	17.42	19.00
	802.11ac VHT40	151	5755	16.77	18.00
		159	5795	16.27	18.00



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	802.11ac VHT80	155	5775	14.18	16.00
	802.11ax HE20	149	5745	14.62	16.00
		153	5765	14.88	16.00
		157	5785	14.42	16.00
		161	5805	14.37	16.00
		165	5825	14.48	16.00
	802.11ax HE40	151	5755	14.87	16.00
		159	5795	14.41	16.00
	802.11ax HE80	155	5775	14.39	16.00

WIFI 5G Ant 12 DSI 3					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	9.87	11.50
		40	5200	9.72	11.50
		44	5220	10.08	11.50
		48	5240	10.07	11.50
	802.11n HT20	36	5180	8.91	10.50
		40	5200	8.75	10.50
		44	5220	8.95	10.50
		48	5240	8.90	10.50
	802.11n HT40	38	5190	8.90	10.50
		46	5230	8.94	10.50
	802.11ac VHT20	36	5180	8.90	10.50
		40	5200	8.74	10.50
		44	5220	8.88	10.50
		48	5240	9.06	10.50
	802.11ac VHT40	38	5190	8.78	10.50
		46	5230	9.02	10.50
	802.11ac VHT80	42	5210	8.53	10.50
	802.11ax HE20	36	5180	8.64	10.50
		40	5200	8.65	10.50
		44	5220	8.96	10.50
		48	5240	8.79	10.50
	802.11ax HE40	38	5190	8.95	10.50
		46	5230	8.95	10.50
	802.11ax HE80	42	5210	8.54	10.50
5GHz U-NII-2A	802.11a	52	5260	11.06	11.50
		56	5280	10.90	11.50
		60	5300	10.85	11.50
		64	5320	10.98	11.50
	802.11n HT20	52	5260	10.00	10.50
		56	5280	9.84	10.50
		60	5300	9.84	10.50
		64	5320	9.69	10.50
	802.11n HT40	54	5270	10.06	10.50
		62	5310	9.74	10.50
	802.11ac VHT20	52	5260	10.01	10.50
		56	5280	10.02	10.50
		60	5300	9.92	10.50
		64	5320	9.90	10.50
	802.11ac VHT40	54	5270	9.99	10.50
		62	5310	9.93	10.50
	802.11ac VHT80	58	5290	9.47	10.50
	802.11ax HE20	52	5260	9.97	10.50
		56	5280	9.83	10.50



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5GHz UNII-2C	802.11ax HE40	60	5300	9.84	10.50
		64	5320	9.81	10.50
		54	5270	10.20	10.50
		62	5310	9.94	10.50
	802.11ax HE80	58	5290	9.63	10.50
		100	5500	10.20	11.50
		104	5520	10.46	11.50
		108	5540	10.59	11.50
	802.11a	112	5560	10.47	11.50
		116	5580	10.47	11.50
		120	5600	11.35	11.50
		124	5620	11.22	11.50
		128	5640	11.39	11.50
		132	5660	10.54	11.50
		136	5680	10.78	11.50
		140	5700	10.90	11.50
		144	5720	10.94	11.50
	802.11n HT20	100	5500	9.08	10.50
		104	5520	9.30	10.50
		108	5540	9.66	10.50
		112	5560	9.64	10.50
		116	5580	9.50	10.50
		120	5600	10.20	10.50
		124	5620	10.17	10.50
		128	5640	10.13	10.50
		132	5660	9.61	10.50
		136	5680	9.94	10.50
		140	5700	9.92	10.50
5GHz UNII-2C	802.11n HT40	102	5510	9.23	10.50
		110	5550	9.44	10.50
		118	5590	9.51	10.50
		126	5630	9.99	10.50
		134	5670	9.61	10.50
		142	5710	9.92	10.50
	802.11ac VHT20	100	5500	9.20	10.50
		104	5520	9.26	10.50
		108	5540	9.63	10.50
		112	5560	9.73	10.50
		116	5580	9.51	10.50
		120	5600	10.34	10.50
		124	5620	10.28	10.50
		128	5640	9.99	10.50
		132	5660	9.63	10.50
		136	5680	9.84	10.50
	802.11ac VHT40	140	5700	9.91	10.50
		144	5720	10.01	10.50
		102	5510	9.10	10.50
		110	5550	9.68	10.50
		118	5590	9.32	10.50
5GHz UNII-2C	802.11ac VHT80	126	5630	10.02	10.50
		134	5670	9.53	10.50
		142	5710	9.97	10.50
		106	5530	8.83	10.50
		122	5610	9.71	10.50
	802.11ax HE20	138	5690	9.48	10.50
		100	5500	9.10	10.50
		104	5520	9.32	10.50
		108	5540	9.68	10.50
		112	5560	9.65	10.50



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		116	5580	9.55	10.50
		120	5600	10.39	10.50
		124	5620	10.50	10.50
		128	5640	10.16	10.50
		132	5660	9.52	10.50
		136	5680	10.09	10.50
		140	5700	10.13	10.50
		144	5720	9.86	10.50
		102	5510	9.15	10.50
		110	5550	9.76	10.50
	802.11ax HE40	118	5590	9.63	10.50
		126	5630	10.49	10.50
		134	5670	9.67	10.50
		142	5710	10.01	10.50
	802.11ax HE80	106	5530	9.24	10.50
		122	5610	9.85	10.50
		138	5690	9.77	10.50
5GHz UNII-3	802.11a	149	5745	10.15	11.50
		153	5765	10.46	11.50
		157	5785	9.91	11.50
		161	5805	9.94	11.50
		165	5825	9.98	11.50
	802.11n HT20	149	5745	9.07	10.50
		153	5765	9.25	10.50
		157	5785	8.74	10.50
		161	5805	8.87	10.50
		165	5825	9.05	10.50
	802.11n HT40	151	5755	9.21	10.50
		159	5795	8.72	10.50
	802.11ac VHT20	149	5745	9.06	10.50
		153	5765	9.27	10.50
		157	5785	8.83	10.50
		161	5805	8.87	10.50
		165	5825	8.78	10.50
	802.11ac VHT40	151	5755	9.29	10.50
		159	5795	8.82	10.50
	802.11ac VHT80	155	5775	8.77	10.50
		149	5745	9.24	10.50
	802.11ax HE20	153	5765	9.42	10.50
		157	5785	8.88	10.50
		161	5805	8.80	10.50
		165	5825	8.94	10.50
		151	5755	9.30	10.50
	802.11ax HE40	159	5795	8.79	10.50
		155	5775	8.97	10.50
	802.11ax HE80	155	5775	8.97	10.50

WIFI 5G Ant 12 DSI 4					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	12.40	14.00
		40	5200	12.17	14.00
		44	5220	12.52	14.00
		48	5240	12.57	13.00
	802.11n HT20	36	5180	11.43	13.00
		40	5200	11.25	13.00
		44	5220	11.35	13.00
		48	5240	11.50	13.00
	802.11n HT40	38	5190	11.33	13.00
		46	5230	11.40	13.00



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	802.11ac VHT20	36	5180	11.46	13.00
		40	5200	11.28	13.00
		44	5220	11.42	13.00
		48	5240	11.60	13.00
	802.11ac VHT40	38	5190	11.37	13.00
		46	5230	11.43	13.00
	802.11ac VHT80	42	5210	11.05	13.00
		36	5180	11.22	13.00
	802.11ax HE20	40	5200	11.07	13.00
		44	5220	11.53	13.00
		48	5240	11.34	13.00
		38	5190	11.37	13.00
5GHz U-NII-2A	802.11a	46	5230	11.54	13.00
		42	5210	11.02	13.00
		52	5260	13.56	14.00
		56	5280	13.36	14.00
	802.11n HT20	60	5300	13.45	14.00
		64	5320	13.40	14.00
		52	5260	12.44	13.00
		56	5280	12.42	13.00
	802.11n HT40	60	5300	12.39	13.00
		64	5320	12.25	13.00
		54	5270	12.59	13.00
		62	5310	12.18	13.00
	802.11ac VHT20	52	5260	12.43	13.00
		56	5280	12.47	13.00
		60	5300	12.33	13.00
		64	5320	12.32	13.00
	802.11ac VHT40	54	5270	12.39	13.00
		62	5310	12.43	13.00
	802.11ac VHT80	58	5290	11.93	13.00
		52	5260	12.52	13.00
	802.11ax HE20	56	5280	12.40	13.00
		60	5300	12.42	13.00
		64	5320	12.37	13.00
		54	5270	12.62	13.00
5GHz UNII-2C	802.11a	62	5310	12.36	13.00
		58	5290	12.07	13.00
		100	5500	12.63	14.00
		104	5520	12.91	14.00
	802.11a	108	5540	13.11	14.00
		112	5560	13.04	14.00
		116	5580	12.92	14.00
		120	5600	13.90	14.00
		124	5620	13.76	14.00
		128	5640	13.95	14.00
		132	5660	13.06	14.00
		136	5680	13.34	14.00
		140	5700	13.45	14.00
		144	5720	13.54	14.00
		100	5500	11.63	13.00
		104	5520	11.83	13.00
	802.11n HT20	108	5540	12.11	13.00
		112	5560	12.21	13.00
		116	5580	12.05	13.00
		120	5600	12.77	13.00
		124	5620	12.68	13.00



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		128	5640	12.59	13.00
		132	5660	12.10	13.00
		136	5680	12.38	13.00
		140	5700	12.37	13.00
		144	5720	12.36	13.00
	802.11n HT40	102	5510	11.64	13.00
		110	5550	11.95	13.00
		118	5590	12.02	13.00
		126	5630	12.53	13.00
		134	5670	12.06	13.00
		142	5710	12.34	13.00
	802.11ac VHT20	100	5500	11.61	13.00
		104	5520	11.81	13.00
		108	5540	12.09	13.00
		112	5560	12.14	13.00
		116	5580	12.02	13.00
		120	5600	12.76	13.00
		124	5620	12.76	13.00
		128	5640	12.58	13.00
		132	5660	12.09	13.00
		136	5680	12.42	13.00
		140	5700	12.35	13.00
		144	5720	12.48	13.00
	802.11ac VHT40	102	5510	11.70	13.00
		110	5550	12.09	13.00
		118	5590	11.91	13.00
		126	5630	12.49	13.00
		134	5670	12.09	13.00
	802.11ac VHT80	142	5710	12.47	13.00
		106	5530	11.36	13.00
		122	5610	12.15	13.00
	802.11ax HE20	138	5690	11.97	13.00
		100	5500	11.59	13.00
		104	5520	11.89	13.00
		108	5540	12.12	13.00
		112	5560	12.19	13.00
		116	5580	12.10	13.00
		120	5600	12.86	13.00
		124	5620	12.91	13.00
		128	5640	12.74	13.00
		132	5660	12.04	13.00
	802.11ax HE40	136	5680	12.55	13.00
		140	5700	12.59	13.00
		144	5720	12.44	13.00
		102	5510	11.73	13.00
		110	5550	12.24	13.00
	802.11ax HE80	118	5590	12.13	13.00
		126	5630	12.92	13.00
		134	5670	12.16	13.00
		142	5710	12.54	13.00
		106	5530	11.72	13.00
5GHz UNII-3	802.11a	122	5610	12.25	13.00
		138	5690	12.19	13.00
		149	5745	12.65	14.00
		153	5765	12.86	14.00
		157	5785	12.50	14.00
	802.11n HT20	161	5805	12.39	14.00
		165	5825	12.56	14.00
		149	5745	11.66	13.00
		153	5765	11.85	13.00
		157	5785	11.34	13.00



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	802.11n HT40	161	5805	11.35	13.00
		165	5825	11.48	13.00
		151	5755	11.74	13.00
		159	5795	11.29	13.00
	802.11ac VHT20	149	5745	11.53	13.00
		153	5765	11.69	13.00
		157	5785	11.35	13.00
		161	5805	11.28	13.00
	802.11ac VHT40	165	5825	11.38	13.00
		151	5755	11.73	13.00
		159	5795	11.35	13.00
	802.11ac VHT80	155	5775	11.17	13.00
	802.11ax HE20	149	5745	11.66	13.00
		153	5765	11.85	13.00
		157	5785	11.45	13.00
		161	5805	11.38	13.00
	802.11ax HE40	165	5825	11.48	13.00
		151	5755	11.84	13.00
	802.11ax HE80	159	5795	11.34	13.00
		155	5775	11.39	13.00

WIFI 5G Ant 12 DSI 5					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	11.38	13.00
		40	5200	11.15	13.00
		44	5220	11.48	13.00
		48	5240	11.67	13.00
	802.11n HT20	36	5180	10.38	12.00
		40	5200	10.28	12.00
		44	5220	10.53	12.00
		48	5240	10.45	12.00
	802.11n HT40	38	5190	10.50	12.00
		46	5230	10.45	12.00
	802.11ac VHT20	36	5180	10.51	12.00
		40	5200	10.28	12.00
		44	5220	10.44	12.00
		48	5240	10.59	12.00
	802.11ac VHT40	38	5190	10.33	12.00
		46	5230	10.50	12.00
	802.11ac VHT80	42	5210	10.03	12.00
	802.11ax HE20	36	5180	10.37	12.00
		40	5200	10.09	12.00
		44	5220	10.47	12.00
		48	5240	10.49	12.00
	802.11ax HE40	38	5190	10.46	12.00
		46	5230	10.69	12.00
	802.11ax HE80	42	5210	10.05	12.00
5GHz U-NII-2A	802.11a	52	5260	12.58	13.00
		56	5280	12.38	13.00
		60	5300	12.42	13.00
		64	5320	12.30	13.00
	802.11n HT20	52	5260	11.59	12.00
		56	5280	11.40	12.00
		60	5300	11.42	12.00
		64	5320	11.14	12.00
	802.11n				
		54	5270	11.59	12.00



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	HT40	62	5310	11.25	12.00
	802.11ac VHT20	52	5260	11.52	12.00
		56	5280	11.30	12.00
		60	5300	11.30	12.00
		64	5320	11.27	12.00
	802.11ac VHT40	54	5270	11.89	12.00
		62	5310	11.48	12.00
	802.11ac VHT80	58	5290	10.85	12.00
	802.11ax HE20	52	5260	11.45	12.00
		56	5280	11.48	12.00
		60	5300	11.45	12.00
		64	5320	11.41	12.00
	802.11ax HE40	54	5270	11.50	12.00
		62	5310	11.42	12.00
	802.11ax HE80	58	5290	11.05	12.00
5GHz UNII-2C	802.11a	100	5500	11.66	13.00
		104	5520	11.89	13.00
		108	5540	12.11	13.00
		112	5560	12.12	13.00
		116	5580	12.04	13.00
		120	5600	12.84	13.00
		124	5620	12.72	13.00
		128	5640	12.81	13.00
		132	5660	12.14	13.00
		136	5680	12.48	13.00
		140	5700	12.46	13.00
		144	5720	12.54	13.00
	802.11n HT20	100	5500	10.57	12.00
		104	5520	10.94	12.00
		108	5540	11.12	12.00
		112	5560	11.20	12.00
		116	5580	11.01	12.00
		120	5600	11.75	12.00
		124	5620	11.70	12.00
		128	5640	11.62	12.00
		132	5660	11.03	12.00
		136	5680	11.34	12.00
		140	5700	11.31	12.00
		144	5720	11.46	12.00
	802.11n HT40	102	5510	10.59	12.00
		110	5550	11.07	12.00
		118	5590	10.85	12.00
		126	5630	11.62	12.00
		134	5670	11.05	12.00
	802.11ac VHT20	142	5710	11.43	12.00
		100	5500	10.67	12.00
		104	5520	10.81	12.00
		108	5540	11.00	12.00
		112	5560	11.15	12.00
		116	5580	11.04	12.00
		120	5600	11.79	12.00
		124	5620	11.81	12.00
		128	5640	11.72	12.00
		132	5660	11.04	12.00
		136	5680	11.34	12.00
		140	5700	11.47	12.00
	802.11ac VHT40	144	5720	11.35	12.00
		102	5510	10.61	12.00
		110	5550	11.20	12.00



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		118	5590	10.86	12.00
		126	5630	11.48	12.00
		134	5670	11.09	12.00
		142	5710	11.38	12.00
	802.11ac VHT80	106	5530	10.47	12.00
		122	5610	11.10	12.00
		138	5690	10.84	12.00
		100	5500	10.75	12.00
	802.11ax HE20	104	5520	11.03	12.00
		108	5540	11.16	12.00
		112	5560	11.21	12.00
		116	5580	11.03	12.00
		120	5600	11.98	12.00
		124	5620	11.81	12.00
		128	5640	11.67	12.00
		132	5660	11.15	12.00
		136	5680	11.49	12.00
		140	5700	11.49	12.00
		144	5720	11.52	12.00
	802.11ax HE40	102	5510	10.68	12.00
		110	5550	11.20	12.00
		118	5590	11.18	12.00
		126	5630	11.92	12.00
	802.11ax HE80	134	5670	11.19	12.00
		142	5710	11.48	12.00
		106	5530	10.82	12.00
		122	5610	11.27	12.00
		138	5690	11.19	12.00
5GHz UNII-3	802.11a	149	5745	11.72	13.00
		153	5765	11.91	13.00
		157	5785	11.42	13.00
		161	5805	11.34	13.00
		165	5825	11.50	13.00
	802.11n HT20	149	5745	10.69	12.00
		153	5765	10.76	12.00
		157	5785	10.35	12.00
		161	5805	10.27	12.00
		165	5825	10.55	12.00
	802.11n HT40	151	5755	10.69	12.00
		159	5795	10.17	12.00
		149	5745	10.62	12.00
	802.11ac VHT20	153	5765	10.71	12.00
		157	5785	10.29	12.00
		161	5805	10.24	12.00
		165	5825	10.39	12.00
	802.11ac VHT40	151	5755	10.72	12.00
		159	5795	10.34	12.00
	802.11ac VHT80	155	5775	10.22	12.00
		149	5745	10.70	12.00
	802.11ax HE20	153	5765	10.96	12.00
		157	5785	10.43	12.00
		161	5805	10.34	12.00
		165	5825	10.48	12.00
	802.11ax HE40	151	5755	10.79	12.00
		159	5795	10.43	12.00
	802.11ax HE80	155	5775	10.32	12.00



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WIFI 5G MIMO DSI 0					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11n HT20	36	5180	17.96	19.00
		40	5200	17.71	19.00
		44	5220	17.81	19.00
		48	5240	17.83	19.00
	802.11n HT40	38	5190	17.97	19.00
		46	5230	17.84	19.00
	802.11ac VHT20	36	5180	17.94	19.00
		40	5200	17.78	19.00
		44	5220	17.73	19.00
		48	5240	17.80	19.00
	802.11ac VHT40	38	5190	18.07	19.00
		46	5230	17.89	19.00
	802.11ac VHT80	42	5210	17.50	19.00
		36	5180	17.92	19.00
		40	5200	17.82	19.00
		44	5220	17.96	19.00
5GHz U-NII-2A	802.11n HT20	48	5240	17.89	19.00
		38	5190	18.02	19.00
		46	5230	18.10	19.00
		42	5210	17.58	19.00
	802.11n HT40	52	5260	18.50	19.00
		56	5280	18.48	19.00
		60	5300	18.41	19.00
		64	5320	18.29	19.00
	802.11n HT80	54	5270	18.55	19.00
		62	5310	18.39	19.00
	802.11ac VHT20	52	5260	18.43	19.00
		56	5280	18.48	19.00
		60	5300	18.39	19.00
		64	5320	18.39	19.00
	802.11ac VHT40	54	5270	18.77	19.00
		62	5310	18.47	19.00
	802.11ac VHT80	58	5290	18.06	19.00
		52	5260	18.51	19.00
5GHz UNII-2C	802.11n HT20	56	5280	18.48	19.00
		60	5300	18.52	19.00
		64	5320	18.42	19.00
		54	5270	18.66	19.00
		62	5310	18.47	19.00
		58	5290	18.22	19.00
		100	5500	18.05	19.00
		104	5520	18.06	19.00
		108	5540	18.20	19.00
		112	5560	18.25	19.00
		116	5580	18.32	19.00
		120	5600	18.53	19.00
	802.11n HT40	124	5620	18.54	19.00
		128	5640	18.53	19.00
		132	5660	17.93	19.00
		136	5680	18.35	19.00
	802.11n HT80	140	5700	18.29	19.00
		144	5720	18.21	19.00
	802.11n	102	5510	17.93	19.00



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	HT40	110	5550	18.27	19.00
		118	5590	18.33	19.00
		126	5630	18.52	19.00
		134	5670	18.01	19.00
		142	5710	18.31	19.00
	802.11ac VHT20	100	5500	17.90	19.00
		104	5520	18.10	19.00
		108	5540	18.15	19.00
		112	5560	18.31	19.00
		116	5580	18.38	19.00
		120	5600	18.50	19.00
		124	5620	18.56	19.00
		128	5640	18.55	19.00
		132	5660	17.92	19.00
		136	5680	18.39	19.00
		140	5700	18.27	19.00
		144	5720	18.37	19.00
	802.11ac VHT40	102	5510	18.05	19.00
		110	5550	18.39	19.00
		118	5590	18.36	19.00
		126	5630	18.45	19.00
		134	5670	17.97	19.00
	802.11ac VHT80	142	5710	18.43	19.00
		106	5530	17.86	19.00
		122	5610	18.25	19.00
		138	5690	18.02	19.00
	802.11ax HE20	100	5500	18.07	19.00
		104	5520	18.25	19.00
		108	5540	18.41	19.00
		112	5560	18.39	19.00
		116	5580	18.28	19.00
		120	5600	18.70	19.00
		124	5620	18.71	19.00
		128	5640	18.72	19.00
		132	5660	18.04	19.00
		136	5680	18.36	19.00
		140	5700	18.43	19.00
		144	5720	18.40	19.00
	802.11ax HE40	102	5510	18.15	19.00
		110	5550	18.44	19.00
		118	5590	18.50	19.00
		126	5630	18.88	19.00
		134	5670	18.15	19.00
	802.11ax HE80	142	5710	18.50	19.00
		106	5530	18.08	19.00
		122	5610	18.28	19.00
		138	5690	18.14	19.00
5GHz UNII-3	802.11n HT20	149	5745	17.92	19.00
		153	5765	17.80	19.00
		157	5785	17.36	19.00
		161	5805	17.40	19.00
		165	5825	17.31	19.00
	802.11n HT40	151	5755	17.74	19.00
		159	5795	17.38	19.00
		149	5745	17.96	19.00
	802.11ac VHT20	153	5765	17.75	19.00
		157	5785	17.35	19.00
		161	5805	17.35	19.00
		165	5825	17.27	19.00
	802.11ac VHT40	151	5755	17.89	19.00
		159	5795	17.32	19.00



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	802.11ac VHT80	155	5775	17.36	19.00
	802.11ax HE20	149	5745	17.99	19.00
		153	5765	17.93	19.00
		157	5785	17.59	19.00
		161	5805	17.59	19.00
		165	5825	17.45	19.00
	802.11ax HE40	151	5755	17.89	19.00
		159	5795	17.68	19.00
	802.11ax HE80	155	5775	17.51	19.00

WIFI 5G MIMO DSI 1/2					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11n HT20	36	5180	20.95	22.00
		40	5200	20.70	22.00
		44	5220	20.81	22.00
		48	5240	20.85	22.00
	802.11n HT40	38	5190	19.97	21.00
		46	5230	19.85	21.00
	802.11ac VHT20	36	5180	20.92	22.00
		40	5200	20.77	22.00
		44	5220	20.81	22.00
	802.11ac VHT40	48	5240	20.88	22.00
		38	5190	19.99	21.00
		46	5230	19.92	21.00
	802.11ac VHT80	42	5210	17.47	19.00
		36	5180	17.93	19.00
	802.11ax HE20	40	5200	17.79	19.00
		44	5220	17.95	19.00
		48	5240	17.87	19.00
	802.11ax HE40	38	5190	18.09	19.00
		46	5230	18.04	19.00
	802.11ax HE80	42	5210	17.57	19.00
5GHz U-NII-2A	802.11n HT20	52	5260	21.47	22.00
		56	5280	21.48	22.00
		60	5300	21.39	22.00
		64	5320	21.31	22.00
	802.11n HT40	54	5270	20.58	21.00
		62	5310	20.39	21.00
	802.11ac VHT20	52	5260	21.46	22.00
		56	5280	21.46	22.00
		60	5300	21.37	22.00
	802.11ac VHT40	64	5320	21.35	22.00
		54	5270	20.76	21.00
		62	5310	20.44	21.00
	802.11ac VHT80	58	5290	18.06	19.00
		52	5260	18.53	19.00
	802.11ax HE20	56	5280	18.53	19.00
		60	5300	18.56	19.00
		64	5320	18.40	19.00
	802.11ax HE40	54	5270	18.62	19.00
		62	5310	18.53	19.00
	802.11ax HE80	58	5290	18.17	19.00
5GHz UNII-2C	802.11n HT20	100	5500	20.99	22.00
		104	5520	21.12	22.00



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		108	5540	21.19	22.00
		112	5560	21.31	22.00
		116	5580	21.33	22.00
		120	5600	21.52	22.00
		124	5620	21.54	22.00
		128	5640	21.53	22.00
		132	5660	20.90	22.00
		136	5680	21.29	22.00
		140	5700	21.25	22.00
		144	5720	21.25	22.00
	802.11n HT40	102	5510	19.99	21.00
		110	5550	20.25	21.00
		118	5590	20.32	21.00
		126	5630	20.57	21.00
		134	5670	19.98	21.00
		142	5710	20.33	21.00
	802.11ac VHT20	100	5500	20.96	22.00
		104	5520	21.08	22.00
		108	5540	21.20	22.00
		112	5560	21.24	22.00
		116	5580	21.32	22.00
		120	5600	21.55	22.00
		124	5620	21.60	22.00
		128	5640	21.53	22.00
		132	5660	20.89	22.00
		136	5680	21.36	22.00
		140	5700	20.30	21.00
		144	5720	21.30	22.00
	802.11ac VHT40	102	5510	20.02	21.00
		110	5550	20.30	21.00
		118	5590	20.34	21.00
		126	5630	20.51	21.00
		134	5670	19.93	21.00
	802.11ac VHT80	142	5710	20.37	21.00
		106	5530	17.74	19.00
		122	5610	18.13	19.00
		138	5690	17.91	19.00
		100	5500	18.07	19.00
	802.11ax HE20	104	5520	18.26	19.00
		108	5540	18.35	19.00
		112	5560	18.36	19.00
		116	5580	18.33	19.00
		120	5600	18.70	19.00
		124	5620	18.70	19.00
		128	5640	18.66	19.00
		132	5660	18.07	19.00
		136	5680	18.43	19.00
		140	5700	18.44	19.00
		144	5720	18.43	19.00
	802.11ax HE40	102	5510	18.20	19.00
		110	5550	18.43	19.00
		118	5590	18.53	19.00
		126	5630	18.81	19.00
		134	5670	18.17	19.00
	802.11ax HE80	142	5710	18.52	19.00
		106	5530	17.99	19.00
		122	5610	18.30	19.00
		138	5690	18.11	19.00
5GHz UNII-3	802.11n HT20	149	5745	20.91	22.00
		153	5765	20.75	22.00
		157	5785	20.38	22.00



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	802.11n HT40	161	5805	20.39	22.00
		165	5825	20.28	22.00
		151	5755	19.79	21.00
		159	5795	19.36	21.00
	802.11ac VHT20	149	5745	20.88	22.00
		153	5765	20.75	22.00
		157	5785	20.37	22.00
		161	5805	20.40	22.00
	802.11ac VHT40	165	5825	20.29	22.00
		151	5755	19.81	21.00
	802.11ac VHT80	159	5795	19.37	21.00
		155	5775	17.33	19.00
	802.11ax HE20	149	5745	18.00	19.00
		153	5765	17.90	19.00
		157	5785	17.54	19.00
		161	5805	17.53	19.00
	802.11ax HE40	165	5825	17.38	19.00
		151	5755	17.96	19.00
	802.11ax HE80	159	5795	17.61	19.00
		155	5775	17.57	19.00

WIFI 5G MIMO DSI 3					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11n HT20	36	5180	12.45	13.50
		40	5200	12.20	13.50
		44	5220	12.24	13.50
		48	5240	12.32	13.50
	802.11n HT40	38	5190	12.50	13.50
		46	5230	12.45	13.50
	802.11ac VHT20	36	5180	12.37	13.50
		40	5200	12.21	13.50
		44	5220	12.30	13.50
		48	5240	12.40	13.50
	802.11ac VHT40	38	5190	12.37	13.50
		46	5230	12.42	13.50
	802.11ac VHT80	42	5210	11.99	13.50
		36	5180	12.34	13.50
	802.11ax HE20	40	5200	12.29	13.50
		44	5220	12.36	13.50
		48	5240	12.28	13.50
	802.11ax HE40	38	5190	12.60	13.50
		46	5230	12.47	13.50
	802.11ax HE80	42	5210	12.07	13.50
5GHz U-NII-2A	802.11n HT20	52	5260	12.97	13.50
		56	5280	12.96	13.50
		60	5300	12.88	13.50
		64	5320	12.75	13.50
	802.11n HT40	54	5270	13.18	13.50
		62	5310	12.85	13.50
	802.11ac VHT20	52	5260	12.97	13.50
		56	5280	13.05	13.50
		60	5300	12.87	13.50
		64	5320	12.87	13.50
	802.11ac VHT40	54	5270	13.07	13.50
		62	5310	12.94	13.50
	802.11ac	58	5290	12.60	13.50



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5GHz UNII-2C	VHT80				
	802.11ax HE20	52	5260	12.99	13.50
		56	5280	12.96	13.50
		60	5300	12.93	13.50
		64	5320	12.84	13.50
	802.11ax HE40	54	5270	13.09	13.50
		62	5310	12.97	13.50
	802.11ax HE80	58	5290	12.73	13.50
	802.11n HT20	100	5500	12.54	13.50
		104	5520	12.51	13.50
		108	5540	12.76	13.50
		112	5560	12.81	13.50
		116	5580	12.84	13.50
		120	5600	13.04	13.50
		124	5620	13.09	13.50
		128	5640	13.08	13.50
		132	5660	12.44	13.50
		136	5680	12.76	13.50
		140	5700	12.77	13.50
		144	5720	12.73	13.50
	802.11n HT40	102	5510	12.62	13.50
		110	5550	12.67	13.50
		118	5590	12.80	13.50
		126	5630	13.03	13.50
		134	5670	12.56	13.50
		142	5710	12.85	13.50
	802.11ac VHT20	100	5500	12.49	13.50
		104	5520	12.54	13.50
		108	5540	12.79	13.50
		112	5560	12.79	13.50
		116	5580	12.84	13.50
		120	5600	13.15	13.50
		124	5620	13.06	13.50
		128	5640	12.95	13.50
		132	5660	12.43	13.50
		136	5680	12.85	13.50
	802.11ac VHT40	140	5700	12.80	13.50
		144	5720	12.85	13.50
		102	5510	12.49	13.50
		110	5550	12.83	13.50
		118	5590	12.77	13.50
	802.11ac VHT80	126	5630	12.96	13.50
		134	5670	12.39	13.50
		142	5710	12.96	13.50
	802.11ax HE20	106	5530	12.24	13.50
		122	5610	12.68	13.50
		138	5690	12.36	13.50
		100	5500	12.47	13.50
		104	5520	12.76	13.50
		108	5540	12.88	13.50
		112	5560	12.86	13.50
		116	5580	12.84	13.50
		120	5600	13.18	13.50
		124	5620	13.24	13.50
		128	5640	13.15	13.50
		132	5660	12.56	13.50
	802.11ax	136	5680	12.95	13.50
		140	5700	12.95	13.50
		144	5720	12.79	13.50
		102	5510	12.58	13.50



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5GHz UNII-3	HE40	110	5550	12.95	13.50
		118	5590	13.09	13.50
		126	5630	13.30	13.50
		134	5670	12.62	13.50
		142	5710	12.99	13.50
	802.11ax HE80	106	5530	12.45	13.50
		122	5610	12.80	13.50
		138	5690	12.60	13.50
		149	5745	12.27	13.50
	802.11n HT20	153	5765	12.31	13.50
		157	5785	11.78	13.50
		161	5805	11.93	13.50
		165	5825	12.04	13.50
	802.11n HT40	151	5755	12.26	13.50
		159	5795	11.83	13.50
	802.11ac VHT20	149	5745	12.38	13.50
		153	5765	12.28	13.50
		157	5785	11.91	13.50
		161	5805	11.90	13.50
	802.11ac VHT40	165	5825	11.73	13.50
		151	5755	12.33	13.50
		159	5795	11.93	13.50
	802.11ac VHT80	155	5775	11.88	13.50
		149	5745	12.58	13.50
	802.11ax HE20	153	5765	12.36	13.50
		157	5785	12.10	13.50
		161	5805	12.00	13.50
		165	5825	11.84	13.50
	802.11ax HE40	151	5755	12.43	13.50
		159	5795	12.01	13.50
	802.11ax HE80	155	5775	12.15	13.50

WIFI 5G MIMO DSI 4					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11n HT20	36	5180	14.98	16.00
		40	5200	14.70	16.00
		44	5220	14.75	16.00
		48	5240	14.86	16.00
	802.11n HT40	38	5190	14.96	16.00
		46	5230	14.89	16.00
	802.11ac VHT20	36	5180	14.90	16.00
		40	5200	14.78	16.00
		44	5220	14.82	16.00
		48	5240	14.90	16.00
	802.11ac VHT40	38	5190	14.95	16.00
		46	5230	14.91	16.00
	802.11ac VHT80	42	5210	14.47	16.00
		36	5180	14.88	16.00
	802.11ax HE20	40	5200	14.72	16.00
		44	5220	14.93	16.00
		48	5240	14.82	16.00
		38	5190	15.04	16.00
	802.11ax HE40	46	5230	15.02	16.00
		42	5210	14.61	16.00
	802.11ax HE80	42	5210	14.61	16.00
		42	5210	14.61	16.00
5GHz U-NII-2A	802.11n HT20	52	5260	15.48	16.00
		56	5280	15.48	16.00



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	802.11n HT40	60	5300	15.37	16.00
		64	5320	15.29	16.00
		54	5270	15.65	16.00
		62	5310	15.36	16.00
	802.11ac VHT20	52	5260	15.45	16.00
		56	5280	15.53	16.00
		60	5300	15.35	16.00
		64	5320	15.37	16.00
	802.11ac VHT40	54	5270	15.51	16.00
		62	5310	15.48	16.00
	802.11ac VHT80	58	5290	15.07	16.00
		52	5260	15.54	16.00
	802.11ax HE20	56	5280	15.45	16.00
		60	5300	15.50	16.00
		64	5320	15.40	16.00
		54	5270	15.60	16.00
5GHz UNII-2C	802.11ax HE40	62	5310	15.45	16.00
		58	5290	15.21	16.00
	802.11ax HE80	58	5290	15.21	16.00
		100	5500	15.01	16.00
	802.11n HT20	104	5520	15.04	16.00
		108	5540	15.26	16.00
		112	5560	15.33	16.00
		116	5580	15.31	16.00
		120	5600	15.54	16.00
		124	5620	15.56	16.00
		128	5640	15.51	16.00
		132	5660	14.97	16.00
		136	5680	15.28	16.00
		140	5700	15.29	16.00
		144	5720	15.24	16.00
	802.11n HT40	102	5510	15.05	16.00
		110	5550	15.21	16.00
		118	5590	15.32	16.00
		126	5630	15.56	16.00
		134	5670	14.99	16.00
	802.11ac VHT20	142	5710	15.33	16.00
		100	5500	14.97	16.00
		104	5520	15.05	16.00
		108	5540	15.24	16.00
		112	5560	15.21	16.00
		116	5580	15.37	16.00
		120	5600	15.57	16.00
		124	5620	15.57	16.00
		128	5640	15.54	16.00
		132	5660	14.88	16.00
		136	5680	15.38	16.00
		140	5700	15.26	16.00
	802.11ac VHT40	144	5720	15.37	16.00
		102	5510	15.08	16.00
		110	5550	15.29	16.00
		118	5590	15.36	16.00
		126	5630	15.50	16.00
	802.11ac VHT80	134	5670	14.93	16.00
		142	5710	15.43	16.00
		106	5530	14.72	16.00
		122	5610	15.18	16.00
	802.11ax HE20	138	5690	14.90	16.00
		100	5500	15.01	16.00
	802.11ax HE20	104	5520	15.24	16.00



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		108	5540	15.33	16.00
		112	5560	15.37	16.00
		116	5580	15.39	16.00
		120	5600	15.66	16.00
		124	5620	15.74	16.00
		128	5640	15.64	16.00
		132	5660	15.04	16.00
		136	5680	15.43	16.00
		140	5700	15.47	16.00
		144	5720	15.35	16.00
	802.11ax HE40	102	5510	15.16	16.00
		110	5550	15.41	16.00
		118	5590	15.56	16.00
		126	5630	15.81	16.00
		134	5670	15.14	16.00
	802.11ax HE80	142	5710	15.50	16.00
		106	5530	14.96	16.00
		122	5610	15.25	16.00
	5GHz UNII-3	138	5690	15.09	16.00
		149	5745	14.86	16.00
		153	5765	14.83	16.00
		157	5785	14.32	16.00
		161	5805	14.44	16.00
		165	5825	14.51	16.00
		151	5755	14.82	16.00
		159	5795	14.37	16.00
		149	5745	14.86	16.00
		153	5765	14.73	16.00
		157	5785	14.42	16.00
		161	5805	14.39	16.00
		165	5825	14.24	16.00
		151	5755	14.82	16.00
		159	5795	14.42	16.00
		155	5775	14.36	16.00
		149	5745	15.01	16.00
		153	5765	14.87	16.00
		157	5785	14.59	16.00
		161	5805	14.58	16.00
		165	5825	14.40	16.00
		151	5755	14.99	16.00
		159	5795	14.55	16.00
		155	5775	14.60	16.00

WIFI 5G MIMO DSI 5					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11n HT20	36	5180	13.87	15.00
		40	5200	13.70	15.00
		44	5220	13.86	15.00
		48	5240	13.87	15.00
	802.11n HT40	38	5190	13.96	15.00
		46	5230	13.81	15.00
	802.11ac VHT20	36	5180	13.91	15.00
		40	5200	13.77	15.00
		44	5220	13.83	15.00
		48	5240	13.89	15.00
	802.11ac VHT40	38	5190	13.99	15.00
		46	5230	13.92	15.00
	802.11ac	42	5210	13.46	15.00



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5GHz U-NII-2A	VHT80				
	802.11ax HE20	36	5180	14.00	15.00
		40	5200	13.77	15.00
		44	5220	13.93	15.00
		48	5240	13.92	15.00
	802.11ax HE40	38	5190	14.15	15.00
		46	5230	14.10	15.00
	802.11ax HE80	42	5210	13.60	15.00
5GHz U-NII-2C	802.11n HT20	52	5260	14.54	15.00
		56	5280	14.43	15.00
		60	5300	14.36	15.00
		64	5320	14.31	15.00
	802.11n HT40	54	5270	14.61	15.00
		62	5310	14.34	15.00
		52	5260	14.54	15.00
		56	5280	14.40	15.00
	802.11ac VHT20	60	5300	14.36	15.00
		64	5320	14.29	15.00
		54	5270	14.75	15.00
		62	5310	14.50	15.00
	802.11ac VHT40	58	5290	14.04	15.00
		52	5260	14.50	15.00
		56	5280	14.54	15.00
		60	5300	14.55	15.00
	802.11ax HE20	64	5320	14.43	15.00
		54	5270	14.60	15.00
		62	5310	14.52	15.00
		58	5290	14.22	15.00
	802.11ac VHT80	100	5500	13.99	15.00
		104	5520	14.17	15.00
		108	5540	14.23	15.00
		112	5560	14.30	15.00
		116	5580	14.36	15.00
		120	5600	14.56	15.00
		124	5620	14.50	15.00
		128	5640	14.57	15.00
		132	5660	13.91	15.00
		136	5680	14.28	15.00
		140	5700	14.21	15.00
		144	5720	14.30	15.00
5GHz UNII-2C	802.11n HT20	102	5510	13.96	15.00
		110	5550	14.28	15.00
		118	5590	14.26	15.00
		126	5630	14.60	15.00
	802.11n HT40	134	5670	13.98	15.00
		142	5710	14.37	15.00
		100	5500	13.96	15.00
		104	5520	14.00	15.00
	802.11ac VHT20	108	5540	14.19	15.00
		112	5560	14.25	15.00
		116	5580	14.30	15.00
		120	5600	14.60	15.00
		124	5620	14.68	15.00
		128	5640	14.55	15.00
		132	5660	13.91	15.00
		136	5680	14.29	15.00
		140	5700	14.28	15.00
		144	5720	14.24	15.00



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