

Appendix E

Conducted RF Output Power

Trigger Conditions	Antenna No.
WLAN+BT	All WLAN Ant

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1 Conducted Power of WIFI2.4G

WIFI 2.4G Ant1					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	21.13	22.00
	6	2437		21.42	22.00
	11	2462		21.40	22.00
802.11g	1	2412	6	14.67	16.00
	6	2437		15.13	16.00
	11	2462		15.38	16.00
802.11n HT20	1	2412	6.5	14.57	16.00
	6	2437		15.08	16.00
	11	2462		15.17	16.00
802.11n HT40	3	2422	13.5	14.88	16.00
	6	2437		14.65	16.00
	9	2452		14.61	16.00
802.11ax HE20	1	2412	MCS0	13.35	15.00
	6	2437		13.69	15.00
	11	2462		13.38	15.00
802.11ax HE40	3	2422	MCS0	13.58	15.00
	6	2437		13.74	15.00
	9	2452		13.68	15.00
802.11be EHT20	1	2412	MCS0	13.93	15.00
	6	2437		14.27	16.00
	11	2462		14.47	16.00
802.11be EHT40	3	2422	MCS0	14.15	16.00
	6	2437		14.06	16.00
	9	2452		14.12	16.00

WIFI 2.4G Ant2					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	20.87	22.00
	6	2437		21.23	22.00
	11	2462		21.32	22.00
802.11g	1	2412	6	14.29	16.00
	6	2437		14.65	16.00
	11	2462		15.10	16.00
802.11n HT20	1	2412	6.5	14.19	16.00
	6	2437		14.48	16.00
	11	2462		14.81	16.00
802.11n HT40	3	2422	13.5	14.88	16.00
	6	2437		14.88	16.00
	9	2452		14.12	16.00
802.11ax HE20	1	2412	MCS0	13.62	15.00
	6	2437		13.72	15.00
	11	2462		14.38	15.00
802.11ax HE40	3	2422	MCS0	13.82	15.00
	6	2437		13.77	15.00
	9	2452		13.70	15.00



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802.11be EHT20	1	2412	MCS0	13.17	15.00
	6	2437		13.60	15.00
	11	2462		13.80	15.00
802.11be EHT40	3	2422	MCS0	13.69	15.00
	6	2437		13.53	15.00
	9	2452		13.46	15.00

WIFI 2.4G MIMO					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n HT20	1	2412	6.5	17.39	19.00
	6	2437		17.80	19.00
	11	2462		18.00	19.00
802.11n HT40	3	2422	13.5	17.89	19.00
	6	2437		17.78	19.00
	9	2452		17.38	19.00
802.11ax HE20	1	2412	MCS0	16.50	18.00
	6	2437		16.72	18.00
	11	2462		16.92	18.00
802.11ax HE40	3	2422	MCS0	16.71	18.00
	6	2437		16.77	18.00
	9	2452		16.70	18.00
802.11be EHT20	1	2412	MCS0	16.58	18.00
	6	2437		16.96	18.00
	11	2462		17.16	18.00
802.11be EHT40	3	2422	MCS0	16.94	18.00
	6	2437		16.81	18.00
	9	2452		16.81	18.00

2 Conducted Power of WIFI5G

WIFI 5G Ant1					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	18.10	19.50
		40	5200	18.26	19.50
		44	5220	18.30	19.50
		48	5240	18.52	19.50
	802.11n HT20	36	5180	16.98	18.50
		40	5200	17.05	18.50
		44	5220	17.03	18.50
		48	5240	17.25	18.50
	802.11n HT40	38	5190	16.92	18.00
		46	5230	17.26	18.00
	802.11ac VHT20	36	5180	17.02	18.50
		40	5200	17.02	18.50
		44	5220	16.95	18.50
		48	5240	17.21	18.50
	802.11ac VHT40	38	5190	16.94	18.00
		46	5230	17.26	18.00
	802.11ac VHT80	42	5210	17.70	18.50
	802.11ax HE20	36	5180	16.97	18.50
		40	5200	17.02	18.50
		44	5220	16.95	18.50
		48	5240	17.17	18.50
	802.11ax HE40	38	5190	16.96	18.00
		46	5230	17.27	18.00
	802.11ax HE80	42	5210	17.70	18.50
	802.11be EHT20	36	5180	17.23	18.50
		40	5200	17.28	18.50
		44	5220	17.21	18.50
		48	5240	17.43	18.50
802.11be EHT40	38	5190	17.12	18.00	
	46	5230	17.43	18.00	
802.11be EHT80	42	5210	17.89	18.50	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	18.64	19.50
		56	5280	18.60	19.50
		60	5300	19.00	19.50
		64	5320	19.01	19.50
	802.11n HT20	52	5260	17.04	18.00
		56	5280	17.21	18.00
		60	5300	16.75	18.00
		64	5320	16.95	18.00
	802.11n HT40	54	5270	17.49	18.50
		62	5310	17.82	18.50
	802.11ac	52	5260	17.03	18.00



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	VHT20	56	5280	17.25	18.00	
		60	5300	16.72	18.00	
		64	5320	16.93	18.00	
	802.11ac VHT40	54	5270	17.45	18.50	
		62	5310	17.79	18.50	
	802.11ac VHT80	58	5290	18.01	18.50	
	802.11ac VHT160	50	5250	17.21	18.50	
	802.11ax HE20	52	5260	17.04	18.00	
		56	5280	17.21	18.00	
		60	5300	16.73	18.00	
		64	5320	16.91	18.00	
	802.11ax HE40	54	5270	17.46	18.50	
		62	5310	17.82	18.50	
	802.11ax HE80	58	5290	17.97	18.50	
	802.11ax HE160	50	5250	17.40	18.50	
	802.11be EHT20	52	5260	17.32	18.00	
		56	5280	17.49	18.00	
		60	5300	17.02	18.00	
		64	5320	17.21	18.00	
	802.11be EHT40	54	5270	17.65	18.50	
62		5310	17.99	18.50		
802.11be EHT80	58	5290	18.17	18.50		
802.11be EHT160	50	5250	17.43	18.50		
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz UNII-2C	802.11a	100	5500	18.65	19.50	
		104	5520	18.60	19.50	
		108	5540	18.61	19.50	
		112	5560	18.67	19.50	
		116	5580	18.66	19.50	
		120	5600	18.69	19.50	
		124	5620	18.52	19.50	
		128	5640	18.62	19.50	
		132	5660	18.80	19.50	
		136	5680	18.75	19.50	
		140	5700	18.61	19.50	
		802.11n HT20	100	5500	16.77	18.00
			104	5520	16.82	18.00
	108		5540	16.82	18.00	
	112		5560	16.73	18.00	
	116		5580	16.88	18.00	
	120		5600	16.86	18.00	
	124		5620	16.86	18.00	
	128		5640	16.81	18.00	
	132		5660	16.80	18.00	
	136		5680	16.74	18.00	
	140	5700	16.73	18.00		
	802.11n	102	5510	17.81	18.50	



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HT40	110	5550	17.66	18.50
	118	5590	17.79	18.50
	126	5630	17.80	18.50
	134	5670	17.71	18.50
802.11ac VHT20	100	5500	16.81	18.00
	104	5520	16.73	18.00
	108	5540	16.80	18.00
	112	5560	16.74	18.00
	116	5580	16.92	18.00
	120	5600	16.83	18.00
	124	5620	16.89	18.00
	128	5640	16.79	18.00
	132	5660	16.80	18.00
	136	5680	16.70	18.00
	140	5700	16.70	18.00
802.11ac VHT40	102	5510	17.78	18.50
	110	5550	17.69	18.50
	118	5590	17.77	18.50
	126	5630	17.80	18.50
	134	5670	17.72	18.50
802.11ac VHT80	106	5530	17.76	18.50
	122	5610	17.93	18.50
802.11ax HE20	100	5500	16.76	18.00
	104	5520	16.75	18.00
	108	5540	16.78	18.00
	112	5560	16.74	18.00
	116	5580	16.85	18.00
	120	5600	16.81	18.00
	124	5620	16.81	18.00
	128	5640	16.77	18.00
	132	5660	16.74	18.00
	136	5680	16.73	18.00
140	5700	16.70	18.00	
802.11ax HE40	102	5510	17.78	18.50
	110	5550	17.67	18.50
	118	5590	17.80	18.50
	126	5630	17.82	18.50
	134	5670	17.69	18.50
802.11ax HE80	106	5530	17.79	18.50
	122	5610	17.92	18.50
802.11ax HE160	114	5570	17.63	18.50
802.11be EHT20	100	5500	17.03	18.00
	104	5520	17.01	18.00
	108	5540	17.06	18.00
	112	5560	17.02	18.00
	116	5580	17.12	18.00
	120	5600	17.10	18.00
	124	5620	17.08	18.00
	128	5640	17.02	18.00
132	5660	17.00	18.00	



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		136	5680	16.98	18.00
		140	5700	16.95	18.00
	802.11be EHT40	102	5510	17.96	18.50
		110	5550	17.85	18.50
		118	5590	17.96	18.50
		126	5630	17.98	18.50
		134	5670	17.88	18.50
	802.11be EHT80	106	5530	17.94	18.50
		122	5610	18.12	18.50
	802.11be EHT160	114	5570	17.65	18.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	19.42	20.50
		153	5765	19.85	20.50
		157	5785	19.60	20.50
		161	5805	19.40	20.50
		165	5825	19.42	20.50
	802.11n HT20	149	5745	18.02	19.00
		153	5765	18.06	19.00
		157	5785	18.09	19.00
		161	5805	18.19	19.00
		165	5825	17.93	19.00
	802.11n HT40	151	5755	18.72	19.50
		159	5795	18.77	19.50
	802.11ac VHT20	149	5745	18.01	19.00
		153	5765	18.05	19.00
		157	5785	18.02	19.00
		161	5805	18.14	19.00
		165	5825	17.97	19.00
	802.11ac VHT40	151	5755	18.71	19.50
		159	5795	18.77	19.50
	802.11ac VHT80	155	5775	18.56	19.50
	802.11ax HE20	149	5745	18.00	19.00
		153	5765	18.05	19.00
		157	5785	17.98	19.00
		161	5805	18.16	19.00
		165	5825	17.87	19.00
	802.11ax HE40	151	5755	18.72	19.50
		159	5795	18.76	19.50
	802.11ax HE80	155	5775	18.56	19.50
	802.11be EHT20	149	5745	18.28	19.00
		153	5765	18.31	19.00
		157	5785	18.28	19.00
		161	5805	18.41	19.00
		165	5825	18.16	19.00
802.11be EHT40	151	5755	18.89	19.50	
	159	5795	18.94	19.50	
802.11be EHT80	155	5775	18.74	19.50	



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WIFI 5G Ant2					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	18.07	19.50
		40	5200	18.23	19.50
		44	5220	18.23	19.50
		48	5240	18.30	19.50
	802.11n HT20	36	5180	17.00	18.50
		40	5200	17.02	18.50
		44	5220	17.03	18.50
		48	5240	17.37	18.50
	802.11n HT40	38	5190	17.15	18.00
		46	5230	17.22	18.00
	802.11ac VHT20	36	5180	16.96	18.50
		40	5200	16.97	18.50
		44	5220	17.03	18.50
		48	5240	17.32	18.50
	802.11ac VHT40	38	5190	17.14	18.00
		46	5230	17.23	18.00
	802.11ac VHT80	42	5210	17.46	18.50
	802.11ax HE20	36	5180	16.95	18.50
		40	5200	16.99	18.50
		44	5220	17.04	18.50
		48	5240	17.29	18.50
	802.11ax HE40	38	5190	17.13	18.00
		46	5230	17.26	18.00
	802.11ax HE80	42	5210	17.48	18.50
802.11be EHT20	36	5180	17.21	18.50	
	40	5200	17.26	18.50	
	44	5220	17.32	18.50	
	48	5240	17.55	18.50	
802.11be EHT40	38	5190	17.31	18.00	
	46	5230	17.42	18.00	
802.11be EHT80	42	5210	17.65	18.50	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	18.52	19.50
		56	5280	18.61	19.50
		60	5300	19.05	19.50
		64	5320	19.10	19.50
	802.11n HT20	52	5260	17.09	18.00
		56	5280	17.11	18.00
		60	5300	17.12	18.00
		64	5320	17.04	18.00
	802.11n HT40	54	5270	17.69	18.50
		62	5310	17.94	18.50
	802.11ac VHT20	52	5260	17.14	18.00
		56	5280	17.05	18.00
		60	5300	17.08	18.00
		64	5320	17.08	18.00



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	802.11ac VHT40	54	5270	17.72	18.50
		62	5310	17.93	18.50
	802.11ac VHT80	58	5290	17.93	18.50
	802.11ac VHT160	50	5250	17.26	18.50
	802.11ax HE20	52	5260	17.09	18.00
		56	5280	17.08	18.00
		60	5300	17.09	18.00
		64	5320	17.04	18.00
	802.11ax HE40	54	5270	17.72	18.50
		62	5310	17.96	18.50
	802.11ax HE80	58	5290	17.94	18.50
	802.11ax HE160	50	5250	17.43	18.50
	802.11be EHT20	52	5260	17.36	18.00
		56	5280	17.33	18.00
		60	5300	17.34	18.00
		64	5320	17.32	18.00
	802.11be EHT40	54	5270	17.88	18.50
62		5310	18.11	18.50	
802.11be EHT80	58	5290	18.11	18.50	
802.11be EHT160	50	5250	17.49	18.50	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	18.57	19.50
		104	5520	18.37	19.50
		108	5540	18.59	19.50
		112	5560	18.68	19.50
		116	5580	18.80	19.50
		120	5600	18.57	19.50
		124	5620	18.79	19.50
		128	5640	18.58	19.50
		132	5660	18.76	19.50
		136	5680	18.59	19.50
		140	5700	18.56	19.50
	802.11n HT20	100	5500	16.79	18.00
		104	5520	16.88	18.00
		108	5540	16.90	18.00
		112	5560	17.02	18.00
		116	5580	17.07	18.00
		120	5600	17.22	18.00
		124	5620	17.16	18.00
		128	5640	17.10	18.00
		132	5660	17.08	18.00
		136	5680	16.83	18.00
		140	5700	16.93	18.00
	802.11n HT40	102	5510	17.79	18.50
		110	5550	17.86	18.50
		118	5590	17.76	18.50
		126	5630	17.82	18.50



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		134	5670	17.90	18.50
	802.11ac VHT20	100	5500	16.74	18.00
		104	5520	16.79	18.00
		108	5540	16.93	18.00
		112	5560	16.98	18.00
		116	5580	17.12	18.00
		120	5600	17.18	18.00
		124	5620	17.08	18.00
		128	5640	17.08	18.00
		132	5660	16.99	18.00
		136	5680	16.83	18.00
		140	5700	17.00	18.00
	802.11ac VHT40	102	5510	17.82	18.50
		110	5550	17.86	18.50
		118	5590	17.75	18.50
		126	5630	17.83	18.50
		134	5670	17.88	18.50
	802.11ac VHT80	106	5530	17.90	18.50
		122	5610	18.00	18.50
	802.11ax HE20	100	5500	16.76	18.00
		104	5520	16.78	18.00
		108	5540	16.84	18.00
		112	5560	16.92	18.00
		116	5580	17.10	18.00
		120	5600	17.14	18.00
		124	5620	17.09	18.00
		128	5640	17.07	18.00
		132	5660	17.01	18.00
		136	5680	16.81	18.00
	140	5700	16.95	18.00	
	802.11ax HE40	102	5510	17.79	18.50
		110	5550	17.90	18.50
		118	5590	17.77	18.50
		126	5630	17.84	18.50
		134	5670	17.88	18.50
	802.11ax HE80	106	5530	17.93	18.50
		122	5610	18.00	18.50
	802.11ax HE160	114	5570	17.58	18.50
	802.11be EHT20	100	5500	17.03	18.00
		104	5520	17.07	18.00
		108	5540	17.13	18.00
		112	5560	17.20	18.00
		116	5580	17.36	18.00
		120	5600	17.43	18.00
		124	5620	17.36	18.00
		128	5640	17.35	18.00
		132	5660	17.27	18.00
		136	5680	17.10	18.00
	140	5700	17.22	18.00	
	802.11be	102	5510	17.97	18.50



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	EHT40	110	5550	18.06	18.50
		118	5590	17.94	18.50
		126	5630	18.00	18.50
		134	5670	18.07	18.50
	802.11be EHT80	106	5530	18.10	18.50
		122	5610	18.19	18.50
	802.11be EHT160	114	5570	17.82	18.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	19.12	20.50
		153	5765	19.10	20.50
		157	5785	19.30	20.50
		161	5805	19.13	20.50
		165	5825	19.01	20.50
	802.11n HT20	149	5745	18.74	19.00
		153	5765	18.61	19.00
		157	5785	18.65	19.00
		161	5805	18.50	19.00
		165	5825	18.66	19.00
	802.11n HT40	151	5755	18.92	19.50
		159	5795	19.03	19.50
	802.11ac VHT20	149	5745	18.71	19.00
		153	5765	18.56	19.00
		157	5785	18.67	19.00
		161	5805	18.50	19.00
		165	5825	18.64	19.00
	802.11ac VHT40	151	5755	18.94	19.50
		159	5795	19.02	19.50
	802.11ac VHT80	155	5775	18.97	19.50
	802.11ax HE20	149	5745	18.70	19.00
		153	5765	18.55	19.00
		157	5785	18.65	19.00
		161	5805	18.45	19.00
		165	5825	18.63	19.00
	802.11ax HE40	151	5755	18.96	19.50
		159	5795	19.04	19.50
	802.11ax HE80	155	5775	18.97	19.50
	802.11be EHT20	149	5745	18.98	19.00
		153	5765	18.82	19.00
		157	5785	18.94	19.00
		161	5805	18.74	19.00
165		5825	18.91	19.00	
802.11be EHT40	151	5755	19.11	19.50	
	159	5795	19.21	19.50	
802.11be EHT80	155	5775	19.16	19.50	



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WIFI 5G MIMO					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11n HT20	36	5180	20.00	21.50
		40	5200	20.05	21.50
		44	5220	20.04	21.50
		48	5240	20.32	21.50
	802.11n HT40	38	5190	20.05	21.00
		46	5230	20.25	21.00
	802.11ac VHT20	36	5180	20.00	21.50
		40	5200	20.01	21.50
		44	5220	20.00	21.50
	802.11ac VHT40	48	5240	20.28	21.50
		38	5190	20.05	21.00
	802.11ac VHT80	46	5230	20.26	21.00
		42	5210	20.59	21.50
	802.11ax HE20	36	5180	19.97	21.50
		40	5200	20.02	21.50
		44	5220	20.01	21.50
		48	5240	20.24	21.50
	802.11ax HE40	38	5190	20.06	21.00
		46	5230	20.28	21.00
	802.11ax HE80	42	5210	20.60	21.50
802.11be EHT20	36	5180	20.23	21.50	
	40	5200	20.28	21.50	
	44	5220	20.28	21.50	
	48	5240	20.50	21.50	
802.11be EHT40	38	5190	20.23	21.00	
	46	5230	20.44	21.00	
802.11be EHT80	42	5210	20.78	21.50	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11n HT20	52	5260	20.08	21.00
		56	5280	20.17	21.00
		60	5300	19.95	21.00
		64	5320	20.01	21.00
	802.11n HT40	54	5270	20.60	21.50
		62	5310	20.89	21.50
	802.11ac VHT20	52	5260	20.10	21.00
		56	5280	20.16	21.00
		60	5300	19.91	21.00
		64	5320	20.02	21.00
	802.11ac VHT40	54	5270	20.60	21.50
		62	5310	20.87	21.50
	802.11ac VHT80	58	5290	20.98	21.50
	802.11ac VHT160	50	5250	20.25	21.50
802.11ax HE20	52	5260	20.08	21.00	
	56	5280	20.16	21.00	
	60	5300	19.92	21.00	



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		64	5320	19.99	21.00
	802.11ax HE40	54	5270	20.60	21.50
		62	5310	20.90	21.50
	802.11ax HE80	58	5290	20.97	21.50
	802.11ax HE160	50	5250	20.43	21.50
	802.11be EHT20	52	5260	20.35	21.00
		56	5280	20.42	21.00
		60	5300	20.19	21.00
		64	5320	20.28	21.00
	802.11be EHT40	54	5270	20.78	21.50
		62	5310	21.06	21.50
	802.11be EHT80	58	5290	21.15	21.50
	802.11be EHT160	50	5250	20.47	21.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11n HT20	100	5500	19.79	21.00
		104	5520	19.86	21.00
		108	5540	19.87	21.00
		112	5560	19.89	21.00
		116	5580	19.99	21.00
		120	5600	20.05	21.00
		124	5620	20.02	21.00
		128	5640	19.97	21.00
		132	5660	19.95	21.00
		136	5680	19.80	21.00
		140	5700	19.84	21.00
	802.11n HT40	102	5510	20.81	21.50
		110	5550	20.77	21.50
		118	5590	20.79	21.50
		126	5630	20.82	21.50
		134	5670	20.82	21.50
	802.11ac VHT20	100	5500	19.79	21.00
		104	5520	19.77	21.00
		108	5540	19.88	21.00
		112	5560	19.87	21.00
		116	5580	20.03	21.00
		120	5600	20.02	21.00
		124	5620	20.00	21.00
		128	5640	19.95	21.00
		132	5660	19.91	21.00
		136	5680	19.78	21.00
		140	5700	19.86	21.00
	802.11ac VHT40	102	5510	20.81	21.50
		110	5550	20.79	21.50
		118	5590	20.77	21.50
		126	5630	20.83	21.50
		134	5670	20.81	21.50
	802.11ac VHT80	106	5530	20.84	21.50
		122	5610	20.98	21.50



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802.11ax HE20	100	5500	19.77	21.00	
	104	5520	19.78	21.00	
	108	5540	19.82	21.00	
	112	5560	19.84	21.00	
	116	5580	19.99	21.00	
	120	5600	19.99	21.00	
	124	5620	19.96	21.00	
	128	5640	19.93	21.00	
	132	5660	19.89	21.00	
	136	5680	19.78	21.00	
140	5700	19.84	21.00		
802.11ax HE40	102	5510	20.80	21.50	
	110	5550	20.80	21.50	
	118	5590	20.80	21.50	
	126	5630	20.84	21.50	
	134	5670	20.80	21.50	
802.11ax HE80	106	5530	20.87	21.50	
	122	5610	20.97	21.50	
802.11ax HE160	114	5570	20.62	21.50	
802.11be EHT20	100	5500	20.04	21.00	
	104	5520	20.05	21.00	
	108	5540	20.11	21.00	
	112	5560	20.12	21.00	
	116	5580	20.25	21.00	
	120	5600	20.28	21.00	
	124	5620	20.23	21.00	
	128	5640	20.20	21.00	
	132	5660	20.15	21.00	
	136	5680	20.05	21.00	
140	5700	20.10	21.00		
802.11be EHT40	102	5510	20.98	21.50	
	110	5550	20.97	21.50	
	118	5590	20.96	21.50	
	126	5630	21.00	21.50	
	134	5670	20.99	21.50	
802.11be EHT80	106	5530	21.03	21.50	
	122	5610	21.17	21.50	
802.11be EHT160	114	5570	20.75	21.50	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11n HT20	149	5745	21.41	22.00
		153	5765	21.35	22.00
		157	5785	21.39	22.00
		161	5805	21.36	22.00
		165	5825	21.32	22.00
	802.11n HT40	151	5755	21.83	22.50
		159	5795	21.91	22.50
	802.11ac VHT20	149	5745	21.38	22.00
		153	5765	21.32	22.00
157		5785	21.37	22.00	



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		161	5805	21.33	22.00
		165	5825	21.33	22.00
	802.11ac VHT40	151	5755	21.84	22.50
		159	5795	21.91	22.50
	802.11ac VHT80	155	5775	21.78	22.50
	802.11ax HE20	149	5745	21.37	22.00
		153	5765	21.32	22.00
		157	5785	21.34	22.00
		161	5805	21.32	22.00
		165	5825	21.28	22.00
	802.11ax HE40	151	5755	21.85	22.50
		159	5795	21.91	22.50
	802.11ax HE80	155	5775	21.78	22.50
	802.11be EHT20	149	5745	21.65	22.00
		153	5765	21.58	22.00
		157	5785	21.63	22.00
		161	5805	21.59	22.00
		165	5825	21.56	22.00
	802.11be EHT40	151	5755	22.01	22.50
		159	5795	22.09	22.50
	802.11be EHT80	155	5775	21.97	22.50



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3 Conducted Power of WIFI6E

WIFI 6E Ant 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11a	1	5955	6Mbps	15.36	16.50
		45	6175		14.81	16.00
		93	6415		15.52	16.50
	802.11ax HEW20	1	5955	MCS0	9.93	11.00
		45	6175		9.45	10.50
		93	6415		10.14	11.00
	802.11ax HEW40	3	5965	MCS0	12.61	13.50
		43	6165		12.06	13.00
		91	6405		12.98	14.00
	802.11ax HEW80	7	5985	MCS0	14.83	16.00
		39	6145		13.98	15.00
		87	6385		14.80	16.00
	802.11ax HEW160	15	6025	MCS0	17.49	18.50
		47	6185		17.15	18.00
		79	6345		17.74	18.50
	802.11be EHT20	1	5955	MCS0	9.87	11.00
		45	6175		9.38	10.50
		93	6415		10.22	11.00
	802.11be EHT40	3	5965	MCS0	12.43	13.50
		43	6165		11.78	13.00
		91	6405		12.72	13.50
	802.11be EHT80	7	5985	MCS0	15.16	16.00
		39	6145		14.98	16.00
		87	6385		15.83	17.00
802.11be EHT160	15	6025	MCS0	17.62	19.00	
	47	6185		17.27	19.00	
	79	6345		17.82	19.00	
802.11be EHT320	31	6105	MCS0	17.22	19.00	
	63	6265		17.78	19.00	
U - NII - 6 6.5GHz	802.11a	97	6435	6Mbps	13.95	15.00
		105	6475		14.33	15.00
		113	6515		14.33	15.00
	802.11ax HEW20	97	6435	MCS0	10.10	11.00
		105	6475		10.46	11.50
		113	6515		10.25	11.50
	802.11ax HEW40	99	6445	MCS0	12.88	14.00
		107	6485		13.13	14.00
	802.11ax HEW80	103	6465	MCS0	14.35	15.00
		119	6545		14.22	15.00
	802.11ax HEW160	111	6505	MCS0	14.34	15.00
	802.11be EHT20	97	6435	MCS0	9.62	10.50
		105	6475		9.87	11.00
		113	6515		9.74	10.50
	802.11be EHT40	99	6445	MCS0	12.54	13.50
107		6485	12.79		14.00	



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	802.11be EHT80	103	6465	MCS0	14.46	15.00
		119	6545		14.52	15.00
	802.11be EHT160	111	6505	MCS0	14.39	15.00
	802.11be EHT320	95	6425	MCS0	14.55	15.00
U - NII - 7 6.7GHz	802.11a	117	6535	6Mbps	15.34	16.00
		149	6695		15.13	16.00
		181	6855		15.05	16.00
	802.11ax HEW20	117	6535	MCS0	9.56	10.50
		149	6695		10.04	11.00
		181	6855		10.27	11.50
	802.11ax HEW40	115	6525	MCS0	13.00	14.00
		147	6685		12.55	13.50
		179	6845		12.94	14.00
	802.11ax HEW80	135	6625	MCS0	13.90	15.00
		151	6705		14.30	15.00
		167	6785		14.50	15.00
	802.11ax HEW160	143	6665	MCS0	14.16	15.00
		175	6825		14.33	15.00
	802.11be EHT20	117	6535	MCS0	9.73	10.50
		149	6695		9.50	10.50
		181	6855		10.36	11.50
	802.11be EHT40	115	6525	MCS0	12.75	14.00
		147	6685		12.32	13.50
		179	6845		13.32	14.50
	802.11be EHT80	135	6625	MCS0	14.59	15.00
		151	6705		14.53	15.00
		167	6785		14.80	15.00
	802.11be EHT160	143	6665	MCS0	14.36	15.00
175		6825	14.46		15.00	
802.11be EHT320	127	6585	MCS0	14.39	15.00	
	159	6745		15.08	16.00	
U - NII - 8 7.0GHz	802.11a	185	6875	6Mbps	12.40	13.00
		209	6995		11.64	13.00
		233	7115		11.51	13.00
	802.11ax HEW20	185	6875	MCS0	10.18	11.00
		209	6995		9.29	10.50
		233	7115		9.28	10.50
	802.11ax HEW40	187	6885	MCS0	12.68	13.50
		227	7085		12.60	13.50
	802.11ax HEW80	183	6865	MCS0	12.55	13.00
		199	6945		12.83	13.00
		215	7025		12.37	13.00
	802.11ax HEW160	207	6985	MCS0	12.63	13.00
	802.11be EHT20	185	6875	MCS0	10.35	11.50
		209	6995		9.37	10.50
		233	7115		9.52	10.50
	802.11be EHT40	187	6885	MCS0	13.31	14.00
		227	7085		12.44	13.50
	802.11be	183	6865	MCS0	13.60	14.00



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	EHT80	199	6945		12.89	14.00
		215	7025		13.15	14.00
	802.11be EHT160	207	6985	MCS0	12.87	14.00
	802.11be EHT320	191	6905	MCS0	12.88	14.00

WIFI 6E Ant 2						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11a	1	5955	6Mbps	15.79	17.00
		45	6175		14.99	16.00
		93	6415		15.55	16.50
	802.11ax HEW20	1	5955	MCS0	9.65	10.50
		45	6175		9.03	10.00
		93	6415		10.30	11.50
	802.11ax HEW40	3	5965	MCS0	12.44	13.50
		43	6165		11.37	12.50
		91	6405		12.38	13.50
	802.11ax HEW80	7	5985	MCS0	15.00	16.00
		39	6145		14.25	15.50
		87	6385		14.82	16.00
	802.11ax HEW160	15	6025	MCS0	17.59	18.50
		47	6185		17.15	18.00
		79	6345		17.51	18.50
	802.11be EHT20	1	5955	MCS0	10.30	11.50
		45	6175		9.55	10.50
		93	6415		10.57	11.50
	802.11be EHT40	3	5965	MCS0	13.04	14.00
		43	6165		12.31	13.50
		91	6405		13.19	14.00
	802.11be EHT80	7	5985	MCS0	15.72	16.50
		39	6145		15.49	16.50
		87	6385		16.13	17.00
802.11be EHT160	15	6025	MCS0	18.03	19.00	
	47	6185		17.66	19.00	
	79	6345		18.17	19.00	
802.11be EHT320	31	6105	MCS0	17.76	19.00	
	63	6265		17.73	19.00	
U - NII - 6 6.5GHz	802.11a	97	6435	6Mbps	14.42	15.00
		105	6475		13.92	15.00
		113	6515		13.94	15.00
	802.11ax HEW20	97	6435	MCS0	10.36	11.50
		105	6475		9.97	11.00
		113	6515		9.93	11.00
	802.11ax HEW40	99	6445	MCS0	12.27	13.50
		107	6485		12.06	13.00
	802.11ax HEW80	103	6465	MCS0	14.13	15.00
		119	6545		14.15	15.00
	802.11ax HEW160	111	6505	MCS0	13.92	15.00
	802.11be EHT20	97	6435	MCS0	10.13	11.00
105		6475	9.68		10.50	



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	802.11be EHT40	113	6515	MCS0	9.62	10.50
		99	6445		13.03	14.00
		107	6485		12.77	14.00
	802.11be EHT80	103	6465	MCS0	15.01	16.00
		119	6545		14.32	15.00
	802.11be EHT160	111	6505	MCS0	14.28	15.00
802.11be EHT320	95	6425	MCS0	15.06	16.00	
U - NII - 7 6.7GHz	802.11a	117	6535	6Mbps	14.63	15.00
		149	6695		14.91	15.00
		181	6855		15.05	16.00
	802.11ax HEW20	117	6535	MCS0	9.00	10.00
		149	6695		9.75	11.00
		181	6855		9.50	10.50
	802.11ax HEW40	115	6525	MCS0	12.44	13.50
		147	6685		11.95	13.00
		179	6845		12.16	13.00
	802.11ax HEW80	135	6625	MCS0	13.44	15.00
		151	6705		13.92	15.00
		167	6785		13.90	15.00
	802.11ax HEW160	143	6665	MCS0	13.73	15.00
		175	6825		14.02	15.00
	802.11be EHT20	117	6535	MCS0	9.29	10.50
		149	6695		9.60	10.50
		181	6855		9.75	11.00
	802.11be EHT40	115	6525	MCS0	12.65	13.50
		147	6685		12.65	13.50
		179	6845		12.98	14.00
	802.11be EHT80	135	6625	MCS0	14.88	15.00
		151	6705		14.81	15.00
		167	6785		14.84	15.00
	802.11be EHT160	143	6665	MCS0	14.33	15.00
175		6825	14.05		15.00	
802.11be EHT320	127	6585	MCS0	14.37	15.00	
	159	6745		15.11	16.00	
U - NII - 8 7.0GHz	802.11a	185	6875	6Mbps	11.40	12.00
		209	6995		11.02	12.00
		233	7115		11.02	12.00
	802.11ax HEW20	185	6875	MCS0	8.91	10.00
		209	6995		8.79	10.00
		233	7115		8.73	9.50
	802.11ax HEW40	187	6885	MCS0	12.65	13.50
		227	7085		11.93	13.00
	802.11ax HEW80	183	6865	MCS0	12.26	13.00
		199	6945		11.79	13.00
		215	7025		12.05	13.00
	802.11ax HEW160	207	6985	MCS0	12.17	13.00
	802.11be EHT20	185	6875	MCS0	10.04	11.00
		209	6995		9.44	10.50
		233	7115		9.40	10.50



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	802.11be EHT40	187	6885	MCS0	12.85	14.00
		227	7085		12.11	13.00
	802.11be EHT80	183	6865	MCS0	13.19	14.00
		199	6945		13.25	14.00
		215	7025		13.13	14.00
	802.11be EHT160	207	6985	MCS0	13.43	14.00
	802.11be EHT320	191	6905	MCS0	13.20	14.00

WIFI 6E MIMO						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11ax HEW20	1	5955	MCS0	12.80	13.50
		45	6175		12.26	13.00
		93	6415		13.23	14.50
	802.11ax HEW40	3	5965	MCS0	15.54	16.50
		43	6165		14.74	15.50
		91	6405		15.70	16.50
	802.11ax HEW80	7	5985	MCS0	17.93	19.00
		39	6145		17.13	18.50
		87	6385		17.82	19.00
	802.11ax HEW160	15	6025	MCS0	20.55	21.50
		47	6185		20.16	21.00
		79	6345		20.64	21.50
	802.11be EHT20	1	5955	MCS0	13.10	14.50
		45	6175		12.48	13.50
		93	6415		13.41	14.50
	802.11be EHT40	3	5965	MCS0	15.76	17.00
		43	6165		15.06	16.50
		91	6405		15.97	17.00
	802.11be EHT80	7	5985	MCS0	18.46	19.50
		39	6145		18.25	19.50
		87	6385		18.99	20.00
	802.11be EHT160	15	6025	MCS0	20.84	22.00
		47	6185		20.48	22.00
		79	6345		21.01	22.00
802.11be EHT320	31	6105	MCS0	20.51	22.00	
	63	6265		20.77	22.00	
U - NII - 6 6.5GHz	802.11ax HEW20	97	6435	MCS0	13.24	14.50
		105	6475		13.23	14.00
		113	6515		13.10	14.00
	802.11ax HEW40	99	6445	MCS0	15.60	16.50
		107	6485		15.64	16.00
	802.11ax HEW80	103	6465	MCS0	17.25	18.00
		119	6545		17.20	18.00
	802.11ax HEW160	111	6505	MCS0	17.15	18.00
	802.11be EHT20	97	6435	MCS0	12.89	14.00
		105	6475		12.79	13.50
		113	6515		12.69	13.50
	802.11be EHT40	99	6445	MCS0	15.80	17.00
		107	6485		15.79	17.00



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	802.11be EHT80	103	6465	MCS0	17.75	19.00
		119	6545		17.43	18.00
	802.11be EHT160	111	6505	MCS0	17.35	18.00
	802.11be EHT320	95	6425	MCS0	17.82	19.00
U - NII - 7 6.7GHz	802.11ax HEW20	117	6535	MCS0	12.30	13.00
		149	6695		12.91	14.00
		181	6855		12.91	13.50
	802.11ax HEW40	115	6525	MCS0	15.74	16.50
		147	6685		15.27	16.00
		179	6845		15.58	16.00
	802.11ax HEW80	135	6625	MCS0	16.69	18.00
		151	6705		17.12	18.00
		167	6785		17.22	18.00
	802.11ax HEW160	143	6665	MCS0	16.96	18.00
		175	6825		17.19	18.00
	802.11be EHT20	117	6535	MCS0	12.53	13.50
		149	6695		12.56	13.50
		181	6855		13.08	14.00
	802.11be EHT40	115	6525	MCS0	15.71	16.50
		147	6685		15.50	16.50
		179	6845		16.16	17.00
	802.11be EHT80	135	6625	MCS0	17.75	18.00
		151	6705		17.68	18.00
		167	6785		17.83	18.00
	802.11be EHT160	143	6665	MCS0	17.36	18.00
		175	6825		17.27	18.00
	802.11be EHT320	127	6585	MCS0	17.39	18.00
		159	6745		18.11	19.00
U - NII - 8 7.0GHz	802.11ax HEW20	185	6875	MCS0	12.60	13.00
		209	6995		12.06	13.00
		233	7115		12.02	12.50
	802.11ax HEW40	187	6885	MCS0	15.68	16.50
		227	7085		15.29	16.00
	802.11ax HEW80	183	6865	MCS0	15.42	16.00
		199	6945		15.35	16.00
		215	7025		15.22	16.00
	802.11ax HEW160	207	6985	MCS0	15.42	16.00
	802.11be EHT20	185	6875	MCS0	13.21	14.00
		209	6995		12.42	13.50
		233	7115		12.47	13.50
	802.11be EHT40	187	6885	MCS0	16.10	17.00
		227	7085		15.29	16.00
	802.11be EHT80	183	6865	MCS0	16.41	17.00
		199	6945		16.08	17.00
		215	7025		16.15	17.00
	802.11be EHT160	207	6985	MCS0	16.17	17.00
	802.11be EHT320	191	6905	MCS0	16.05	17.00



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4 Conducted Power of Bluetooth

Ant 1		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	17.01	17.23	16.57	18.00
	$\pi/4$ DQPSK	13.88	14.03	13.06	15.00
	8DPSK	13.35	13.86	12.32	14.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	14.28	14.99	13.38	15.00
BLE 2M	GFSK	14.31	14.95	13.31	15.00

Ant 2		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	16.58	16.88	15.86	17.50
	$\pi/4$ DQPSK	13.53	13.85	12.85	14.00
	8DPSK	13.26	13.03	11.98	13.50
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	14.26	14.63	13.05	15.00
BLE 2M	GFSK	14.28	14.76	13.01	15.00