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Appendix E

Conducted RF Output Power

1 Conducted Power of WIFI and Bluetooth

1.1 Conducted Power of WIFI 2.4G

WIFI 2.4G Ant2 Full power					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.35	13.00
	6	2437		12.69	13.00
	11	2462		12.50	13.00
802.11g	1	2412	6	12.26	13.00
	6	2437		12.01	13.00
	11	2462		12.51	13.00
802.11n HT20	1	2412	6.5	11.52	12.00
	6	2437		11.63	12.00
	11	2462		11.72	12.00
802.11ax HE20	1	2412	MCS0	9.92	11.00
	6	2437		10.05	11.00
	11	2462		10.15	11.00

WIFI 2.4G Ant3 Full power					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	11.42	12.00
	6	2437		11.22	12.00
	11	2462		11.09	12.00
802.11g	1	2412	6	12.58	13.00
	6	2437		12.22	13.00
	11	2462		12.35	13.00
802.11n HT20	1	2412	6.5	11.81	12.00
	6	2437		11.15	12.00
	11	2462		11.47	12.00
802.11ax HE20	1	2412	MCS0	10.62	11.00
	6	2437		10.33	11.00
	11	2462		10.43	11.00

WIFI 2.4G MIMO Full power					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n HT20	1	2412	6.5	14.68	15.00
	6	2437		14.41	15.00
	11	2462		14.61	15.00
802.11ax HE20	1	2412	MCS0	13.29	14.00
	6	2437		13.20	14.00
	11	2462		13.30	14.00

1.2 Conducted Power of WIFI 5G

WIFI 5G Ant2 Full power					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	16.18	17.00
		40	5200	16.05	17.00
		48	5240	15.89	17.00
	802.11n HT20	36	5180	15.19	16.00
		40	5200	15.12	16.00
		48	5240	14.86	16.00
	802.11n HT40	38	5190	13.39	14.00
		46	5230	13.29	14.00
	802.11ac VHT80	42	5210	12.25	13.00
	802.11ax HE20	36	5180	14.17	15.00
		40	5200	14.21	15.00
		48	5240	13.84	15.00
	802.11ax HE40	38	5190	11.47	12.00
		46	5230	11.30	12.00
	802.11ax HE80	42	5210	11.11	12.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	16.42	17.00
		60	5300	16.69	17.00
		64	5320	16.66	17.00
	802.11n HT20	52	5260	15.39	16.00
		60	5300	15.71	16.00
		64	5320	15.64	16.00
	802.11n HT40	54	5270	14.38	15.00
		62	5310	14.31	15.00
	802.11ac VHT80	58	5290	13.35	14.00
	802.11ax HE20	52	5260	14.49	15.00
		60	5300	14.79	15.00
		64	5320	14.74	15.00
	802.11ax HE40	54	5270	12.46	13.00
		62	5310	12.27	13.00
	802.11ax HE80	58	5290	11.35	12.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	13.15	14.00
		116	5580	13.66	14.00
		140	5700	13.52	14.00
	802.11n HT20	100	5500	12.37	13.00
		116	5580	12.31	13.00
		140	5700	12.30	13.00
	802.11n HT40	102	5510	12.18	13.00
		110	5550	12.66	13.00
		134	5670	12.52	13.00
	802.11ac VHT80	106	5530	11.48	12.00
		122	5610	11.35	12.00
	802.11ax HE20	100	5500	11.06	12.00
		116	5580	11.41	12.00
		140	5700	11.33	12.00
	802.11ax HE40	102	5510	10.45	11.00
		110	5550	10.33	11.00
		134	5670	10.39	11.00
	802.11ax HE80	106	5530	9.30	10.00
		122	5610	9.25	10.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	18.11	19.00
		157	5785	18.20	19.00
		165	5825	17.98	19.00
	802.11n HT20	149	5745	17.95	19.00
		157	5785	18.02	19.00
		165	5825	17.86	19.00

	802.11n HT40	151	5755	18.28	19.00
		159	5795	18.05	19.00
	802.11ac VHT80	155	5775	15.49	16.00
	802.11ax HE20	149	5745	15.37	16.00
		157	5785	15.47	16.00
		165	5825	15.24	16.00
	802.11ax HE40	151	5755	15.22	16.00
		159	5795	15.15	16.00
	802.11ax HE80	155	5775	14.52	15.00

WIFI 5G Ant2 Sensor on					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	8.96	10.00
		40	5200	9.24	10.00
		48	5240	9.32	10.00
	802.11n HT20	36	5180	8.73	10.00
		40	5200	9.03	10.00
		48	5240	8.91	10.00
	802.11n HT40	38	5190	9.14	10.00
		46	5230	9.06	10.00
	802.11ac VHT80	42	5210	9.35	10.00
	802.11ax HE20	36	5180	8.81	10.00
		40	5200	9.28	10.00
		48	5240	9.05	10.00
	802.11ax HE40	38	5190	9.11	10.00
		46	5230	8.98	10.00
	802.11ax HE80	42	5210	9.11	10.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	9.34	10.00
		60	5300	9.47	10.00
		64	5320	9.53	10.00
	802.11n HT20	52	5260	9.17	10.00
		60	5300	9.38	10.00
		64	5320	9.51	10.00
	802.11n HT40	54	5270	9.37	10.00
		62	5310	9.35	10.00
	802.11ac VHT80	58	5290	9.63	10.00
	802.11ax HE20	52	5260	9.09	10.00
		60	5300	9.39	10.00
		64	5320	9.46	10.00
	802.11ax HE40	54	5270	9.24	10.00
		62	5310	9.35	10.00
	802.11ax HE80	58	5290	9.52	10.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	11.10	12.00
		116	5580	11.46	12.00
		140	5700	11.30	12.00
	802.11n HT20	100	5500	11.07	12.00
		116	5580	11.42	12.00
		140	5700	11.20	12.00
	802.11n HT40	102	5510	11.00	12.00
		110	5550	11.31	12.00
		134	5670	11.42	12.00
	802.11ac VHT80	106	5530	11.48	12.00
		122	5610	11.35	12.00
	802.11ax HE20	100	5500	11.06	12.00
		116	5580	11.41	12.00
		140	5700	11.33	12.00
	802.11ax HE40	102	5510	10.45	11.00
		110	5550	10.33	11.00
		134	5670	10.39	11.00

	802.11ax HE80	106	5530	9.30	10.00
		122	5610	9.25	10.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	15.38	16.00
		157	5785	15.28	16.00
		165	5825	15.27	16.00
	802.11n HT20	149	5745	15.43	16.00
		157	5785	15.23	16.00
		165	5825	15.33	16.00
	802.11n HT40	151	5755	15.34	16.00
		159	5795	15.46	16.00
	802.11ac VHT80	155	5775	15.49	16.00
	802.11ax HE20	149	5745	14.42	15.00
		157	5785	14.58	15.00
		165	5825	14.39	15.00
	802.11ax HE40	151	5755	15.22	16.00
		159	5795	15.15	16.00
	802.11ax HE80	155	5775	14.52	15.00

WIFI 5G Ant2 Sensor on For Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	7.01	8.00
		40	5200	7.22	8.00
		48	5240	7.11	8.00
	802.11n HT20	36	5180	6.91	8.00
		40	5200	6.98	8.00
		48	5240	7.27	8.00
	802.11n HT40	38	5190	7.03	8.00
		46	5230	6.96	8.00
	802.11ac VHT80	42	5210	7.34	8.00
	802.11ax HE20	36	5180	6.58	8.00
		40	5200	7.08	8.00
		48	5240	7.25	8.00
	802.11ax HE40	38	5190	7.07	8.00
		46	5230	7.11	8.00
	802.11ax HE80	42	5210	7.25	8.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	7.20	8.00
		60	5300	7.27	8.00
		64	5320	7.32	8.00
	802.11n HT20	52	5260	7.02	8.00
		60	5300	7.21	8.00
		64	5320	7.34	8.00
	802.11n HT40	54	5270	7.22	8.00
		62	5310	7.10	8.00
	802.11ac VHT80	58	5290	7.48	8.00
	802.11ax HE20	52	5260	6.83	8.00
		60	5300	7.32	8.00
		64	5320	7.34	8.00
	802.11ax HE40	54	5270	7.19	8.00
		62	5310	7.27	8.00
	802.11ax HE80	58	5290	7.37	8.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	8.95	10.00
		116	5580	9.06	10.00
		140	5700	8.88	10.00
	802.11n HT20	100	5500	8.98	10.00
		116	5580	9.23	10.00
		140	5700	9.21	10.00
	802.11n	102	5510	9.13	10.00

	HT40	110	5550	9.25	10.00
		134	5670	9.00	10.00
	802.11ac VHT80	106	5530	9.31	10.00
		122	5610	9.03	10.00
	802.11ax HE20	100	5500	9.05	10.00
		116	5580	9.04	10.00
		140	5700	9.22	10.00
	802.11ax HE40	102	5510	9.23	10.00
		110	5550	8.92	10.00
		134	5670	8.86	10.00
802.11ax HE80	106	5530	9.30	10.00	
	122	5610	9.25	10.00	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	13.14	14.00
		157	5785	12.95	14.00
		165	5825	13.24	14.00
	802.11n HT20	149	5745	13.20	14.00
		157	5785	13.17	14.00
		165	5825	13.16	14.00
	802.11n HT40	151	5755	12.96	14.00
		159	5795	13.06	14.00
	802.11ac VHT80	155	5775	13.30	14.00
	802.11ax HE20	149	5745	13.16	14.00
		157	5785	13.24	14.00
		165	5825	13.15	14.00
	802.11ax HE40	151	5755	13.16	14.00
		159	5795	13.14	14.00
	802.11ax HE80	155	5775	13.20	14.00

WIFI 5G Ant3 Full power					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	14.34	16.00
		40	5200	14.52	16.00
		48	5240	15.22	16.00
	802.11n HT20	36	5180	13.42	15.00
		40	5200	13.59	15.00
		48	5240	14.27	15.00
	802.11n HT40	38	5190	11.37	12.00
		46	5230	11.52	12.00
	802.11ac VHT80	42	5210	10.58	11.00
	802.11ax HE20	36	5180	12.43	13.00
		40	5200	12.58	13.00
		48	5240	13.24	14.00
	802.11ax HE40	38	5190	9.46	10.00
		46	5230	9.47	10.00
	802.11ax HE80	42	5210	9.36	10.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	15.44	16.00
		60	5300	15.67	16.00
		64	5320	15.59	16.00
	802.11n HT20	52	5260	14.47	15.00
		60	5300	14.74	15.00
		64	5320	14.56	15.00
	802.11n HT40	54	5270	12.32	13.00
		62	5310	12.52	13.00
	802.11ac VHT80	58	5290	11.39	12.00
	802.11ax HE20	52	5260	13.52	14.00
		60	5300	13.75	14.00
		64	5320	13.54	14.00
	802.11ax HE40	54	5270	10.38	11.00
		62	5310	10.60	11.00
	802.11ax	58	5290	9.55	10.00

		HE80					
5GHz				Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	11.72	13.00		
		116	5580	12.25	13.00		
		140	5700	11.96	13.00		
	802.11n HT20	100	5500	10.62	12.00		
		116	5580	11.02	12.00		
		140	5700	10.89	12.00		
	802.11n HT40	102	5510	10.75	12.00		
		110	5550	11.32	12.00		
		134	5670	11.02	12.00		
	802.11ac VHT80	106	5530	10.11	11.00		
		122	5610	9.86	11.00		
	802.11ax HE20	100	5500	9.43	11.00		
		116	5580	9.94	11.00		
		140	5700	9.61	11.00		
	802.11ax HE40	102	5510	8.56	10.00		
		110	5550	8.84	10.00		
		134	5670	8.66	10.00		
	802.11ax HE80	106	5530	7.42	9.00		
122		5610	7.49	9.00			
5GHz				Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	16.05	17.00		
		157	5785	16.11	17.00		
		165	5825	15.99	17.00		
	802.11n HT20	149	5745	15.96	17.00		
		157	5785	16.05	17.00		
		165	5825	16.01	17.00		
	802.11n HT40	151	5755	16.25	17.00		
		159	5795	16.05	17.00		
	802.11ac VHT80	155	5775	13.92	15.00		
	802.11ax HE20	149	5745	14.94	16.00		
		157	5785	15.04	16.00		
		165	5825	15.04	16.00		
	802.11ax HE40	151	5755	13.87	15.00		
		159	5795	13.68	15.00		
	802.11ax HE80	155	5775	12.48	14.00		

WIFI 5G Ant3 Full power For Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	7.96	9.00
		40	5200	8.25	9.00
		48	5240	8.14	9.00
	802.11n HT20	36	5180	7.92	9.00
		40	5200	8.21	9.00
		48	5240	8.13	9.00
	802.11n HT40	38	5190	8.03	9.00
		46	5230	7.90	9.00
	802.11ac VHT80	42	5210	8.39	9.00
	802.11ax HE20	36	5180	8.29	9.00
		40	5200	8.29	9.00
		48	5240	8.07	9.00
	802.11ax HE40	38	5190	8.06	9.00
		46	5230	8.05	9.00
	802.11ax HE80	42	5210	8.32	9.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	8.17	9.00
		60	5300	8.41	9.00
		64	5320	8.24	9.00
	802.11n HT20	52	5260	8.24	9.00
		60	5300	8.55	9.00
		64	5320	8.39	9.00

	802.11n HT40	54	5270	8.30	9.00
		62	5310	8.26	9.00
	802.11ac VHT80	58	5290	8.57	9.00
	802.11ax HE20	52	5260	8.49	9.00
		60	5300	8.43	9.00
		64	5320	8.38	9.00
	802.11ax HE40	54	5270	8.12	9.00
		62	5310	8.38	9.00
	802.11ax HE80	58	5290	8.46	9.00
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)
5GHz UNII-2C	802.11a	100	5500	9.36	11.00
		116	5580	9.98	11.00
		140	5700	9.69	11.00
	802.11n HT20	100	5500	9.44	11.00
		116	5580	10.01	11.00
		140	5700	9.69	11.00
	802.11n HT40	102	5510	9.63	11.00
		110	5550	10.07	11.00
		134	5670	9.55	11.00
	802.11ac VHT80	106	5530	10.11	11.00
		122	5610	9.86	11.00
	802.11ax HE20	100	5500	9.43	11.00
		116	5580	9.94	11.00
		140	5700	9.61	11.00
	802.11ax HE40	102	5510	8.56	10.00
		110	5550	8.84	10.00
		134	5670	8.66	10.00
	802.11ax HE80	106	5530	7.42	9.00
122		5610	7.49	9.00	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	13.81	15.00
		157	5785	13.91	15.00
		165	5825	13.90	15.00
	802.11n HT20	149	5745	13.79	15.00
		157	5785	13.90	15.00
		165	5825	13.69	15.00
	802.11n HT40	151	5755	13.75	15.00
		159	5795	13.82	15.00
	802.11ac VHT80	155	5775	13.92	15.00
	802.11ax HE20	149	5745	13.73	15.00
		157	5785	13.90	15.00
		165	5825	13.78	15.00
	802.11ax HE40	151	5755	13.87	15.00
		159	5795	13.68	15.00
	802.11ax HE80	155	5775	12.48	14.00

WIFI 5G Ant3 Sensor on For Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	5.69	7.00
		40	5200	6.24	7.00
		48	5240	6.02	7.00
	802.11n HT20	36	5180	5.80	7.00
		40	5200	6.08	7.00
		48	5240	6.07	7.00
	802.11n HT40	38	5190	5.98	7.00
		46	5230	5.83	7.00
	802.11ac VHT80	42	5210	6.32	7.00
	802.11ax HE20	36	5180	6.29	7.00
		40	5200	5.94	7.00
		48	5240	6.05	7.00
	802.11ax HE40	38	5190	5.73	7.00
		46	5230	6.06	7.00

	802.11ax HE80	42	5210	6.15	7.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	5.92	7.00
		60	5300	6.32	7.00
		64	5320	6.13	7.00
	802.11n HT20	52	5260	5.99	7.00
		60	5300	6.30	7.00
		64	5320	6.17	7.00
	802.11n HT40	54	5270	6.14	7.00
		62	5310	6.00	7.00
	802.11ac VHT80	58	5290	6.49	7.00
	802.11ax HE20	52	5260	6.39	7.00
		60	5300	6.17	7.00
		64	5320	6.26	7.00
	802.11ax HE40	54	5270	5.89	7.00
		62	5310	6.26	7.00
	802.11ax HE80	58	5290	6.27	7.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	7.64	9.00
		116	5580	7.80	9.00
		140	5700	7.51	9.00
	802.11n HT20	100	5500	7.67	9.00
		116	5580	7.82	9.00
		140	5700	7.56	9.00
	802.11n HT40	102	5510	7.61	9.00
		110	5550	7.72	9.00
		134	5670	7.81	9.00
	802.11ac VHT80	106	5530	7.87	9.00
		122	5610	7.63	9.00
	802.11ax HE20	100	5500	7.64	9.00
		116	5580	7.80	9.00
		140	5700	7.86	9.00
	802.11ax HE40	102	5510	7.58	9.00
		110	5550	7.72	9.00
		134	5670	7.62	9.00
	802.11ax HE80	106	5530	7.42	9.00
122		5610	7.49	9.00	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	11.66	13.00
		157	5785	11.71	13.00
		165	5825	11.81	13.00
	802.11n HT20	149	5745	11.55	13.00
		157	5785	11.81	13.00
		165	5825	11.63	13.00
	802.11n HT40	151	5755	11.68	13.00
		159	5795	11.55	13.00
	802.11ac VHT80	155	5775	11.82	13.00
	802.11ax HE20	149	5745	11.76	13.00
		157	5785	11.80	13.00
		165	5825	11.81	13.00
	802.11ax HE40	151	5755	11.64	13.00
		159	5795	11.65	13.00
	802.11ax HE80	155	5775	11.75	13.00

WIFI 5G MIMO Full power					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	/	/
		40	5200	/	/
		48	5240	/	/
	802.11n HT20	36	5180	17.40	19.00
		40	5200	17.43	19.00

		48	5240	17.59	19.00
	802.11n HT40	38	5190	15.51	17.00
		46	5230	15.50	17.00
	802.11ac VHT80	42	5210	14.51	16.00
	802.11ax HE20	36	5180	16.40	18.00
		40	5200	16.48	18.00
		48	5240	16.56	18.00
	802.11ax HE40	38	5190	13.59	15.00
		46	5230	13.49	15.00
	802.11ax HE80	42	5210	13.33	15.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT20	52	5260	17.96	19.00
		60	5300	18.26	19.00
		64	5320	18.14	19.00
	802.11n HT40	54	5270	16.48	18.00
		62	5310	16.52	18.00
	802.11ac VHT80	58	5290	15.49	17.00
	802.11ax HE20	52	5260	17.04	18.00
		60	5300	17.31	18.00
		64	5320	17.19	18.00
	802.11ax HE40	54	5270	14.55	16.00
		62	5310	14.53	16.00
	802.11ax HE80	58	5290	13.55	15.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	/	/
		116	5580	/	/
		140	5700	/	/
	802.11n HT20	100	5500	14.59	16.00
		116	5580	14.72	16.00
		140	5700	14.66	16.00
	802.11n HT40	102	5510	14.53	16.00
		110	5550	15.05	16.00
		134	5670	14.84	16.00
	802.11ac VHT80	106	5530	13.86	15.00
		122	5610	13.68	15.00
	802.11ax HE20	100	5500	13.33	15.00
		116	5580	13.75	15.00
		140	5700	13.56	15.00
	802.11ax HE40	102	5510	12.62	14.00
		110	5550	12.66	14.00
		134	5670	12.62	14.00
	802.11ax HE80	106	5530	11.47	13.00
122		5610	11.47	13.00	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	/	/
		157	5785	/	/
		165	5825	/	/
	802.11n HT20	149	5745	20.08	22.00
		157	5785	20.16	22.00
		165	5825	20.04	22.00
	802.11n HT40	151	5755	20.39	22.00
		159	5795	20.17	22.00
	802.11ac VHT80	155	5775	17.79	19.00
	802.11ax HE20	149	5745	18.17	19.00
		157	5785	18.27	19.00
		165	5825	18.15	19.00
	802.11ax HE40	151	5755	17.61	19.00
		159	5795	17.49	19.00
	802.11ax HE80	155	5775	16.63	18.00

WIFI 5G MIMO Sensor on					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	/	/
		40	5200	/	/
		48	5240	/	/
	802.11n HT20	36	5180	11.35	13.00
		40	5200	11.65	13.00
		48	5240	11.55	13.00
	802.11n HT40	38	5190	11.63	13.00
		46	5230	11.53	13.00
	802.11ac VHT80	42	5210	11.91	13.00
	802.11ax HE20	36	5180	11.57	13.00
		40	5200	11.82	13.00
		48	5240	11.60	13.00
	802.11ax HE40	38	5190	11.63	13.00
		46	5230	11.55	13.00
	802.11ax HE80	42	5210	11.74	13.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT20	52	5260	11.74	13.00
		60	5300	12.00	13.00
		64	5320	12.00	13.00
	802.11n HT40	54	5270	11.88	13.00
		62	5310	11.85	13.00
	802.11ac VHT80	58	5290	12.14	13.00
	802.11ax HE20	52	5260	11.81	13.00
		60	5300	11.95	13.00
		64	5320	11.96	13.00
	802.11ax HE40	54	5270	11.73	13.00
		62	5310	11.90	13.00
	802.11ax HE80	58	5290	12.03	13.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	/	/
		116	5580	/	/
		140	5700	/	/
	802.11n HT20	100	5500	13.34	15.00
		116	5580	13.78	15.00
		140	5700	13.52	15.00
	802.11n HT40	102	5510	13.38	15.00
		110	5550	13.74	15.00
		134	5670	13.60	15.00
	802.11ac VHT80	106	5530	13.86	15.00
		122	5610	13.68	15.00
	802.11ax HE20	100	5500	13.33	15.00
		116	5580	13.75	15.00
		140	5700	13.56	15.00
	802.11ax HE40	102	5510	12.62	14.00
		110	5550	12.66	14.00
		134	5670	12.62	14.00
	802.11ax HE80	106	5530	11.47	13.00
		122	5610	11.47	13.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	/	/
		157	5785	/	/
		165	5825	/	/
	802.11n HT20	149	5745	17.70	19.00
		157	5785	17.63	19.00
		165	5825	17.60	19.00
	802.11n	151	5755	17.63	19.00

	HT40	159	5795	17.73	19.00
	802.11ac VHT80	155	5775	17.79	19.00
	802.11ax HE20	149	5745	17.10	18.00
		157	5785	17.26	18.00
		165	5825	17.11	18.00
	802.11ax HE40	151	5755	17.61	19.00
		159	5795	17.49	19.00
	802.11ax HE80	155	5775	16.63	18.00

WIFI 5G MIMO Sensor on For Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	/	/
		40	5200	/	/
		48	5240	/	/
	802.11n HT20	36	5180	9.40	11.00
		40	5200	9.56	11.00
		48	5240	9.72	11.00
	802.11n HT40	38	5190	9.55	11.00
		46	5230	9.44	11.00
	802.11ac VHT80	42	5210	9.87	11.00
	802.11ax HE20	36	5180	9.45	11.00
		40	5200	9.56	11.00
		48	5240	9.70	11.00
	802.11ax HE40	38	5190	9.46	11.00
		46	5230	9.63	11.00
	802.11ax HE80	42	5210	9.75	11.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT20	52	5260	9.55	11.00
		60	5300	9.79	11.00
		64	5320	9.80	11.00
	802.11n HT40	54	5270	9.72	11.00
		62	5310	9.60	11.00
	802.11ac VHT80	58	5290	10.02	11.00
	802.11ax HE20	52	5260	9.63	11.00
		60	5300	9.79	11.00
		64	5320	9.84	11.00
	802.11ax HE40	54	5270	9.60	11.00
		62	5310	9.80	11.00
	802.11ax HE80	58	5290	9.87	11.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	/	/
		116	5580	/	/
		140	5700	/	/
	802.11n HT20	100	5500	11.38	13.00
		116	5580	11.59	13.00
		140	5700	11.47	13.00
	802.11n HT40	102	5510	11.45	13.00
		110	5550	11.56	13.00
		134	5670	11.46	13.00
	802.11ac VHT80	106	5530	11.66	13.00
		122	5610	11.40	13.00
	802.11ax HE20	100	5500	11.41	13.00
		116	5580	11.47	13.00
		140	5700	11.60	13.00
	802.11ax HE40	102	5510	11.49	13.00
		110	5550	11.37	13.00
		134	5670	11.29	13.00
	802.11ax	106	5530	11.47	13.00



	HE80	122	5610	11.47	13.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	/	/
		157	5785	/	/
		165	5825	/	/
	802.11n HT20	149	5745	15.46	17.00
		157	5785	15.55	17.00
		165	5825	15.47	17.00
	802.11n HT40	151	5755	15.38	17.00
		159	5795	15.38	17.00
	802.11ac VHT80	155	5775	15.63	17.00
	802.11ax HE20	149	5745	15.53	17.00
		157	5785	15.59	17.00
		165	5825	15.54	17.00
	802.11ax HE40	151	5755	15.48	17.00
		159	5795	15.47	17.00
	802.11ax HE80	155	5775	15.55	17.00

1.3 Conducted Power of WIFI 6E

WIFI 6E Full power				ANT2		ANT3		MIMO	
mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up
802.11ax (HE20)	1	5955	MCS0	8.47	9.5	8.27	9.5	11.38	12.5
	97	6435		8.66	10	8.41	9.5	11.55	13
	117	6535		8.48	9.5	8.19	9.5	11.35	12.5
	189	6895		-2.18	-1	-2.43	-1	0.71	2
	233	7115		-4.65	-3.5	-4.88	-3.5	-1.75	-0.5
802.11ax (HE40)	3	5965	MCS0	9.26	10.5	9.03	10.5	12.16	13.5
	99	6445		9.44	10.5	9.19	10.5	12.33	13.5
	147	6685		9.63	11	9.38	10.5	12.52	14
	195	6925		9.30	10.5	9.05	10.5	12.19	13.5
	227	7085		9.75	11	9.47	10.5	12.62	14
802.11ax (HE80)	7	5985	MCS0	9.53	11	9.29	10.5	12.42	13.5
	103	6465		10.05	11	9.91	11	12.99	14
	151	6705		9.68	11	9.47	10.5	12.59	14
	199	6945		9.30	10.5	9.03	10.5	12.18	13.5
	215	7025		9.90	11	9.61	11	12.77	14

1.4 Conducted Power of Bluetooth

BT ANT2 Full power		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	10.36	10.95	9.45	11.00
	$\pi/4$ DQPSK	7.00	7.63	6.43	8.00
	8DPSK	6.93	7.56	6.13	8.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	10.33	10.62	9.25	11.00
Band	Channel	0	19	39	Tune up
BLE 2M	GFSK	10.25	10.92	9.36	11.00

- End of the Appendix -