



Report No.: SUCR260800072903

Page: 1 of 4

Appendix E

Conducted RF Output Power

1.1 Conducted Power of 5G WIFI

WIFI 5G Ant 1					
5GHz		Channel	Frequency (MHz)	Average Power (dBm)	Tune up (dBm)
5GHz U-NII-1	802.11a	36	5180	8.01	8.50
		40	5200	7.96	8.50
		48	5240	8.03	8.50
	802.11n HT20	36	5180	8.18	9.00
		40	5200	8.37	9.00
		48	5240	8.50	9.00
	802.11n HT40	38	5190	11.22	11.50
		46	5230	11.48	11.50
	802.11ac VHT20	36	5180	8.28	9.00
		40	5200	8.23	9.00
		48	5240	8.41	9.00
	802.11ac VHT40	38	5190	11.07	11.50
		46	5230	11.30	11.50
	802.11ac VHT80	42	5210	14.47	15.00
	802.11ax HE20	36	5180	8.60	9.00
		40	5200	8.58	9.00
		48	5240	8.31	9.00
	802.11ax HE40	38	5190	11.58	12.00
		46	5230	11.75	12.00
	802.11ax HE80	42	5210	14.65	15.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	17.58	18.00
		157	5785	17.30	18.00
		165	5825	16.93	18.00
	802.11n HT20	149	5745	17.51	18.00
		157	5785	17.01	18.00
		165	5825	16.68	18.00
	802.11n HT40	151	5755	17.91	18.00
		159	5795	17.46	18.00
	802.11ac VHT20	149	5745	17.53	18.00
		157	5785	17.07	18.00
		165	5825	16.79	18.00
	802.11ac VHT40	151	5755	18.24	19.00
		159	5795	17.68	19.00
	802.11ac VHT80	155	5775	18.89	19.50
	802.11ax HE20	149	5745	16.06	17.00
		157	5785	15.26	17.00
		165	5825	15.30	17.00
	802.11ax HE40	151	5755	18.14	18.00
		159	5795	17.72	18.00
	802.11ax HE80	155	5775	18.80	19.50

WIFI 5G Ant 2					
5GHz		Channel	Frequency (MHz)	Average Power (dBm)	Tune up (dBm)
5GHz U-NII-1	802.11a	36	5180	7.80	8.00
		40	5200	7.68	8.00
		48	5240	7.87	8.00
	802.11n HT20	36	5180	8.08	9.00
		40	5200	7.97	9.00
		48	5240	8.18	9.00
	802.11n HT40	38	5190	10.75	11.00
		46	5230	10.85	11.00
	802.11ac VHT20	36	5180	8.09	9.00
		40	5200	7.94	9.00
		48	5240	8.21	9.00
	802.11ac VHT40	38	5190	10.71	11.00
		46	5230	10.84	11.00
	802.11ac VHT80	42	5210	14.24	15.00
	802.11ax HE20	36	5180	8.43	9.00
		40	5200	8.32	9.00
		48	5240	8.03	9.00
	802.11ax HE40	38	5190	11.25	12.00
		46	5230	11.34	12.00
	802.11ax HE80	42	5210	14.42	15.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	17.65	18.00
		157	5785	17.58	18.00
		165	5825	17.50	18.00
	802.11n HT20	149	5745	17.75	18.00
		157	5785	17.52	18.00
		165	5825	17.45	18.00
	802.11n HT40	151	5755	18.10	19.00
		159	5795	17.76	19.00
	802.11ac VHT20	149	5745	17.66	18.00
		157	5785	17.51	18.00
		165	5825	17.33	18.00
	802.11ac VHT40	151	5755	18.63	19.00
		159	5795	18.40	19.00
	802.11ac VHT80	155	5775	19.46	19.50
	802.11ax HE20	149	5745	16.22	17.00
		157	5785	15.92	17.00
		165	5825	15.89	17.00
	802.11ax HE40	151	5755	18.60	19.00
		159	5795	18.37	19.00
	802.11ax HE80	155	5775	19.33	19.50

WIFI 5G MIMO					
5GHz		Channel	Frequency (MHz)	Average Power (dBm)	Tune up (dBm)
5GHz U-NII-1	802.11a	36	5180	10.92	11.00
		40	5200	10.83	11.00
		48	5240	10.96	11.00
	802.11n HT20	36	5180	11.14	12.00
		40	5200	11.18	12.00
		48	5240	11.35	12.00
	802.11n HT40	38	5190	14.00	15.00
		46	5230	14.19	15.00
	802.11ac VHT20	36	5180	11.20	12.00
		40	5200	11.10	12.00
		48	5240	11.32	12.00
	802.11ac VHT40	38	5190	13.90	14.50
		46	5230	14.09	14.50
	802.11ac VHT80	42	5210	17.37	18.00
	802.11ax HE20	36	5180	11.53	12.00
		40	5200	11.46	12.00
		48	5240	11.18	12.00
	802.11ax HE40	38	5190	14.43	15.00
		46	5230	14.56	15.00
	802.11ax HE80	42	5210	17.55	18.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	20.63	21.00
		157	5785	20.45	21.00
		165	5825	20.23	21.00
	802.11n HT20	149	5745	20.64	21.00
		157	5785	20.28	21.00
		165	5825	20.09	21.00
	802.11n HT40	151	5755	21.02	21.50
		159	5795	20.62	21.50
	802.11ac VHT20	149	5745	20.61	21.00
		157	5785	20.31	21.00
		165	5825	20.08	21.00
	802.11ac VHT40	151	5755	21.45	22.00
		159	5795	21.07	22.00
	802.11ac VHT80	155	5775	22.19	22.50
	802.11ax HE20	149	5745	19.15	20.00
		157	5785	18.61	20.00
		165	5825	18.62	20.00
	802.11ax HE40	151	5755	21.39	22.00
		159	5795	21.07	22.00
	802.11ax HE80	155	5775	22.08	22.50

- End of the Appendix -