

Appendix E

Conducted RF Output Power

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1 Conducted Power of WIFI and Bluetooth
1.1 Conducted Power of 2.4G WIFI

WIFI 2.4G					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.90	18.50
	6	2437		17.95	18.50
	11	2462		17.82	18.50
802.11g	1	2412	6	14.85	15.50
	6	2437		14.90	15.50
	11	2462		14.93	15.50
802.11n HT20	1	2412	6.5	13.70	15.00
	6	2437		13.88	15.00
	11	2462		13.90	15.00



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1.2 Conducted Power of 5G WIFI

WIFI 5G					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	16.91	17.50
		40	5200	16.72	17.50
		44	5220	16.86	17.50
		48	5240	16.83	17.50
	802.11n HT20	36	5180	13.98	14.50
		40	5200	13.85	14.50
		44	5220	13.94	14.50
		48	5240	13.98	14.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	16.91	17.50
		153	5765	16.84	17.50
		157	5785	16.89	17.50
		161	5805	16.90	17.50
		165	5825	16.94	17.50
	802.11n HT20	149	5745	13.92	14.50
		153	5765	13.88	14.50
		157	5785	13.99	14.50
		161	5805	13.84	14.50
		165	5825	13.93	14.50



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1.3 Conducted Power of Bluetooth

Average Conducted Power(dBm)					Tune up
Band	Channel	0	39	78	
BT	GFSK	10.26	11.07	10.05	11.50
	$\pi/4$ DQPSK	9.22	9.97	9.06	10.50
	8DPSK	9.26	10.01	9.11	10.50
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	10.16	10.99	9.46	11.00
BLE 2M	GFSK	10.20	10.99	9.29	11.00

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