

Appendix E. Output Power Measurement

<Bluetooth Conducted Power>

【Bluetooth】

Mode	Channel	Frequency (MHz)	Ant 1		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	13.65	14.50	76.99
	39	2441	14.30	15.00	
	78	2480	13.57	14.50	
BR / EDR 2Mbps	0	2402	12.18	13.00	76.99
	39	2441	12.28	13.00	
	78	2480	11.94	13.00	
BR / EDR 3Mbps	0	2402	11.94	13.00	76.99
	39	2441	12.49	13.00	
	78	2480	12.29	13.00	
LE 1Mbps	0	2402	7.79	9.00	62.62
	19	2440	7.88	9.00	
	39	2480	8.41	9.00	
LE 2Mbps	0	2402	7.98	9.00	32.91
	19	2440	8.10	9.00	
	39	2480	8.67	9.00	

<WLAN Conducted Power>

【2.4GHz WLAN】

Mode	Channel	Frequency (MHz)	Ant 1		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	14.63	15.50	98.72
	6	2437	14.76	15.50	
	11	2462	14.89	15.50	
802.11g 6Mbps	1	2412	13.63	14.50	98.10
	6	2437	13.60	14.50	
	11	2462	13.91	15.00	
802.11n-HT20 MCS0	1	2412	12.76	13.50	98.21
	6	2437	12.53	13.50	
	11	2462	12.72	13.50	
802.11n-HT40 MCS0	3	2422	12.77	13.50	95.00
	6	2437	12.68	13.50	
	9	2452	12.51	13.50	

【5.2GHz WLAN】

Mode	Channel	Frequency (MHz)	Ant 1		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	12.16	13.00	97.94
	40	5200	12.15	13.00	
	44	5220	12.17	13.00	
	48	5240	12.07	13.00	
802.11n-HT20 MCS0	36	5180	11.86	13.00	98.16
	40	5200	11.89	13.00	
	44	5220	11.99	13.00	
	48	5240	11.82	13.00	
802.11n-HT40 MCS0	38	5190	8.92	10.00	96.32
	46	5230	8.81	10.00	
802.11ac-VHT20 MCS0	36	5180	10.85	12.00	98.15
	40	5200	10.97	12.00	
	44	5220	10.96	12.00	
	48	5240	10.81	12.00	
802.11ac-VHT40 MCS0	38	5190	8.91	10.00	96.32
	46	5230	8.80	10.00	
802.11ac-VHT80 MCS0	42	5210	8.56	10.00	92.49

【5.3GHz WLAN】

Mode	Channel	Frequency (MHz)	Ant 1		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	12.34	13.00	97.94
	56	5280	12.02	13.00	
	60	5300	11.46	12.50	
	64	5320	11.55	12.50	
802.11n-HT20 MCS0	52	5260	11.86	13.00	98.16
	56	5280	11.74	13.00	
	60	5300	11.59	12.50	
	64	5320	11.70	12.50	
802.11n-HT40 MCS0	54	5270	8.67	10.00	96.32
	62	5310	8.96	10.00	
802.11ac-VHT20 MCS0	52	5260	10.89	12.00	98.15
	56	5280	10.78	12.00	
	60	5300	10.65	12.00	
	64	5320	10.74	12.00	
802.11ac-VHT40 MCS0	54	5270	8.69	10.00	96.32
	62	5310	8.98	10.00	
802.11ac-VHT80 MCS0	58	5290	8.88	10.00	92.49

【5.5GHz WLAN】

Mode	Channel	Frequency (MHz)	Ant 1		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	13.90	15.00	97.94
	116	5580	13.83	15.00	
	124	5620	13.73	15.00	
	132	5660	13.70	15.00	
	144	5720	13.46	14.50	
802.11n-HT20 MCS0	100	5500	11.92	13.00	98.16
	116	5580	11.78	13.00	
	124	5620	11.53	13.00	
	132	5660	11.97	13.00	
802.11n-HT40 MCS0	144	5720	11.53	13.00	96.32
	102	5510	8.77	10.00	
	110	5550	8.96	10.00	
	126	5630	8.98	10.00	
	134	5670	8.90	10.00	
802.11ac-VHT20 MCS0	142	5710	8.51	9.50	98.15
	100	5500	10.85	12.00	
	116	5580	10.80	12.00	
	124	5620	10.95	12.00	
	132	5660	10.97	12.00	
802.11ac-VHT40 MCS0	144	5720	10.51	11.50	96.32
	102	5510	8.82	10.00	
	110	5550	8.67	10.00	
	126	5630	8.94	10.00	
	134	5670	8.95	10.00	
802.11ac-VHT80 MCS0	142	5710	8.94	10.00	92.49
	106	5530	8.73	10.00	
	122	5610	8.72	10.00	
	138	5690	8.68	10.00	

【5.8GHz WLAN】

Mode	Channel	Frequency (MHz)	Ant 1		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	13.74	15.00	97.94
	157	5785	13.63	15.00	
	165	5825	13.84	15.00	
802.11n-HT20 MCS0	149	5745	11.53	13.00	98.16
	157	5785	11.60	13.00	
	165	5825	11.95	13.00	
802.11n-HT40 MCS0	151	5755	8.68	10.00	96.32
	159	5795	8.97	10.00	
802.11ac-VHT20 MCS0	149	5745	10.89	12.00	98.15
	157	5785	10.57	12.00	
	165	5825	10.56	12.00	
802.11ac-VHT40 MCS0	151	5755	8.78	10.00	96.32
	159	5795	8.65	10.00	
802.11ac-VHT80 MCS0	155	5775	8.91	10.00	92.49