

Appendix A. Test Data

Duty Cycle						
Band	Frequency (MHz)	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
BLE 1M	2402	2.192	2.504	87.540	0.578	0.456
BLE 2M	2402	1.136	1.880	60.426	2.188	0.880

Maximum Conducted Output Power Measurement						
Test Mode	Frequency (MHz)	Average Power		Peak Power		Power Limit
		dBm	W	dBm	W	dBm
BLE 1M	2402	17.68	0.0586	17.71	0.0590	30.00
BLE 1M	2440	17.62	0.0578	17.67	0.0585	30.00
BLE 1M	2480	13.50	0.0224	13.55	0.0226	30.00
BLE 2M	2402	17.72	0.0592	17.77	0.0598	30.00
BLE 2M	2440	17.65	0.0582	17.69	0.0587	30.00
BLE 2M	2480	9.89	0.0097	9.98	0.0100	30.00

Note: The relevant measured result has the offset with cable loss already.

6 dB Bandwidth and 99 % Occupied Bandwidth

Test mode	Frequency	99 % Occupied Bandwidth	6 dB Bandwidth	6 dB Limit
	(MHz)	(MHz)	(kHz)	(kHz)
BLE 1M	2402	1.024	645.2000	≥ 500
BLE 1M	2440	1.023	644.7000	≥ 500
BLE 1M	2480	1.026	645.4000	≥ 500
BLE 2M	2402	2.078	1103.0000	≥ 500
BLE 2M	2440	2.083	1102.0000	≥ 500
BLE 2M	2480	2.094	1101.0000	≥ 500

Maximum Power Density Measurement

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	4.000	≤ 8
BLE 1M	2440	3.910	≤ 8
BLE 1M	2480	-0.910	≤ 8
BLE 2M	2402	1.890	≤ 8
BLE 2M	2440	2.660	≤ 8
BLE 2M	2480	-6.110	≤ 8