

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	2.176	2.504	86.901	0.610	0.460

Maximum Conducted Output Power Measurement								
Test Mode	Frequency (MHz)	Average Power		Peak Power		Power Limit	RF Power setting in Test Software	Test Software Version
		dBm	W	dBm	W	dBm		
BLE 1M	2402	4.19	0.0026	4.66	0.0029	30.00	2.00	FCC Assist 1.0.4
BLE 1M	2440	4.64	0.0029	5.08	0.0032	30.00	2.00	
BLE 1M	2480	4.92	0.0031	5.34	0.0034	30.00	2.00	

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	1.033	669.1000	≥ 500
BLE 1M	2440	1.033	670.3000	≥ 500
BLE 1M	2480	1.042	669.7000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-11.857	≤ 8
BLE 1M	2440	-11.873	≤ 8
BLE 1M	2480	-10.794	≤ 8