

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	30.0	30.0	100.000	0.000	0.010

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			
BLE 1M	2402	0.38	0.0011	0.49	0.0011	30.00	2.00	SmartRF Studio 7
BLE 1M	2440	-0.03	0.0010	0.08	0.0010	30.00	2.00	
BLE 1M	2480	-0.63	0.0009	-0.48	0.0009	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	1.0916	701.3	≥ 500
BLE 1M	2440	1.0859	715.6	≥ 500
BLE 1M	2480	1.0942	711.0	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-13.15	≤ 8
BLE 1M	2440	-13.69	≤ 8
BLE 1M	2480	-14.14	≤ 8