

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	0.430	0.620	69.355	1.589	2.326

Maximum Conducted Output Power Measurement						
Test Mode	Frequency (MHz)	Average Power		Power Limit	RF Power setting in Test Software	Test Software Version
		dBm	W	dBm		
BLE 1M	2402	4.98	0.0031	30.00	Default	Putty
BLE 1M	2440	5.11	0.0032	30.00	Default	
BLE 1M	2480	4.52	0.0028	30.00	Default	

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	1.064	722.5000	≥ 500
BLE 1M	2440	1.064	719.1000	≥ 500
BLE 1M	2480	1.065	720.3000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-7.770	≤ 8
BLE 1M	2440	-7.670	≤ 8
BLE 1M	2480	-7.980	≤ 8