

Appendix A. Test Data

Duty Cycle						
Band	Frequency (MHz)	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimun VBW (kHz)
BLE 1M	2402	2.240	2.296	97.561	0.107	0.446

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	1.13	0.0013	1.72	0.0015	30.00	Default	Engineering mode
BLE 1M	2440	0.77	0.0012	1.36	0.0014	30.00	Default	
BLE 1M	2480	0.05	0.0010	0.48	0.0011	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	1.0552	673.6	≥ 500
BLE 1M	2440	1.0753	706.1	≥ 500
BLE 1M	2480	1.0727	708.2	≥ 500

Maximum Power Density Measurement

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-11.10	≤ 8
BLE 1M	2440	-11.19	≤ 8
BLE 1M	2480	-11.64	≤ 8