

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	0.110	0.624	17.628	7.538	9.091

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	4.88	0.0031	6.34	0.0043	30.00	18.00	Tera Term/4.106
BLE 1M	2440	4.37	0.0027	5.88	0.0039	30.00	18.00	
BLE 1M	2480	3.91	0.0025	5.56	0.0036	30.00	18.00	

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	1.032	519.6000	≥ 500
BLE 1M	2440	1.032	526.3000	≥ 500
BLE 1M	2480	1.031	525.5000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-11.390	≤ 8
BLE 1M	2440	-13.700	≤ 8
BLE 1M	2480	-11.130	≤ 8