

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	0.423	0.627	67.411	1.713	2.365

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	4.05	0.0025	30.00	Default	QRCT4 V4.0.209.0
BLE 1M	2440	4.28	0.0027	30.00	Default	
BLE 1M	2480	4.63	0.0029	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	1.043	679.1000	≥ 500
BLE 1M	2440	1.041	674.9000	≥ 500
BLE 1M	2480	1.041	677.5000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-10.740	≤ 8
BLE 1M	2440	-10.480	≤ 8
BLE 1M	2480	-10.010	≤ 8