

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	67.464	1.709	2.364

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	9.78	0.0095	10.36	0.0109	30.00	BT=9 BL=9	QRCT/4.0.209.0
BLE 1M	2440	10.97	0.0125	11.59	0.0144	30.00	BT=9 BL=9	
BLE 1M	2480	10.04	0.0101	10.63	0.0116	30.00	BT=9 BL=9	

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	1.0317	661.8	≥ 500
BLE 1M	2440	1.0316	660.5	≥ 500
BLE 1M	2480	1.0336	661.1	≥ 500

Maximum Power Density Measurement

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-4.45	≤ 8
BLE 1M	2440	-4.05	≤ 8
BLE 1M	2480	-4.69	≤ 8