

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	0.456	0.632	72.152	1.418	2.193

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	-1.55	0.0007	-1.50	0.0007	30.00	Default	Smartsnippets Toolbox v5.0.10
BLE 1M	2440	-0.88	0.0008	-0.81	0.0008	30.00	Default	
BLE 1M	2480	-0.74	0.0008	-0.65	0.0009	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	1.0193	671.8	≥ 500
BLE 1M	2440	1.0273	681.1	≥ 500
BLE 1M	2480	1.0291	671.5	≥ 500

Maximum Power Density Measurement

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-16.494	≤ 8
BLE 1M	2440	-15.239	≤ 8
BLE 1M	2480	-14.626	≤ 8