

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	0.416	0.624	66.667	1.761	2.404
BLE 2M	2402	0.224	0.624	35.897	4.449	4.464

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	3.05	0.0020	3.28	0.0021	30.00	8.00	Direct Test Mode V2.1.0
BLE 1M	2440	2.84	0.0019	3.03	0.0020	30.00	8.00	
BLE 1M	2480	-7.58	0.0002	-7.42	0.0002	30.00	-4.00	
BLE 2M	2402	3.07	0.0020	3.29	0.0021	30.00	8.00	
BLE 2M	2440	2.86	0.0019	3.07	0.0020	30.00	8.00	
BLE 2M	2480	2.65	0.0018	2.89	0.0019	30.00	8.00	

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	1.057	708.8000	≥ 500
BLE 1M	2440	1.057	701.0000	≥ 500
BLE 1M	2480	1.058	700.3000	≥ 500
BLE 2M	2402	2.072	1162.0000	≥ 500
BLE 2M	2440	2.070	1165.0000	≥ 500
BLE 2M	2480	2.077	1160.0000	≥ 500

Maximum Power Density Measurement

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-12.480	≤ 8
BLE 1M	2440	-12.610	≤ 8
BLE 1M	2480	-23.212	≤ 8
BLE 2M	2402	-14.758	≤ 8
BLE 2M	2440	-15.104	≤ 8
BLE 2M	2480	-15.120	≤ 8