

Appendix A. Test Data

Duty Cycle						
Test Mode	Frequency (MHz)	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
BLE 1M	2402	0.395	0.625	63.200	1.993	2.532
BLE 2M	2404	0.206	0.625	32.960	4.820	4.854

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	9.21	0.0083	9.34	0.0086	30.00	50	AB1595
BLE 1M	2440	9.16	0.0082	9.27	0.0085	30.00	50	
BLE 1M	2480	8.71	0.0074	8.85	0.0077	30.00	50	
BLE 2M	2404	9.05	0.0080	9.34	0.0086	30.00	50	
BLE 2M	2440	9.00	0.0079	9.26	0.0084	30.00	50	
BLE 2M	2478	8.60	0.0072	8.88	0.0077	30.00	50	

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	1.0421	717.4	≥ 500
BLE 1M	2440	1.0422	716.9	≥ 500
BLE 1M	2480	1.0420	715.9	≥ 500
BLE 2M	2404	2.0760	1175	≥ 500
BLE 2M	2440	2.0756	1174	≥ 500
BLE 2M	2478	2.0753	1175	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-4.397	≤ 8
BLE 1M	2440	-4.604	≤ 8
BLE 1M	2480	-4.598	≤ 8
BLE 2M	2404	-8.427	≤ 8
BLE 2M	2440	-8.488	≤ 8
BLE 2M	2478	-8.518	≤ 8