

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	2.170	2.500	86.800	0.615	0.461
BLE 2M	2402	1.107	1.876	59.009	2.291	0.903

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	6.95	0.0050	7.54	0.0057	30.00	8.00	Command
BLE 1M	2440	6.84	0.0048	7.48	0.0056	30.00	8.00	
BLE 1M	2480	6.83	0.0048	7.31	0.0054	30.00	8.00	
BLE 2M	2402	6.98	0.0050	7.61	0.0058	30.00	8.00	
BLE 2M	2440	6.82	0.0048	7.53	0.0057	30.00	8.00	
BLE 2M	2480	6.87	0.0049	7.60	0.0058	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	1.034	666.6000	≥ 500
BLE 1M	2440	1.034	663.7000	≥ 500
BLE 1M	2480	1.034	668.1000	≥ 500
BLE 2M	2402	2.065	1171.0000	≥ 500
BLE 2M	2440	2.065	1172.0000	≥ 500
BLE 2M	2480	2.066	1169.0000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-8.350	≤ 8
BLE 1M	2440	-8.950	≤ 8
BLE 1M	2480	-9.020	≤ 8
BLE 2M	2402	-10.880	≤ 8
BLE 2M	2440	-10.420	≤ 8
BLE 2M	2480	-10.370	≤ 8