

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	0.414	0.630	65.714	1.823	2.415
BLE 2M	2402	0.216	0.621	34.783	4.586	4.630

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	5.91	0.0039	6.05	0.0040	30.00	Default	Tera Term
BLE 1M	2440	5.51	0.0036	5.68	0.0037	30.00	Default	
BLE 1M	2480	4.25	0.0027	4.47	0.0028	30.00	Default	
BLE 2M	2402	5.94	0.0039	6.12	0.0041	30.00	Default	
BLE 2M	2440	5.49	0.0035	5.66	0.0037	30.00	Default	
BLE 2M	2480	4.32	0.0027	4.51	0.0028	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	1.074	729.8000	≥ 500
BLE 1M	2440	1.072	721.6000	≥ 500
BLE 1M	2480	1.071	724.2000	≥ 500
BLE 2M	2402	2.107	1125.0000	≥ 500
BLE 2M	2440	2.094	1134.0000	≥ 500
BLE 2M	2480	2.092	1145.0000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-8.320	≤ 8
BLE 1M	2440	-8.620	≤ 8
BLE 1M	2480	-9.770	≤ 8
BLE 2M	2402	-11.160	≤ 8
BLE 2M	2440	-11.760	≤ 8
BLE 2M	2480	-12.990	≤ 8