

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	2.020	2.500	80.800	0.926	0.495
BLE 2M	2402	1.030	1.250	82.400	0.841	0.971

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	10.67	0.0117	11.98	0.0158	30.00	FE	PuTTY/0.70
BLE 1M	2440	10.62	0.0115	12.05	0.0160	30.00	FE	
BLE 1M	2480	10.85	0.0122	12.23	0.0167	30.00	FE	
BLE 2M	2402	10.63	0.0116	12.16	0.0164	30.00	FE	
BLE 2M	2440	10.57	0.0114	12.16	0.0164	30.00	FE	
BLE 2M	2480	10.79	0.0120	12.27	0.0169	30.00	FE	

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	1.049	673.0000	≥ 500
BLE 1M	2440	1.049	676.3000	≥ 500
BLE 1M	2480	1.048	677.4000	≥ 500
BLE 2M	2402	2.073	1287.0000	≥ 500
BLE 2M	2440	2.069	1288.0000	≥ 500
BLE 2M	2480	2.068	1288.0000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-5.990	≤ 8
BLE 1M	2440	-6.850	≤ 8
BLE 1M	2480	-6.350	≤ 8
BLE 2M	2402	-9.100	≤ 8
BLE 2M	2440	-8.000	≤ 8
BLE 2M	2480	-8.240	≤ 8