

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	0.410	0.622	65.916	1.810	0.010

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	-2.12	0.00061	-1.52	0.00070	30.00	4.00	uEnergy Test (CSR Host Tools)
	2440	-1.01	0.00079	-0.45	0.00090	30.00	4.00	
	2480	0.39	0.00109	1.22	0.00132	30.00	4.00	

Note: The relevant measured result has the offset with cable loss already.

6 dB RF Bandwidth			
Test mode	Frequency	6dB Bandwidth	6 dB Limit
	(MHz)	(kHz)	(kHz)
BLE 1M	2402	691.4000	≥ 500
	2440	682.6000	≥ 500
	2480	697.1000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-17.170	≤ 8
	2440	-15.920	≤ 8
	2480	-14.220	≤ 8