

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	2.160	2.504	86.262	0.642	0.463
BLE 2M	2402	1.088	1.872	58.120	2.357	0.919

Maximum Conducted Output Power Measurement												
Test Mode	Frequency (MHz)	Average Power		Peak Power		Power Limit	Peak Gain	EIRP Power		EIRP Power Limit	RF Power setting in Test Software	Test Software Version
		dBm	W	dBm	W			dBm	W			
BLE 1M	2402	-1.20	0.0008	-0.95	0.0008	30.00	2.28	1.33	0.0014	4.00	Default	ADB
BLE 1M	2440	-1.21	0.0008	-0.96	0.0008	30.00	2.28	1.32	0.0014	4.00	Default	
BLE 1M	2480	-1.36	0.0007	-1.08	0.0008	30.00	2.28	1.20	0.0013	4.00	Default	
BLE 2M	2402	-1.19	0.0008	-0.91	0.0008	30.00	2.28	1.37	0.0014	4.00	Default	
BLE 2M	2440	-1.20	0.0008	-0.92	0.0008	30.00	2.28	1.36	0.0014	4.00	Default	
BLE 2M	2480	-1.33	0.0007	-1.05	0.0008	30.00	2.28	1.23	0.0013	4.00	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	1.041	671.0000	≥ 500
BLE 1M	2440	1.041	670.6000	≥ 500
BLE 1M	2480	1.041	670.3000	≥ 500
BLE 2M	2402	2.078	1192.0000	≥ 500
BLE 2M	2440	2.079	1195.0000	≥ 500
BLE 2M	2480	2.078	1194.0000	≥ 500

Maximum Power Density Measurement

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-17.560	≤ 8
BLE 1M	2440	-17.490	≤ 8
BLE 1M	2480	-17.690	≤ 8
BLE 2M	2402	-19.850	≤ 8
BLE 2M	2440	-19.820	≤ 8
BLE 2M	2480	-19.850	≤ 8