

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	0.400	0.628	63.694	1.959	2.500
BLE 2M	2402	0.214	0.624	34.295	4.648	4.673

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	4.14	0.0026	4.53	0.0028	30.00	Default	SSCOM V5.13.1
BLE 1M	2440	3.88	0.0024	4.28	0.0027	30.00	Default	
BLE 1M	2480	3.99	0.0025	4.36	0.0027	30.00	Default	
BLE 2M	2402	4.07	0.0026	4.52	0.0028	30.00	Default	
BLE 2M	2440	3.81	0.0024	4.26	0.0027	30.00	Default	
BLE 2M	2480	3.91	0.0025	4.38	0.0027	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	1.023	712.7000	≥ 500
BLE 1M	2440	1.021	710.5000	≥ 500
BLE 1M	2480	1.022	709.1000	≥ 500
BLE 2M	2402	2.010	1178.0000	≥ 500
BLE 2M	2440	2.010	1183.0000	≥ 500
BLE 2M	2480	2.008	1178.0000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-10.010	≤ 8
BLE 1M	2440	-10.130	≤ 8
BLE 1M	2480	-9.940	≤ 8
BLE 2M	2402	-11.990	≤ 8
BLE 2M	2440	-12.160	≤ 8
BLE 2M	2480	-12.100	≤ 8