

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	0.106	0.624	17.040	7.685	9.398
BLE 2M	2402	0.067	0.624	10.762	9.681	14.881

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	6.13	0.0041	6.21	0.0042	30.00	8.00	Direct_Test_Mode
BLE 1M	2440	6.73	0.0047	6.81	0.0048	30.00	8.00	
BLE 1M	2480	7.17	0.0052	7.25	0.0053	30.00	8.00	
BLE 2M	2402	6.03	0.0040	6.23	0.0042	30.00	8.00	
BLE 2M	2440	6.62	0.0046	6.83	0.0048	30.00	8.00	
BLE 2M	2480	7.07	0.0051	7.27	0.0053	30.00	8.00	
BLR C2	2402	0.09	0.0010	0.12	0.0010	30.00	0.00	
BLR C2	2440	0.20	0.0010	0.24	0.0011	30.00	0.00	
BLR C2	2480	0.29	0.0011	0.35	0.0011	30.00	0.00	
BLR C8	2402	0.11	0.0010	0.15	0.0010	30.00	0.00	
BLR C8	2440	0.21	0.0010	0.25	0.0011	30.00	0.00	
BLR C8	2480	0.31	0.0011	0.38	0.0011	30.00	0.00	

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	1.036	563.1	≥ 500
BLE 1M	2440	1.036	560.4	≥ 500
BLE 1M	2480	1.039	560.4	≥ 500
BLE 2M	2402	2.042	865.8	≥ 500
BLE 2M	2440	2.044	867.9	≥ 500
BLE 2M	2480	2.046	866.6	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-10.740	≤ 8
BLE 1M	2440	-10.130	≤ 8
BLE 1M	2480	-9.280	≤ 8
BLE 2M	2402	-12.650	≤ 8
BLE 2M	2440	-11.830	≤ 8
BLE 2M	2480	-10.940	≤ 8