

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 2M	2402	30.000	30.000	100.000	0.000	0.010
BLR C8	2402	30.000	30.000	100.000	0.000	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	dBm		
BLE 1M	2402	2.51	0.0018	2.55	0.0018	30.00	4.00	RF_Test_tool_v1.0.0.5
BLE 1M	2440	2.98	0.0020	3.01	0.0020	30.00	4.00	
BLE 1M	2480	3.30	0.0021	3.33	0.0022	30.00	4.00	
BLE 2M	2402	2.52	0.0018	2.56	0.0018	30.00	4.00	
BLE 2M	2440	3.01	0.0020	3.03	0.0020	30.00	4.00	
BLE 2M	2480	3.32	0.0021	3.35	0.0022	30.00	4.00	
BLR C2	2402	2.50	0.0018	2.54	0.0018	30.00	4.00	
BLR C2	2440	2.97	0.0020	3.00	0.0020	30.00	4.00	
BLR C2	2480	3.29	0.0021	3.31	0.0021	30.00	4.00	
BLR C8	2402	2.52	0.0018	2.56	0.0018	30.00	4.00	
BLR C8	2440	2.99	0.0020	3.02	0.0020	30.00	4.00	
BLR C8	2480	3.31	0.0021	3.35	0.0022	30.00	4.00	

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 2M	2402	2.102	1393	≥ 500
BLE 2M	2440	2.111	1402	≥ 500
BLE 2M	2480	2.112	1401	≥ 500
BLR C8	2402	1.062	694.7	≥ 500
BLR C8	2440	1.067	705.2	≥ 500
BLR C8	2480	1.066	697.9	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-20.270	≤ 8
BLE 2M	2440	-19.840	≤ 8
BLE 2M	2480	-19.550	≤ 8
BLR C8	2402	-4.260	≤ 8
BLR C8	2440	-3.810	≤ 8
BLR C8	2480	-3.360	≤ 8