

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	0.249	0.627	39.732	4.009	4.013
BLR C8	2402	3.213	3.782	84.955	0.708	0.311

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	0.03	0.0010	0.08	0.0010	30.00	2.00	GRDirect Test Mode Tool 1.5.4
BLE 1M	2440	0.04	0.0010	0.08	0.0010	30.00	2.00	
BLE 1M	2480	-0.12	0.0010	-0.06	0.0010	30.00	2.00	
BLE 2M	2402	0.04	0.0010	0.09	0.0010	30.00	2.00	
BLE 2M	2440	0.05	0.0010	0.10	0.0010	30.00	2.00	
BLE 2M	2480	-0.10	0.0010	-0.05	0.0010	30.00	2.00	
BLR C2	2402	0.02	0.0010	0.08	0.0010	30.00	2.00	
BLR C2	2440	0.04	0.0010	1.50	0.0014	30.00	2.00	
BLR C2	2480	-0.11	0.0010	-0.07	0.0010	30.00	2.00	
BLR C8	2402	0.05	0.0010	0.09	0.0010	30.00	2.00	
BLR C8	2440	0.06	0.0010	0.11	0.0010	30.00	2.00	
BLR C8	2480	-0.10	0.0010	-0.05	0.0010	30.00	2.00	

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	2.011	1208.0000	≥ 500
BLE 2M	2440	2.000	1206.0000	≥ 500
BLE 2M	2480	2.008	1214.0000	≥ 500
BLR C8	2402	1.038	644.1000	≥ 500
BLR C8	2440	1.025	644.9000	≥ 500
BLR C8	2480	1.043	650.0000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-15.840	≤ 8
BLE 2M	2440	-15.340	≤ 8
BLE 2M	2480	-16.370	≤ 8
BLR C8	2402	-7.100	≤ 8
BLR C8	2440	-7.180	≤ 8
BLR C8	2480	-7.120	≤ 8