

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	1.088	1.872	58.120	2.357	0.919
BLR C8	2402	17.180	17.480	98.284	0.075	0.010

Maximum Conducted Output Power Measurement						
Test Mode	Frequency (MHz)	Average Power		Power Limit	RF Power setting in Test Software	Test Software Version
		dBm	W	dBm		
BLE 1M	2402	9.00	0.0079	30.00	100.00	QSPR 6.00.00146.1
BLE 1M	2440	8.78	0.0076	30.00	100.00	
BLE 1M	2480	8.72	0.0074	30.00	100.00	
BLE 2M	2402	8.90	0.0078	30.00	100.00	
BLE 2M	2440	8.61	0.0073	30.00	100.00	
BLE 2M	2480	8.68	0.0074	30.00	100.00	
BLR C2	2402	8.99	0.0079	30.00	100.00	
BLR C2	2440	8.76	0.0075	30.00	100.00	
BLR C2	2480	8.70	0.0074	30.00	100.00	
BLR C8	2402	9.02	0.0080	30.00	100.00	
BLR C8	2440	8.80	0.0076	30.00	100.00	
BLR C8	2480	8.73	0.0075	30.00	100.00	

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	2.108	1153.0000	≥ 500
BLE 2M	2440	2.111	1150.0000	≥ 500
BLE 2M	2480	2.117	1152.0000	≥ 500
BLR C8	2402	1.131	663.9000	≥ 500
BLR C8	2440	1.130	661.4000	≥ 500
BLR C8	2480	1.128	659.6000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-9.030	≤ 8
BLE 2M	2440	-9.200	≤ 8
BLE 2M	2480	-9.000	≤ 8
BLR C8	2402	3.240	≤ 8
BLR C8	2440	3.050	≤ 8
BLR C8	2480	3.090	≤ 8