

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	2404	0.221	0.624	35.426	4.507	4.521
BLR C8	2402	3.168	3.744	84.615	0.726	0.316

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	8.96	0.0079	30.00	Default	QRCT 4.0.193.1
BLE 1M	2440	9.51	0.0089	30.00	Default	
BLE 1M	2480	8.62	0.0073	30.00	Default	
BLE 2M	2404	8.95	0.0079	30.00	Default	
BLE 2M	2440	9.57	0.0091	30.00	Default	
BLE 2M	2478	8.66	0.0073	30.00	Default	
BLR C2	2402	8.95	0.0079	30.00	Default	
BLR C2	2440	9.50	0.0089	30.00	Default	
BLR C2	2480	8.60	0.0072	30.00	Default	
BLR C8	2402	8.97	0.0079	30.00	Default	
BLR C8	2440	9.53	0.0090	30.00	Default	
BLR C8	2480	8.63	0.0073	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 2M	2404	2.046	1178.0000	≥ 500
BLE 2M	2440	2.045	1171.0000	≥ 500
BLE 2M	2478	2.043	1171.0000	≥ 500
BLR C8	2402	1.045	610.7000	≥ 500
BLR C8	2440	1.045	611.2000	≥ 500
BLR C8	2480	1.047	612.7000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2404	-9.520	≤ 8
BLE 2M	2440	-9.020	≤ 8
BLE 2M	2478	-9.490	≤ 8
BLR C8	2402	1.530	≤ 8
BLR C8	2440	2.210	≤ 8
BLR C8	2480	1.480	≤ 8