

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	0.402	0.624	64.423	1.910	2.488
BLE 2M	2402	0.216	0.624	34.615	4.607	4.630
BLR C2	2402	1.116	1.894	58.923	2.297	0.896
BLR C8	2402	3.156	3.754	84.070	0.754	0.317

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	2.83	0.0019	30.00	0x03	CMD
BLE 1M	2440	2.78	0.0019	2.90	0.0019	30.00	0x03	
BLE 1M	2480	2.53	0.0018	2.84	0.0019	30.00	0x03	
BLE 2M	2402	2.55	0.0018	2.74	0.0019	30.00	0x03	
BLE 2M	2440	2.73	0.0019	2.91	0.0020	30.00	0x03	
BLE 2M	2480	2.56	0.0018	2.74	0.0019	30.00	0x03	
BLR C2	2402	2.52	0.0018	2.75	0.0019	30.00	0x03	
BLR C2	2440	2.79	0.0019	2.92	0.0020	30.00	0x03	
BLR C2	2480	2.51	0.0018	2.73	0.0019	30.00	0x03	
BLR C8	2402	2.65	0.0018	2.86	0.0019	30.00	0x03	
BLR C8	2440	2.82	0.0019	2.93	0.0020	30.00	0x03	
BLR C8	2480	2.64	0.0018	2.85	0.0019	30.00	0x03	

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	2.078	1137	≥ 500
BLE 2M	2440	2.084	1128	≥ 500
BLE 2M	2480	2.071	1128	≥ 500
BLR C8	2402	1.079	609.6	≥ 500
BLR C8	2440	1.084	609.9	≥ 500
BLR C8	2480	1.081	609.4	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-14.470	≤ 8
BLE 2M	2440	-14.250	≤ 8
BLE 2M	2480	-14.510	≤ 8
BLR C8	2402	-3.170	≤ 8
BLR C8	2440	-2.780	≤ 8
BLR C8	2480	-2.860	≤ 8