

Appendix A. Test Data

Duty Cycle						
Test Mode	Frequency (MHz)	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
BLE 1M	2402	0.401	0.628	63.846	1.949	2.493
BLE 2M	2402	0.219	0.625	35.003	4.559	4.568
BLR C2	2402	1.102	1.886	58.462	2.331	0.907
BLR C8	2402	3.158	3.770	83.766	0.769	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	2.84	0.0019	3.41	0.0022	30.00	Default	Command
BLE 1M	2440	2.67	0.0018	3.11	0.0020	30.00	Default	
BLE 1M	2480	2.86	0.0019	3.35	0.0022	30.00	Default	
BLE 2M	2402	2.51	0.0018	3.17	0.0021	30.00	Default	
BLE 2M	2440	2.40	0.0017	3.23	0.0021	30.00	Default	
BLE 2M	2480	2.47	0.0018	3.33	0.0022	30.00	Default	
BLR C2	2402	2.82	0.0019	3.33	0.0022	30.00	Default	
BLR C2	2440	2.80	0.0019	3.19	0.0021	30.00	Default	
BLR C2	2480	2.88	0.0019	3.29	0.0021	30.00	Default	
BLR C8	2402	2.96	0.0020	3.47	0.0022	30.00	Default	
BLR C8	2440	2.82	0.0019	3.31	0.0021	30.00	Default	
BLR C8	2480	2.94	0.0020	3.38	0.0022	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	2402	2.057	1176.0000	≥ 500
BLE 2M	2440	2.058	1175.0000	≥ 500
BLE 2M	2480	2.058	1177.0000	≥ 500
BLR C8	2402	1.051	685.6000	≥ 500
BLR C8	2440	1.053	685.4000	≥ 500
BLR C8	2480	1.054	685.7000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-13.980	≤ 8
BLE 2M	2440	-14.000	≤ 8
BLE 2M	2480	-13.850	≤ 8
BLR C8	2402	-2.870	≤ 8
BLR C8	2440	-2.980	≤ 8
BLR C8	2480	-2.840	≤ 8