

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 2M	2402	0.215	0.630	34.127	4.669	4.651
BLR C8	2402	3.160	3.760	84.043	0.755	0.316

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	10.33	0.0108	10.57	0.0114	30.00	Default	CMD
BLE 1M	2440	8.31	0.0068	8.62	0.0073	30.00	Default	
BLE 1M	2480	8.22	0.0066	8.57	0.0072	30.00	Default	
BLE 2M	2402	10.05	0.0101	10.90	0.0123	30.00	Default	
BLE 2M	2440	8.05	0.0064	9.14	0.0082	30.00	Default	
BLE 2M	2480	7.96	0.0063	8.99	0.0079	30.00	Default	
BLR C2	2402	10.29	0.0107	10.54	0.0113	30.00	Default	
BLR C2	2440	8.22	0.0066	8.60	0.0072	30.00	Default	
BLR C2	2480	8.23	0.0067	8.53	0.0071	30.00	Default	
BLR C8	2402	10.35	0.0108	10.61	0.0115	30.00	Default	
BLR C8	2440	8.36	0.0069	8.65	0.0073	30.00	Default	
BLR C8	2480	8.26	0.0067	8.60	0.0072	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	2.090	1365	≥ 500
BLE 2M	2440	2.091	1366	≥ 500
BLE 2M	2480	2.090	1367	≥ 500
BLR C8	2402	1.067	698.9	≥ 500
BLR C8	2440	1.067	704.3	≥ 500
BLR C8	2480	1.066	701.9	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-8.879	≤ 8
BLE 2M	2440	-9.061	≤ 8
BLE 2M	2480	-9.392	≤ 8
BLR C8	2402	3.106	≤ 8
BLR C8	2440	2.911	≤ 8
BLR C8	2480	2.573	≤ 8