

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	1.000	1.000	100.000	0.000	0.010
BLE 2M	2402	1.000	1.000	100.000	0.000	0.010
BLR C2	2402	1.000	1.000	100.000	0.000	0.010
BLR C8	2402	1.000	1.000	100.000	0.000	0.010

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	2.67	0.0018	2.94	0.0020	30.00	5.00	Command
BLE 1M	2440	2.56	0.0018	2.82	0.0019	30.00	5.00	
BLE 1M	2480	2.43	0.0017	2.67	0.0018	30.00	5.00	
BLE 2M	2402	2.72	0.0019	2.97	0.0020	30.00	5.00	
BLE 2M	2440	2.56	0.0018	2.81	0.0019	30.00	5.00	
BLE 2M	2480	2.42	0.0017	2.66	0.0018	30.00	5.00	
BLR C2	2402	2.70	0.0019	2.92	0.0020	30.00	5.00	
BLR C2	2440	2.57	0.0018	2.84	0.0019	30.00	5.00	
BLR C2	2480	2.41	0.0017	2.62	0.0018	30.00	5.00	
BLR C8	2402	2.73	0.0019	2.97	0.0020	30.00	5.00	
BLR C8	2440	2.57	0.0018	2.84	0.0019	30.00	5.00	
BLR C8	2480	2.45	0.0018	2.69	0.0019	30.00	5.00	

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	2.064	1396.0000	≥ 500
BLE 2M	2440	2.079	1422.0000	≥ 500
BLE 2M	2480	2.113	1443.0000	≥ 500
BLR C8	2402	1.076	724.0000	≥ 500
BLR C8	2440	1.079	734.3000	≥ 500
BLR C8	2480	1.094	767.3000	≥ 500

Maximum Power Density Measurement

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-13.120	≤ 8
BLE 2M	2440	-13.980	≤ 8
BLE 2M	2480	-13.270	≤ 8
BLR C8	2402	-2.820	≤ 8
BLR C8	2440	-3.130	≤ 8
BLR C8	2480	-3.170	≤ 8