

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	10.000	10.000	100.000	0.000	0.010
BLE 2M	2402	10.000	10.000	100.000	0.000	0.010
BLR C2	2402	10.000	10.000	100.000	0.000	0.010
BLR C8	2402	10.000	10.000	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	6.57	0.0045	6.68	0.0047	30.00	8.00	Tera Term 4.106
BLE 1M	2440	6.98	0.0050	7.07	0.0051	30.00	8.00	
BLE 1M	2480	6.61	0.0046	6.70	0.0047	30.00	8.00	
BLE 2M	2402	6.62	0.0046	6.73	0.0047	30.00	8.00	
BLE 2M	2440	7.05	0.0051	7.13	0.0052	30.00	8.00	
BLE 2M	2480	6.68	0.0047	6.79	0.0048	30.00	8.00	
BLR C2	2402	6.63	0.0046	6.71	0.0047	30.00	8.00	
BLR C2	2440	7.04	0.0051	7.12	0.0052	30.00	8.00	
BLR C2	2480	6.67	0.0046	6.75	0.0047	30.00	8.00	
BLR C8	2402	6.65	0.0046	6.74	0.0047	30.00	8.00	
BLR C8	2440	7.07	0.0051	7.16	0.0052	30.00	8.00	
BLR C8	2480	6.69	0.0047	6.78	0.0048	30.00	8.00	

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	2.077	1404.0000	≥ 500
BLE 2M	2440	2.074	1382.0000	≥ 500
BLE 2M	2480	2.069	1370.0000	≥ 500
BLR C8	2402	1.093	710.5000	≥ 500
BLR C8	2440	1.093	712.5000	≥ 500
BLR C8	2480	1.096	722.1000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-7.310	≤ 8
BLE 2M	2440	-8.460	≤ 8
BLE 2M	2480	-9.660	≤ 8
BLR C8	2402	1.120	≤ 8
BLR C8	2440	1.110	≤ 8
BLR C8	2480	1.010	≤ 8