

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 2M	2402	1.096	1.872	58.547	2.325	0.912
BLR C8	2402	17.160	17.460	98.282	0.075	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	2.69	0.0019	2.92	0.0020	30.00	3(MAX)	Direct Test Mode v3
BLE 1M	2440	2.60	0.0018	2.83	0.0019	30.00	3(MAX)	
BLE 1M	2480	2.50	0.0018	2.73	0.0019	30.00	3(MAX)	
BLE 2M	2402	2.67	0.0018	2.89	0.0019	30.00	3(MAX)	
BLE 2M	2440	2.60	0.0018	2.83	0.0019	30.00	3(MAX)	
BLE 2M	2480	2.48	0.0018	2.71	0.0019	30.00	3(MAX)	
BLR C2	2402	2.68	0.0019	2.91	0.0020	30.00	3(MAX)	
BLR C2	2440	2.59	0.0018	2.82	0.0019	30.00	3(MAX)	
BLR C2	2480	2.49	0.0018	2.72	0.0019	30.00	3(MAX)	
BLR C8	2402	2.70	0.0019	2.93	0.0020	30.00	3(MAX)	
BLR C8	2440	2.61	0.0018	2.84	0.0019	30.00	3(MAX)	
BLR C8	2480	2.51	0.0018	2.74	0.0019	30.00	3(MAX)	

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	2.103	1161.0000	≥ 500
BLE 2M	2440	2.105	1147.0000	≥ 500
BLE 2M	2480	2.106	1152.0000	≥ 500
BLR C8	2402	1.088	612.5000	≥ 500
BLR C8	2440	1.088	609.0000	≥ 500
BLR C8	2480	1.081	607.0000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-14.123	≤ 8
BLE 2M	2440	-14.395	≤ 8
BLE 2M	2480	-14.949	≤ 8
BLR C8	2402	-2.696	≤ 8
BLR C8	2440	-2.710	≤ 8
BLR C8	2480	-3.049	≤ 8