

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	0.402	0.626	64.217	1.923	2.488
BLE 2M	2402	0.214	0.626	34.185	4.662	4.673
BLR C2	2402	1.092	1.872	58.333	2.341	0.916
BLR C8	2402	3.135	3.750	83.600	0.778	0.319

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	3.10	0.0020	3.42	0.0022	30.00	3.00	Command
BLE 1M	2440	2.98	0.0020	3.31	0.0021	30.00	3.00	
BLE 1M	2480	2.80	0.0019	3.13	0.0021	30.00	3.00	
BLE 2M	2402	3.05	0.0020	3.41	0.0022	30.00	3.00	
BLE 2M	2440	2.92	0.0020	3.29	0.0021	30.00	3.00	
BLE 2M	2480	2.73	0.0019	3.09	0.0020	30.00	3.00	
BLR C2	2402	3.07	0.0020	3.38	0.0022	30.00	3.00	
BLR C2	2440	2.95	0.0020	3.27	0.0021	30.00	3.00	
BLR C2	2480	2.78	0.0019	3.08	0.0020	30.00	3.00	
BLR C8	2402	3.12	0.0021	3.47	0.0022	30.00	3.00	
BLR C8	2440	3.00	0.0020	3.35	0.0022	30.00	3.00	
BLR C8	2480	2.83	0.0019	3.14	0.0021	30.00	3.00	

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	2.080	1134.0000	≥ 500
BLE 2M	2440	2.085	1131.0000	≥ 500
BLE 2M	2480	2.080	1131.0000	≥ 500
BLR C8	2402	1.080	609.8000	≥ 500
BLR C8	2440	1.085	610.9000	≥ 500
BLR C8	2480	1.083	608.9000	≥ 500
Maximum Power Density Measurement				
Test mode	Frequency	Reading		Limit
	(MHz)	(dBm/3 kHz)		(dBm/3 kHz)
BLE 2M	2402	-15.620		≤ 8
BLE 2M	2440	-14.530		≤ 8
BLE 2M	2480	-14.520		≤ 8
BLR C8	2402	-2.700		≤ 8
BLR C8	2440	-2.890		≤ 8
BLR C8	2480	-2.770		≤ 8