

# 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	1.100	1.870	58.824	2.304	0.909
BLR C8	2402	17.280	17.520	98.630	0.060	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			
BLE 1M	2402	13.22	0.0210	13.32	0.0215	30.00	14.00	adb
BLE 1M	2440	13.19	0.0208	13.30	0.0214	30.00	14.00	
BLE 1M	2480	13.06	0.0202	13.12	0.0205	30.00	14.00	
BLE 2M	2402	14.38	0.0274	14.46	0.0279	30.00	15.00	
BLE 2M	2440	14.35	0.0272	14.43	0.0277	30.00	15.00	
BLE 2M	2480	14.33	0.0271	14.41	0.0276	30.00	15.00	
BLR C2	2402	13.23	0.0210	13.35	0.0216	30.00	14.00	
BLR C2	2440	13.21	0.0209	13.31	0.0214	30.00	14.00	
BLR C2	2480	13.05	0.0202	13.12	0.0205	30.00	14.00	
BLR C8	2402	13.26	0.0212	13.41	0.0219	30.00	14.00	
BLR C8	2440	13.25	0.0211	13.36	0.0217	30.00	14.00	
BLR C8	2480	13.11	0.0205	13.16	0.0207	30.00	14.00	

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	2.072	1.1990	≥ 500
BLE 2M	2440	2.072	1.2430	≥ 500
BLE 2M	2480	2.072	1.1930	≥ 500
BLR C8	2402	1.055	691.70	≥ 500
BLR C8	2440	1.056	690.70	≥ 500
BLR C8	2480	1.056	683.40	≥ 500

**Maximum Power Density Measurement**

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-4.350	≤ 8
BLE 2M	2440	-5.620	≤ 8
BLE 2M	2480	-4.370	≤ 8
BLR C8	2402	7.190	≤ 8
BLR C8	2440	7.110	≤ 8
BLR C8	2480	7.030	≤ 8