

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	0.452	0.624	72.436	1.400	2.212

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	15.03	0.0318	15.34	0.0342	30.00	15.00	Buffalo Lab Dev Cude 1.8.0 for AiThinker- BL602/604
BLE 1M	2440	15.43	0.0349	15.75	0.0376	30.00	15.00	
BLE 1M	2480	14.90	0.0309	15.30	0.0339	30.00	15.00	

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 1M	2402	1.033	679.6000	≥ 500
BLE 1M	2440	1.035	687.6000	≥ 500
BLE 1M	2480	1.038	687.3000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-0.123	≤ 8
BLE 1M	2440	0.336	≤ 8
BLE 1M	2480	-0.084	≤ 8