

# **Appendix A**

Report No.: CISRR240513023

FCC ID: 2BFQI-V3

Product Name: keyboard

Model No.: V3

Test Engineer: Lucas Huang

Supervised by: Rory Huang



# 1) Conducted Peak Output Power

### **Test Result**

Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
GFSK	LE	0	-2.76	0.53	30	PASS
		19	-3.51	0.45		PASS
		39	-2.79	0.53		PASS

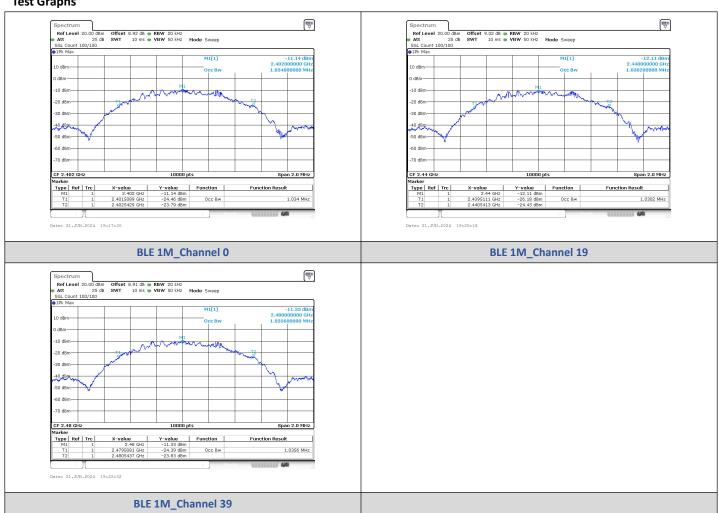




# 2) 99% Bandwidth

### **Test Result**

Mode	Mode Channel		99% BW (MHz)	
BLE 1M	0	2402	1.0340	
BLE 1M	19	2440	1.0302	
BLE 1M	39	2480	1.0356	

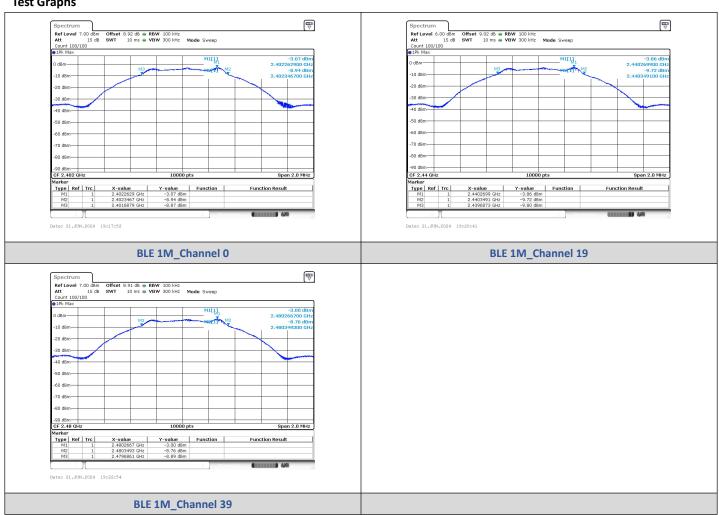




# 3) 6dB Bandwidth

#### **Test Result**

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6600		PASS
	19	2440	0.6600	≥0.5	PASS
	39	2480	0.6600		PASS



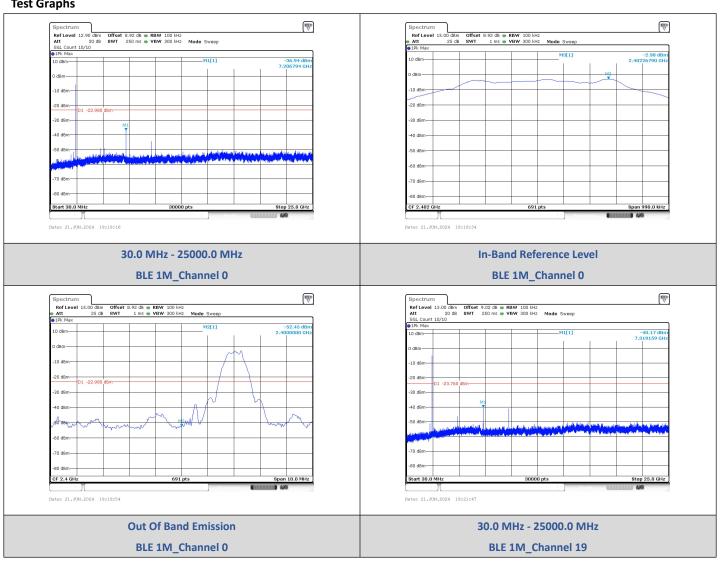
Report No.:



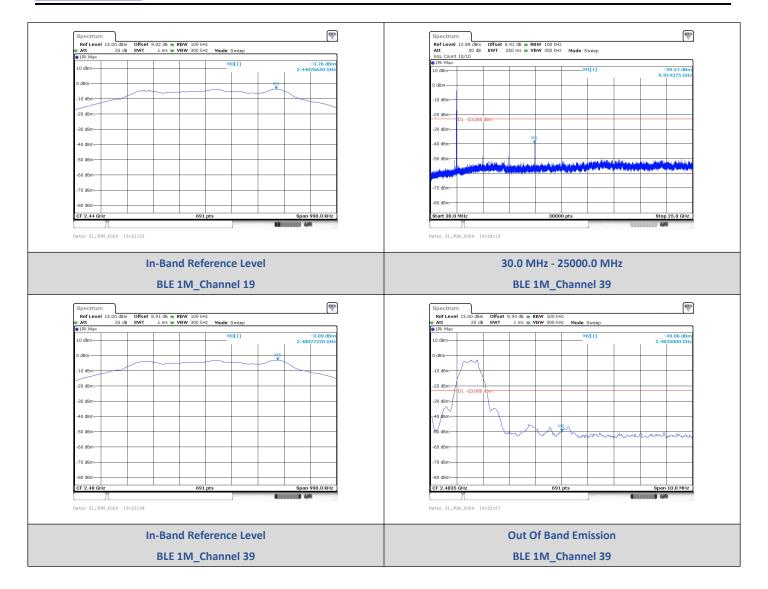
# 4) Conducted Out Of Band Emission

#### **Test Result**

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
	0	2399.00	-44.918	-22.98	-21.938	PASS
BLE 1M		2400.00	-52.451	-22.98	-29.471	PASS
		7206.80	-36.942	-22.98	-13.962	PASS
	19	7319.16	-40.167	-23.76	-16.407	PASS
	39	2483.50	-49.862	-23.08	-26.782	PASS
		9914.37	-39.570	-23.08	-16.490	PASS





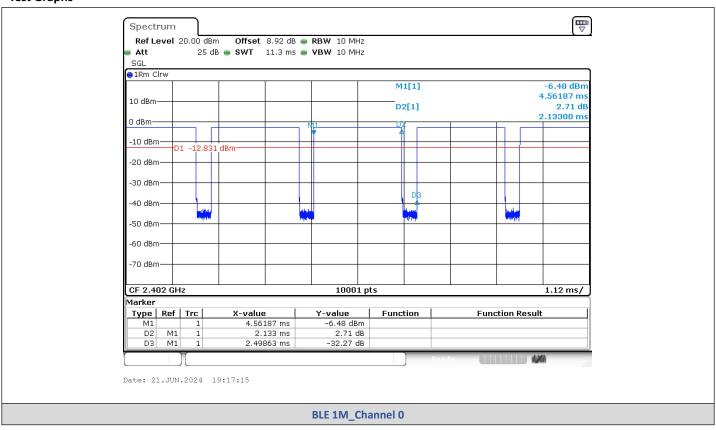




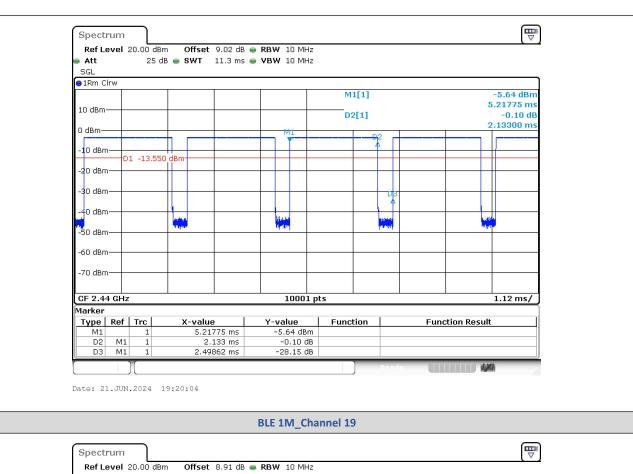
# 5) Duty Cycle

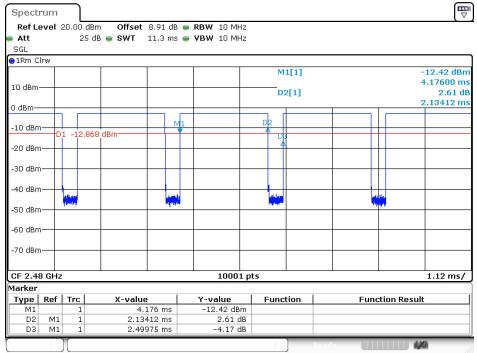
#### **Test Result**

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
	0	2.133	2.499	85.37	0.8537	0.6869	0.47
BLE 1M	19	2.133	2.499	85.37	0.8537	0.6869	0.47
	39	2.134	2.500	85.37	0.8537	0.6869	0.47









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# 6) Power Spectral Density

#### **Test Result**

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-19.253	≤8	PASS
BLE 1M	19	-20.379	≤8	PASS
BLE 1M	39	-19.689	≤8	PASS

