

Report No.:	TW2302233-01E		
Applicant:	Eastern Times Technology Co.,Ltd		
Product:	3 MODES PORTABLE MECHANICAL KEYBOARD		
Model No.:	K635WBR-RGB-PRO, ET-8844		
Trademark:	REDRAGON		
Test Standards:	FCC Part 15.249		
Test result:	It is herewith confirmed and found to comply with the requirements set up by ANSI C63.10 & FCC Part 15 Subpart C, Paragraph 15.249 regulations for the evaluation of electromagnetic compatibility		

Approved By

Terry long

Terry Tang

Manager

Dated:

March 22, 2023

Results appearing herein relate only to the sample tested The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TESTING LABORATORIES

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China Tel (755) 83448688, Fax (755) 83442996, E-Mail: info@timeway-lab.com



Special Statement:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2017 General Requirements) for the Competence of testing Laboratories.

FCC-Registration No.: 744189

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 744189.

Industry Canada (IC) — Registration No.: 5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 5205A.

A2LA (Certification Number:5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

CAB identifier: CN0033

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1.0 General Details

1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TESTING LABORATORIES.
Address: Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China
Telephone: (755) 83448688
Fax: (755) 83442996
Site on File with the Federal Communications Commission – United Sates
Registration Number: 744189
For 3m Anechoic Chamber

1.2 Applicant Details

Applicant:Eastern Times Technology Co.,LtdAddress:Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town, Dongguan City,
Guangdong, China.Telephone:--

Fax:

--

1.3 Description of EUT

Product:	3 MODES PORTABLE MECHANICAL KEYBOARD
Manufacturer:	Eastern Times Technology Co.,Ltd
Address:	Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town,
	Dongguan City, Guangdong, China.
Trademark:	REDRAGON
Model Number:	K635WBR-RGB-PRO
Additional Model Name	ET-8844
Rating:	Input: DC5V, 700mA or DC3.7V, 230mA
Battery	DC3.7V, 1600mAh Li-ion battery
Modulation Type:	GFSK
Operation Frequency:	2403-2480MHz
Channel Number:	16
Channel List (Unit: MHz):	2403, 2424, 2441, 2461, 2414, 2435, 2450, 2470, 2409, 2429, 2455, 2475,
	2419, 2445, 2465, 2480
Hardware Version:	8844-A V1
Software Version:	8249
Serial No.:	RDK635WBR-RGB- PR022111500018
Antenna Designation	PCB antenna with gain 2.34dBi Max (Get from the antenna specification)

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1.4 Submitted Sample: 2 Samples

- 1.5 Test Duration 2023-02-22 to 2023-03-22
- 1.6 Test Uncertainty Conducted Emissions Uncertainty =3.6dB Radiated Emissions below 1GHz Uncertainty =4.7dB Radiated Emissions above 1GHz Uncertainty =6.0dB Conducted Power Uncertainty =6.0dB Occupied Channel Bandwidth Uncertainty =5% Conducted Emissions Uncertainty =3.6dB Note: The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

1.7 Test Engineer

Andy -Xing

The sample tested by

Print Name: Andy Xing

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2.0 Test Equipment					
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	R&S	ESPI 3	100379	2022-07-15	2023-07-14
LISN	R&S	EZH3-Z5	100294	2022-07-18	2023-07-17
LISN	R&S	EZH3-Z5	100253	2022-07-18	2023-07-17
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2022-07-18	2023-07-17
Loop Antenna	EMCO	6507	00078608	2022-07-18	2025-07-17
Spectrum	R&S	FSIQ26	100292	2022-07-15	2023-07-14
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2022-07-18	2025-07-17
Horn Antenna	R&S	BBHA 9120D	9120D-631	2022-07-18	2024-07-17
Power meter	Anritsu	ML2487A	6K00003613	2022-07-18	2023-07-17
Power sensor	Anritsu	MA2491A	32263	2022-07-18	2023-07-17
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2022-07-18	2025-07-17
9*6*6 Anechoic			N/A	2022-07-26	2025-07-25
EMI Test Receiver	RS	ESVB	826156/011	2022-07-15	2023-07-14
EMI Test Receiver	RS	ESCS 30	834115/006	2022-07-15	2023-07-14
Spectrum	HP/Agilent	E4407B	MY50441392	2022-07-15	2023-07-14
Spectrum	RS	FSP	1164.4391.38	2022-07-15	2023-07-14
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA		2022-07-15	2023-07-14
RF Cable	Zhengdi	7m		2022-07-15	2023-07-14
Pre-Amplifier	Schwarebeck	BBV9743	#218	2022-07-15	2023-07-14
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2022-07-15	2023-07-14
LISN	SCHAFFNER	NNB42	00012	2022-08-18	2023-07-17
ESPI Test Receiver	R&S	ESPI 3	100379	2022-07-15	2023-07-14
LISN	R&S	EZH3-Z5	100294	2022-07-18	2023-07-17

2.2 Automation Test Software

For Conducted Emission Test

Name	Version
EZ-EMC	Ver.EMC-CON 3A1.1

For Radiated Emissions

Name	Version
EMI Test Software BL410-EV18.91	V18.905
EMI Test Software BL410-EV18.806 High Frequency	V18.06

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3.0 Technical Details

3.1 Summary of test results

The EUT has been tested according to the following specifications:				
Standard	Test Type	Result	Notes	
FCC Part 15, Paragraph 15.203	Antenna Requirement	Pass	Complies	
FCC Part 15, Paragraph 15.207	Conducted Emission Test	Pass	Complies	
FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Field Strength of Fundamental	Pass	Complies	
FCC Part 15, Paragraph 15.209	Radiated Emission Test	Pass	Complies	
FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Band Edge Test	Pass	Complies	

3.2 Test Standards

FCC Part 15 Subpart C, Paragraph 15.249 , ANSI C63.4 :2014 and ANSI C63.10 :2013

4.0 EUT Modification

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

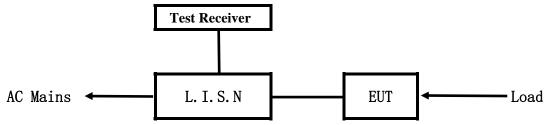
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5. Power Line Conducted Emission Test

5.1 Schematics of the test

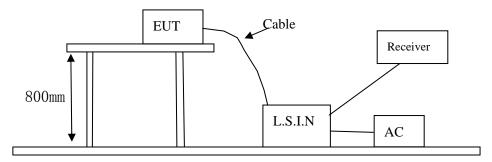


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2013. The Frequency spectrum from 0.15MHz to 30MHz was investigated. The LISN used was 500hm/50uH as specified by section 5.1 of ANSI C63.10–2013. Test Voltage: 120V~, 60Hz

Block diagram of Test setup



5.3 Configuration of the EUT

The EUT was configured according to ANSI C63.10-2013. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below. 16 channels are provided to the EUT

A.	EUT
	201

Device	Manufacturer	Model	FCC ID
3 MODES PORTABLE	Eastern Times Technology	K635WBR-RGB-PRO,	TUVET-8844A
MECHANICAL KEYBOARD	Co.,Ltd	ET-8844	1 U V E 1-8844A

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B. Internal Device

2.	11100111a1 2 0 1 100			
	Device	Manufacturer	Model	FCC ID/DOC
	N/A			

C. Peripherals

Device	Manufacturer	Model	Rating
Power Supply	KEYU	KA23-0502000DEU	Input: 100-240V~, 50/60Hz, 0.35A;
			Output: DC5V, 2A

5.4 EUT Operating Condition

- Operating condition is according to ANSI C63.10-2013
- A Setup the EUT and simulators as shown on follow
- B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207

Frequency	Limits (dB µ V)		
(MHz)	Quasi-peak Level	Average Level	
$0.15~\sim~0.50$	66.0~56.0*	56.0~46.0*	
$0.50~\sim~5.00$	56.0	46.0	
$5.00 \sim 30.00$	60.0	50.0	

Notes: 1. *Decreasing linearly with logarithm of frequency.

2. The tighter limit shall apply at the transition frequencies

5.6 Test Results:

Pass

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Conducted Emission on Live Terminal (150kHz to 30MHz) A: **EUT Operating Environment** Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 kPa **EUT set Condition: Charging and Keep Transmitting Results: Pass** Please refer to following diagram for individual dBu¥ 80.0 70 FCC Part15 CE-Class C_QP 60 FCC Part15 CE-Class C_AVe 50 40 30 peak 20 AVG 10 0 -10 -20 30.000 0.150 (MHz)

	_	_						
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1734	34.10	9.77	43.87	64.80	-20.93	QP	Ρ
2	0.1734	14.16	9.77	23.93	54.80	-30.87	AVG	Ρ
3	0.5010	14.52	9.77	24.29	56.00	-31.71	QP	Ρ
4	0.5010	6. 1 1	9.77	15.88	46.00	-30.12	AVG	Ρ
5	1.9752	8.53	9.80	18.33	56.00	-37.67	QP	Ρ
6	1.9752	1.40	9.80	11.20	46.00	-34.80	AVG	Ρ
7	5.1996	10.45	9.94	20.39	60.00	-39.61	QP	Ρ
8	5.1996	-0.62	9.94	9.32	50.00	-40.68	AVG	Ρ
9	14.2710	22.47	10.35	32.82	60.00	-27.18	QP	Ρ
10	14.2710	16.23	10.35	26.58	50.00	-23.42	AVG	Ρ
11	16.0884	25.72	10.45	36.17	60.00	-23.83	QP	Ρ
12	16.0884	17.33	10.45	27.78	50.00	-22.22	AVG	Ρ

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B: Conducted Emission on Neutral Terminal (150kHz to 30MHz) **EUT Operating Environment** Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 kPa EUT set Condition: Charging and Keep Transmitting **Results: Pass** Please refer to following diagram for individual dBu¥ 80.0 70 FCC Part15 CE-Class C_QP 60 FCC Part 5 CE-Class C_AVe 50 40 30 peak 20 AVG 10 0 -10 -20 $0.\overline{150}$ (MHz) 30.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1548	35.11	9.78	44.89	65.74	-20.85	QP	Ρ
2	0.1548	14.72	9.78	24.50	55.74	-31.24	AVG	Р
3	0.1850	33.95	9.76	43.71	64.26	-20.55	QP	Р
4	0.1850	12.30	9.76	22.06	54.26	-32.20	AVG	Ρ
5	0.5205	16.00	9.77	25.77	56.00	-30.23	QP	Р
6	0.5205	8.93	9.77	18.70	46.00	-27.30	AVG	Р
7	2.5095	11.42	9.82	21.24	56.00	-34.76	QP	Р
8	2.5095	-1.12	9.82	8.70	46.00	-37.30	AVG	Ρ
9	14.2944	22.86	10.35	33.21	60.00	-26.79	QP	Ρ
10	14.2944	14.65	10.35	25.00	50.00	-25.00	AVG	Р
11	16.4433	23.10	10.47	33.57	60.00	-26.43	QP	Ρ
12	16.4433	17.29	10.47	27.76	50.00	-22.24	AVG	Р

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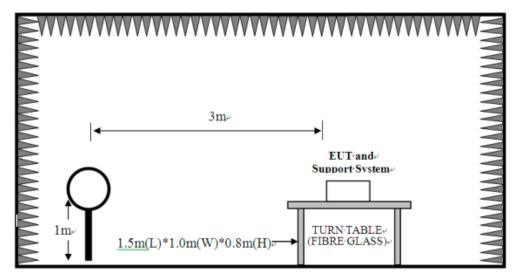


6 Radiated Emission Test

- 6.1 Test Method and test Procedure:
- The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2013.
- (3) The frequency spectrum from 30 MHz to 25 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz, peak values with a resolution bandwidth of 1 MHz (Note: for Fundamental frequency radiated emission measurement, RBW=3MHz, VBW=10MHz). Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) The antenna polarization: Vertical polarization and Horizontal polarization.

Block diagram of Test setup

For radiated emissions from 9kHz to 30MHz

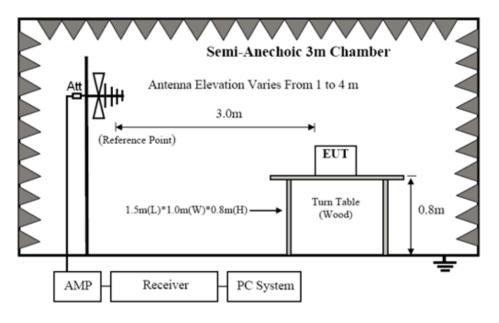


For radiated emissions from 30MHz to1GHz

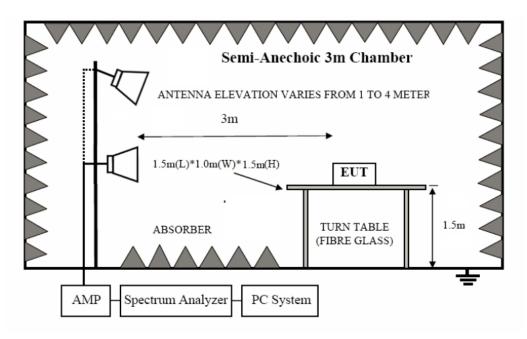
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For radiated emissions above 1GHz



6.2 Configuration of the EUT

Same as section 5.3 of this report

6.3 EUT Operating Condition

Same as section 5.4 of this report.

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6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

A FCC Part 15 Subpart C Paragraph 15.249(a) Limit

Fundamental Frequency	Field Stre	ength of Fundame	ntal (3m)	Field S	trength of Harmo	nics (3m)
(MHz)	mV/m	dBu	V/m	uV/m	dBuV/m	
2400-2483.5	50	94 (Average) 114 (Peak)		500	54 (Average)	74 (Peak)
	1 (15 15					

Note: 1. RF Field Strength (dBuV) = $20 \log RF$ Voltage (uV)

2.Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

B. Frequencies in restricted band are complied to limit on Paragraph 15.209.

-		
Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)
0.009-0.490	3	20log(2400/F(kHz)) +40log (300/3)
0.490-1.705	3	20log(24000/F(kHz)) +40log (30/3)
1.705-30	3	69.5
30-80	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

1. RF Voltage (dBuV) = 20 log RF Voltage (uV)

2. In the Above Table, the tighter limit applies at the band edges.

3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT

4. All scanning using PK detector. And the final emission level was get using QP detector for frequency range from 30-1000MHz.As to 1G-25G, the final emission level got using PK. For fundamental measurement, PK detector used.

5. For radiated emissions from 9kHz to 30MHz, the emission level is much less than the limit for more than 20dB. No necessary to take down the record.

6. Battery full charged during tests.

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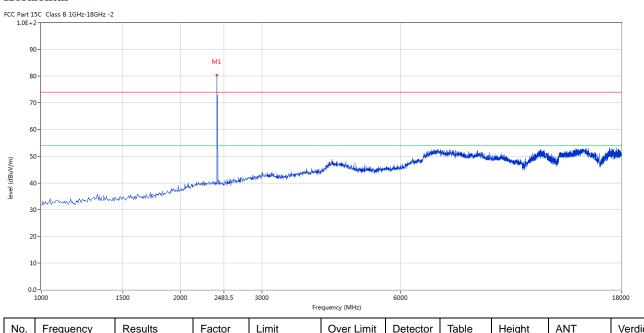
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6.5 Test resultA Fundamental & Harmonics Radiated Emission Data

Please refer to the following test plots for details: Low Channel-2403MHz

Horizontal

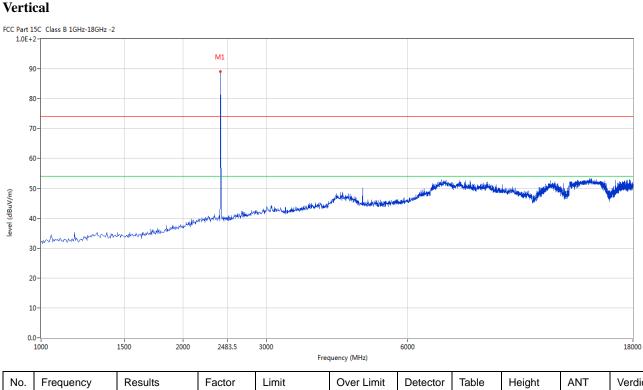


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2403	80.61	-3.57	114.0	-33.39	Peak	276.00	100	Horizontal	Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2403	89.23	-3.57	114.0	-24.77	Peak	73.00	100	Vertical	Pass

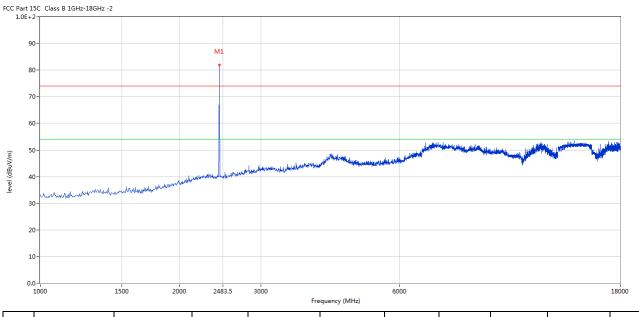
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Please refer to the following test plots for details: Middle Channel-2441MHz

Horizontal

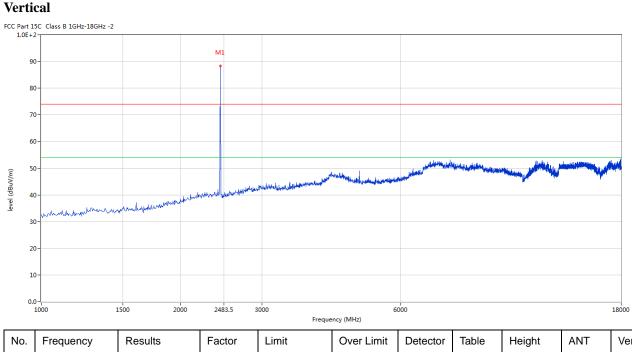


No	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	81.97	-3.57	114.0	-32.03	Peak	135.00	100	Horizontal	Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	88.40	-3.57	114.0	-25.6	Peak	76.00	100	Vertical	Pass

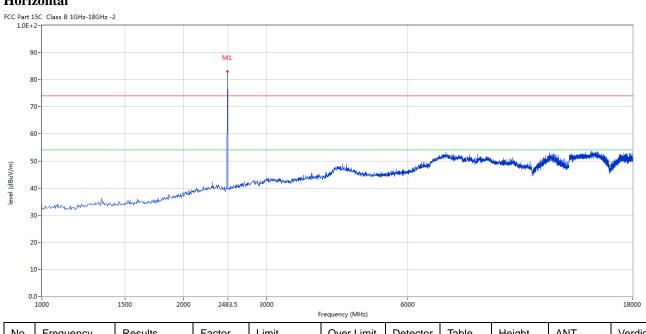
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal

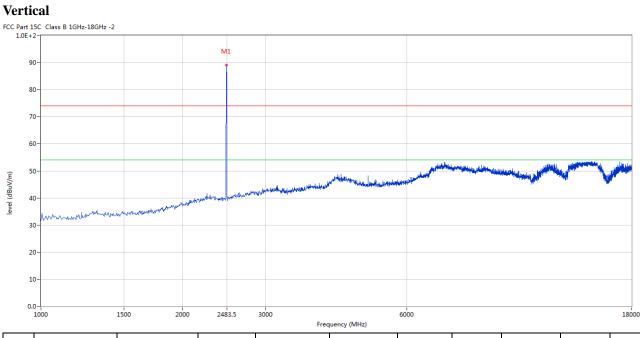


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	83.27	-3.57	114.0	-30.73	Peak	261.00	100	Horizontal	Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	89.35	-3.57	114.0	-24.65	Peak	71.00	100	Vertical	Pass

Note: (2) Emission Level = Reading Level + Antenna Factor + Cable Loss-Amplifier

(3) Margin=Emission-Limits

- (4) According to section 15.35(b), the peak limit is 20dB higher than the average limit
- (5) For test purpose, keep EUT continuous transmitting
- (5) For emission above 18GHz and Below 30MHz, it is only the floor noise. No necessary to take down.
- (6) the measured PK value less than the AV limit.

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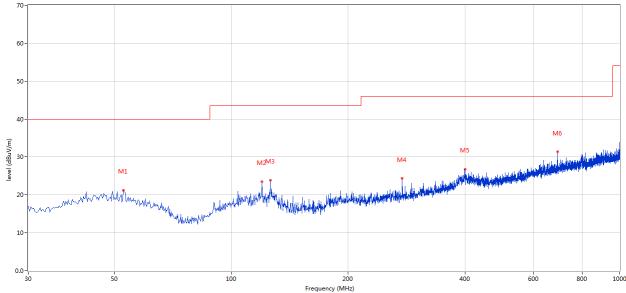
B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual

FCC_FCC Part 15C Class B 30MHz-1GHz



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	52.789	21.20	-11.48	40.0	-18.80	Peak	309.00	100	Horizontal	Pass
2	119.945	23.51	-15.32	43.5	-19.99	Peak	103.00	100	Horizontal	Pass
3	126.006	23.92	-16.48	43.5	-19.58	Peak	80.00	100	Horizontal	Pass
4	275.349	24.33	-11.66	46.0	-21.67	Peak	65.00	100	Horizontal	Pass
5	399.478	26.78	-8.58	46.0	-19.22	Peak	156.00	100	Horizontal	Pass
6	691.375	31.31	-4.36	46.0	-14.69	Peak	42.00	100	Horizontal	Pass

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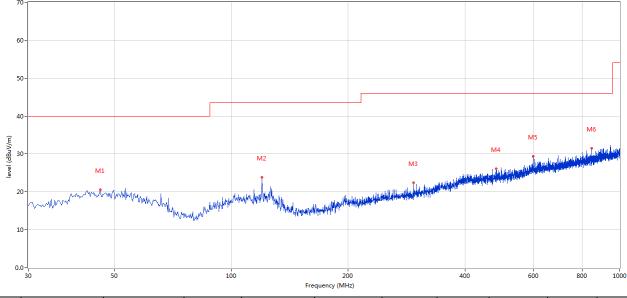
Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual

FCC_FCC Part 15C Class B 30MHz-1GHz



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	46.001	20.54	-11.40	40.0	-19.46	Peak	58.00	100	Vertical	Pass
2	119.945	23.80	-15.32	43.5	-19.70	Peak	338.00	100	Vertical	Pass
3	294.986	22.39	-11.16	46.0	-23.61	Peak	173.00	100	Vertical	Pass
4	479.968	26.06	-7.40	46.0	-19.94	Peak	173.00	100	Vertical	Pass
5	599.005	28.85	-5.07	46.0	-17.15	Peak	96.00	100	Vertical	Pass
6	847.263	31.56	-2.71	46.0	-14.44	Peak	43.00	100	Vertical	Pass

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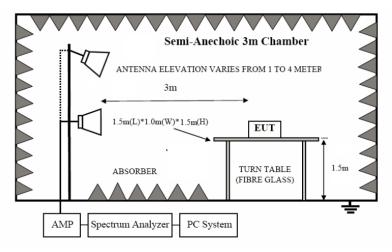


7. Band Edge

7.1 Test Method and test Procedure:

- The EUT was tested according to ANSI C63.10–2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) Set Spectrum as RBW=1MHz, VBW=3MHz and Peak detector used for PK value. RBW=1MHz, VBW=10Hz and Peak detector used for AV value.
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) The antenna polarization: Vertical polarization and Horizontal polarization.

7.2 Radiated Test Setup



For the actual test configuration, please refer to the related items - Photos of Testing

7.3 Configuration of the EUT

Same as section 5.3 of this report

7.4 EUT Operating Condition

Same as section 5.4 of this report.

7.5 Band Edge Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least

50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

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7.6 Test Result

]	Product:	3 MODES	ICAL	Polarity		Horizontal				
	Mode	K	Leeping Tra	,	Test Voltage		DC3.7V			
Te	mperature		24 deg	g. C,		Humidity		56% RH		
Te	est Result:		Pas	S						
C Part 1 1.0E+	15C Class B 1GHz-18GHz 2-r	-2								_
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8	.0-							N	11 ****¶	
7	·0-							/	<u>}</u>	
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5	i0-							M2	<u> </u>	
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4 3 2	10	ทุการใน ข้างสูงได้สังเสราะเพื่อไปสุดชุมีได้กา	n na	tereformile experience increa	yee heart, had had the	M3 1.พร.คมปัจจะได้ได้เสียงได้ได้	ามให้สารที่สารที่สารที่สารที่สารที่สารที่	njezerničnich		56 ⁶
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4 3 2 1	0			Free	quency (MHz)	i yez-an tî de si bel na disî bel na disî bel n	Table	Height	1	r
4 3 2 1		Results (dBuV/m)	Factor (dB)			M3	Table (o)	Height	ANT	r
4 3 2 1	0- 0- 2350 Frequency	Results	Factor	Free	quency (MHz) Over Limit	i yez-an tî de si bel na disî bel na disî bel n		-	1	2410 Verdic
4 3 2 1 0.	0- 0- 2350 Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Free Limit (dBuV/m)	^{quency (MHz)} Over Limit (dB)	Detector	(0)	(cm)	ANT	Verdic

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Product:		3 MODES	ICAL	Detector		Vertical				
Mode		K	leeping Tra	insmitting	7	Test Voltage		e DC3.7V		
Temperature			24 deg	g. C,		Humidity	,	56% RH		
Te	est Result:		Pas	S						
C Part 1 1.0E+	15C Class B 1GHz-18GHz	-2								
	90 -							Ν	M1	
	30-							/	- Million	
7	70 -								<u> </u>	
,									X	
6	50 -								<u> </u>	
								M2	- N	
5	50 -							- /•	N N	N
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3 2 1	10 - <mark>4)/42/49</mark>	nanda di tana kasharida ya milaka da	si alter en este de seguer en el	ryse, Hall and Hall Hall And Hall And Hall	definered the state of the stat	M3	9442114739845998889989989999999	etti yakatet		2410
3 2 1	10	Results	Factor	Free Limit	quency (MHz)	M3	Table	Height	ANT	
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3 2 1 0.	10- 10- 10- 10- 10- 10- 10- 10-	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	(o)	(cm)		Verdic
4 3 2 1 0. No.	10- 10- 10- 10- 2350 Frequency (MHz) 2402.367	Results (dBuV/m) 89.20	Factor (dB) -3.57	Limit (dBuV/m) 74.0	Over Limit (dB) 15.20	Detector	(o) 73.00	(cm) 100	Vertical	Verdic N/A

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]	Product:	3 MODES	PORTAB KEYB	LE MECHAI OARD	NICAL	Polarity		Horizontal		
	Mode	ŀ		Test Voltage		DC3.7V				
Te	mperature		24 de			Humidity				
	est Result:		Pa							
CC Part 1 1.0E+	15C Class B 1GHz-18GHz	-2								
8	10		\int	M1						
4 (apriv)	10 - 10 - Huldrone Kurlink (musik meril o 10 - 20 -				The second second	istende gestel det fan en ste betegenere	a ta da da ante da cana da ante	erne der bestelltet gescherheit	barrashiri kalenci	44,47,4749,94
3 2 1	10 - <mark>Indonesia (Indonesia (Indonesia))</mark> 10 -			2483.5		in her for the state of the second	1-11-15. 	ergetrowingdorfersyndrof	len,maddeshunnagar,hak-ecci	2500
2 1 0.	10 - iulerenetterleitigenet	Results	Factor			Detector	Table	Height	ANT	2500
2 1 0.	10 - 10		Factor (dB)	1	Frequency (MHz)					2500
ພ/ກກອບ ຍາຍ 3 2 1	10	Results		Limit	Frequency (MHz)		Table	Height		2500
4 3 2 1 0. No.	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	Results (dBuV/m)	(dB)	Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	2500 Verdic

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adopt any other remedies which may be appropriate.



Product:		3 MODES	PORTABL KEYBO	E MECHANIC ARD	AL]	Detector		Vertical			
	Mode	K	eeping Tra	nsmitting	Te	Test Voltage		DC3.7V			
Te	mperature		24 deg		I	Humidity	56% RH				
Te	est Result:		Pas								
CC Part 1 1.0E+	15C Class B 1GHz-18GHz	-2									
9	10-		M1	THUR IN A							
7	10-		/								
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Note: 1. The PK emission level less than the AV limit. No necessary to record the AV emission level.

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8.0 Antenna Requirement

Applicable Standard

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

This product has a PCB antenna. The antenna gain is 2.43dBi Max. It fulfills the requirement of this section. Test Result: Pass

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Product:	3 MODES PORTABLE MECHANICAL KEYBOARD						Test Mode:		Keep transmitting		
Mode		Kee	ping Tran	smitting		Test V	oltage	DC3.7V			
Temperature			24 deg.	C,		Humidity			56% R	Н	
Test Result:			Pass			Dete	ctor		РК		
20dB Bandwidth			2.288M	Hz			-				
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Proc	duct:	3 MODES PORTABLE MECHANICAL KEYBOARD						Test Mode:		Keep transmitting		
Me	ode	Keeping Transmitting						Test Voltage		DC3.7V		
Tempo	erature			24 deg.	С,		Hui	Humidity		56% RH		
Test F	Result:	Pass					De	Detector		Pl	K	
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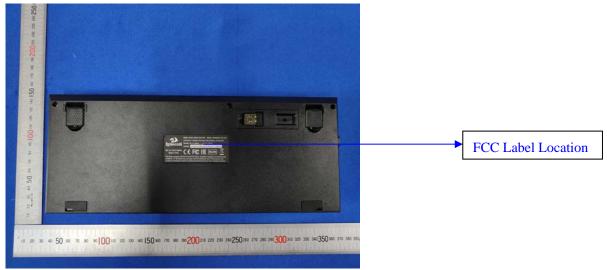
10.0 FCC ID Label

FCC ID: TUVET-8844A

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location:



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11.0 Photo of testing

11.1 Conducted test View--



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Radiated emission test view



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11.2

Outside View- keyboard

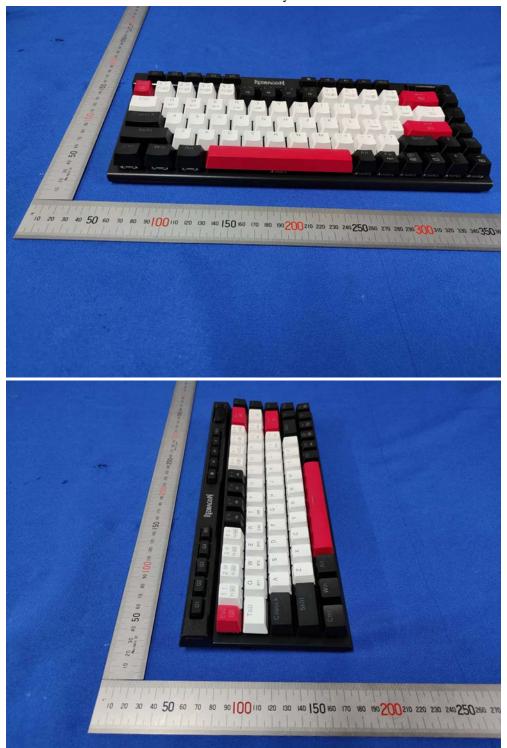


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Outside View- keyboard



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Outside View- Keyboard



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Outside View- Keyboard



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Outside View- Keyboard



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Inside View- Keyboard

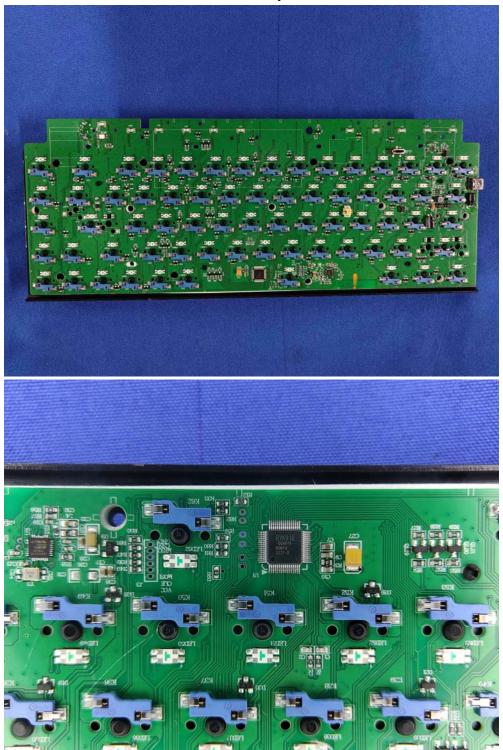


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Inside View- Keyboard

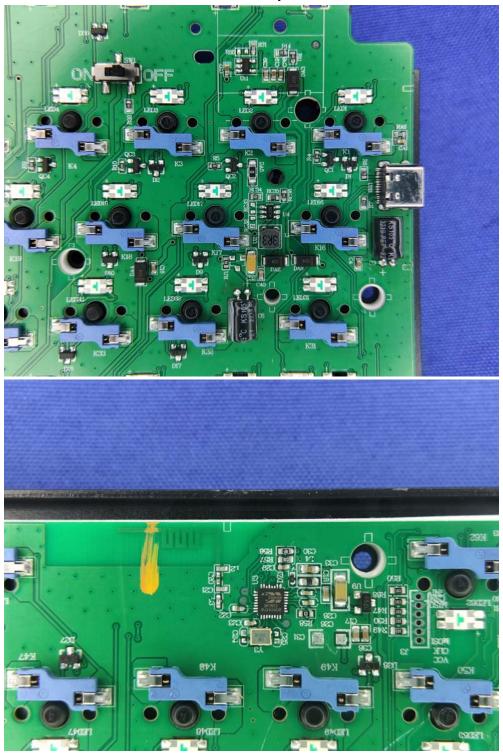


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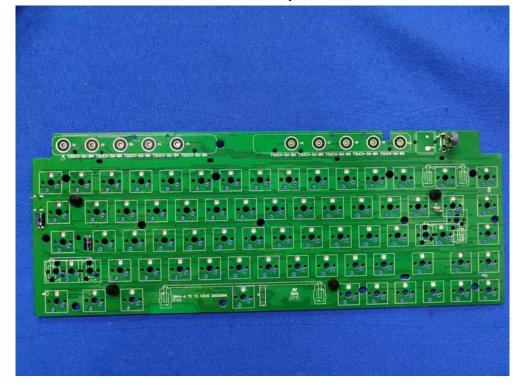
Inside View- Keyboard



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Inside View- Keyboard



--End of the Report--

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