



File reference No.: 2022-03-10

Applicant: Eastern Times Technology Co.,Ltd

Product: 3 MODES 78 KEY MECHANICAL KEYBOARD

Model No.: K626P-KBS, ET-8652, ET-8653, ET-8768, ET-8772,

K626P-KNS, K626P-KRS, K626P-WBS, K626P-WNS,

K626P-WRS

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 Tang

Manager

Dated: March 10, 2022

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

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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 17025:2005 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

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Test Report Conclusion

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The report refers only to the sample tested and does not apply to the bulk.

10.0

11.0

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FCC ID Label....

Photo of Test Setup and EUT View.

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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.,Ltd

Address: Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town, Dongguan City,

Guangdong, China.

Telephone: -Fax: --

1.3 Description of EUT

Product: 3 MODES 78 KEY 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: K626P-KBS

Additional Model Name ET-8652, ET-8653, ET-8768, ET-8772, K626P-KNS, K626P-KRS,

K626P-WBS, K626P-WNS, K626P-WRS

Rating: DC5V, 780mA or 3.7V, 250mA
Battery DC3.8V, 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

Serial No.: RDK626P-KBS22022600707

Antenna Designation PCB antenna with gain -1.85dBi Max (Declared by the Manufacturer)

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1.4 Submitted Sample: 1 Sample

1.5 Test Duration

2022-03-03 to 2022-03-10

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

The sample tested by

Print Name: Andy Xing

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	2021-06-18	2022-06-17		
LISN	R&S	EZH3-Z5	100294	2021-06-18	2022-06-17		
LISN	R&S	EZH3-Z5	100253	2021-06-18	2022-06-17		
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2021-06-18	2022-06-17		
Loop Antenna	EMCO	6507	00078608	2021-06-18	2024-06-17		
Spectrum	R&S	FSIQ26	100292	2021-06-18	2022-06-17		
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2021-07-02	2024-07-01		
Horn Antenna	R&S	BBHA 9120D	9120D-631	2021-07-02	2024-07-01		
Power meter	Anritsu	ML2487A	6K00003613	2021-06-18	2022-06-17		
Power sensor	Anritsu	MA2491A	32263	2021-06-18	2022-06-17		
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2021-07-02	2024-07-01		
9*6*6 Anechoic			N/A	2021-07-02	2022-07-01		
EMI Test Receiver	RS	ESVB	826156/011	2021-06-18	2022-06-17		
EMI Test Receiver	RS	ESH3	860904/006	2021-06-18	2022-06-17		
Spectrum	HP/Agilent	ESA-L1500A	US37451154	2021-06-18	2022-06-17		
Spectrum	HP/Agilent	E4407B	MY50441392	2021-06-18	2022-06-17		
Spectrum	RS	FSP	1164.4391.38	2022-01-15	2023-01-14		
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA		2021-06-18	2022-06-17		
RF Cable	Zhengdi	7m		2021-06-18	2022-06-17		
RF Switch	EM	EMSW18	060391	2021-06-18	2022-06-17		
Pre-Amplifier	Schwarebeck	BBV9743	#218	2021-06-18	2022-06-17		
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2021-06-18	2022-06-17		
LISN	SCHAFFNER	NNB42	00012	2022-01-05	2023-01-04		

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	heen tested	according t	to the f	following	specifications:
THE LUI HAS	DECH IESTEN	i accorume i	ւս աե ւ	UHUWHE	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 and RSS-210	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**

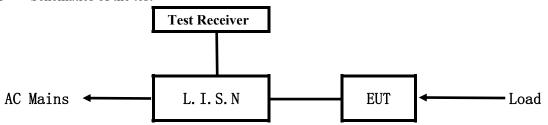
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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5. Power Line Conducted Emission Test

5.1 Schematics of the test

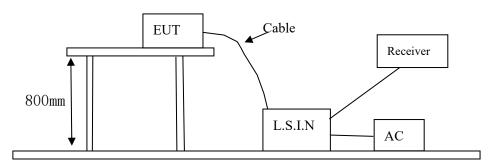


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2014. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.4 –2014.

Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.4-2014. 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

Device	Manufacturer	Model	FCC ID
3 MODES 78 KEY MECHANICAL KEYBOARD	Eastern Times Technology Co.,Ltd	K626P-KBS, ET-8652, ET-8653, ET-8768, ET-8772, K626P-KNS, K626P-KRS, K626P-WBS, K626P-WNS, K626P-WRS	TUVET-8652

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B. Internal Device

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 C63.4 -2014

- 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	verage Level		
$0.15 \sim 0.50$	66.0~56.0*	56.0~ 6.0*		
$0.50 \sim 5.00$	56.0	46.0		
5.00 ~ 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

Date: 2022-03-10



A: Conducted Emission on Live Terminal (150kHz to 30MHz)

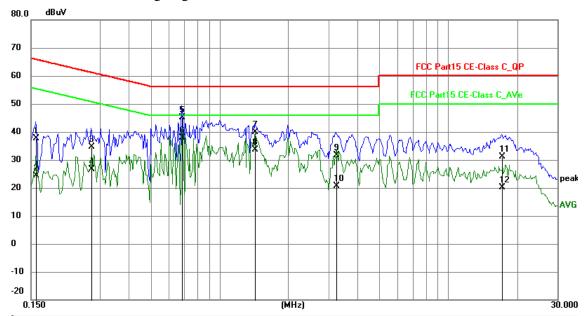
EUT Operating Environment

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



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1578	27.79	9.78	37.57	65.58	-28.01	QP	Р
2	0.1578	14.72	9.78	24.50	55.58	-31.08	AVG	Р
3	0.2748	24.92	9.75	34.67	60.97	-26.30	QP	Р
4	0.2748	16.86	9.75	26.61	50.97	-24.36	AVG	Р
5	0.6843	35.37	9.78	45.15	56.00	-10.85	QP	Р
6	0.6843	28.11	9.78	37.89	46.00	-8.11	AVG	Р
7	1.4292	29.97	9.79	39.76	56.00	-16.24	QP	Р
8	1.4292	23.88	9.79	33.67	46.00	-12.33	AVG	Р
9	3.2262	21.70	9.85	31.55	56.00	-24.45	QP	Р
10	3.2262	10.83	9.85	20.68	46.00	-25.32	AVG	Р
11	17.1609	20.52	10.51	31.03	60.00	-28.97	QP	Р
12	17.1609	9.69	10.51	20.20	50.00	-29.80	AVG	Р

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B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

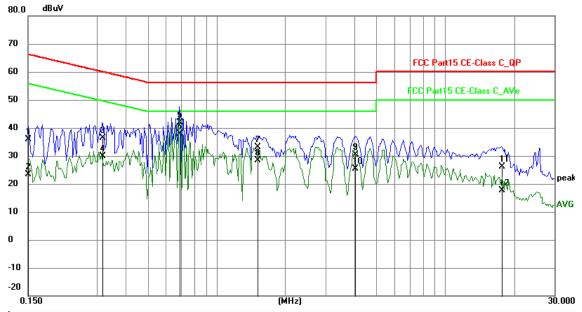
EUT Operating Environment

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



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1500	26.12	9.79	35.91	66.00	-30.09	QP	Р
2	0.1500	13.65	9.79	23.44	56.00	-32.56	AVG	Р
3	0.3177	26.68	9.76	36.44	59.77	-23.33	QP	П
4	0.3177	20.16	9.76	29.92	49.77	-19.85	AVG	Р
5	0.6882	32.07	9.78	41.85	56.00	-14.15	QP	Р
6	0.6882	28.02	9.78	37.80	46.00	-8.20	AVG	Р
7	1.5033	23.28	9.79	33.07	56.00	-22.93	QP	Л
8	1.5033	18.63	9.79	28.42	46.00	-17.58	AVG	Р
9	4.0374	20.57	9.89	30.46	56.00	-25.54	QP	Р
10	4.0374	15.37	9.89	25.26	46.00	-20.74	AVG	Р
11	17.5977	15.52	10.54	26.06	60.00	-33.94	QP	Р
12	17.5977	7.05	10.54	17.59	50.00	-32.41	AVG	Р

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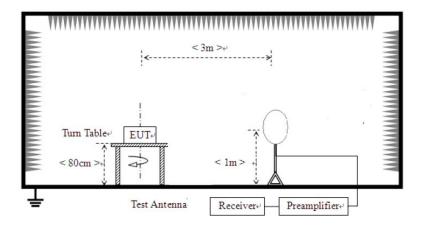


6 Radiated Emission Test

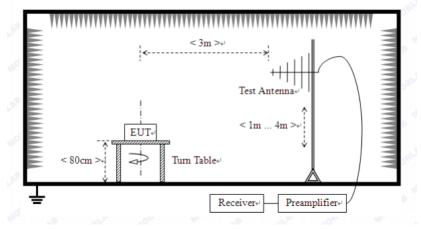
- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size 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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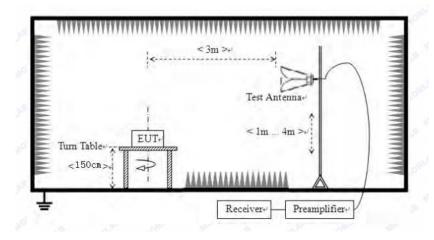
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For radiated emissions above 1GHz



- 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.
- 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 Strength of Fundamental (3m)			Field Strength of Harmonics (3m)		
(MHz)	mV/m	dBuV/m		uV/m	dBuV/m	
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)

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.

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

	1	8 1
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 $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 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. This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.
- 5. 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.
- 6. 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.
- 7. Battery full charged during tests.

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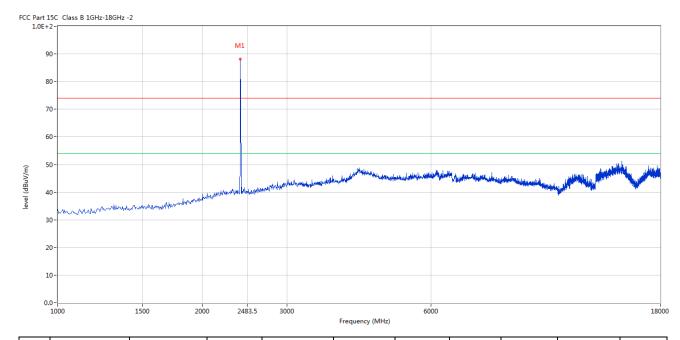


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

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

Horizontal



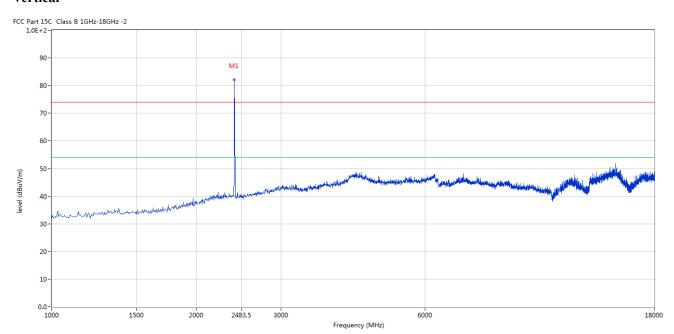
No.	Frequency	Results	Factor	Limit	Over	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	Limit (dB)		(o)	(cm)		
1	2402.406	88.03	-3.57	114.0	-25.97	Peak	258.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402.406	82.37	-3.57	114.0	-31.63	Peak	76.00	100	Vertical	Pass

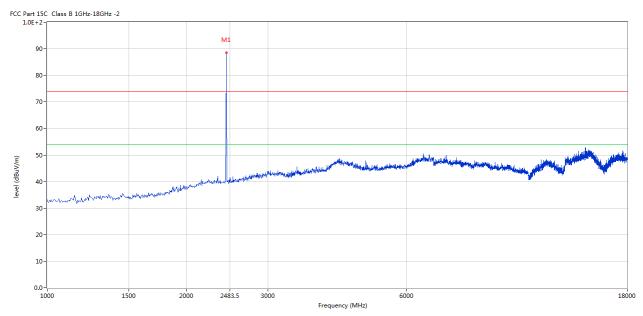
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Please refer to the following test plots for details: Middle Channel-2441MHz

Horizontal



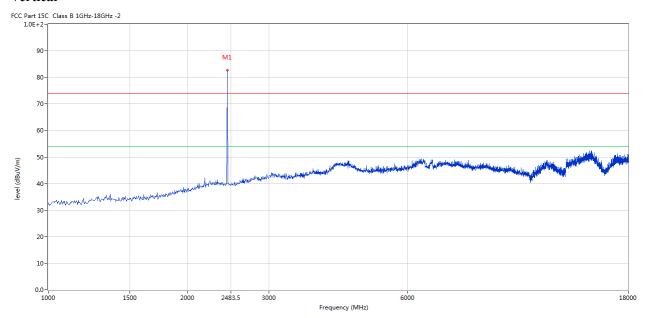
No.	Frequency	Results	Factor	Limit	Over	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	Limit (dB)		(o)	(cm)		
1	2440.405	88.49	-3.57	114.0	-25.51	Peak	269.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2440.405	82.60	-3.57	114.0	-31.40	Peak	331.00	100	Vertical	Pass

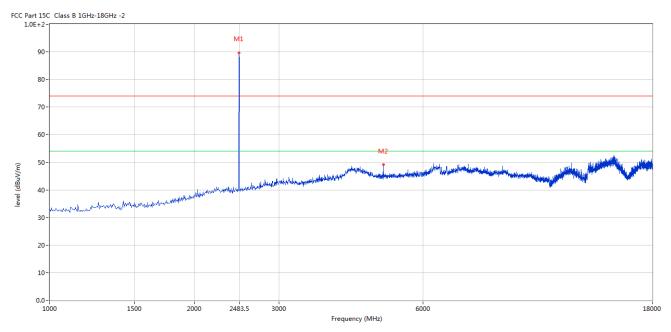
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(0)	(cm)		
1	2479.404	89.52	-3.57	114.0	-24.48	Peak	270.00	100	Horizontal	Pass
2	4960.010	49.06	3.36	74.0	-24.94	Peak	270.00	100	Horizontal	Pass

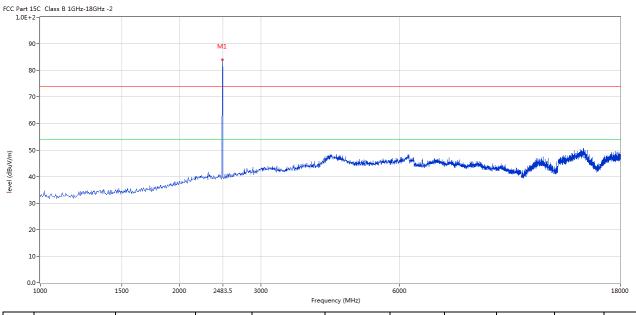
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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2479.404	84.20	-3.57	114.0	-29.80	Peak	333.00	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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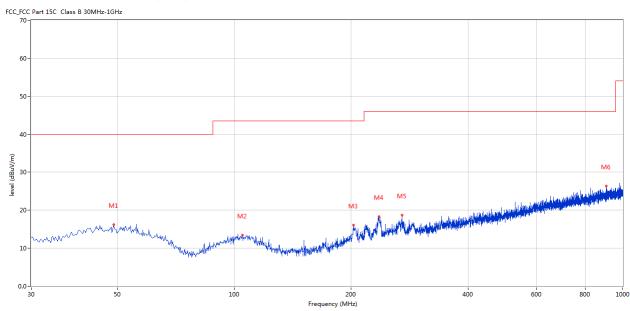


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(0)	(cm)		
1	48.910	16.17	-11.21	40.0	-23.83	Peak	282.00	100	Horizontal	Pass
2	104.914	13.39	-13.23	43.5	-30.11	Peak	52.00	100	Horizontal	Pass
3	202.859	16.07	-13.42	43.5	-27.43	Peak	1.00	100	Horizontal	Pass
4	235.831	18.33	-12.45	46.0	-27.67	Peak	187.00	100	Horizontal	Pass
5	270.015	18.67	-11.75	46.0	-27.33	Peak	350.00	100	Horizontal	Pass
6	907.146	26.40	-1.75	46.0	-19.60	Peak	44.00	100	Horizontal	Pass

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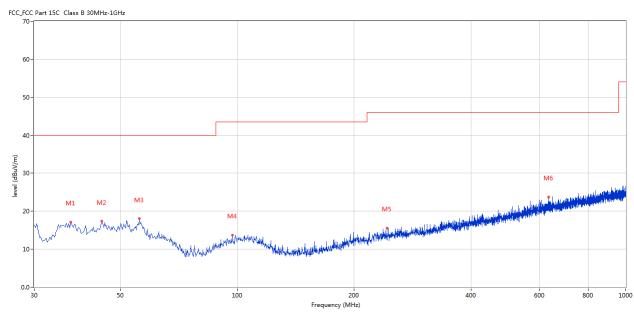


Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	37.273	17.09	-13.06	40.0	-22.91	Peak	100.00	100	Vertical	Pass
2	44.789	17.34	-11.42	40.0	-22.66	Peak	350.00	100	Vertical	Pass
3	55.941	18.00	-12.00	40.0	-22.00	Peak	311.00	100	Vertical	Pass
4	97.156	13.71	-13.90	43.5	-29.79	Peak	134.00	100	Vertical	Pass
5	242.862	15.58	-12.17	46.0	-30.42	Peak	120.00	100	Vertical	Pass
6	634.159	23.74	-4.86	46.0	-22.26	Peak	52.00	100	Vertical	Pass

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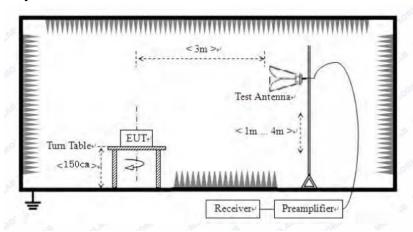


7. Band Edge

7.1 Test Method and test Procedure:

- (1) 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.

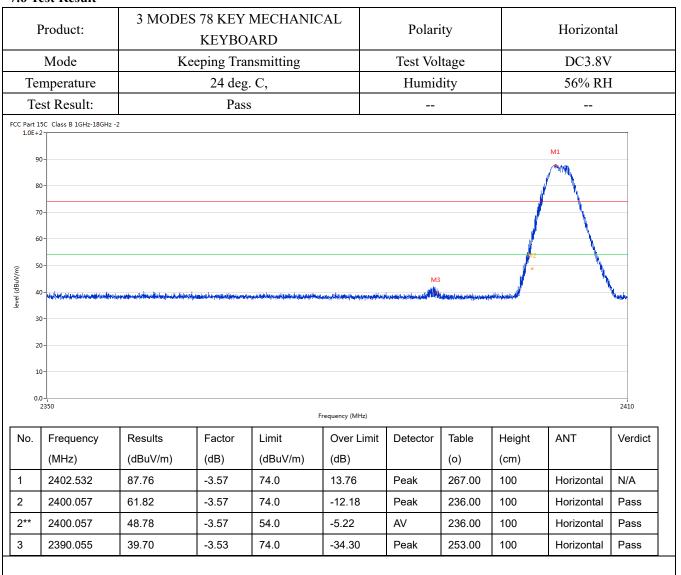
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7.6 Test Result

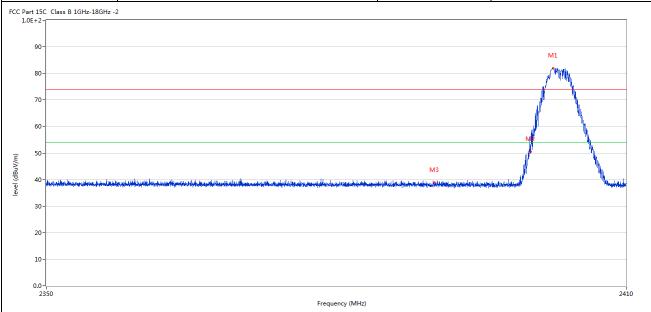


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Product:	3 MODES 78 KEY MECHANICAL KEYBOARD	Detector	Vertical
Mode	Keeping Transmitting	Test Voltage	DC3.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		-



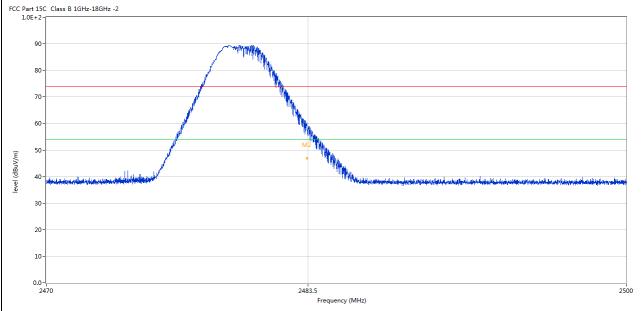
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402.367	81.90	-3.57	74.0	7.90	Peak	73.00	100	Vertical	N/A
2	2400.012	50.54	-3.57	74.0	-23.46	Peak	73.00	100	Vertical	Pass
3	2390.025	38.75	-3.53	74.0	-35.25	Peak	17.00	100	Vertical	Pass

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Product:	3 MODES 78 KEY MECHANICAL KEYBOARD	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC3.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2479.935	89.42	-3.57	74.0	15.42	Peak	272.00	100	Horizontal	N/A
2	2483.429	60.28	-3.57	74.0	-13.72	Peak	272.00	100	Horizontal	Pass
2**	2483.429	46.92	-3.57	54.0	-7.08	AV	272.00	100	Horizontal	Pass

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	Product:	3 MODES	78 KEY N	MECHANICA	AL KEYBOA	ARD	Vertical				
	Mode		Keepir	-	Test Voltage D			C3.8V			
Te	emperature		24 deg. C,						Humidity 56% R		
Te	est Result:			Pass							
CC Part :	15C Class B 1GHz-18GHz	-2									
	90-										
2	90-		VII.								
8	80-			"NAME OF THE PARTY							
7	70-		f								
6	50-		<i>[</i>								
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س/Agn (dBuv) ا	10	section to the section of the sectio			The second secon	mad ngil naturah andis kangkap	ndinnadis parasitans	^a rragi umbrita, gondelų gibėj	of manifest and the section of		
س/Agn (dBuv) ا	40	internal collections of the second		2483.5	quency (MHz)	માત્રક (નાકોન્સનો સ્ટેક્સ સ્ટેક	adiroadiragenakan	o transfer i militaria, mondele platele	ed, medicinally family consumer	2500	
س/Agn (dBuv) ا	10	Results	Factor	2483.5		Detector	Table	Height	ANT		
س/(App) اماها (۱۹۳۵) الماها (10		Factor (dB)	2483.5 Fre	quency (MHz)					2500	
س/(App) اماها (۱۹۳۵) الماها (10	Results		2483.5 Fre	quency (MHz) Over Limit		Table	Height		2500	
L/(ngp) laval	10- 20- 2470 Frequency (MHz)	Results (dBuV/m)	(dB)	2483.5 Fre Limit (dBuV/m)	oquency (MHz) Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	2500 Verdid	

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 -1.85dBi Max. It fulfills the requirement of this section. Test Result: Pass

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Product:	3 MODES 78 KEY MECHANICAL KEYBOARD				Test Mode:	Keep transmitting			
Mode	Ke	eping Transmi	tting	Т	Test Voltage	DC3.8V			
Temperature	24 deg. C, Pass				Humidity		56%	RH	
Test Result:					Detector		Pk	(
20dB Bandwidth		2.605MHz							
Ref Lvl	ndB		00 dB	RBW VBW	300 ki	Hz	F Att	20 dB	
10 dBm	BW	2.605210	42 MHz	SWT	5 ms	s Uı	nit	dBm	l Ta
0					V 1	[T1]	-6 2.40240	.16 dBm 381 GHz	A
-10		1			ndB BW ✓ T1	[T1]	20 2.60521 -26	.00 dB 042 MHz .15 dBm	
				~^	V _V	[T1]	2.40158 -26		
1MAX	T1	June 1				T2	2.40418	737 GHz	1M
-30	June View I						~~~	1	
-40 MM							-	June 1	
-50									
-60									
-70									
-80									
-90 Center 2.	403 GHz		500 kHz	/			Spa	n 5 MHz	

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Product:	3 MODES 78 KEY MECHANICAL KEYBOARD				Test Mode:		Keep transmitting		
Mode	Keeping Transmitting				Test Voltage		DC3.8V		
Temperature	24 deg. C,				Humidity		569	% RH	
Test Result:	Pass				Detector]	PK	
20dB Bandwidth	2								
Ref Lvl 10 dBm	Marker ndB BW	7	RBW 7BW SWT	100 kF 300 kF 5 ms	łz				
0			1		v₁ ndB BW V₁	[T1]	2.44040 20 2.44488	0.00 dB	A
-10		// //		\	V _T ,	[T1]	-23 2.43974 -23	.65 dBm	
1MAX						\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2.44218	737 GHz	1MA
-40						\w	~ww~	4	
-50 M								Yu.	
-60									
-70									
-80									
	.441 GHz .MAR.2022 18	500	kHz/	,			Spa	n 5 MHz	

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Product:	3 MODES 78 KEY MECHANICAL KEYBOARD				Test Mode:			Keep transmitting		
Mode	Keeping Transmitting				Test Voltage		:	DC	C3.8V	
Temperature	24 deg. C,					Humidity		569	% RH	
Test Result:		Pass				Detector]	PK	
20dB Bandwidth	2	2.285MHz								
Ref Lvl 10 dBm	Marker ndB BW	1 [T1 n 20. 2.284569	00 dB	V	BW BW WT	100 ki 300 ki 5 m	Hz	F Att	20 dB	
0		1	<u></u>	\		ndF BW	[T1]	2.47940 20 2.28456	0.00 dB	A
-20					~		(T1)	2.47889 -25 2.48117		
-30	***						T2		, 55 3112	1MA
-40								Mary Mary	Vy.	
-50									Muy	
-60										
-70										
-80										
Center 2		:11:29	500	kHz/				Spa	an 5 MHz	-

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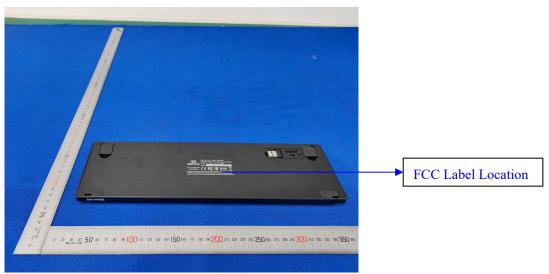
10.0 FCC ID Label

FCC ID: TUVET-8652

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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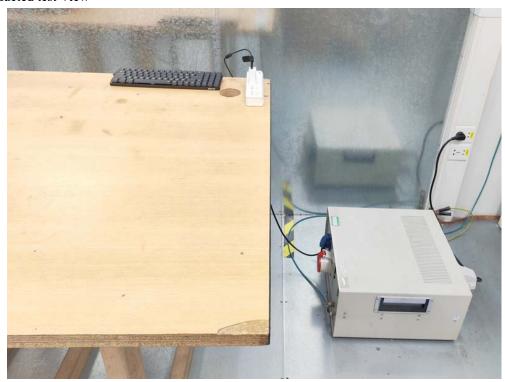
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11.0 Photo of testing

11.1 Conducted test View--



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Radiated emission test view



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11.2 Photographs-EUT

Outside View



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Outside View





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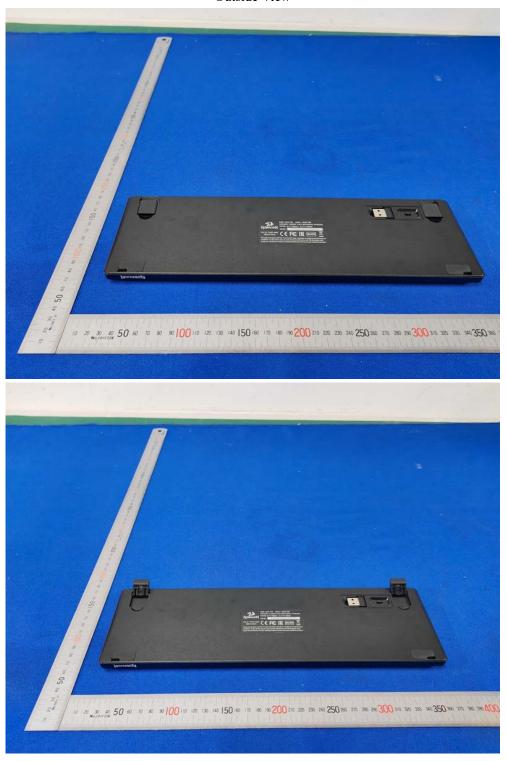
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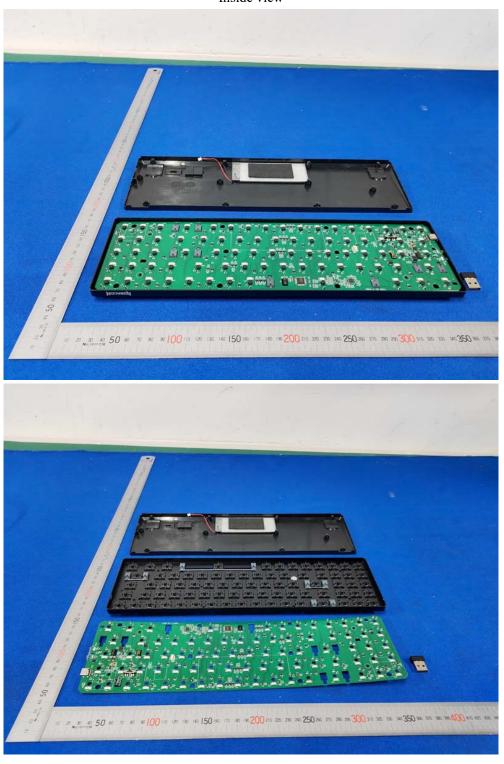
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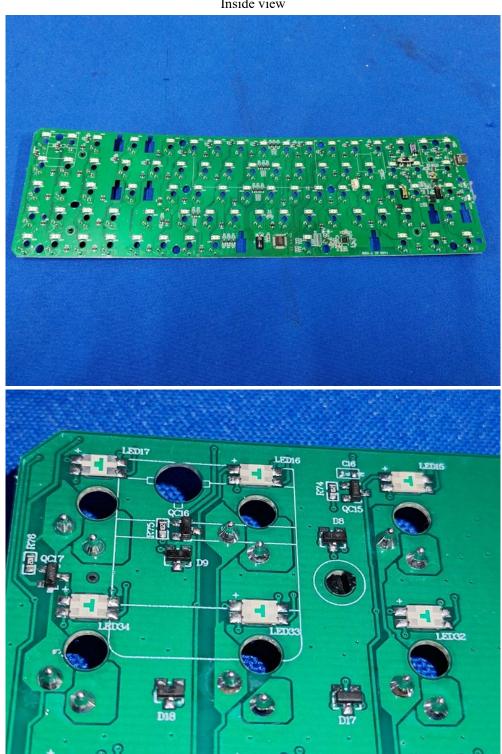
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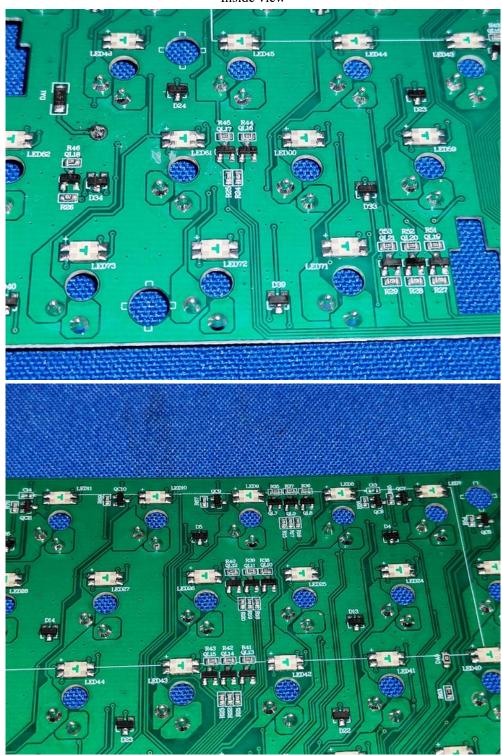
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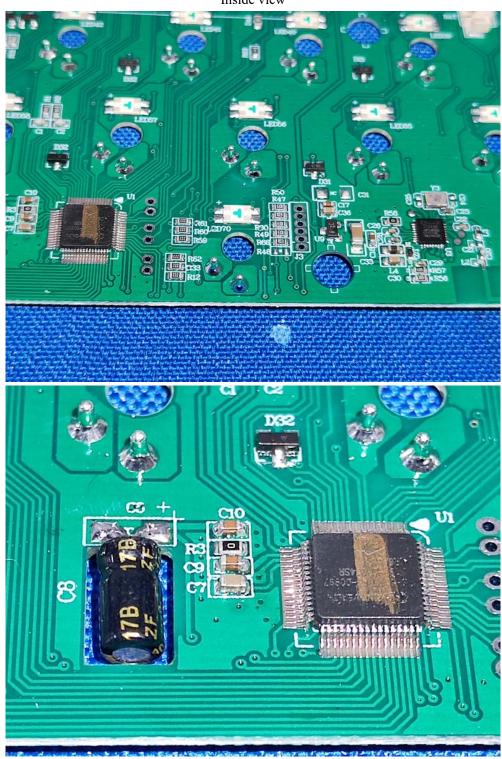
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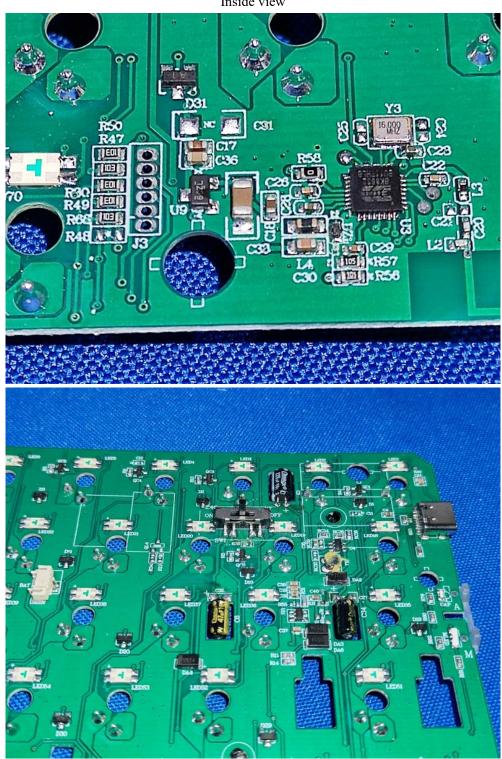
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Inside view



The report refers only to the sample tested and does not apply to the bulk.

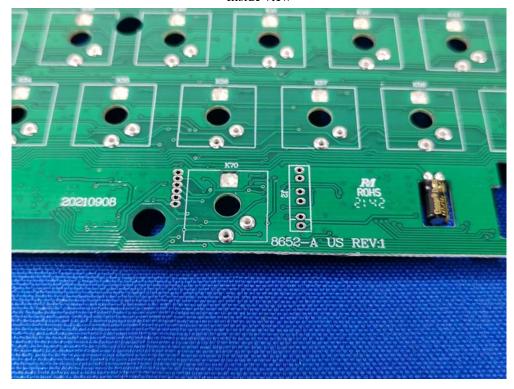
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Inside view



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