



File reference No.: 2021-12-11

Applicant: Eastern Times Technology Co.,Ltd

Product: WIRELESS MULTIMODE KEYBOARD

Model No.: I-602, ET-8605, ET-8556, ET-8591, ET-8592, ET-8557,

ET-8605, ET-8606

Trademark: ET

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

rangraph 13.219 regulations for the

electromagnetic compatibility

Approved By

Jack Chung

Jack Chung

Manager

Dated: December 11, 2021

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

Date: 2021-12-11



Test Report Conclusion

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

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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: WIRELESS MULTIMODE KEYBOARD

Manufacturer: Eastern Times Technology Co.,Ltd

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

Dongguan City, Guangdong, China.

Trademark: ET Model Number: I-602

Additional Model Name ET-8605, ET-8556, ET-8591, ET-8592, ET-8557, ET-8605, ET-8606

Rating: DC5V, 200mA

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.: 21H0019

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

1.4 Submitted Sample: 1 Sample

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1.5 Test Duration

2021-10-20 to 2021-12-11

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

Terry Tang

The sample tested by

Print Name: Terry Tang

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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	2021-01-16	2022-01-15
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	2021-01-06	2022-01-05

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 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

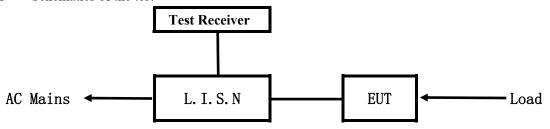
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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5. Power Line Conducted Emission Test

5.1 Schematics of the test

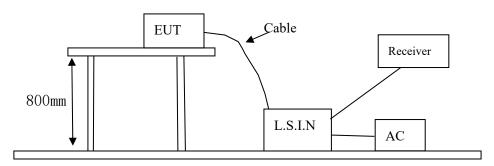


EUT: Equipment Under Test

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
WIRELESS MULTIMODE KEYBOARD	Eastern Times Technology Co.,Ltd	I-602, ET-8605, ET-8556, ET-8591, ET-8592, ET-8557, ET-8605, ET-8606	TUVI-602

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

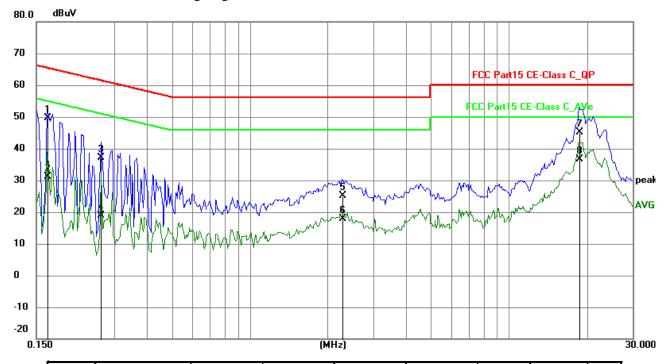
EUT Operating Environment

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	0.1655	39.92	9.77	49.69	65.18	-15.49	QP	Р
2	0.1655	21.33	9.77	31.10	55.18	-24.08	AVG	Р
3	0.2670	27.30	9.75	37.05	61.21	-24.16	QP	Р
4	0.2670	9.16	9.75	18.91	51.21	-32.30	AVG	Р
5	2.2755	15.37	9.81	25.18	56.00	-30.82	QP	Р
6	2.2755	7.96	9.81	17.77	46.00	-28.23	AVG	Р
7	18.6663	34.54	10.60	45.14	60.00	-14.86	QP	Р
8	18.6663	25.96	10.60	36.56	50.00	-13.44	AVG	Р

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

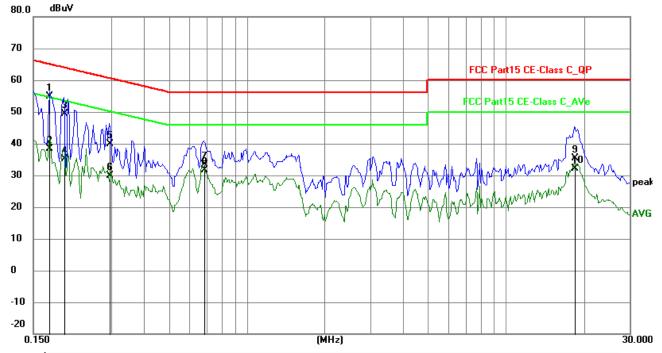
EUT Operating Environment

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	0.1726	45.21	9.77	54.98	64.83	-9.85	QP	Р
2	0.1726	28.67	9.77	38.44	54.83	-16.39	AVG	Р
3	0.1968	39.61	9.75	49.36	63.74	-14.38	QP	Р
4	0.1968	25.36	9.75	35.11	53.74	-18.63	AVG	Р
5	0.2943	30.01	9.76	39.77	60.40	-20.63	QP	Р
6	0.2943	20.22	9.76	29.98	50.40	-20.42	AVG	Р
7	0.6843	23.65	9.78	33.43	56.00	-22.57	QP	Р
8	0.6843	21.85	9.78	31.63	46.00	-14.37	AVG	Р
9	18.4516	24.87	10.59	35.46	60.00	-24.54	QP	Р
10	18.4516	21.46	10.59	32.05	50.00	-17.95	AVG	Р

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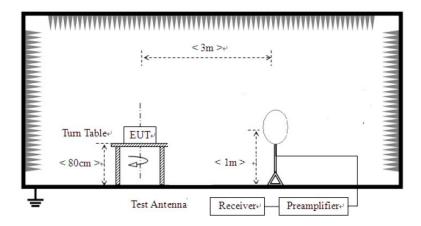


6 Radiated Emission Test

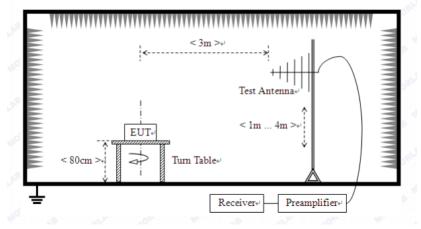
- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size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



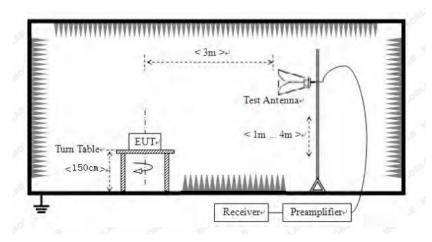
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For radiated emissions above 1GHz



- 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	dBu	V/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.

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. 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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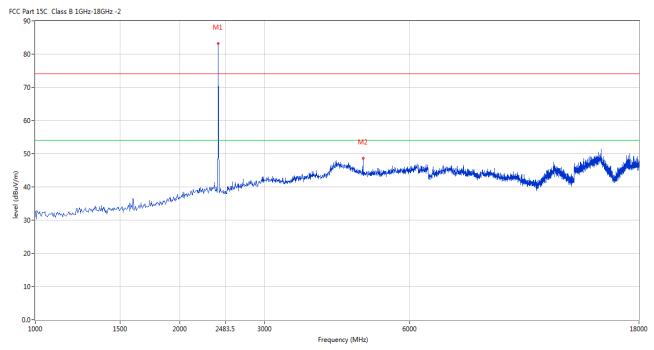


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

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

Horizontal



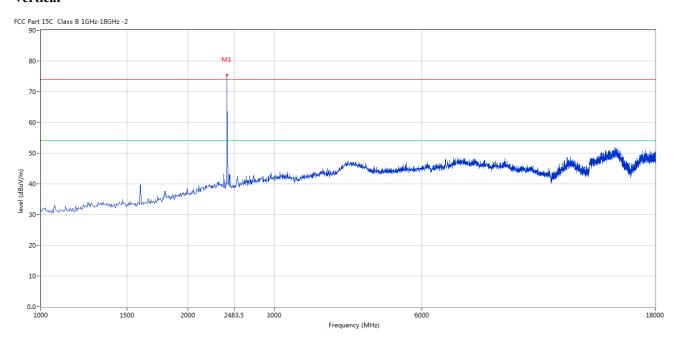
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402.789	83.20	-3.57	114.0	-30.80	Peak	157.00	100	Horizontal	Pass
2	4805.799	48.59	3.12	74.0	-25.41	Peak	192.00	100	Horizontal	Pass

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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	2402.789	75.63	-3.57	114.0	-38.37	Peak	171.00	100	Vertical	Pass

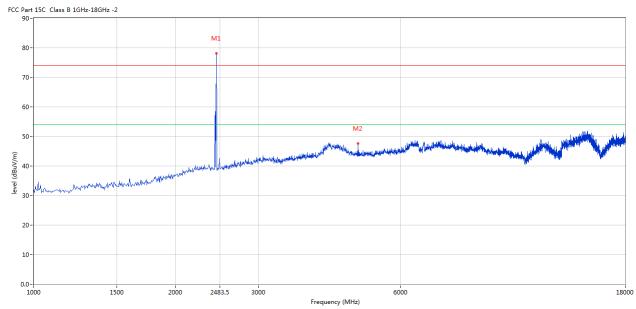
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Please refer to the following test plots for details: Middle Channel-2441MHz

Horizontal



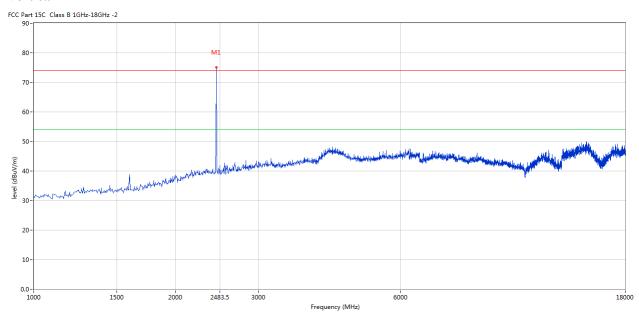
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2440.792	78.14	-3.57	114.0	-35.86	Peak	119.00	100	Horizontal	Pass
2	4881.280	47.69	3.20	74.0	-26.31	Peak	61.00	100	Horizontal	Pass

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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	2440.792	75.17	-3.57	114.0	-38.83	Peak	181.00	100	Vertical	Pass

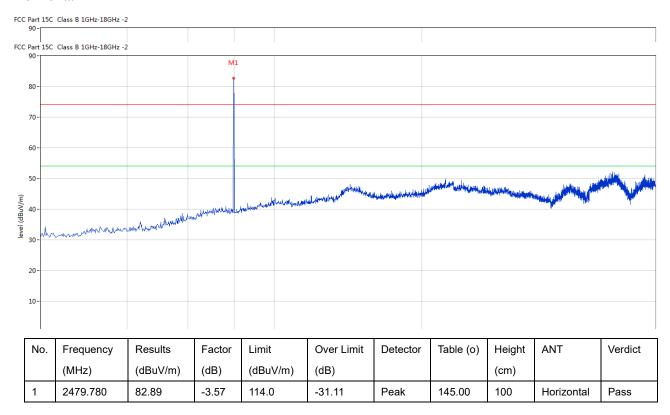
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal



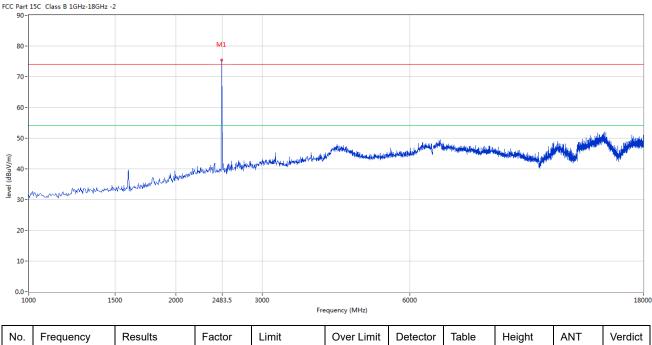
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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2479.780	76.12	-3.57	114.0	-37.88	Peak	208.00	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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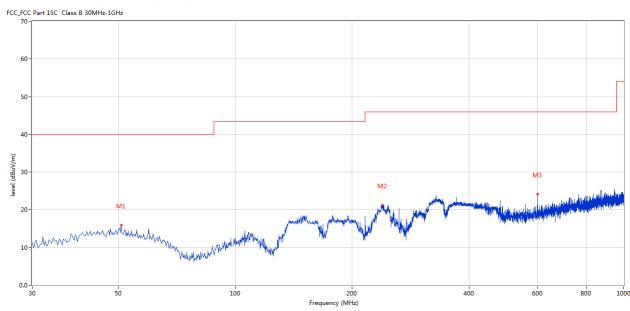


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

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)		(o)	(cm)		
1	50.850	16.00	-11.40	40.0	-24.00	Peak	324.00	100	Horizontal	Pass
2	239.225	24.30	-12.38	46.0	-21.70	Peak	293.00	100	Horizontal	Pass
3	599.975	24.19	-4.95	46.0	-21.81	Peak	345.00	100	Horizontal	Pass

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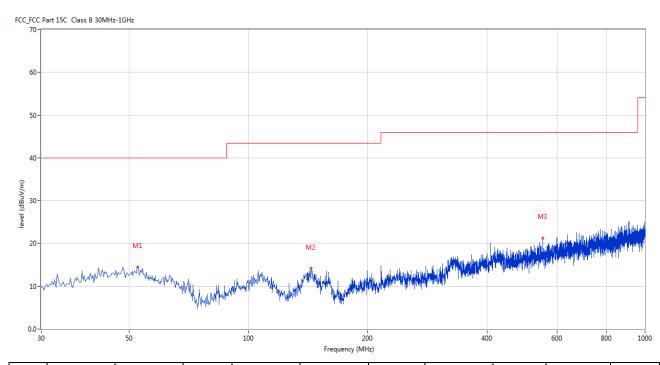


Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	52.547	14.50	-11.46	40.0	-25.50	Peak	17.00	100	Vertical	Pass
2	143.704	14.17	-17.14	43.5	-29.33	Peak	17.00	100	Vertical	Pass
3	551.972	21.31	-6.37	46.0	-24.69	Peak	17.00	100	Vertical	Pass

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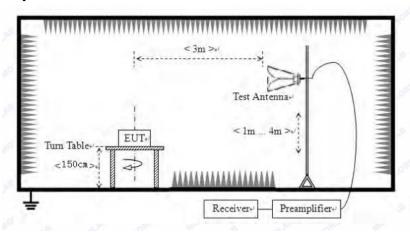


7. Band Edge

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.

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

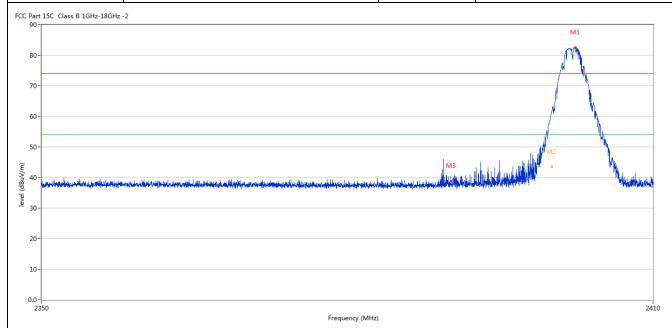
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7.6 Test Result

Product:	WIRELESS MULTIMODE 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 (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402.877	82.63	-3.57	74.0	8.63	Peak	158.00	100	Horizontal	N/A
2	2399.998	59.07	-3.57	74.0	-14.93	Peak	163.00	100	Horizontal	Pass
2**	2399.998	43.99	-3.57	54.0	-10.01	AV	163.00	100	Horizontal	Pass
3	2390.025	38.87	-3.53	74.0	-35.13	Peak	154.00	100	Horizontal	Pass

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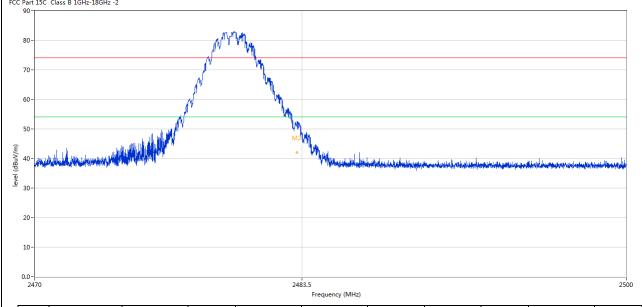
Pr	roduct:	W		S MULTIM	ODE	Dete	ctor		Vertica	ıl
	Mode	_		YBOARD Transmitti	nσ	Test Vo	oltage		DC3.8	V
	nperature		Keeping Transmitting 24 deg. C,		ng	Humi		56% R		
	t Result:	+		Pass						11
	Class B 1GHz-18GH:	 z -2		1 435						
70-										
40-			angah dilapin adalah d	italistorapidist littainpero	de de la companie	Hada o pollocka lossi dalida gan	Me		h2 •	
	سرافيها واسترافه والمادوالي		handa dhirth an dear	ideal description to the second con-	adalah da da kasabana	ika kayalla kalasi di kaya	MS .		•	Mark Market
40-	with the second second	adalas and desired the second state of the second	hander bloom to be a	dan da ayay da da bayayayayay	atidas de descripción	katurpilan kalululuk gap			h2 •	Mark Market
30-	wilefalos despuis desiralis,		hdaga dhibhadhlan	the transfer of the second	etalise da da un man	katuratek bilata da			h2 •	Madelinada
30- 20-	ng kapladya, and a distribuy sig plants alla		hayaa lakka aa dhaa		orbital and an analysis of the second	hahayila balah ay	MB I		h2 •	The American Market State of the State of th
30- 20-	ng bagging and a basis of a state of the		hayas lakka ka abaka c		Frequency (MHz				h2 •	A Control of the Cont
30- 20- 10- 0.0- 2350	Frequency	Results	Factor	Limit			Table (o)	Height	ANT	Verdict
30- 20- 10- 0.0- 2950	Frequency (MHz)				Frequency (MHz)	Table (o)	Height (cm)	ANT	1
30- 20- 10- 0.0- 2350		Results	Factor	Limit	Frequency (MHz)	Table (o)	_	ANT Vertical	1
30- 20- 10- 2350	(MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Frequency (MHz Over Limit (dB)	Detector		(cm)		Verdict
30- 20- 10- 0.0- 2350	(MHz) 2402.552	Results (dBuV/m) 75.08	Factor (dB)	Limit (dBuV/m) 74.0	Frequency (MHz Over Limit (dB) 1.08	Detector Peak	178.00	(cm)	Vertical	Verdict N/A

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Product:	WIRELESS MULTIMODE KEYBOARD	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC3.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		
FCC Part 15C Class B 1GHz-18GHz -2 90 - 80 -	W. W		



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2480.040	82.86	-3.57	74.0	8.86	Peak	150.00	100	Horizontal	N/A
2	2483.249	52.67	-3.57	74.0	-21.33	Peak	155.00	100	Horizontal	Pass
2**	2483.249	42.06	-3.57	54.0	-11.94	AV	155.00	100	Horizontal	Pass

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]	Product: WIRELESS MULTIMO KEYBOARD				Б	etector	Vertical			
	Mode Keeping Transmitting				Tes	Test Voltage DC3.8			3.8V	
Te	mperature		;. C,	Humidity			56% RH			
Te	Test Result: Pass									
CC Part 1	L5C Class B 1GHz-18GHz	-2			'		1			
80- 70-			A PARTICIPATION OF THE PARTICI	MA _{MA}						
50 - (w/\ngp) 40 - 30 - 20 -	hadid firstende in maddal astrill as in th	in with well and the best of the control of the con		The state of the s	and the district of the second	أطارخ احيمان أطاليم بهدخاه	hdibha dhimisha mala b	Marija de la	ali, muda i-felicia g medina).	ng tradiciply
50 - (Eu/Anga) 40 - 30 -	nakid dinakulatur ang idahaka prija an ind	and had been a second of the s			ngan kalalan di saka di dikaban kan ninga	Alfrig Pagai Johi Happya daka	ri Ukadistatakan dal	griph de volte donner	Alexandrich Polonic (Madies)	age, J. Arli
50- (W/Anga) laval 30- 20-	hadid Asirkalda o asirkida da erridi asirki	heardhaidheadh leabh dhife dhi			apokatida eli jate ja alkain sanon k	Alfred In such Alfred Service Albert	hdishindakeendah	i i i i i i i i i i i i i i i i i i i	Aleman de l'Aleman	ميمبر المالية المالية
50- (w/Ango) aoai 30- 20-		in with a ding to be light him of		2483.5	uency (MHz)	المارية العيمان أطاليم بهدادة	hel Dhina elizabet sherana eli h	ggaladh, nghaibeada	aliyanda irifidira qaradin qi	2500
50- (W/Anga) laval 30- 20-	Frequency	Results	Factor	2483.5		Detector	Table	Height	ANT	2500 Verdie
50 - (w/ngg) iawai 30 - 20 - 10 - 247	1	Results (dBuV/m)	Factor (dB)	2483.5 Freq.	uency (MHz)					ı
50 - (w/ngg) iawai 30 - 20 - 10 - 247	Frequency			2483.5 Freq	uency (MHz) Over Limit		Table	Height		ı

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:	WIRELESS MULTIMODE KEYBOARD Keeping Transmitting 24 deg. C, Pass				Test Mode: Test Voltage Humidity Detector		Keep transmitting DC3.8V 56% RH		
Mode									
Temperature									
Test Result:							Pk	<u> </u>	
0dB Bandwidth		1.341MHz							
Ref Lvl	ndB	1 [T1 ndB] 20.00 dB	V	BW :	100 kH2	z	Att	20 dB	
0 dBm	BW	1.34068136 MH	z S	WT	5 ms	Un	lt	dBm	1
		1			▼1 [T1]	-7 2.40278	.79 dBm 657 GHz	A
-10			~~~	~~~	ndB ~_BW		20 1.34068		
-20	T.I.				VT1	[T1] 2 7[T1]	-27 2.40230 -27	.76 dBm 561 GHz .91 dBm	
1MAX	My hushila					June 1	2.40364	629 GHz	1M
-50								•	
-60									
-70									
-80									
-90									
100 Center 2.40	3. CII-	30	0 kHz/				Cro.o.	n 3 MHz	

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Product:	WIRELESS MULTIMODE KEYBO	OARD	Test Mode:	Keep transmitting		
Mode	Keeping Transmitting		Test Voltage	DC	C3.8V	
Temperature	24 deg. C,		Humidity	56% RH PK		
Test Result:	Pass		Detector			
20dB Bandwidth	1.347MHz					
Ref Lvl	Marker 1 [T1 ndB]	RBV VBV			20 dB	
0 dBm	BW 1.34669339 MH:			Unit	dBm	
0			<u> </u>			
	1		V 1 [1	[1] -8 2.44079	.49 dBm 259 GHz	
-10		\downarrow	ndB	20	0.00 dB	
		-	BW	1.34669		
-20			VT1	2.44029	.36 dBm	
20	T		▼ _{T2} T2	[T1] -28	960 GHz .68 dBm	
-30	MANUA TANDO			2.44164	1629 GHz	
-30 1MAX -40				When	Markanto Arant	
-50						
-60						
-70						
-80						
-90						
-100 Garatara 2	441 011-) l-II- /			NII-	
Center 2		0 kHz/		Spa	an 3 MHz	
Date: 9.	NOV.2021 08:29:47					

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Product:	WIRELESS MU	LTIMODE KEYBOA	ARD	Test	Mode:		Keep transmitting		
Mode	Keeping Transmitting 24 deg. C, Pass				Voltage		DC3.8V		
Temperature					Humidity Detector		56% RH PK		
Test Result:									
20dB Bandwidth	1								
Ref Lvl	Marker ndB	1 [T1 ndB] 20.00 dB	RE VE		100 ki 300 ki		F Att	20 dB	
0 dBm	BW	1.33466934 MHz	SW	I T	5 ms	s Ur	nit	dBm	
-10		1				[T1]	-9 2.47978		Α
-20			\\\\		ndB BW 7T1	[T1]	20 1.33466 -29	.00 dB 934 MHz .68 dBm	
	Ţ./				∇_{T}	rą r1] V	2.47930 -29	.96 dBm	
-30 1MAX -40 1MAX	WHAMPUR MAN					- John Mark	2.48064	028 GHz	1MA
10)							The state of the s	Maydel	
-50									
-60									
-70									
-80									
-90									
-100 Center 2	2.48 GHz	300	kHz/				Spa	n 3 MHz	
Date: 9	.NOV.2021 08	:42:56					_		

Date: 2021-12-11



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10.0 FCC ID Label

FCC ID: TUVI-602

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--



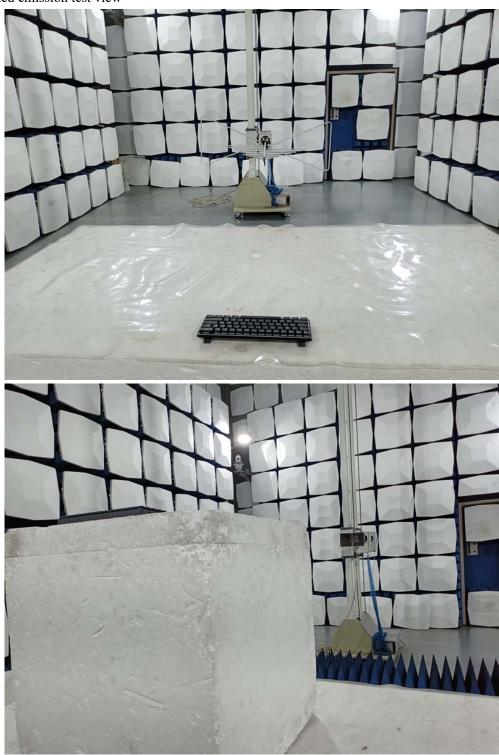
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Radiated emission test view



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11.2 Photographs-EUT

Outside View



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Photographs – EUT

Outside View





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Outside View



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Outside View



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Inside view



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adopt any other remedies which may be appropriate.

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Inside view



-- End of the report--