



Report No.: TW2106083E File reference No.: 2021-06-25

Applicant: Shenzhen Glory Star Technology Industrial Co., Ltd

Product: Wireless Keyboard

Model No.: ST-BK09, MI-L003C

Brand Name: N/A

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



Dated: June 25, 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

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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.

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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: Shenzhen Glory Star Technology Industrial Co., Ltd

Address: Room 2102, Block 1st, Yi Luan Building, Xixiang Road 230, BaoAn District, Shenzhen, China

Telephone: -Fax: --

1.3 Description of EUT

Product: Wireless Keyboard

Manufacturer: Shenzhen Glory Star Technology Industrial Co., Ltd

Address: Room 2102, Block 1st, Yi Luan Building, Xixiang Road 230, BaoAn District,

Shenzhen, China

Brand Name: N/A

Model Number: ST-BK09
Additional Model Name MI-L003C
Hardware Version: DK305
Software Version: 1507

Serial No.: STBK0920210500006
Rating: DC3V, 2pcs AAA batteries

Modulation Type: GFSK

Operation Frequency: 2402-2480MHz

Channel Separation: 2MHz
Channel Number: 40

Antenna Designation PCB antenna with gain 1.83dBi Max (Get from the antenna specification

provided by the applicant)

1.4 Submitted Sample: 1 Sample

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1.5 Test Duration

2021-06-07 to 2021-06-25

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



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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	2022-06-17
Spectrum	R&S	FSIQ26	100292	2021-06-18	2022-06-17
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2021-06-18	2022-06-17
Horn Antenna	R&S	BBHA 9120D	9120D-631	2018-07-09	2021-07-08
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	2018-07-04	2021-07-03
9*6*6 Anechoic			N/A	2020-07-06	2021-07-05
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	2021-01-07	2022-01-06

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 15.207	Conducted Emission Test	N/A	N/A
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

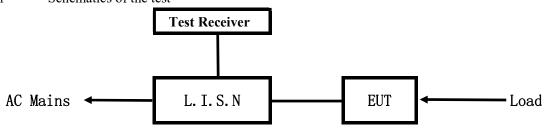
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5. Power Line Conducted Emission Test

5.1 Schematics of the test

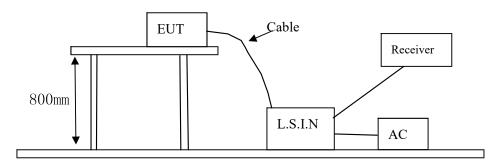


EUT: Equipment Under Test

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 50ohm/50uH as specified by section 5.1 of ANSI C63.10-2013.

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.

40 channels are provided to the EUT

A. EUT

Device	Manufacturer	Model	FCC ID
Winalaga V aybaand	Shenzhen Glory Star Technology	ST-BK09,	2 A C 7 M C T D M 00
Wireless Keyboard	Industrial Co., Ltd	MI-L003C	2AS7V-ST-BK09

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B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

C. Peripherals

Device	Manufacturer	Model	Rating
PC	ThinkPad	R4	-

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

0 0 1				
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:

N/A

Note: EUT powered by AAA Battey, this test item not applicable.

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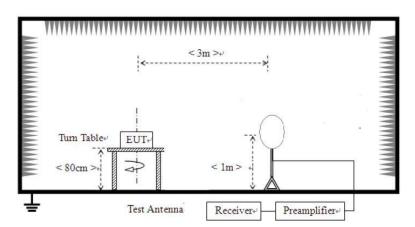


6 Radiated Emission Test

- 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



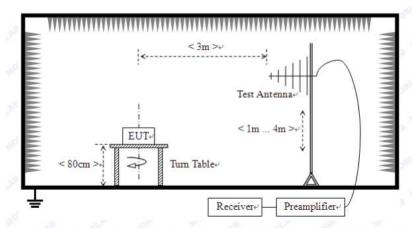
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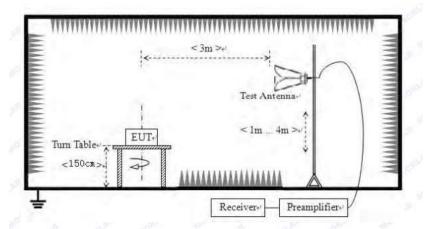
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For radiated emissions from 30MHz to1GHz



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 Strength of Fundamental (3m)			Field S	trength of Harmo	nics (3m)
(MHz)	mV/m	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.

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

Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m
30-88	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. New batteries were used during tests.

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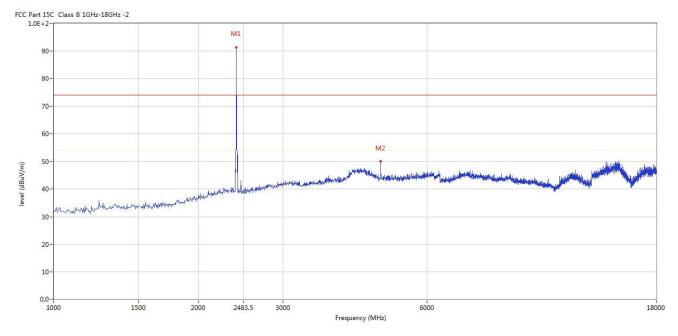


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

Please refer to the following test plots for details: Low Channel-2402MHz

Horizontal



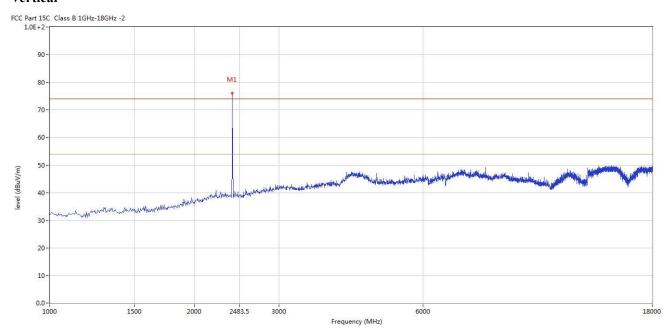
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(0)	(cm)		
1	2402.149	92.10	-3.57	114.0	-21.90	Peak	41.00	100	Horizontal	Pass
2	4798.550	50.15	3.12	74.0	-23.85	Peak	347.00	100	Horizontal	Pass

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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	2402.149	77.57	-3.57	114.0	-36.43	Peak	58.00	100	Vertical	Pass

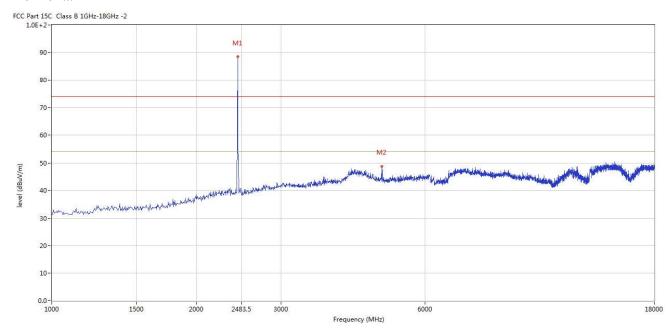
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Please refer to the following test plots for details: Middle Channel-2440MHz

Horizontal



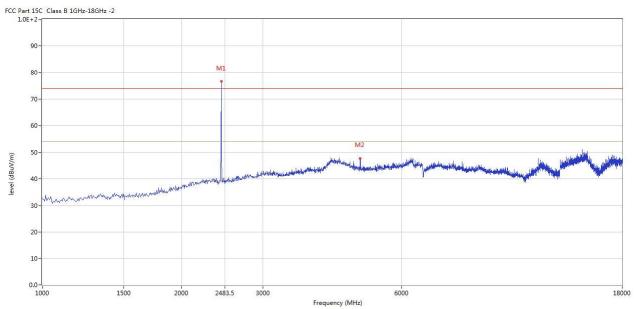
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2440.390	88.96	-3.57	114.0	-25.04	Peak	337.00	100	Horizontal	Pass
2	4875.031	48.84	3.19	74.0	-25.16	Peak	24.00	100	Horizontal	Pass

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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	2440.390	76.69	-3.57	114.0	-37.31	Peak	294.00	100	Vertical	Pass
2	4875.031	47.64	3.19	74.0	-26.36	Peak	242.00	100	Vertical	Pass

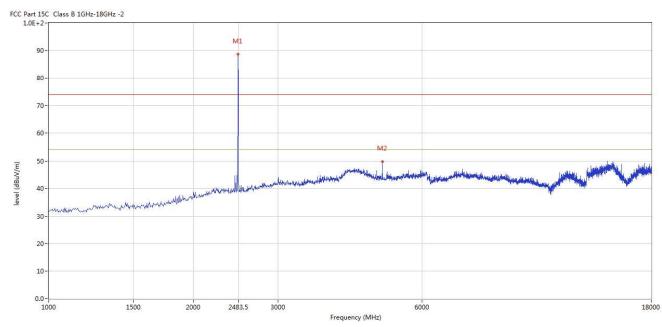
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2478.630	88.71	-3.57	114.0	-25.29	Peak	153.00	100	Horizontal	Pass
2	4960.010	49.72	3.36	74.0	-24.28	Peak	1.00	100	Horizontal	Pass

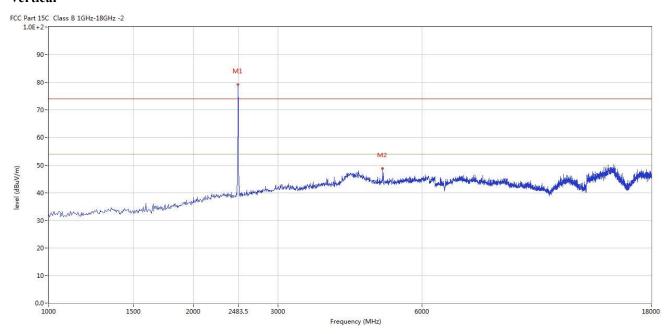
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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2478.630	79.12	-3.57	114.0	-34.88	Peak	286.00	100	Vertical	Pass
2	4960.010	48.69	3.36	74.0	-25.31	Peak	179.00	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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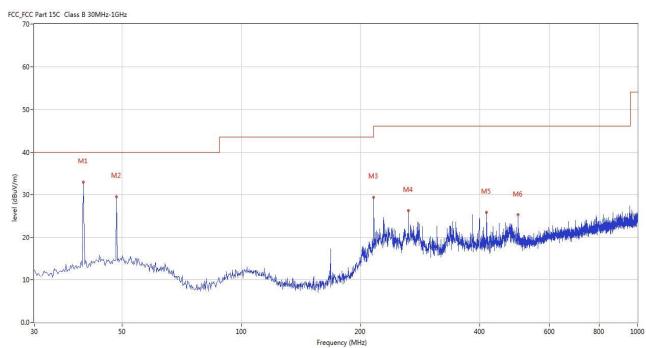


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	39.940	32.93	-12.43	40.0	-7.07	Peak	117.00	100	Horizontal	Pass
2	48.425	29.55	-11.22	40.0	-10.45	Peak	117.00	100	Horizontal	Pass
3	215.951	29.40	-13.60	43.5	-14.10	Peak	87.00	100	Horizontal	Pass
4	263.954	26.19	-11.79	46.0	-19.81	Peak	289.00	100	Horizontal	Pass
5	415.964	25.86	-8.34	46.0	-20.14	Peak	310.00	100	Horizontal	Pass
6	500.090	25.25	-6.91	46.0	-20.75	Peak	261.00	100	Horizontal	Pass

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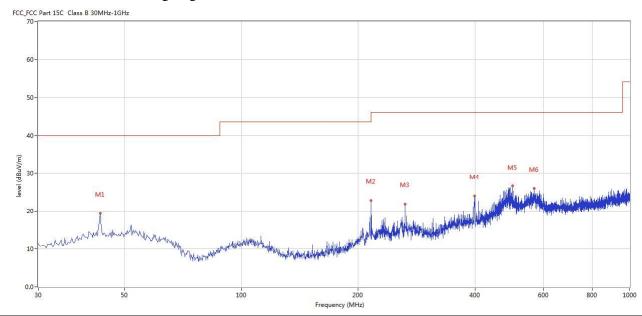


Radiated Emission In Vertical (30MHz----1000MHz)

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	43.334	19.35	-11.49	40.0	-20.65	Peak	240.00	100	Vertical	Pass
2	215.951	22.78	-13.60	43.5	-20.72	Peak	354.00	100	Vertical	Pass
3	263.954	21.83	-11.79	46.0	-24.17	Peak	359.00	100	Vertical	Pass
4	398.265	23.95	-8.67	46.0	-22.05	Peak	344.00	100	Vertical	Pass
5	499.848	26.70	-6.90	46.0	-19.30	Peak	188.00	100	Vertical	Pass
6	568.215	25.99	-5.98	46.0	-20.01	Peak	360.00	100	Vertical	Pass

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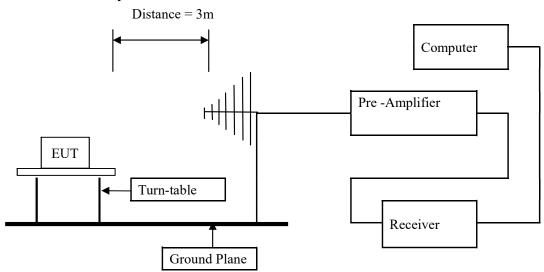


7. Band Edge

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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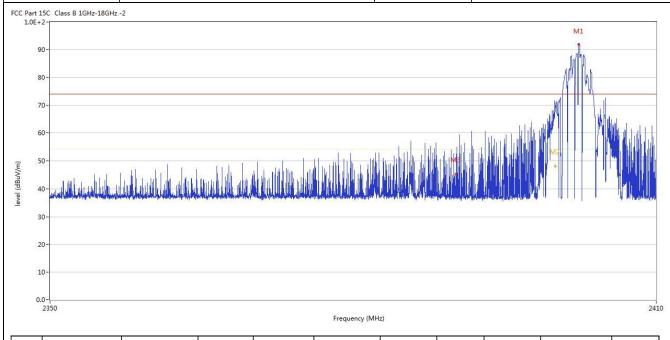
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7.6 Test Result

Product:	Wireless Keyboard	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC3.7V
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)		
2	2399.908	68.55	-3.57	74.0	-5.45	Peak	72.00	100	Horizontal	Pass
2**	2399.908	48.09	-3.57	54.0	-5.91	AV	72.00	100	Horizontal	Pass
3	2389.980	45.15	-3.53	74.0	-28.85	Peak	116.00	100	Horizontal	Pass

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2389.935

37.92

-3.53

74.0



I	Product:		Wireless K	eyboard]	Detector		Ver	tical	
	Mode	K	eeping Tra	nsmitting	Te	st Voltage		DC:	3.7V	
Te	mperature		24 deg	;. C,	ŀ	Iumidity		56%	6 RH	
Te	st Result:		Pas	s				-		
C Part 1	5C Class B 1GHz-18GHz	z -2								
9	0-								M1	
									n.M.	
7	0-							N	Thu	
6	0-							—		
. 5	0-						to a second	. J		
4	0-	والمرباء ومراجه للابراء والمواجه والمارين	ar - San Barra ar a	on more and address detailed				•		
3		Annual College of the second of districts to the Parish for		or commencer of the first of th	and the second s	And the Principle of the Publisher Street		Apple a constraint of the first	,	
3	0-									
2	0-									
1	0-									
0.										
	2350				Frequency (MHz)					24
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verd
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(0)	(cm)		
2	2399.983	56.09	-3.57	74.0	-17.91	Peak	60.00	100	Vertical	Pass
2**	2399.983	45.29	-3.57	54.0	-8.71	AV	60.00	100	Vertical	Pass

-36.08

Peak

100

Vertical

Pass

121.00

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2**

2483.204

48.09



Product:	1	Wireless Keyboard	d	Polarit	ty]	Horizontal	
Mode	K	Keeping Transmittii	ng	Test Volt	tage		DC3.7V	
Temperature		24 deg. C,		Humidi	ity		56% RH	
Test Result:		Pass						
Part 15C Class B 1GHz-18GH 1.0E+2-90-80-70-								
50								
50-			2483.5 Frequency (MHz					2500
30 - 20 - 10 -		Factor Limit (dB) (dBuV/m)	Frequency (MHz		Table (o)	Height (cm)	ANT	2500 Verdic

ΑV

-5.91

267.00

100

Horizontal

Pass

54.0

-3.57

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Product:		Wireless Keyboard			D	etector		Vert	ical		
Mode		Ke	Keeping Transmitting			t Voltage	DC3.7V				
Temperature		24 deg. C,			H	umidity		56% RH			
Test Result:			Pass								
1.0E+	15C Class B 1GHz-18GHz -2										
	30-			h							
		11/4	ווון יון יין	flate 11							
	10-			2			[┍] _╇ ╫╏╠╬┞╇═╈╫╠╸			and the later	
level (dBuV/m)	10 - 44 - 44 - 44 - 44 - 44 - 44 - 44 -								de la contraction de la contra	ardahar.	
level (dBuV/m)	10 -							Mahadalalahan daka	dake akain mak	ar hiriban	
level (dBuV/m)	30-							Mahadadadhahadah	dlaksenbelaninkl	an hiriday.	
level (dBuV/m)	10-			2483.5 Free	quency (MHz)				dladish gdagian inn bh	2500	
level (dBuV/m)	20-	Results	Factor		quency (MHz) Over Limit	Detector	Table	Height	ANT	2500 Verdict	
level (dBuV/m)	20-2470	Results (dBuV/m)	Factor (dB)	Free	2	Detector	Table (o)	Height (cm)	ANT		
level (dBuV/m)	10			Limit	Over Limit	Detector		_	ANT	www.	

Note: 1. The PK emission level less than the AV limit. No necessary to record the AV emission level.

2. 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.

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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 1.83dBi Max. It fulfills the requirement of this section. Test Result: Pass

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Product:	n Measurement Wireless Keyboard			Т	est Mode:		Keep transmitting		
Mode	Keeping Transmitting			+		DC3.7V			
Temperature	Ксер			Test Voltage		56% RH			
Test Result:		24 deg. C,			Humidity		PK		
20dB Bandwidth	Pass			Detector		-			
20dB Bandwidin	2.164MHz						-		
		1 [T1 ndB]		BW	100 ki		F Att	30 dB	
Ref Lvl 0 dBm	ndB	20.00 dE 2.16432866 ME		BW	300 kl 5 m:		nit	dD.	_
0 asm	BW	2.16432866 MF	1Z S	WT	5 m:	S U.	nit	dBm	n =
					\mathbf{v}_1		-11	1.95 dBm	Α
			1				2.40202	505 GHz	
-10			- 1		ndB		20	.00 dB	
			_ /	(BW V m1		2.16432	2866 MHz	
-20					\ \	[T1]	2.40094	1.88 dBm 1289 GHz	l
		المممر			MV T2	[T1]	-33	2.04 dBm	
-30	T	<u> </u>				<u>r2</u>	2.40310	721 GHz	1
1MAX									1M
-50 MJ	-MININA						male and	- My	
-60									
-70									
-80									ĺ
-90									
-100									
Center 2.40	2 GHz	50	00 kHz/				Spa	an 5 MHz	

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Product:	Wireless Keyboard	Test Mode:	Keep transmitting		
Mode	Keeping Transmitting	Test Voltage	DC3.7V 56% RH PK		
Temperature	24 deg. C,	Humidity			
Test Result:	Pass	Detector			
20dB Bandwidth	2.184MHz				
Ref Lvl	Marker 1 [T1 ndB] ndB 20.00 d	RBW 100 kHz			
0 dBm	BW 2.18436874 M	Iz SWT 5 ms	Unit dBm		
0		▼ 1 [5	r1] -13.46 dBm A		
-10		nds BW	20.00 dB 2.18436874 MHz		
-20			[T1] -3 .51 dBm 2.43893287 GHz [T1] -3 .50 dBm		
-30			2.44111723 GHz		
-40	man and a second		The way was a second		
-50	V *		The state of the s		
-60					
-70					
-80					
-90					
-100 Center 2	.44 GHz 5	00 kHz/	Span 5 MHz		
Date: 22	2.JUN.2021 17:55:55				

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Product:	Wireless Keyboard	Te	est Mode:	Keep transmitting		
Mode	Keeping Transmitting	Te	est Voltage	DC3.7V		
Temperature	24 deg. C,	I	Humidity	56% RH		
Test Result:	Pass]	Detector	PK		
20dB Bandwidth	2.194MHz					
R)	Marker 1 [T1 ndB]	RBW	100 kHz	RF Att 30	dB	
Ref Lvl	ndB 20.00		300 kHz			
0 dBm	BW 2.19438878	MHz SWT	5 ms	Unit	dBm	
			▼ 1 [T1]] -15.05	dBm A	
				2.48002505		
-10		L	ndB	20.00	dB	
			BW ▼тт гт		MHz	
-20	And And		<u> </u>		asm GHz	
	مر ا		V _{T2} [T:			
-30	T		T2	2.48111723	GHz	
1MAX			₹		1MA	
-40				\		
				W.		
-50 MINING	wy My			What you	4.1	
					~ ~~	
-60						
-70						
-80						
-90						
-100 Center 2.48	8 GHz	500 kHz/		Span 5 1	MH z	
Date: 22.J	UN.2U21 18:U4:25					

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10.0 FCC ID Label

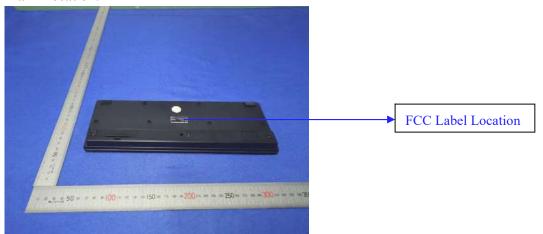
FCC ID: 2AS7V-ST-BK09

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--



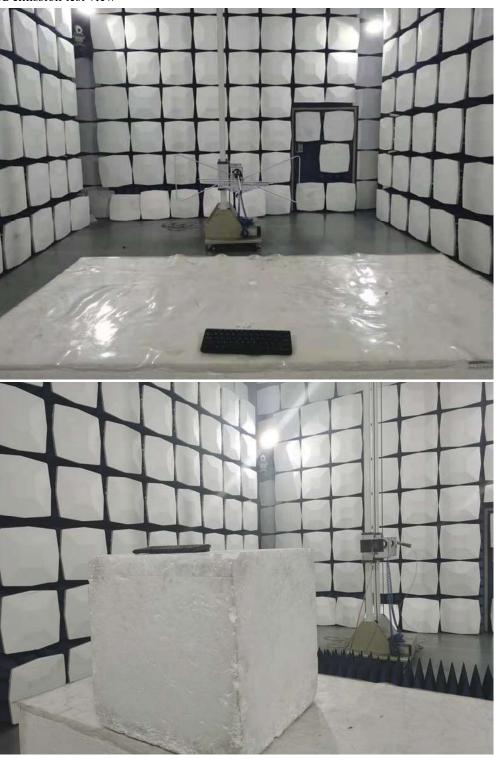
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Radiated emission test view



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11.2 Photographs – EUT

Outside View



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Photographs - EUT

Outside View



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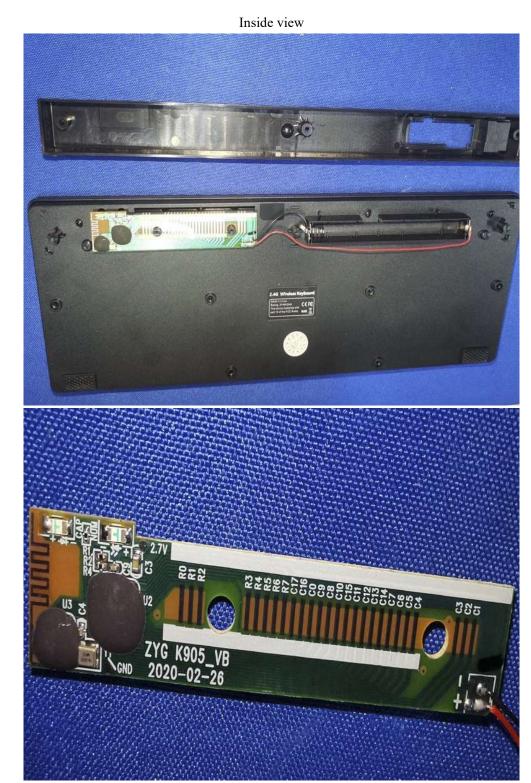
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Inside view



-- End of the report--