

Report No.: TW2305397E

Applicant: SOUTHERN TELECOM INC

Product: 2.4G Wireless Keyboard and Mouse Combo Keyboard

Model No.: PBKM1210BK, ST-SKB898W+803

Trademark: Packard bell

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

Term lang

Terry Tang

Manager

Dated: June 30, 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

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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 17025:2017 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: SOUTHERN TELECOM INC

Address: 5601 1ST AVENUE, 2FL, BROOKLYN, NY 11220, USA

Telephone: -Fax: --

1.3 Description of EUT

Product: 2.4G Wireless Keyboard and Mouse Combo Keyboard

Manufacturer: SOUTHERN TELECOM INC

Address: 5601 1ST AVENUE, 2FL, BROOKLYN, NY 11220, USA

Trademark: Packard bell

Model Number: PBKM1210BK

Additional Model Name ST-SKB898W+803

Rating: DC1.5V

Battery 1pc AA battery

Modulation Type: GFSK

Operation Frequency: 2402-2480MHz

Channel Number: 40
Channel Separation: 2MHz
Hardware Version: V1.0
Software Version: V1.1

Serial No.: PBKM1210BKK

Antenna Designation PCB antenna with gain -1.52dBi Max (Get from the antenna specification)

1.4 Submitted Sample: 2 Samples

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1.5 Test Duration

2023-05-31 to 2023-06-30

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

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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		1	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	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

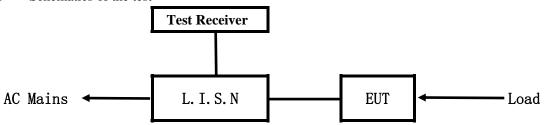
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5. Power Line Conducted Emission Test

5.1 Schematics of the test



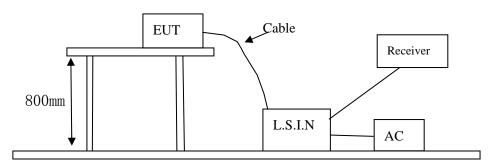
EUT: Equipment Under Test

5.2 Test Method and test Procedure

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

Test Voltage: N/A

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.

40 channels are provided to the EUT

A. EUT

Device	Manufacturer	Model	FCC ID
2.4G Wireless Keyboard and	SOUTHERN TELECOM INC	PBKM1210BK,	2ABV4-PBKM121
Mouse Combo Keyboard	SOUTHERN TELECOM INC	ST-SKB898W+803	0BKK

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B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

C. Peripherals

Device	Manufacturer	Model	Rating
N/A			

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	
$0.15 \sim 0.0$	66.0~56.0*	56.0~46.0*	
$0.50 \sim 5.00$	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:

N/A

Note: EUT powered by AA battery, this test item not applicable

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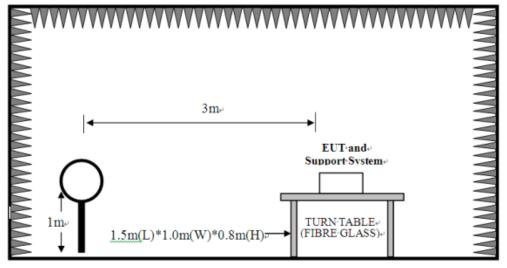


6 Radiated Emission Test

- 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

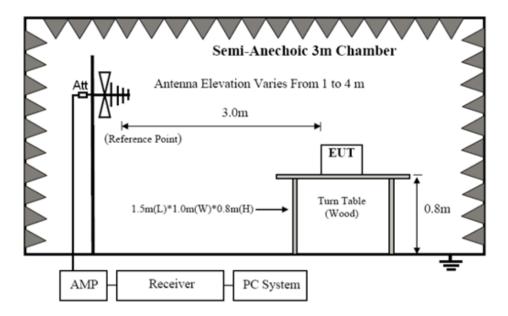


For radiated emissions from 30MHz to1GHz

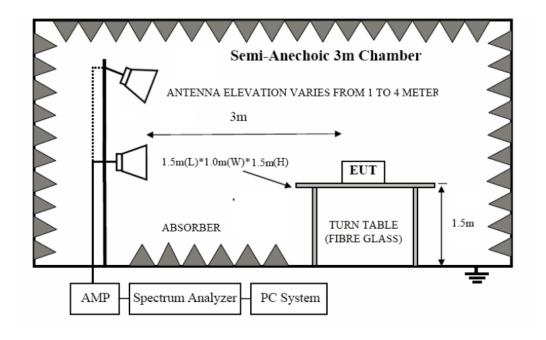
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For radiated emissions above 1GHz



- 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 Strength of Fundamental (3m)			Field S	trength of Harmo	onics (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 $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 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.
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. New battery was used during tests.

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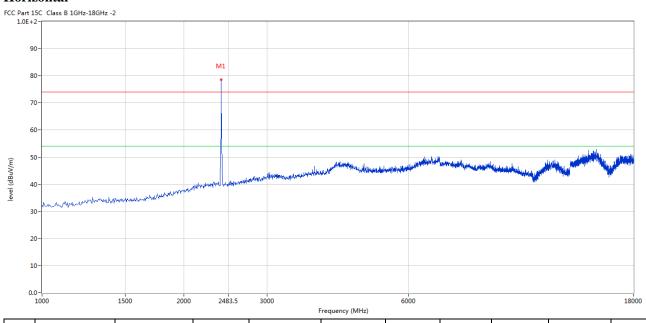


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

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

Horizontal



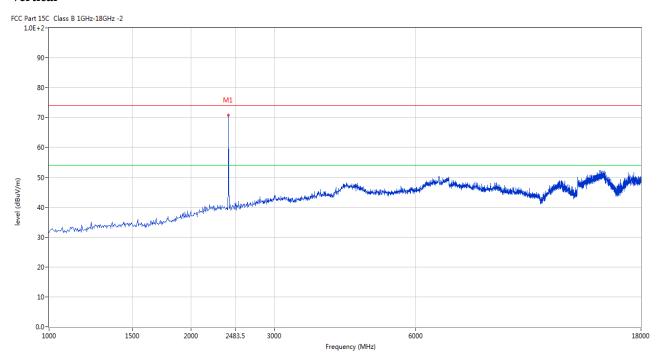
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402	79.05	-3.57	114.0	-34.95	Peak	122.00	100	Horizontal	Pass

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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	70.99	-3.57	114.0	-43.01	Peak	0.00	100	Vertical	Pass

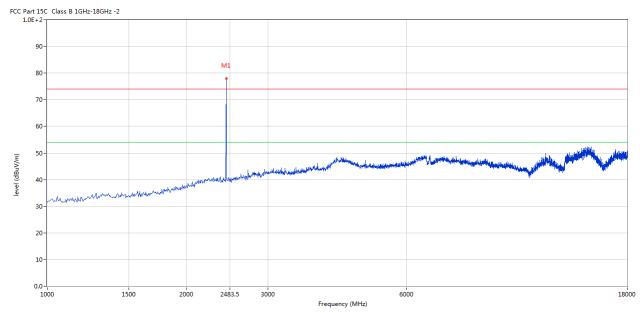
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Please refer to the following test plots for details: Middle Channel-2440MHz

Horizontal



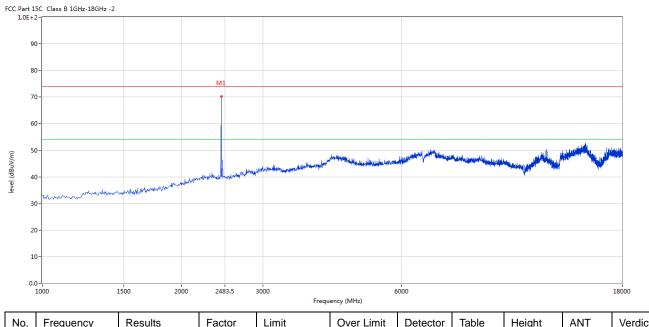
Ī	No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
Ī	1	2440	77.95	-3.57	114.0	-36.05	Peak	80.00	100	Horizontal	Pass

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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	70.06	-3.57	114.0	-43.94	Peak	116.00	100	Vertical	Pass

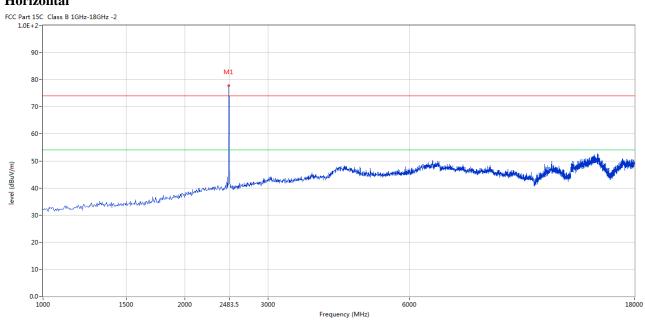
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal



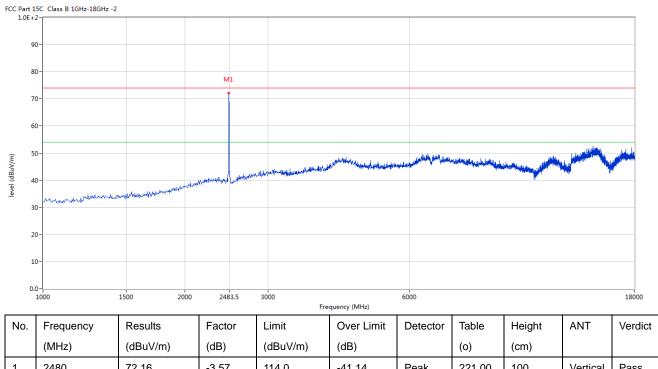
No.	Frequency	Results	Factor	Limit	Over	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	Limit (dB)		(o)	(cm)		
1	2480	77.90	-3.57	114.0	-36.1	Peak	351.00	100	Horizontal	Pass

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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	2480	72.16	-3.57	114.0	-41.14	Peak	221.00	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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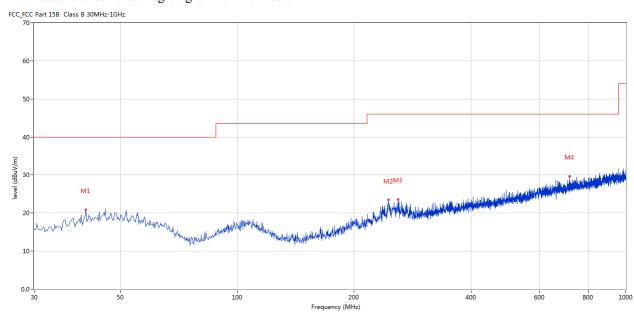


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

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	40.667	20.87	-12.19	40.0	-19.13	Peak	96.00	100	Horizontal	Pass
2	244.801	23.40	-12.23	46.0	-22.60	Peak	225.00	100	Horizontal	Pass
3	259.348	23.62	-11.85	46.0	-22.38	Peak	259.00	100	Horizontal	Pass
4	717.316	29.63	-3.97	46.0	-16.37	Peak	16.00	100	Horizontal	Pass

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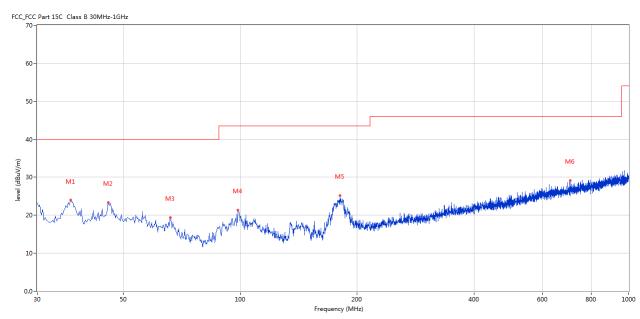


Radiated Emission In Vertical (30MHz----1000MHz)

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	36.546	23.93	-13.45	40.0	-16.07	Peak	351.00	100	Vertical	Pass
2	45.759	23.32	-11.40	40.0	-16.68	Peak	256.00	100	Vertical	Pass
3	66.123	19.43	-13.97	40.0	-20.57	Peak	229.00	100	Vertical	Pass
4	98.610	21.39	-13.70	43.5	-22.11	Peak	314.00	100	Vertical	Pass
5	180.312	25.21	-15.27	43.5	-18.29	Peak	305.00	100	Vertical	Pass
6	706.406	29.12	-4.06	46.0	-16.88	Peak	359.00	100	Vertical	Pass

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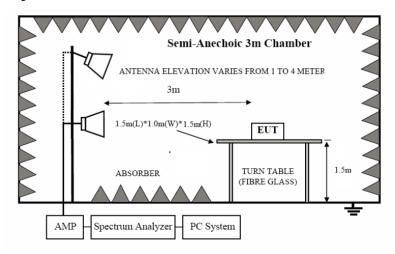


7. Band Edge

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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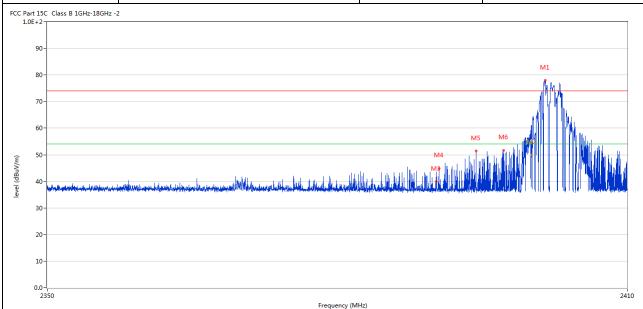
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7.6 Test Result

Product:	2.4G Wireless Keyboard and Mouse Combo Keyboard	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC1.5V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		

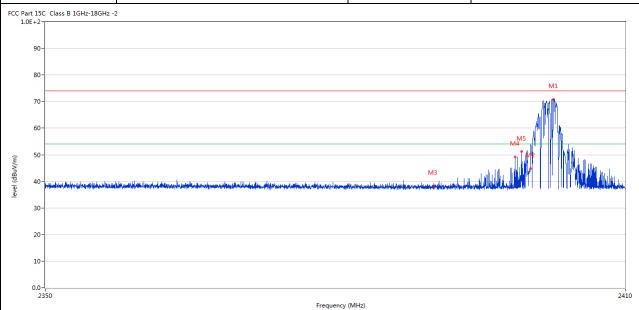


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2401.422	78.88	-3.57	74.0	4.88	Peak	334.00	100	Horizontal	N/A
2	2400.000	59.94	-3.57	74.0	-14.06	Peak	329.00	100	Horizontal	Pass
2**	2400.000	49.87	-3.57	54.0	-4.13	AV	329.00	100	Horizontal	Pass
3	2390.000	40.06	-3.53	74.0	-33.94	Peak	279.67	100	Horizontal	Pass
4	2390.370	45.76	-3.53	74.0	-28.24	Peak	345.00	100	Horizontal	Pass
5	2394.224	52.49	-3.55	74.0	-21.51	Peak	324.00	100	Horizontal	Pass
6	2397.103	52.61	-3.56	74.0	-21.39	Peak	313.00	100	Horizontal	Pass

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Product:	2.4G Wireless Keyboard and Mouse Combo Keyboard	Detector	Vertical
Mode	Keeping Transmitting	Test Voltage	DC1.5V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		

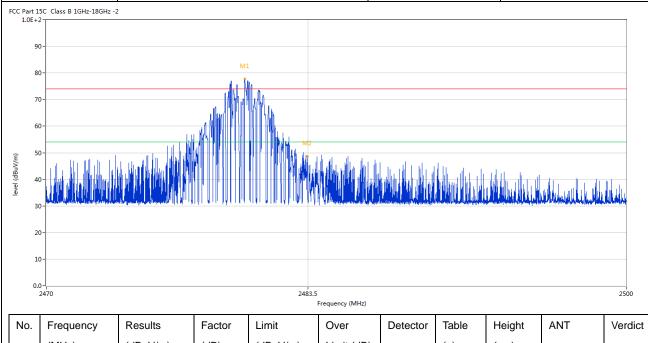


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402.502	70.90	-3.57	74.0	-3.10	Peak	359.00	100	Vertical	Pass
2	2400.087	44.87	-3.57	74.0	-29.13	Peak	86.00	100	Vertical	Pass
3	2390.000	38.06	-3.53	74.0	-35.94	Peak	139.33	100	Vertical	Pass
4	2398.498	49.13	-3.56	74.0	-24.87	Peak	21.00	100	Vertical	Pass
5	2399.173	51.17	-3.56	74.0	-22.83	Peak	21.00	100	Vertical	Pass

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Product:	2.4G Wireless Keyboard and Mouse Combo Keyboard	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC1.5V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		



	No.	Frequency	Results	Factor	Limit	Over	Detector	Table	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	Limit (dB)		(o)	(cm)		
Ī	1	2480.242	77.72	-3.57	74.0	3.72	Peak	324.00	100	Horizontal	N/A
	2	2483.465	48.66	-3.57	74.0	-25.34	Peak	27.29	100	Horizontal	Pass

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	Product:	oard and Mouse board	е	Detector		Vertical							
	Mode	Kee	eping Tran	smitting	Tes	Test Voltage			DC1.5V				
T	emperature		24 deg.	C,	Н	umidity		56% RH					
	est Result:		Pass										
CC Part	15C Class B 1GHz-18GHz -	2			'								
1.00													
	90-												
	80-												
			M1	_									
	70-			M									
	60-												
	50												
	50-	بالات ب		Ty Delia									
	50-			TIV Malabata	Material	I. i							
	40-441444444444444444444444444444444444				Mullallan	A A A A A A A A A A A A A A A A A A A	oid demonstration at the top to	r Bard produce garden and high special desiration beginn	Anthonylabellulasja, identalisja)	h-dilgo-lavor d			
	and the reduction of					A HALIMANIA PARAMANIA	odd America biscoedddolainia	r Sant en degen i selfeliken skati standen begin	Markamal distribution para derivation, 200	t die der d			
	30-					distribution of the consession	oiderkamen kiirrakiisoisoi	i Bartus agent a agent de partir de la tegen	Markamal distribution and material con	h-dlig-turr-d			
	40-				Madd abbasa,	Add the same of the same	ridik da mara diseraksia sirasi	i kari sakan sa dari da da daga a	Andrewskiller film langue, selv-bastin, son	h dila dare d			
	30-				Mahlahaa	distribute famorie	ridibane advicadinarios	i Barlande (1954) - Medikana kita hada kita ya	Andread likely Links and Andread Links	t discount			
	40 - 40 - 40 - 40 - 40 - 40 - 40 - 40 -					didition to mare	rif demonstration at time true	i kari sakan mirangan kari da da daga	and an electrical state of the	h-disabor-d			
	40 - 40 - 30 - 20 - 10 -			2483.5 Freque	ency (MHz)	dishiritan da masan	ridibane advicadinarios	i Barl pade (1955 - Medillar yn Astri Ales deu Sigle)	Andread distributions and wheels say	2500			
(Angn) take	40 - 40 - 40 - 40 - 40 - 40 - 40 - 40 -	Results	Factor	Freque		Detector	Table	Height	ANT	2500 Verdid			
(Angr) Isasi	30- 20- 10- 2470	Results (dBuV/m)	Factor (dB)	Limit (ency (MHz)		Table	Height (cm)	ANT	ī			
	40- 30- 20- 10- 2470 Frequency			Limit (dBuV/m) (ency (MHz) Over Limit				ANT	1			

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 -1.52dBi Max. It fulfills the requirement of this section. Test Result: Pass

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Product:		2.4G Wireless Keyboard and Mouse Combo Keyboard				est Mode:	Keep transmitting			
Mode	Keeping Transmitting 24 deg. C,				Te	st Voltage		DC1	.5V	
Temperature						Humidity		56% RH		
Test Result:		Pass]	Detector		PK 		
20dB Bandwidth		2.154MHz								
Ref Lvl 10 dBm	Marker ndB BW	1 [T1 n 20. 2.154308	00 dB	VI	BW BW WT	100 k: 300 k: 5 m	Hz			n
0				L		▼ ₁	[T1]	2.40204	.08 dBr 509 GHz	A
-10			Mund	M	1h.,	BW ▼ _T	[T1]	2.15430	862 MHz	<u>n</u>
-20 1MAX		للسمر	V			VV ▼T	[T1]	-23 2.40311	.05 dBr 723 GHz	1 1 1 M
-30	MANANT MANAGEMENT							~www.	Lange	
-50										_
-60										
-70										
-80										
-90 Center 2.4	102 GHz		500 }	cHz/				Spa	n 5 MHz	<u>]</u>

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Product:	2.4G Wireless Keyboard and Mouse Combo Keyboard				Test Mode:			Keep transmitting			
Mode					Test Voltage			DC1.5V			
Temperature		2	4 deg. C,				Humidity		56% RH		
Test Result:			Pass				Detector]	PK	
20dB Bandwidth		2.	164MHz								
R		Marker	1 [T1 r	ndB]	R	.BW	100 k	Hz R	F Att	20 dB	
Ref Lvl		ndB	20.	00 dB	V	BW	300 k	Hz			
10 dBm		BW 2	2.164328	866 MHz	S	WT	5 m	s U	nit	dBm	L
10							V 1	[T1]	2.44004	2.63 dBm	A
0				Mu			ndB BW V ⊤1	[T1]	2.16432	.00 dB 2866 MHz	
-10				Ţ		W.	W^\	[T1]	2.43895		
-20 1MAX		7	A.				4/ 1/		2.44111	723 GHz	1MA
-30	~\\\a\\	MAN NAVA						W	Manuel	_	
-40	<u>C MANUAL</u>									John	
-50											
-60											
-70											
-80											
-90Center	2.44 GH	z		500	kHz/				Spa	an 5 MHz	
Date: 2	28.JUN.2	2023 18	:25:38								

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Product:		eyboard and Mouse Keyboard	Test 1	Mode:	Keep transmitting		
Mode		Γransmitting	Test V	Test Voltage DC1.5		1.5V	
Temperature	24 0	leg. C,	Hun	nidity	56% RH		
Test Result:	I	Pass	Det	ector	PK		
20dB Bandwidth	2.20	04MHz					
Ref Lvl	ndB	[T1 ndB] 20.00 dB	VBW 3	l00 kHz 300 kHz	RF Att	20 dB	
10 dBm	BW 2.	20440882 MHz	SWT	5 ms	Unit	dBm	
0				▼1 [T1	2.48002 20	.26 dBm A A 505 GHz	
-10				BW ▼ _{T1} [1	2.20440	882 MHz .81 dBm	
-20	m 2/			VT2 [1		287 GHz .41 dBm	
1MAX					2.48113	727 GHz 1MA	
-40	Malanorman				Munum	Mary .	
-50							
-60							
-70							
-80							
-90 Center 2.4		500 ki	Hz/		Spa	n 5 MHz	

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10.0 FCC ID Label

FCC ID: 2ABV4-PBKM1210BKK

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-N/A

Radiated emission test view



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11.2 Outside View





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Outside View





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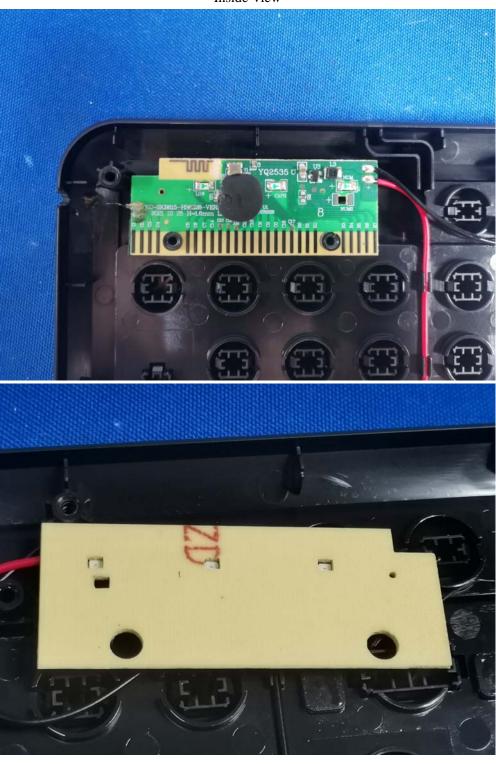
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Inside View



-- End of the Report--

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