





# ISO/IEC17025 Accredited Lab.

Report No: FCC1311052-01 File reference No: 2013-11-27

Applicant: GUANGZHOU SUNDAY ELECTRONICS CO.,LTD

Product: 2.4G Wireless Touchpad Keyboard

Model No: S-KW425TG, KB3800TPW

Brand Name: SUNDAY

Test Standards: FCC Part 15 Subpart C, Paragraph 15.249

Test result:

It is herewith confirmed and found to comply with the

requirements set up by ANSI C63.4&FCC Part 15 Subpart C, Paragraph 15.249 regulations for the evaluation of

electromagnetic compatibility

Approved By

Jack Chung

Jack Chung

Manager

Dated: Number 27, 2013

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 TECHNOLOGY CONSULTING CO LTD

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Tel (755) 83448688 Fax (755) 83442996

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Date: 2013-11-27



# **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.: 899988

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.: 899988.

# IC-Registration No.: IC5205A-02

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration IC No.: 5205A-02.



Date: 2013-11-27



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#### 1.0 **General Details**

### Test Lab Details

Name: SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

Address: 5/F,Block 4, Anhua Industrial Zone.,No.8 TaiRan Rd.CheGongMiao,FuTian District,

Shenzhen, CHINA.

Telephone: (755) 83448688 Fax: (755) 83442996

Site on File with the Federal Communications Commission – United Sates

Registration Number: 899988

For 3m & 10 m OATS

Site Listed with Industry Canada of Ottawa, Canada

Registration Number: IC: 5205A-02

For 3m & 10 m OATS

## 1.2 Applicant Details

Applicant: Guangzhou Sunday Electronics Co., Ltd.

Address: NO.236-238, MINSHENG RD., NANSHA DISTRICT, GUANGZHOU, 511480, CHINA

Telephone: 020-8492 8933-805 Fax: 020-8492 8823

# 1.3 Description of EUT

Product: 2.4G Wireless Touchpad Keyboard

Manufacturer: Guangzhou Sunday Electronics Co., Ltd.

Brand Name: **SUNDAY** Model Number: S-KW425TG Additional Model Name KB3800TPW

Additional Trade Name

DC3.0V, 2 pcs AAA batteries Rating:

Modulation Type: **GFSK** 

Operation Frequency 2402-2480MHz

Antenna Designation Printed antenna, which is built-in, designed as an indispensable part of the

EUT.

## 1.4 Submitted Sample

1 Sample

# 1.5 Test Duration

2013-11-13 to 2013-11-27

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1.6 Test Uncertainty

Date: 2013-11-27

Conducted Emissions Uncertainty =3.6dB

Radiated Emissions Uncertainty =4.7dB

Test Engineer 1.7

Terry Tang The sample tested by

Print Name: Terry Tang

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2.0		Test Equip	ments		
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	ROHDE&SCHWARZ	ESPI 3	100379	2013-08-23	2014-08-22
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100294	2013-08-23	2014-08-22
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100253	2013-08-23	2014-08-22
Ultra Broadband ANT	ROHDE&SCHWARZ	HL562	100157	2013-08-25	2014-08-24
ESDV Test Receiver	ROHDE&SCHWARZ	ESDV	100008	2013-08-23	2014-08-22
Impuls-Begrenzer	ROHDE&SCHWARZ	ESH3-Z2	100281	2013-08-24	2014-08-23
System Controller	CT	SC100	-		
Printer	EPSON	РНОТО ЕХЗ	CFNH234850		
Computer	IBM	8434	1S8434KCE99BLXL O*	-	-
Loop Antenna	EMCO	6502	00042960	2013-08-23	2014-08-22
ESPI Test Receiver	ROHDE&SCHWARZ	ESI26	838786/013	2013-08-23	2014-08-22
3m OATS			N/A	2013-08-22	2014-08-21
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170265	2013-08-24	2014-08-23
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-631	2013-08-24	2014-08-23
Power meter	Anritsu	ML2487A	6K00003613	2013-08-24	2014-08-23
Power sensor	Anritsu	MA2491A	32263	2013-08-24	2014-08-23
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2013-08-24	2014-08-23
LISN	AFJ	LS16C	10010947251	2013-08-23	2014-08-22
LISN (Three Phase)	Schwarebeck	NSLK 8126	8126453	2013-08-23	2014-08-22
9*6*6 Anechoic			N/A	2013-08-22	2014-08-21
EMI Test Receiver	RS	ESCS30	100139	2013-08-23	2014-08-22
LISN	AFJ	LS16C	10010947251	2013-08-23	2014-08-22
LISN (Three Phase)	Schwarebeck	NSLK 8126	8126453	2013-08-23	2014-08-22

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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	Complies
FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Field Strength of Fundamental	PASS	Complies
FCC Part 15, Paragraph 15.209	Radiated Emission Test	PASS	Complies
FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Band Edge Test	PASS	Complies

## 3.2 Test Standards

FCC Part 15 Subpart C, Paragraph 15.249

## 4.0 EUT Modification

No modification by Shenzhen Timeway Technology Consulting Co.,Ltd

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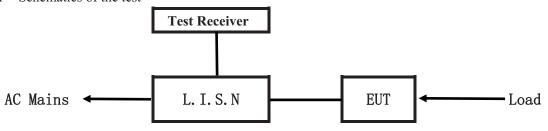
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## 5. Power Line Conducted Emission Test

### 5.1 Schematics of the test

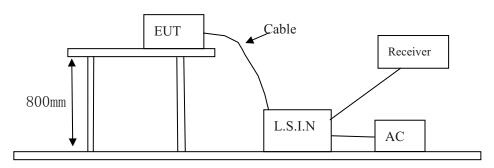


**EUT: Equipment Under Test** 

### 5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2003. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 500hm/50uH as specified by section 5.1 of ANSI C63.4 –2003.

# Block diagram of Test setup



# 5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.4-2003. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

One channels are provided to the EUT

### A. EUT

Device	Manufacturer	Model	FCC ID
2.4G Wireless	Cyange hay Cyanday Electronics Co. Ltd.	S-KW425TG	VOI CD1115425
Touchpad Keyboard	Guangzhou Sunday Electronics Co., Ltd.	5-KW4231G	XQLSD1115425

### B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

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# C. Peripherals

Device	Manufacturer	Model	FCC ID/DOC	Cable
N/A				

# 5.4 EUT Operating Condition

Operating condition is according to ANSI C63.4 -2003

- 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

Engage av (MHz)	Class A Lir	Class A Limits (dB $\mu$ V)		nits (dB µ V)
Frequency(MHz)	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level
$0.15 \sim 0.50$	79.0	66.0	66.0~56.0*	56.0~46.0*
$0.50 \sim 5.00$	73.0	60.0	56.0	46.0
5.00 ~ 30.00	73.0	60.0	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

The frequency spectrum from 0.15MHz to 30MHz was investigated. All reading are quasi-peak values with a resolution bandwidth of 9kHz.

# Due to Battery operation, this test item not applicable

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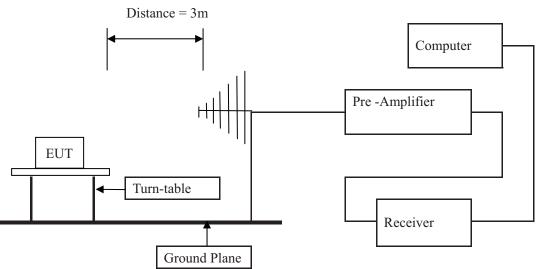
Date: 2013-11-27



### 6 Radiated Emission Test

- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.4 –2003. The radiated test was performed at Timeway Laboratory. This site is on file with the FCC laboratory division, Registration No.899988
- (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 C63.4-2003.
- (3) The frequency spectrum from 30 MHz to 1 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. 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**



- 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	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 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. New batteries were installed in the equipment under test for radiated emission testing.
- 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.
- 6. 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.
- 7. Other than fundamental , For emission above 1GHz, RBW =1MHz ,VBW=3MHz ,PK detector is for PK value; RBW =1MHz ,VBW=10Hz ,PK detector is for AV value.

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#### 6.5 Test result

#### Fundamental & Harmonics Radiated Emission Data A

Product:	2.4G Wireless Touchpad Keyboard	Test Mode:	Low Channel- keep transmitting
Test Item:	Fundamental Radiated Emission Data	Temperature:	25℃
Test Voltage:	3.0VDC	Humidity:	56%
Test Result:	Pass		

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)
2402	90.91(PK)	Н	114/94	-3.01
2402	91.90(PK)	V	114/94	-2.10
4804		H/V	74/54	
7206		H/V	74/54	
9608		H/V	74/54	
12010		H/V	74/54	
14412		H/V	74/54	
16814		H/V	74/54	
19216		H/V	74/54	
21618		H/V	74/54	
24020		H/V	74/54	

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Product:	2.4G Wireless Touchpad Keyboard	Test Mode:	Middle Channel- keep transmitting
Test Item:	Fundamental Radiated Emission Data	Temperature:	25℃
Test Voltage:	3.0VDC	Humidity:	56%
Test Result:	Pass		

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)
2448	91.44 (PK)	Н	114/94	-2.56
2448	90.44 (PK)	V	114/94	-3.56
4896		Н	74/54	
7344		V	74/54	
9792		H/V	74/54	
12240		H/V	74/54	
14688		H/V	74/54	
17136		H/V	74/54	
19584		H/V	74/54	
22032		H/V	74/54	
24480		H/V	74/54	

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Product:	2.4G Wireless Touchpad Keyboard	Test Mode:	High Channel- keep transmitting
Test Item:	Fundamental Radiated Emission Data	Temperature:	25℃
Test Voltage:	3.0VDC	Humidity:	56%
Test Result:	Pass		

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)
2480	90.20(PK)	V	114/94	-3.80
2480	90.18(PK)	Н	114/94	-3.72
4960		H/V	74/54	
7440		H/V	74/54	
9920		H/V	74/54	
12400		H/V	74/54	
14880		H/V	74/54	
17360		H/V	74/54	
19840		H/V	74/54	
22320		H/V	74/54	
24800		H/V	74/54	

Note:

- (1) PK= Peak, AV= Average
- (2) Emission Level = Reading Level + Antenna Factor + Cable Loss.
- (3)Margin=Emission-Limits
- (4)According to section 15.35(b), the peak limit is 20dB higher than the average limit
- (5) The measured PK value less than the AV limit.
- (6) for fundamental emissions measurement, RBW=3MHz, VBW=10MHz

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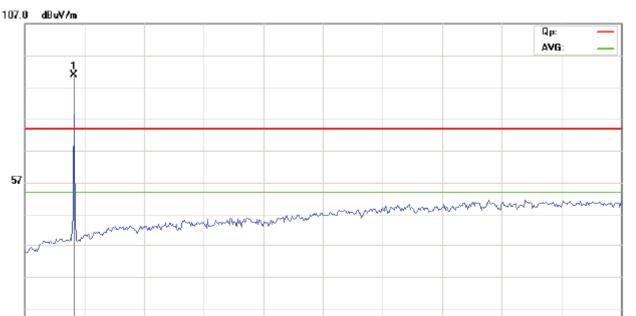
Please refer to the following test plots for details:

4400.00

6100.00

7800.00

### Low Channel: Horizontal



9500.00

11200.00

12900.00

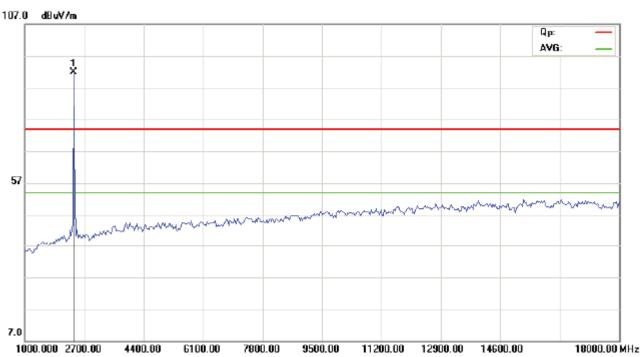
14600.00

18000.00 MHz

# **Low Channel: Vertical**

1000.000 2700.00

7.0



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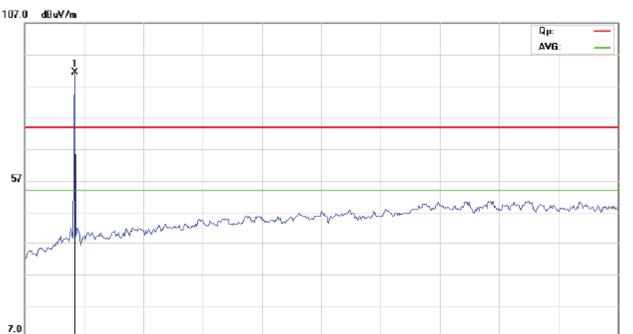
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# Middle Channel: Horizontal



9500.00

11200.00

12900.00

14600.00

18000.00 MHz

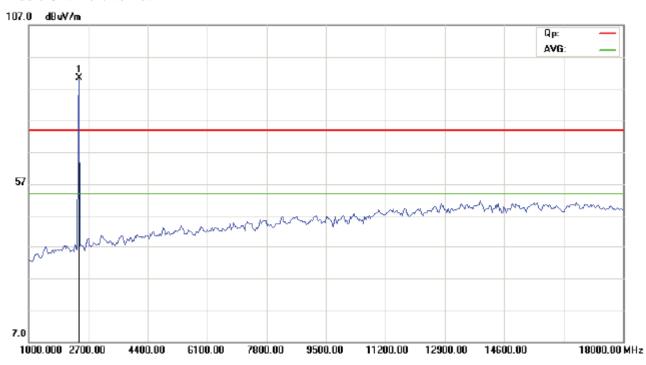
## Middle Channel: Vertical

4400.00

6100.00

7800.00

1000.000 2700.00



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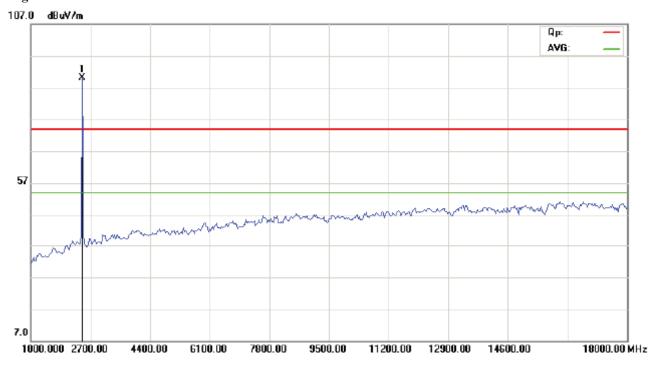
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# **High Channel: Horizontal**



# **High Channel: Vertical**



Note: for the radiated emissions from 18-25GHz, it was the floor noise.

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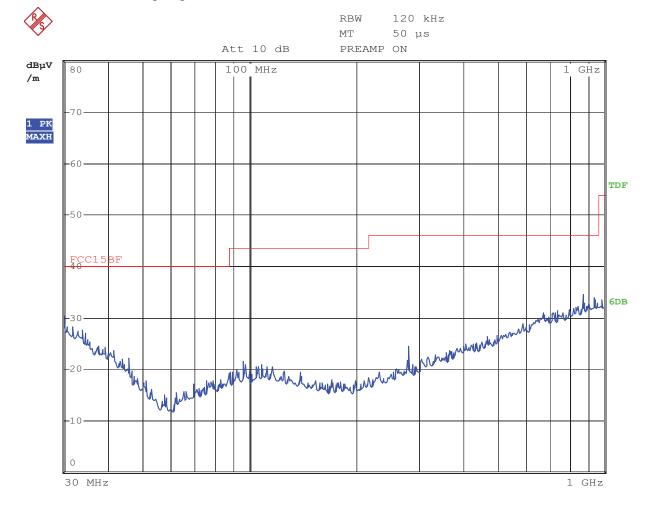
# B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Mode: Low Channel

Results: Pass

Please refer to following diagram for individual



Note: the curve as above is scanned by Peak detector, Margin is bigger than 10dB, then only show the plot.

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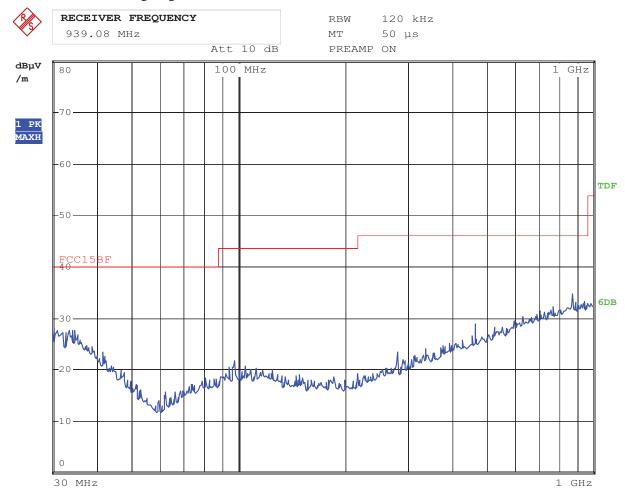
# Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Mode: Low Channel

Results: Pass

Please refer to following diagram for individual



Note: the curve as above is scanned by Peak detector, Margin is bigger than 10dB, then only show the plot.

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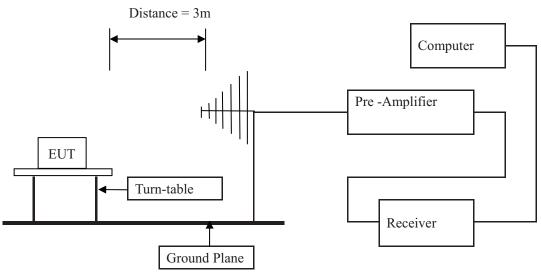


# 7. Band Edge

### 7.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.4 –2003. The radiated test was performed at Timeway Laboratory. This site is on file with the FCC laboratory division, Registration No.899988
- (2) Set Spectrum as RBW=VBW=1MHz and Peak detector used
- (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.

Remark: low, mid and high channel all have been tested; only worse case is reported.

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

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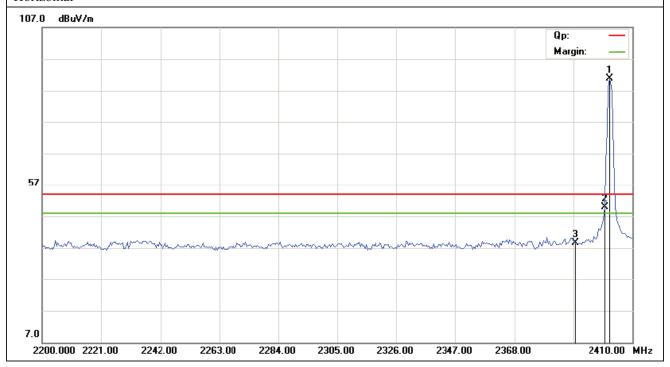
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### 7.6 Test Result

Product:	2.4G Wireless T	ouchpad Keyboard	Test Mode:	Low Channel- keep transmitting
Mode	Keeping	Fransmitting	Test Voltage	DC3V
Temperature	24 0	leg. C,	Humidity	56% RH
Test Result:	F	Pass	Detector	PK
2390MHz	PK (dBμV/m) 38.52			74(dBμV/m)
2390MHZ	AV(dBμV/m)		T imait	$\begin{array}{c c} Humidity & 56\% \ RH \\ \hline Detector & PK \\ \hline \\ Limit & 54(dB\mu V/m) \\ \hline \\ 74(dB\mu V/m) \\ \hline \\ 74(dB\mu V/m) \\ \hline \end{array}$
2400MH=	PK (dBμV/m)	49.99	Limit	74(dBμV/m)
2400MHz	AV(dBμV/m)			54(dBμV/m)

## Horizontal



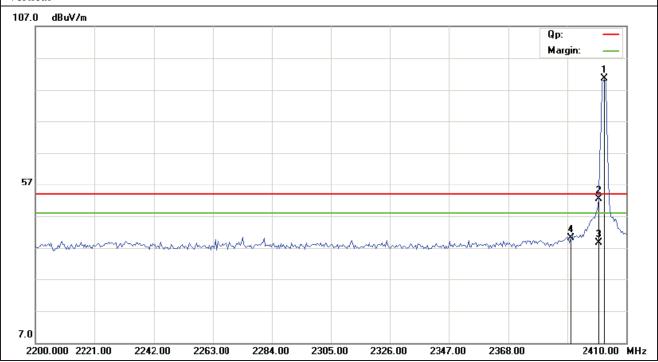
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Product:	2.4G Wireless T	ouchpad Keyboard	Test Mode:	Low Channel- keep transmitting		
Mode	Keeping	Fransmitting	Test Voltage	DC3V		
Temperature	24 0	leg. C,	Humidity	56% RH		
Test Result:	F	Pass	Detector	PK		
2390MHz	PK (dBμV/m)	40.06	T imait	$74(dB\mu V/m)$		
2390MHZ	AV(dBμV/m)	deg. C,       Humidity       56% RH         Pass       Detector       PK         40.06       Limit       74(dBμV/m)         54(dBμV/m)       54(dBμV/m)         Limit       74(dBμV/m)				
2400MHz	PK (dBμV/m)	52.49	Limit	$74(dB\mu V/m)$		
Z4UUMHZ	AV(dBμV/m)	38.67	Liffill	54(dBμV/m)		

### Vertical



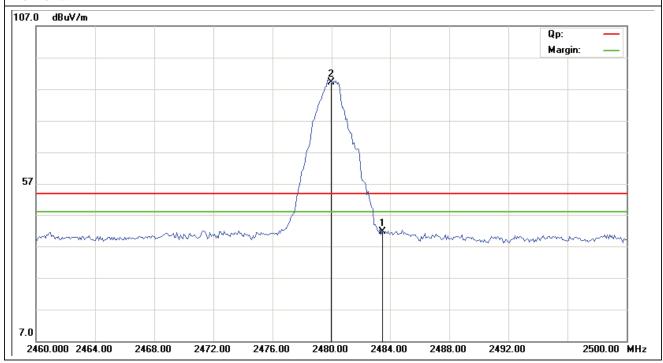
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Date: 2013-11-27



Product:	2.4G Wireless T	ouchpad Keyboard	Test Mode:	High Channel- keep transmitting
Mode	Keeping	Fransmitting	Test Voltage	DC3V
Temperature	24 0	leg. C,	Humidity	56% RH
Test Result:	F	Pass	Detector	PK
2492 5MH-	PK (dBμV/m)	41.56	T imait	$74(dB\mu V/m)$
2483.5MHz	AV(dBμV/m)		Humidity 56% RH  Detector PK	

## Horizontal



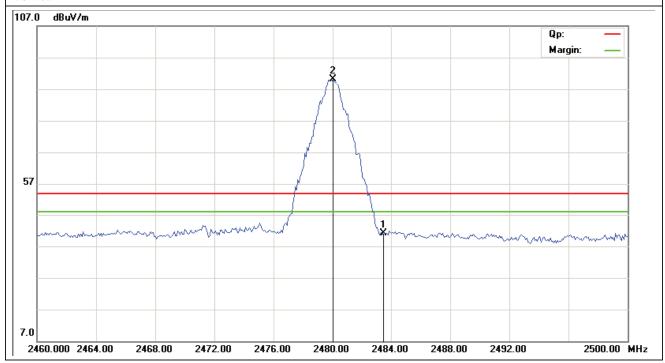
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Date: 2013-11-27



Product:	2.4G Wireless T	ouchpad Keyboard	Test Mode:	High Channel- keep transmitting		
Mode	Keeping	Fransmitting	Test Voltage	DC3V		
Temperature	24 0	leg. C,	Humidity	56% RH		
Test Result:	F	Pass	Detector	PK		
2492 5MH-	PK (dBμV/m)	41.05	T imait	$74(dB\mu V/m)$		
2483.5MHz	AV(dBμV/m)		Limit	$54(dB\mu V/m)$		

### Vertical



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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 permanent antenna, fulfill the requirement of this section.

Test Result: Pass

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Test Res	iture		V a amin = T			Te	Test Mode: Test Voltage		Low Channel- keep transmitting			
Test Res			Keeping Transmitting					DC3.0V				
	14.	Temperature 24 deg. C,					Humidity		56% RH			
0dB Band	Test Result: Pass						Detector		P	PΚ		
(R)	20dB Bandwidth 1.36MHz											
	DELTA	MARKER	2			* RBW	30 kHz	Delta	2 [T1 ]			
<b>4</b> 3	1.36	MHz				* VBW	100 kHz			.15 dB		
F	Ref 0	0 dBm *Att 10 dB				SWT	5 ms	1	.360000	000 MHz	_	
	0							Marker		]	1	
										.84 dBm		
l l	10					В		Marker	.401372 3 [T1	<del>000 GHZ</del> 1	_	
1 PK						**		Harker	_	.57 dBm		
MAXH	20				+	<b> </b>		2	.402012	000 GHz	_	
					hun	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Munn					
-	30		1		~~~ v	W.	₩.	2			_	
		D1 -35.	57 dBn	MALALAN TO	<i>/</i>		num	Ma				
	40	الماليال	My	o N				THE MANAGEMENT	~~~~~			
	mannen	~~~ W W							amy with	41/2000		
	F.0								*	V		
	50											
											3DB	
	60										JDB	
	70										_	
	80										_	
	90											
	30											
	-100											
<u> </u>	Center	2.402 G	Hz		300	kHz/			Spa	ın 3 MHz	<b>.</b>	
									<u>*</u>			

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Produ	ict:	2.4G	Wireless T	ouchpad	Keyboard	Te	est Mode:	Middle (	Channel-ke	ep transn	nitting
Mod	le		Keeping	Transmitt	ing	Te	st Voltage	DC3.0V			
Temperature 24 deg. C,						I	Iumidity	56% RH			
Test Re	esult:		Pass			I	Detector		Pk	ζ.	
0dB Ban	ndwidth		1.41	6MHz							
P/S>	1.416	MARKER MHz dBm		*Att 1	.0 dB	* VBW	30 kHz 100 kHz 5 ms		2 [T1 ] -1:	.63 dB )00 MHz	
1 PK	0					3		Marker 2 Marker	-33 .447364 3 [T1	) .54 dBm )00 GHz )	Α
MAXH	20		1		manum	M	71	2	.448012		
	40	D1 -35.	61 dBm	and prove			~~~w		100m	Manh	
	60-										3DB
	70 80										
	90										
	-100										
	Center	2.448	GHz		300	kHz/			Spa	n 3 MHz	

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Product: 2.4G Wireless Touchpad Keyboard							st Mode:	High Channel- keep transmitt				
Mo	de		Keeping '	Transmit	ting	Test	Test Voltage		DC3.0V			
Tempe	rature		24 0	deg. C,		Hun	nidity		56%	6 RH		
Test Result: Pass					Г	etector		F	PΚ			
OdB Baı	ndwidth		1.33	38MHz								
1 PK MAXH	<b>DELTA</b> 1.338 Ref 0			*Att 1	LO dB		00 kHz	Delta 2 [T1 ] -0.24 dB 1.338000000 MHz				
	10				./	3		Marker  Marker	-33 -479346 3 [T1	] .56 dBm 000 GHz ] .83 dBm	A	
	30 40 50	D1 -34	F F V P	phylw.			hog hobse	whom	-Anhana	Mm	4	
	60										3DB	
	80											
	90 -100											
·	Center	r 2.48 GHz 300 kH							Spā	ın 3 MHz	Z	
Date:	2	7.NOV.20	013 09:	:45:21								

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Date: 2013-11-27



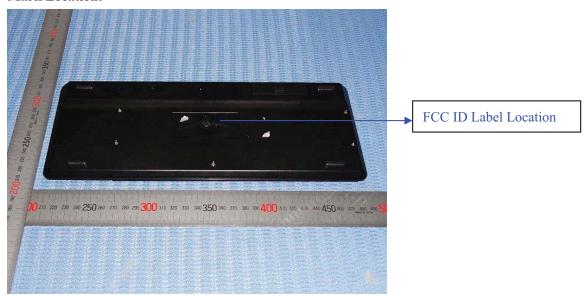
### 10.0 FCC ID Label

# FCC ID: XQLSD1115425

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:**



Date: 2013-11-27



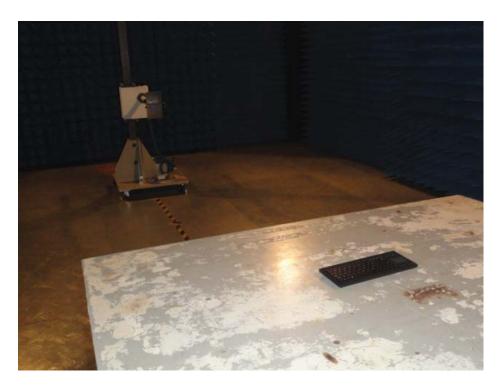
#### 11.0 Photo of testing

#### 11.1 Conducted test View--

N/A

#### 11.2 Radiated emission test view





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

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#### 11.3 Photographs - EUT

Outside View-Keyboard Part





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Outside View—Keyboard Part





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Interior View—Keyboard Part

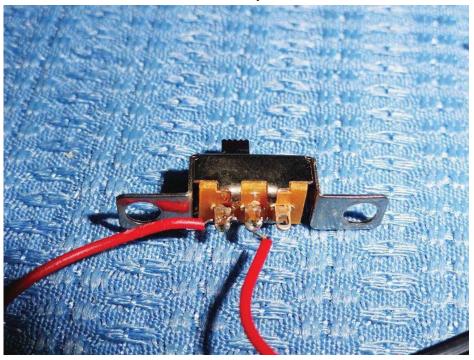




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Interior View—Keyboard Part





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Interior View—Keyboard Part





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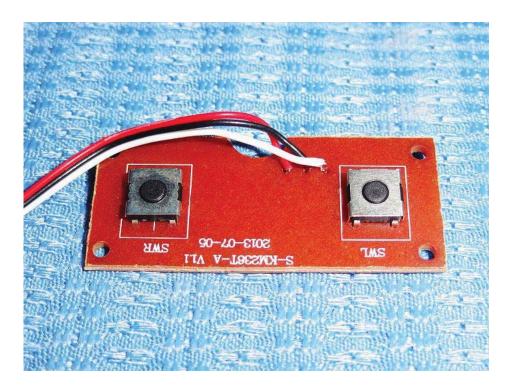
Date: 2013-11-27

Report No: 1311052-01



Interior View—Keyboard Part





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

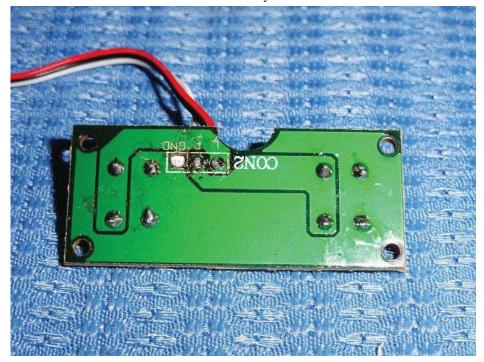
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Interior View—Keyboard Part

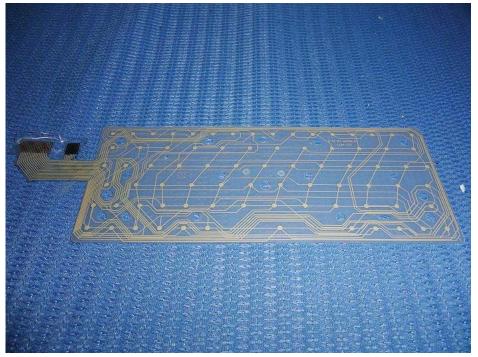




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Interior View—Keyboard Part



-- End of the report--