



ISO/IEC17025 Accredited Lab.

Report No: FCC1408147-01

File reference No: 2014-09-12

Applicant: Guangzhou Sunday Electronics Co., Ltd.

Product: Receiver of Wireless Keyboard

Model No: Receiver of S-KW258SL, S-KW1xxxx- S-KW6xxxx ( the "x" means one discretionary character of A/a – Z/z or one Arabic number of 0 – 9)

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: Sep 12, 2014

**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**

East 5/Block 4, Anhua Industrial Zone, No.8,Tairan Rd. CheGongMiao, FuTian District,  
Shenzhen, CHINA.

Tel (755) 83448688, Fax (755) 83442996, E-Mail:info@timewaytech.com



### **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.

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, The Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



Test Report Conclusion  
Content

|             |                                           |    |
|-------------|-------------------------------------------|----|
| <b>1.0</b>  | <b>General Details</b>                    | 4  |
| 1.1         | Test Lab Details                          | 4  |
| 1.2         | Applicant Details                         | 4  |
| 1.3         | Description of EUT                        | 4  |
| 1.4         | Submitted Sample                          | 4  |
| 1.5         | Test Duration                             | 4  |
| 1.6         | Test Uncertainty                          | 5  |
| 1.7         | Test By                                   | 5  |
| <b>2.0</b>  | <b>List of Measurement Equipment</b>      | 5  |
| <b>3.0</b>  | <b>Technical Details</b>                  | 6  |
| 3.1         | Summary of Test Results                   | 6  |
| 3.2         | Test Standards                            | 6  |
| <b>4.0</b>  | <b>EUT Modification</b>                   | 6  |
| <b>5.0</b>  | <b>Power Line Conducted Emission Test</b> | 7  |
| 5.1         | Schematics of the Test                    | 7  |
| 5.2         | Test Method and Test Procedure            | 7  |
| 5.3         | Configuration of the EUT                  | 7  |
| 5.4         | EUT Operating Condition                   | 8  |
| 5.5         | Conducted Emission Limit                  | 8  |
| 5.6         | Test Result                               | 8  |
| <b>6.0</b>  | <b>Radiated Emission test</b>             | 11 |
| 6.1         | Test Method and Test Procedure            | 11 |
| 6.2         | Configuration of the EUT                  | 11 |
| 6.3         | EUT Operation Condition                   | 11 |
| 6.4         | Radiated Emission Limit                   | 12 |
| 6.5         | Test Result                               | 13 |
| <b>7.0</b>  | <b>Band Edge</b>                          | 21 |
| 7.1         | Test Method and Test Procedure            | 21 |
| 7.2         | Radiated Test Setup                       | 21 |
| 7.3         | Configuration of the EUT                  | 21 |
| 7.4         | EUT Operating Condition                   | 21 |
| 7.5         | Band Edge Limit                           | 21 |
| 7.6         | Band Edge Test Result                     | 22 |
| <b>8.0</b>  | <b>Antenna Requirement</b>                | 26 |
| <b>9.0</b>  | <b>20dB bandwidth measurement</b>         | 27 |
| <b>10.0</b> | <b>FCC ID Label</b>                       | 30 |
| <b>11.0</b> | <b>Photo of Test Setup and EUT View</b>   | 31 |

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer, supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, The Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



## 1.0 General Details

### 1.1 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 States  
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., Lanhe Town, Nansha District, Guangzhou, China  
Telephone: +86-20-84928933 / 84928938  
Fax: +86-20-84928823

### 1.3 Description of EUT

Product: Receiver of Wireless Keyboard  
Manufacturer: Guangzhou Sunday Electronics Co., Ltd.  
Address: No.236-238, Minsheng Rd., Lanhe Town, Nansha District, Guangzhou, China  
Brand Name: Sunday  
Model Number: Receiver of S-KW258SL  
Additional Model Name: S-KW1xxxx- S-KW6xxxx ( the “x” means one discretionary character of A/a – Z/z or one Arabic number of 0 – 9)  
Additional Trade Name: N/A  
Rating: DC5.0V, Powered by PC  
Modulation Type: GFSK  
Operation Frequency: 2408-2474MHz  
Antenna Designation: Printed antenna, which is built-in, designed as an indispensable part of the EUT.  
Antenna gain is 0dBi

### 1.4 Submitted Sample

1 Sample

### 1.5 Test Duration: 2014-08-28 to 2014-09-11

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting Co., Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



1.6 Test Uncertainty

Conducted Emissions Uncertainty =3.6dB

Radiated Emissions Uncertainty =4.7dB

1.7 Test Engineer

*Terry Tang*

The sample tested by \_\_\_\_\_

Print Name: Terry Tang

| 2.0                    | Test Equipments |            |             |              |            |
|------------------------|-----------------|------------|-------------|--------------|------------|
| Instrument Type        | Manufacturer    | Model      | Serial No.  | Date of Cal. | Due Date   |
| ESPI Test Receiver     | ROHDE&SCHWARZ   | ESPI 3     | 100379      | 2014-08-23   | 2015-08-22 |
| TWO<br>Line-V-NETW     | ROHDE&SCHWARZ   | EZH3-Z5    | 100294      | 2014-08-22   | 2015-08-21 |
| TWO<br>Line-V-NETW     | ROHDE&SCHWARZ   | EZH3-Z5    | 100253      | 2014-08-22   | 2015-08-21 |
| Ultra Broadband<br>ANT | ROHDE&SCHWARZ   | HL562      | 100157      | 2014-08-24   | 2015-08-23 |
| ESDV Test Receiver     | ROHDE&SCHWARZ   | ESDV       | 100008      | 2014-08-23   | 2015-08-22 |
| Impuls-Begrenzer       | ROHDE&SCHWARZ   | ESH3-Z2    | 100281      | 2014-08-22   | 2015-08-21 |
| Loop Antenna           | EMCO            | 6502       | 00042960    | 2014-08-22   | 2015-08-21 |
| ESPI Test Receiver     | ROHDE&SCHWARZ   | ESI26      | 838786/013  | 2014-08-23   | 2015-08-22 |
| Horn Antenna           | SCHWARZBECK     | BBHA 9170  | BBHA9170265 | 2014-08-26   | 2015-08-25 |
| Horn Antenna           | SCHWARZBECK     | BBHA 9120D | 9120D-631   | 2014-08-26   | 2015-08-25 |
| Power meter            | Anritsu         | ML2487A    | 6K00003613  | 2014-08-22   | 2015-08-21 |
| Power sensor           | Anritsu         | MA2491A    | 32263       | 2014-08-22   | 2015-08-21 |
| Bilog Antenna          | Schwarebeck     | VULB9163   | 9163/340    | 2014-08-23   | 2015-08-22 |
| LISN                   | AFJ             | LS16C      | 10010947251 | 2014-08-22   | 2015-08-21 |
| LISN (Three Phase)     | Schwarebeck     | NSLK 8126  | 8126453     | 2014-08-22   | 2015-08-21 |
| 9*6*6 Anechoic         | --              | --         | N/A         | 2014-08-22   | 2015-08-21 |
| EMI Test Receiver      | RS              | ESCS30     | 100139      | 2014-08-23   | 2015-08-22 |

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, The Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



### 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       | 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                                      | 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

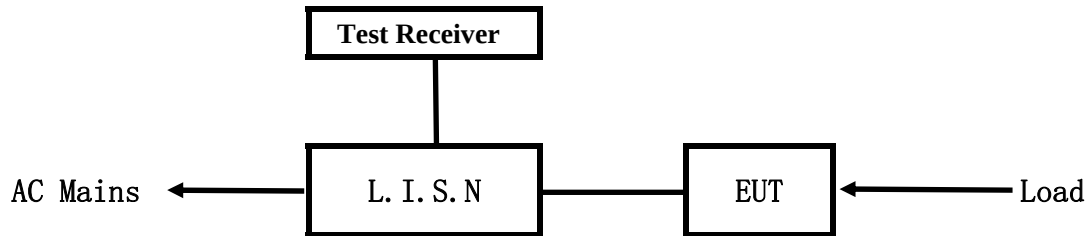
The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting Co., Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

## 5. Power Line Conducted Emission Test

### 5.1 Schematics of the test

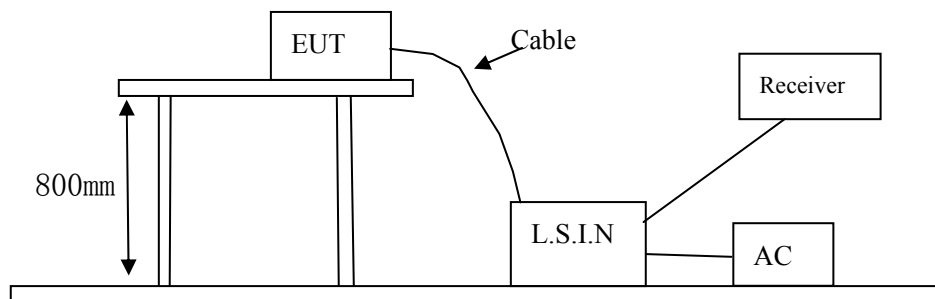


EUT: Equipment Under Test

### 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 50ohm/50uH as specified by section 5.1 of ANSI C63.4 –2003. Actual Working Voltage and Frequency: 120V~, 60Hz (PC Host)

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         |
|-------------------------------|----------------------------------------|-----------------------|----------------|
| Receiver of Wireless Keyboard | Guangzhou Sunday Electronics Co., Ltd. | Receiver of S-KW258SL | XQLS-KW258SL-D |

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



B. Internal Device

| Device | Manufacturer | Model | FCC ID/DOC |
|--------|--------------|-------|------------|
| N/A    |              |       |            |

C. Peripherals

| Device           | Manufacturer | Model  | FCC ID/DOC | Cable                                |
|------------------|--------------|--------|------------|--------------------------------------|
| Notebook         | LENOVO       | E43L   | FCC DOC    | --                                   |
| Notebook         | IBM          | R4     | FCC DOC    | --                                   |
| Mouse            | DELL         | --     | FCC DOC    | Data cable of 1.5m length unshielded |
| Passive Earphone | --           | --     | FCC VOC    | Data cable of 1.5m length unshielded |
| LCD Monitor      | SUMSANG      | PH2450 | FCC DOC    | --                                   |
| Monitor          | DELL         | D710   | FCC DOC    | --                                   |

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

| Frequency(MHz) | Class A Limits (dB $\mu$ V) |               | Class B Limits (dB $\mu$ V) |               |
|----------------|-----------------------------|---------------|-----------------------------|---------------|
|                | Quasi-peak Level            | Average Level | Quasi-peak Level            | Average Level |
| 0.15 ~ 0.50    | 79.0                        | 66.0          | 66.0~56.0*                  | 56.0~46.0*    |
| 0.50 ~ 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.

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, The Shenzhen Timeway Technology Consulting Co., Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



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

**EUT Operating Environment**

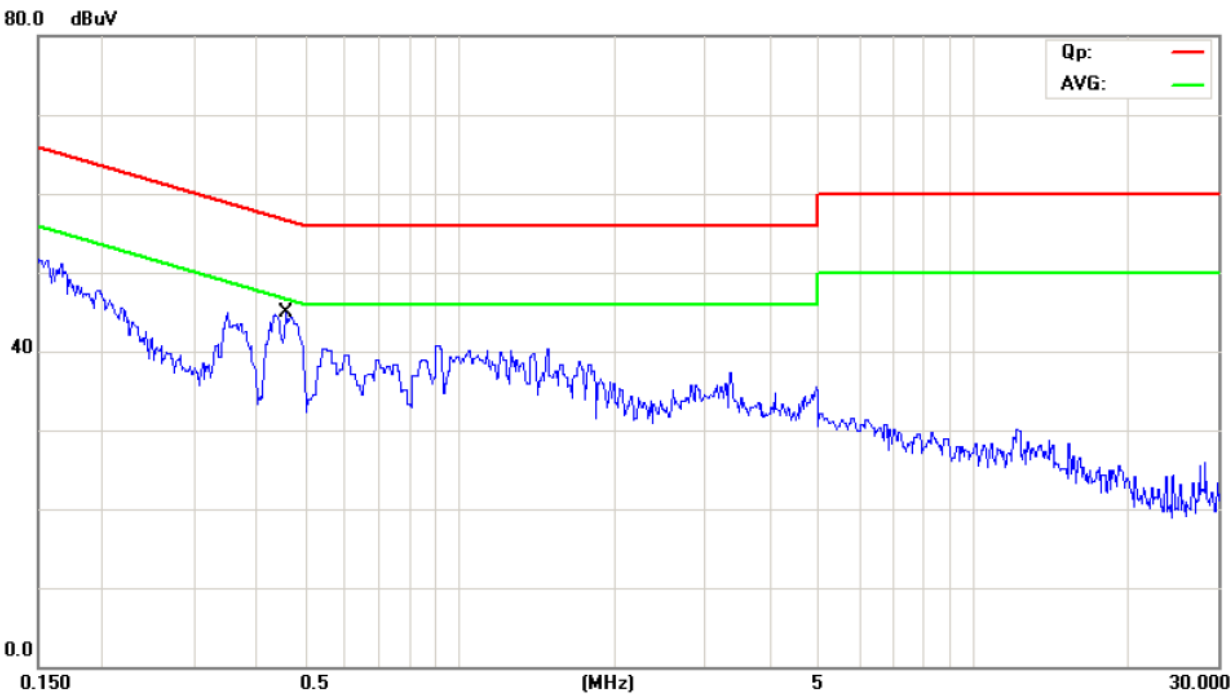
Temperature: 25°C      Humidity: 65%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Keep Transmitting**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measure-ment | Limit | Over   |          |         |
|-----|-----|--------|---------------|----------------|--------------|-------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV         | dBuV  | dB     | Detector | Comment |
| 1   |     | 0.4556 | 25.20         | 11.32          | 36.52        | 56.77 | -20.25 | QP       |         |
| 2   | *   | 0.4556 | 17.30         | 11.32          | 28.62        | 46.77 | -18.15 | AVG      |         |

The report refers only to the sample tested and does not apply to the bulk.  
This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.  
In the event of the improper use of the report, The Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



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

**EUT Operating Environment**

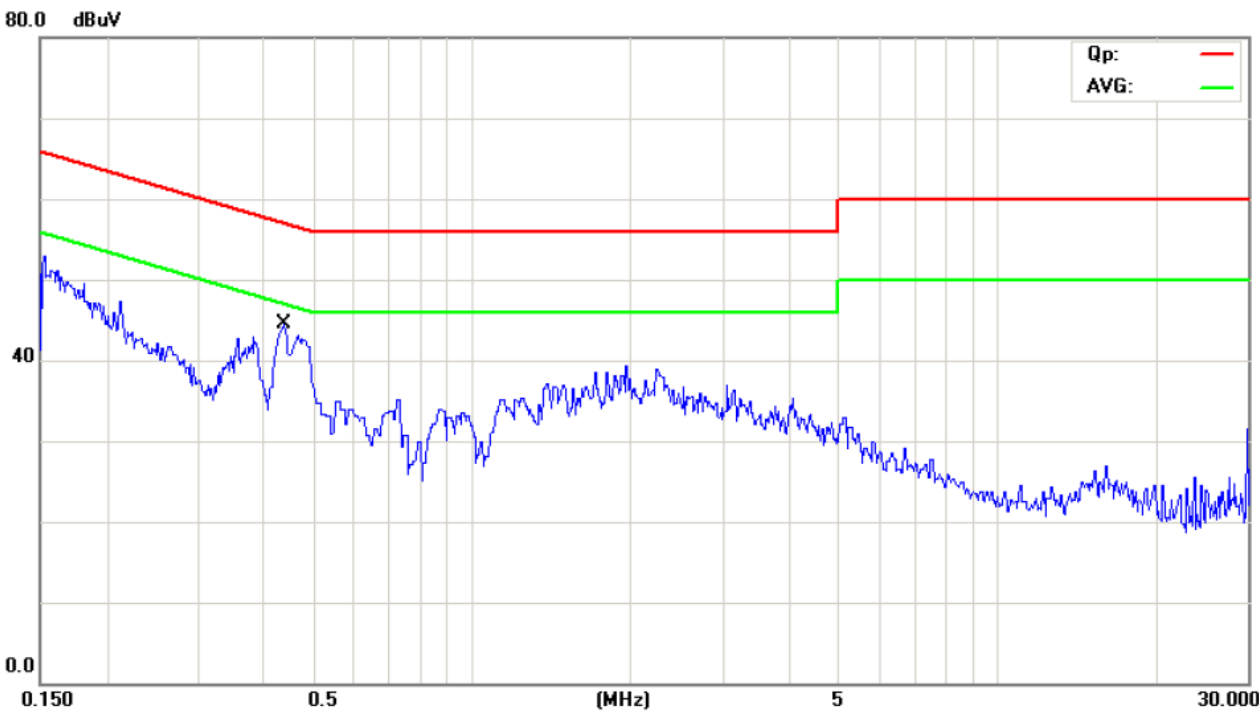
Temperature: 25°C      Humidity: 65%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Keep Transmitting**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measure-ment | Limit | Over   | Detector | Comment |
|-----|-----|--------|---------------|----------------|--------------|-------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV         | dBuV  | dB     |          |         |
| 1   |     | 0.4362 | 31.30         | 11.30          | 42.60        | 57.13 | -14.53 | QP       |         |
| 2   | *   | 0.4362 | 26.10         | 11.30          | 37.40        | 47.13 | -9.73  | AVG      |         |

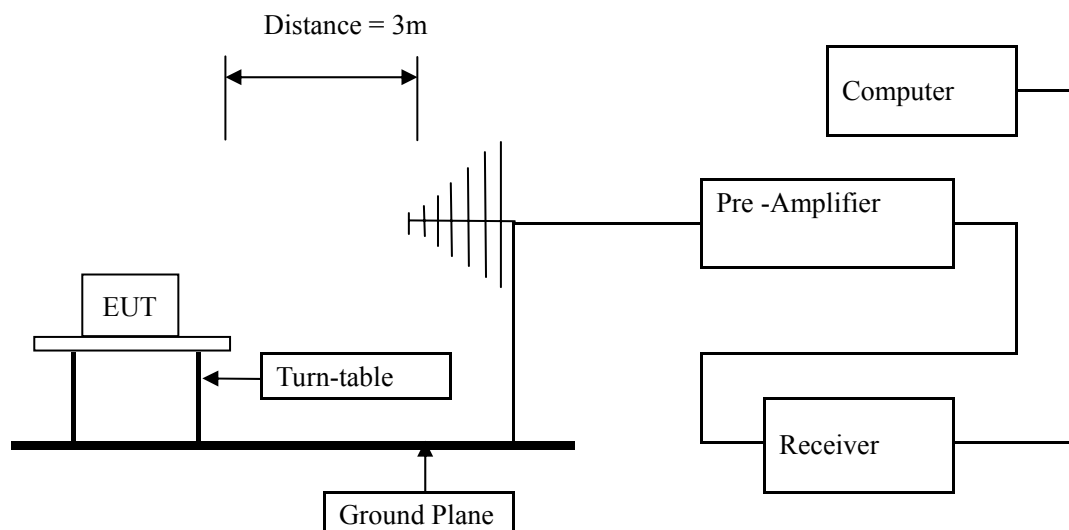
The report refers only to the sample tested and does not apply to the bulk.  
This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co.,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting Co.,Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.  
In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting Co.,Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

## 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.

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer, supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client, enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, the Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



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

- Note:
1. RF Field Strength (dBuV) = 20 log RF Voltage (uV)
  2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
  3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

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

| Frequency Range (MHz) | Distance (m) | Field strength (dB $\mu$ 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. 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

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, The Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



## 6.5 Test result

### A Fundamental & Harmonics Radiated Emission Data

|               |                                    |              |                               |
|---------------|------------------------------------|--------------|-------------------------------|
| Product:      | Receiver of Wireless Keyboard      | Test Mode:   | Low Channel—Keep Transmitting |
| Test Item:    | Fundamental Radiated Emission Data | Temperature: | 25℃                           |
| Test Voltage: | 5.0VDC                             | Humidity:    | 56%                           |
| Test Result:  | Pass                               |              |                               |

| Frequency (MHz) | Emission PK/AV (dBuV/m) | Horiz / Vert | Limits PK/AV (dBuV/m) | Margin (dB) |
|-----------------|-------------------------|--------------|-----------------------|-------------|
| 2408            | 93.48 (PK)              | H            | 114/94                | -0.52       |
| 2408            | 92.58 (PK)              | V            | 114/94                | -1.42       |
| 4816            | --                      | H/V          | 74/54                 | --          |
| 7224            | --                      | H/V          | 74/54                 | --          |
| 9632            | --                      | H/V          | 74/54                 | --          |
| 12040           | --                      | H/V          | 74/54                 | --          |
| 14448           | --                      | H/V          | 74/54                 | --          |
| 16856           | --                      | H/V          | 74/54                 | --          |
| 19264           | --                      | H/V          | 74/54                 | --          |
| 21672           | --                      | H/V          | 74/54                 | --          |
| 24080           | --                      | H/V          | 74/54                 | --          |

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, The Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



|               |                                    |              |                                  |
|---------------|------------------------------------|--------------|----------------------------------|
| Product:      | Receiver of Wireless Keyboard      | Test Mode:   | Middle Channel—Keep Transmitting |
| Test Item:    | Fundamental Radiated Emission Data | Temperature: | 25℃                              |
| Test Voltage: | 5.0VDC                             | Humidity:    | 56%                              |
| Test Result:  | Pass                               |              |                                  |

| Frequency (MHz) | Emission PK/AV (dBuV/m) | Horiz / Vert | Limits PK/AV (dBuV/m) | Margin (dB) |
|-----------------|-------------------------|--------------|-----------------------|-------------|
| 2440            | 91.28 (PK)              | H            | 114/94                | -2.72       |
| 2440            | 90.02.(PK)              | V            | 114/94                | -3.98       |
| 4880            | --                      | H/V          | 74/54                 | --          |
| 7320            | --                      | H/V          | 74/54                 | --          |
| 9760            | --                      | H/V          | 74/54                 | --          |
| 12200           | --                      | H/V          | 74/54                 | --          |
| 14640           | --                      | H/V          | 74/54                 | --          |
| 17080           | --                      | H/V          | 74/54                 | --          |
| 19520           | --                      | H/V          | 74/54                 | --          |
| 21960           | --                      | H/V          | 74/54                 | --          |
| 24400           | --                      | H/V          | 74/54                 | --          |

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, The Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



|               |                                    |              |                                |
|---------------|------------------------------------|--------------|--------------------------------|
| Product:      | Receiver of Wireless Keyboard      | Test Mode:   | High Channel—Keep Transmitting |
| Test Item:    | Fundamental Radiated Emission Data | Temperature: | 25℃                            |
| Test Voltage: | 5.0VDC                             | Humidity:    | 56%                            |
| Test Result:  | Pass                               |              |                                |

| Frequency (MHz) | Emission PK/AV (dBuV/m) | Horiz / Vert | Limits PK/AV (dBuV/m) | Margin (dB) |
|-----------------|-------------------------|--------------|-----------------------|-------------|
| 2474            | 89.06 (PK)              | H            | 114/94                | -4.94       |
| 2474            | 89.57 (PK)              | V            | 114/94                | -4.43       |
| 4948            | --                      | H/V          | 74/54                 | --          |
| 7422            | --                      | H/V          | 74/54                 | --          |
| 9896            | --                      | H/V          | 74/54                 | --          |
| 12370           | --                      | H/V          | 74/54                 | --          |
| 14844           | --                      | H/V          | 74/54                 | --          |
| 17318           | --                      | H/V          | 74/54                 | --          |
| 19792           | --                      | H/V          | 74/54                 | --          |
| 22266           | --                      | H/V          | 74/54                 | --          |
| 24740           | --                      | H/V          | 74/54                 | --          |

- Note:
- (1) PK= Peak, AV= Average
  - (2) Emission Level = Reading Level + Probe 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

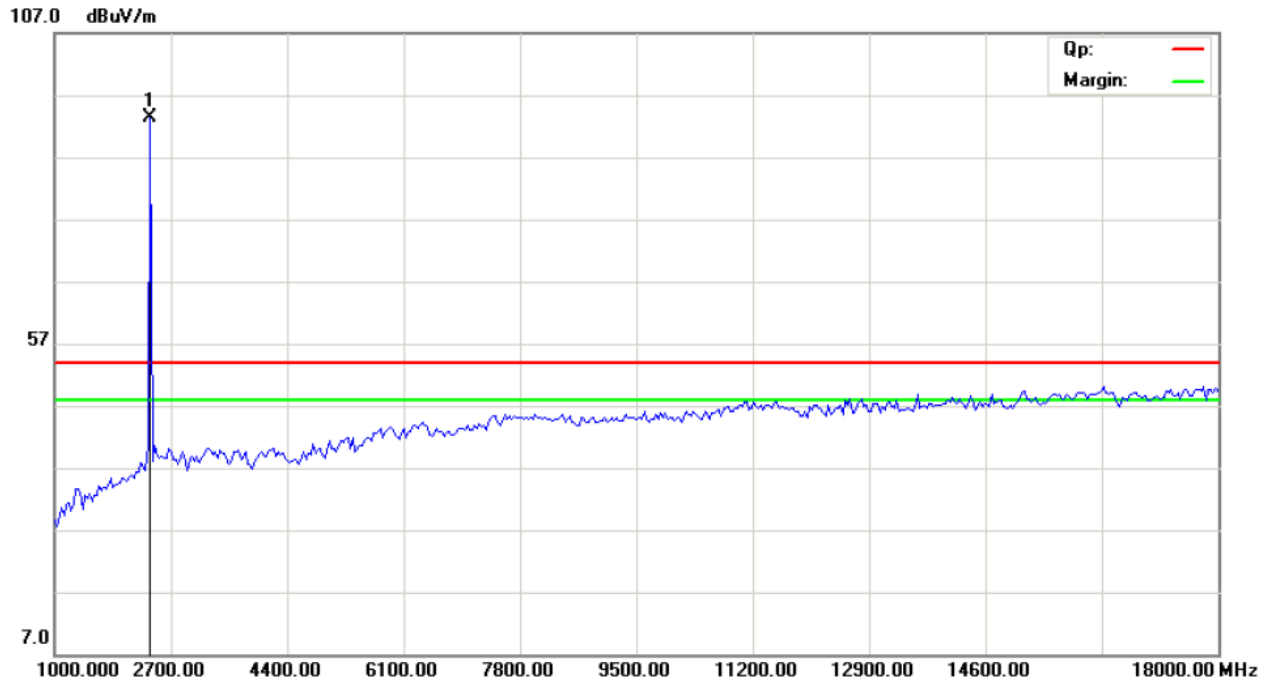
The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

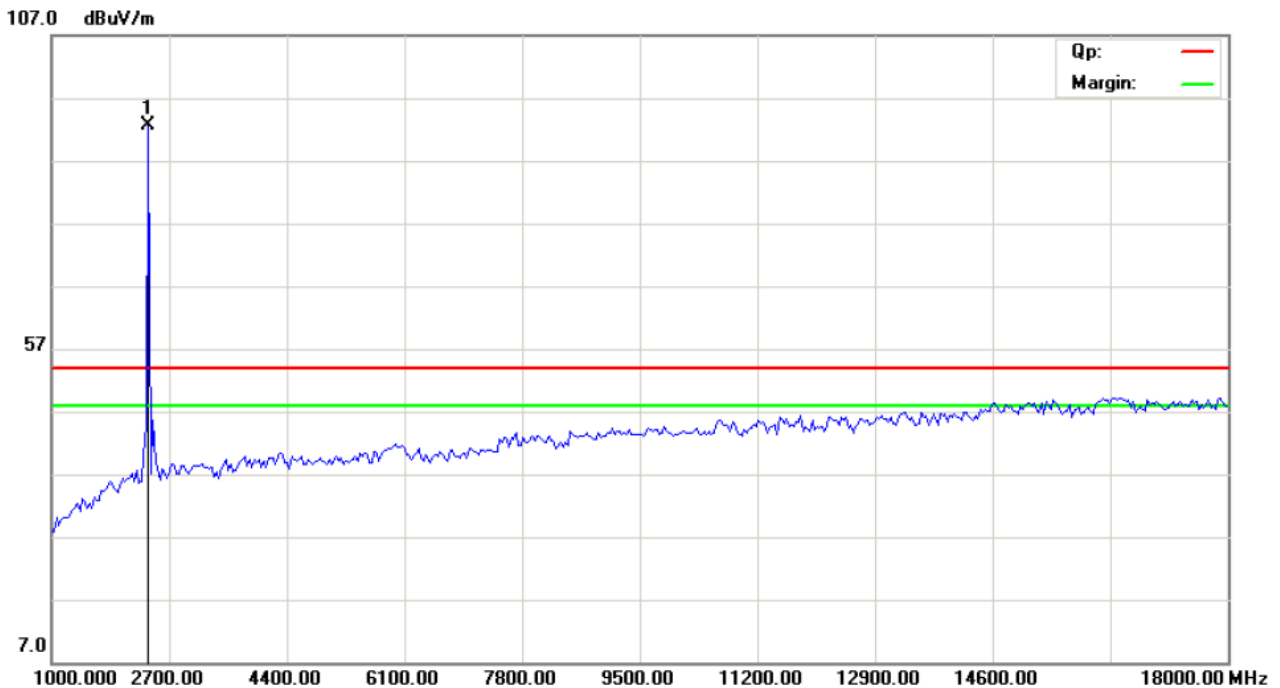
In the event of the improper use of the report, The Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

Please refer to the following test plots for details:

**Low Channel: Horizontal**



**Low Channel : Vertical**

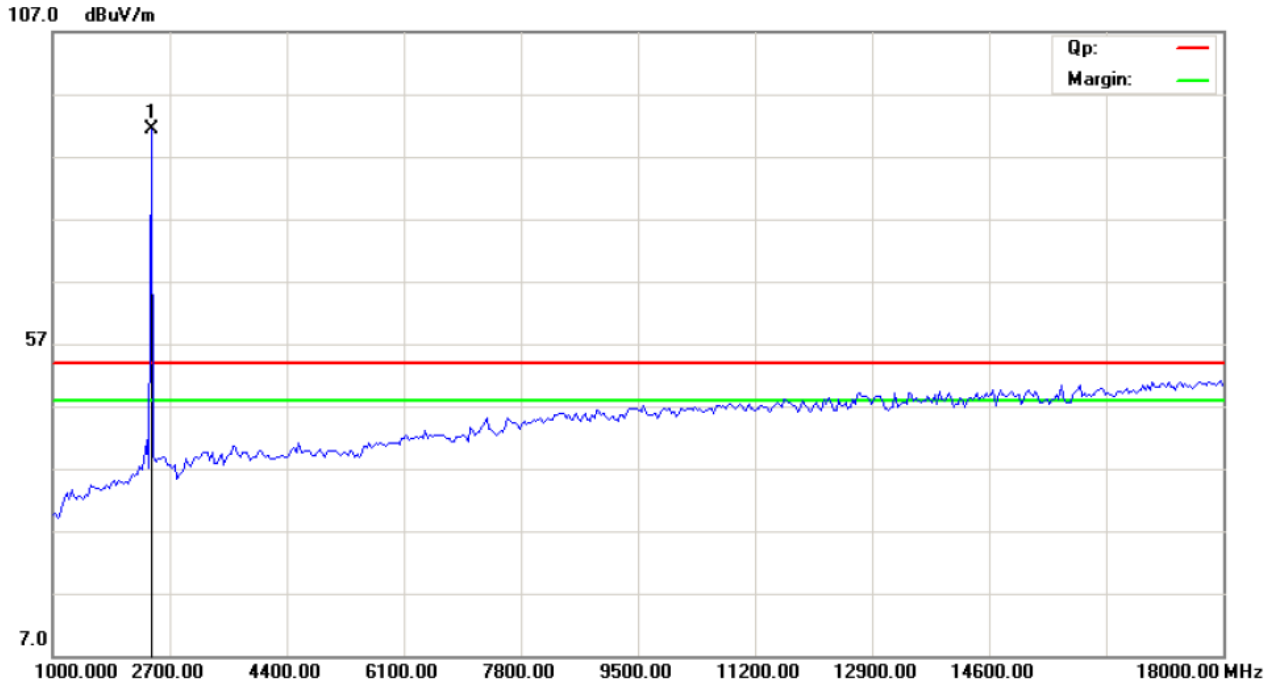


The report refers only to the sample tested and does not apply to the bulk.

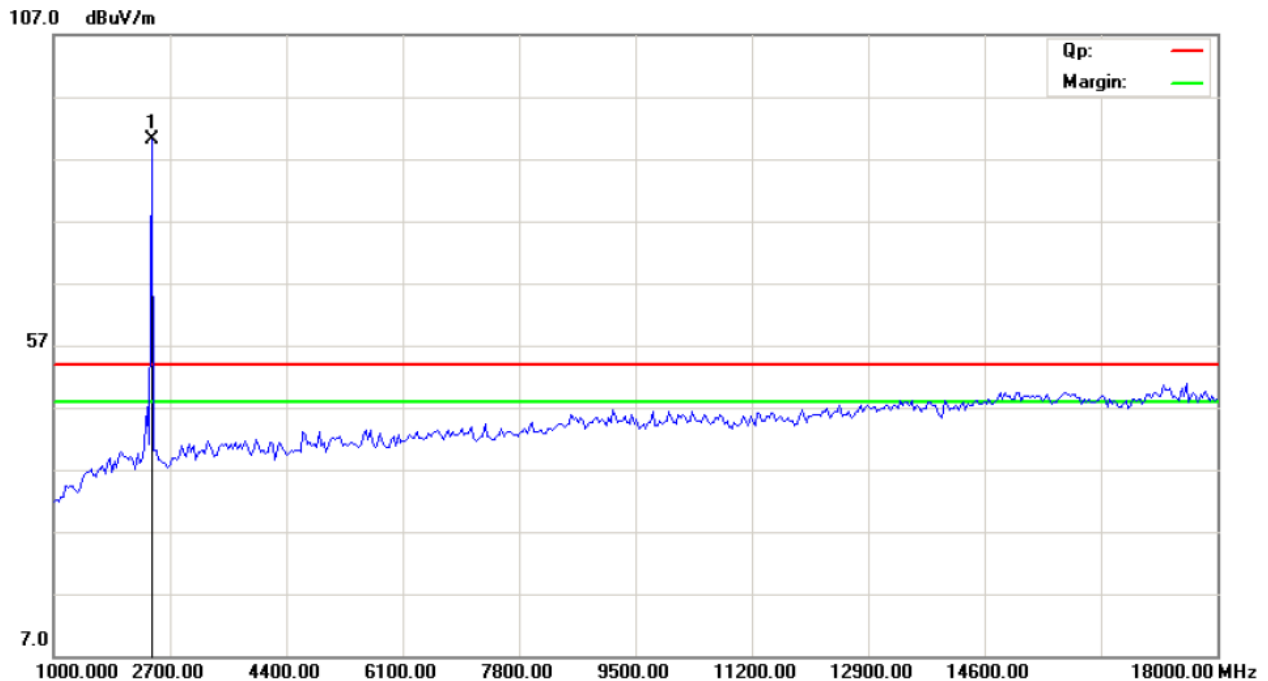
This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer, supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client, enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, the Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

### Middle Channel : Horizontal



### Middle Channel :: Vertical

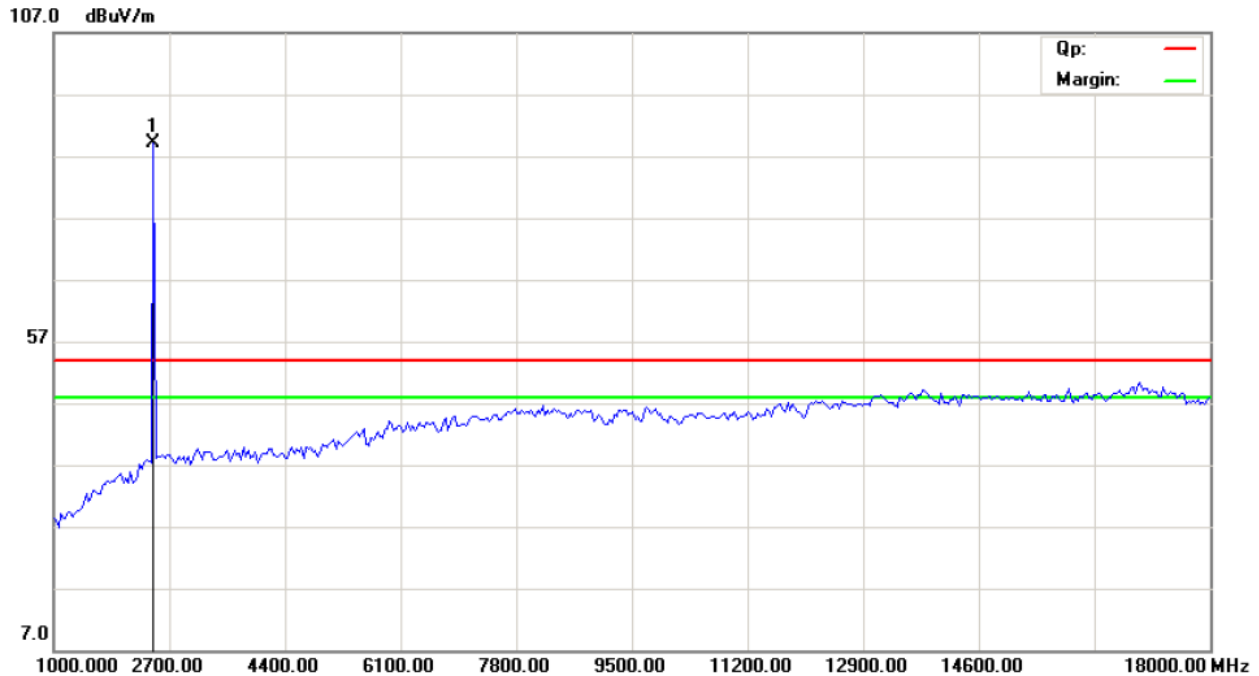


The report refers only to the sample tested and does not apply to the bulk.

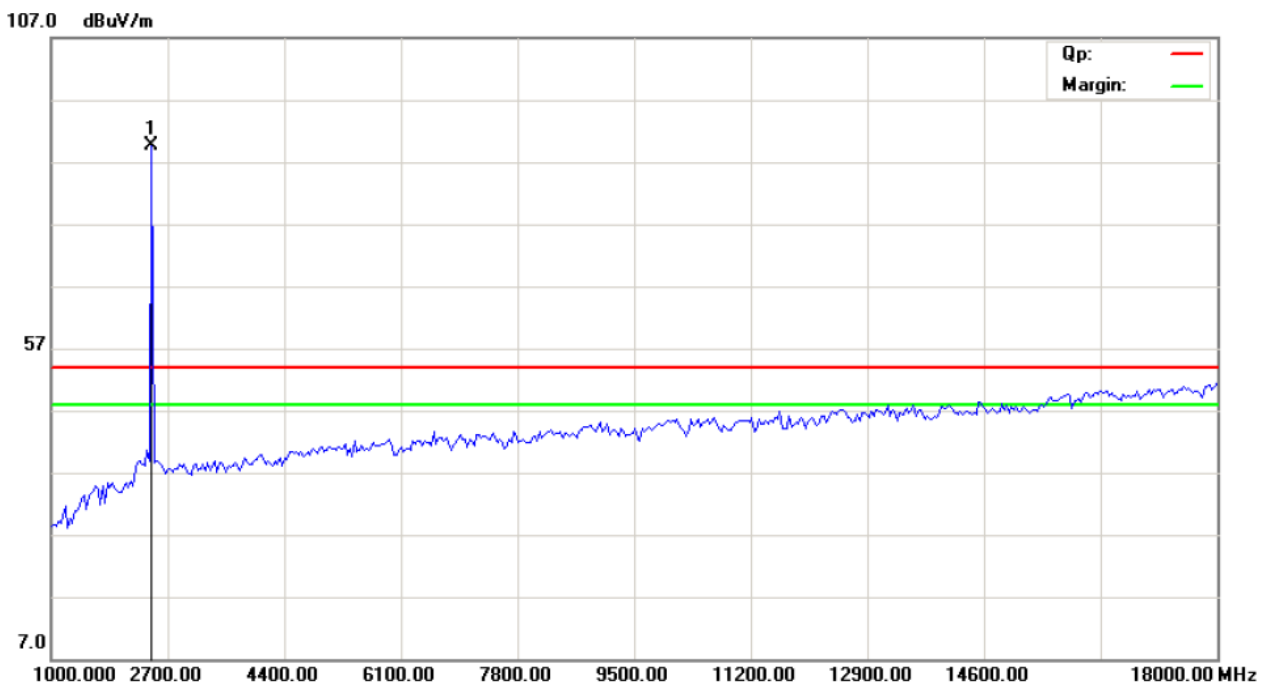
This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

### High Channel : Horizontal



### High Channel : Vertical



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

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer, supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client, enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, the Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

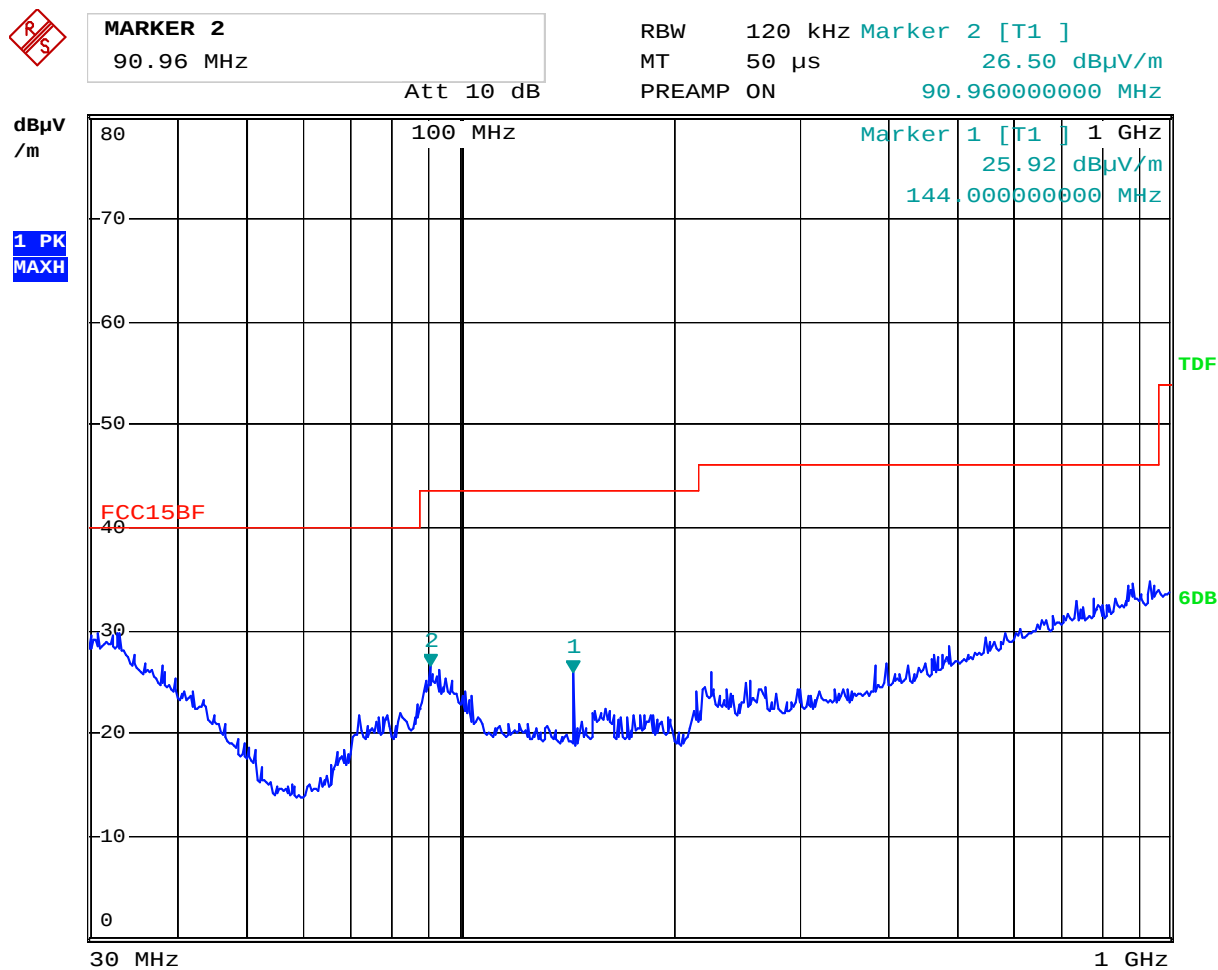


B. General Radiated Emission Data  
Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep transmitting  
Mode: Low Channel

Results: Pass

Please refer to following diagram for individual



Date: 2.SEP.2014 16:17:24

| Frequency (MHz) | Level@3m (dB μ V/m) | Antenna Polarity | Limit@3m (dB μ V/m) |
|-----------------|---------------------|------------------|---------------------|
| 90.960          | 26.50               | H                | 43.50               |
| 144.000         | 25.92               | H                | 43.50               |

The report refers only to the sample tested and does not apply to the bulk.  
This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co.,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co.,Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.  
In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co.,Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

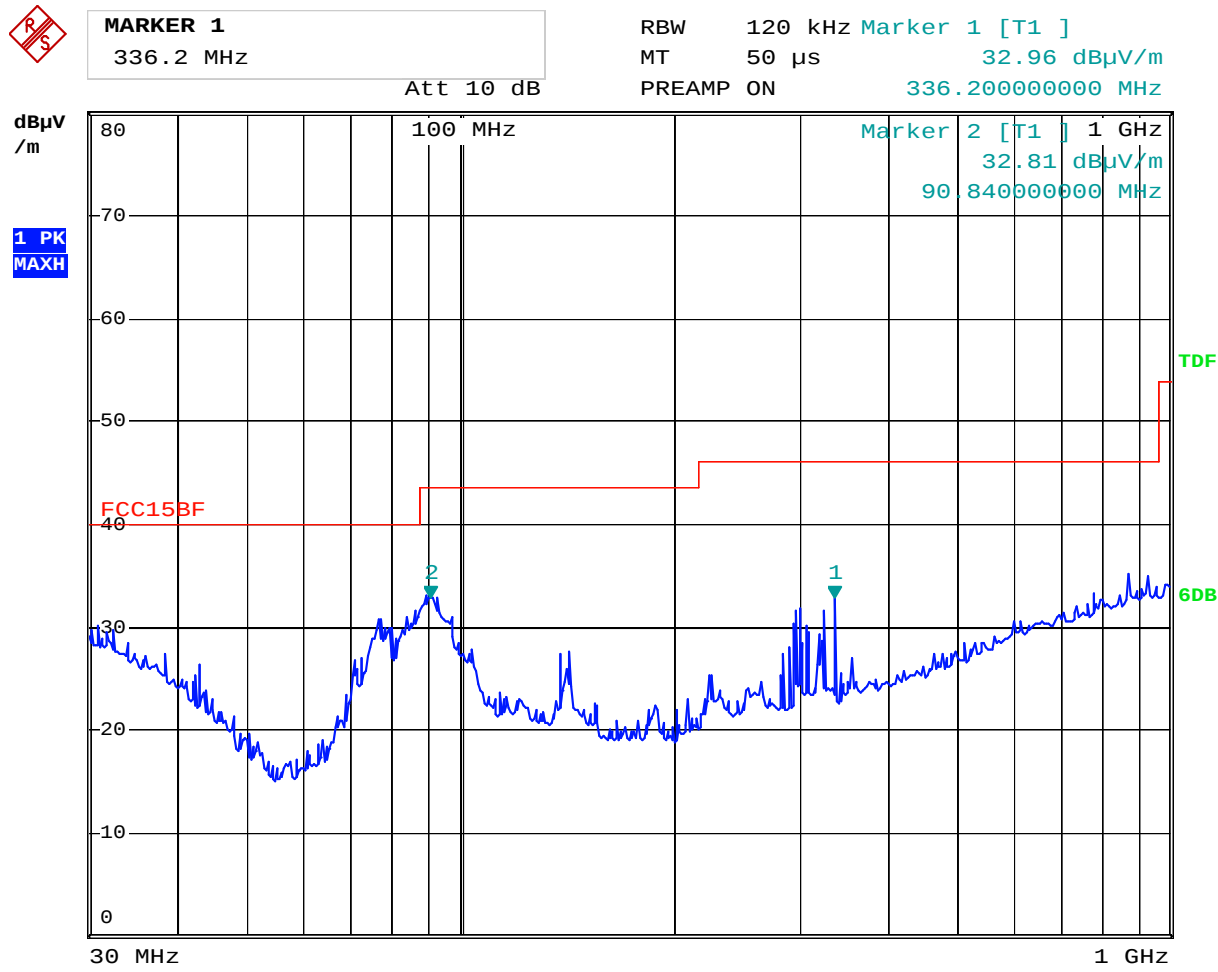


**Radiated Emission In Horizontal (30MHz----1000MHz)**

EUT set Condition:   Keep transmitting  
Mode:                   Low Channel

**Results:    Pass**

Please refer to following diagram for individual



Date:           2.SEP.2014   16:19:59

| Frequency (MHz) | Level@3m (dB μ V/m) | Antenna Polarity | Limit@3m (dB μ V/m) |
|-----------------|---------------------|------------------|---------------------|
| 336.200         | 32.96               | V                | 46.00               |
| 90.840          | 32.81               | V                | 43.50               |

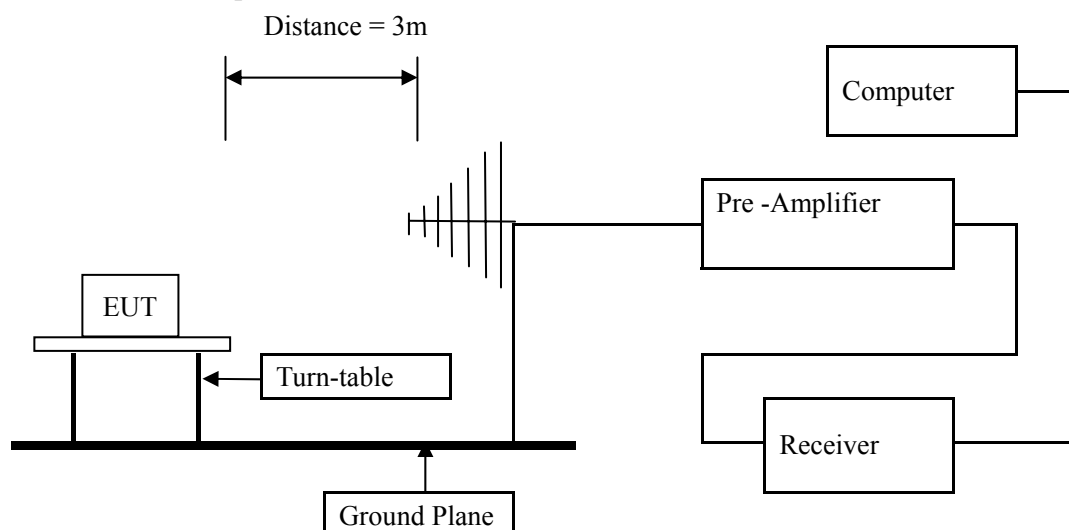
The report refers only to the sample tested and does not apply to the bulk.  
This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co.,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co.,Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.  
In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co.,Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

## 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.

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, The Shenzhen Timeway Technology Consulting Co., Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

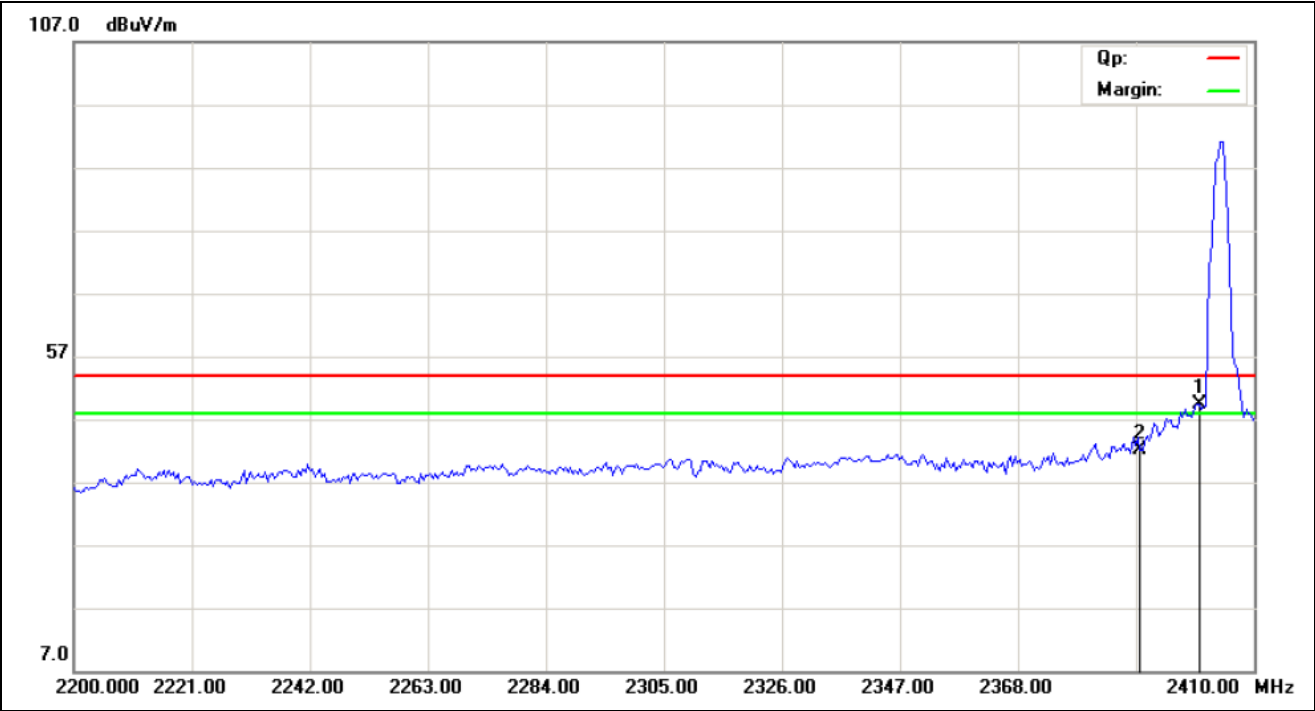


7.6 Restrict Band Test Result

|              |                               |       |              |             |
|--------------|-------------------------------|-------|--------------|-------------|
| Product:     | Receiver of Wireless Keyboard |       | Test Mode:   | Low Channel |
| Mode         | Keeping Transmitting          |       | Test Voltage | DC5V        |
| Temperature  | 24 deg. C                     |       | Humidity     | 56% RH      |
| Test Result: | Pass                          |       | Detector     | PK          |
| 2390MHz      | PK (dBμV/m)                   | 42.03 | Limit        | 74(dBμV/m)  |
|              | AV(dBμV/m)                    | --    |              | 54(dBμV/m)  |
| 2400MHz      | PK (dBμV/m)                   | 49.49 |              | 74(dBμV/m)  |
|              | AV(dBμV/m)                    | --    |              | 54(dBμV/m)  |

Test Figure:

Horizontal:



The report refers only to the sample tested and does not apply to the bulk.  
This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertizing. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co.,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co.,Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.  
In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co.,Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

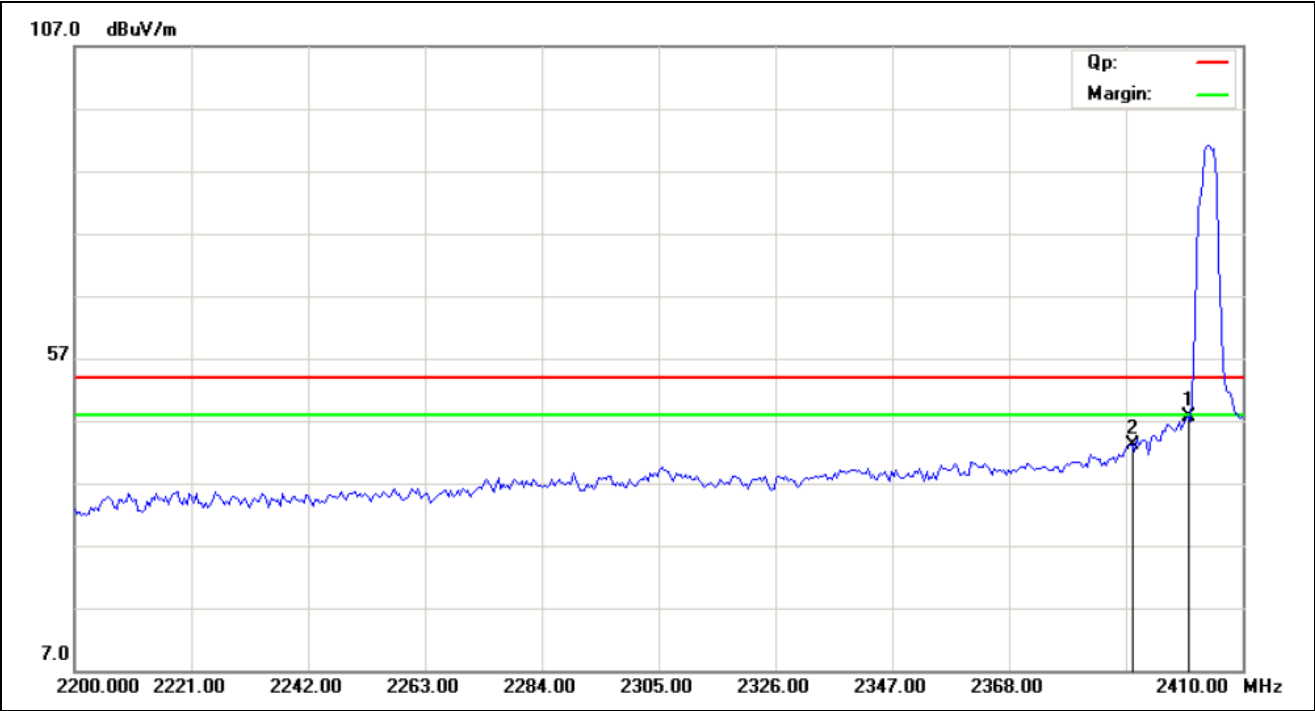


7.6 Restrict Band Test Result

|              |                               |       |              |             |
|--------------|-------------------------------|-------|--------------|-------------|
| Product:     | Receiver of Wireless Keyboard |       | Test Mode:   | Low Channel |
| Mode         | Keeping Transmitting          |       | Test Voltage | DC5V        |
| Temperature  | 24 deg. C                     |       | Humidity     | 56% RH      |
| Test Result: | Pass                          |       | Detector     | PK          |
| 2390MHz      | PK (dBμV/m)                   | 43.11 | Limit        | 74(dBμV/m)  |
|              | AV(dBμV/m)                    | --    |              | 54(dBμV/m)  |
| 2400MHz      | PK (dBμV/m)                   | 47.69 | Limit        | 74(dBμV/m)  |
|              | AV(dBμV/m)                    |       |              | 54(dBμV/m)  |

Test Figure:

Vertical:



The report refers only to the sample tested and does not apply to the bulk.  
This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co.,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting Co.,Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.  
In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting Co.,Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

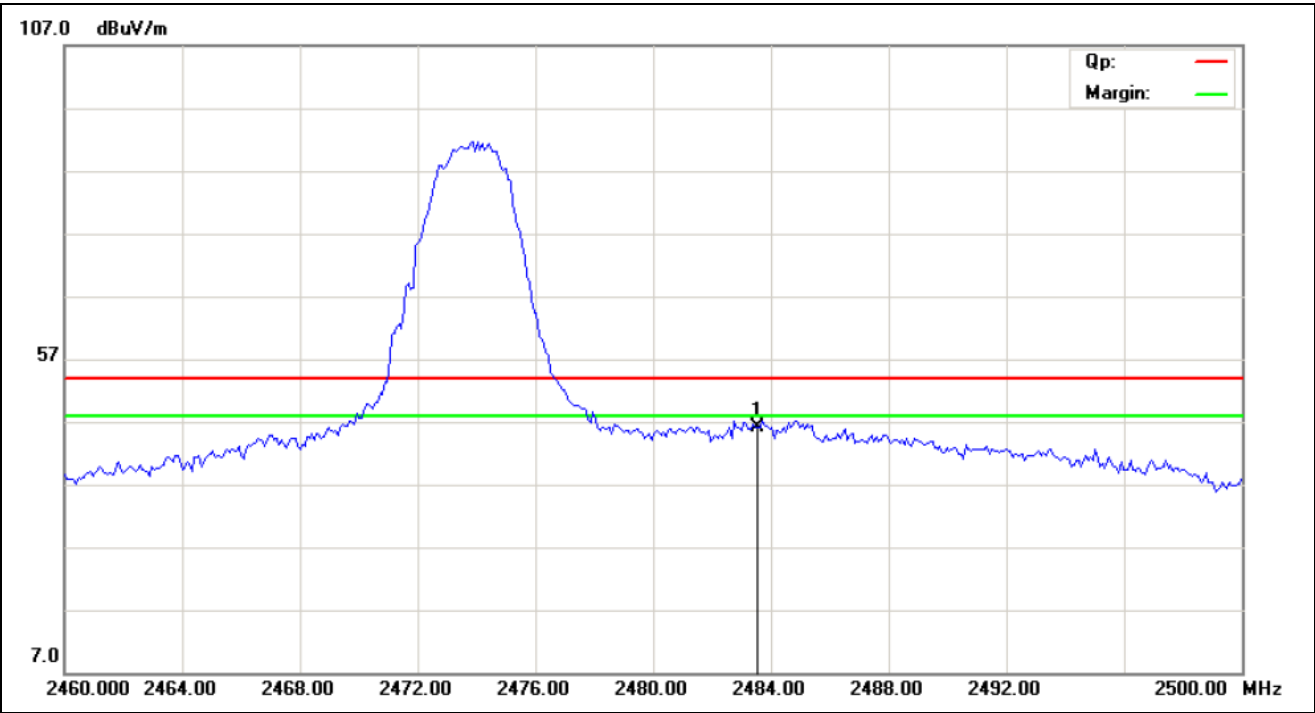


7.6 Restrict Band Test Result

|              |                               |       |              |              |
|--------------|-------------------------------|-------|--------------|--------------|
| Product:     | Receiver of Wireless Keyboard |       | Test Mode:   | High Channel |
| Mode         | Keeping Transmitting          |       | Test Voltage | DC5V         |
| Temperature  | 24 deg. C                     |       | Humidity     | 56% RH       |
| Test Result: | Pass                          |       | Detector     | PK           |
| 2483.5MHz    | PK (dBμV/m)                   | 46.24 | Limit        | 74(dBμV/m)   |
|              | AV(dBμV/m)                    | --    |              | 54(dBμV/m)   |

Test Figure:

Horizontal:



The report refers only to the sample tested and does not apply to the bulk.  
This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co.,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co.,Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.  
In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co.,Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

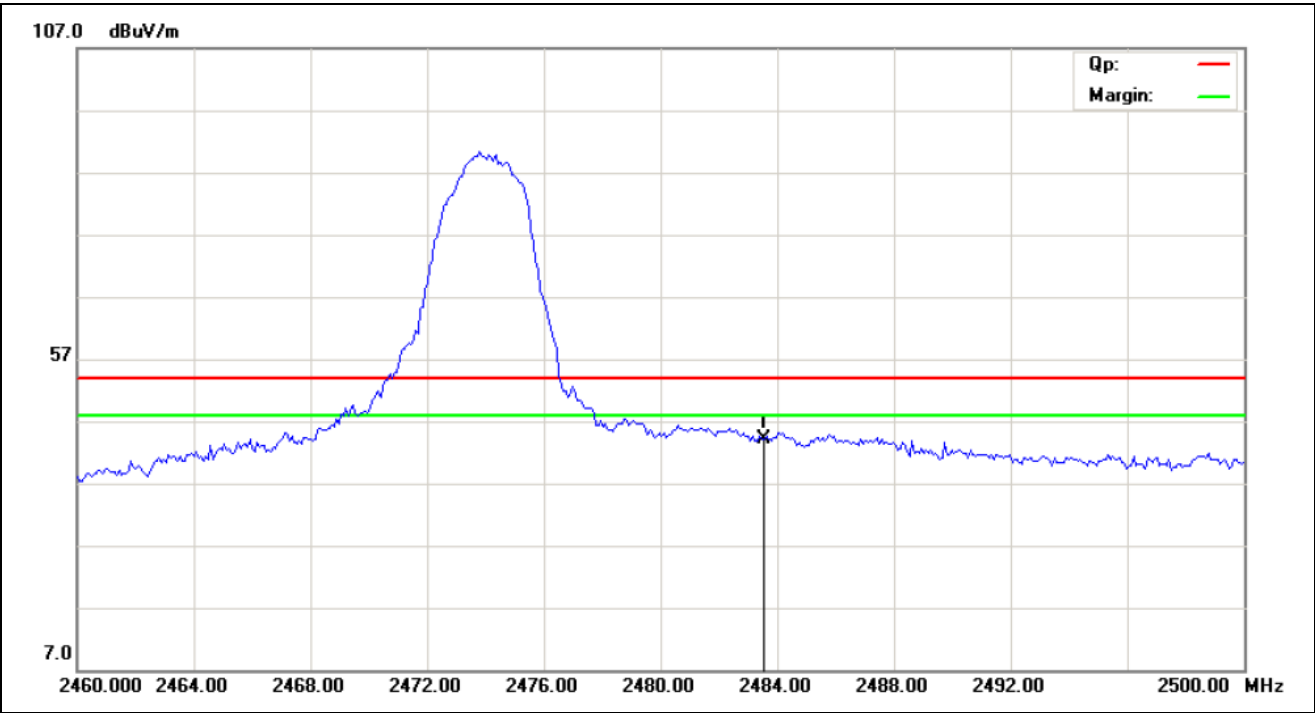


7.6 Restrict Band Test Result

|              |                               |       |              |              |
|--------------|-------------------------------|-------|--------------|--------------|
| Product:     | Receiver of Wireless Keyboard |       | Test Mode:   | High Channel |
| Mode         | Keeping Transmitting          |       | Test Voltage | DC5V         |
| Temperature  | 24 deg. C                     |       | Humidity     | 56% RH       |
| Test Result: | Pass                          |       | Detector     | PK           |
| 2483.5MHz    | PK (dBμV/m)                   | 44.24 | Limit        | 74(dBμV/m)   |
|              | AV(dBμV/m)                    | --    |              | 54(dBμV/m)   |

Test Figure:

Vertical:



The report refers only to the sample tested and does not apply to the bulk.  
This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.  
In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



## 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.

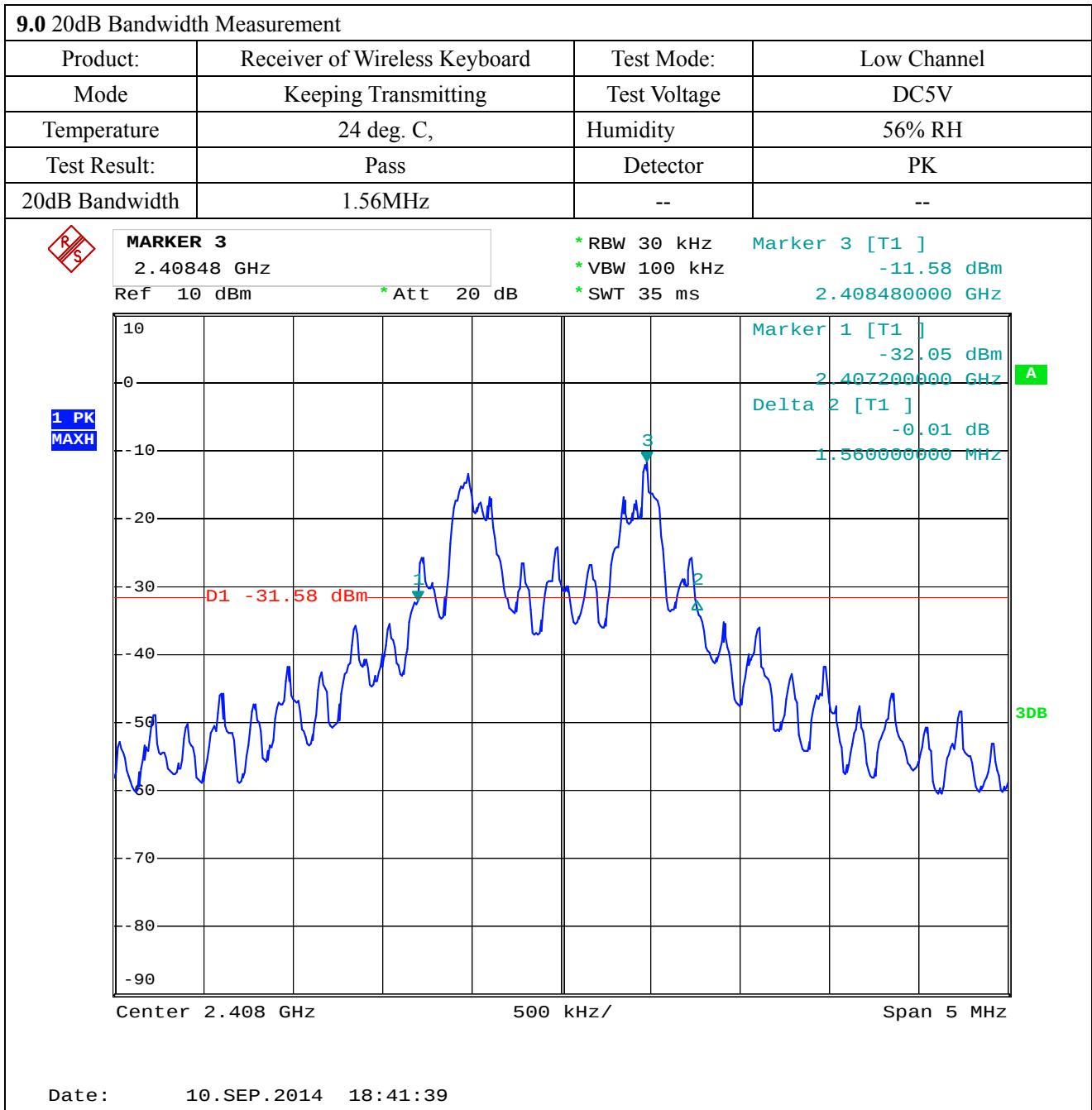
This product has a PCB permanent antenna, fulfill the requirement of this section.

Test Result: Pass

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer, supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

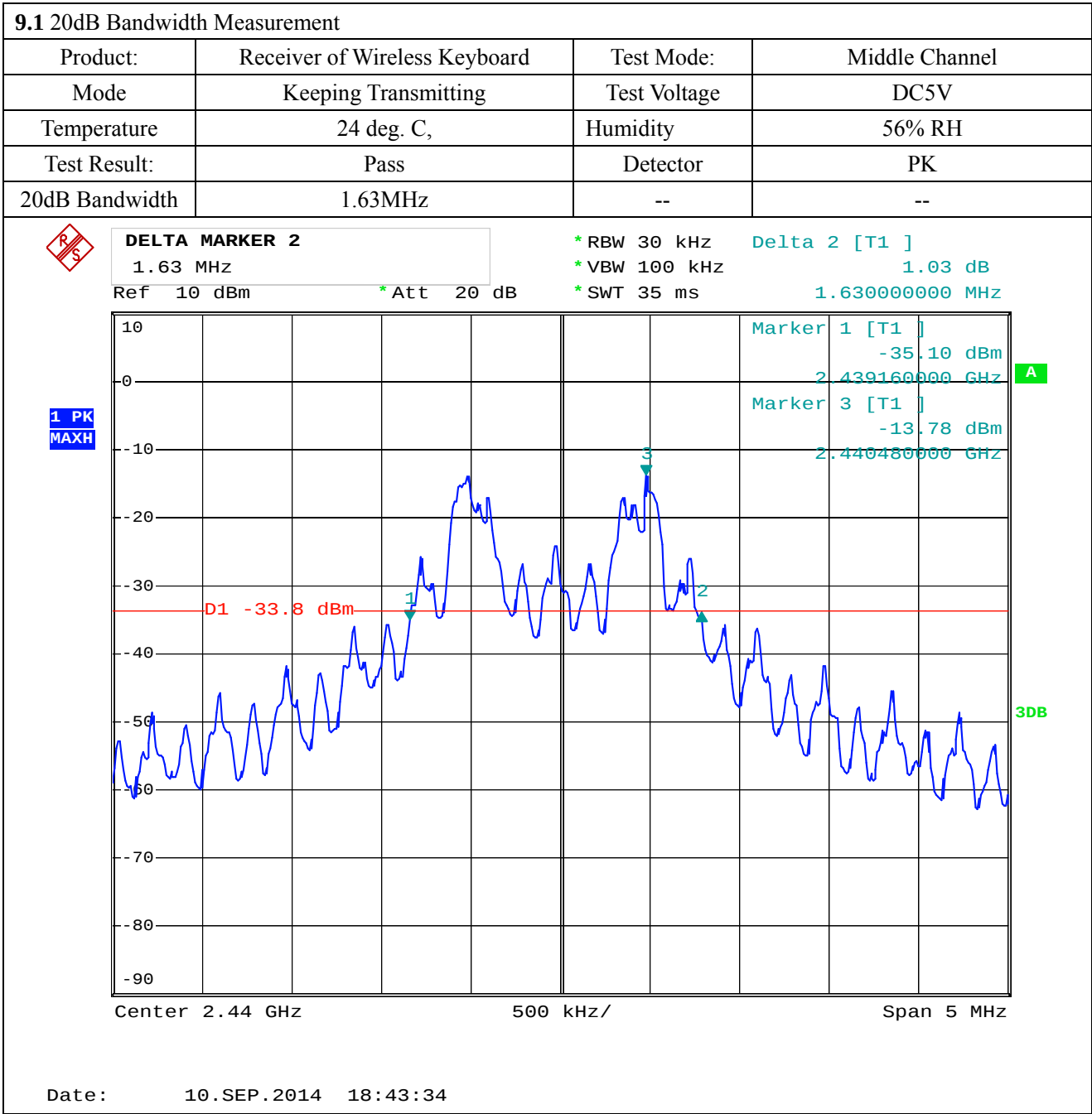
In the event of the improper use of the report, The Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



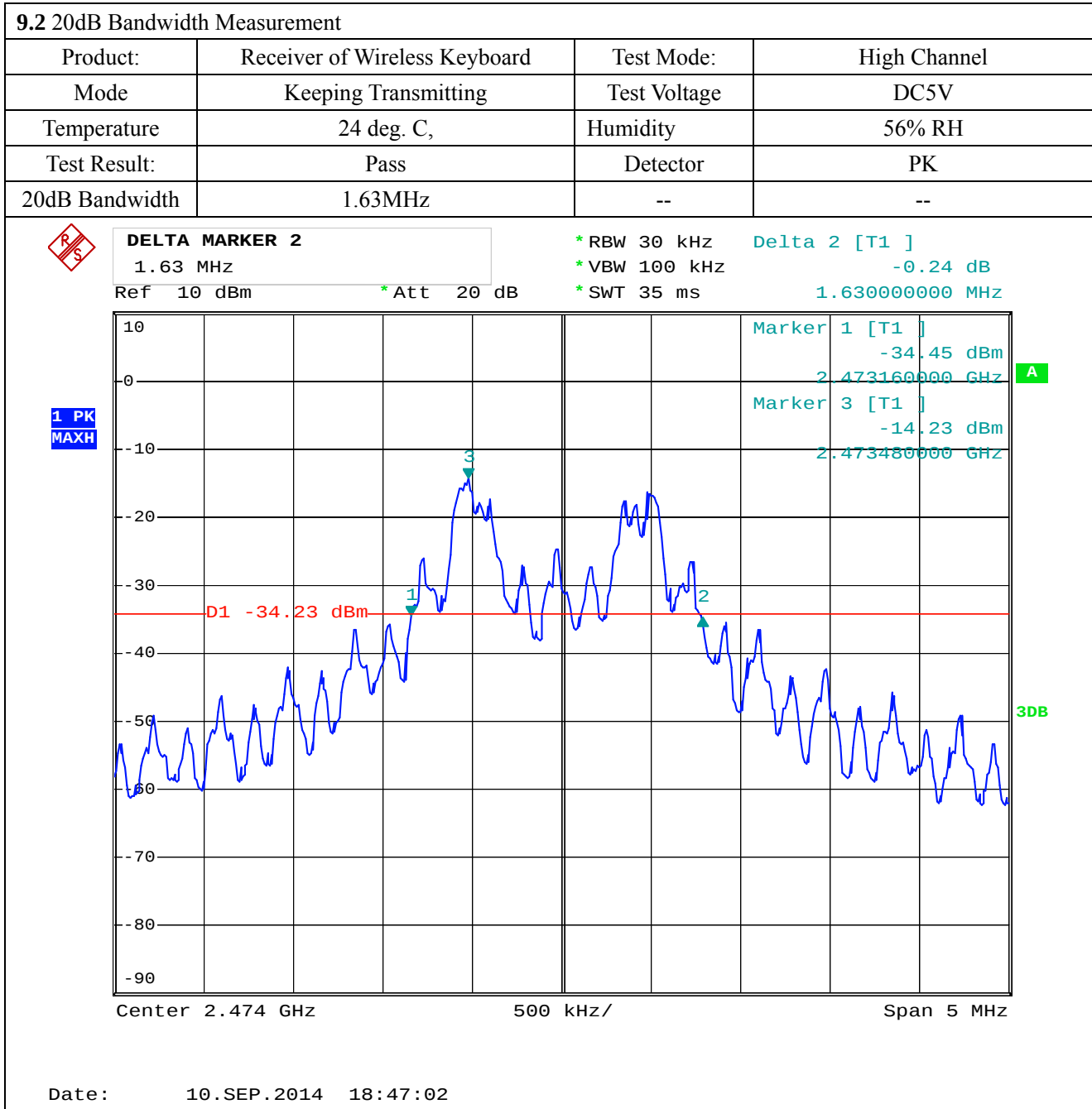
The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, The Shenzhen Timeway Technology Consulting Co., Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



The report refers only to the sample tested and does not apply to the bulk.  
This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertizing. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co.,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co.,Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.  
In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co.,Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer. Supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

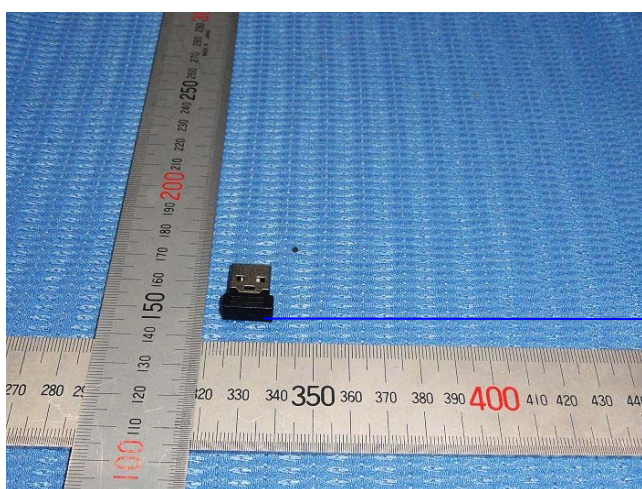
In the event of the improper use of the report, the Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

## 10.0 FCC ID Label

### FCC ID: XQLS-KW258SL-D

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:



FCC ID Label Location

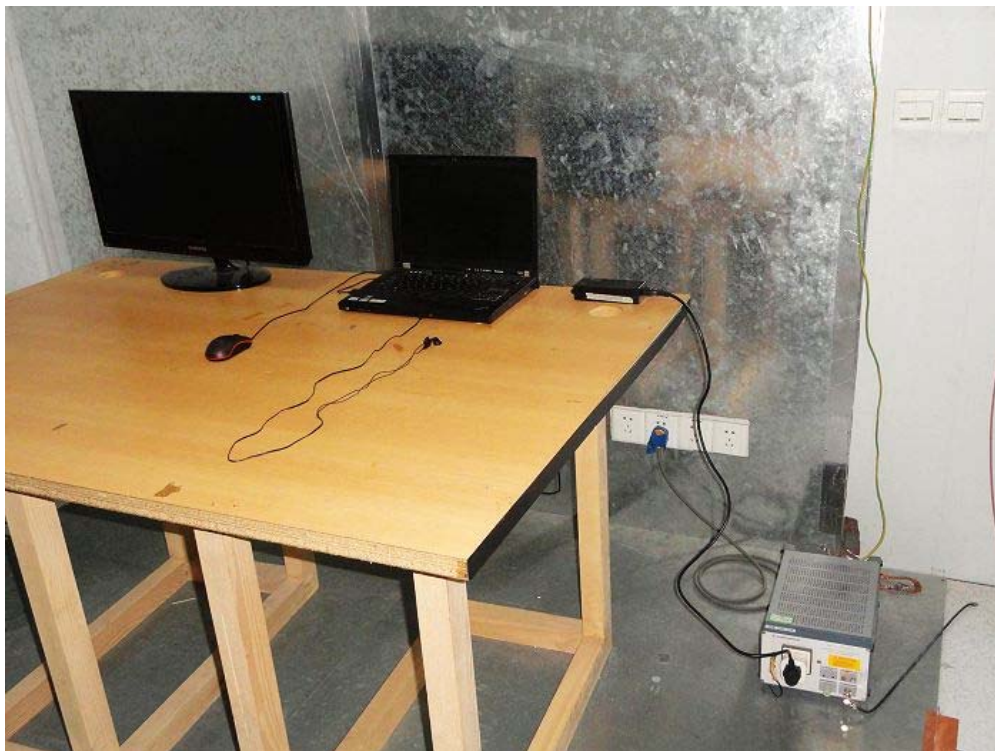
The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer, supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client, enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, the Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

## 11.0 Photo of testing

### 11.1 Conducted test View--



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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer, supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client, enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, the Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

11.2 Radiated emission test view



11.2 Radiated emission test view



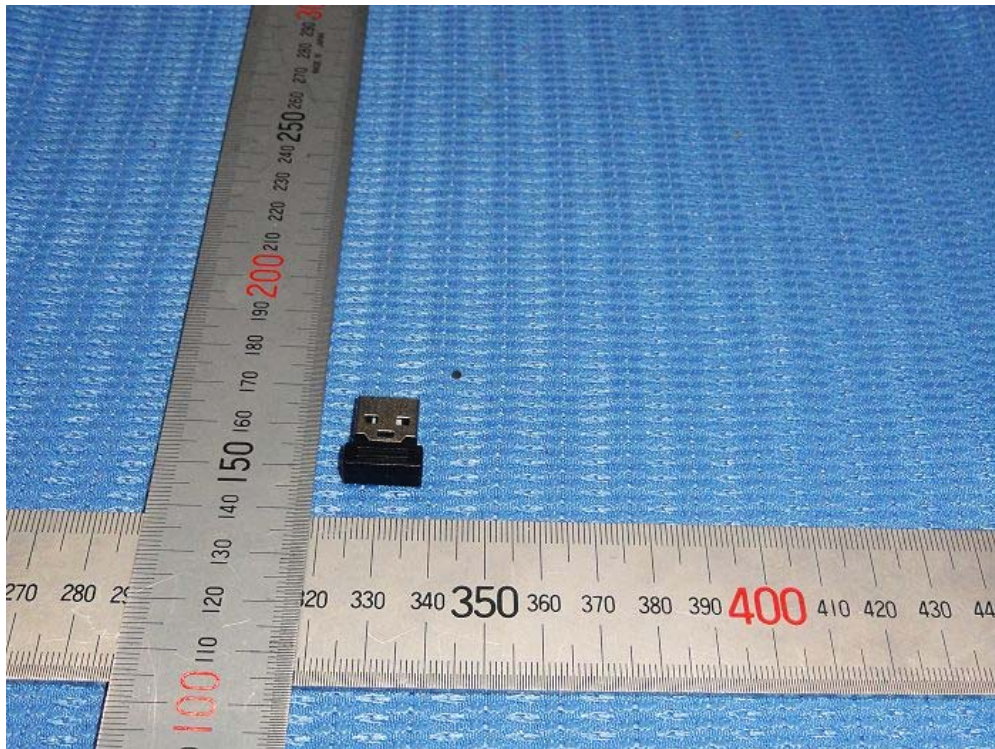
The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer, supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client, enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, the Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

### 11.3 Photo for the EUT

Outside View



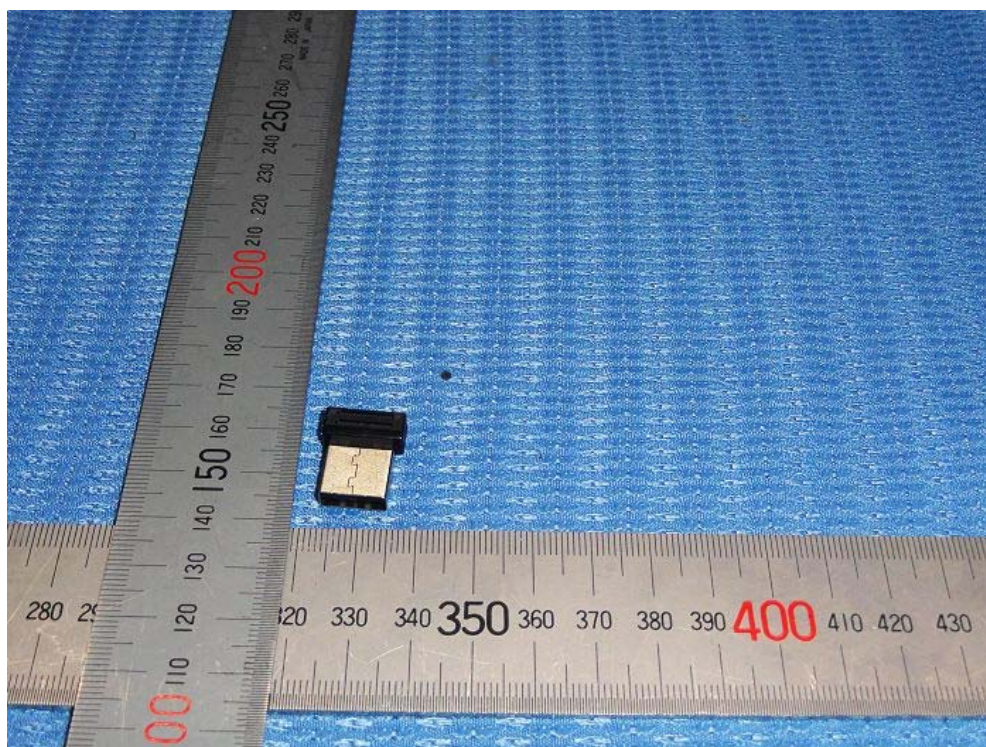
The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer, supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, the Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

Photo for the EUT

Outside View

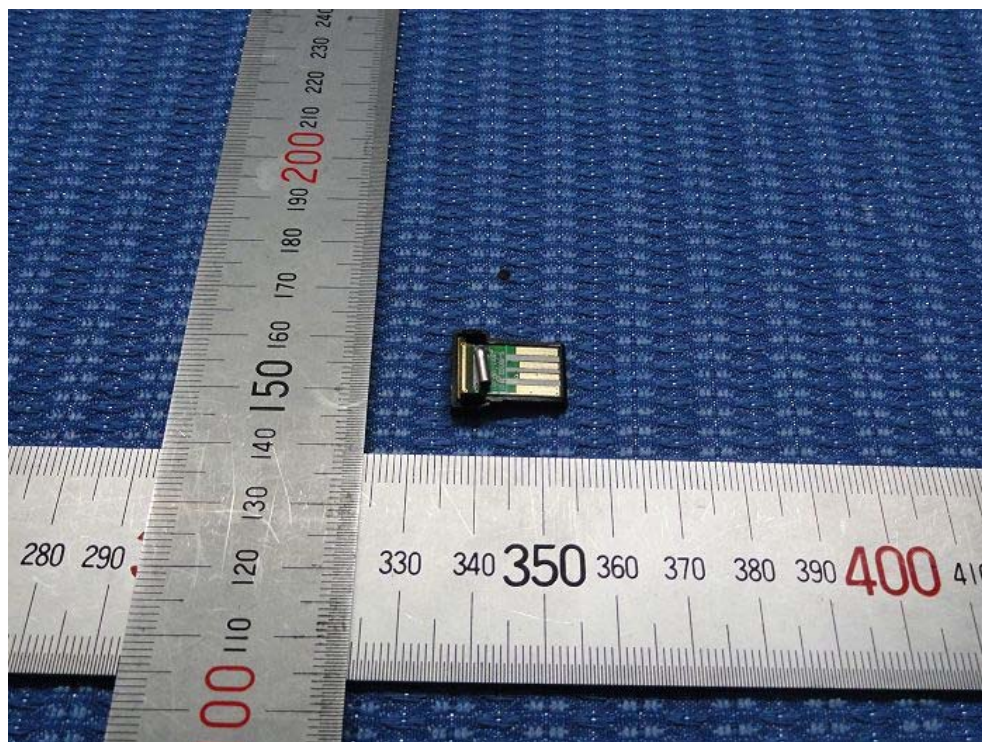


The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer, supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client, enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, the Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

Interior View

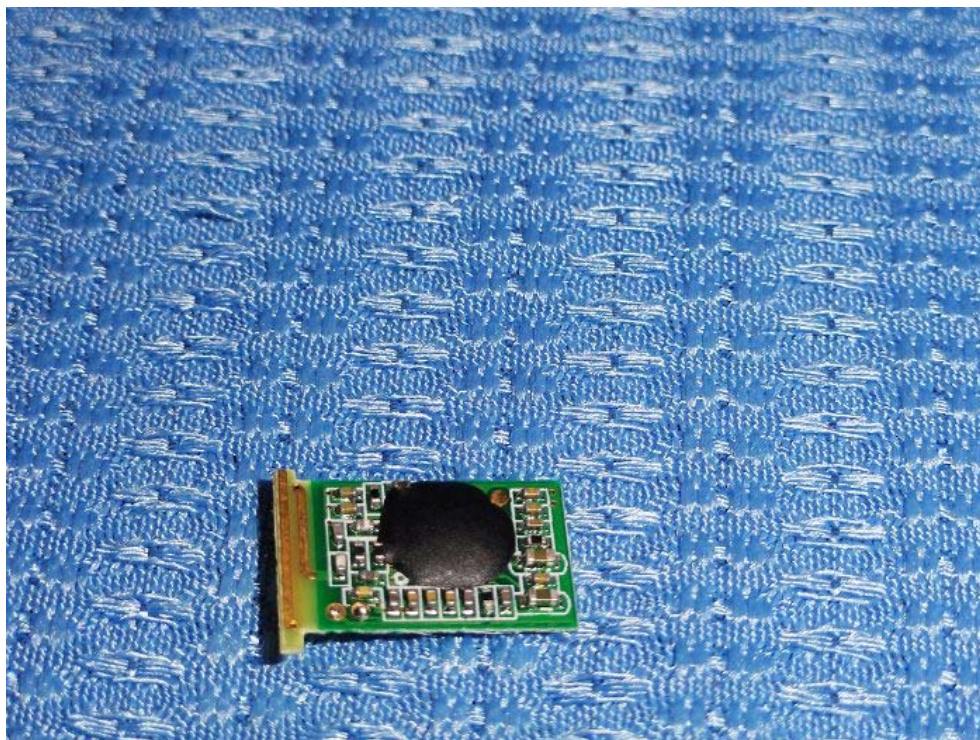
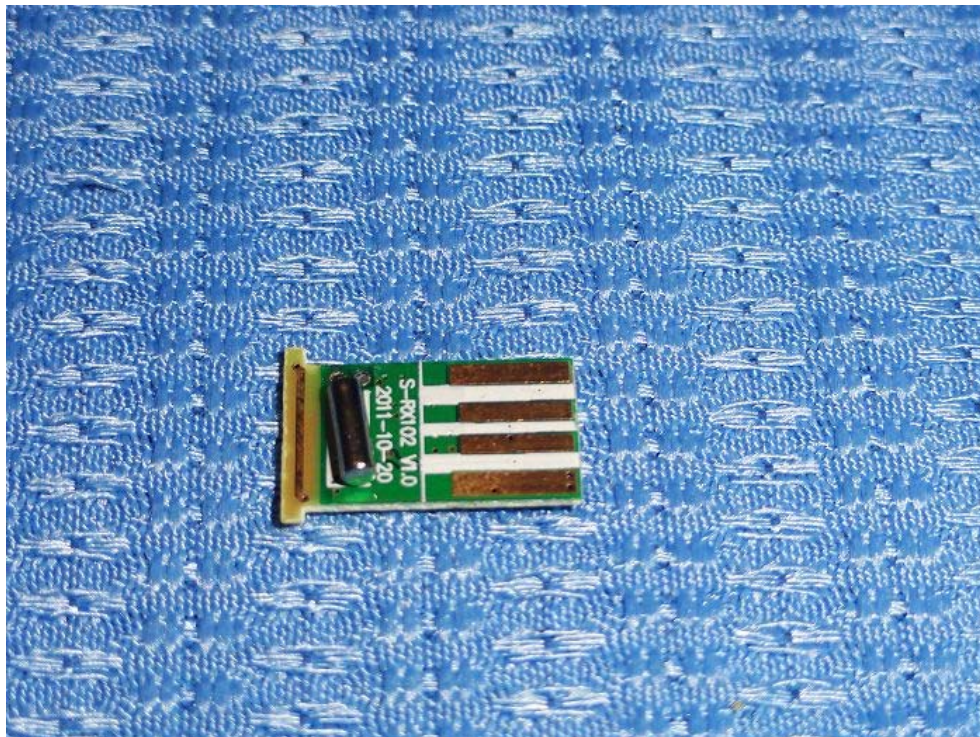


The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer, supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, The Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

Interior View



**--End of the report--**

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen Timeway Technology Consulting Co., Ltd. to his customer, supplier or other persons directly concerned. Shenzhen Timeway Technology Consulting Co., Ltd. will not, without the consent of the client, enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report, the Shenzhen Timeway Technology Consulting Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.