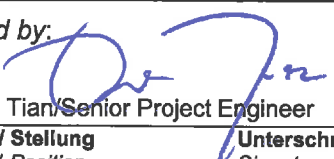


|                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                           |                                                                                    |                                                                                                                    |                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Prüfbericht-Nr.:</b><br>Test Report No.:                                                                                                                                                                                                                                                                                                                                                                                                                | <b>17056242 001</b>                                                                                                                                       | <b>Auftrags-Nr.:</b><br>Order No.:                                                 | <b>164051548</b>                                                                                                   | <b>Seite 1 von 63</b><br>Page 1 of 63                                                 |
| <b>Kunden-Referenz-Nr.:</b><br>Client Reference No.:                                                                                                                                                                                                                                                                                                                                                                                                       | <b>N/A</b>                                                                                                                                                | <b>Auftragsdatum:</b><br>Order date:                                               | <b>10.12.2015</b>                                                                                                  |                                                                                       |
| <b>Auftraggeber:</b><br>Client:                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Dongguan Newmen Electronics Technology Co., LTD</b><br>No.5, Xifa Road, Lin Village, Tangxia Town, Dongguan, Guangdong, China                          |                                                                                    |                                                                                                                    |                                                                                       |
| <b>Prüfgegenstand:</b><br>Test item:                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Dongle</b>                                                                                                                                             |                                                                                    |                                                                                                                    |                                                                                       |
| <b>Bezeichnung / Typ-Nr.:</b><br>Identification / Type No.:                                                                                                                                                                                                                                                                                                                                                                                                | <b>MX-133</b>                                                                                                                                             |                                                                                    |                                                                                                                    |                                                                                       |
| <b>Auftrags-Inhalt:</b><br>Order content:                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>FCC/IC Certification</b>                                                                                                                               |                                                                                    |                                                                                                                    |                                                                                       |
| <b>Prüfgrundlage:</b><br>Test specification:                                                                                                                                                                                                                                                                                                                                                                                                               | CFR47 FCC Part 15: Subpart C Section 15.249<br>CFR47 FCC Part 15: Subpart C Section 15.209<br>RSS-Gen Issue 4 November 2014<br>RSS-102 Issue 5 March 2015 |                                                                                    | CFR47 FCC Part 15: Subpart C Section 15.207<br>RSS-210 Issue 8 December 2010<br>FCC KDB Publication 447498 D01 v06 |                                                                                       |
| <b>Wareneingangsdatum:</b><br>Date of receipt:                                                                                                                                                                                                                                                                                                                                                                                                             | <b>20.12.2015</b>                                                                                                                                         |                                                                                    |                                                                                                                    |                                                                                       |
| <b>Prüfmuster-Nr.:</b><br>Test sample No.:                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>A000293406-003</b>                                                                                                                                     |                                                                                    |                                                                                                                    |                                                                                       |
| <b>Prüfzeitraum:</b><br>Testing period:                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>24.12.2015 - 18.01.2016</b>                                                                                                                            |                                                                                    |                                                                                                                    |                                                                                       |
| <b>Ort der Prüfung:</b><br>Place of testing:                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Accurate Technology Co., Ltd.</b>                                                                                                                      |                                                                                    |                                                                                                                    |                                                                                       |
| <b>Prüflaboratorium:</b><br>Testing laboratory:                                                                                                                                                                                                                                                                                                                                                                                                            | <b>TÜV Rheinland (Shenzhen) Co., Ltd.</b>                                                                                                                 |                                                                                    |                                                                                                                    |                                                                                       |
| <b>Prüfergebnis*:</b><br>Test result*:                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Pass</b>                                                                                                                                               |                                                                                    |                                                                                                                    |                                                                                       |
| <b>geprüft von / tested by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                        |                                                                                    | <b>kontrolliert von / reviewed by:</b>                                                                             |  |
| 05.02.2016 Owen Tian/Senior Project Engineer                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                           |                                                                                    | 05.02.2016 Sam Lin/Technical Certifier                                                                             |                                                                                       |
| <b>Datum</b><br>Date                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Name / Stellung</b><br>Name / Position                                                                                                                 | <b>Unterschrift</b><br>Signature                                                   | <b>Datum</b><br>Date                                                                                               | <b>Name / Stellung</b><br>Name / Position                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                           |                                                                                    |                                                                                                                    | <b>Unterschrift</b><br>Signature                                                      |
| <b>Sonstiges / Other:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                           |                                                                                    |                                                                                                                    |                                                                                       |
| <b>Zustand des Prüfgegenstandes bei Anlieferung:</b><br>Condition of the test item at delivery:                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                           | <b>Prüfmuster vollständig und unbeschädigt</b><br>Test item complete and undamaged |                                                                                                                    |                                                                                       |
| * Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft<br>P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet                                                                                                                                                                                                                                    |                                                                                                                                                           |                                                                                    |                                                                                                                    |                                                                                       |
| Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor<br>P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested                                                                                                                                                                                                                                                     |                                                                                                                                                           |                                                                                    |                                                                                                                    |                                                                                       |
| <b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b><br><i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i> |                                                                                                                                                           |                                                                                    |                                                                                                                    |                                                                                       |

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*Test Report No.*

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## TEST SUMMARY

### **5.1.1 ANTENNA REQUIREMENT**

*RESULT: Pass*

### **5.1.2 20dB BANDWIDTH AND 99% BANDWIDTH**

*RESULT: Pass*

### **5.1.3 FUNDAMENTAL & HARMONICS RADIATED EMISSION**

*RESULT: Pass*

### **5.1.1 RADIATED EMISSIONS OUTSIDE OF THE BAND**

*RESULT: Pass*

### **5.1.2 CONDUCTED EMISSIONS**

*RESULT: Pass*

### **6.1.1 ELECTROMAGNETIC FIELDS**

*RESULT: Pass*

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## 1. General Remarks

### 1.1 Complementary Materials

None.

## 2. Test Sites

### 2.1 Test Facilities

Accurate Technology Co., Ltd.

(FCC Registration No.: 752051)

(Test site Industry Canada No.: 5077A-2)

F1, Bldg. A, Changyuan New Material Port  
Keyuan Rd., Science & Industry Park, Nanshan  
Shenzhen, P.R. China

The tests at the test site have been conducted under the supervision of a TÜV engineer.

## 2.2 List of Test and Measurement Instruments

**Table 1: List of Test and Measurement Equipment**

| Kind of Equipment                      | Manufacturer         | Type              | S/N             | Calibrated until |
|----------------------------------------|----------------------|-------------------|-----------------|------------------|
| <b>Transmitter spurious emissions</b>  |                      |                   |                 |                  |
| Spectrum Analyzer                      | Rohde & Schwarz      | FSV40             | 101495          | 2016-01-09       |
| Test Receiver                          | Rohde & Schwarz      | ESCS30            | 100307          | 2016-01-09       |
| Bilog Antenna                          | Schwarzbeck          | VULB9163          | 9163-323        | 2016-01-14       |
| Loop Antenna                           | Schwarzbeck          | FMZB1516          | 1516131         | 2016-01-14       |
| Horn Antenna                           | Schwarzbeck          | BBHA9120D         | 9120D-655       | 2016-01-14       |
| Horn Antenna                           | Schwarzbeck          | BBHA9170          | 9170-359        | 2016-01-14       |
| RF Switching Unit+PreAMP               | Compliance Direction | RSU-M2            | 38322           | 2016-01-09       |
| Pre-Amplifier                          | Rohde&Schwarz        | CBLU11835 40-01   | 3791            | 2016-01-09       |
| 50 Coaxial Switch                      | Anritsu Corp         | MP59B             | 620050647 4     | 2016-01-09       |
| RF Coaxial Cable                       | SUHNER               | N-3m              | No.8            | 2016-01-09       |
| RF Coaxial Cable                       | RESENBERGER          | N-3.5m            | No.9            | 2016-01-09       |
| RF Coaxial Cable                       | SUHNER               | N-6m              | No.10           | 2016-01-09       |
| RF Coaxial Cable                       | RESENBERGER          | N-12m             | No.11           | 2016-01-09       |
| RF Coaxial Cable                       | RESENBERGER          | N-0.5m            | No.12           | 2016-01-09       |
| <b>Radio Spectrum Test</b>             |                      |                   |                 |                  |
| Spectrum Analyzer                      | Rohde & Schwarz      | FSV40             | 101495          | 2016-01-09       |
| Vector Signal Generator                | Rohde & Schwarz      | SMBV100A          | 260434          | 2016-01-09       |
| Signal Generator                       | Rohde & Schwarz      | SMB100A           | 108362          | 2016-01-09       |
| Open Switch and Control Unit           | Rohde & Schwarz      | OSP120 + OSP-B157 | 101244 + 100866 | 2016-01-09       |
| <b>Conducted Emission</b>              |                      |                   |                 |                  |
| Test Receiver                          | Rohde & Schwarz      | ESCS30            | 100307          | 2016-01-09       |
| L.I.S.N.                               | Schwarzbeck          | NLSK8126          | 8126431         | 2016-01-09       |
| Pulse Limiter                          | Rohde & Schwarz      | ESH3-Z2           | 100815          | 2016-01-09       |
| 50Ω Coaxial Switch                     | Anritsu Corp         | MP59B             | 6200283933      | 2016-01-09       |
| Voltage Probe                          | Schwarzbeck          | TK9416            | N/A             | 2016-01-09       |
| RF Current Probe                       | Rohde & Schwarz      | EZ-17             | 100048          | 2016-01-09       |
| 8-Wire Impedance Stabilisation Network | Schwarzbeck          | CAT5 8158         | 8158-0035       | 2016-01-09       |
| RF Coaxial Cable                       | Suhner               | N-2m              | No.2            | 2016-01-09       |
| RF Coaxial Cable                       | Suhner               | N-2m              | No.3            | 2016-01-09       |
| RF Coaxial Cable                       | Suhner               | N-2m              | No.14           | 2016-01-09       |

## 2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

## 2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

## 2.5 Measurement Uncertainty

**Table 2: Measurement Uncertainty**

| Parameter                                              | Uncertainty     |
|--------------------------------------------------------|-----------------|
| Radio Spectrum                                         | $< \pm 0.60$ dB |
| Radiated emission of transmitter, valid up to 26.5 GHz | $< \pm 4.42$ dB |
| Conducted Emission                                     | $< \pm 2.23$ dB |
| Radiated Emission                                      | $< \pm 4.42$ dB |

## 2.6 Location of Original Data

The original copies of all test data taken during actual testing were retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

## 2.7 Status of Facility Used for Testing

Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan, Shenzhen, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

### 3. General Product Information

#### 3.1 Product Function and Intended Use

The EUT is a USB dongle used with a 2.4GHz wireless presenter. It operates at 2.4GHz ISM frequency band.  
For details refer to the User Manual and Circuit Diagram.

#### 3.2 Ratings and System Details

**Table 3: Technical Specification of EUT**

| Technical Specification   | Value                |
|---------------------------|----------------------|
| Kind of Equipment         | Dongle               |
| Type Designation          | MX-133               |
| FCC ID                    | V4P-MX133            |
| IC                        | 12487A-MX133         |
| Operating Frequency       | 2402 – 2476MHz       |
| Channel separation        | 1MHz                 |
| Number of Channel         | 75                   |
| Extreme Temperature Range | -15~+40°C            |
| Operation Voltage         | DC 5V (via USB port) |
| Modulation                | GFSK                 |
| Antenna Gain              | -2dBi                |

#### 3.3 Independent Operation Modes

The basic operation modes are:

- A. On
  - 1. Transmitting
  - 2. Receiving
- B. Off

#### 3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

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### **3.5 Submitted Documents**

- Bill of Material
- PCB Layout
- Photo Document
- Circuit Diagram
- Instruction Manual
- Rating Label

## 4. Test Set-up and Operation Modes

### 4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

### 4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.10: 2013.

### 4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

| Description | Manufacturer | Part No.         | S/N        |
|-------------|--------------|------------------|------------|
| Notebook    | Lenovo       | X240             | N/A        |
| Printer     | HP           | HP laserjet 1015 | CNFG030424 |

### 4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

## 4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test for below 1GHz

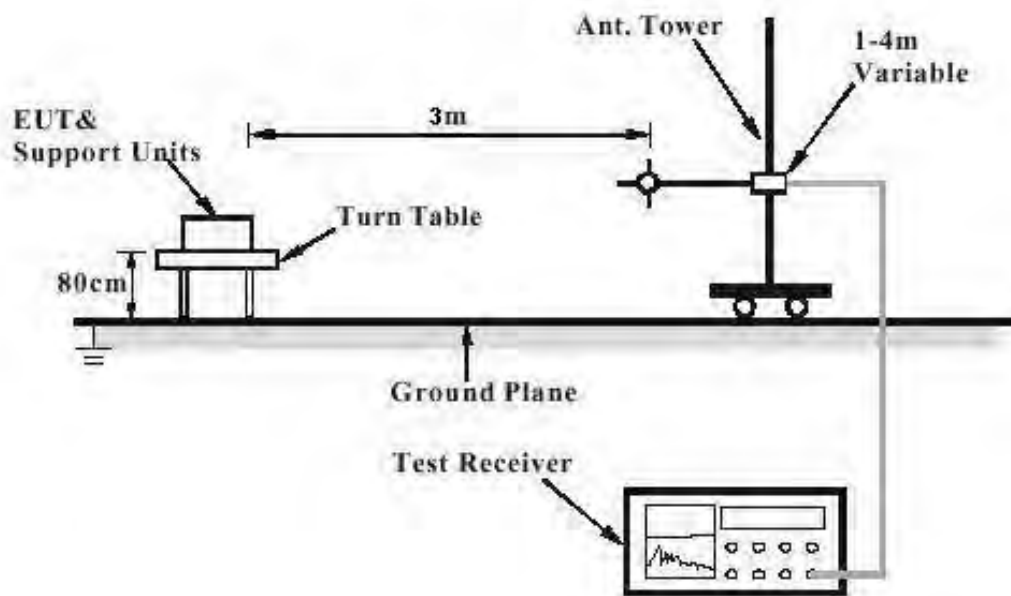
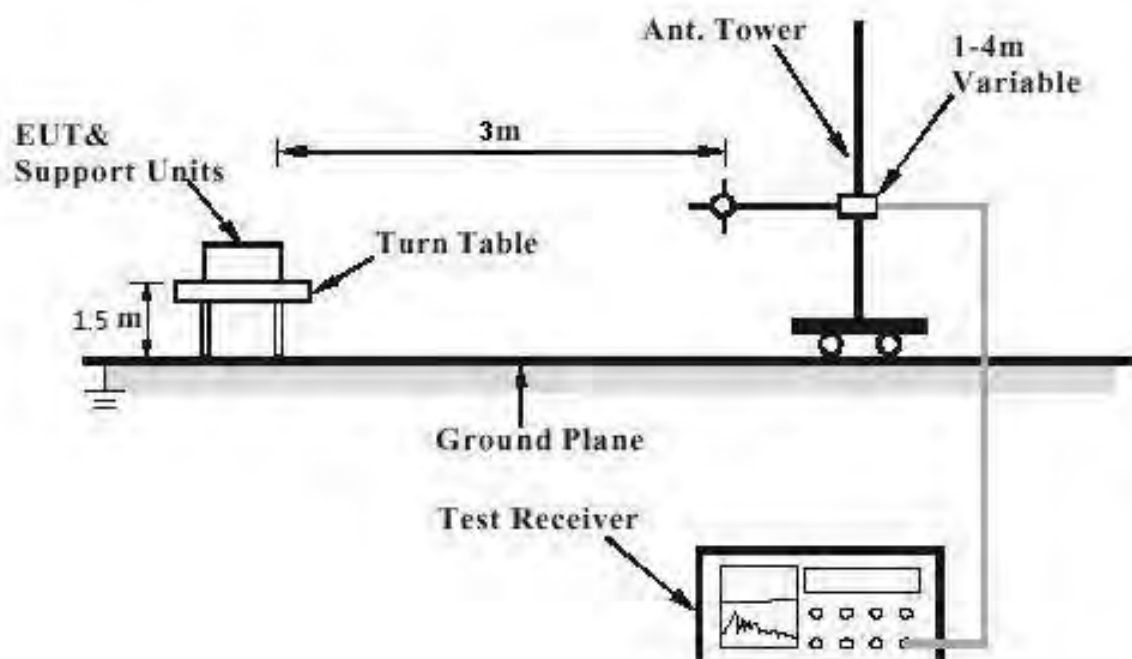
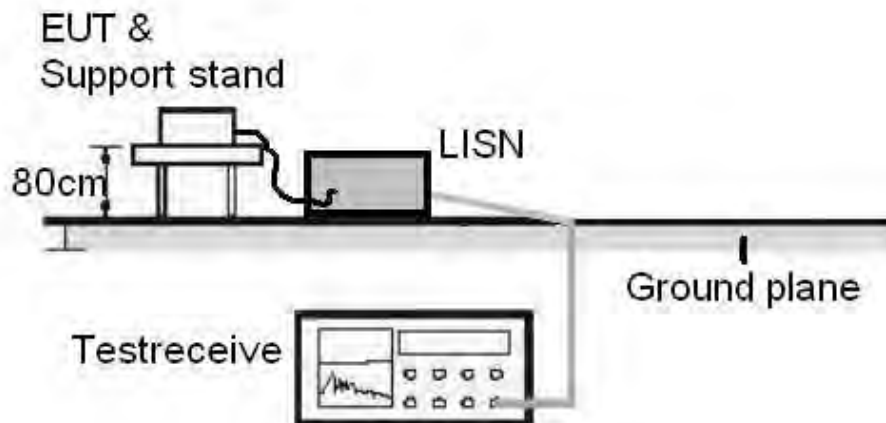


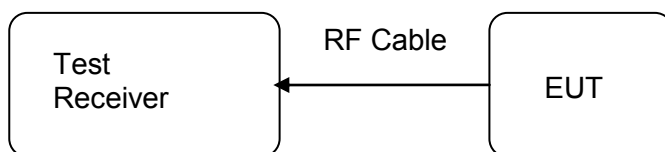
Diagram of Measurement Configuration for Radiation Test for above 1GHz



### Diagram of Measurement Equipment Configuration for Conduction Measurement



### Diagram of Measurement Equipment Configuration for Transmitter Measurement



## 5. Test Results

### 5.1 Transmitter Requirement & Test Suites

#### 5.1.1 Antenna Requirement

**RESULT:****Pass**

|               |   |                                                                       |
|---------------|---|-----------------------------------------------------------------------|
| Test standard | : | Part 15.203<br>RSS-Gen 8.3                                            |
| Limit         | : | the use of antennas with directional gains that do<br>not exceed 6dBi |

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is -2dBi, therefore the EUT is considered sufficient to comply with the provision.

**5.1.2 20dB Bandwidth and 99% Bandwidth****RESULT:****Pass**

Date of testing : 2016-01-18  
Test standard : FCC Part 15.249  
RSS-210 A8.1(a)  
Basic standard : ANSI C63.10: 2013  
Kind of test site : Shielded room

**Test setup**

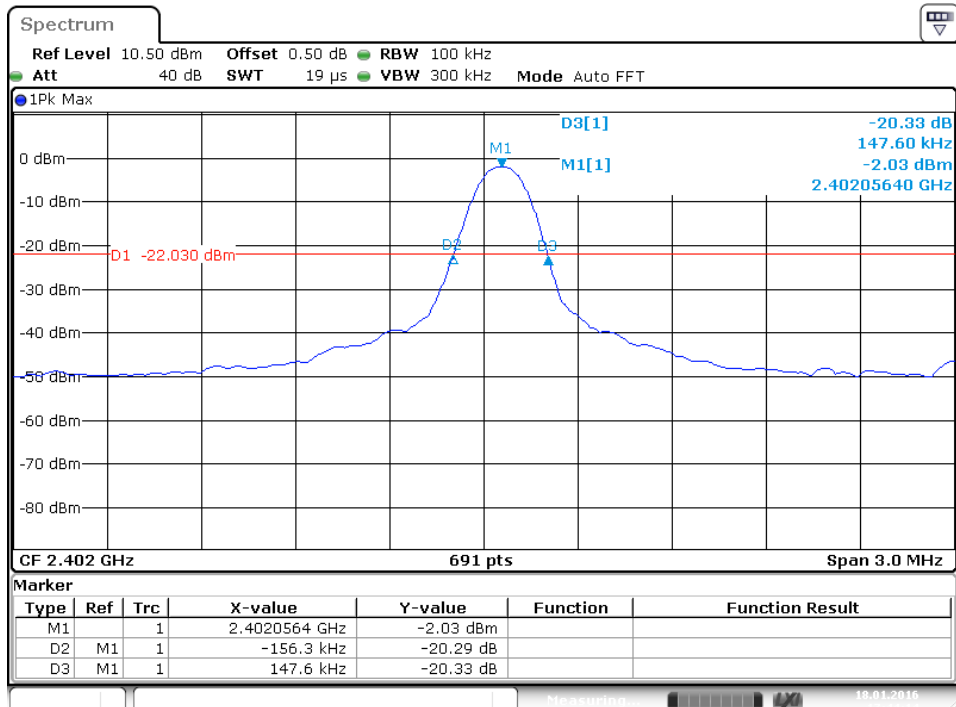
Test Channel : Low/ Middle/ High  
Operation Mode : A.1  
Ambient temperature : 21°C  
Relative humidity : 60%  
Atmospheric pressure : 101kPa

**Table 4: Test result of 20dB & 99% Bandwidth**

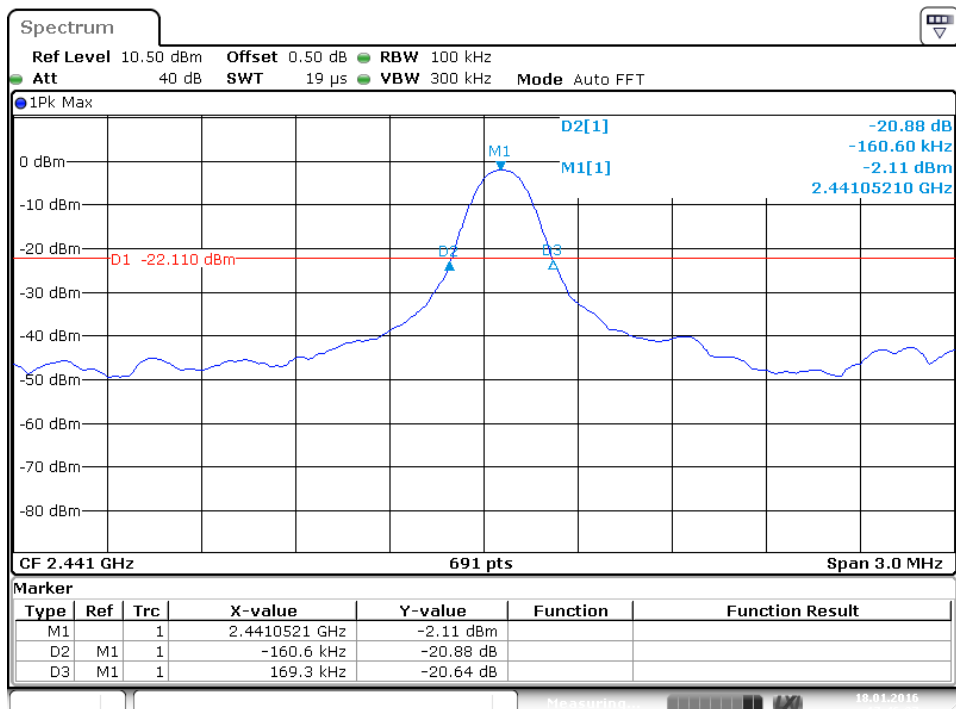
| Channel      | Channel<br>Frequency (MHz) | 20dB Bandwidth<br>(MHz) | 99% Bandwidth<br>(MHz) |
|--------------|----------------------------|-------------------------|------------------------|
| Low Channel  | 2402                       | 303.9                   | 251.8                  |
| Mid Channel  | 2441                       | 329.9                   | 272.1                  |
| High Channel | 2476                       | 329.9                   | 276.4                  |

For details refer to following test plot.

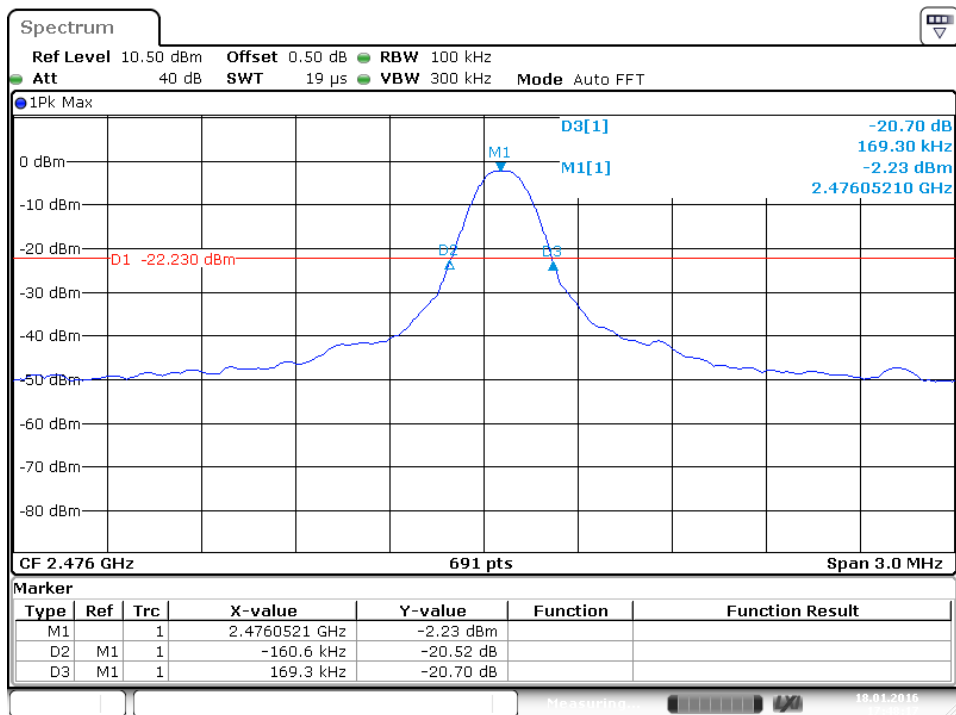
## Test Plot of 20dB Bandwidth



Date: 18.JAN.2016 17:44:15

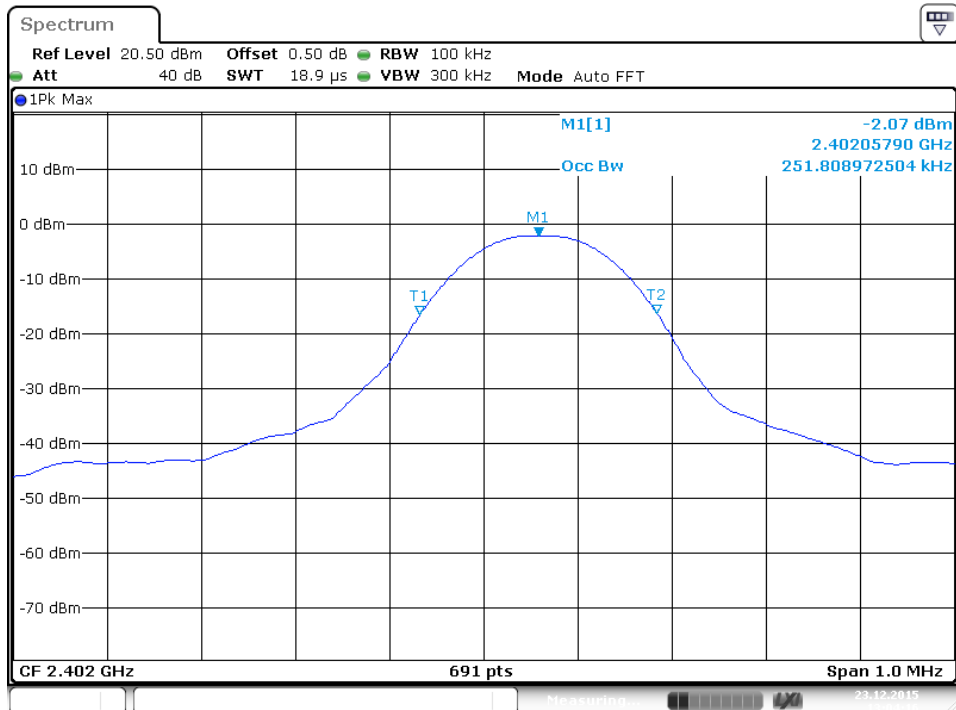


Date: 18.JAN.2016 17:46:28

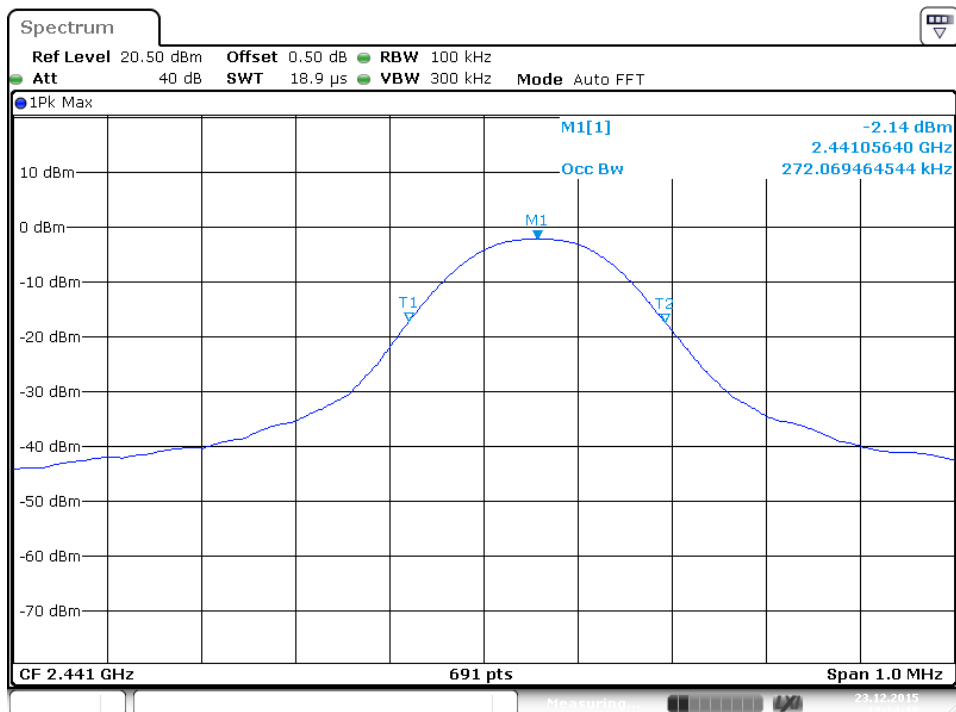


Date: 18.JAN.2016 17:48:18

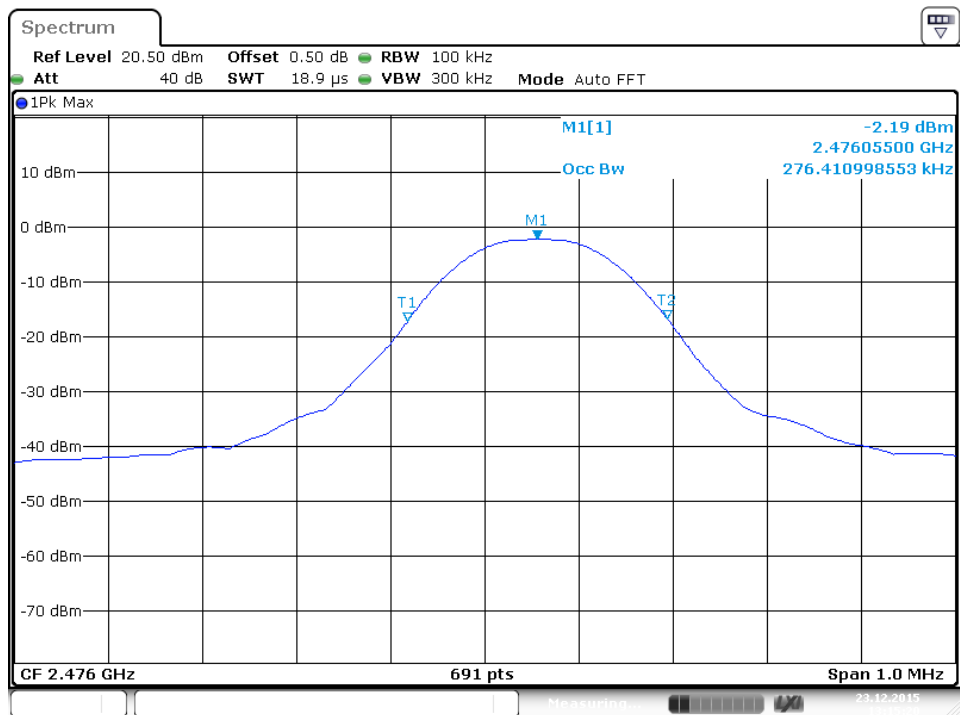
## Test Plot of 99% Bandwidth



Date: 23.DEC.2015 13:04:15



Date: 23.DEC.2015 13:14:19



Date: 23.DEC.2015 13:15:20




**ACCURATE TECHNOLOGY CO., LTD.**

 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LGW2015 #2228

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 2402MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Horizontal

Power Source: DC 5V

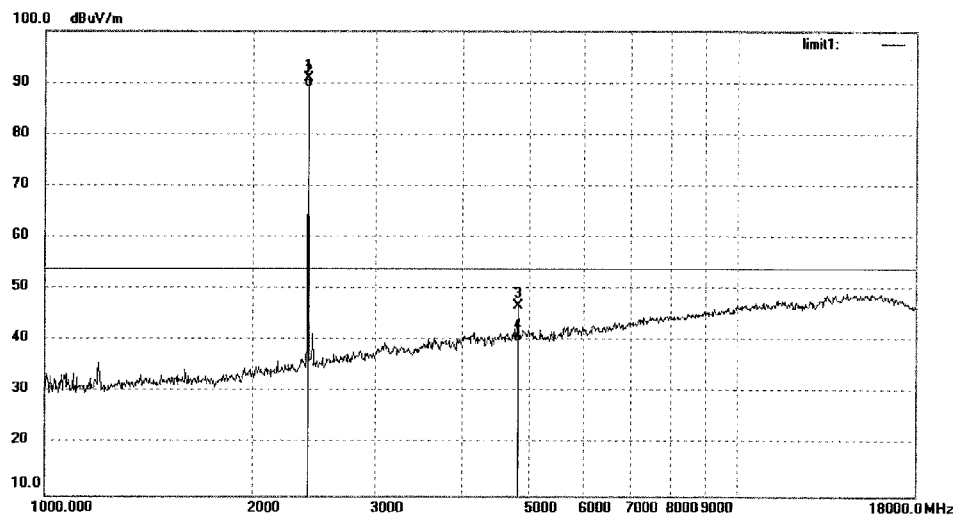
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 2402.000       | 98.33               | -7.45          | 90.88              | 114.00            | -23.12         | peak     |                |                  |        |
| 2   | 2402.000       | 96.52               | -7.45          | 89.07              | 94.00             | -4.93          | AVG      |                |                  |        |
| 3   | 4804.031       | 47.10               | -0.30          | 46.80              | 74.00             | -27.20         | peak     |                |                  |        |
| 4   | 4804.031       | 40.22               | -0.30          | 39.92              | 54.00             | -14.08         | AVG      |                |                  |        |


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LGW2015 #2229

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 2402MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Vertical

Power Source: DC 5V

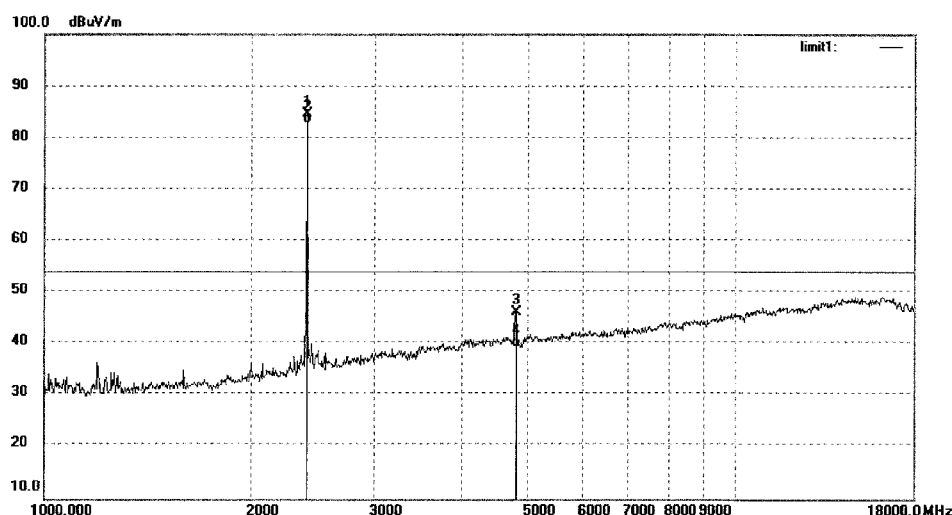
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 2402.000       | 92.10               | -7.45          | 84.65              | 114.00            | -29.35         | peak     |                |                  |        |
| 2   | 2402.000       | 90.23               | -7.45          | 82.78              | 94.00             | -11.22         | AVG      |                |                  |        |
| 3   | 4804.026       | 46.49               | -0.30          | 46.19              | 74.00             | -27.81         | peak     |                |                  |        |
| 4   | 4804.026       | 39.56               | -0.30          | 39.26              | 54.00             | -14.74         | AVG      |                |                  |        |


**ACCURATE TECHNOLOGY CO., LTD.**

 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LGW2015 #2232

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 2441MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Horizontal

Power Source: DC 5V

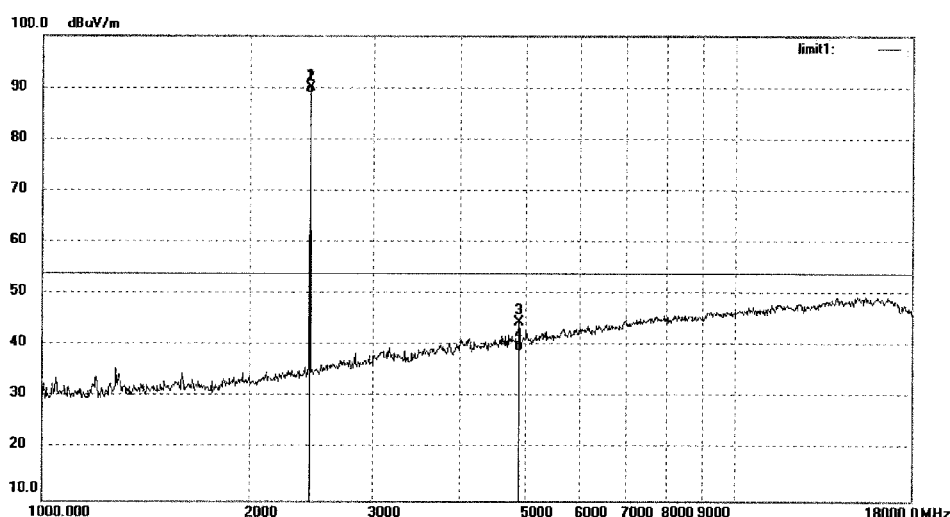
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 2441.000       | 97.27               | -7.35          | 89.92              | 114.00            | -24.08         | peak     |                |                  |        |
| 2   | 2441.000       | 96.25               | -7.35          | 88.90              | 94.00             | -5.10          | AVG      |                |                  |        |
| 3   | 4882.024       | 44.45               | 0.14           | 44.59              | 74.00             | -29.41         | peak     |                |                  |        |
| 4   | 4882.024       | 38.67               | 0.14           | 38.81              | 54.00             | -15.19         | AVG      |                |                  |        |


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LGW2015 #2233

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 2441MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Vertical

Power Source: DC 5V

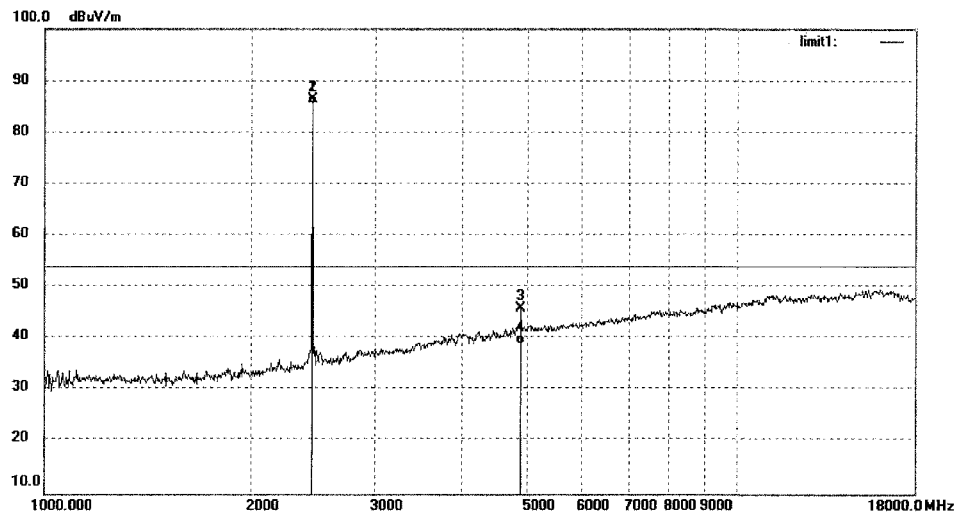
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 2441.000       | 93.66               | -7.35          | 86.31              | 114.00            | -27.69         | peak     |                |                  |        |
| 2   | 2441.000       | 92.75               | -7.35          | 85.40              | 94.00             | -8.60          | AVG      |                |                  |        |
| 3   | 4882.028       | 45.69               | 0.14           | 45.83              | 74.00             | -28.17         | peak     |                |                  |        |
| 4   | 4882.028       | 38.86               | 0.14           | 39.00              | 54.00             | -15.00         | AVG      |                |                  |        |


**ACCURATE TECHNOLOGY CO., LTD.**

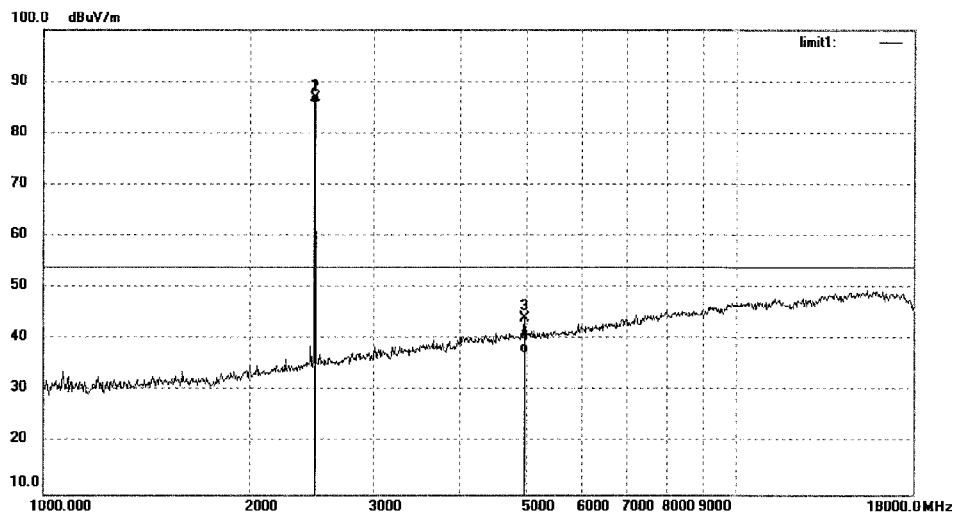
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #2231  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Dongle  
Mode: TX 2476MHz  
Model: MX-133  
Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Horizontal  
Power Source: DC 5V  
Date: 15/12/24/  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 2476.000       | 94.30               | -7.36          | 86.94              | 114.00            | -27.06         | peak     |                |                  |        |
| 2   | 2476.000       | 93.15               | -7.36          | 85.79              | 94.00             | -8.21          | AVG      |                |                  |        |
| 3   | 4952.029       | 43.64               | 0.48           | 44.12              | 74.00             | -29.88         | peak     |                |                  |        |
| 4   | 4952.029       | 36.78               | 0.48           | 37.26              | 54.00             | -16.74         | AVG      |                |                  |        |


**ACCURATE TECHNOLOGY CO., LTD.**

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LGW2015 #2230

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 2476MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Vertical

Power Source: DC 5V

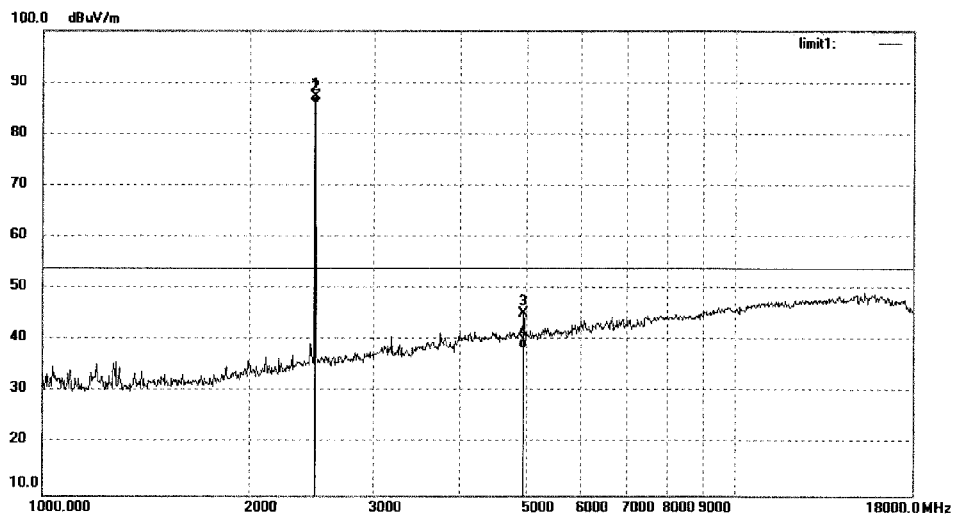
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 2476.000       | 94.54               | -7.36          | 87.18              | 114.00            | -26.82         | peak     |                |                  |        |
| 2   | 2476.000       | 93.23               | -7.36          | 85.87              | 94.00             | -8.13          | AVG      |                |                  |        |
| 3   | 4952.023       | 44.72               | 0.48           | 45.20              | 74.00             | -28.80         | peak     |                |                  |        |
| 4   | 4952.023       | 37.89               | 0.48           | 38.37              | 54.00             | -15.63         | AVG      |                |                  |        |

**5.1.1 Radiated emissions outside of the band****RESULT:****Pass**

|                   |   |                                                                    |
|-------------------|---|--------------------------------------------------------------------|
| Date of testing   | : | 2015-12-24                                                         |
| Test standard     | : | FCC Part 15.209(a)<br>FCC Part 15.249(d)<br>RSS-210 Clause A2.9(b) |
| Basic standard    | : | ANSI C63.10: 2013                                                  |
| Frequency range   | : | 0.009 – 26500MHz*                                                  |
| Limits            | : | FCC Part 15.209(a)<br>FCC Part 15.249(d)                           |
| Kind of test site | : | 3m Semi-Anechoic Chamber & Anechoic Chamber                        |

**Test Setup**

|                      |   |                   |
|----------------------|---|-------------------|
| Test channel         | : | Low/ Middle/ High |
| Operation mode       | : | A.1               |
| Ambient temperature  | : | 23°C              |
| Relative humidity    | : | 48%               |
| Atmospheric pressure | : | 101kPa            |

For details refer to following test plot.

## Test Plot of Radiated emissions outside band

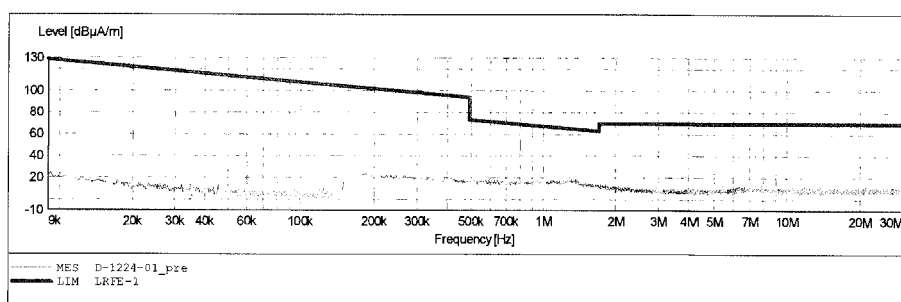
**ACCURATE TECHNOLOGY CO.,LTD**

**FCC Class B 3m Radiated**

EUT: Dongle M/N:MX-133  
 Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD  
 Operating Condition: TX 2402MHz  
 Test Site: 2# Chamber  
 Operator: LGWADE  
 Test Specification: DC 5V  
 Comment: X  
 Start of Test: 2015-12-24 /

**SCAN TABLE: "LFRE Fin"**

| Short Description: |           |          | SUB STD VTERM2 1.70 |            |           |            |
|--------------------|-----------|----------|---------------------|------------|-----------|------------|
| Start              | Stop      | Step     | Detector            | Meas. Time | IF Bandw. | Transducer |
| 9.0 kHz            | 150.0 kHz | 100.0 Hz | QuasiPeak           | 1.0 s      | 200 Hz    | 1516M      |
| 150.0 kHz          | 30.0 MHz  | 5.0 kHz  | QuasiPeak           | 1.0 s      | 9 kHz     | 1516M      |



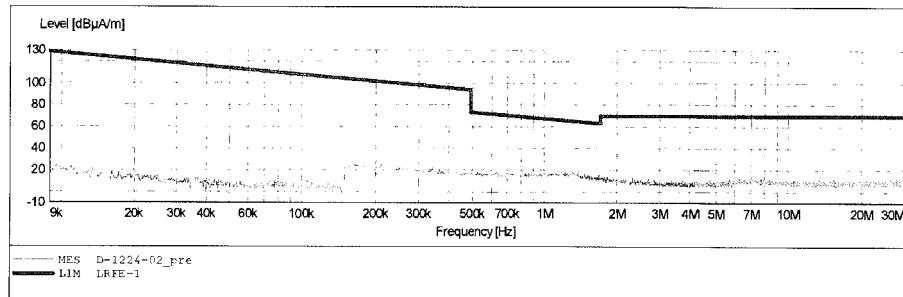
**ACCURATE TECHNOLOGY CO.,LTD**
**FCC Class B 3m Radiated**

EUT: Dongle M/N:MX-133  
 Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD  
 Operating Condition: TX 2402MHz  
 Test Site: 2# Chamber  
 Operator: LGWADE  
 Test Specification: DC 5V  
 Comment: Y  
 Start of Test: 2015-12-24 /

**SCAN TABLE: "LFRE Fin"**

Short Description: \_SUB STD VTERM2 1.70  

| Start     | Stop      | Step     | Detector  | Meas. | IF     | Transducer |
|-----------|-----------|----------|-----------|-------|--------|------------|
| Frequency | Frequency | Width    |           | Time  | Bandw. |            |
| 9.0 kHz   | 150.0 kHz | 100.0 Hz | QuasiPeak | 1.0 s | 200 Hz | 1516M      |
| 150.0 kHz | 30.0 MHz  | 5.0 kHz  | QuasiPeak | 1.0 s | 9 kHz  | 1516M      |

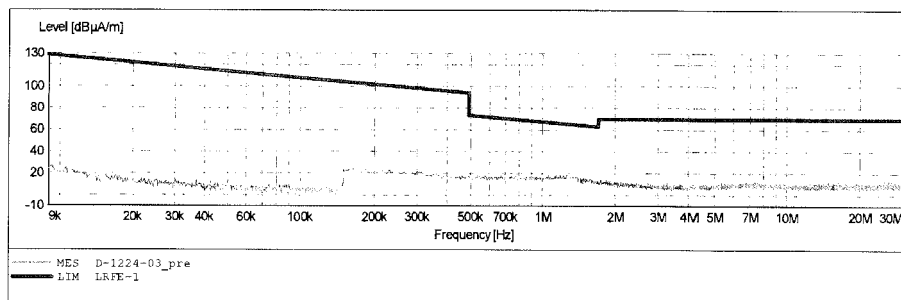


**ACCURATE TECHNOLOGY CO.,LTD**
**FCC Class B 3m Radiated**

EUT: Dongle M/N:MX-133  
 Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD  
 Operating Condition: TX 2402MHz  
 Test Site: 2# Chamber  
 Operator: LGWADE  
 Test Specification: DC 5V  
 Comment: Z  
 Start of Test: 2015-12-24 /

**SCAN TABLE: "LFRE Fin"**

| Start     | Stop      | Step     | Detector  | Meas. Time | IF Bandw. | Transducer |
|-----------|-----------|----------|-----------|------------|-----------|------------|
| 9.0 kHz   | 150.0 kHz | 100.0 Hz | QuasiPeak | 1.0 s      | 200 Hz    | 1516M      |
| 150.0 kHz | 30.0 MHz  | 5.0 kHz  | QuasiPeak | 1.0 s      | 9 kHz     | 1516M      |



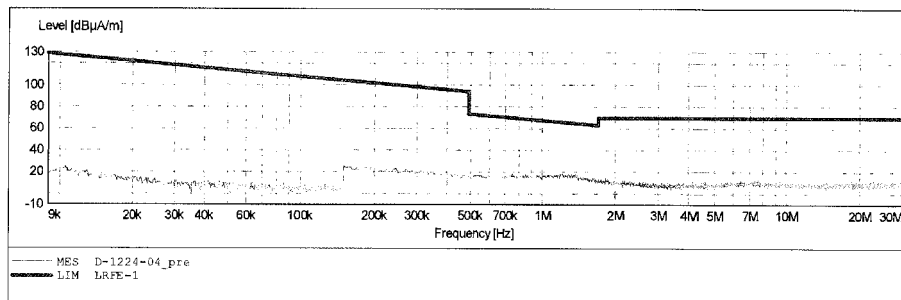
**ACCURATE TECHNOLOGY CO.,LTD**

**FCC Class B 3m Radiated**

EUT: Dongle M/N:MX-133  
 Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD  
 Operating Condition: TX 2441MHz  
 Test Site: 2# Chamber  
 Operator: LGWADE  
 Test Specification: DC 5V  
 Comment: X  
 Start of Test: 2015-12-24 /

**SCAN TABLE: "LFRE Fin"**

| Short Description: |           |          | _SUB_STD_VTERM2 1.70 |            |           |            |
|--------------------|-----------|----------|----------------------|------------|-----------|------------|
| Start              | Stop      | Step     | Detector             | Meas. Time | IF Bandw. | Transducer |
| 9.0 kHz            | 150.0 kHz | 100.0 Hz | QuasiPeak            | 1.0 s      | 200 Hz    | 1516M      |
| 150.0 kHz          | 30.0 MHz  | 5.0 kHz  | QuasiPeak            | 1.0 s      | 9 kHz     | 1516M      |

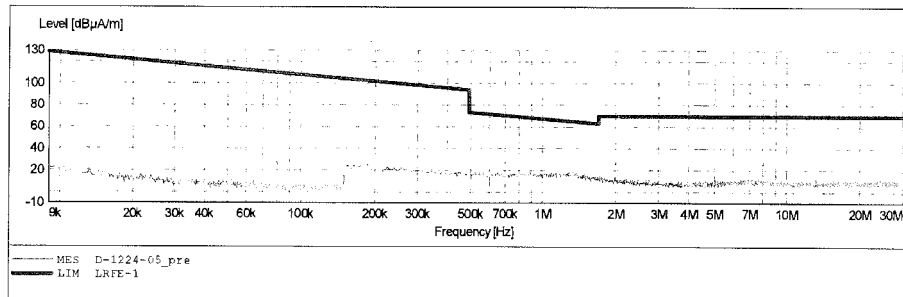


**ACCURATE TECHNOLOGY CO.,LTD**
**FCC Class B 3m Radiated**

EUT: Dongle M/N:MX-133  
 Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD  
 Operating Condition: TX 2441MHz  
 Test Site: 2# Chamber  
 Operator: LGWADE  
 Test Specification: DC 5V  
 Comment: Y  
 Start of Test: 2015-12-24 /

**SCAN TABLE: "LFRE Fin"**

| Short Description: _SUB_STD_VTERM2 1.70 |                |            | Detector  | Meas. Time | IF Bandw. | Transducer |
|-----------------------------------------|----------------|------------|-----------|------------|-----------|------------|
| Start Frequency                         | Stop Frequency | Step Width |           |            |           |            |
| 9.0 kHz                                 | 150.0 kHz      | 100.0 Hz   | QuasiPeak | 1.0 s      | 200 Hz    | 1516M      |
| 150.0 kHz                               | 30.0 MHz       | 5.0 kHz    | QuasiPeak | 1.0 s      | 9 kHz     | 1516M      |



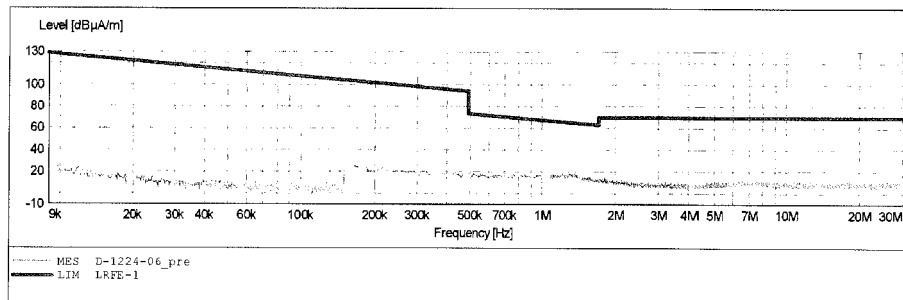
**ACCURATE TECHNOLOGY CO.,LTD**
**FCC Class B 3m Radiated**

EUT: Dongle M/N:MX-133  
 Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD  
 Operating Condition: TX 2441MHz  
 Test Site: 2# Chamber  
 Operator: LGWADE  
 Test Specification: DC 5V  
 Comment: Z  
 Start of Test: 2015-12-24 /

**SCAN TABLE: "LFRE Fin"**

Short Description: \_SUB\_STD VTERM2 1.70  

| Start     | Stop      | Step     | Detector  | Meas. | IF     | Transducer |
|-----------|-----------|----------|-----------|-------|--------|------------|
| Frequency | Frequency | Width    |           | Time  | Bandw. |            |
| 9.0 kHz   | 150.0 kHz | 100.0 Hz | QuasiPeak | 1.0 s | 200 Hz | 1516M      |
| 150.0 kHz | 30.0 MHz  | 5.0 kHz  | QuasiPeak | 1.0 s | 9 kHz  | 1516M      |

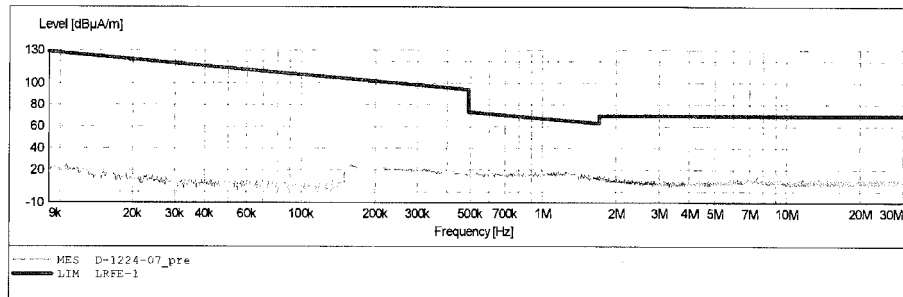


**ACCURATE TECHNOLOGY CO.,LTD**
**FCC Class B 3m Radiated**

EUT: Dongle M/N:MX-133  
 Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD  
 Operating Condition: TX 2476MHz  
 Test Site: 2# Chamber  
 Operator: LGWADE  
 Test Specification: DC 5V  
 Comment: X  
 Start of Test: 2015-12-24 /

**SCAN TABLE: "LFRE Fin"**

| Short Description: _SUB_STD_VTERM2 1.70 |                |            | Detector  | Meas. Time | IF Bandw. | Transducer |
|-----------------------------------------|----------------|------------|-----------|------------|-----------|------------|
| Start Frequency                         | Stop Frequency | Step Width |           |            |           |            |
| 9.0 kHz                                 | 150.0 kHz      | 100.0 Hz   | QuasiPeak | 1.0 s      | 200 Hz    | 1516M      |
| 150.0 kHz                               | 30.0 MHz       | 5.0 kHz    | QuasiPeak | 1.0 s      | 9 kHz     | 1516M      |

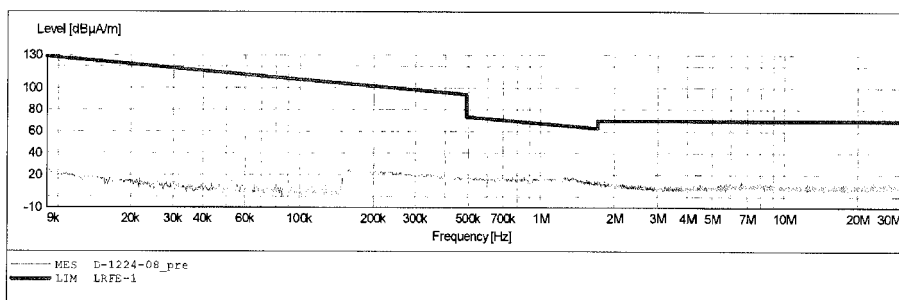


**ACCURATE TECHNOLOGY CO.,LTD**
**FCC Class B 3m Radiated**

EUT: Dongle M/N:MX-133  
 Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD  
 Operating Condition: TX 2476MHz  
 Test Site: 2# Chamber  
 Operator: LGWADE  
 Test Specification: DC 5V  
 Comment: Y  
 Start of Test: 2015-12-24 /

**SCAN TABLE: "LFRE Fin"**

| Short Description: |           |          | SUB_STD VTERM2 1.70 |            |           |            |
|--------------------|-----------|----------|---------------------|------------|-----------|------------|
| Start              | Stop      | Step     | Detector            | Meas. Time | IF Bandw. | Transducer |
| 9.0 kHz            | 150.0 kHz | 100.0 Hz | QuasiPeak           | 1.0 s      | 200 Hz    | 1516M      |
| 150.0 kHz          | 30.0 MHz  | 5.0 kHz  | QuasiPeak           | 1.0 s      | 9 kHz     | 1516M      |



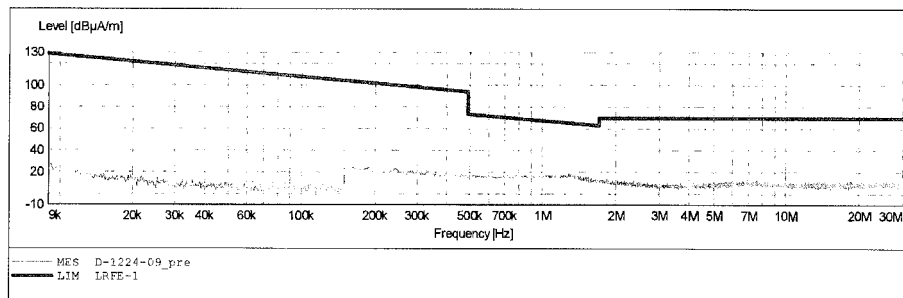
**ACCURATE TECHNOLOGY CO.,LTD**
**FCC Class B 3m Radiated**

EUT: Dongle M/N:MX-133  
 Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD  
 Operating Condition: TX 2476MHz  
 Test Site: 2# Chamber  
 Operator: LGWADE  
 Test Specification: DC 5V  
 Comment: Z  
 Start of Test: 2015-12-24 /

**SCAN TABLE: "LFRE Fin"**

Short Description: \_SUB STD VTERM2 1.70  

| Start     | Stop      | Step     | Detector  | Meas. Time | IF Bandw. | Transducer |
|-----------|-----------|----------|-----------|------------|-----------|------------|
| 9.0 kHz   | 150.0 kHz | 100.0 Hz | QuasiPeak | 1.0 s      | 200 Hz    | 1516M      |
| 150.0 kHz | 30.0 MHz  | 5.0 kHz  | QuasiPeak | 1.0 s      | 9 kHz     | 1516M      |




**ACCURATE TECHNOLOGY CO., LTD.**

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LGW2015 #2222

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 2402MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Horizontal

Power Source: DC 5V

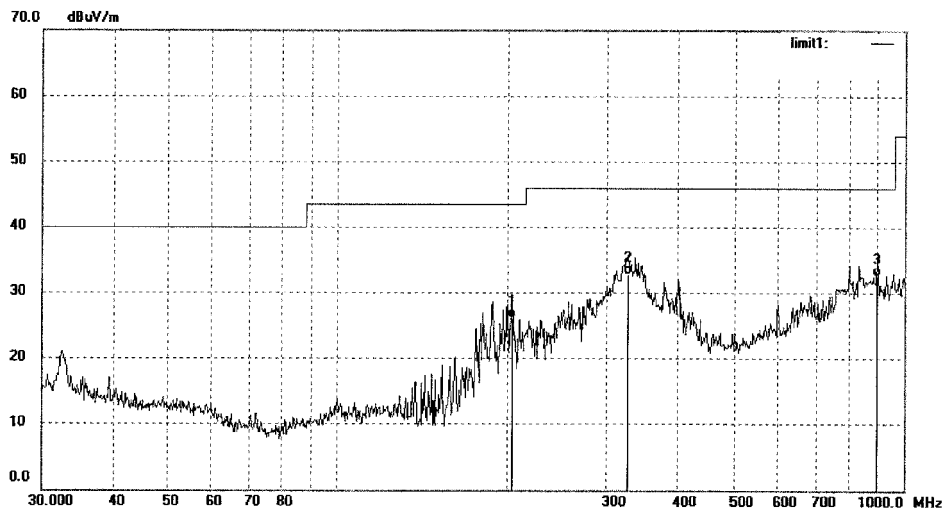
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



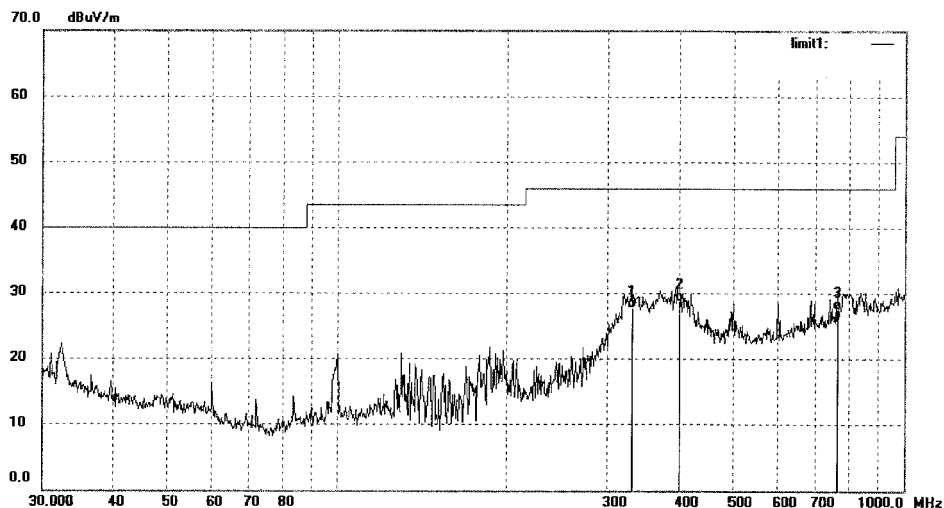
| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 204.2375       | 38.21               | -12.13         | 26.08              | 43.50             | -17.42         | QP       |                |                  |        |
| 2   | 325.5957       | 41.28               | -8.51          | 32.77              | 46.00             | -13.23         | QP       |                |                  |        |
| 3   | 896.9963       | 31.32               | 1.27           | 32.59              | 46.00             | -13.41         | QP       |                |                  |        |


**ACCURATE TECHNOLOGY CO., LTD.**  
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 Site: 2# Chamber  
 Tel:+86-0755-26503290  
 Fax:+86-0755-26503396

|                                                              |                         |
|--------------------------------------------------------------|-------------------------|
| Job No.: LGW2015 #2223                                       | Polarization: Vertical  |
| Standard: FCC Class B 3M Radiated                            | Power Source: DC 5V     |
| Test item: Radiation Test                                    | Date: 15/12/24/         |
| Temp.( C)/Hum.(%) 23 C / 48 %                                | Time:                   |
| EUT: Dongle                                                  | Engineer Signature: PEI |
| Mode: TX 2402MHz                                             | Distance: 3m            |
| Model: MX-133                                                |                         |
| Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD |                         |

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 331.3546       | 36.08               | -8.32          | 27.76              | 46.00             | -18.24         | QP       |                |                  |        |
| 2   | 400.4318       | 35.53               | -6.81          | 28.72              | 46.00             | -17.28         | QP       |                |                  |        |
| 3   | 763.3757       | 28.39               | -0.81          | 27.58              | 46.00             | -18.42         | QP       |                |                  |        |


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LGW2015 #2225

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 2441MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Horizontal

Power Source: DC 5V

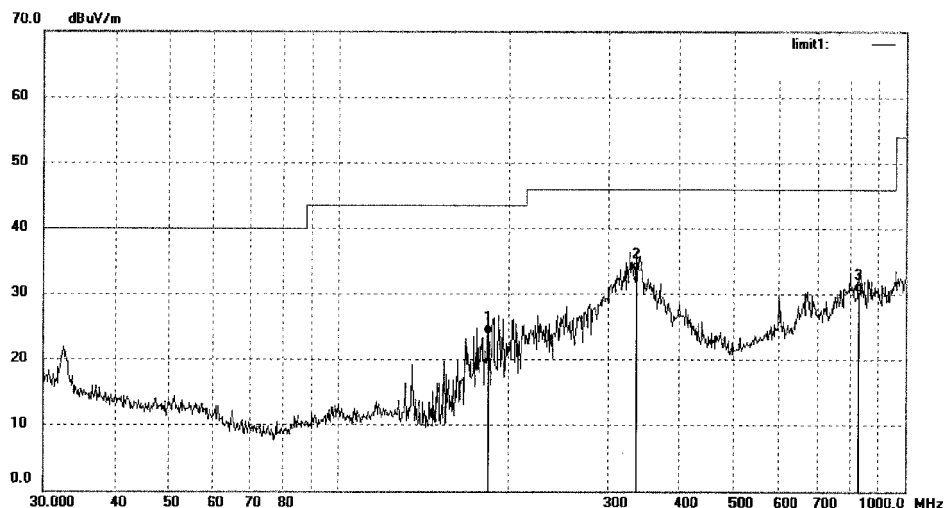
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 184.4898       | 36.38               | -12.56         | 23.82              | 43.50             | -19.68         | QP       |                |                  |        |
| 2   | 334.8589       | 41.69               | -8.26          | 33.43              | 46.00             | -12.57         | QP       |                |                  |        |
| 3   | 827.4932       | 29.88               | 0.48           | 30.36              | 46.00             | -15.64         | QP       |                |                  |        |


**ACCURATE TECHNOLOGY CO., LTD.**

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LGW2015 #2224

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 2441MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Vertical

Power Source: DC 5V

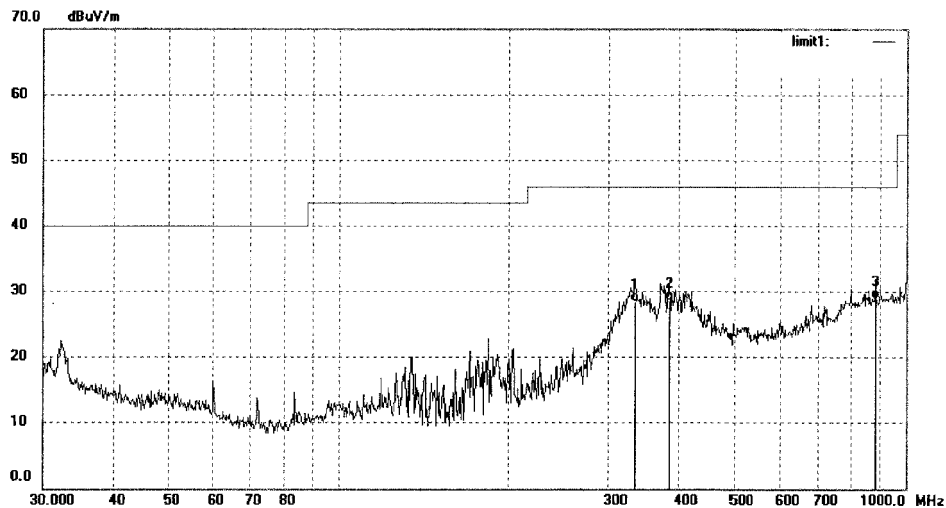
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 333.6865       | 36.74               | -8.28          | 28.46              | 46.00             | -17.54         | QP       |                |                  |        |
| 2   | 383.9318       | 35.98               | -7.30          | 28.68              | 46.00             | -17.32         | QP       |                |                  |        |
| 3   | 881.4067       | 27.75               | 1.16           | 28.91              | 46.00             | -17.09         | QP       |                |                  |        |


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Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LGW2015 #2226

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 2476MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Horizontal

Power Source: DC 5V

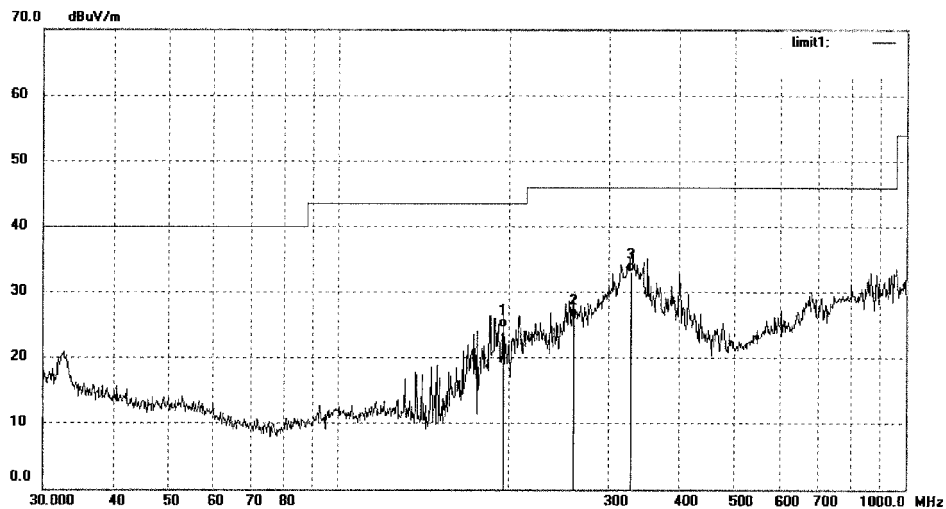
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 195.8220       | 36.80               | -12.26         | 24.54              | 43.50             | -18.96         | QP       |                |                  |        |
| 2   | 260.1444       | 36.76               | -10.63         | 26.13              | 46.00             | -19.87         | QP       |                |                  |        |
| 3   | 327.8872       | 41.64               | -8.43          | 33.21              | 46.00             | -12.79         | QP       |                |                  |        |


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Job No.: LGW2015 #2227

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 2476MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Vertical

Power Source: DC 5V

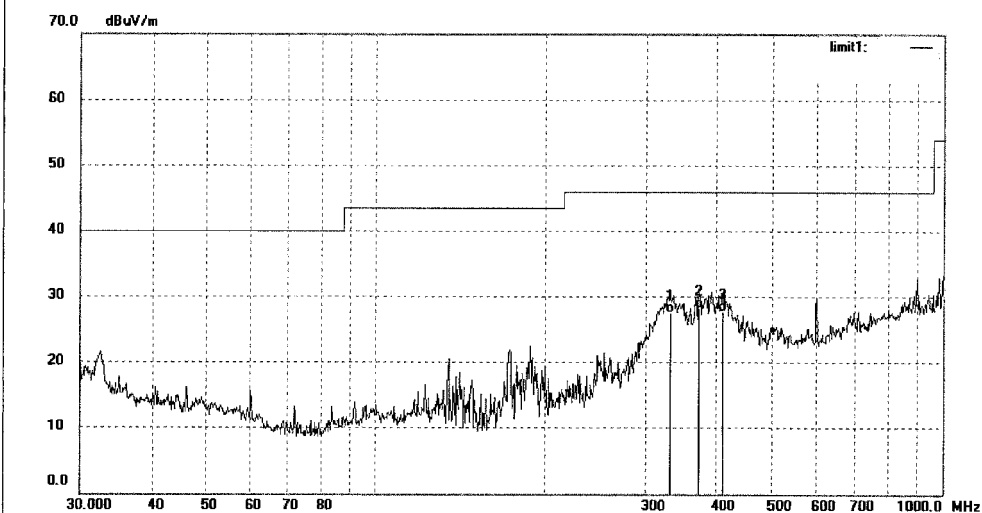
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



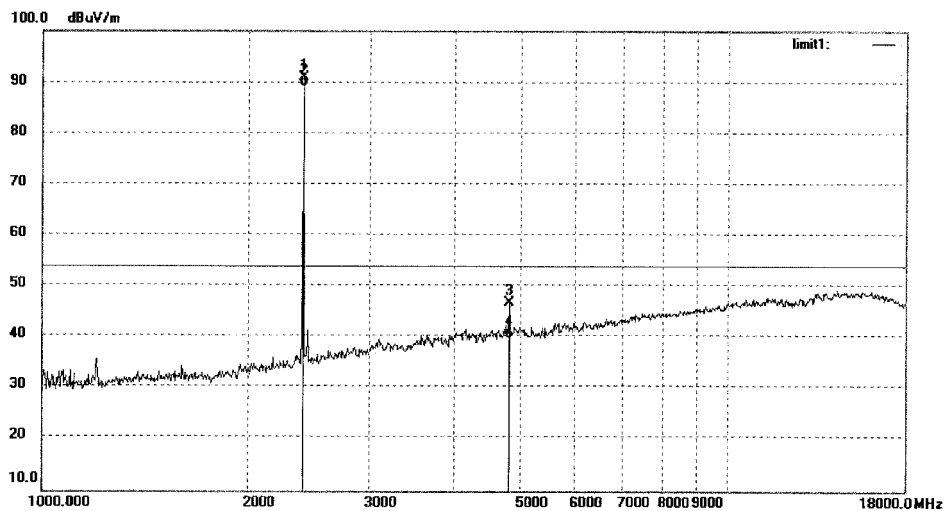
| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 330.1949       | 35.93               | -8.34          | 27.59              | 46.00             | -18.41         | QP       |                |                  |        |
| 2   | 372.0045       | 35.67               | -7.48          | 28.19              | 46.00             | -17.81         | QP       |                |                  |        |
| 3   | 410.3824       | 34.32               | -6.55          | 27.77              | 46.00             | -18.23         | QP       |                |                  |        |


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|                                                              |                          |
|--------------------------------------------------------------|--------------------------|
| Job No.: LGW2015 #2228                                       | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated                            | Power Source: DC 5V      |
| Test item: Radiation Test                                    | Date: 15/12/24/          |
| Temp.( C)/Hum.(%) 23 C / 48 %                                | Time:                    |
| EUT: Dongle                                                  | Engineer Signature: PEI  |
| Mode: TX 2402MHz                                             | Distance: 3m             |
| Model: MX-133                                                |                          |
| Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD |                          |

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2402.000    | 98.33            | -7.45       | 90.88           | 114.00         | -23.12      | peak     |             |               |        |
| 2   | 2402.000    | 96.52            | -7.45       | 89.07           | 94.00          | -4.93       | AVG      |             |               |        |
| 3   | 4804.031    | 47.10            | -0.30       | 46.80           | 74.00          | -27.20      | peak     |             |               |        |
| 4   | 4804.031    | 40.22            | -0.30       | 39.92           | 54.00          | -14.08      | AVG      |             |               |        |


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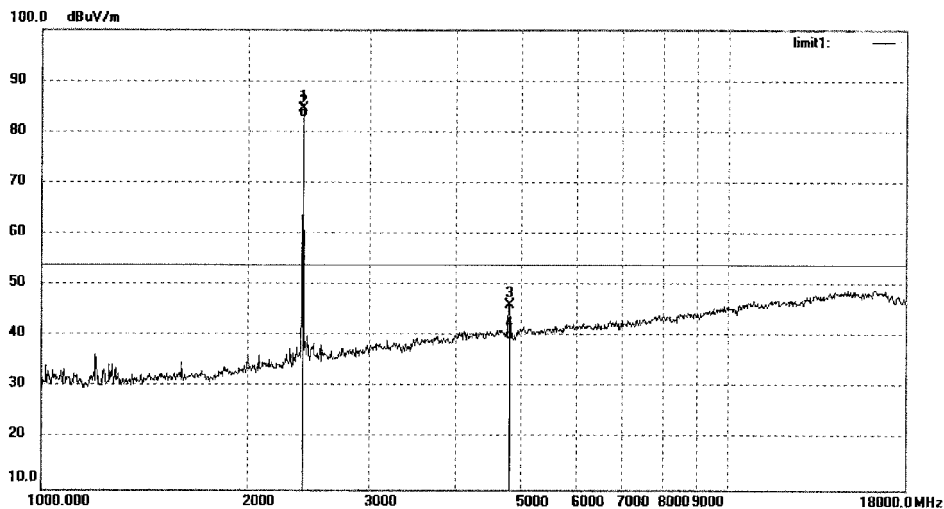
 Site: 2# Chamber  
 Tel:+86-0755-26503290  
 Fax:+86-0755-26503396

 Job No.: LGW2015 #2229  
 Standard: FCC Class B 3M Radiated  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Dongle  
 Mode: TX 2402MHz  
 Model: MX-133

 Polarization: Vertical  
 Power Source: DC 5V  
 Date: 15/12/24/  
 Time:  
 Engineer Signature: PEI  
 Distance: 3m

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2402.000    | 92.10            | -7.45       | 84.65           | 114.00         | -29.35      | peak     |             |               |        |
| 2   | 2402.000    | 90.23            | -7.45       | 82.78           | 94.00          | -11.22      | AVG      |             |               |        |
| 3   | 4804.026    | 46.49            | -0.30       | 46.19           | 74.00          | -27.81      | peak     |             |               |        |
| 4   | 4804.026    | 39.56            | -0.30       | 39.26           | 54.00          | -14.74      | AVG      |             |               |        |


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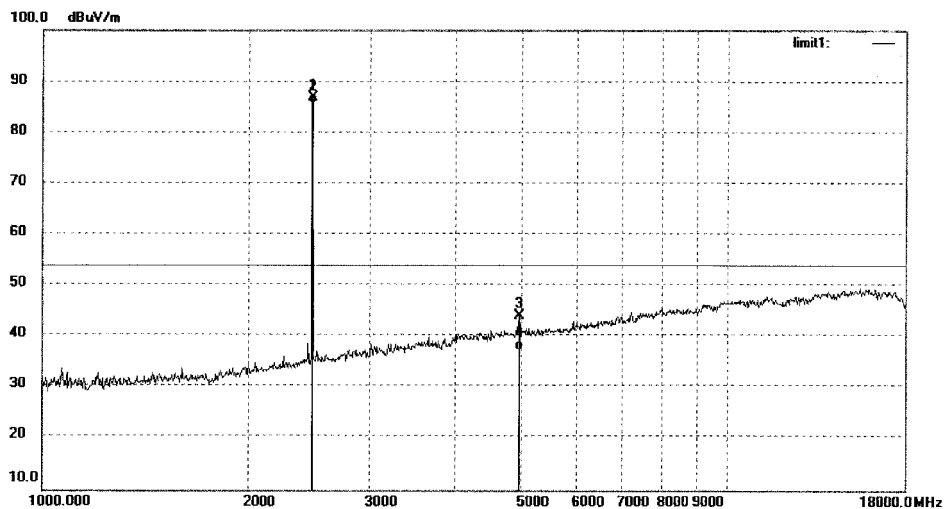
 Site: 2# Chamber  
 Tel:+86-0755-26503290  
 Fax:+86-0755-26503396

 Job No.: LGW2015 #2231  
 Standard: FCC Class B 3M Radiated  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Dongle  
 Mode: TX 2476MHz  
 Model: MX-133

 Polarization: Horizontal  
 Power Source: DC 5V  
 Date: 15/12/24/  
 Time:  
 Engineer Signature: PEI  
 Distance: 3m

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2476.000    | 94.30            | -7.36       | 86.94           | 114.00         | -27.06      | peak     |             |               |        |
| 2   | 2476.000    | 93.15            | -7.36       | 85.79           | 94.00          | -8.21       | AVG      |             |               |        |
| 3   | 4952.029    | 43.64            | 0.48        | 44.12           | 74.00          | -29.88      | peak     |             |               |        |
| 4   | 4952.029    | 36.78            | 0.48        | 37.26           | 54.00          | -16.74      | AVG      |             |               |        |


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Job No.: LGW2015 #2230

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 2476MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Vertical

Power Source: DC 5V

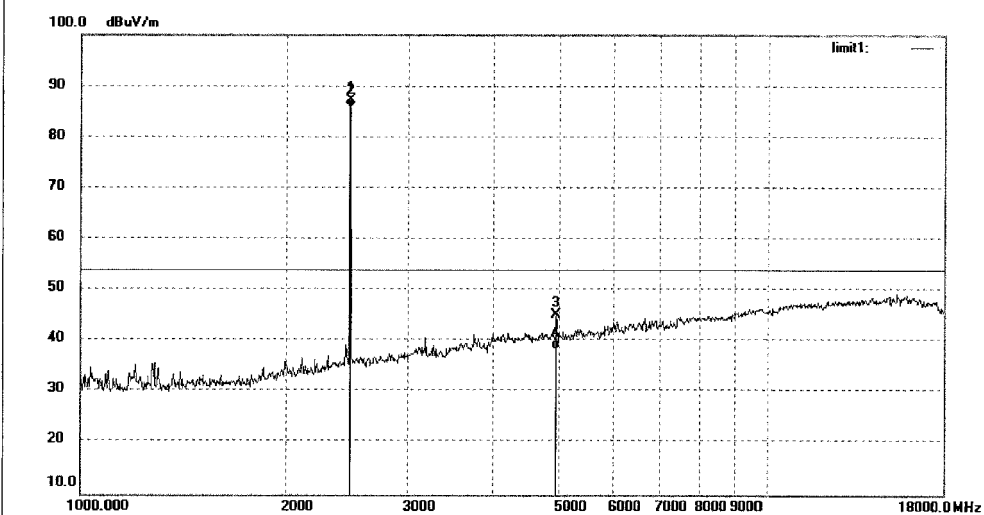
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2476.000    | 94.54            | -7.36       | 87.18           | 114.00         | -26.82      | peak     |             |               |        |
| 2   | 2476.000    | 93.23            | -7.36       | 85.87           | 94.00          | -8.13       | AVG      |             |               |        |
| 3   | 4952.023    | 44.72            | 0.48        | 45.20           | 74.00          | -28.80      | peak     |             |               |        |
| 4   | 4952.023    | 37.89            | 0.48        | 38.37           | 54.00          | -15.63      | AVG      |             |               |        |


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Job No.: LGW2015 #2232

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 2441MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Horizontal

Power Source: DC 5V

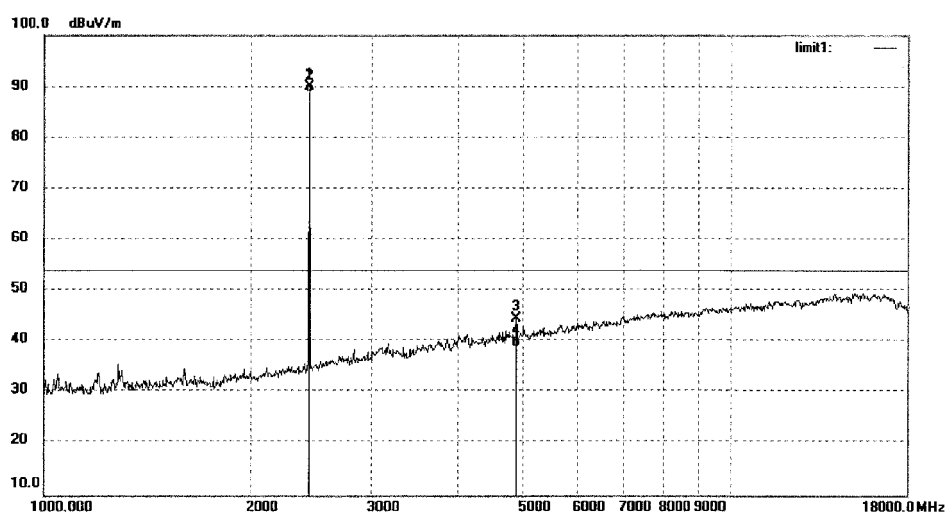
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2441.000    | 97.27            | -7.35       | 89.92           | 114.00         | -24.08      | peak     |             |               |        |
| 2   | 2441.000    | 96.25            | -7.35       | 88.90           | 94.00          | -5.10       | AVG      |             |               |        |
| 3   | 4882.024    | 44.45            | 0.14        | 44.59           | 74.00          | -29.41      | peak     |             |               |        |
| 4   | 4882.024    | 38.67            | 0.14        | 38.81           | 54.00          | -15.19      | AVG      |             |               |        |


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Tel:+86-0755-26503290

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Job No.: LGW2015 #2233

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 2441MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Vertical

Power Source: DC 5V

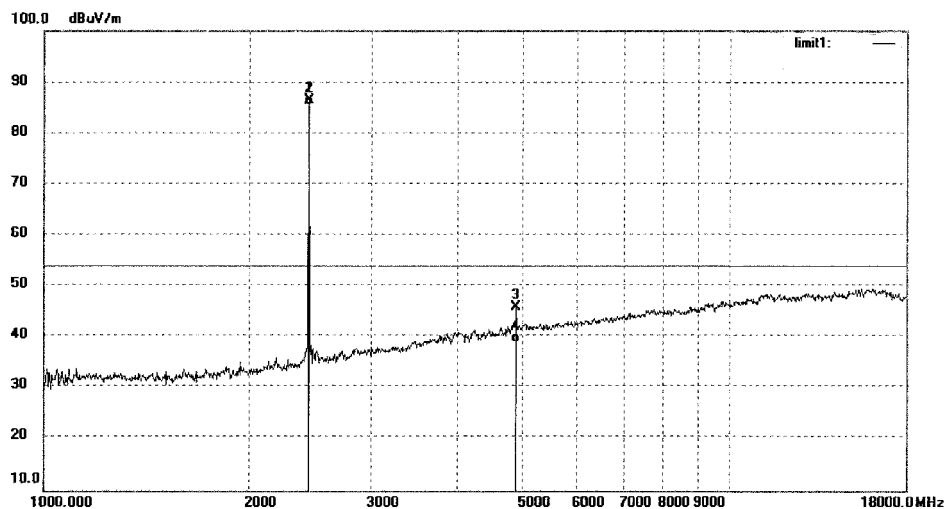
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2441.000    | 93.66            | -7.35       | 86.31           | 114.00         | -27.69      | peak     |             |               |        |
| 2   | 2441.000    | 92.75            | -7.35       | 85.40           | 94.00          | -8.60       | AVG      |             |               |        |
| 3   | 4882.028    | 45.69            | 0.14        | 45.83           | 74.00          | -28.17      | peak     |             |               |        |
| 4   | 4882.028    | 38.86            | 0.14        | 39.00           | 54.00          | -15.00      | AVG      |             |               |        |


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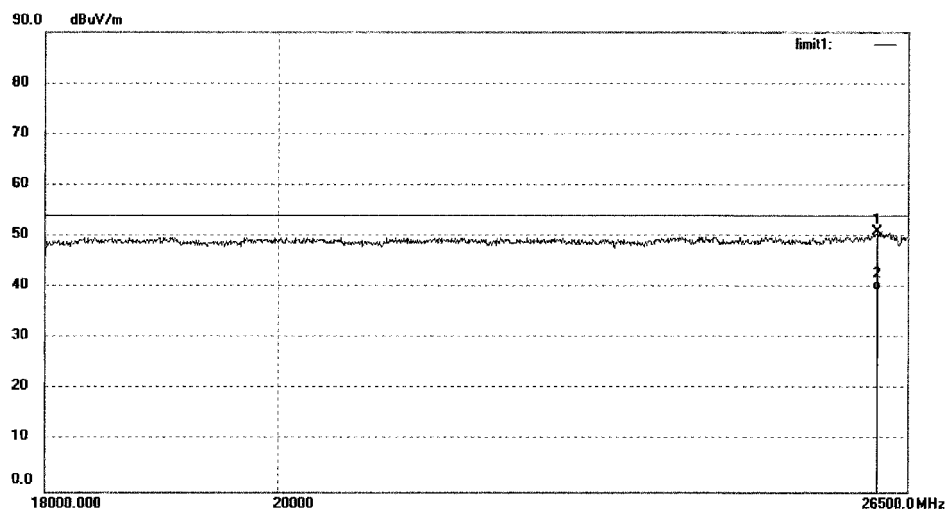
Fax:+86-0755-26503396

Job No.: LGW2015 #2247  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Dongle  
Mode: TX 2476MHz  
Model: MX-133

Polarization: Horizontal  
Power Source: DC 5V  
Date: 15/12/24/  
Time:  
Engineer Signature: PEI  
Distance: 3m

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 26143.685      | 34.53               | 16.50          | 51.03              | 74.00             | -22.97         | peak     |                |                  |        |
| 2   | 26143.685      | 23.00               | 16.50          | 39.50              | 54.00             | -14.50         | AVG      |                |                  |        |


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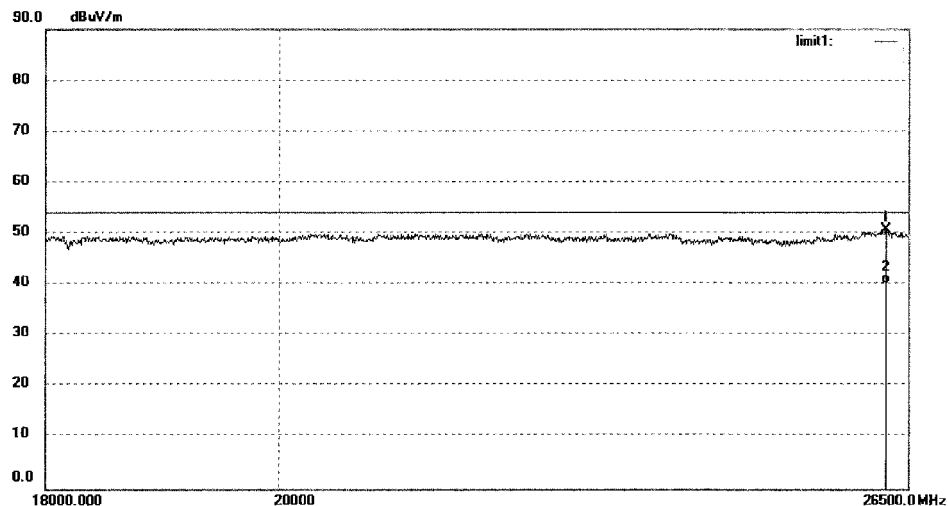
Fax:+86-0755-26503396

Job No.: LGW2015 #2246  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Dongle  
Mode: TX 2476MHz  
Model: MX-133

Polarization: Vertical  
Power Source: DC 5V  
Date: 15/12/24/  
Time:  
Engineer Signature: PEI  
Distance: 3m

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 26234.849   | 33.61            | 17.08       | 50.69           | 74.00          | -23.31      | peak     |             |               |        |
| 2   | 26234.849   | 23.07            | 17.08       | 40.15           | 54.00          | -13.85      | AVG      |             |               |        |


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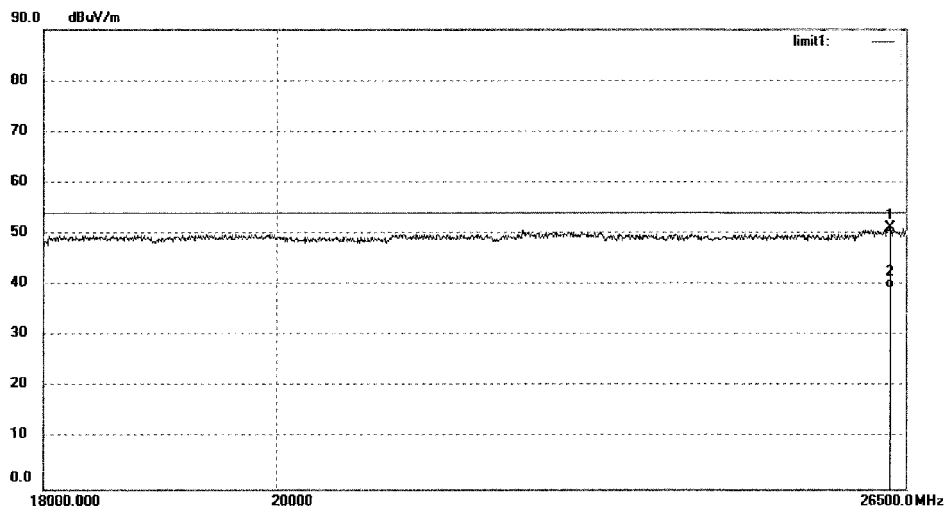
Fax:+86-0755-26503396

Job No.: LGW2015 #2248  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Dongle  
Mode: TX 2441MHz  
Model: MX-133

Polarization: Horizontal  
Power Source: DC 5V  
Date: 15/12/24/  
Time:  
Engineer Signature: PEI  
Distance: 3m

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 26316.150      | 34.80               | 16.50          | 51.30              | 74.00             | -22.70         | peak     |                |                  |        |
| 2   | 26316.150      | 22.69               | 16.50          | 39.19              | 54.00             | -14.81         | AVG      |                |                  |        |

**Prüfbericht - Nr.: 17056242 001**  
*Test Report No.*
**Seite 50 von 63**  
*Page 50 of 63*

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Job No.: LGW2015 #2249

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/12/24/

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Dongle

Engineer Signature: PEI

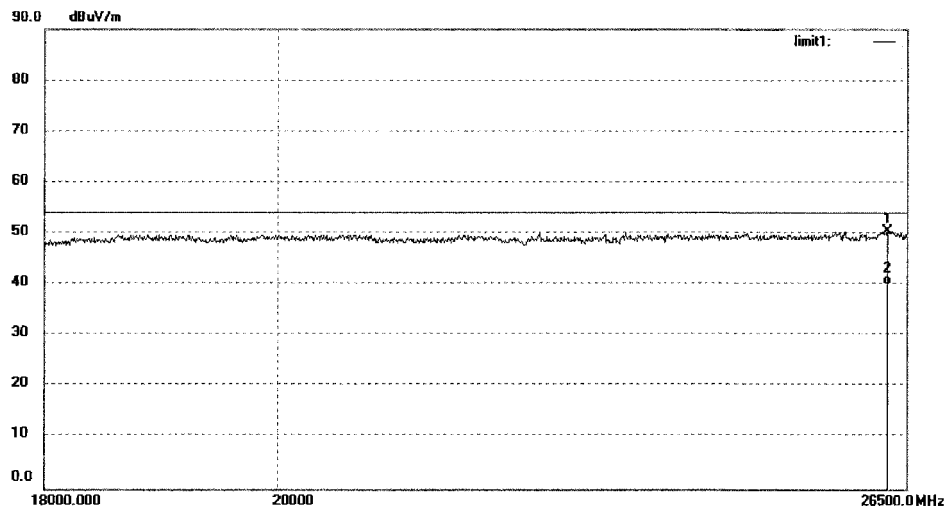
Mode: TX 2441MHz

Distance: 3m

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 26275.468      | 33.54               | 17.05          | 50.59              | 74.00             | -23.41         | peak     |                |                  |        |
| 2   | 26275.468      | 22.98               | 17.05          | 40.03              | 54.00             | -13.97         | AVG      |                |                  |        |


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Site: 2# Chamber

Tel:+86-0755-26503290

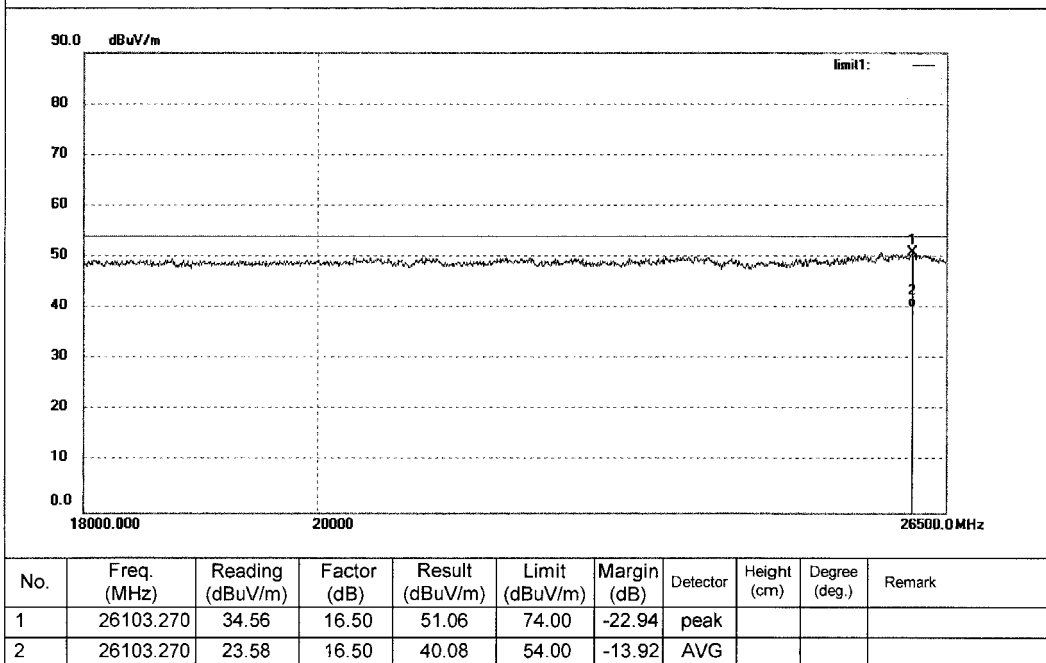
Fax:+86-0755-26503396

Job No.: LGW2015 #2251  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Dongle  
Mode: TX 2402MHz  
Model: MX-133

Polarization: Horizontal  
Power Source: DC 5V  
Date: 15/12/24/  
Time:  
Engineer Signature: PEI  
Distance: 3m

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Note:



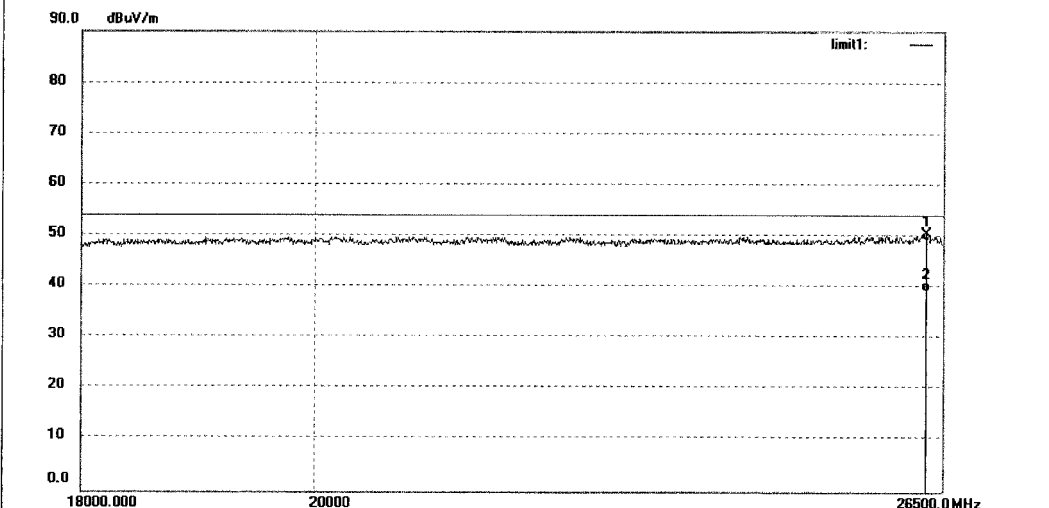
**Prüfbericht - Nr.: 17056242 001**  
*Test Report No.*
**Seite 52 von 63**  
*Page 52 of 63*

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|                                                              |                         |
|--------------------------------------------------------------|-------------------------|
| Job No.: LGW2015 #2250                                       | Polarization: Vertical  |
| Standard: FCC Class B 3M Radiated                            | Power Source: DC 5V     |
| Test item: Radiation Test                                    | Date: 15/12/24/         |
| Temp.( C)/Hum.(%) 23 C / 48 %                                | Time:                   |
| EUT: Dongle                                                  | Engineer Signature: PEI |
| Mode: TX 2402MHz                                             | Distance: 3m            |
| Model: MX-133                                                |                         |
| Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD |                         |

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 26305.974      | 33.49               | 17.03          | 50.52              | 74.00             | -23.48         | peak     |                |                  |        |
| 2   | 26305.974      | 22.25               | 17.03          | 39.28              | 54.00             | -14.72         | AVG      |                |                  |        |

## Test Plot of Frequency Band Edge


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LGW2015 #2259

Standard: FCC (Band Edge 2.4GHz)

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Dongle

Mode: TX 202MHz

Model: MX-133

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Polarization: Horizontal

Power Source: DC 5V

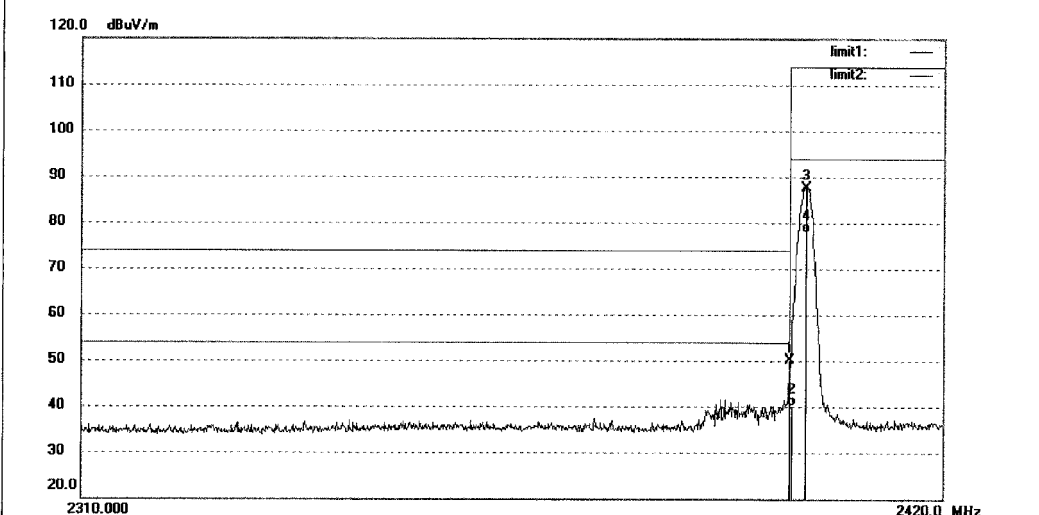
Date: 15/12/24/

Time:

Engineer Signature: PEI

Distance: 3m

Note:



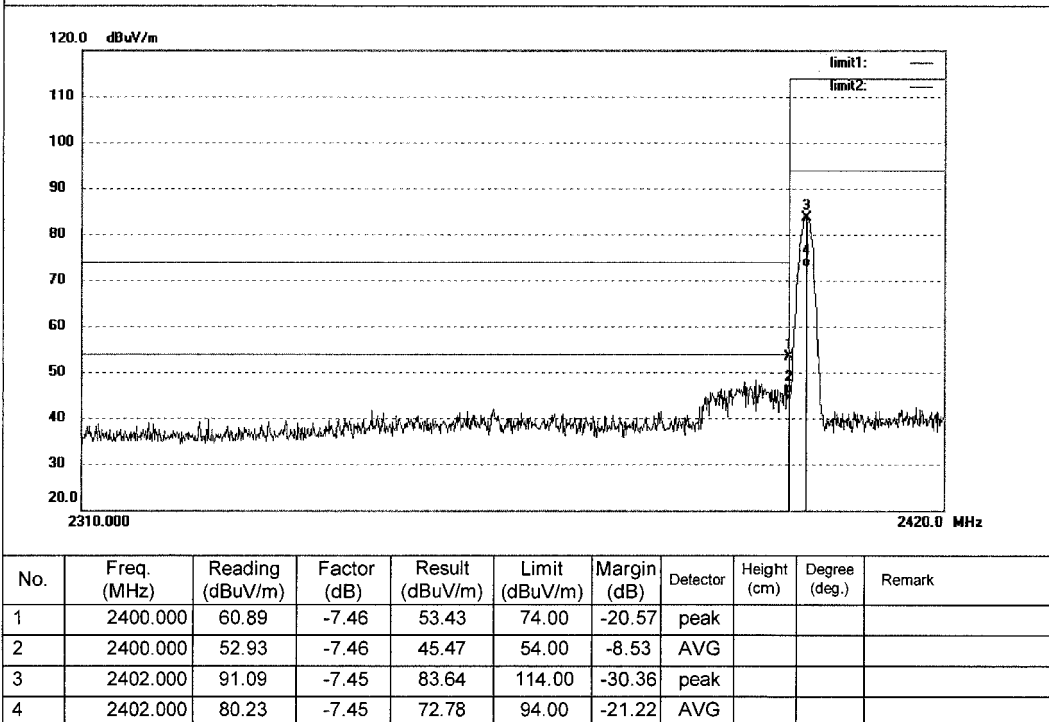
| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2400.000    | 57.51            | -7.46       | 50.05           | 74.00          | -23.95      | peak     |             |               |        |
| 2   | 2400.000    | 47.62            | -7.46       | 40.16           | 54.00          | -13.84      | AVG      |             |               |        |
| 3   | 2402.000    | 95.15            | -7.45       | 87.70           | 114.00         | -26.30      | peak     |             |               |        |
| 4   | 2402.000    | 85.35            | -7.45       | 77.90           | 94.00          | -16.10      | AVG      |             |               |        |


**ACCURATE TECHNOLOGY CO., LTD.**  
 F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber  
 Tel:+86-0755-26503290  
 Fax:+86-0755-26503396

|                                                              |                         |
|--------------------------------------------------------------|-------------------------|
| Job No.: LGW2015 #2258                                       | Polarization: Vertical  |
| Standard: FCC (Band Edge 2.4GHz)                             | Power Source: DC 5V     |
| Test item: Radiation Test                                    | Date: 15/12/24/         |
| Temp.( C)/Hum.(%) 23 C / 48 %                                | Time:                   |
| EUT: Dongle                                                  | Engineer Signature: PEI |
| Mode: TX 2402MHz                                             | Distance: 3m            |
| Model: MX-133                                                |                         |
| Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD |                         |

Note:




**ACCURATE TECHNOLOGY CO., LTD.**

 F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

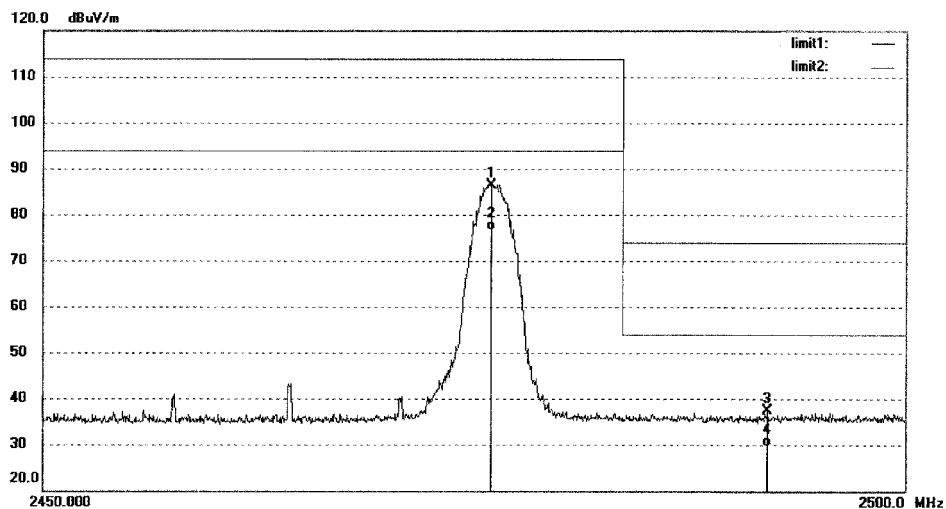
Fax:+86-0755-26503396

 Job No.: LGW2015 #2256  
 Standard: FCC (Band Edge 2.4GHz)  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Dongle  
 Mode: TX 2476MHz  
 Model: MX-133

 Polarization: Horizontal  
 Power Source: DC 5V  
 Date: 15/12/24/  
 Time:  
 Engineer Signature: PEI  
 Distance: 3m

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2476.000    | 93.69            | -7.36       | 86.33           | 114.00         | -27.67      | peak     |             |               |        |
| 2   | 2476.000    | 83.89            | -7.36       | 76.53           | 94.00          | -17.47      | AVG      |             |               |        |
| 3   | 2492.000    | 44.87            | -7.39       | 37.48           | 74.00          | -36.52      | peak     |             |               |        |
| 4   | 2492.000    | 36.91            | -7.39       | 29.52           | 54.00          | -24.48      | AVG      |             |               |        |


**ACCURATE TECHNOLOGY CO., LTD.**  
 F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
 Science & Industry Park,Nanshan Shenzhen,P.R.China

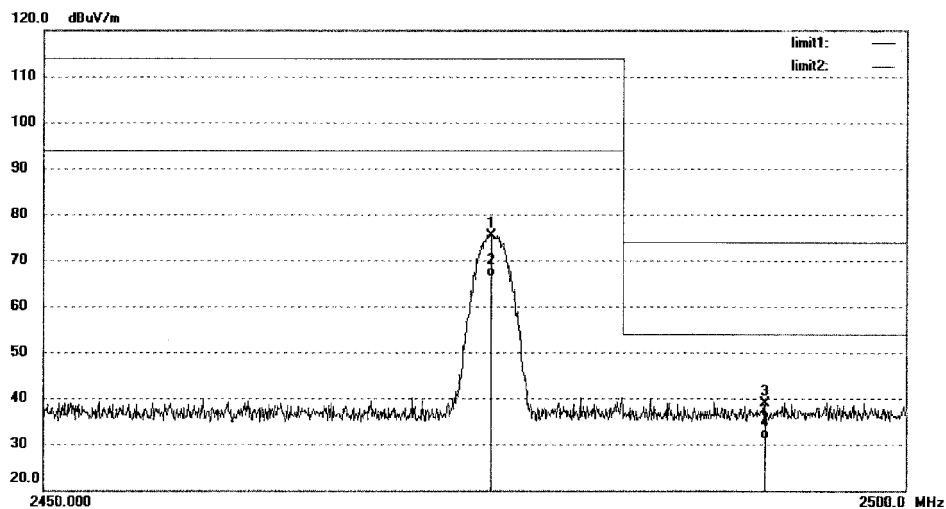
 Site: 2# Chamber  
 Tel:+86-0755-26503290  
 Fax:+86-0755-26503396

 Job No.: LGW2015 #2257  
 Standard: FCC (Band Edge 2.4GHz)  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Dongle  
 Mode: TX 2476MHz  
 Model: MX-133

 Polarization: Vertical  
 Power Source: DC 5V  
 Date: 15/12/24/  
 Time:  
 Engineer Signature: PEI  
 Distance: 3m

Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 2476.000       | 82.73               | -7.36          | 75.37              | 114.00            | -38.63         | peak     |                |                  |        |
| 2   | 2476.000       | 73.85               | -7.36          | 66.49              | 94.00             | -27.51         | AVG      |                |                  |        |
| 3   | 2491.850       | 46.22               | -7.39          | 38.83              | 74.00             | -35.17         | peak     |                |                  |        |
| 4   | 2491.850       | 38.43               | -7.39          | 31.04              | 54.00             | -22.96         | AVG      |                |                  |        |

**Prüfbericht - Nr.: 17056242 001**

Test Report No.

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### 5.1.2 Conducted emissions

**RESULT:****Pass**

|                   |   |                    |
|-------------------|---|--------------------|
| Date of testing   | : | 2015-12-24         |
| Test standard     | : | FCC Part 15.207    |
|                   |   | RSS-Gen Clause 8.8 |
| Basic standard    | : | ANSI C63.10: 2013  |
| Frequency range   | : | 0.15 – 30MHz       |
| Limits            | : | FCC Part 15.207    |
|                   |   | Table 3 of RSS-Gen |
| Kind of test site | : | Shield room        |

**Test setup**

|                      |   |               |
|----------------------|---|---------------|
| Input Voltage        | : | AC 120V, 60Hz |
| Operation Mode       | : | A             |
| Earthing             | : | Connected     |
| Ambient temperature  | : | 25°C          |
| Relative humidity    | : | 52%           |
| Atmospheric pressure | : | 101kPa        |

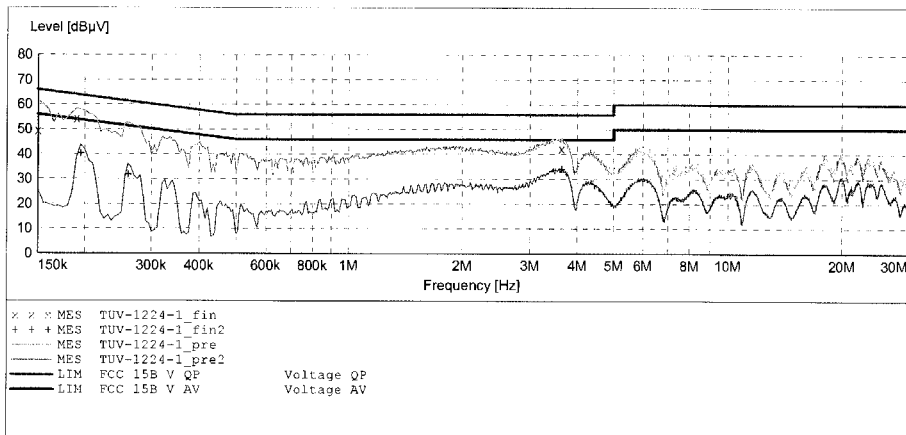
For details refer to following test plot.

**ACCURATE TECHNOLOGY CO.,LTD**
**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Dongle M/N:MX-133  
 Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD  
 Operating Condition: Transmitting  
 Test Site: 1#Shielding Room  
 Operator: LGWADE  
 Test Specification: L 120V/60Hz  
 Comment: Mains Port  
 Start of Test: 12/24/2015 /

**SCAN TABLE: "V 9K-30MHz fin"**

Short Description: \_SUB STD\_VTERM2 1.70  
 Start Stop Step Detector Meas. IF Transducer  
 Frequency Frequency Width Time Bandw.  
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008  
 Average  
 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
 Average


**MEASUREMENT RESULT: "TUV-1224-1\_fin"**

12/24/2015

| Frequency MHz | Level dBμV | Transd dB | Limit dBμV | Margin dB | Detector | Line | PE  |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.150000      | 49.50      | 10.5      | 66         | 16.5      | QP       | L1   | GND |
| 0.190000      | 54.40      | 10.5      | 64         | 9.6       | QP       | L1   | GND |
| 3.630000      | 42.30      | 11.1      | 56         | 13.7      | QP       | L1   | GND |

**MEASUREMENT RESULT: "TUV-1224-1\_fin2"**

12/24/2015

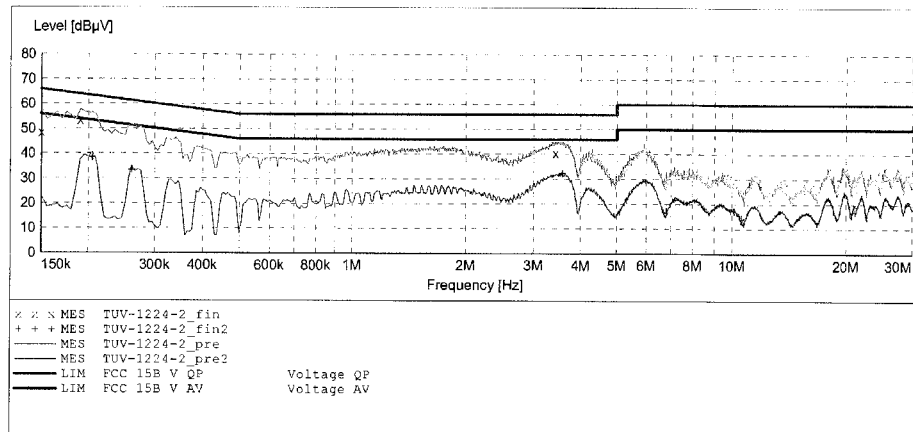
| Frequency MHz | Level dBμV | Transd dB | Limit dBμV | Margin dB | Detector | Line | PE  |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.195000      | 40.10      | 10.5      | 54         | 13.7      | AV       | L1   | GND |
| 0.260000      | 31.70      | 10.6      | 51         | 19.7      | AV       | L1   | GND |
| 3.630000      | 34.00      | 11.1      | 46         | 12.0      | AV       | L1   | GND |

**ACCURATE TECHNOLOGY CO.,LTD**
**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Dongle M/N:MX-133  
 Manufacturer: Dongguan Newmen Electronics Technology Co.,LTD  
 Operating Condition: Transmitting  
 Test Site: 1#Shielding Room  
 Operator: LGWADE  
 Test Specification: N 120V/60Hz  
 Comment: Mains Port  
 Start of Test: 12/24/2015 /

**SCAN TABLE: "V 9K-30MHz fin"**

Short Description: \_SUB STD VTERM2 1.70  
 Start Stop Step Detector Meas. IF Transducer  
 Frequency Frequency Width Time Bandw.  
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008  
 150.0 kHz 30.0 MHz 5.0 kHz Average  
 QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
 Average


**MEASUREMENT RESULT: "TUV-1224-2\_fin"**

| Frequency<br>MHz | Level<br>dBµV | Transd<br>dB | Limit<br>dBµV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.150000         | 48.50         | 10.5         | 66            | 17.5         | QP       | N    | GND |
| 0.190000         | 53.50         | 10.5         | 64            | 10.5         | QP       | N    | GND |
| 3.430000         | 40.40         | 11.1         | 56            | 15.6         | QP       | N    | GND |

**MEASUREMENT RESULT: "TUV-1224-2\_fin2"**

| Frequency<br>MHz | Level<br>dBµV | Transd<br>dB | Limit<br>dBµV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.205000         | 38.30         | 10.5         | 53            | 15.1         | AV       | N    | GND |
| 0.260000         | 33.30         | 10.6         | 51            | 18.1         | AV       | N    | GND |
| 3.570000         | 32.20         | 11.1         | 46            | 13.8         | AV       | N    | GND |

## 6. Safety Human exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

**RESULT:****Pass**

Test standard : RSS-102 Issue 5 March 2015  
FCC KDB Publication 447498 D01 v06

The maximum radiated power of the transmitter is 0.627mW (-2.03dBm) only, which less than 309mW. Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 5.

Since maximum radiated power of the transmitter is 0.627mW<96mW, and the distance from EUT to human is  $\geq 50$ mm, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 General RF Exposure Guidance v06.

## 7. Photographs of the Test Set-Up

**Photograph 1: Set-up for Spurious Emissions below 30MHz**



**Photograph 2: Set-up for Spurious Emissions of 30MHz – 1GHz**



**Photograph 3: Set-up for Spurious Emissions of 1 – 18GHz**



**Photograph 4: Set-up for Spurious Emissions of 18 – 26.5GHz**



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