
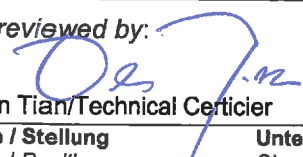


| | | | | |
|---|---|---|-----------------------------|--|
| Prüfbericht-Nr.: <i>Test Report No.:</i> | 50058255 001 | Auftrags-Nr.: <i>Order No.:</i> | 164072163 | Seite 1 von 71 Page 1 of 71 |
| Kunden-Referenz-Nr.: <i>Client Reference No.:</i> | N/A | Auftragsdatum: <i>Order date:</i> | 23.08.2016 | |
| Auftraggeber: <i>Client:</i> | limoss (Shenzhen) Co., Ltd. 1/F & South Wing, 2/F of Block A and North Wing, 1/F of Block E, Hourui 3rd Ind. Park, Xixiang, Bao'an, Shenzhen, Guangdong 518102, P.R. China | | | |
| Prüfgegenstand: <i>Test item:</i> | Wireless Receiver | | | |
| Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i> | MC250 (limoss) | | | |
| Auftrags-Inhalt: <i>Order content:</i> | FCC/IC Certification | | | |
| Prüfgrundlage: <i>Test specification:</i> | <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> CFR47 FCC Part 15: Subpart C Section 15.249 CFR47 FCC Part 15: Subpart C Section 15.209 CFR47 FCC Part 15: Subpart B Section 15.109 RSS-210 Issue 8 December 2010 ICES-003 Issue 6 January 2016 </div> <div style="width: 48%;"> CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart B Section 15.107 FCC KDB Publication 447498 D01 v06 RSS-Gen Issue 4 November 2014 RSS-102 Issue 5 March 2015 </div> </div> | | | |
| Wareneingangsdatum: <i>Date of receipt:</i> | 01.09.2016 | | | |
| Prüfmuster-Nr.: <i>Test sample No.:</i> | A000416439-003 | | | |
| Prüfzeitraum: <i>Testing period:</i> | 06.09.2016 - 20.09.2016 | | | |
| Ort der Prüfung: <i>Place of testing:</i> | Accurate Technology Co., Ltd. | | | |
| Prüflaboratorium: <i>Testing laboratory:</i> | TÜV Rheinland (Shenzhen) Co., Ltd. | | | |
| Prüfergebnis*: <i>Test result*:</i> | Pass | | | |
| geprüft von / tested by: | | kontrolliert von / reviewed by: | | |
| 10.10.2016  Winnie Hou/Senior Project Manager | | 10.10.2016  Owen Tian/Technical Certifier | | |
| Datum <i>Date</i> | Name / Stellung <i>Name / Position</i> | Unterschrift <i>Signature</i> | Datum <i>Date</i> | Name / Stellung <i>Name / Position</i> |
| | | | | |
| Sonstiges / Other: | | | | |
| Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i> | | Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i> | | |
| | | | | |
| * Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft 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 P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested | | | | |
| 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. <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> | | | | |

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

5.1.4 RADIATED EMISSIONS OUTSIDE OF THE BAND

RESULT: Pass

5.1.5 CONDUCTED EMISSIONS

RESULT: Pass

5.1.6 RADIATED EMISSION

RESULT: Pass

6.1.1 ELECTROMAGNETIC FIELDS

RESULT: Pass

Contents

| | | |
|------------|--|-----------|
| 1. | GENERAL REMARKS | 4 |
| 1.1 | COMPLEMENTARY MATERIALS | 4 |
| 2. | TEST SITES | 4 |
| 2.1 | TEST FACILITIES | 4 |
| 2.2 | LIST OF TEST AND MEASUREMENT INSTRUMENTS..... | 5 |
| 2.3 | TRACEABILITY | 6 |
| 2.4 | CALIBRATION | 6 |
| 2.5 | MEASUREMENT UNCERTAINTY..... | 6 |
| 2.6 | LOCATION OF ORIGINAL DATA..... | 6 |
| 2.7 | STATUS OF FACILITY USED FOR TESTING..... | 6 |
| 3. | GENERAL PRODUCT INFORMATION | 7 |
| 3.1 | PRODUCT FUNCTION AND INTENDED USE..... | 7 |
| 3.2 | RATINGS AND SYSTEM DETAILS | 7 |
| 3.3 | INDEPENDENT OPERATION MODES | 7 |
| 3.4 | NOISE GENERATING AND NOISE SUPPRESSING PARTS | 7 |
| 3.5 | SUBMITTED DOCUMENTS | 8 |
| 4. | TEST SET-UP AND OPERATION MODES | 9 |
| 4.1 | PRINCIPLE OF CONFIGURATION SELECTION..... | 9 |
| 4.2 | TEST OPERATION AND TEST SOFTWARE | 9 |
| 4.3 | SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT | 9 |
| 4.4 | COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE..... | 9 |
| 4.5 | TEST SETUP DIAGRAM | 10 |
| 5. | TEST RESULTS | 12 |
| 5.1 | TRANSMITTER REQUIREMENT & TEST SUITES | 12 |
| 5.1.1 | <i>Antenna Requirement</i> | <i>12</i> |
| 5.1.2 | <i>20dB Bandwidth and 99% Bandwidth.....</i> | <i>13</i> |
| 5.1.3 | <i>Fundamental & Harmonics Radiated Emission</i> | <i>18</i> |
| 5.1.4 | <i>Radiated emissions outside of the band</i> | <i>25</i> |
| 5.1.5 | <i>Conducted emissions.....</i> | <i>57</i> |
| 5.1.6 | <i>Radiated Emission</i> | <i>62</i> |
| 6. | SAFETY HUMAN EXPOSURE | 67 |
| 6.1 | RADIO FREQUENCY EXPOSURE COMPLIANCE..... | 67 |
| 6.1.1 | <i>Electromagnetic Fields.....</i> | <i>67</i> |
| 7. | PHOTOGRAPHS OF THE TEST SET-UP | 68 |
| 8. | LIST OF TABLES | 71 |
| 9. | LIST OF PHOTOGRAPHS | 71 |

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 |
|--|----------------------|-------------------|-----------------|------------------|
| Transmitter spurious emissions | | | | |
| Spectrum Analyzer | Rohde & Schwarz | FSV40 | 101495 | 2017-01-09 |
| Test Receiver | Rohde & Schwarz | ESCS30 | 100307 | 2017-01-09 |
| Bilog Antenna | Schwarzbeck | VULB9163 | 9163-323 | 2017-01-09 |
| Loop Antenna | Schwarzbeck | FMZB1516 | 1516131 | 2017-01-09 |
| Horn Antenna | Schwarzbeck | BBHA9120D | 9120D-655 | 2017-01-09 |
| Horn Antenna | Schwarzbeck | BBHA9170 | 9170-359 | 2017-01-09 |
| RF Switching Unit+PreAMP | Compliance Direction | RSU-M2 | 38322 | 2017-01-09 |
| Pre-Amplifier | Rohde&Schwarz | CBLU11835 40-01 | 3791 | 2017-01-09 |
| 50 Coaxial Switch | Anritsu Corp | MP59B | 6200506474 | 2017-01-09 |
| RF Coaxial Cable | SUHNER | N-3m | No.8 | 2017-01-09 |
| RF Coaxial Cable | RESENBERGER | N-3.5m | No.9 | 2017-01-09 |
| RF Coaxial Cable | SUHNER | N-6m | No.10 | 2017-01-09 |
| RF Coaxial Cable | RESENBERGER | N-12m | No.11 | 2017-01-09 |
| RF Coaxial Cable | RESENBERGER | N-0.5m | No.12 | 2017-01-09 |
| Radio Spectrum Test | | | | |
| Spectrum Analyzer | Rohde & Schwarz | FSV40 | 101495 | 2017-01-09 |
| Vector Signal Generator | Rohde & Schwarz | SMBV100A | 260434 | 2017-01-09 |
| Signal Generator | Rohde & Schwarz | SMB100A | 108362 | 2017-01-09 |
| Open Switch and Control Unit | Rohde & Schwarz | OSP120 + OSP-B157 | 101244 + 100866 | 2017-01-09 |
| Conducted Emission | | | | |
| Test Receiver | Rohde & Schwarz | ESCS30 | 100307 | 2017-01-09 |
| L.I.S.N. | Schwarzbeck | NLSK8126 | 8126431 | 2017-01-09 |
| Pulse Limiter | Rohde & Schwarz | ESH3-Z2 | 100815 | 2017-01-09 |
| 50Ω Coaxial Switch | Anritsu Corp | MP59B | 6200283933 | 2017-01-09 |
| Voltage Probe | Schwarzbeck | TK9416 | N/A | 2017-01-09 |
| RF Current Probe | Rohde & Schwarz | EZ-17 | 100048 | 2017-01-09 |
| 8-Wire Impedance Stabilisation Network | Schwarzbeck | CAT5 8158 | 8158-0035 | 2017-01-09 |
| RF Coaxial Cable | Suhner | N-2m | No.2 | 2017-01-09 |
| RF Coaxial Cable | Suhner | N-2m | No.3 | 2017-01-09 |
| RF Coaxial Cable | Suhner | N-2m | No.14 | 2017-01-09 |

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 receiver box of cinema control system, which used for cinema seats mass open and close, it operates at 2.4GHz ISM 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 | Wireless Receiver |
| Type Designation | MC250 |
| FCC ID | 2AH9H-MC250 |
| IC | 21543-MC250 |
| Operating Frequency Band | 2400MHz ~ 2483.5MHz |
| Operating Frequency | 2422.999MHz, 2448.393MHz, 2473.987MHz |
| Number of Channel | 3 |
| Extreme Temperature Range | 0~+40°C |
| Operation Voltage | DC 29V |
| Modulation | MSK |
| Antenna Gain | -3.4dBi |

3.3 Independent Operation Modes

The basic operation modes are:

- A. On
 - 1. Transmitting
 - 2. Receiving
- B. On, without wireless mode
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

Prüfbericht - Nr.: 50058255 001*Test Report No.***Seite 8 von 71***Page 8 of 71*

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. | Rating |
|---------------|--------------|--------------|--|
| AC/DC adapter | limoss | MC115L-70-EU | Input: AC 100-240V, 50/60Hz, 1.6-1.7A; Output: DC 29V, 2.0A |
| Motor | OKIN | JLDQ-10 | MAX load: 4000N |

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

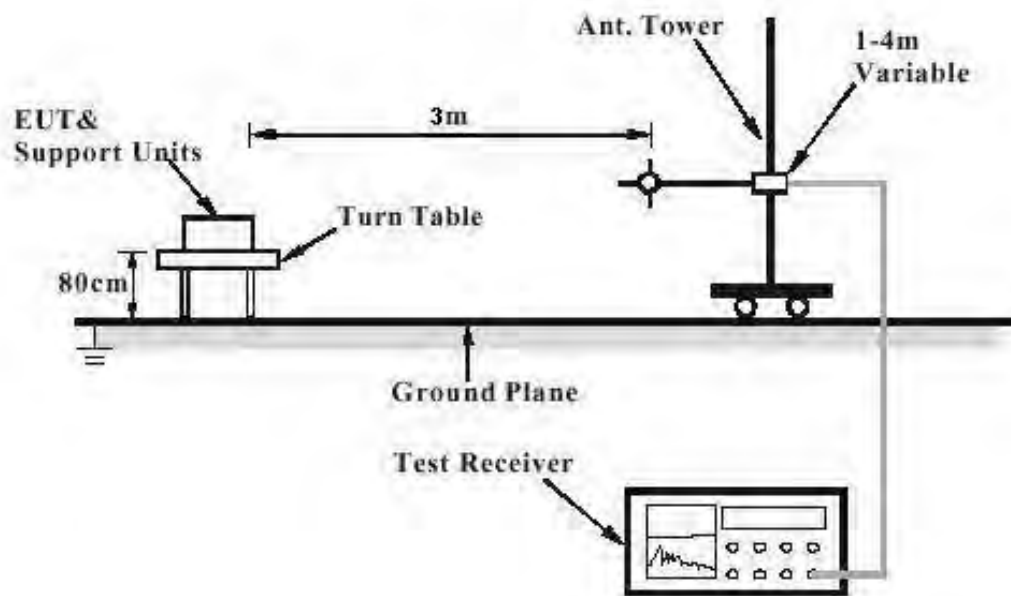


Diagram of Measurement Configuration for Radiation Test for above 1GHz

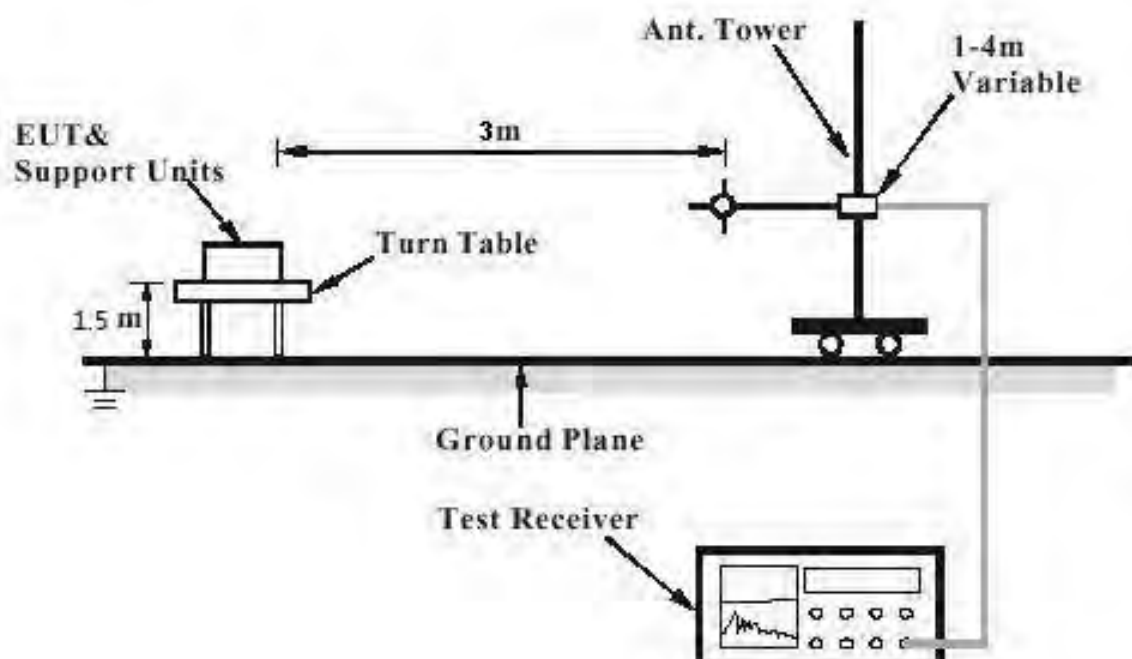


Diagram of Measurement Equipment Configuration for Transmitter Measurement

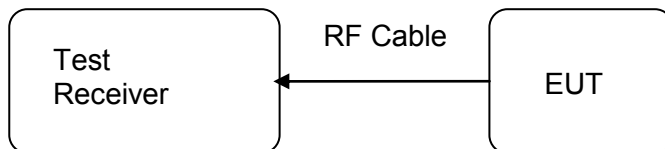
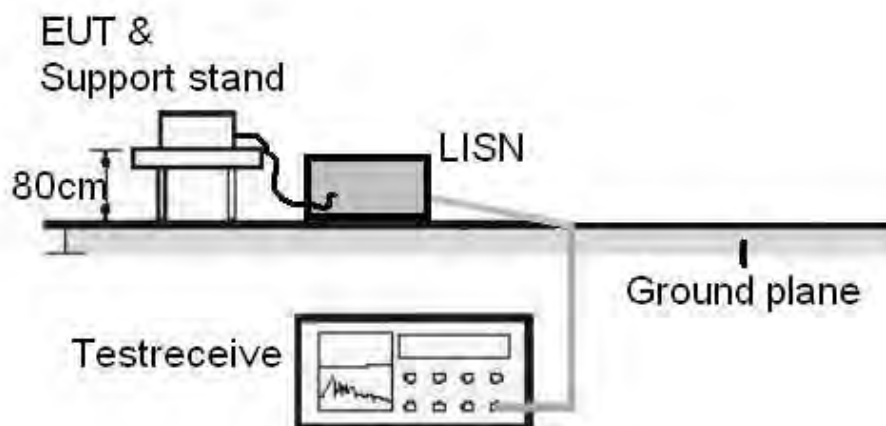


Diagram of Measurement Equipment Configuration for Conduction Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

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

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is -3.4dBi, therefore the EUT is considered sufficient to comply with the provision.

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

Date of testing : 2016-09-07
Test standard : FCC Part 15.215 (c)
RSS-Gen clause 6.6
Basic standard : ANSI C63.10: 2013
Kind of test site : Shielded room

Test setup

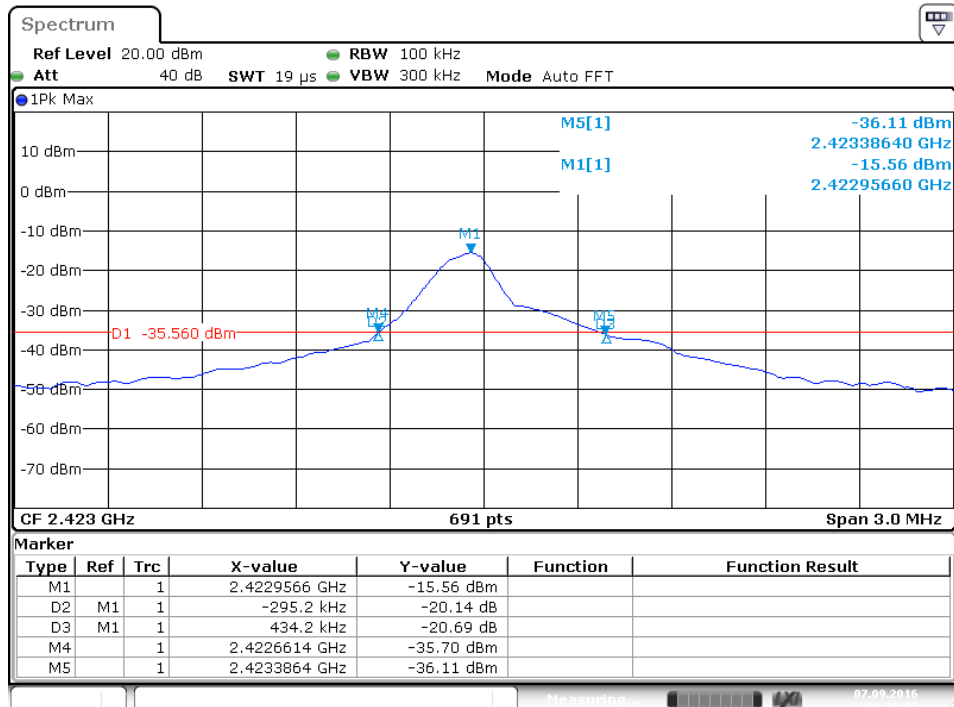
Test Channel : Low/ Middle/ High
Operation Mode : A.1
Ambient temperature : 21°C
Relative humidity : 60%
Atmospheric pressure : 101kPa

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

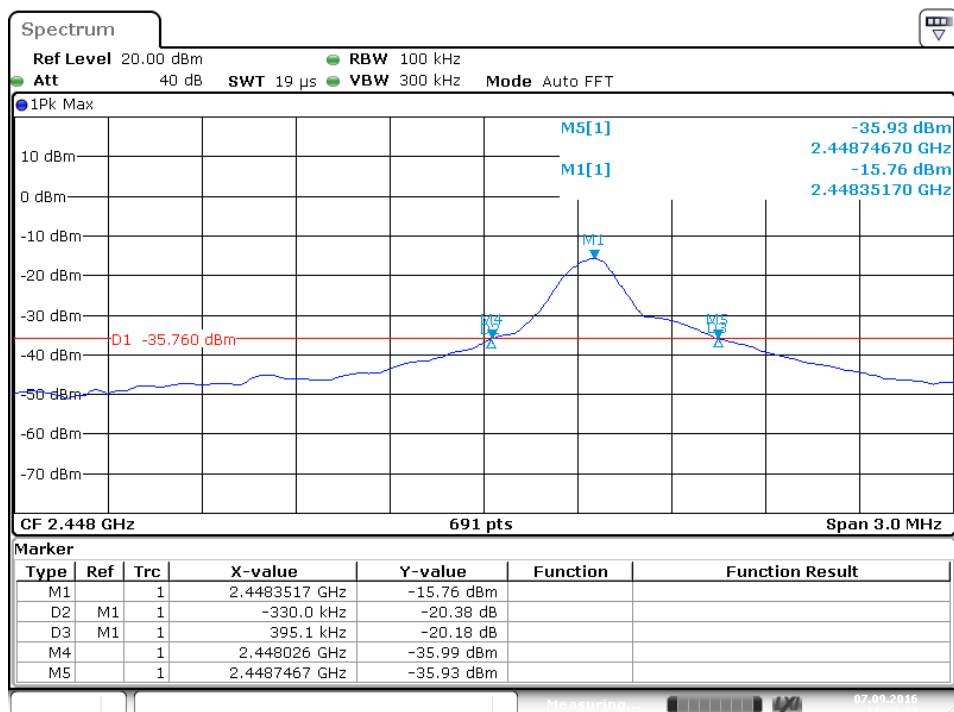
| Channel | Channel Frequency (MHz) | 20dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
|--------------|-------------------------|----------------------|---------------------|
| Low Channel | 2422.999 | 0.729 | 1.211 |
| Mid Channel | 2448.393 | 0.725 | 1.255 |
| High Channel | 2473.987 | 0.695 | 1.242 |

For details refer to following test plot.

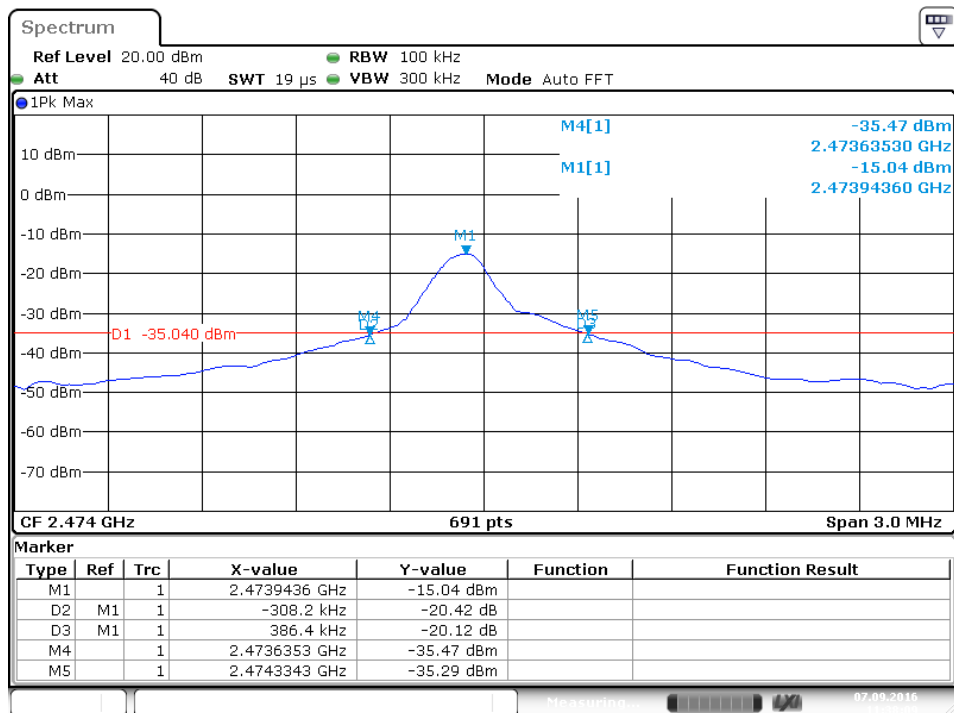
Test Plot of 20dB Bandwidth



Date: 7.SEP.2016 11:42:45

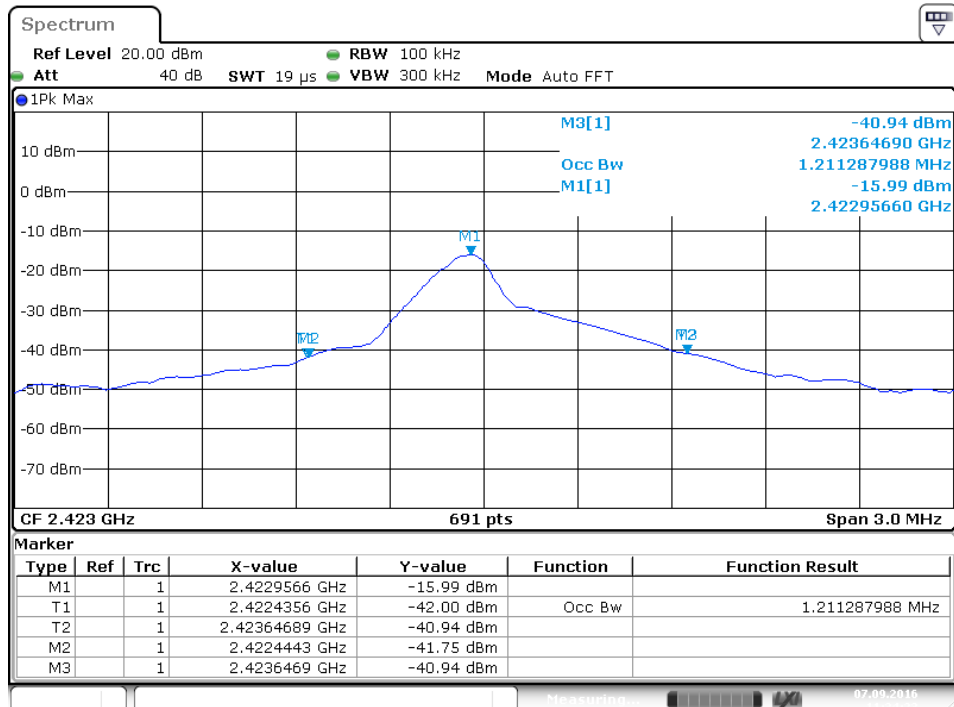


Date: 7.SEP.2016 11:39:37

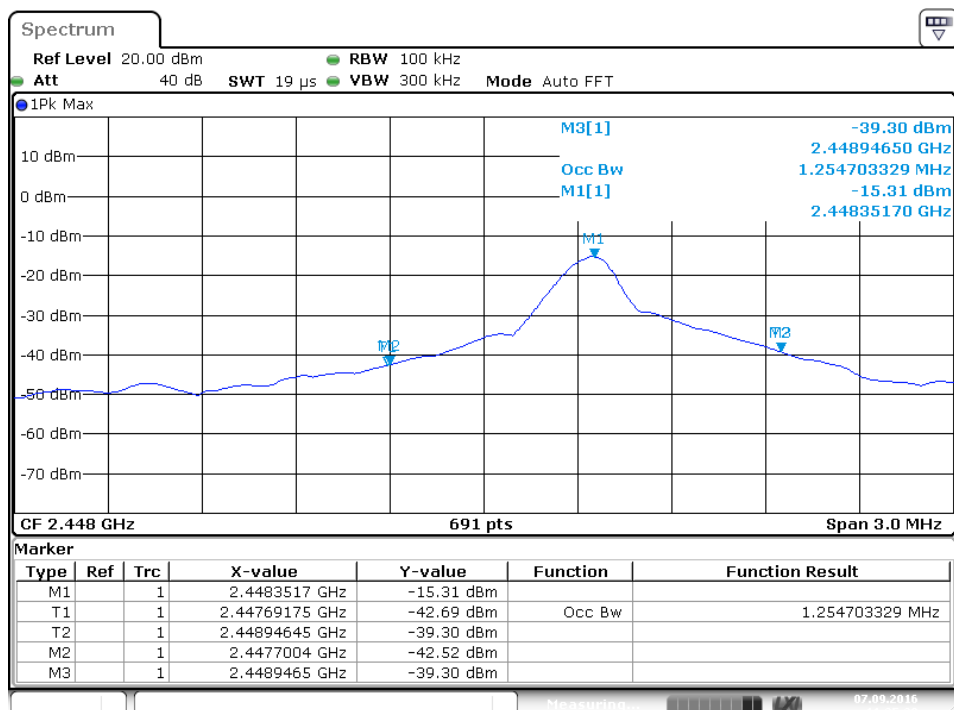


Date: 7.SEP.2016 11:38:09

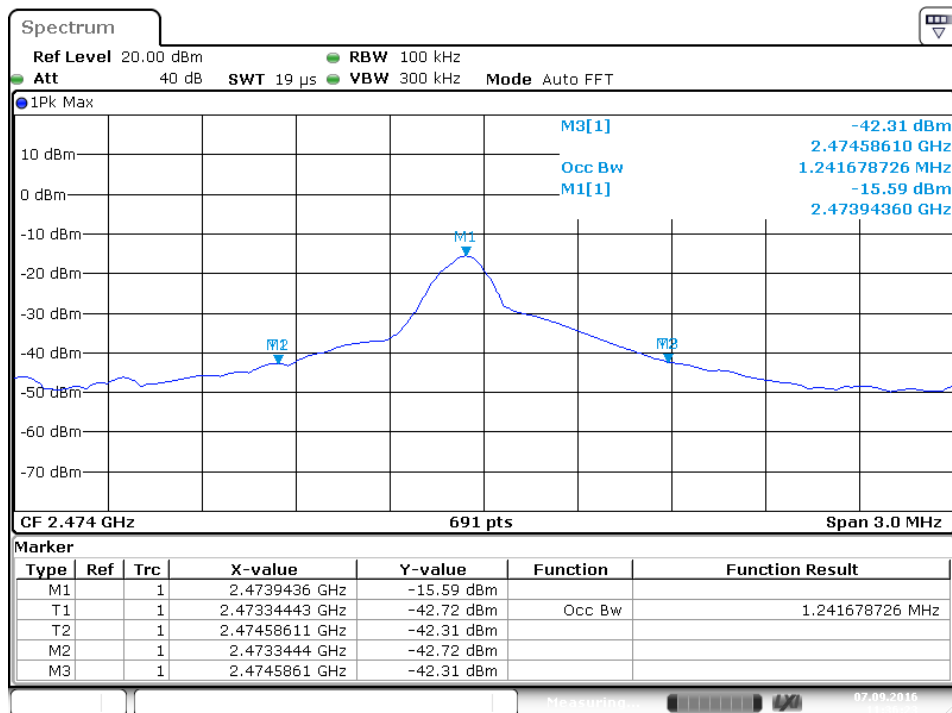
Test Plot of 99% Bandwidth



Date: 7.SEP.2016 11:34:23



Date: 7.SEP.2016 11:35:28



Date: 7.SEP.2016 11:36:23


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.: Igwade #3345

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2422.999MHz

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

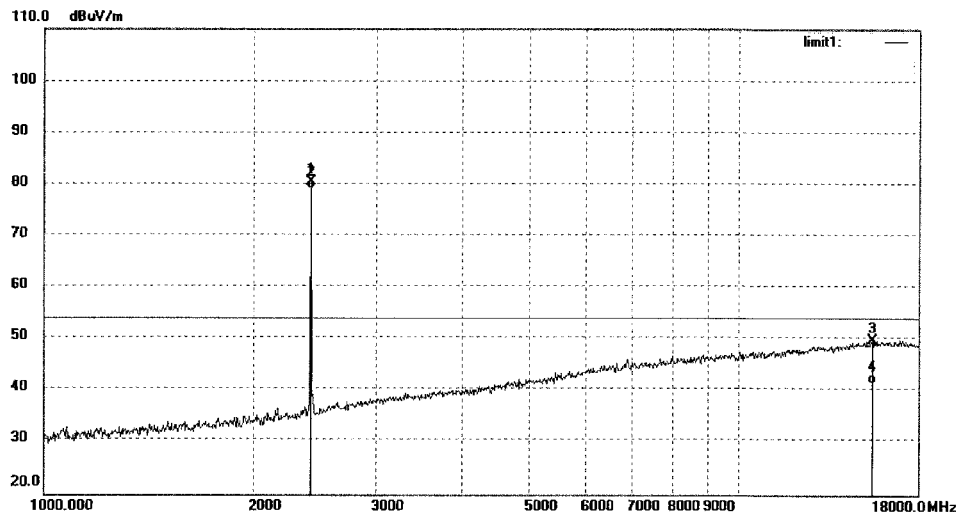
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2422.999 | 87.82 | -7.40 | 80.42 | 114.00 | -33.58 | peak | | | |
| 2 | 2422.999 | 86.52 | -7.40 | 79.12 | 94.00 | -14.88 | AVG | | | |
| 3 | 15443.405 | 9.59 | 40.21 | 49.80 | 74.00 | -24.20 | peak | | | |
| 4 | 15443.405 | 1.18 | 40.21 | 41.39 | 54.00 | -12.61 | AVG | | | |


ACCURATE TECHNOLOGY CO., LTD.

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Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Igwade #3346

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2422.999MHz

Model: MC250

Manufacturer: Limoss

Polarization: Vertical

Power Source: AC 120V/60Hz

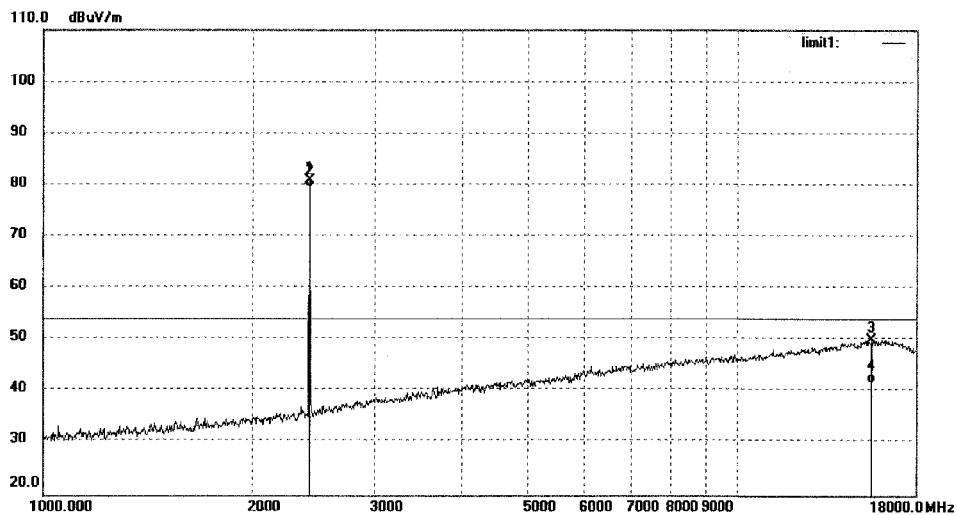
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2422.999 | 88.23 | -7.40 | 80.83 | 114.00 | -33.17 | peak | | | |
| 2 | 2422.999 | 86.93 | -7.40 | 79.53 | 94.00 | -14.47 | AVG | | | |
| 3 | 15532.938 | 9.87 | 40.09 | 49.96 | 74.00 | -24.04 | peak | | | |
| 4 | 15532.938 | 1.58 | 40.09 | 41.67 | 54.00 | -12.33 | 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.: lgwade #3349

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2448.393MHz

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

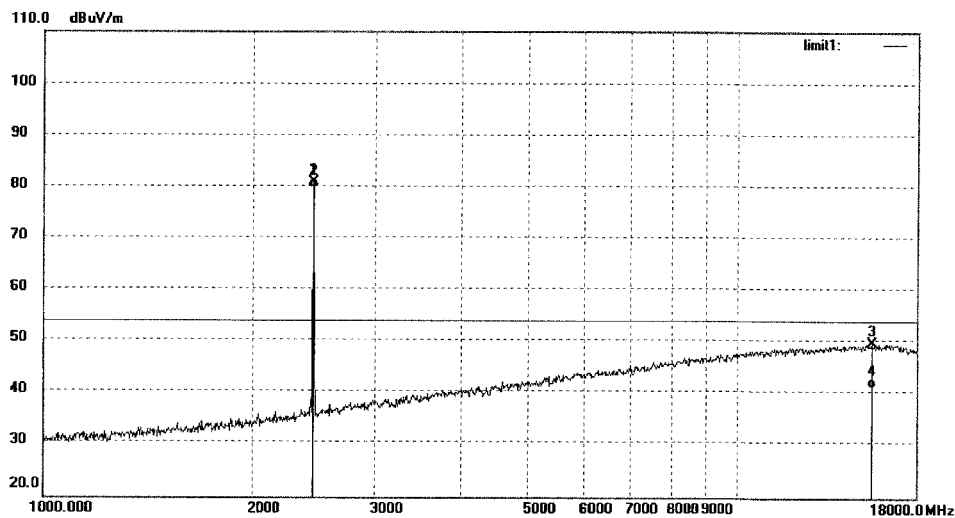
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2448.393 | 88.29 | -7.34 | 80.95 | 114.00 | -33.05 | peak | | | |
| 2 | 2448.393 | 86.99 | -7.34 | 79.65 | 94.00 | -14.35 | AVG | | | |
| 3 | 15488.107 | 9.63 | 40.12 | 49.75 | 74.00 | -24.25 | peak | | | |
| 4 | 15488.107 | 1.15 | 40.12 | 41.27 | 54.00 | -12.73 | 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.: Igwade #3350

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2448.393MHz

Model: MC250

Manufacturer: Limoss

Polarization: Vertical

Power Source: AC 120V/60Hz

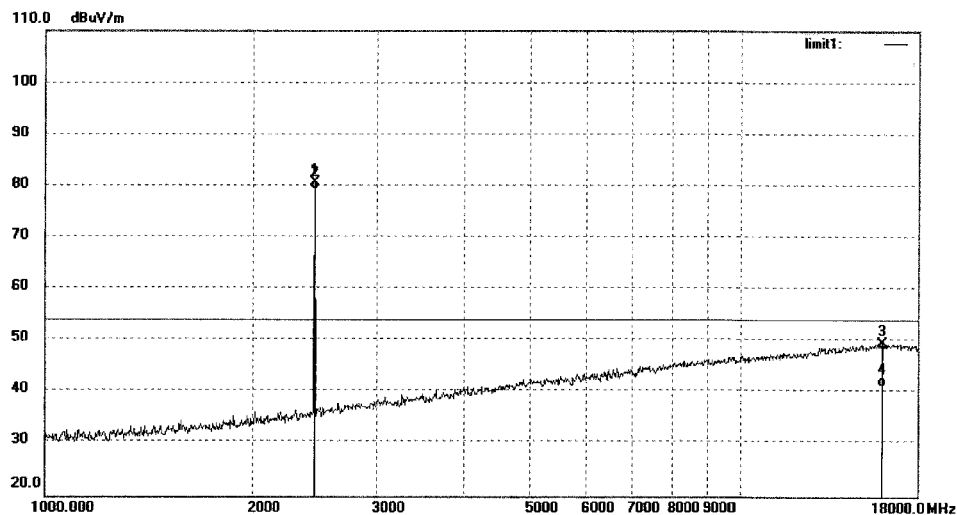
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2448.393 | 87.94 | -7.34 | 80.60 | 114.00 | -33.40 | peak | | | |
| 2 | 2448.393 | 86.64 | -7.34 | 79.30 | 94.00 | -14.70 | AVG | | | |
| 3 | 15988.449 | 9.51 | 40.00 | 49.51 | 74.00 | -24.49 | peak | | | |
| 4 | 15988.449 | 1.24 | 40.00 | 41.24 | 54.00 | -12.76 | 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.: Igwade #3352

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2473.987MHz

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

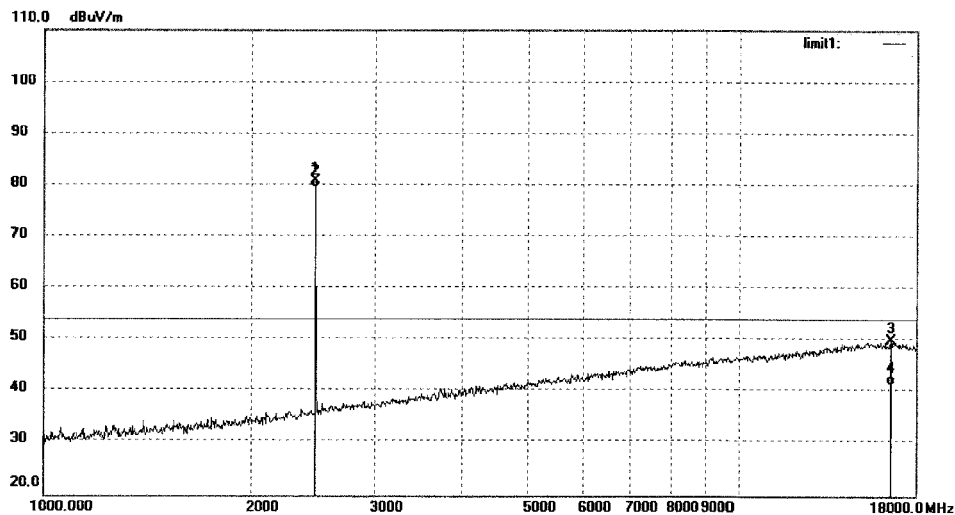
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2473.987 | 88.17 | -7.37 | 80.80 | 114.00 | -33.20 | peak | | | |
| 2 | 2473.987 | 86.87 | -7.37 | 79.50 | 94.00 | -14.50 | AVG | | | |
| 3 | 16552.729 | 9.50 | 40.45 | 49.95 | 74.00 | -24.05 | peak | | | |
| 4 | 16552.729 | 1.09 | 40.45 | 41.54 | 54.00 | -12.46 | 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.: Igwade #3351

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2473.987MHz

Model: MC250

Manufacturer: Limoss

Polarization: Vertical

Power Source: AC 120V/60Hz

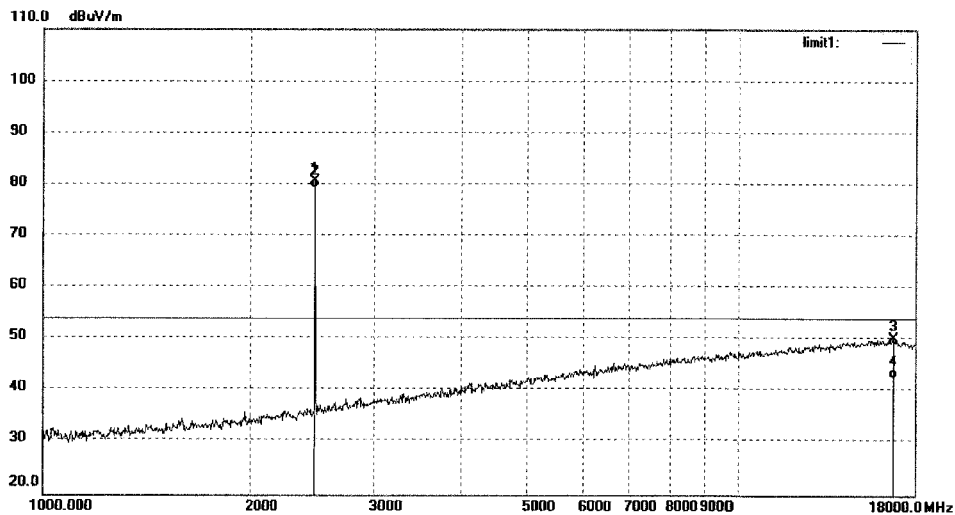
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2473.987 | 87.97 | -7.37 | 80.60 | 114.00 | -33.40 | peak | | | |
| 2 | 2473.987 | 86.67 | -7.37 | 79.30 | 94.00 | -14.70 | AVG | | | |
| 3 | 16745.214 | 9.20 | 40.99 | 50.19 | 74.00 | -23.81 | peak | | | |
| 4 | 16745.214 | 1.58 | 40.99 | 42.57 | 54.00 | -11.43 | AVG | | | |

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

| | | |
|-------------------|---|--|
| Date of testing | : | 2016-09-13 |
| Test standard | : | FCC Part 15.209(a) FCC Part 15.249(d) RSS-210 Clause A2.9(b) |
| Basic standard | : | ANSI C63.10: 2013 |
| Frequency range | : | 0.009 – 26500MHz |
| Limits | : | FCC Part 15.209(a) 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

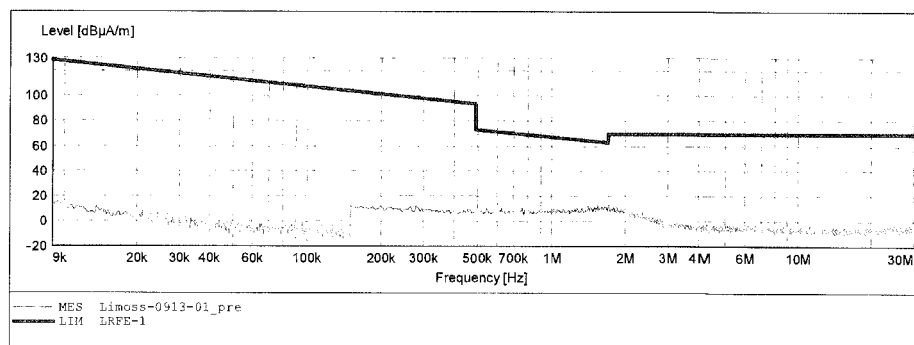
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: 2.4GHz Wireless receiver motor controller box M/N:MC250
 Manufacturer: Limoss
 Operating Condition: TX 2422.999MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-9-13 /

SCAN TABLE: "LFRE Fin"

| Short Description: | | | _SUB STD_VTERM2 1.70 | | | |
|--------------------|---------------------|----------------|----------------------|------------|-----------|------------|
| Start | Stop | Step | Detector | Meas. Time | IF Bandw. | Transducer |
| Frequency 9.0 kHz | Frequency 150.0 kHz | Width 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 |



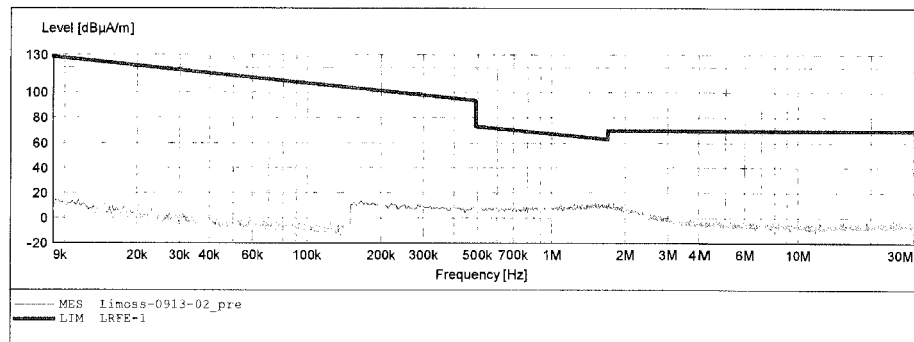
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: 2.4GHz Wireless receiver motor controller box M/N:MC250
 Manufacturer: Limoss
 Operating Condition: TX 2422.999MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2016-9-13 /

SCAN TABLE: "LFRE Fin"

| Short Description: | | | _SUB STD_VTERM2 1.70 | | | |
|--------------------|-----------|----------|----------------------|------------|-----------|------------|
| Start | Stop | Step | Detector | Meas. Time | IF Bandw. | Transducer |
| Frequency | Frequency | 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 |

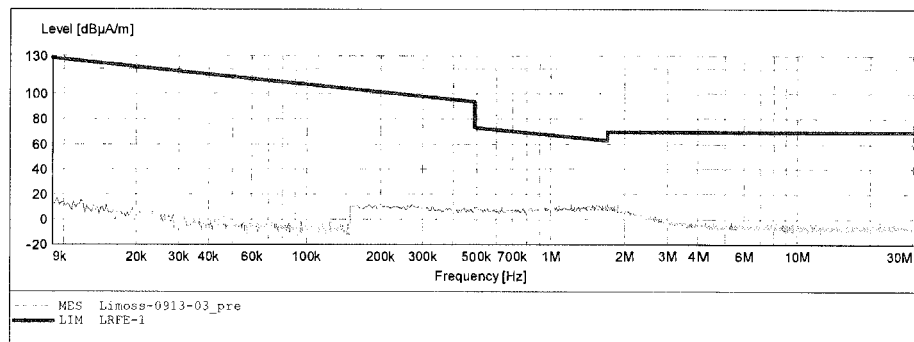


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3M Radiated

EUT: 2.4GHz Wireless receiver motor controller box M/N:MC250
 Manufacturer: Limoss
 Operating Condition: TX 2422.999MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2016-9-13 /

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 |

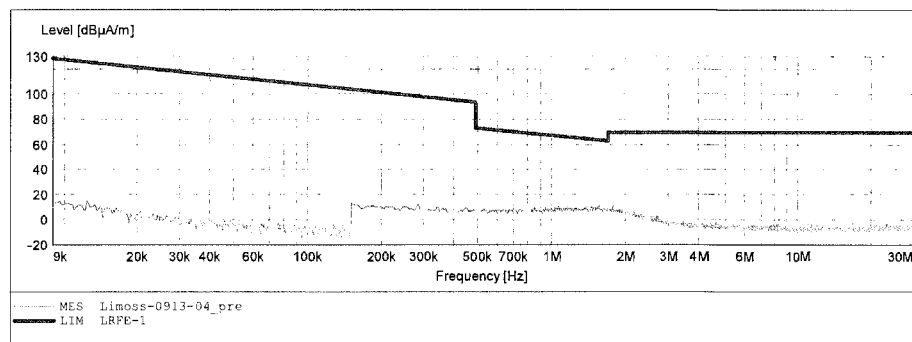


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3M Radiated

EUT: 2.4GHz Wireless receiver motor controller box M/N:MC250
 Manufacturer: Limoss
 Operating Condition: TX 2448.393MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-9-13 /

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 |

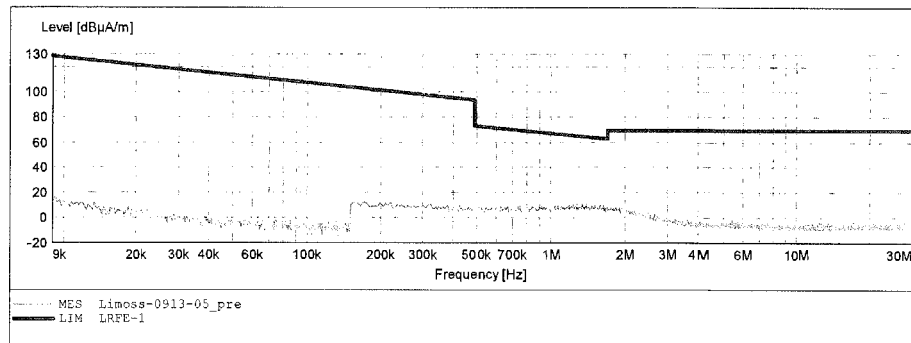


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3M Radiated

EUT: 2.4GHz Wireless receiver motor controller box M/N:MC250
 Manufacturer: Limoss
 Operating Condition: TX 2448.393MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2016-9-13 /

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 |



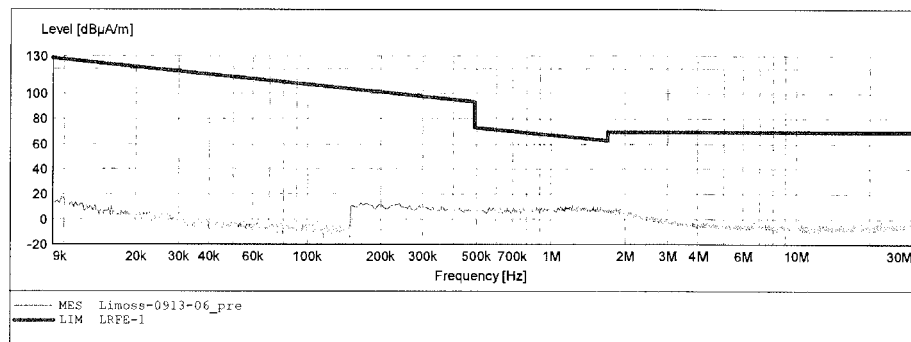
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: 2.4GHz Wireless receiver motor controller box M/N:MC250
 Manufacturer: Limoss
 Operating Condition: TX 2448.393MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2016-9-13 /

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 |

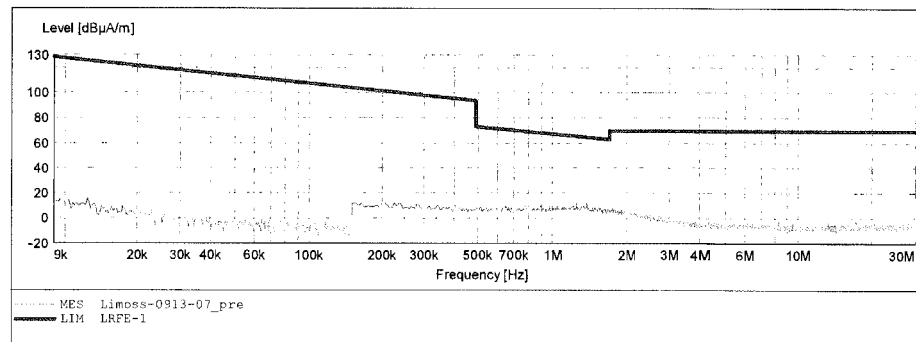


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3M Radiated

EUT: 2.4GHz Wireless receiver motor controller box M/N:MC250
 Manufacturer: Limoss
 Operating Condition: TX 2473.987MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-9-13 /

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 |

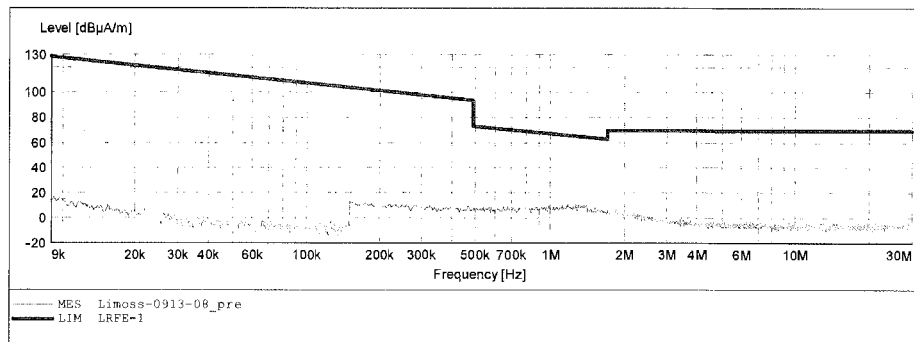


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3M Radiated

EUT: 2.4GHz Wireless receiver motor controller box M/N:MC250
 Manufacturer: Limoss
 Operating Condition: TX 2473.987MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2016-9-13 /

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 |



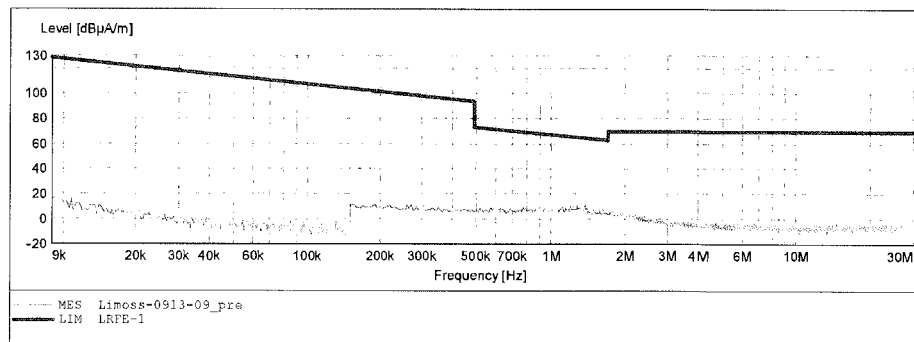
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: 2.4GHz Wireless receiver motor controller box M/N:MC250
 Manufacturer: Limoss
 Operating Condition: TX 2473.987MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: 2
 Start of Test: 2016-9-13 /

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 |




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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: Igwade #3384

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2422.999MHz

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

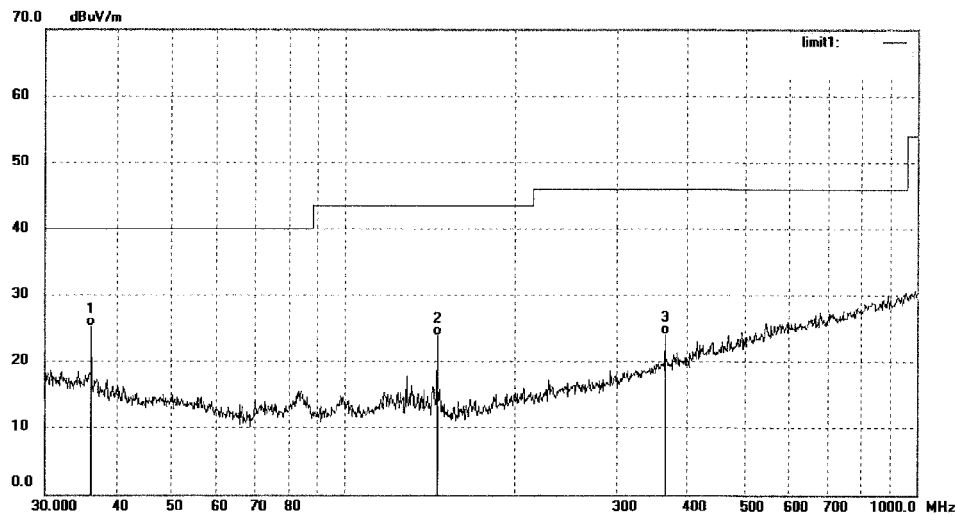
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 36.1272 | 36.05 | -10.68 | 25.37 | 40.00 | -14.63 | QP | | | |
| 2 | 146.3735 | 39.09 | -15.21 | 23.88 | 43.50 | -19.62 | QP | | | |
| 3 | 364.2595 | 31.71 | -7.57 | 24.14 | 46.00 | -21.86 | QP | | | |


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Fax:+86-0755-26503396

Job No.: Igwade #3383

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2422.999MHz

Model: MC250

Manufacturer: Limoss

Polarization: Vertical

Power Source: AC 120V/60Hz

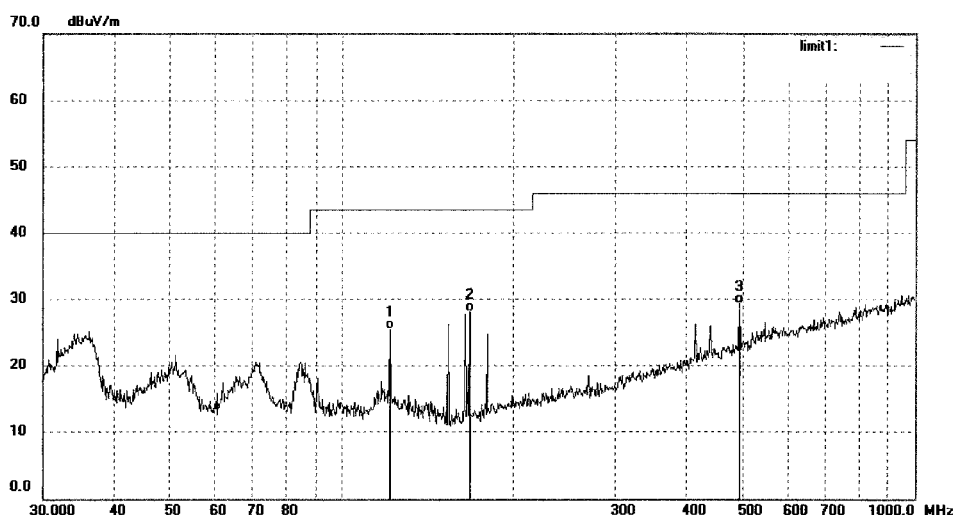
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 121.5485 | 38.81 | -13.32 | 25.49 | 43.50 | -18.01 | QP | | | |
| 2 | 168.4138 | 42.00 | -13.93 | 28.07 | 43.50 | -15.43 | QP | | | |
| 3 | 494.1983 | 34.46 | -5.06 | 29.40 | 46.00 | -16.60 | QP | | | |


ACCURATE TECHNOLOGY CO., LTD.

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Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: Igwade #3385

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2448.393MHz

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

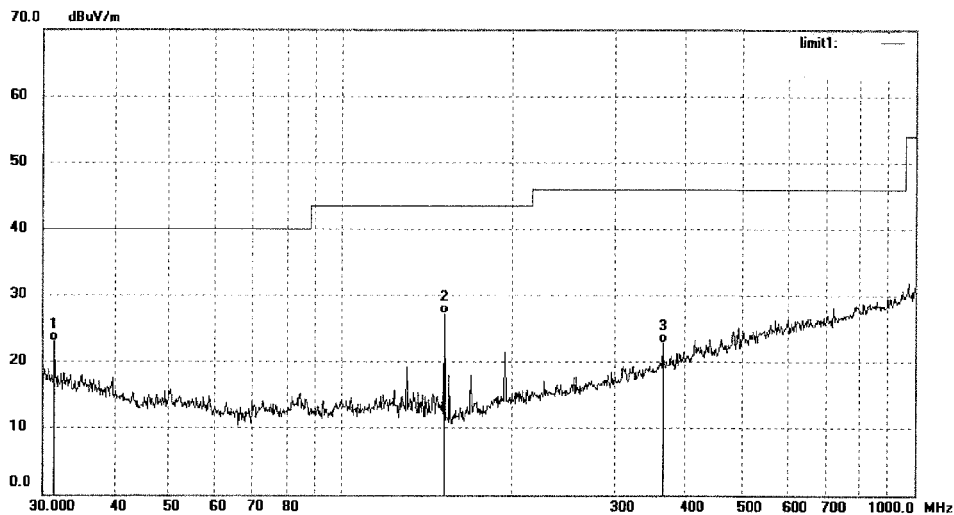
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 31.3992 | 33.11 | -10.06 | 23.05 | 40.00 | -16.95 | QP | | | |
| 2 | 152.1297 | 42.38 | -15.14 | 27.24 | 43.50 | -16.26 | QP | | | |
| 3 | 364.2595 | 30.36 | -7.57 | 22.79 | 46.00 | -23.21 | QP | | | |


ACCURATE TECHNOLOGY CO., LTD.

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #3386

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2448.393MHz

Model: MC250

Manufacturer: Limoss

Polarization: Vertical

Power Source: AC 120V/60Hz

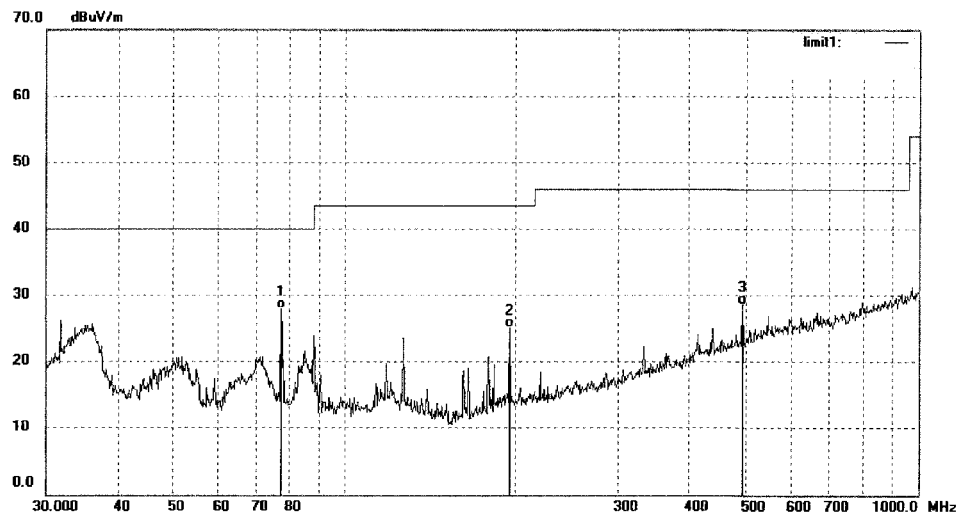
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 77.3212 | 44.58 | -16.65 | 27.93 | 40.00 | -12.07 | QP | | | |
| 2 | 195.1365 | 37.55 | -12.47 | 25.08 | 43.50 | -18.42 | QP | | | |
| 3 | 494.1983 | 33.67 | -5.06 | 28.61 | 46.00 | -17.39 | QP | | | |


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Site: 2# Chamber

Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Igwade #3388

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2473.987MHz

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

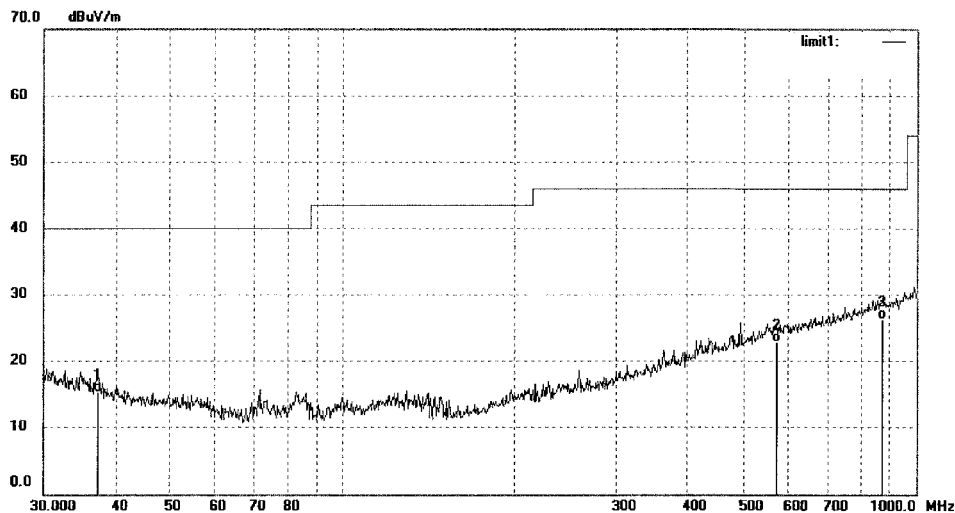
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 37.2854 | 26.32 | -10.93 | 15.39 | 40.00 | -24.61 | QP | | | |
| 2 | 572.6144 | 26.04 | -3.25 | 22.79 | 46.00 | -23.21 | QP | | | |
| 3 | 872.1832 | 25.35 | 1.07 | 26.42 | 46.00 | -19.58 | QP | | | |


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Fax:+86-0755-26503396

Job No.: Igwade #3387

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2473.987MHz

Model: MC250

Manufacturer: Limoss

Polarization: Vertical

Power Source: AC 120V/60Hz

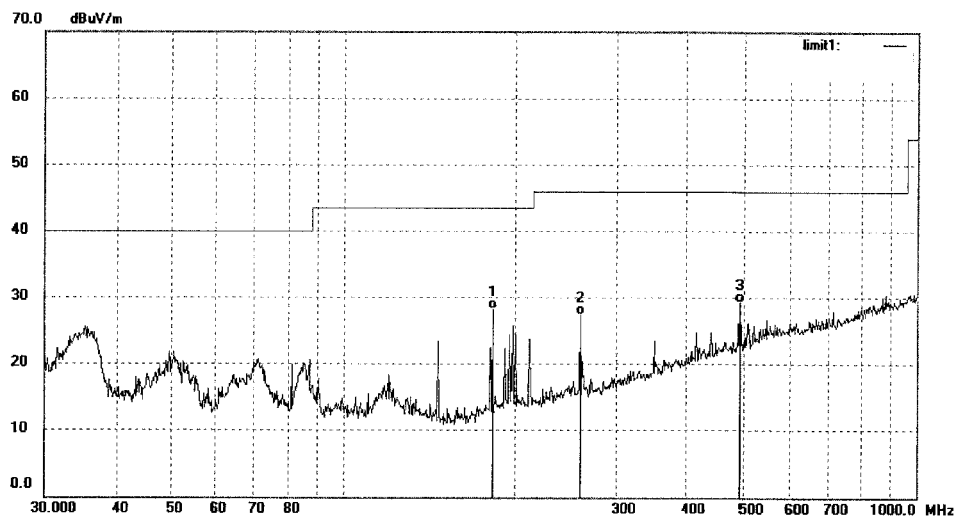
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 183.2005 | 41.32 | -12.99 | 28.33 | 43.50 | -15.17 | QP | | | |
| 2 | 259.2337 | 38.19 | -10.73 | 27.46 | 46.00 | -18.54 | QP | | | |
| 3 | 494.1983 | 34.33 | -5.06 | 29.27 | 46.00 | -16.73 | QP | | | |


ACCURATE TECHNOLOGY CO., LTD.

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Site: 2# Chamber

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Job No.: Igwade #3345

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2422.999MHz

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

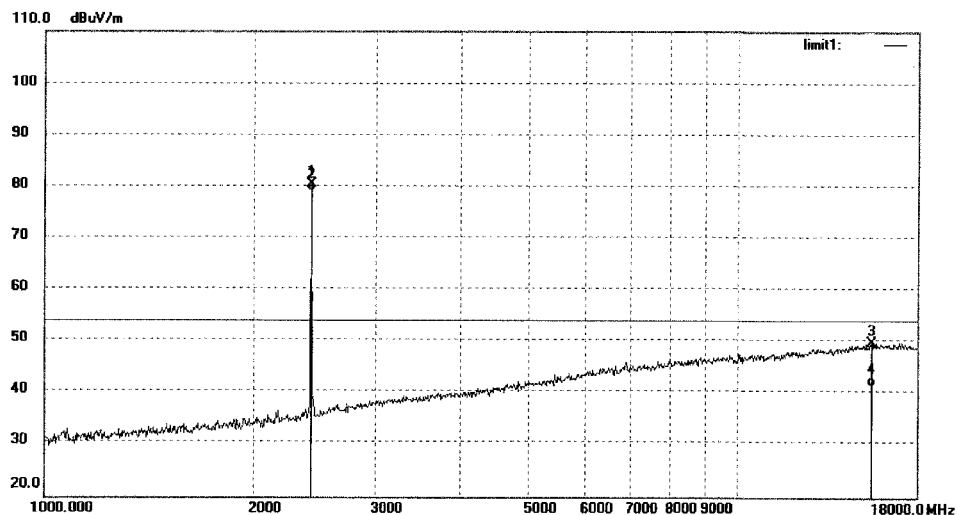
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2422.999 | 87.82 | -7.40 | 80.42 | 114.00 | -33.58 | peak | | | |
| 2 | 2422.999 | 86.52 | -7.40 | 79.12 | 94.00 | -14.88 | AVG | | | |
| 3 | 15443.405 | 9.59 | 40.21 | 49.80 | 74.00 | -24.20 | peak | | | |
| 4 | 15443.405 | 1.18 | 40.21 | 41.39 | 54.00 | -12.61 | AVG | | | |


ACCURATE TECHNOLOGY CO., LTD.

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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: Igwade #3346

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2422.999MHz

Model: MC250

Manufacturer: Limoss

Polarization: Vertical

Power Source: AC 120V/60Hz

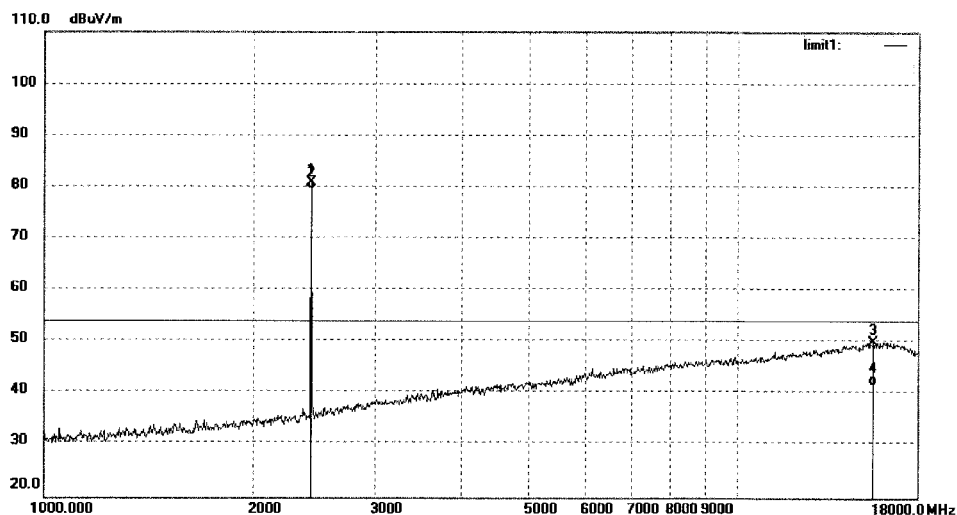
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2422.999 | 88.23 | -7.40 | 80.83 | 114.00 | -33.17 | peak | | | |
| 2 | 2422.999 | 86.93 | -7.40 | 79.53 | 94.00 | -14.47 | AVG | | | |
| 3 | 15532.938 | 9.87 | 40.09 | 49.96 | 74.00 | -24.04 | peak | | | |
| 4 | 15532.938 | 1.58 | 40.09 | 41.67 | 54.00 | -12.33 | AVG | | | |


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Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Igwade #3349

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2448.393MHz

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

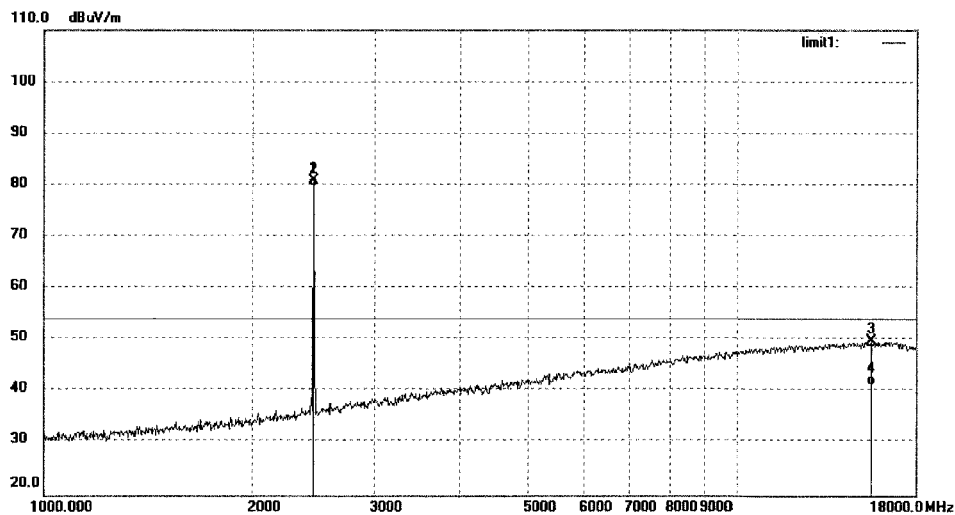
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2448.393 | 88.29 | -7.34 | 80.95 | 114.00 | -33.05 | peak | | | |
| 2 | 2448.393 | 86.99 | -7.34 | 79.65 | 94.00 | -14.35 | AVG | | | |
| 3 | 15488.107 | 9.63 | 40.12 | 49.75 | 74.00 | -24.25 | peak | | | |
| 4 | 15488.107 | 1.15 | 40.12 | 41.27 | 54.00 | -12.73 | AVG | | | |


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #3350

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2448.393MHz

Model: MC250

Manufacturer: Limoss

Polarization: Vertical

Power Source: AC 120V/60Hz

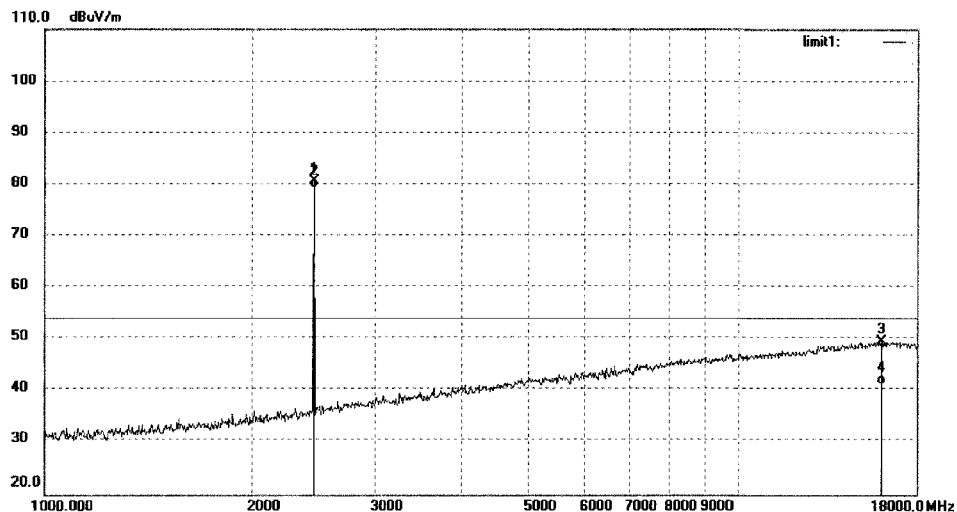
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2448.393 | 87.94 | -7.34 | 80.60 | 114.00 | -33.40 | peak | | | |
| 2 | 2448.393 | 86.64 | -7.34 | 79.30 | 94.00 | -14.70 | AVG | | | |
| 3 | 15988.449 | 9.51 | 40.00 | 49.51 | 74.00 | -24.49 | peak | | | |
| 4 | 15988.449 | 1.24 | 40.00 | 41.24 | 54.00 | -12.76 | AVG | | | |


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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: Igwade #3352

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2473.987MHz

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

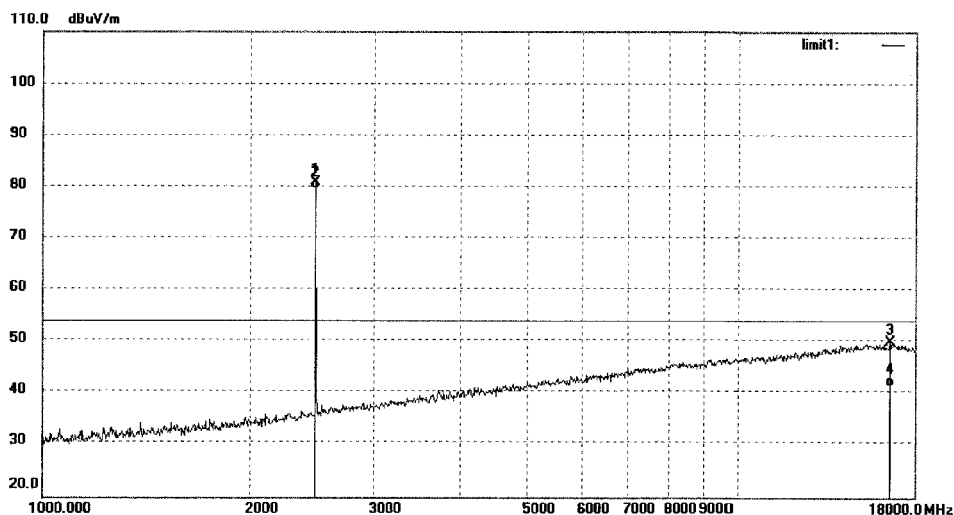
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2473.987 | 88.17 | -7.37 | 80.80 | 114.00 | -33.20 | peak | | | |
| 2 | 2473.987 | 86.87 | -7.37 | 79.50 | 94.00 | -14.50 | AVG | | | |
| 3 | 16552.729 | 9.50 | 40.45 | 49.95 | 74.00 | -24.05 | peak | | | |
| 4 | 16552.729 | 1.09 | 40.45 | 41.54 | 54.00 | -12.46 | AVG | | | |


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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: Igwade #3351

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2473.987MHz

Model: MC250

Manufacturer: Limoss

Polarization: Vertical

Power Source: AC 120V/60Hz

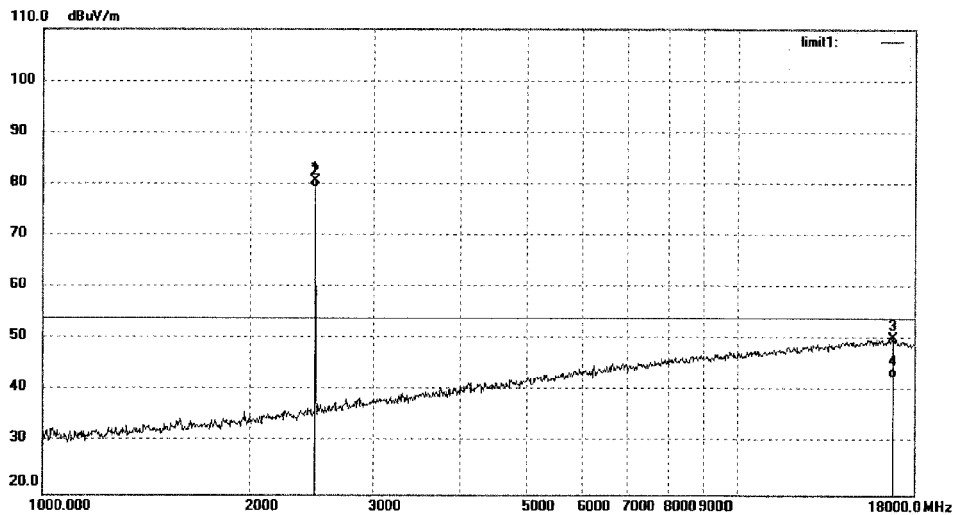
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2473.987 | 87.97 | -7.37 | 80.60 | 114.00 | -33.40 | peak | | | |
| 2 | 2473.987 | 86.67 | -7.37 | 79.30 | 94.00 | -14.70 | AVG | | | |
| 3 | 16745.214 | 9.20 | 40.99 | 50.19 | 74.00 | -23.81 | peak | | | |
| 4 | 16745.214 | 1.58 | 40.99 | 42.57 | 54.00 | -11.43 | AVG | | | |


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

Job No.: Igwade #3356

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2422.999MHz

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

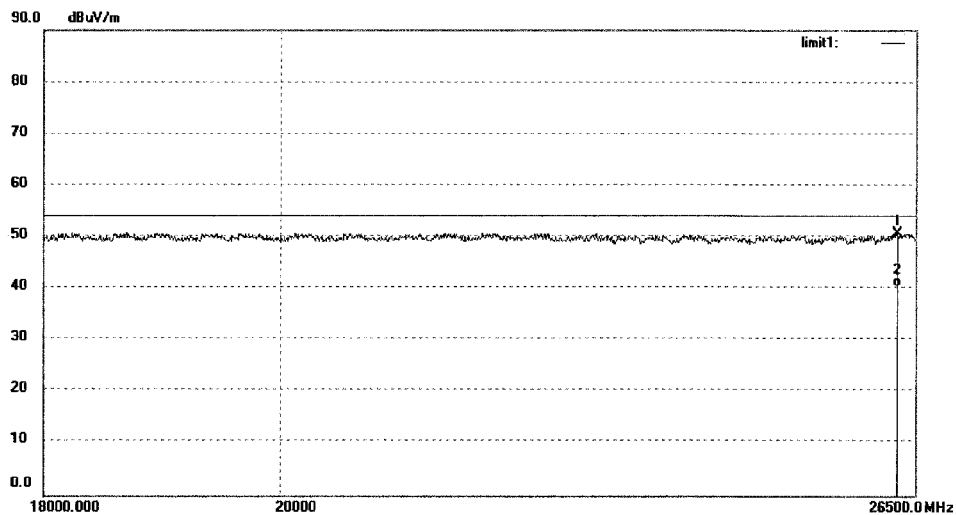
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 26285.633 | 34.22 | 16.50 | 50.72 | 74.00 | -23.28 | peak | | | |
| 2 | 26285.633 | 23.84 | 16.50 | 40.34 | 54.00 | -13.66 | AVG | | | |


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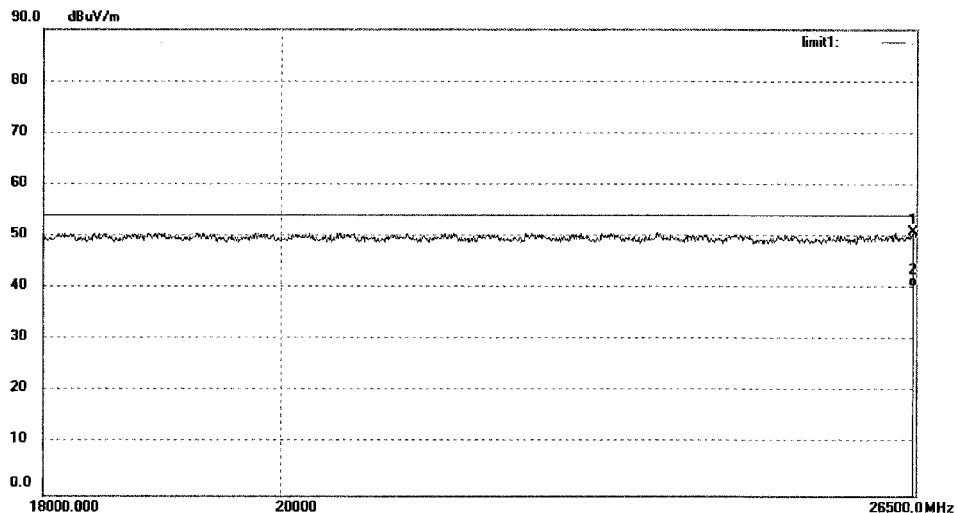
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

| | |
|--|----------------------------|
| Job No.: Igwade #3355 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 16/09/06/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 2.4GHz Wireless receiver motor controller box | Engineer Signature: LGWADE |
| Mode: TX 2422.999MHz | Distance: 3m |
| Model: MC250 | |
| Manufacturer: Limoss | |

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1 | 26469.269 | 34.06 | 16.92 | 50.98 | 74.00 | -23.02 | peak | | | |
| 2 | 26469.269 | 23.45 | 16.92 | 40.37 | 54.00 | -13.63 | AVG | | | |


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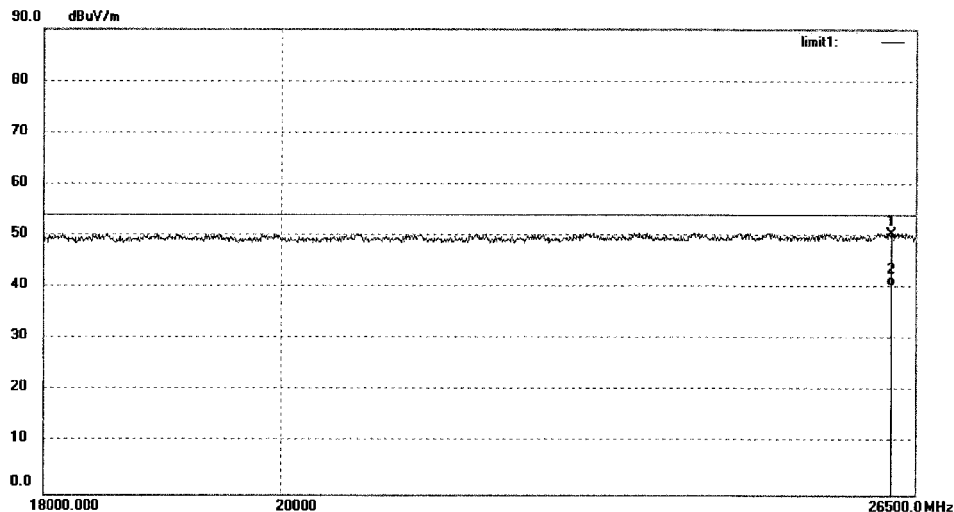
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

| | |
|--|----------------------------|
| Job No.: lgwade #3357 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 16/09/06/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 2.4GHz Wireless receiver motor controller box | Engineer Signature: LGWADE |
| Mode: TX 2448.393MHz | Distance: 3m |
| Model: MC250 | |
| Manufacturer: Limoss | |

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1 | 26214.563 | 34.09 | 16.50 | 50.59 | 74.00 | -23.41 | peak | | | |
| 2 | 26214.563 | 23.82 | 16.50 | 40.32 | 54.00 | -13.68 | AVG | | | |


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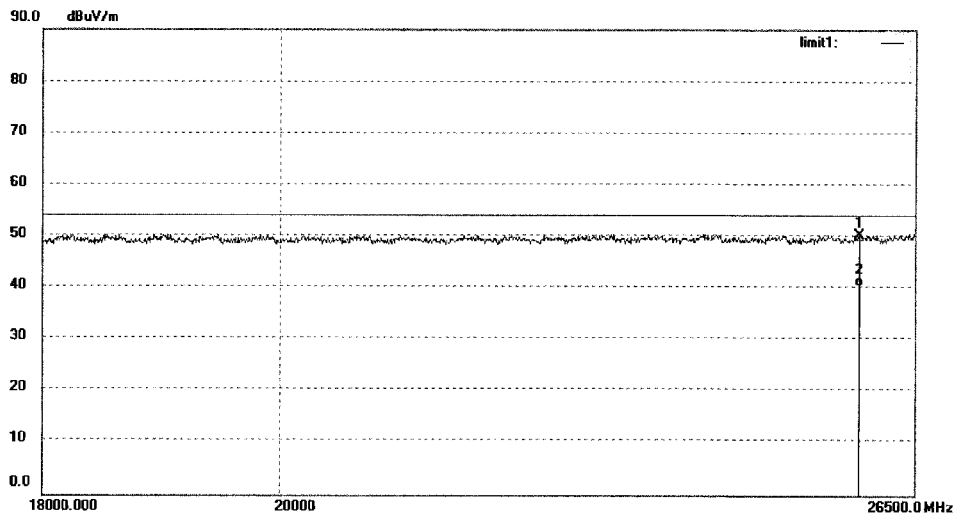
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290
Fax:+86-0755-26503396

| | |
|--|----------------------------|
| Job No.: lgwade #3358 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 16/09/06/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 2.4GHz Wireless receiver motor controller box | Engineer Signature: LGWADE |
| Mode: TX 2448.393MHz | Distance: 3m |
| Model: MC250 | |
| Manufacturer: Limoss | |

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1 | 25852.085 | 32.88 | 17.33 | 50.21 | 74.00 | -23.79 | peak | | | |
| 2 | 25852.085 | 23.03 | 17.33 | 40.36 | 54.00 | -13.64 | AVG | | | |


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Site: 2# Chamber

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Fax: +86-0755-26503396

Job No.: lgwade #3360

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2473.987MHz

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

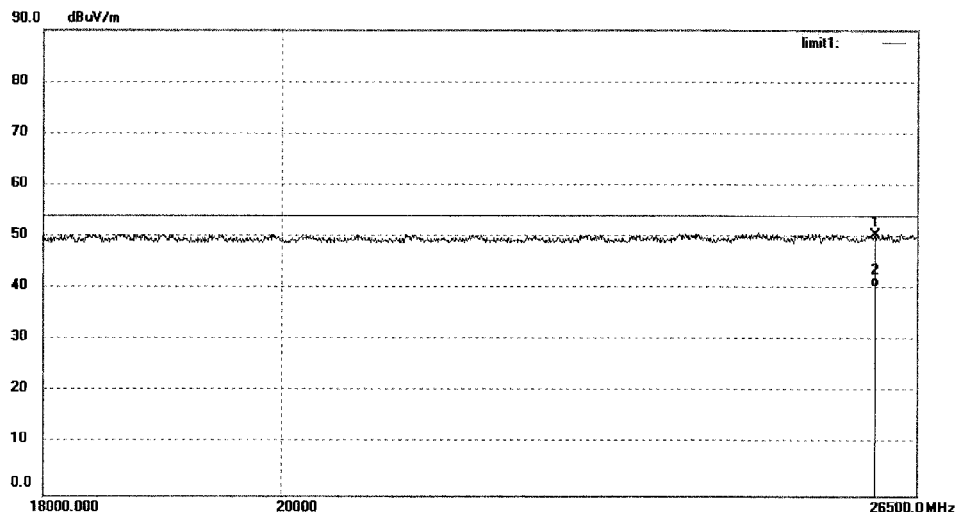
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 26012.563 | 33.98 | 16.50 | 50.48 | 74.00 | -23.52 | peak | | | |
| 2 | 26012.563 | 23.84 | 16.50 | 40.34 | 54.00 | -13.66 | AVG | | | |

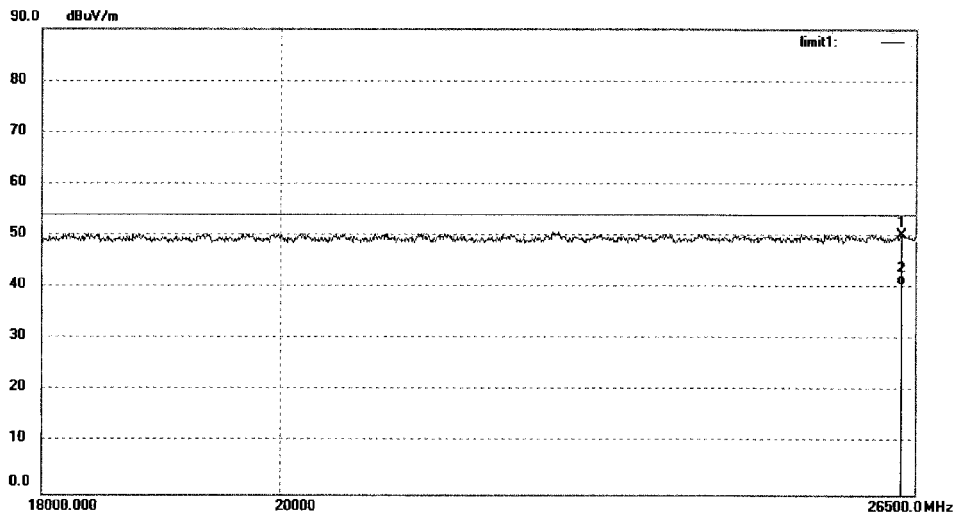

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

| | |
|--|----------------------------|
| Job No.: lgwade #3359 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 16/09/06/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 2.4GHz Wireless receiver motor controller box | Engineer Signature: LGWADE |
| Mode: TX 2473.987MHz | Distance: 3m |
| Model: MC250 | |
| Manufacturer: Limoss | |

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1 | 26336.515 | 33.21 | 17.01 | 50.22 | 74.00 | -23.78 | peak | | | |
| 2 | 26336.515 | 23.70 | 17.01 | 40.71 | 54.00 | -13.29 | AVG | | | |

Test Plot of Frequency Band Edge


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Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Igwade #3348

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2422.999MHz

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

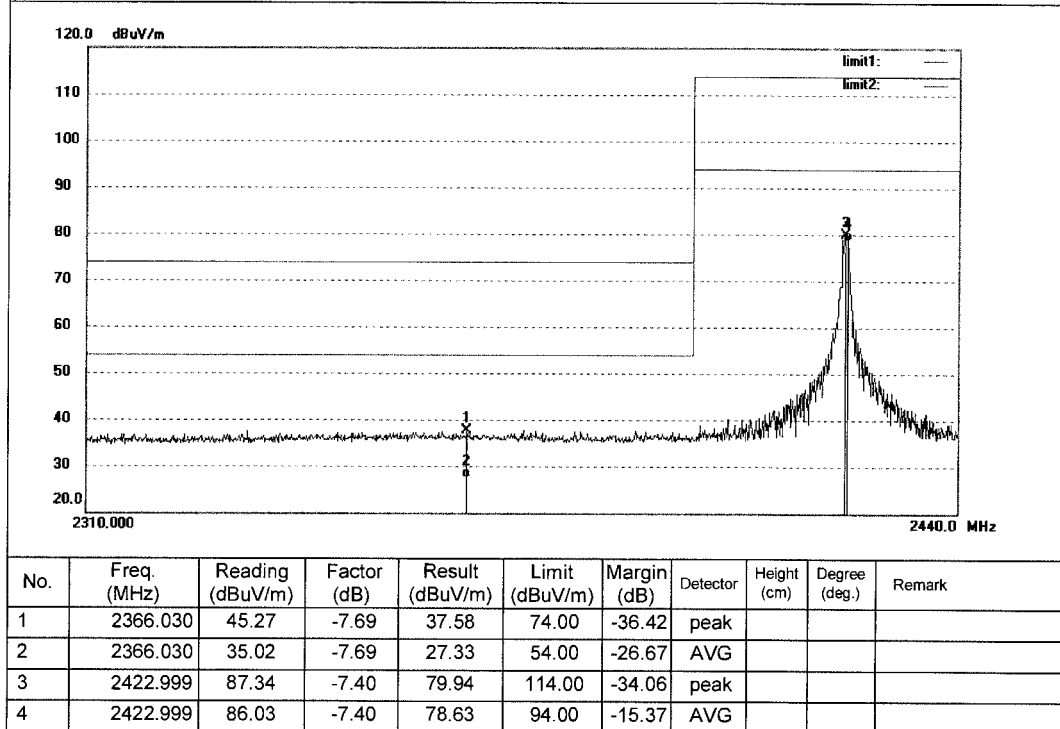
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

Distance: 3m

Note:




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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #3347

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2422.999MHz

Model: MC250

Manufacturer: Limoss

Polarization: Vertical

Power Source: AC 120V/60Hz

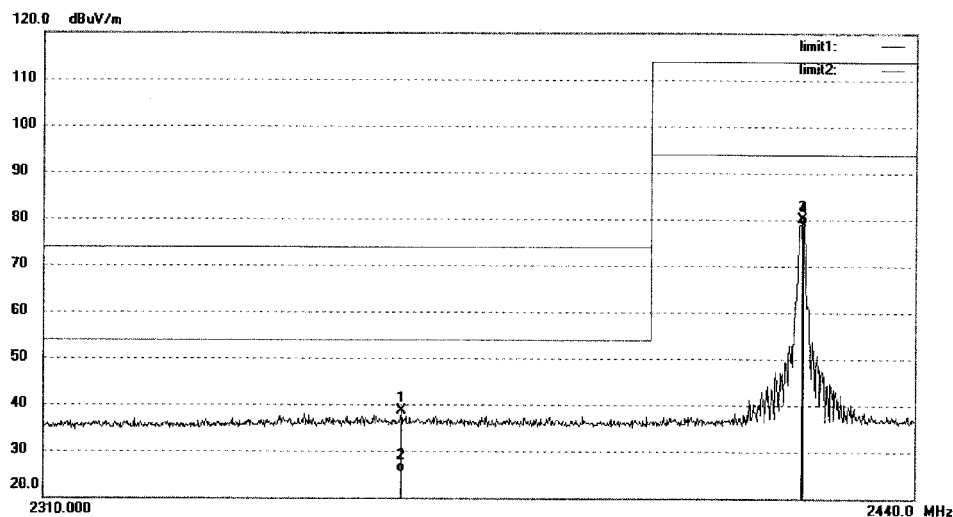
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2362.650 | 46.22 | -7.71 | 38.51 | 74.00 | -35.49 | peak | | | |
| 2 | 2362.650 | 33.12 | -7.71 | 25.41 | 54.00 | -28.59 | AVG | | | |
| 3 | 2422.999 | 87.65 | -7.40 | 80.25 | 114.00 | -33.75 | peak | | | |
| 4 | 2422.999 | 86.35 | -7.40 | 78.95 | 94.00 | -15.05 | AVG | | | |


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Site: 2# Chamber

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Job No.: Igwade #3353

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2473.987MHz

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

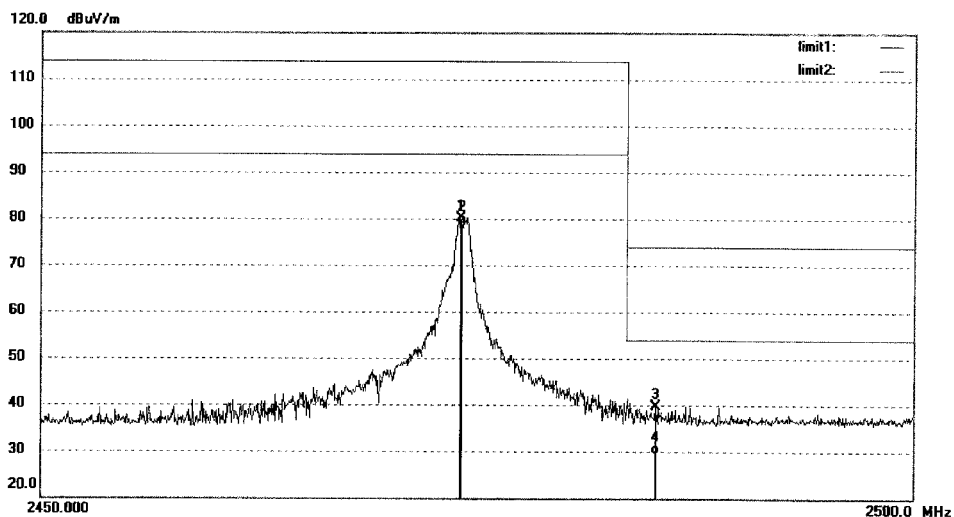
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2473.987 | 87.60 | -7.37 | 80.23 | 114.00 | -33.77 | peak | | | |
| 2 | 2473.987 | 86.30 | -7.37 | 78.93 | 94.00 | -15.07 | AVG | | | |
| 3 | 2485.200 | 47.03 | -7.38 | 39.65 | 74.00 | -34.35 | peak | | | |
| 4 | 2485.200 | 36.79 | -7.38 | 29.41 | 54.00 | -24.59 | AVG | | | |


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Site: 2# Chamber

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Job No.: Igwade #3354

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: TX 2473.987MHz

Model: MC250

Manufacturer: Limoss

Polarization: Vertical

Power Source: AC 120V/60Hz

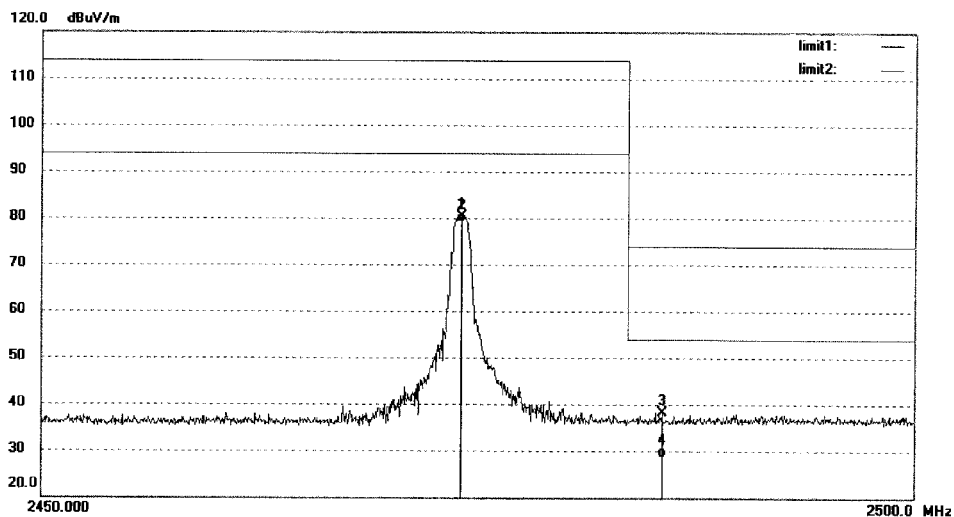
Date: 16/09/06/

Time:

Engineer Signature: LGWADE

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 | 2473.987 | 87.79 | -7.37 | 80.42 | 114.00 | -33.58 | peak | | | |
| 2 | 2473.987 | 86.49 | -7.37 | 79.12 | 94.00 | -14.88 | AVG | | | |
| 3 | 2485.500 | 45.43 | -7.38 | 38.05 | 74.00 | -35.95 | peak | | | |
| 4 | 2485.500 | 35.98 | -7.38 | 28.60 | 54.00 | -25.40 | AVG | | | |

Prüfbericht - Nr.: 50058255 001

Test Report No.

Seite 57 von 71

Page 57 of 71

5.1.5 Conducted emissions**RESULT:****Pass**

| | | |
|-------------------|---|---|
| Date of testing | : | 2016-09-20 |
| Test standard | : | FCC Part 15.107 (a) FCC Part 15.207 RSS-Gen Clause 8.8 ICES-003 Issue 6 January 2016 |
| Basic standard | : | ANSI C63.10: 2013 ANSI C63.4: 2014 |
| 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, B |
| Earthing | : | Not Connected |
| Ambient temperature | : | 22°C |
| Relative humidity | : | 55% |
| Atmospheric pressure | : | 101kPa |

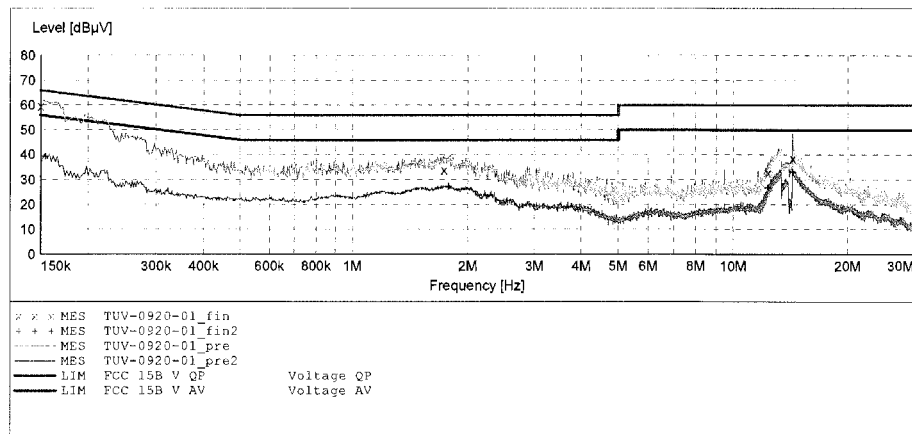
For details refer to following test plot.

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

EUT: 2.4GHz Wireless receiver motor controller box M/N:MC250
 Manufacturer: Limoss
 Operating Condition: Transmitting
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 2016-9-20 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)
 Average


MEASUREMENT RESULT: "TUV-0920-01_fin"

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.150000 | 59.60 | 10.3 | 66 | 6.4 | QP | L1 | GND |
| 1.734000 | 33.90 | 11.6 | 56 | 22.1 | QP | L1 | GND |
| 12.332000 | 32.80 | 11.9 | 60 | 27.2 | QP | L1 | GND |
| 14.285000 | 38.60 | 11.9 | 60 | 21.4 | QP | L1 | GND |

MEASUREMENT RESULT: "TUV-0920-01_fin2"

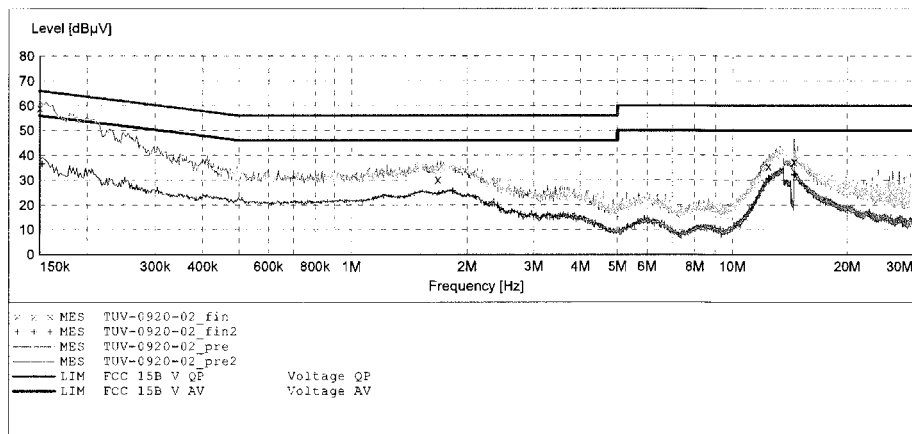
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.154000 | 39.30 | 10.4 | 56 | 16.5 | AV | L1 | GND |
| 1.778000 | 27.20 | 11.7 | 46 | 18.8 | AV | L1 | GND |
| 12.332000 | 26.70 | 11.9 | 50 | 23.3 | AV | L1 | GND |
| 14.294000 | 33.00 | 11.9 | 50 | 17.0 | AV | L1 | GND |

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

EUT: 2.4GHz Wireless receiver motor controller box M/N:MC250
 Manufacturer: Limoss
 Operating Condition: Transmitting
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 2016-9-20 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN(ESH3-Z5)
 Average


MEASUREMENT RESULT: "TUV-0920-02_fin"

| Frequency MHz | Level dBμV | Transd dB | Limit dBμV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.150000 | 59.10 | 10.3 | 66 | 6.9 | QP | N | GND |
| 1.676000 | 30.30 | 11.6 | 56 | 25.7 | QP | N | GND |
| 12.395000 | 35.60 | 11.9 | 60 | 24.4 | QP | N | GND |
| 14.469500 | 37.50 | 11.9 | 60 | 22.5 | QP | N | GND |

MEASUREMENT RESULT: "TUV-0920-02_fin2"

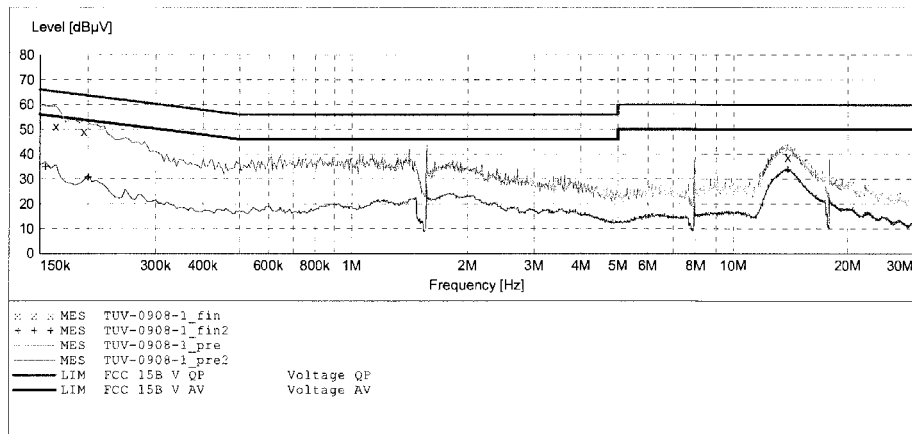
| Frequency MHz | Level dBμV | Transd dB | Limit dBμV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.152000 | 36.50 | 10.4 | 56 | 19.4 | AV | N | GND |
| 1.834000 | 25.50 | 11.7 | 46 | 20.5 | AV | N | GND |
| 12.404000 | 30.60 | 11.9 | 50 | 19.4 | AV | N | GND |
| 14.501000 | 32.10 | 11.9 | 50 | 17.9 | AV | N | GND |

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

EUT: 2.4GHz Wireless receiver motor controller box M/N:MC250
 Manufacturer: Limoss
 Operating Condition: On
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 9/8/2016 /

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-0908-1_fin"

9/8/2016

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.165000 | 51.20 | 10.5 | 65 | 14.0 | QP | L1 | GND |
| 0.195000 | 49.10 | 10.5 | 64 | 14.7 | QP | L1 | GND |
| 13.855000 | 38.90 | 11.4 | 60 | 21.1 | QP | L1 | GND |

MEASUREMENT RESULT: "TUV-0908-1_fin2"

9/8/2016

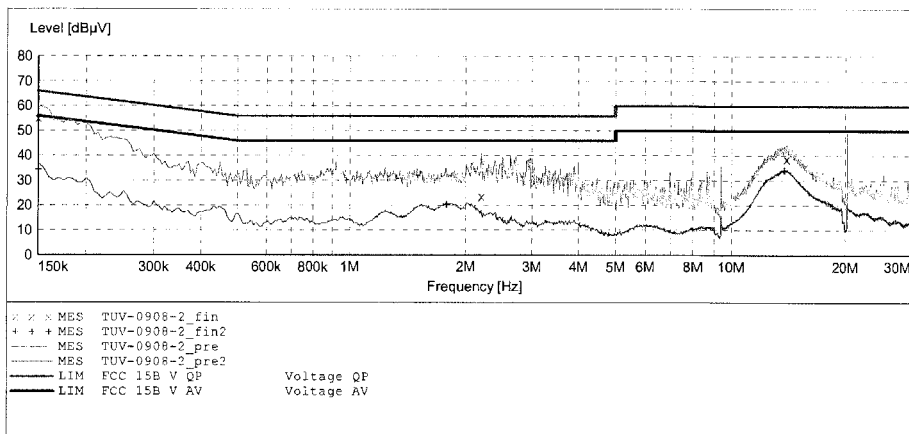
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.155000 | 34.90 | 10.5 | 56 | 20.8 | AV | L1 | GND |
| 0.200000 | 30.70 | 10.5 | 54 | 22.9 | AV | L1 | GND |
| 13.840000 | 33.80 | 11.4 | 50 | 16.2 | AV | L1 | GND |

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

EUT: 2.4GHz Wireless receiver motor controller box M/N:MC250
 Manufacturer: Limoss
 Operating Condition: On
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 9/8/2016 /

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-0908-2_fin"

| Frequency MHz | Level dBμV | Transd dB | Limit dBμV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.150000 | 55.20 | 10.5 | 66 | 10.8 | QP | N | GND |
| 2.200000 | 23.50 | 11.0 | 56 | 32.5 | QP | N | GND |
| 13.900000 | 38.80 | 11.4 | 60 | 21.2 | QP | N | GND |

MEASUREMENT RESULT: "TUV-0908-2_fin2"

| Frequency MHz | Level dBμV | Transd dB | Limit dBμV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.150000 | 34.30 | 10.5 | 56 | 21.7 | AV | N | GND |
| 1.780000 | 20.30 | 11.0 | 46 | 25.7 | AV | N | GND |
| 13.720000 | 34.00 | 11.3 | 50 | 16.0 | AV | N | GND |

Prüfbericht - Nr.: 50058255 001

Test Report No.

Seite 62 von 71

Page 62 of 71

5.1.6 Radiated Emission

RESULT:**Pass**

| | | |
|--------------------------|---|--|
| Date of testing | : | 2016-09-19 |
| Test standard | : | FCC Part 15.109 (a) ICES-003 Issue 6 January 2016 |
| Test procedure | : | ANSI C63.4: 2014 |
| Frequency range | : | 30 - 6000MHz |
| Equipment Classification | : | Class B |
| Limits | : | FCC Part 15.109(a) ICES-003 Issue 6 January 2016 |
| Kind of test site | : | 3m Semi-Anechoic Chamber |

Test setup

| | | |
|----------------------|---|---------------|
| Input Voltage | : | AC 120V, 60Hz |
| Operation mode | : | B |
| Earthing | : | Not connected |
| Ambient temperature | : | 23°C |
| Relative humidity | : | 48% |
| Atmospheric pressure | : | 101kPa |

For details refer to following test plot.


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 #3057

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: On

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

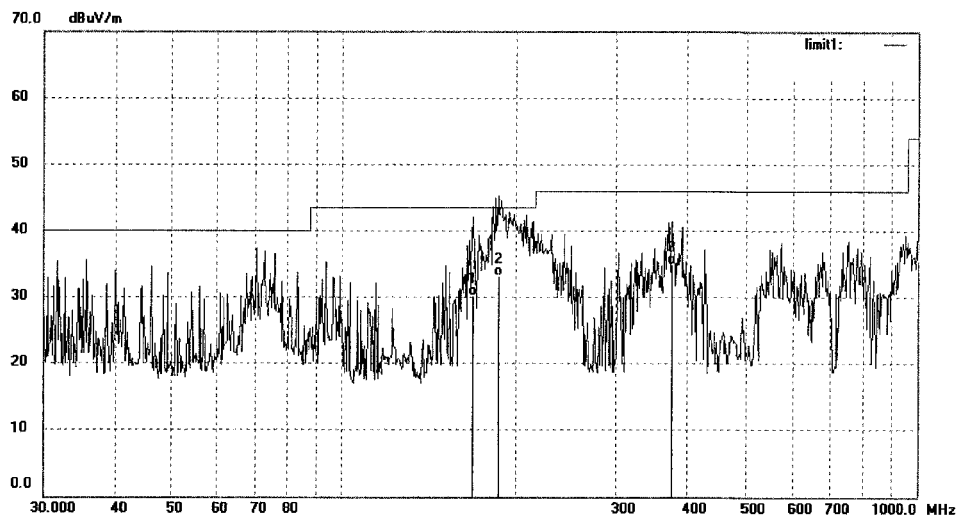
Date: 16/09/19/

Time:

Engineer Signature: LGWADE

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 | 167.8241 | 44.17 | -14.02 | 30.15 | 43.50 | -13.35 | QP | | | |
| 2 | 185.7880 | 45.93 | -12.71 | 33.22 | 43.50 | -10.28 | QP | | | |
| 3 | 374.6225 | 42.31 | -7.44 | 34.87 | 46.00 | -11.13 | 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 #3058

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: On

Model: MC250

Manufacturer: Limoss

Polarization: Vertical

Power Source: AC 120V/60Hz

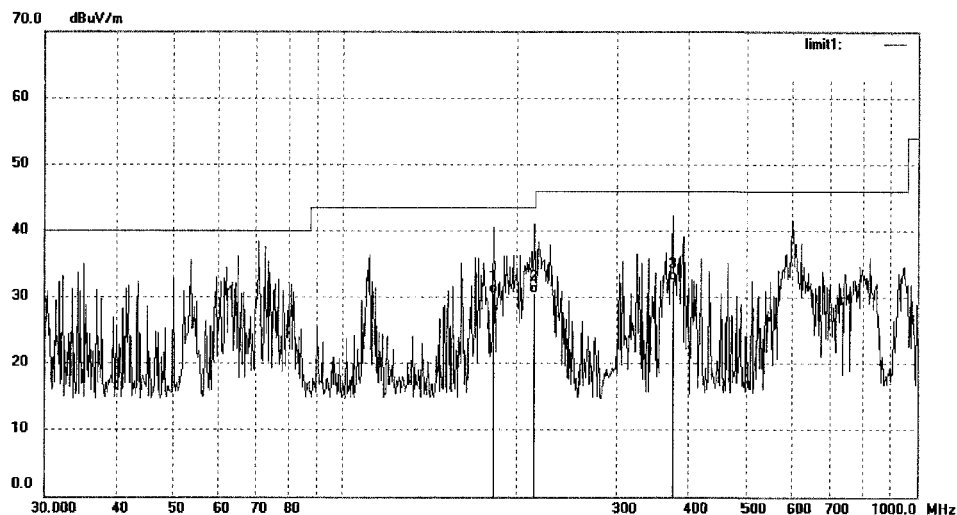
Date: 16/09/19/

Time:

Engineer Signature: LGWADE

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 | 181.9199 | 43.78 | -13.18 | 30.60 | 43.50 | -12.90 | QP | | | |
| 2 | 214.5141 | 42.36 | -11.90 | 30.46 | 43.50 | -13.04 | QP | | | |
| 3 | 374.6225 | 39.91 | -7.44 | 32.47 | 46.00 | -13.53 | 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 #3059

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: On

Model: MC250

Manufacturer: Limoss

Polarization: Horizontal

Power Source: AC 120V/60Hz

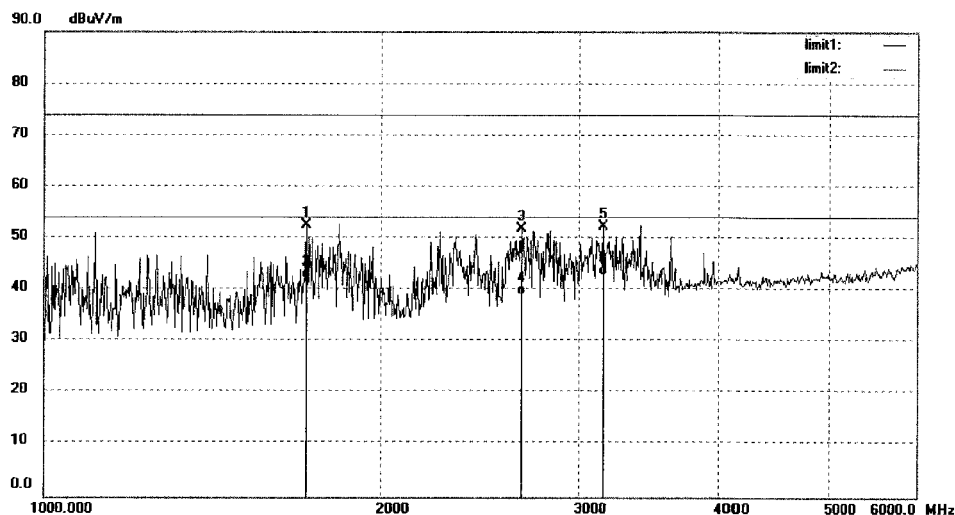
Date: 16/09/19/

Time:

Engineer Signature: LGWADE

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 | 1717.915 | 62.87 | -10.33 | 52.54 | 74.00 | -21.46 | peak | | | |
| 2 | 1717.915 | 52.47 | -10.33 | 42.14 | 54.00 | -11.86 | AVG | | | |
| 3 | 2664.702 | 58.46 | -6.58 | 51.88 | 74.00 | -22.12 | peak | | | |
| 4 | 2664.702 | 45.73 | -6.58 | 39.15 | 54.00 | -14.85 | AVG | | | |
| 5 | 3159.171 | 56.57 | -4.34 | 52.23 | 74.00 | -21.77 | peak | | | |
| 6 | 3159.171 | 47.12 | -4.34 | 42.78 | 54.00 | -11.22 | 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 #3060

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 2.4GHz Wireless receiver motor controller box

Mode: On

Model: MC250

Manufacturer: Limoss

Polarization: Vertical

Power Source: AC 120V/60Hz

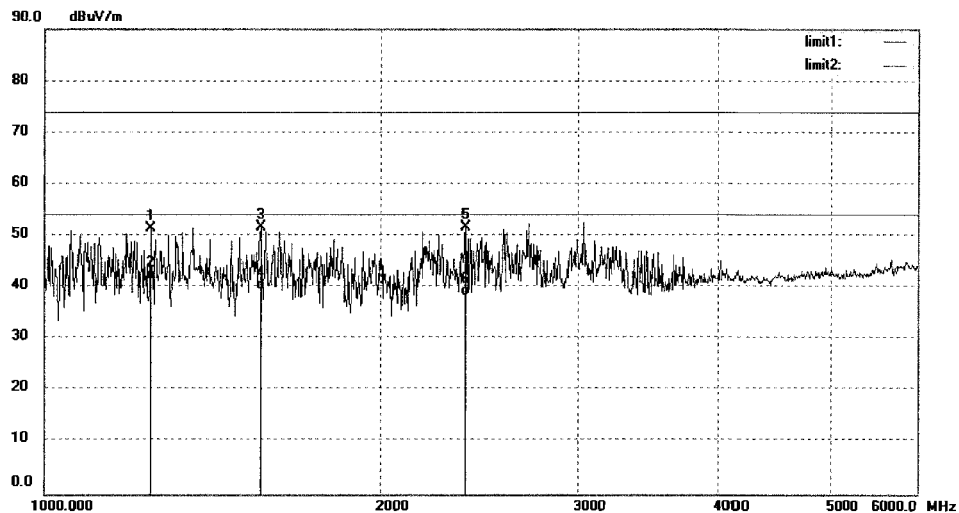
Date: 16/09/19/

Time:

Engineer Signature: LGWADE

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 | 1239.876 | 63.83 | -12.34 | 51.49 | 74.00 | -22.51 | peak | | | |
| 2 | 1239.876 | 53.91 | -12.34 | 41.57 | 54.00 | -12.43 | AVG | | | |
| 3 | 1559.486 | 62.62 | -11.01 | 51.61 | 74.00 | -22.39 | peak | | | |
| 4 | 1559.486 | 50.46 | -11.01 | 39.45 | 54.00 | -14.55 | AVG | | | |
| 5 | 2371.750 | 59.21 | -7.64 | 51.57 | 74.00 | -22.43 | peak | | | |
| 6 | 2371.750 | 46.05 | -7.64 | 38.41 | 54.00 | -15.59 | AVG | | | |

6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass**

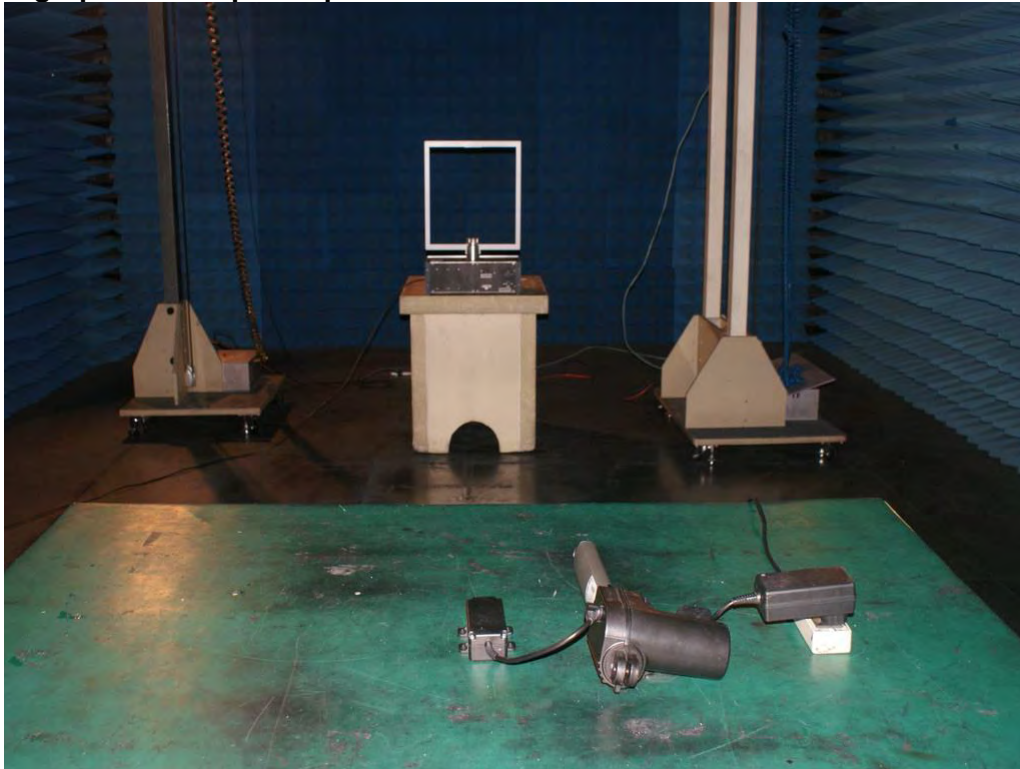
Test standard : RSS-102 Issue 5 March 2015
FCC KDB Publication 447498 D01 v06

The maximum output power of the transmitter is 0.031mW (-15.04dBm) 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.

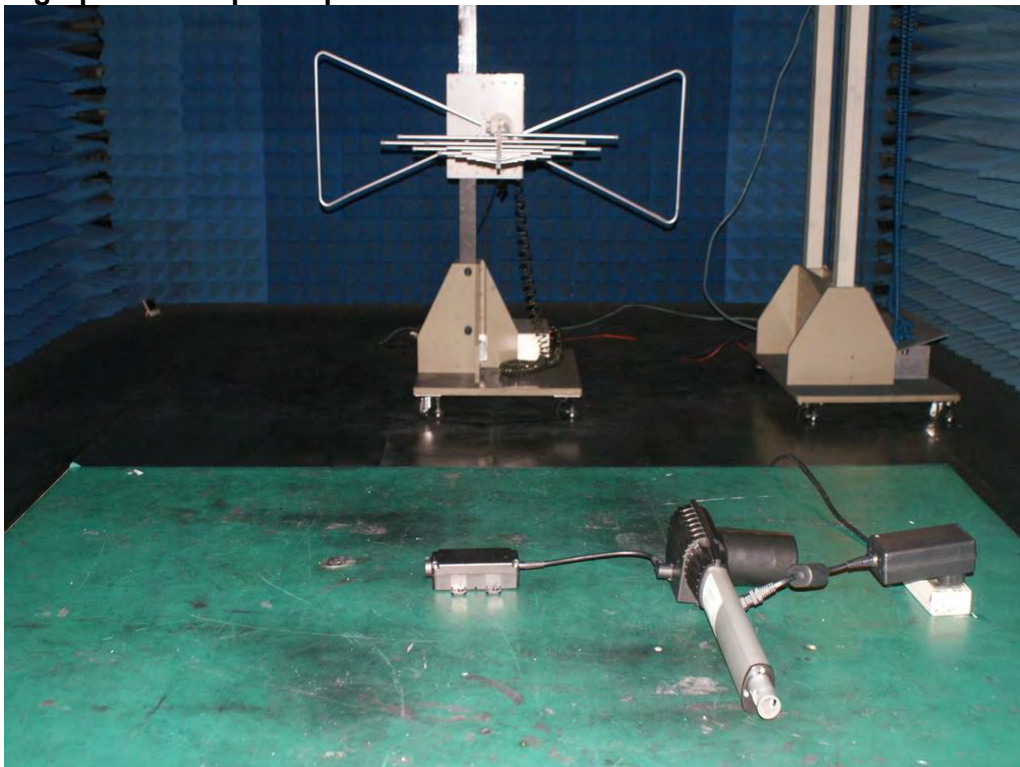
Since maximum output power of the transmitter is 0.031mW<1496mW, and the distance from EUT to human is ≥ 200 mm, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 General RF Exposure Guidance v06.

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



Photograph 5: Set-up for Conducted Emission



8. List of Tables

| | |
|---|----|
| Table 1: List of Test and Measurement Equipment | 5 |
| Table 2: Measurement Uncertainty | 6 |
| Table 3: Technical Specification of EUT | 7 |
| Table 4: Test result of 20dB & 99% Bandwidth..... | 13 |
| Table 5: Polarization of the measurement for the larger power level channel 2448.393MHz: Horizontal..... | 18 |

9. List of Photographs

| | |
|---|----|
| Photograph 1: Set-up for Spurious Emissions below 30MHz | 68 |
| Photograph 2: Set-up for Spurious Emissions of 30MHz – 1GHz..... | 68 |
| Photograph 3: Set-up for Spurious Emissions of 1 – 18GHz..... | 69 |
| Photograph 4: Set-up for Spurious Emissions of 18 – 26.5GHz | 69 |
| Photograph 5: Set-up for Conducted Emission | 70 |