

| | | | | | |
|---|---|---|--|---|----------------------------------|
| Prüfbericht-Nr.: <i>Test Report No.:</i> | 50059457 001 | Auftrags-Nr.: <i>Order No.:</i> | 164072159 | Seite 1 von 71 <i>Page 1 of 71</i> | |
| 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> | Handset | | | | |
| Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i> | HC338 (limoss) | | | | |
| Auftrags-Inhalt: <i>Order content:</i> | FCC/IC Certification | | | | |
| Prüfgrundlage: <i>Test specification:</i> | 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 | 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 | | | |
| Wareneingangsdatum: <i>Date of receipt:</i> | 01.09.2016 | | | | |
| Prüfmuster-Nr.: <i>Test sample No.:</i> | A000416439-001 | | | | |
| Prüfzeitraum: <i>Testing period:</i> | 06.09.2016 - 10.09.2016 | | | | |
| 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: 24.10.2016 Winnie Hou/Senior Project Manager | | kontrolliert von / reviewed by: 24.10.2016 Owen Tian/Technical Certicier | | | |
| Datum <i>Date</i> | Name / Stellung <i>Name / Position</i> | Unterschrift <i>Signature</i> | Datum <i>Date</i> | Name / Stellung <i>Name / Position</i> | Unterschrift <i>Signature</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(all) = 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(all) = 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> | | | | | |

Prüfbericht - Nr.: **50059457 001**
Test Report No.

Seite 2 von 71
Page 2 of 71

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

Prüfbericht - Nr.: 50059457 001
Test Report No.Seite 3 von 71
Page 3 of 71

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 Antenna Requirement | 12 |
| 5.1.2 20dB Bandwidth and 99% Bandwidth..... | 13 |
| 5.1.3 Fundamental & Harmonics Radiated Emission | 18 |
| 5.1.4 Radiated emissions outside of the band..... | 25 |
| 5.1.5 Conducted emissions | 57 |
| 5.1.6 Radiated Emission | 62 |
| 6. SAFETY HUMAN EXPOSURE | 67 |
| 6.1 RADIO FREQUENCY EXPOSURE COMPLIANCE..... | 67 |
| 6.1.1 Electromagnetic Fields | 67 |
| 7. PHOTOGRAPHS OF THE TEST SET-UP | 68 |
| 8. LIST OF TABLES | 71 |
| 9. LIST OF PHOTOGRAPHS | 71 |

Prüfbericht - Nr.: 50059457 001
Test Report No.

Seite 4 von 71
Page 4 of 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 | < ± 0.60 dB |
| Radiated emission of transmitter, valid up to 26.5 GHz | < ± 4.42 dB |
| Conducted Emission | < ± 2.23 dB |
| Radiated Emission | < ± 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 handset, 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 | Handset |
| Type Designation | HC338 |
| FCC ID | 2AH9H-HC338 |
| IC | 21543-HC338 |
| 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 3.7V (via built-in battery) |
| Modulation | MSK |
| Antenna Gain | -3.4dBi |

3.3 Independent Operation Modes

The basic operation modes are:

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

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

Prüfbericht - Nr.: 50059457 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. |
|-------------|--------------|----------|
| Notebook | Lenovo | X240 |

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

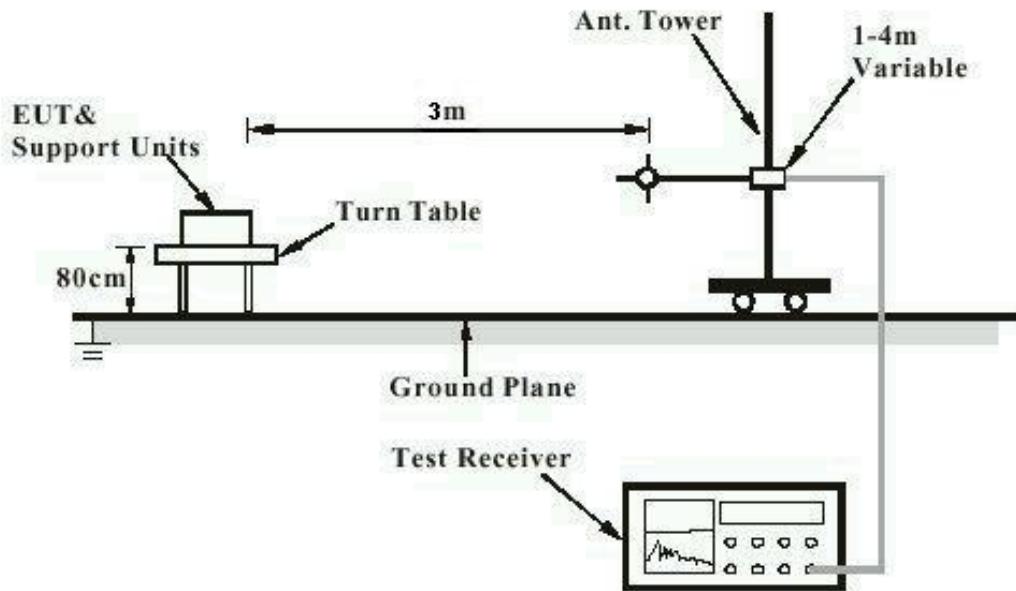
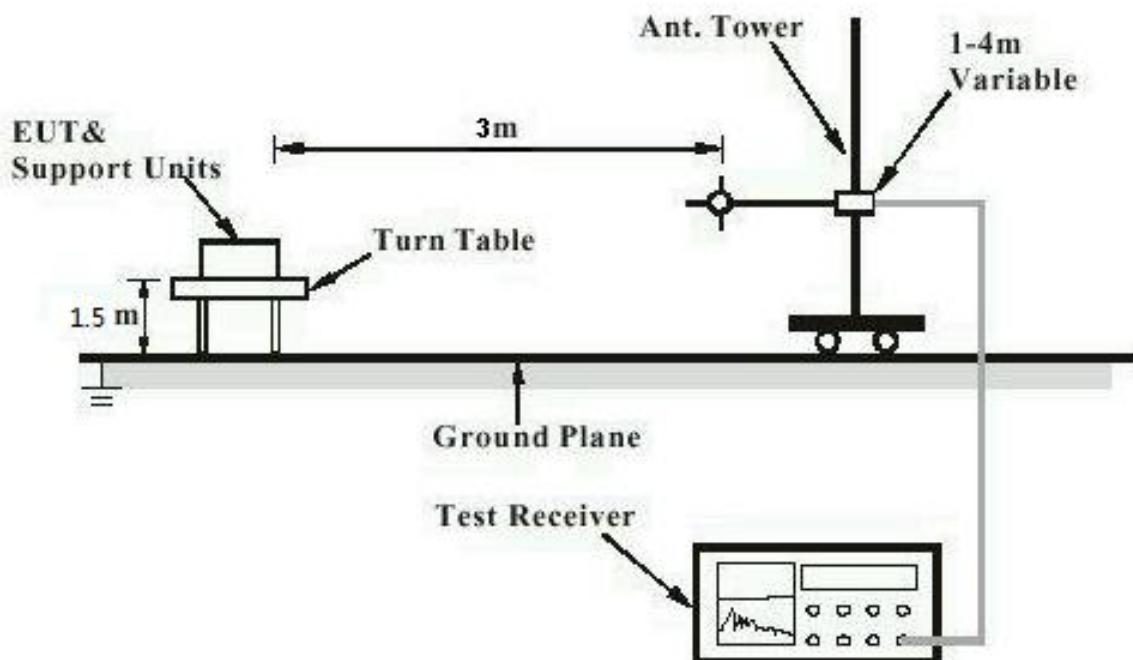


Diagram of Measurement Configuration for Radiation Test for above 1GHz



Prüfbericht - Nr.: **50059457 001**
Test Report No.

Seite 11 von 71
Page 11 of 71

Diagram of Measurement Equipment Configuration for Transmitter Measurement

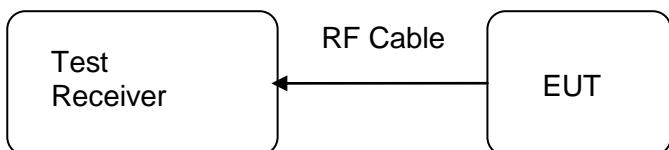
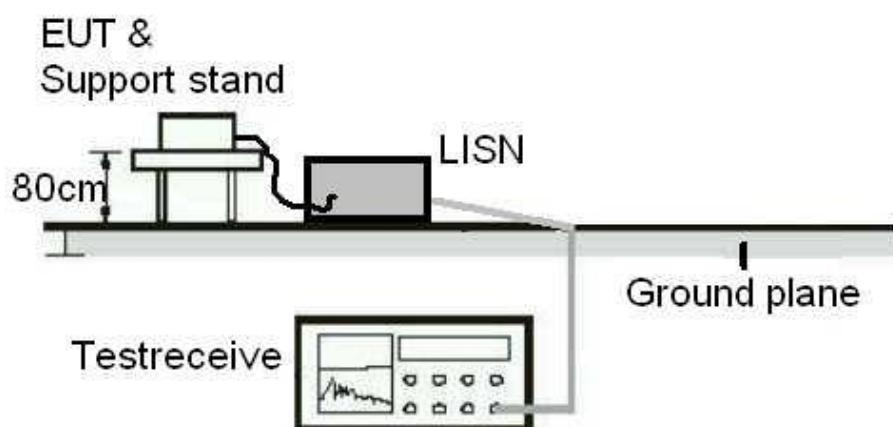


Diagram of Measurement Equipment Configuration for Conduction Measurement



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.

Prüfbericht - Nr.: 50059457 001
*Test Report No.*Seite 13 von 71
Page 13 of 71**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 |

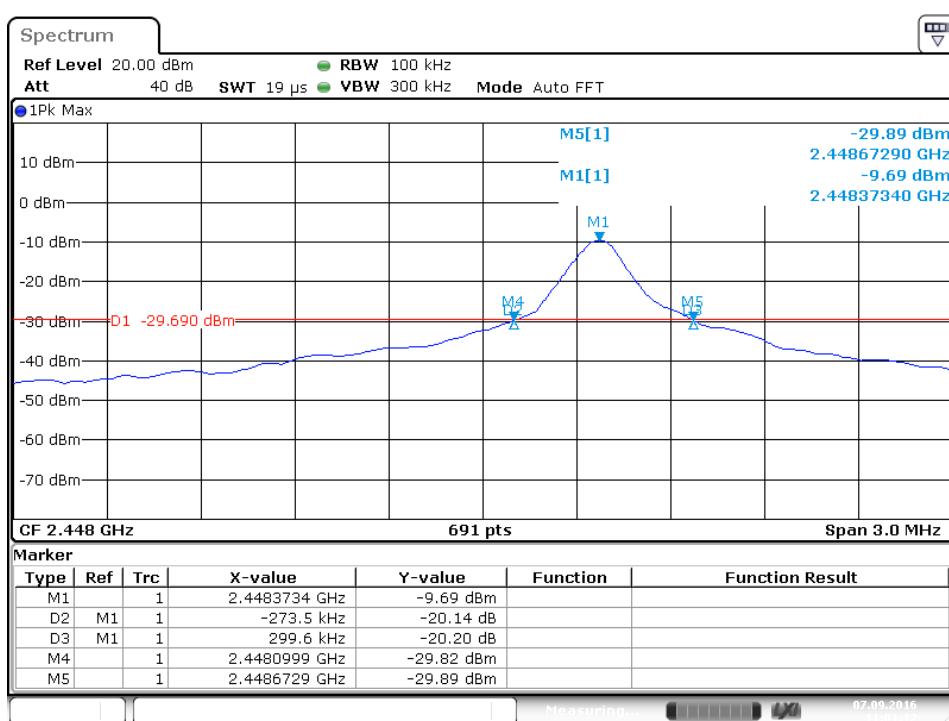
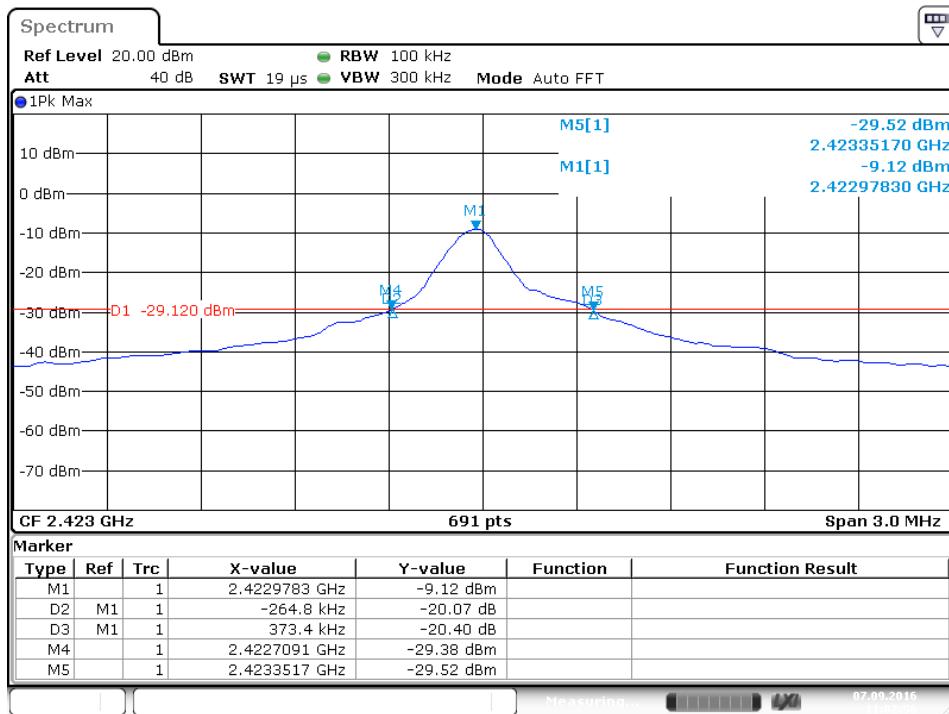
Test setup

| | | |
|----------------------|---|-------------------|
| 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 | 0.638 | 1.185 |
| Mid Channel | 2448.393 | 0.573 | 1.177 |
| High Channel | 2473.987 | 0.556 | 1.107 |

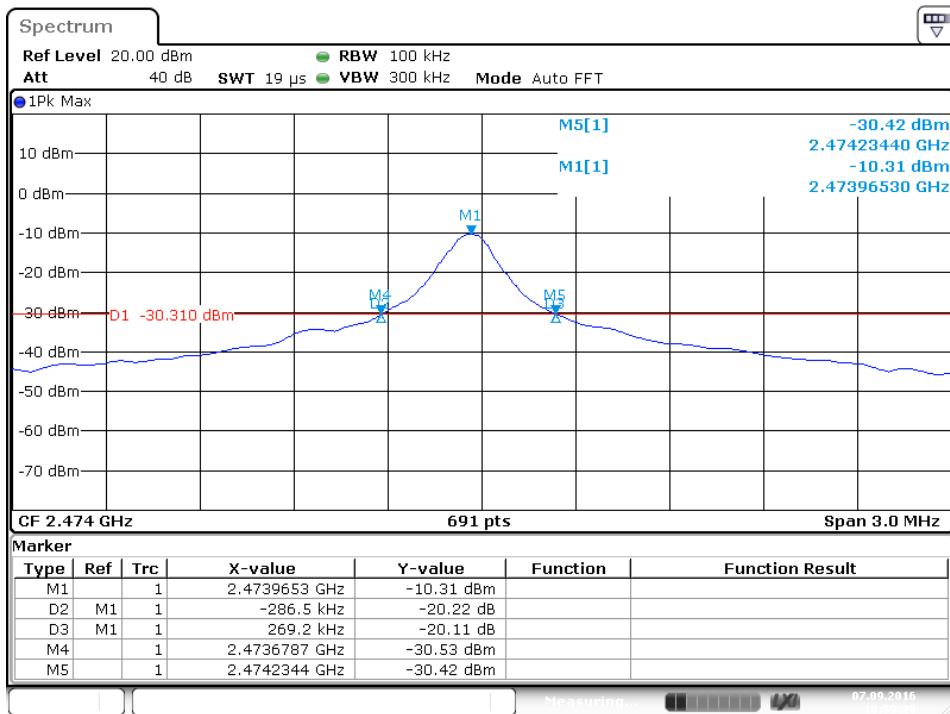
For details refer to following test plot.

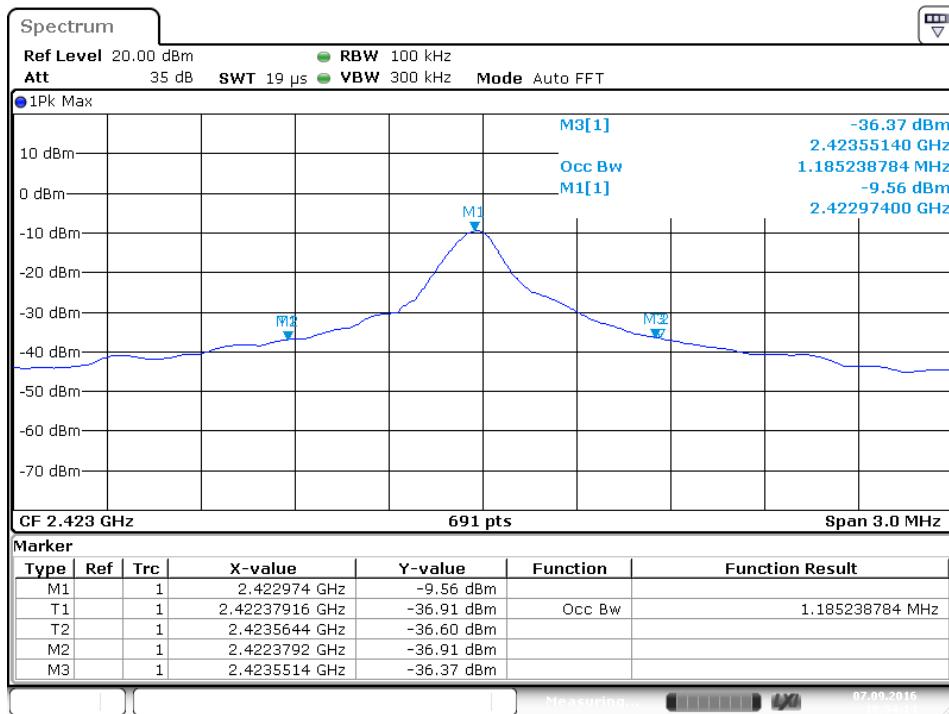
Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 14 von 71
Page 14 of 71
Test Plot of 20dB Bandwidth


Prüfbericht - Nr.: 50059457 001

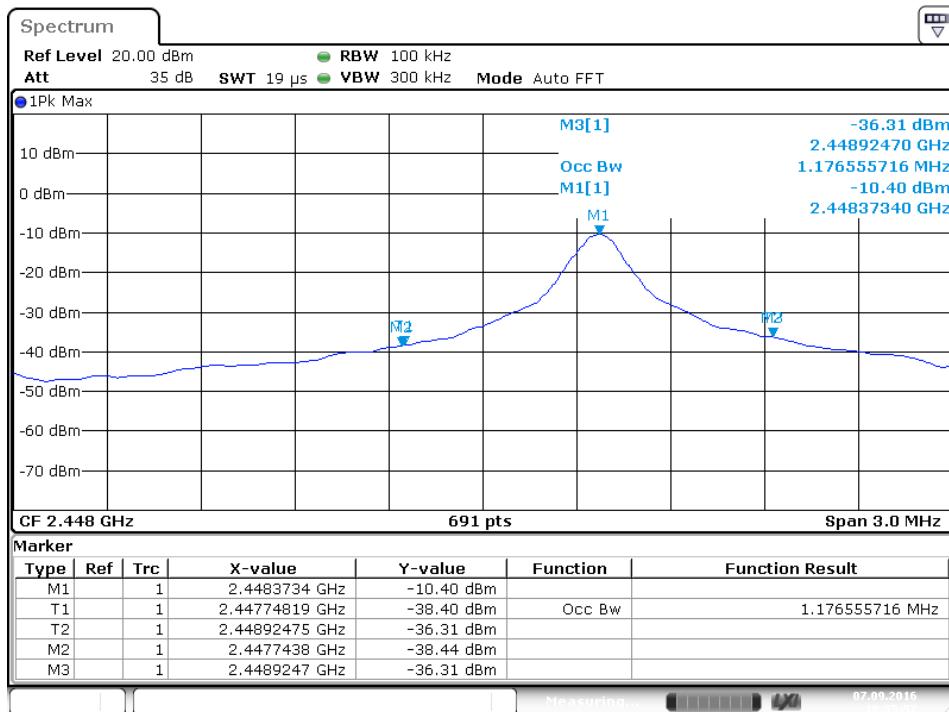
Test Report No.

Seite 15 von 71
Page 15 of 71



Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 16 von 71
Page 16 of 71
Test Plot of 99% Bandwidth


Date: 7.SEP.2016 10:54:14

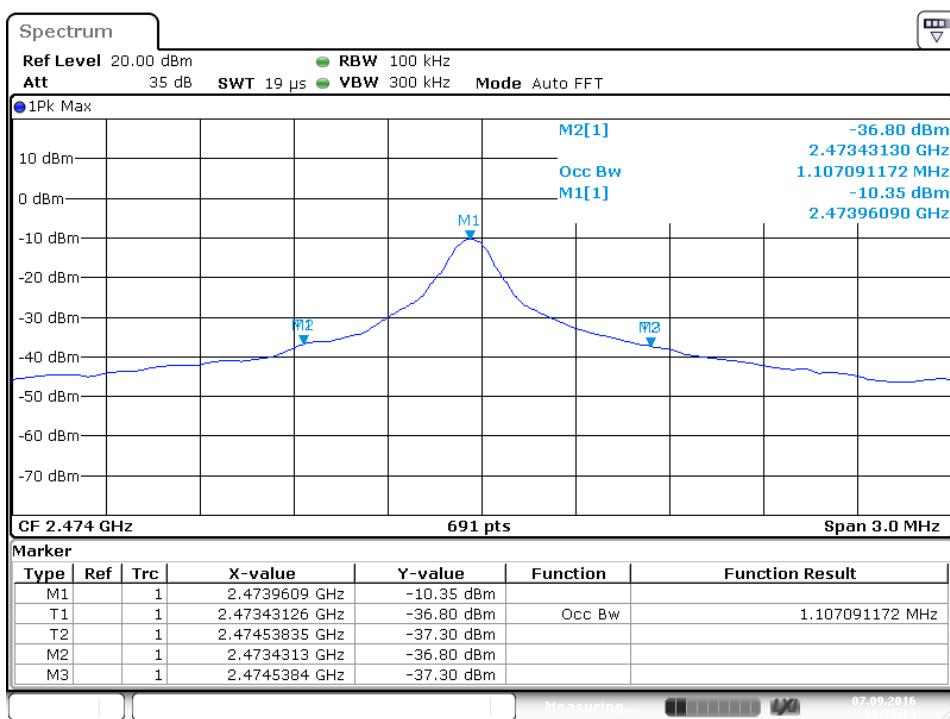


Date: 7.SEP.2016 10:55:57

Prüfbericht - Nr.: 50059457 001

Test Report No.

Seite 17 von 71
Page 17 of 71



Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 18 von 71
Page 18 of 71

5.1.3 Fundamental & Harmonics Radiated Emission

RESULT:
Pass

| | | |
|-------------------|---|---|
| Date of testing | : | 2016-09-06 |
| Test standard | : | FCC part 15.249(a) RSS-210 Clause A2.9 |
| Basic standard | : | ANSI C63.10: 2013 |
| Limits | : | FCC part 15.249(a) |
| 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 |

**Table 5: Polarization of the measurement for the larger power level
channel 2473.987MHz: Horizontal**

| Test conditions | | Fundamental Frequency | | Harmonic Frequency | |
|-------------------------|------------|-----------------------|--------|--------------------|--------------|
| | | 2473.987MHz | | --- | |
| T _{nom} (25°C) | Unit | (dB μ V/m) | (mV/m) | (dB μ V/m) | (μ V/m) |
| | Horizontal | 85.53 | 18.902 | --- | --- |
| | Vertical | 85.27 | 18.344 | --- | --- |
| Limit | | 94 | 50 | 54 | 500 |

The final measurement for frequencies below 1000MHz is performed with Quasi Peak detector; the final measurement for frequencies above 1000MHz is performed with Average detector.

The worst case was shown in above Table 5.

Disturbance other than those mentioned are small or not detectable.

For details refer to following test plot.

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 19 von 71
Page 19 of 71

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 #3361

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

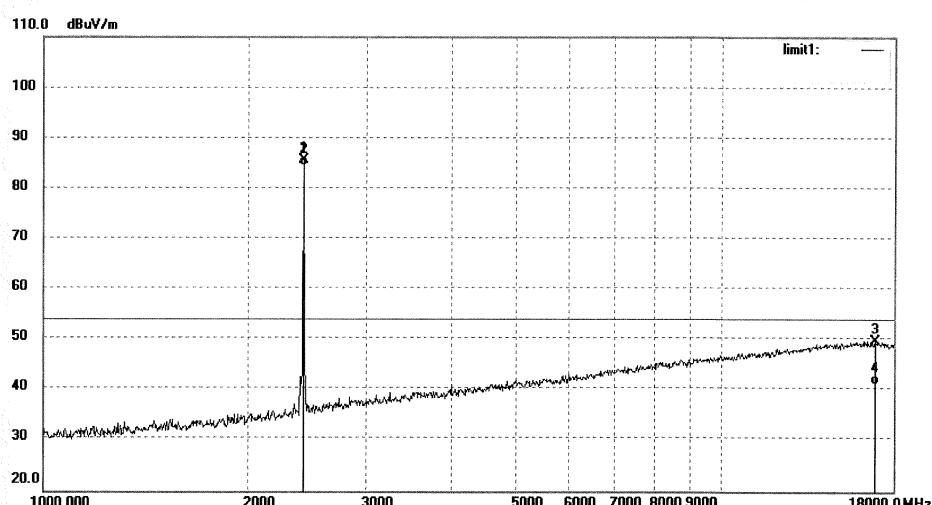
Mode: TX 2422.999MHz

Distance: 3m

Model: HC338

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 | 2422.999 | 93.05 | -7.40 | 85.65 | 114.00 | -27.35 | peak | | | |
| 2 | 2422.999 | 91.95 | -7.40 | 84.55 | 94.00 | -9.45 | AVG | | | |
| 3 | 16891.045 | 8.44 | 41.39 | 49.83 | 74.00 | -24.17 | peak | | | |
| 4 | 16891.045 | -0.04 | 41.39 | 41.35 | 54.00 | -12.65 | AVG | | | |

Produkte
Products
Prüfbericht - Nr.:
50059457 001
Test Report No.
Seite 20 von 71
Page 20 of 71

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 #3362

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

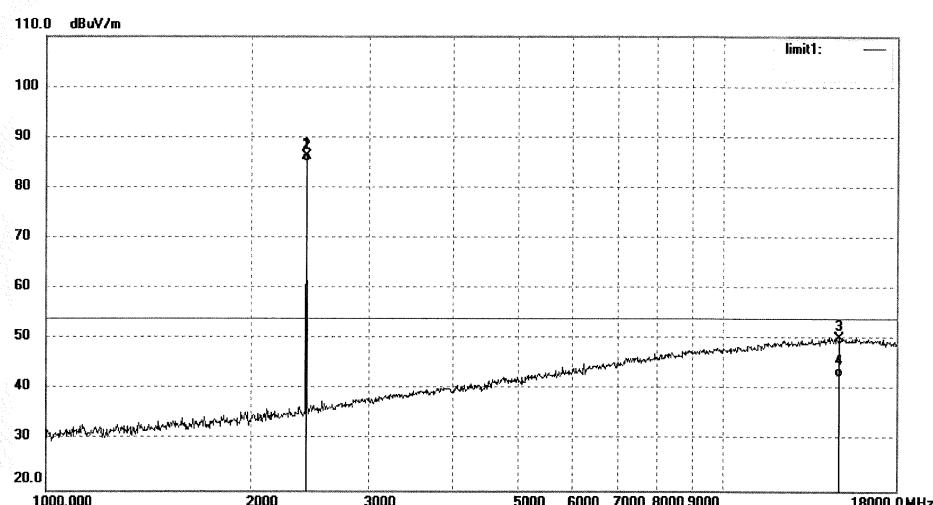
Mode: TX 2422.999MHz

Distance: 3m

Model: HC338

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 | 2422.999 | 93.59 | -7.40 | 86.19 | 114.00 | -27.81 | peak | | | |
| 2 | 2422.999 | 92.49 | -7.40 | 85.09 | 94.00 | -8.91 | AVG | | | |
| 3 | 14830.959 | 8.72 | 41.61 | 50.33 | 74.00 | -23.67 | peak | | | |
| 4 | 14830.959 | 0.93 | 41.61 | 42.54 | 54.00 | -11.46 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 21 von 71
Page 21 of 71

ACCURATE TECHNOLOGY CO., LTD.

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

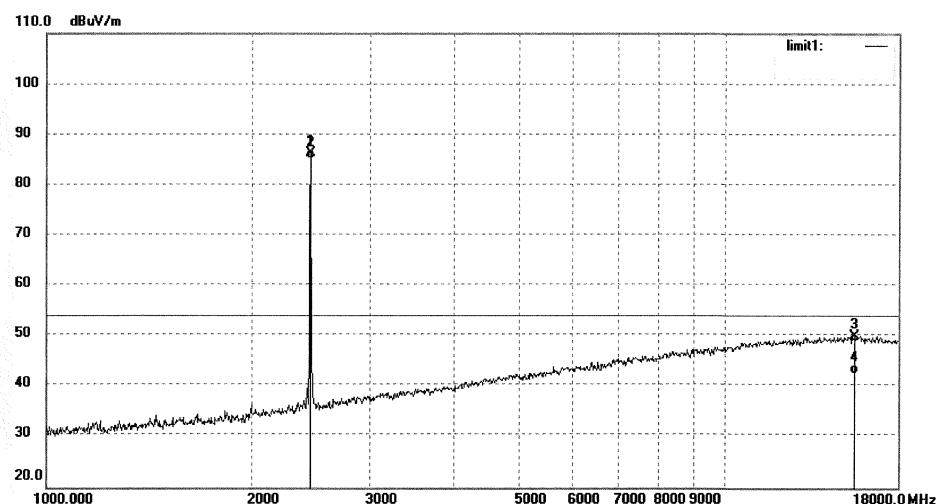
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

| | |
|---|----------------------------|
| Job No.: Igwade #3365 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 3.7V |
| Test item: Radiation Test | Date: 16/09/06/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 2.4GHz Wireless Remote control handset | Engineer Signature: LGWADE |
| Mode: TX 2448.393MHz | Distance: 3m |
| Model: HC338 | |
| 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 | 2448.393 | 93.69 | -7.34 | 86.35 | 114.00 | -27.65 | peak | | | |
| 2 | 2448.393 | 92.59 | -7.34 | 85.25 | 94.00 | -8.75 | AVG | | | |
| 3 | 15532.938 | 10.04 | 40.09 | 50.13 | 74.00 | -23.87 | peak | | | |
| 4 | 15532.938 | 2.45 | 40.09 | 42.54 | 54.00 | -11.46 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 22 von 71
Page 22 of 71

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 #3366

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

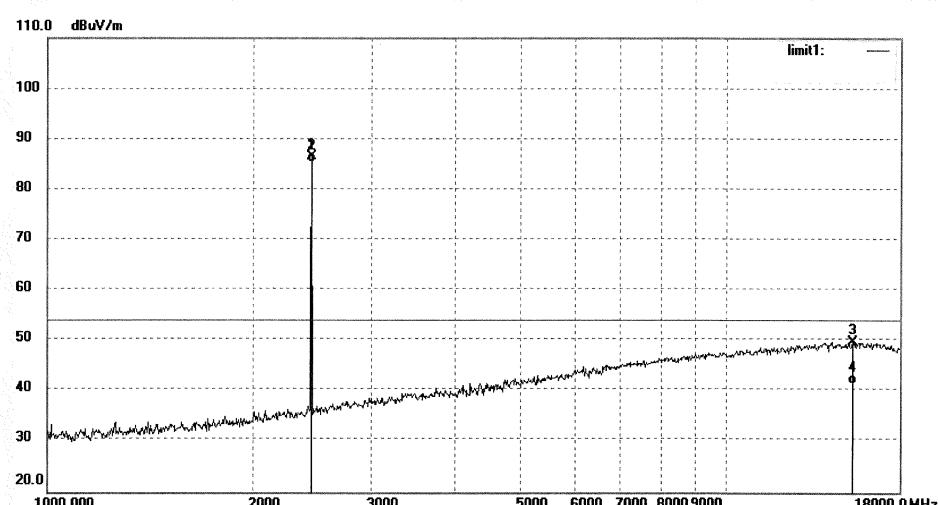
Mode: TX 2448.393MHz

Distance: 3m

Model: HC338

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 | 2448.393 | 93.81 | -7.34 | 86.47 | 114.00 | -27.53 | peak | | | |
| 2 | 2448.393 | 92.71 | -7.34 | 85.37 | 94.00 | -8.63 | AVG | | | |
| 3 | 15310.072 | 9.22 | 40.48 | 49.70 | 74.00 | -24.30 | peak | | | |
| 4 | 15310.072 | 1.09 | 40.48 | 41.57 | 54.00 | -12.43 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 23 von 71
Page 23 of 71

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 #3368

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

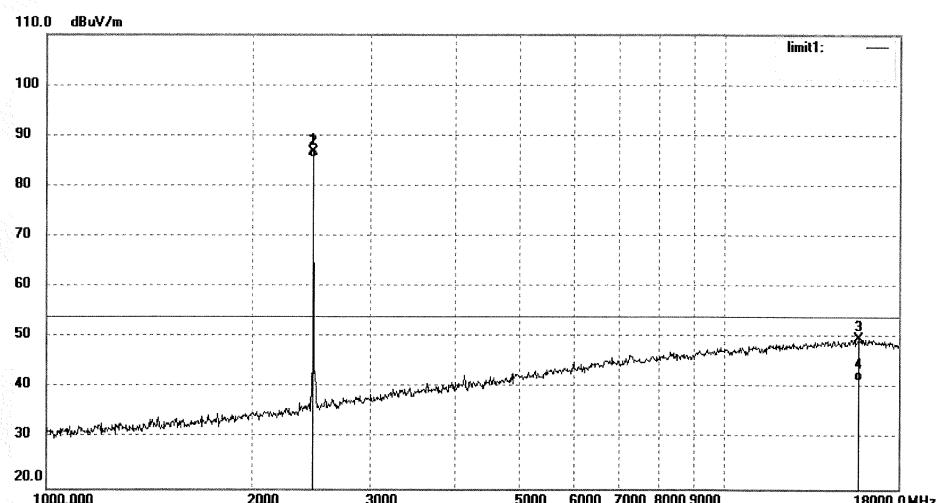
Mode: TX 2473.987MHz

Distance: 3m

Model: HC338

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 | 2473.987 | 94.00 | -7.37 | 86.63 | 114.00 | -27.37 | peak | | | |
| 2 | 2473.987 | 92.90 | -7.37 | 85.53 | 94.00 | -8.47 | AVG | | | |
| 3 | 15668.211 | 9.83 | 40.07 | 49.90 | 74.00 | -24.10 | peak | | | |
| 4 | 15668.211 | 1.50 | 40.07 | 41.57 | 54.00 | -12.43 | AVG | | | |

Prüfbericht - Nr.: **50059457 001**
Test Report No.
Seite 24 von 71
Page 24 of 71

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 #3367

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

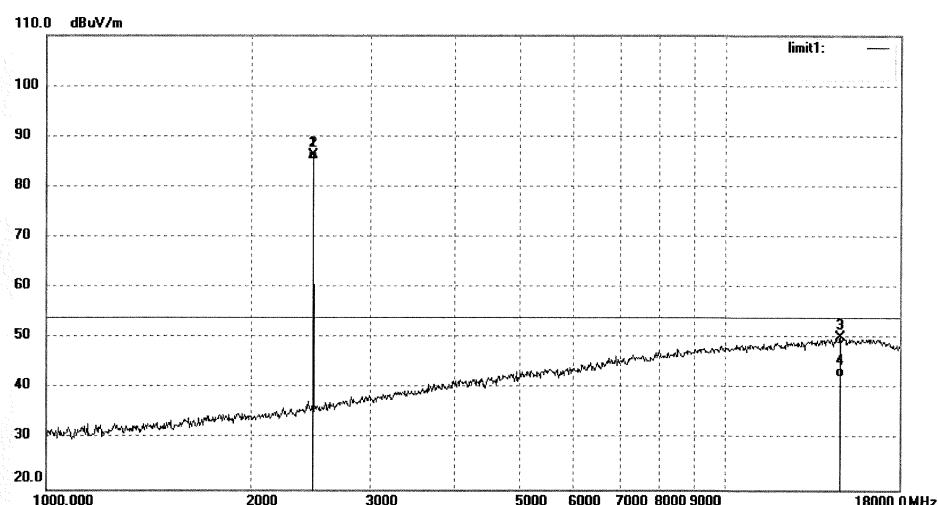
Mode: TX 2473.987MHz

Distance: 3m

Model: HC338

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 | 2473.987 | 93.74 | -7.37 | 86.37 | 114.00 | -27.63 | peak | | | |
| 2 | 2473.987 | 92.64 | -7.37 | 85.27 | 94.00 | -8.73 | AVG | | | |
| 3 | 14702.914 | 8.20 | 41.99 | 50.19 | 74.00 | -23.81 | peak | | | |
| 4 | 14702.914 | 0.49 | 41.99 | 42.48 | 54.00 | -11.52 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.

Seite 25 von 71
Page 25 of 71

5.1.4 Radiated emissions outside of the band

RESULT:

Pass

| | | |
|-------------------|---|--|
| Date of testing | : | 2016-09-07 |
| 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 |

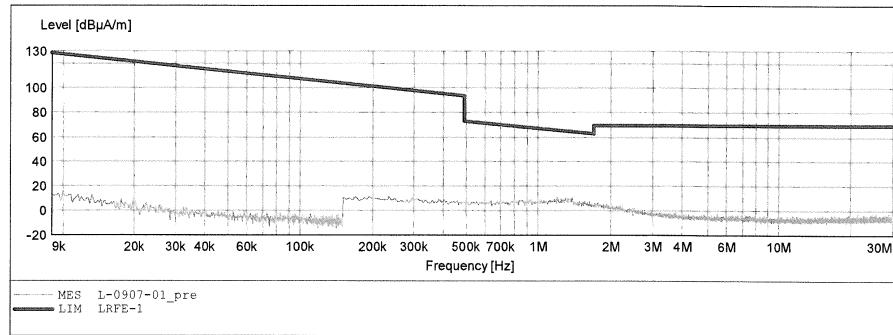
For details refer to following test plot.

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 26 von 71
Page 26 of 71
Test Plot of Radiated emissions outside band
ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3M Radiated

EUT: 2.4GHz Wireless Remote control handset M/N:HC338
 Manufacturer: Limoss
 Operating Condition: TX 2422.999MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: DC 3.7V
 Comment: X
 Start of Test: 2016-9-7 /

SCAN TABLE: "LRFE_Fin"

| 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 |

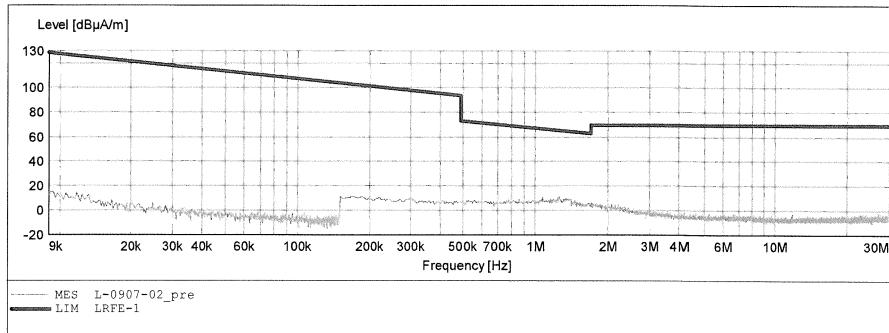


Prüfbericht - Nr.: **50059457 001**
Test Report No.Seite 27 von 71
Page 27 of 71**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3M Radiated**

EUT: 2.4GHz Wireless Remote control handset M/N:HC338
Manufacturer: Limoss
Operating Condition: TX 2422.999MHz
Test Site: 2# Chamber
Operator: LGWADE
Test Specification: DC 3.7V
Comment: Y
Start of Test: 2016-9-7 /

SCAN TABLE: "LFRE Fin"

| Start Frequency | Stop Frequency | Step Width | Detector | Meas. | IF Time | Transducer 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 |

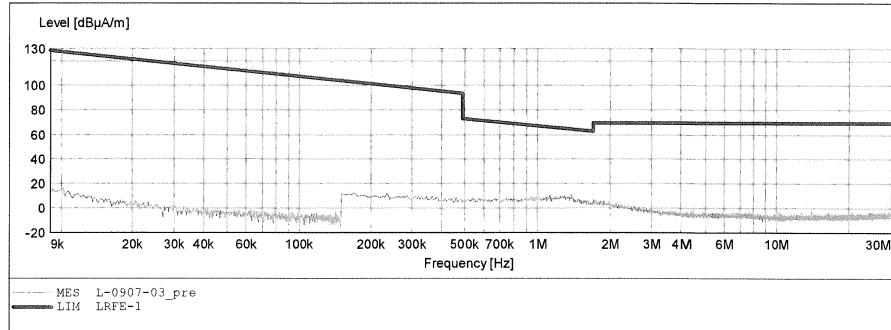


Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 28 von 71
Page 28 of 71
ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3M Radiated

EUT: 2.4GHz Wireless Remote control handset M/N:HC338
 Manufacturer: Limoss
 Operating Condition: TX 2422.999MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: DC 3.7V
 Comment: Z
 Start of Test: 2016-9-7 /

SCAN TABLE: "LRFE Fin"

| 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 |

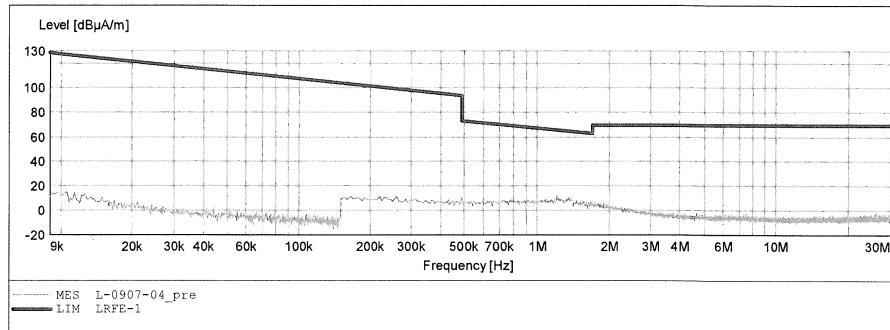


Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 29 von 71
Page 29 of 71
ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3M Radiated

EUT: 2.4GHz Wireless Remote control handset M/N:HC338
 Manufacturer: Limoss
 Operating Condition: TX 2448.393MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: DC 3.7V
 Comment: X
 Start of Test: 2016-9-7 /

SCAN TABLE: "LFRE Fin"

| Start Frequency | Stop Frequency | Step Width | Detector | Meas. | IF Time | 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 | |

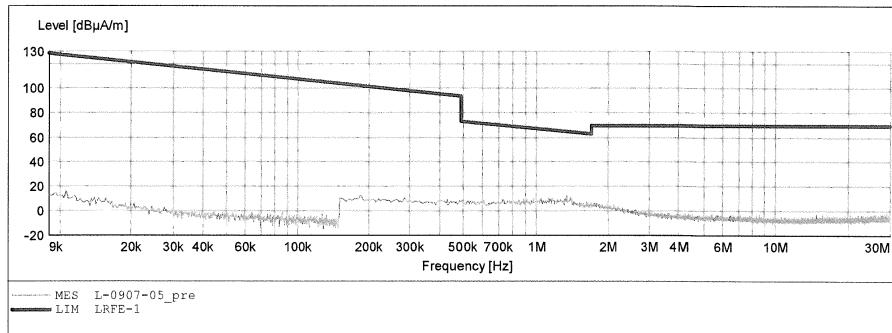


Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 30 von 71
Page 30 of 71
ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3M Radiated

EUT: 2.4GHz Wireless Remote control handset M/N:HC338
 Manufacturer: Limoss
 Operating Condition: TX 2448.393MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: DC 3.7V
 Comment: Y
 Start of Test: 2016-9-7 /

SCAN TABLE: "LFRE Fin"

| Start Frequency | Stop Frequency | Step Width | Detector | Meas. | IF Time | Transducer 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 |

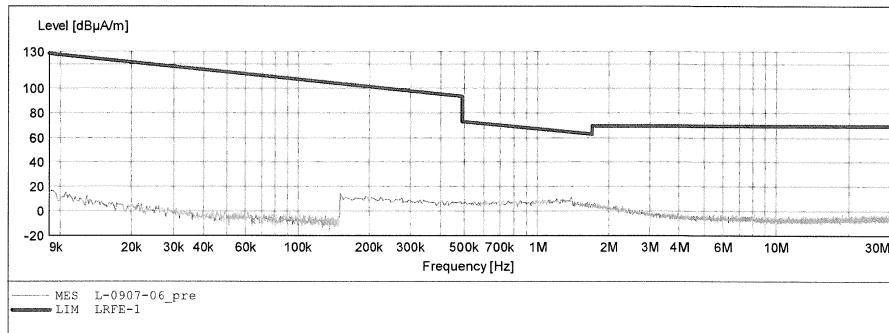


Prüfbericht - Nr.: **50059457 001**
Test Report No.Seite 31 von 71
Page 31 of 71**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3M Radiated**

EUT: 2.4GHz Wireless Remote control handset M/N:HC338
Manufacturer: Limoss
Operating Condition: TX 2448.393MHz
Test Site: 2# Chamber
Operator: LGWADE
Test Specification: DC 3.7V
Comment: Z
Start of Test: 2016-9-7 /

SCAN TABLE: "LFRE Fin"

| 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 |

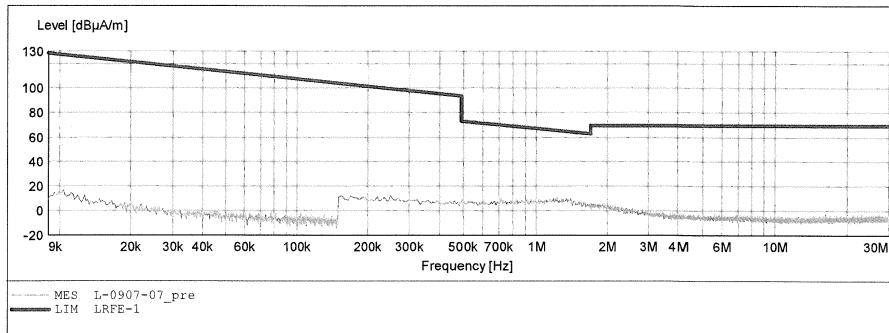


Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 32 von 71
Page 32 of 71
ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3M Radiated

EUT: 2.4GHz Wireless Remote control handset M/N:HC338
 Manufacturer: Limoss
 Operating Condition: TX 2473.987MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: DC 3.7V
 Comment: X
 Start of Test: 2016-9-7 /

SCAN TABLE: "LFRE_Fin"

| Start Frequency | Stop Frequency | Step Width | Detector | Meas. | IF Time | Transducer 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 |

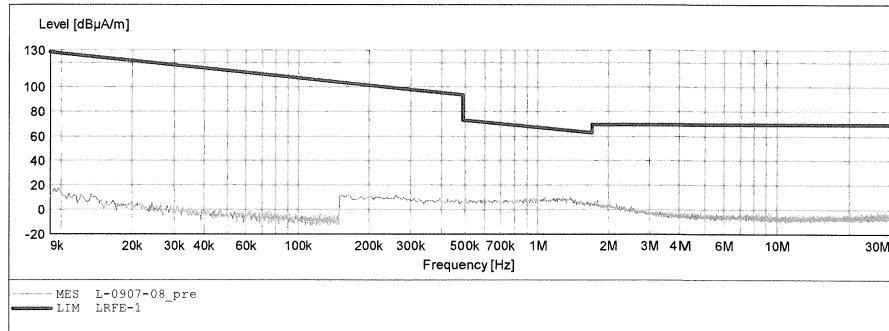


Prüfbericht - Nr.: **50059457 001**
Test Report No.Seite 33 von 71
Page 33 of 71**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3M Radiated**

EUT: 2.4GHz Wireless Remote control handset M/N:HC338
Manufacturer: Limoss
Operating Condition: TX 2473.987MHz
Test Site: 2# Chamber
Operator: LGWADE
Test Specification: DC 3.7V
Comment: Y
Start of Test: 2016-9-7 /

SCAN TABLE: "LFRE Fin"

| Start Frequency | Stop Frequency | Step Width | Detector | Meas. | IF Time | Transducer 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 |

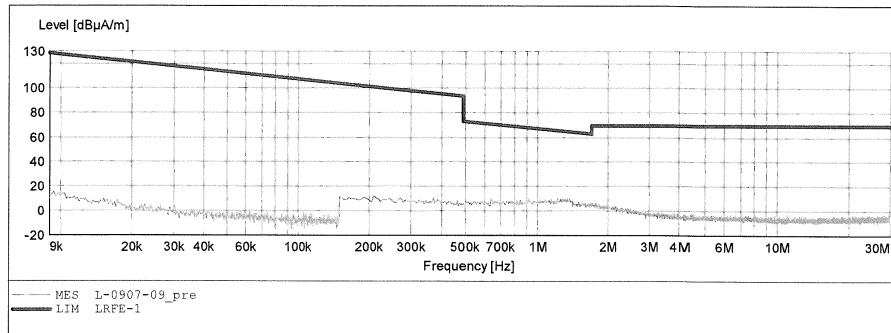


Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 34 von 71
Page 34 of 71
ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3M Radiated

EUT: 2.4GHz Wireless Remote control handset M/N:HC338
 Manufacturer: Limoss
 Operating Condition: TX 2473.987MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: DC 3.7V
 Comment: Z
 Start of Test: 2016-9-7 /

SCAN TABLE: "LFRE_Fin"

| Short Description: | | _SUB_STD_VTERM2 1.70 | | | | |
|--------------------|----------------|----------------------|-----------|-------|---------|-------------------|
| Start Frequency | Stop Frequency | Step Width | Detector | Meas. | IF Time | Transducer 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 |



Prüfbericht - Nr.: **50059457 001**
Test Report No.

Seite 35 von 71
Page 35 of 71



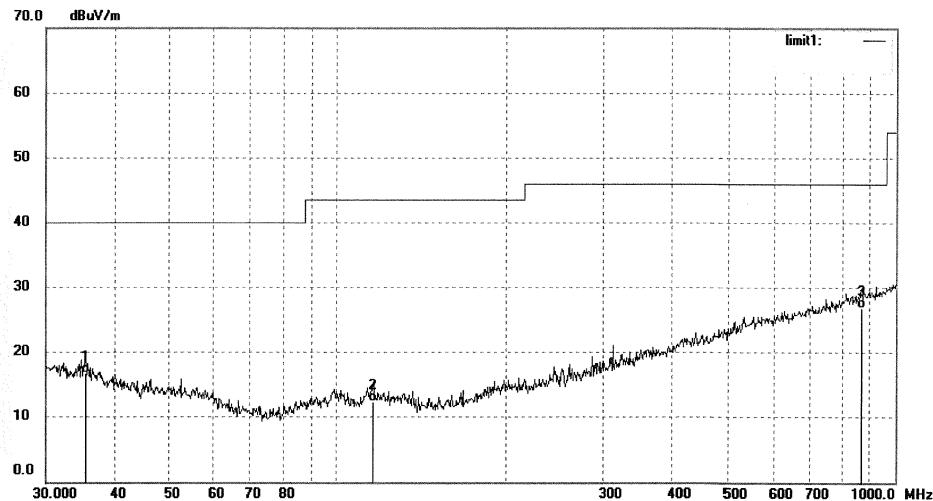
ACCURATE TECHNOLOGY CO., LTD.

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 #3389 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 3V |
| Test item: Radiation Test | Date: 16/09/06/ |
| Temp. (C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 2.4GHz Wireless Remote control handset | Engineer Signature: LGWADE |
| Mode: TX 2422.999MHz | Distance: 3m |
| Model: HC338 | |
| 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 | 35.3750 | 27.13 | -10.50 | 16.63 | 40.00 | -23.37 | QP | | | |
| 2 | 116.5400 | 25.53 | -13.15 | 12.38 | 43.50 | -31.12 | QP | | | |
| 3 | 866.0878 | 25.88 | 1.03 | 26.91 | 46.00 | -19.09 | QP | | | |

Prüfbericht - Nr.: **50059457 001**
Test Report No.

Seite 36 von 71
Page 36 of 71

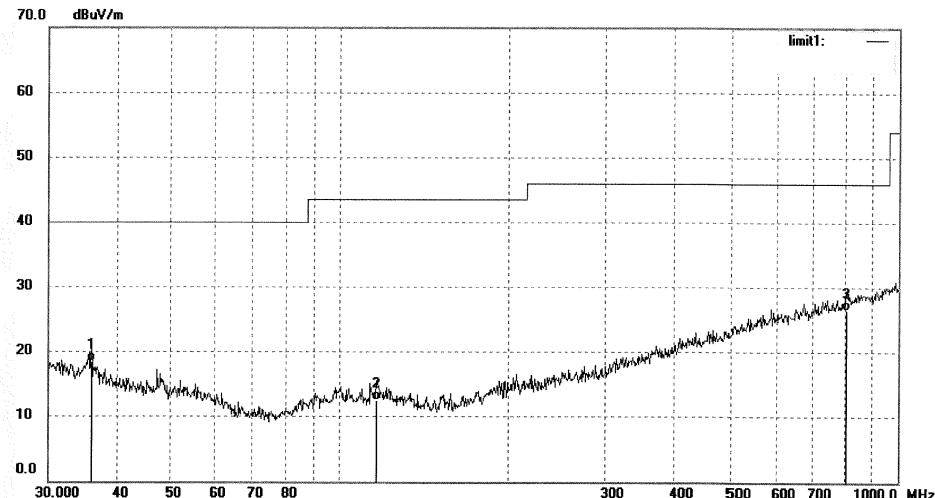


ACCURATE TECHNOLOGY CO., LTD.

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 #3390 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 3.7V |
| Test item: Radiation Test | Date: 16/09/06/ |
| Temp. (C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 2.4GHz Wireless Remote control handset | Engineer Signature: LGWADE |
| Mode: TX 2422.999MHz | Distance: 3m |
| Model: HC338 | |
| 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 | 35.8746 | 29.12 | -10.62 | 18.50 | 40.00 | -21.50 | QP | | | |
| 2 | 116.9495 | 25.68 | -13.15 | 12.53 | 43.50 | -30.97 | QP | | | |
| 3 | 804.6028 | 26.33 | 0.11 | 26.44 | 46.00 | -19.56 | QP | | | |

Prüfbericht - Nr.: **50059457 001**
Test Report No.
Seite 37 von 71
Page 37 of 71

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 #3392

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

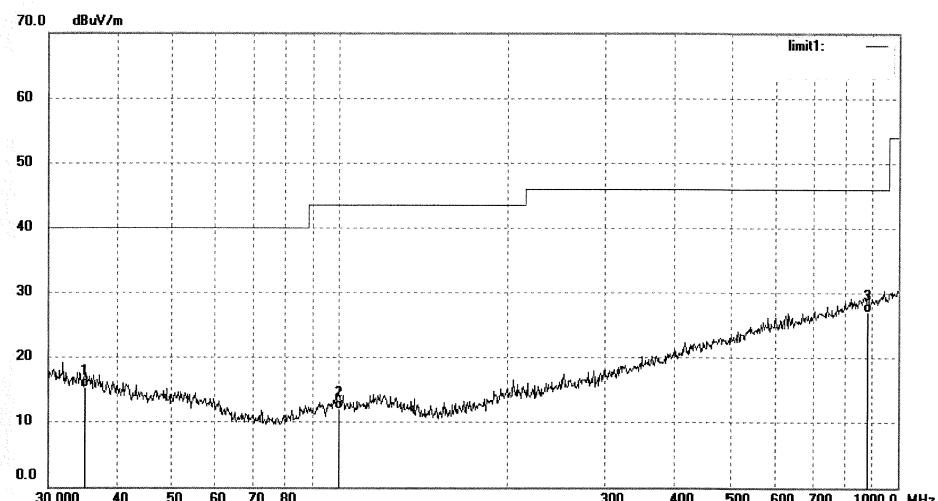
Mode: TX 2448.393MHz

Distance: 3m

Model: HC338

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 | 34.8823 | 25.74 | -10.41 | 15.33 | 40.00 | -24.67 | QP | | | |
| 2 | 99.8777 | 25.08 | -13.16 | 11.92 | 43.50 | -31.58 | QP | | | |
| 3 | 878.3214 | 25.88 | 1.13 | 27.01 | 46.00 | -18.99 | QP | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.

Seite 38 von 71
Page 38 of 71



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 #3391

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

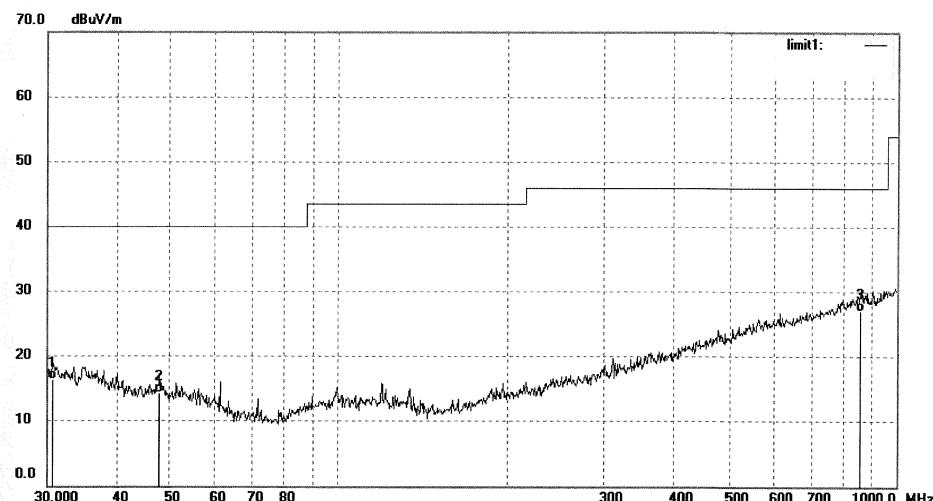
Mode: TX 2448.393MHz

Distance: 3m

Model: HC338

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 | 30.6378 | 25.49 | -9.11 | 16.38 | 40.00 | -23.62 | QP | | | |
| 2 | 47.8260 | 26.91 | -12.62 | 14.29 | 40.00 | -25.71 | QP | | | |
| 3 | 860.0352 | 26.18 | 0.86 | 27.04 | 46.00 | -18.96 | QP | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 39 von 71
Page 39 of 71

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 #3393

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

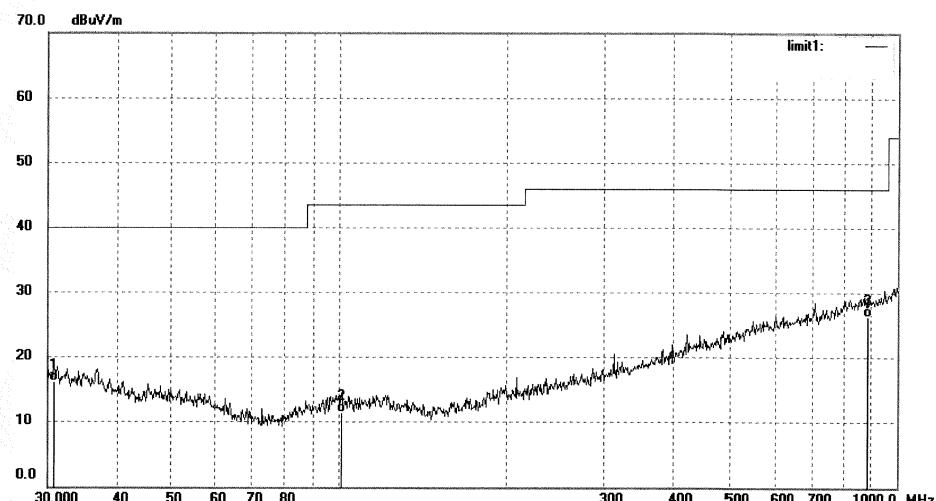
Mode: TX 2473.987MHz

Distance: 3m

Model: HC338

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 | 30.7454 | 26.11 | -10.00 | 16.11 | 40.00 | -23.89 | QP | | | |
| 2 | 101.2883 | 24.83 | -13.33 | 11.50 | 43.50 | -32.00 | QP | | | |
| 3 | 881.4067 | 25.19 | 1.16 | 26.35 | 46.00 | -19.65 | QP | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 40 von 71
Page 40 of 71

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 #3394

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

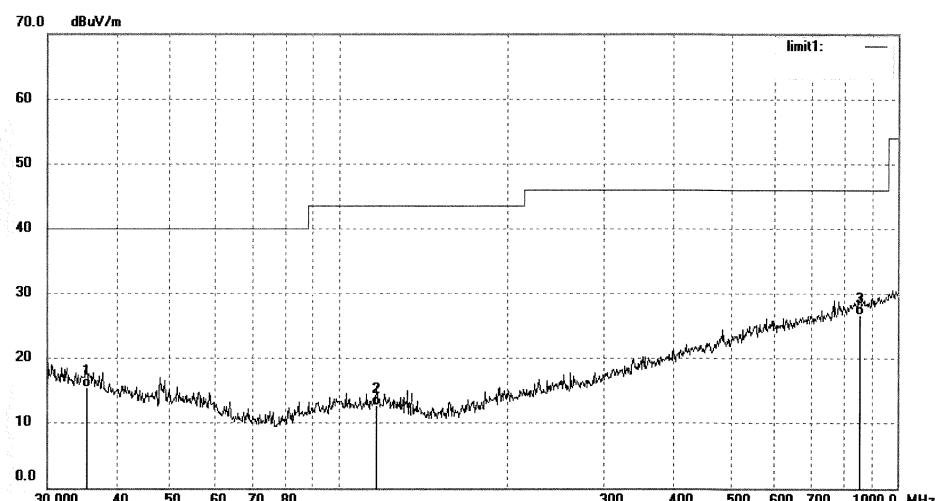
Mode: TX 2473.987MHz

Distance: 3m

Model: HC338

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 | 35.3750 | 26.03 | -10.50 | 15.53 | 40.00 | -24.47 | QP | | | |
| 2 | 117.3602 | 25.80 | -13.16 | 12.64 | 43.50 | -30.86 | QP | | | |
| 3 | 854.0247 | 26.01 | 0.74 | 26.75 | 46.00 | -19.25 | QP | | | |

Prüfbericht - Nr.: **50059457 001**
Test Report No.
Seite 41 von 71
Page 41 of 71

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 #3361

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

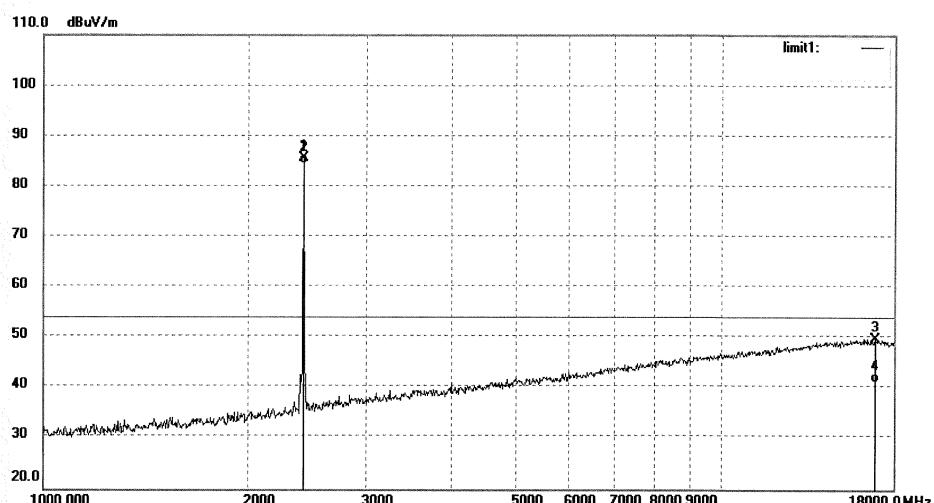
Mode: TX 2422.999MHz

Distance: 3m

Model: HC338

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 | 2422.999 | 93.05 | -7.40 | 85.65 | 114.00 | -27.35 | peak | | | |
| 2 | 2422.999 | 91.95 | -7.40 | 84.55 | 94.00 | -9.45 | AVG | | | |
| 3 | 16891.045 | 8.44 | 41.39 | 49.83 | 74.00 | -24.17 | peak | | | |
| 4 | 16891.045 | -0.04 | 41.39 | 41.35 | 54.00 | -12.65 | AVG | | | |

Produkte
Products
Prüfbericht - Nr.:
50059457 001
Test Report No.
Seite 42 von 71
Page 42 of 71

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 #3362

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

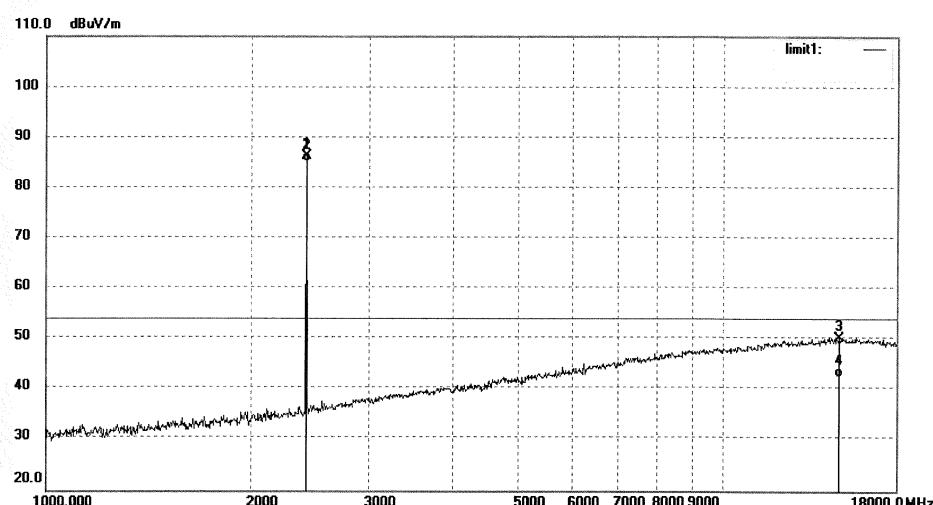
Mode: TX 2422.999MHz

Distance: 3m

Model: HC338

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 | 2422.999 | 93.59 | -7.40 | 86.19 | 114.00 | -27.81 | peak | | | |
| 2 | 2422.999 | 92.49 | -7.40 | 85.09 | 94.00 | -8.91 | AVG | | | |
| 3 | 14830.959 | 8.72 | 41.61 | 50.33 | 74.00 | -23.67 | peak | | | |
| 4 | 14830.959 | 0.93 | 41.61 | 42.54 | 54.00 | -11.46 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 43 von 71
Page 43 of 71

ACCURATE TECHNOLOGY CO., LTD.

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

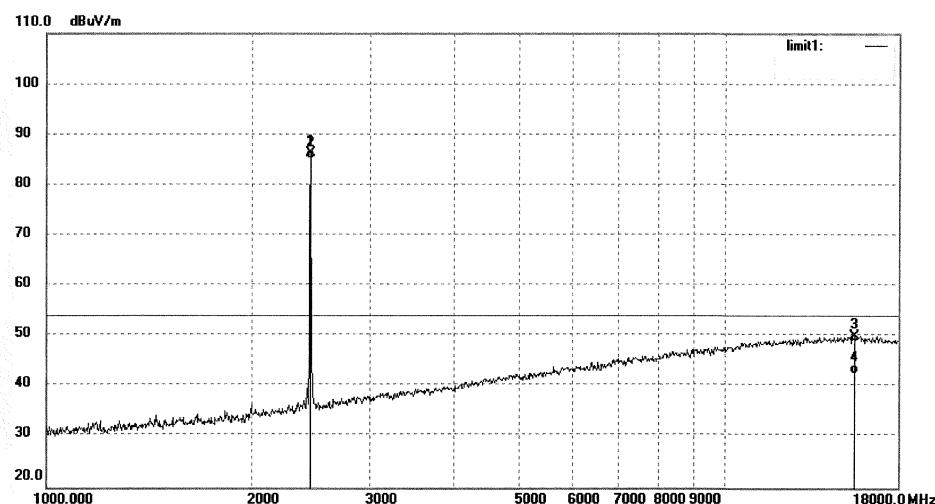
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

| | |
|---|----------------------------|
| Job No.: Igwade #3365 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 3.7V |
| Test item: Radiation Test | Date: 16/09/06/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 2.4GHz Wireless Remote control handset | Engineer Signature: LGWADE |
| Mode: TX 2448.393MHz | Distance: 3m |
| Model: HC338 | |
| 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 | 2448.393 | 93.69 | -7.34 | 86.35 | 114.00 | -27.65 | peak | | | |
| 2 | 2448.393 | 92.59 | -7.34 | 85.25 | 94.00 | -8.75 | AVG | | | |
| 3 | 15532.938 | 10.04 | 40.09 | 50.13 | 74.00 | -23.87 | peak | | | |
| 4 | 15532.938 | 2.45 | 40.09 | 42.54 | 54.00 | -11.46 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 44 von 71
Page 44 of 71

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 #3366

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

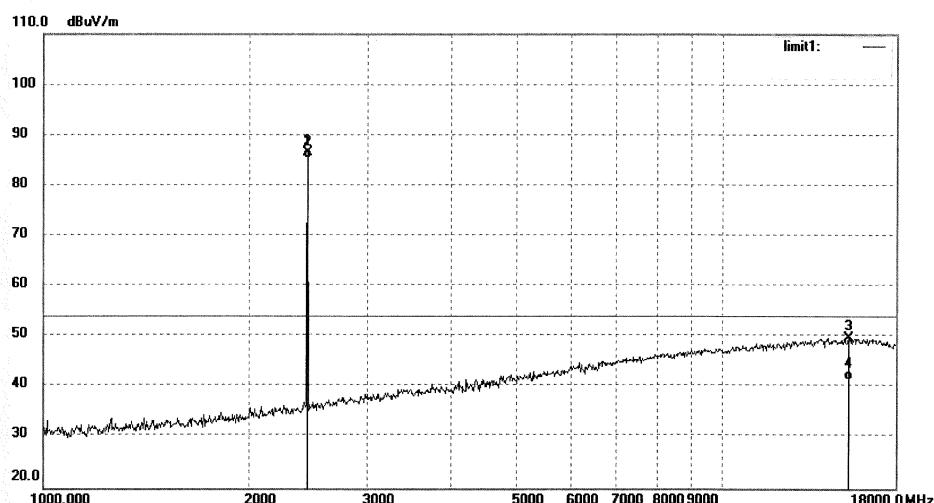
Mode: TX 2448.393MHz

Distance: 3m

Model: HC338

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 | 2448.393 | 93.81 | -7.34 | 86.47 | 114.00 | -27.53 | peak | | | |
| 2 | 2448.393 | 92.71 | -7.34 | 85.37 | 94.00 | -8.63 | AVG | | | |
| 3 | 15310.072 | 9.22 | 40.48 | 49.70 | 74.00 | -24.30 | peak | | | |
| 4 | 15310.072 | 1.09 | 40.48 | 41.57 | 54.00 | -12.43 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 45 von 71
Page 45 of 71

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 #3368

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

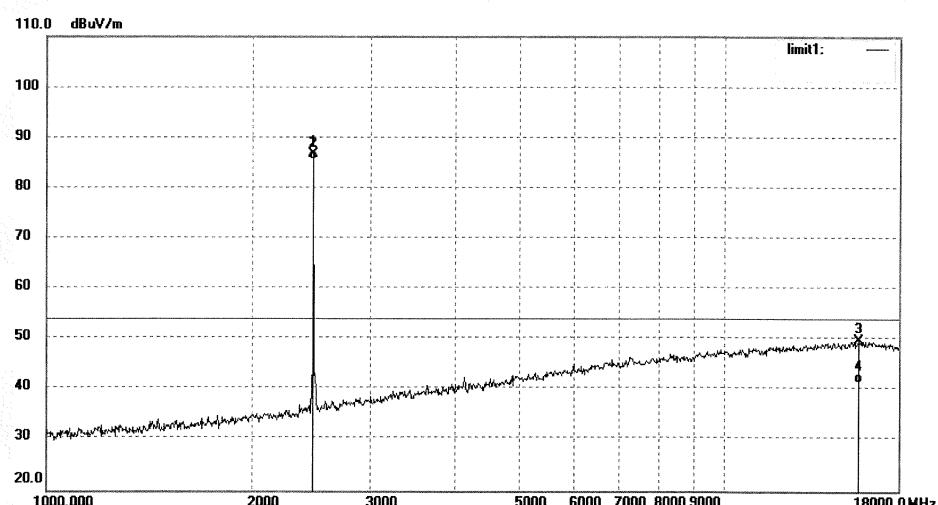
Mode: TX 2473.987MHz

Distance: 3m

Model: HC338

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 | 2473.987 | 94.00 | -7.37 | 86.63 | 114.00 | -27.37 | peak | | | |
| 2 | 2473.987 | 92.90 | -7.37 | 85.53 | 94.00 | -8.47 | AVG | | | |
| 3 | 15668.211 | 9.83 | 40.07 | 49.90 | 74.00 | -24.10 | peak | | | |
| 4 | 15668.211 | 1.50 | 40.07 | 41.57 | 54.00 | -12.43 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 46 von 71
Page 46 of 71

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 #3367

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

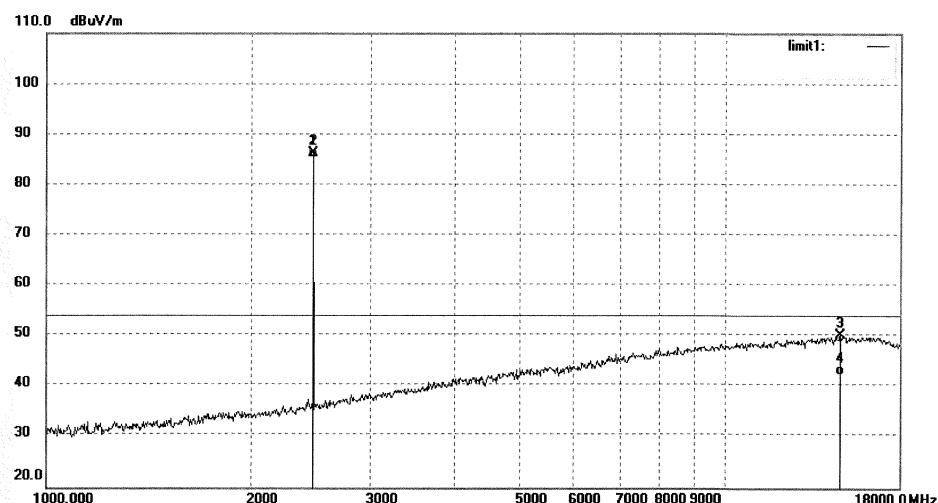
Mode: TX 2473.987MHz

Distance: 3m

Model: HC338

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 | 2473.987 | 93.74 | -7.37 | 86.37 | 114.00 | -27.63 | peak | | | |
| 2 | 2473.987 | 92.64 | -7.37 | 85.27 | 94.00 | -8.73 | AVG | | | |
| 3 | 14702.914 | 8.20 | 41.99 | 50.19 | 74.00 | -23.81 | peak | | | |
| 4 | 14702.914 | 0.49 | 41.99 | 42.48 | 54.00 | -11.52 | AVG | | | |

Prüfbericht - Nr.: **50059457 001**
Test Report No.
Seite 47 von 71
Page 47 of 71

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 #3372

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

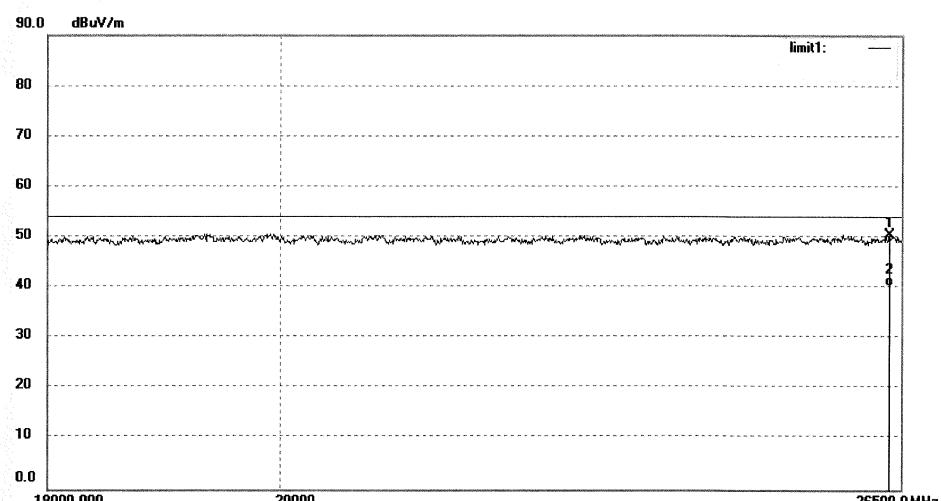
Mode: TX 2422.999MHz

Distance: 3m

Model: HC338

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 | 26356.895 | 34.04 | 16.50 | 50.54 | 74.00 | -23.46 | peak | | | |
| 2 | 26356.895 | 23.82 | 16.50 | 40.32 | 54.00 | -13.68 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 48 von 71
Page 48 of 71

ACCURATE TECHNOLOGY CO., LTD.

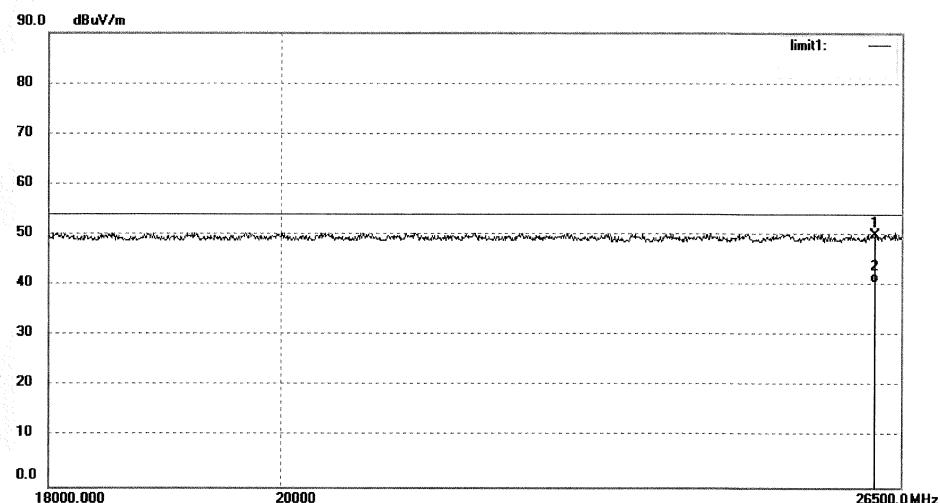
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

| | |
|---|----------------------------|
| Job No.: Igwade #3371 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 3.7V |
| Test item: Radiation Test | Date: 16/09/06/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 2.4GHz Wireless Remote control handset | Engineer Signature: LGWADE |
| Mode: TX 2422.999MHz | Distance: 3m |
| Model: HC338 | |
| 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 | 26184.163 | 33.00 | 17.11 | 50.11 | 74.00 | -23.89 | peak | | | |
| 2 | 26184.163 | 23.60 | 17.11 | 40.71 | 54.00 | -13.29 | AVG | | | |

Prüfbericht - Nr.: **50059457 001**
Test Report No.
Seite 49 von 71
Page 49 of 71

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 #3373

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

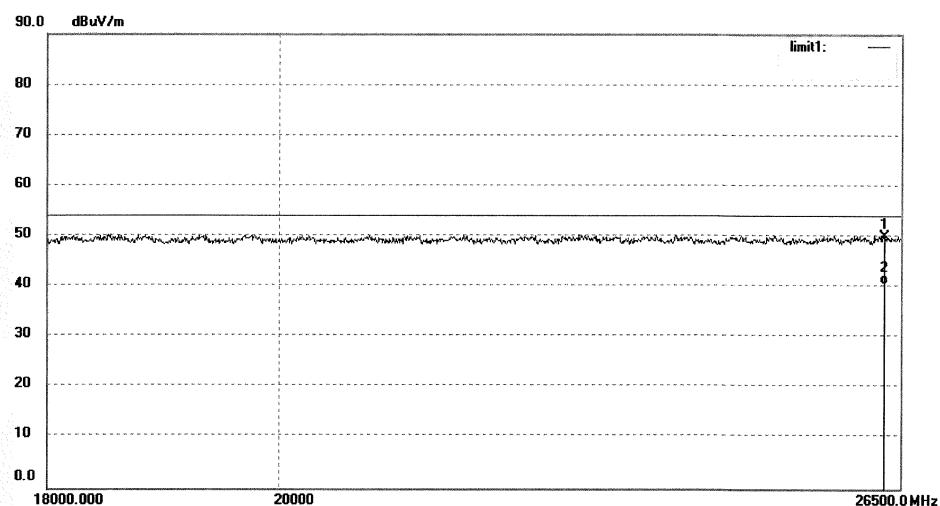
Mode: TX 2448.393MHz

Distance: 3m

Model: HC338

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 | 26295.801 | 33.53 | 16.50 | 50.03 | 74.00 | -23.97 | peak | | | |
| 2 | 26295.801 | 24.07 | 16.50 | 40.57 | 54.00 | -13.43 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 50 von 71
Page 50 of 71

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 #3374

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

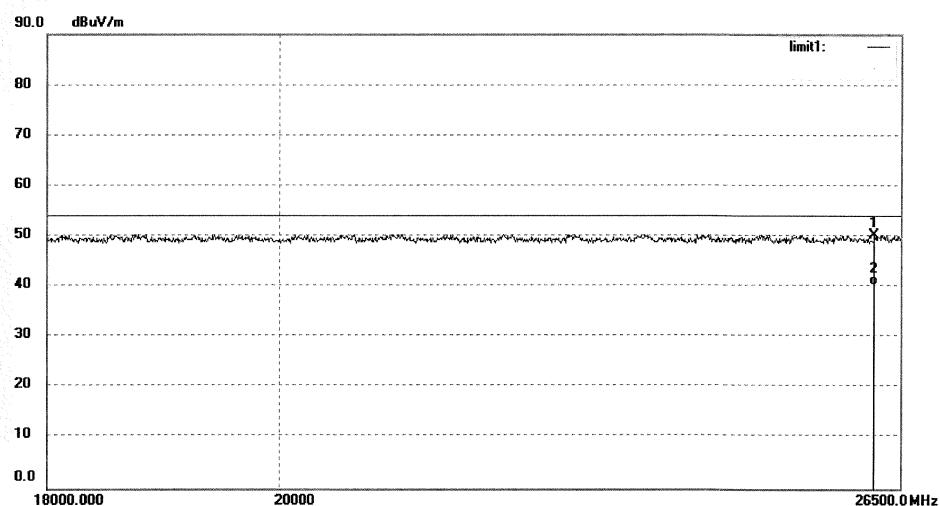
Mode: TX 2448.393MHz

Distance: 3m

Model: HC338

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 | 26184.163 | 33.16 | 17.11 | 50.27 | 74.00 | -23.73 | peak | | | |
| 2 | 26184.163 | 23.24 | 17.11 | 40.35 | 54.00 | -13.65 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 51 von 71
Page 51 of 71

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 #3376

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

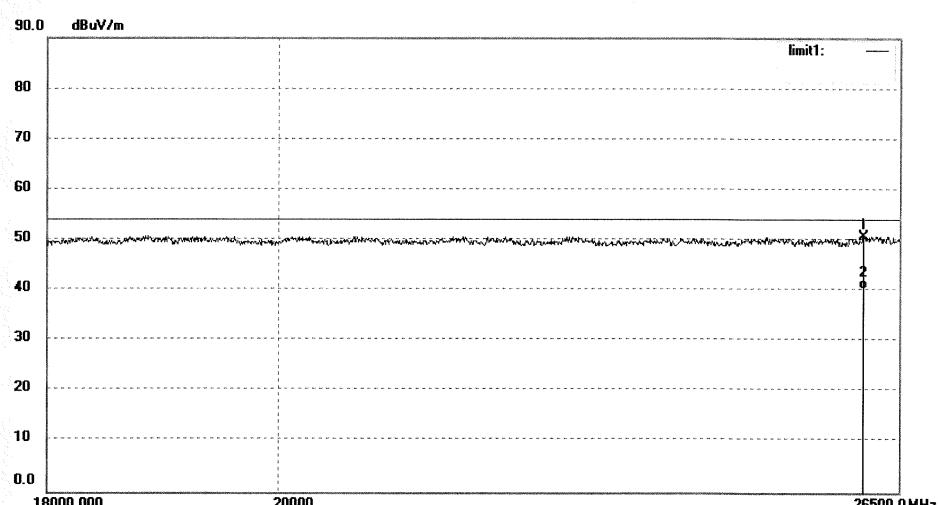
Mode: TX 2473.987MHz

Distance: 3m

Model: HC338

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 | 26072.999 | 34.28 | 16.50 | 50.78 | 74.00 | -23.22 | peak | | | |
| 2 | 26072.999 | 23.95 | 16.50 | 40.45 | 54.00 | -13.55 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 52 von 71
Page 52 of 71

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 #3375

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

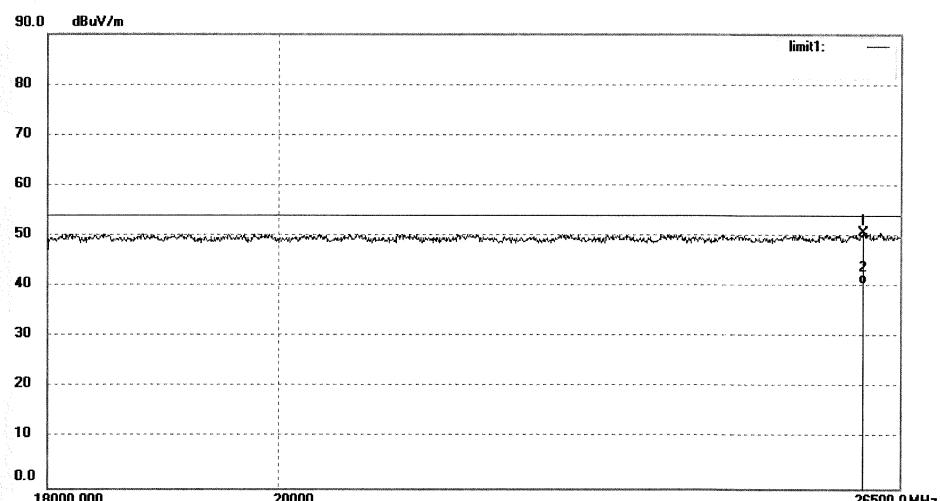
Mode: TX 2473.987MHz

Distance: 3m

Model: HC338

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 | 26052.838 | 33.57 | 17.20 | 50.77 | 74.00 | -23.23 | peak | | | |
| 2 | 26052.838 | 23.34 | 17.20 | 40.54 | 54.00 | -13.46 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 53 von 71
Page 53 of 71
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.: Igwade #3364

Polarization: Horizontal

Standard: FCC (Band Edge)

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

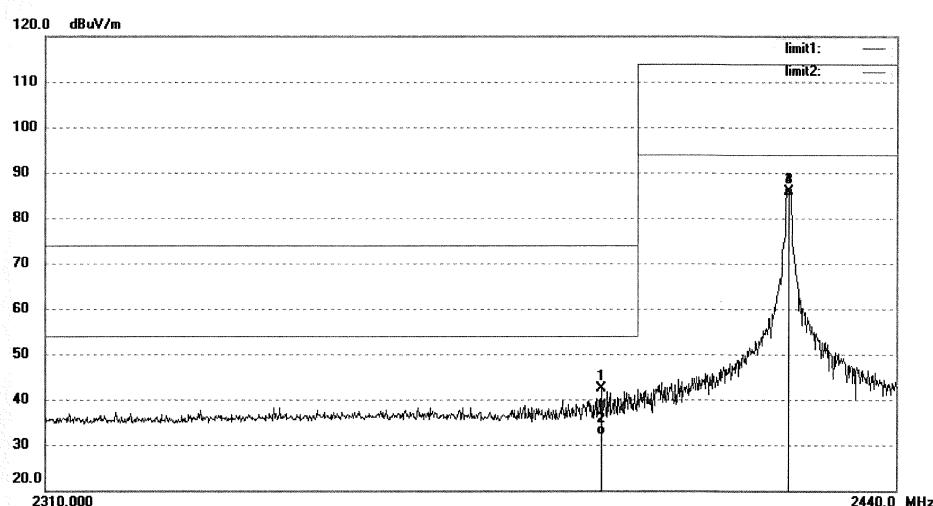
Mode: TX 2422.999MHz

Distance: 3m

Model: HC338

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 | 2394.240 | 49.96 | -7.50 | 42.46 | 74.00 | -31.54 | peak | | | |
| 2 | 2394.240 | 39.64 | -7.50 | 32.14 | 54.00 | -21.86 | AVG | | | |
| 3 | 2423.000 | 93.34 | -7.40 | 85.94 | 114.00 | -28.06 | peak | | | |
| 4 | 2423.000 | 92.24 | -7.40 | 84.84 | 94.00 | -9.16 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 54 von 71
Page 54 of 71

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 #3363

Polarization: Vertical

Standard: FCC (Band Edge)

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

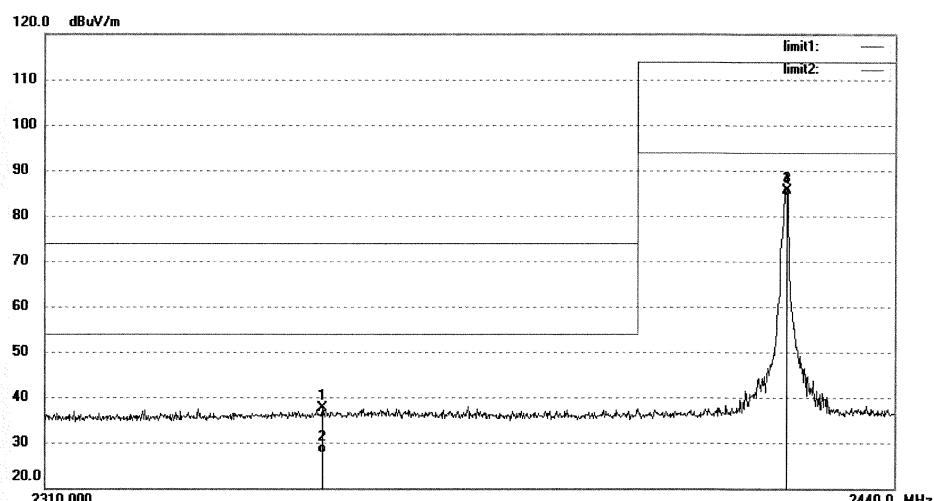
Mode: TX 2422.999MHz

Distance: 3m

Model: HC338

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 | 2351.730 | 45.30 | -7.78 | 37.52 | 74.00 | -36.48 | peak | | | |
| 2 | 2351.730 | 35.34 | -7.78 | 27.56 | 54.00 | -26.44 | AVG | | | |
| 3 | 2423.000 | 92.98 | -7.40 | 85.58 | 114.00 | -28.42 | peak | | | |
| 4 | 2423.000 | 91.88 | -7.40 | 84.48 | 94.00 | -9.52 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 55 von 71
Page 55 of 71

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 #3369

Polarization: Horizontal

Standard: FCC (Band Edge)

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

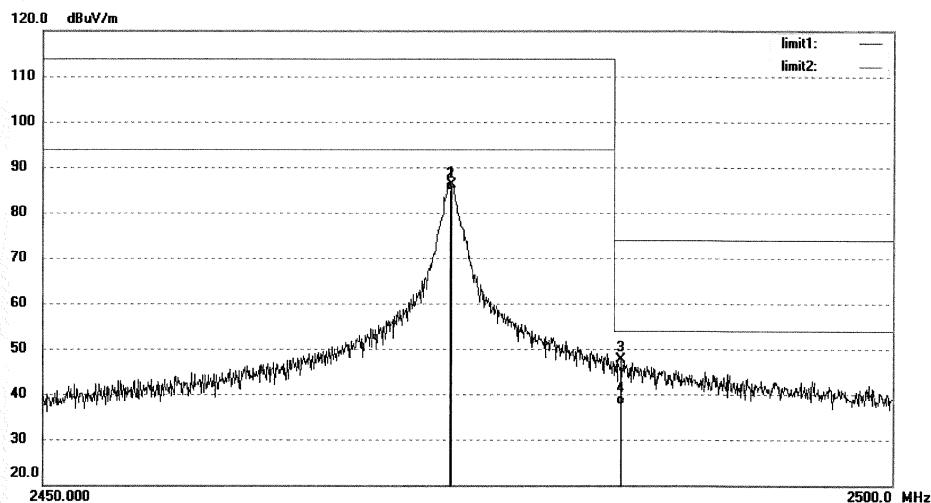
Mode: TX 2473.987MHz

Distance: 3m

Model: HC338

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 | 2474.000 | 93.39 | -7.37 | 86.02 | 114.00 | -27.98 | peak | | | |
| 2 | 2474.000 | 92.29 | -7.37 | 84.92 | 94.00 | -9.08 | AVG | | | |
| 3 | 2483.950 | 54.97 | -7.38 | 47.59 | 74.00 | -26.41 | peak | | | |
| 4 | 2483.950 | 44.91 | -7.38 | 37.53 | 54.00 | -16.47 | AVG | | | |

Prüfbericht - Nr.: **50059457 001**
Test Report No.
Seite 56 von 71
Page 56 of 71

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 #3370

Polarization: Vertical

Standard: FCC (Band Edge)

Power Source: DC 3.7V

Test item: Radiation Test

Date: 16/09/06/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

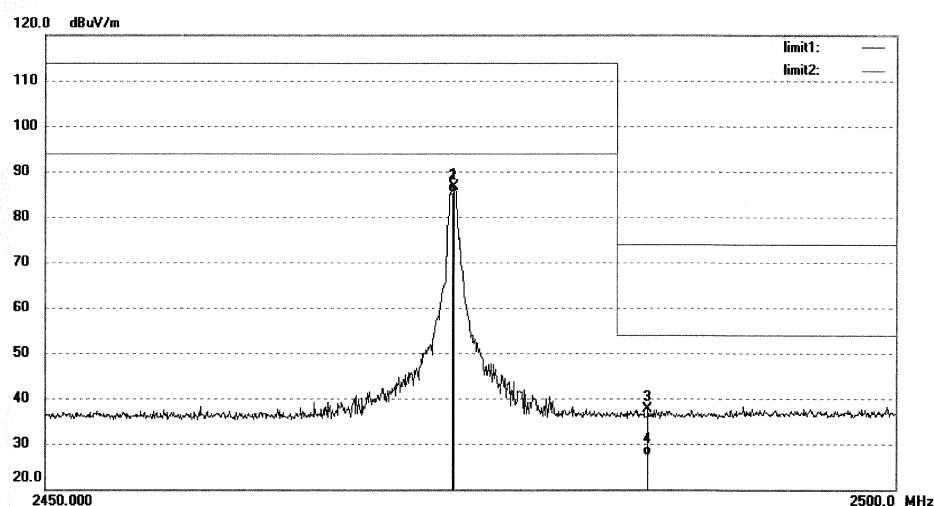
Mode: TX 2473.987MHz

Distance: 3m

Model: HC338

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 | 2474.000 | 93.94 | -7.37 | 86.57 | 114.00 | -27.43 | peak | | | |
| 2 | 2474.000 | 92.84 | -7.37 | 85.47 | 94.00 | -8.53 | AVG | | | |
| 3 | 2485.350 | 45.02 | -7.38 | 37.64 | 74.00 | -36.36 | peak | | | |
| 4 | 2485.350 | 34.79 | -7.38 | 27.41 | 54.00 | -26.59 | AVG | | | |

Prüfbericht - Nr.: 50059457 001
*Test Report No.*Seite 57 von 71
Page 57 of 71**5.1.5 Conducted emissions****RESULT:****Pass**

| | | |
|-------------------|---|---|
| Date of testing | : | 2016-09-10 |
| 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, B |
| Earthing | : | Not Connected |
| Ambient temperature | : | 22°C |
| Relative humidity | : | 55% |
| Atmospheric pressure | : | 101kPa |

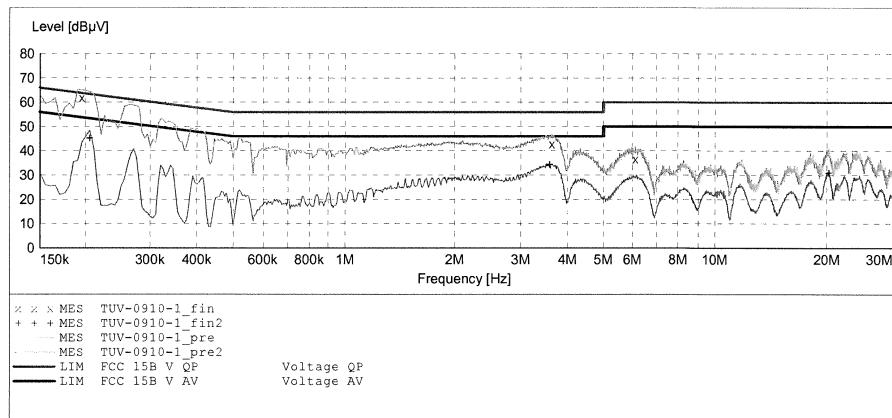
For details refer to following test plot.

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 58 von 71
Page 58 of 71
ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 2.4GHz Wireless Remote control handset M/N:HC338
 Manufacturer: Limoss
 Operating Condition: Transmitting
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 9/10/2016 /

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

| Start Frequency | Stop Frequency | Step Width | Detector | Meas. | IF Time | Transducer 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-0910-1_fin"

| 9/10/2016 | Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
|-----------|-----------|------------|--------|------------|--------|----------|------|-----|
| | MHz | dB μ V | dB | dB μ V | dB | | | |
| | 0.195000 | 61.90 | 10.5 | 64 | 1.9 | QP | L1 | GND |
| | 3.630000 | 42.80 | 11.1 | 56 | 13.2 | QP | L1 | GND |
| | 6.110000 | 36.60 | 11.2 | 60 | 23.4 | QP | L1 | GND |

MEASUREMENT RESULT: "TUV-0910-1_fin2"

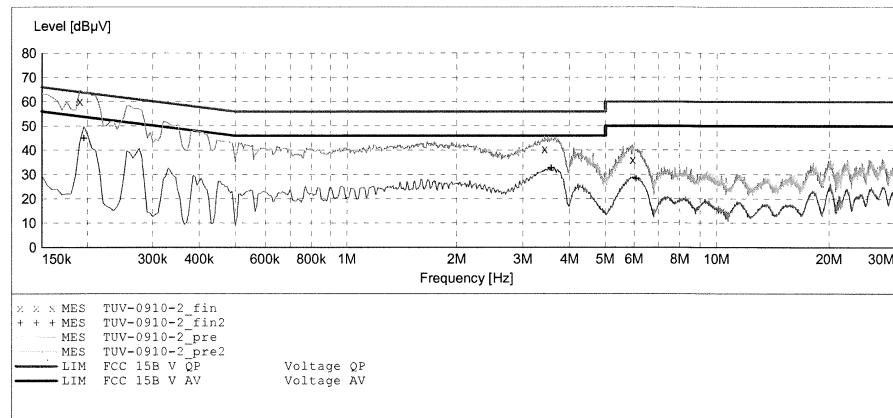
| 9/10/2016 | Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
|-----------|-----------|------------|--------|------------|--------|----------|------|-----|
| | MHz | dB μ V | dB | dB μ V | dB | | | |
| | 0.205000 | 45.10 | 10.5 | 53 | 8.3 | AV | L1 | GND |
| | 3.580000 | 34.30 | 11.1 | 46 | 11.7 | AV | L1 | GND |
| | 20.230000 | 30.90 | 11.4 | 50 | 19.1 | AV | L1 | GND |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 59 von 71
Page 59 of 71
ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 2.4GHz Wireless Remote control handset M/N:HC338
 Manufacturer: Limoss
 Operating Condition: Transmitting
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 9/10/2016 /

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

| Start Frequency | Stop Frequency | Step Width | Detector | Meas. | IF Time | Transducer 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-0910-2_fin"

| 9/10/2016 | Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
|-----------|-----------|------------|--------|------------|--------|----------|------|-----|
| | MHz | dB μ V | dB | dB μ V | dB | | | |
| | 0.190000 | 60.20 | 10.5 | 64 | 3.8 | QP | N | GND |
| | 3.430000 | 40.50 | 11.1 | 56 | 15.5 | QP | N | GND |
| | 5.950000 | 36.10 | 11.2 | 60 | 23.9 | QP | N | GND |

MEASUREMENT RESULT: "TUV-0910-2_fin2"

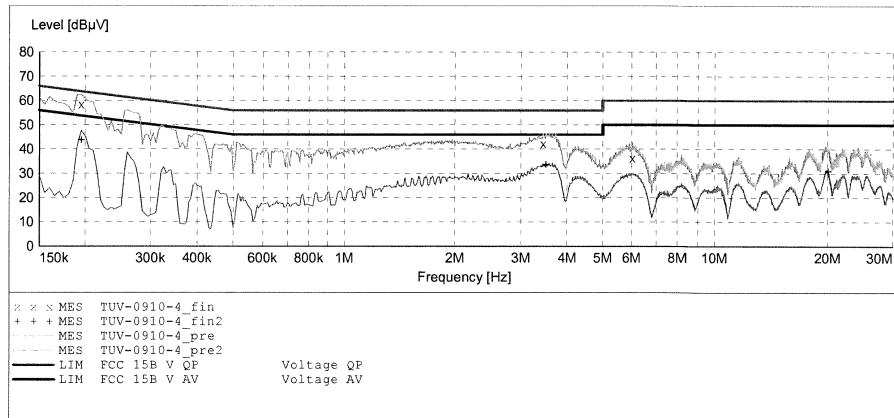
| 9/10/2016 | Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
|-----------|-----------|------------|--------|------------|--------|----------|------|-----|
| | MHz | dB μ V | dB | dB μ V | dB | | | |
| | 0.195000 | 44.90 | 10.5 | 54 | 8.9 | AV | N | GND |
| | 3.570000 | 32.70 | 11.1 | 46 | 13.3 | AV | N | GND |
| | 6.070000 | 28.20 | 11.2 | 50 | 21.8 | AV | N | GND |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 60 von 71
Page 60 of 71
ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 2.4GHz Wireless Remote control handset M/N:HC338
 Manufacturer: Limoss
 Operating Condition: Charging
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 9/10/2016 / 5:52:37PM

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

| Start Frequency | Stop Frequency | Step Width | Detector | Meas. | IF Time | Transducer 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-0910-4_fin"

| 9/10/2016 5:55PM | Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
|------------------|-----------|------------|--------|------------|--------|----------|------|-----|
| | MHz | dB μ V | dB | dB μ V | dB | | | |
| | 0.195000 | 58.50 | 10.5 | 64 | 5.3 | QP | L1 | GND |
| | 3.440000 | 42.20 | 11.1 | 56 | 13.8 | QP | L1 | GND |
| | 6.030000 | 36.30 | 11.2 | 60 | 23.7 | QP | L1 | GND |

MEASUREMENT RESULT: "TUV-0910-4_fin2"

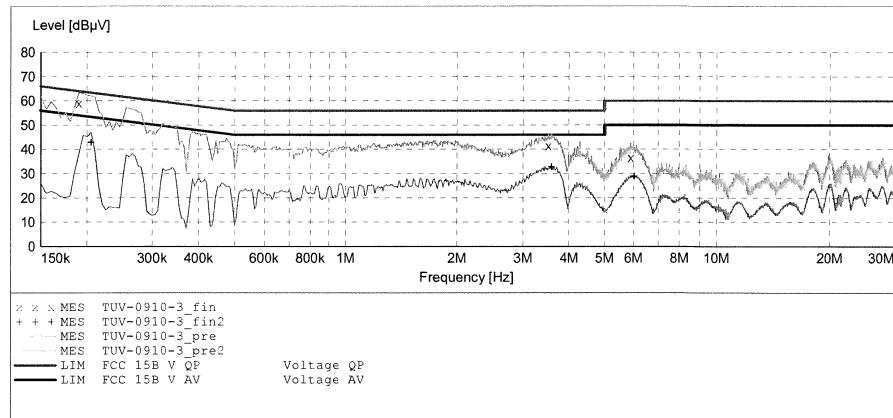
| 9/10/2016 5:55PM | Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
|------------------|-----------|------------|--------|------------|--------|----------|------|-----|
| | MHz | dB μ V | dB | dB μ V | dB | | | |
| | 0.195000 | 43.70 | 10.5 | 54 | 10.1 | AV | L1 | GND |
| | 3.500000 | 33.60 | 11.1 | 46 | 12.4 | AV | L1 | GND |
| | 20.020000 | 30.90 | 11.4 | 50 | 19.1 | AV | L1 | GND |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 61 von 71
Page 61 of 71
ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 2.4GHz Wireless Remote control handset M/N:HC338
 Manufacturer: Limoss
 Operating Condition: Charging
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 9/10/2016 / 5:48:47PM

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-0910-3_fin"

| 9/10/2016 5:52PM | Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
|------------------|-----------|------------|--------|------------|--------|----------|------|-----|
| | MHz | dB μ V | dB | dB μ V | dB | | | |
| | 0.190000 | 59.00 | 10.5 | 64 | 5.0 | QP | N | GND |
| | 3.510000 | 41.40 | 11.1 | 56 | 14.6 | QP | N | GND |
| | 5.890000 | 36.60 | 11.2 | 60 | 23.4 | QP | N | GND |

MEASUREMENT RESULT: "TUV-0910-3_fin2"

| 9/10/2016 5:52PM | Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
|------------------|-----------|------------|--------|------------|--------|----------|------|-----|
| | MHz | dB μ V | dB | dB μ V | dB | | | |
| | 0.205000 | 42.80 | 10.5 | 53 | 10.6 | AV | N | GND |
| | 3.580000 | 32.70 | 11.1 | 46 | 13.3 | AV | N | GND |
| | 6.020000 | 28.80 | 11.2 | 50 | 21.2 | AV | N | GND |

Prüfbericht - Nr.: 50059457 001
*Test Report No.*Seite 62 von 71
*Page 62 of 71***5.1.6 Radiated Emission****RESULT:****Pass**

| | | |
|--------------------------|---|--|
| Date of testing | : | 2016-09-10 |
| 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.

Prüfbericht - Nr.: **50059457 001**
Test Report No.

Seite 63 von 71
Page 63 of 71



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 #3423

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 16/09/10/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

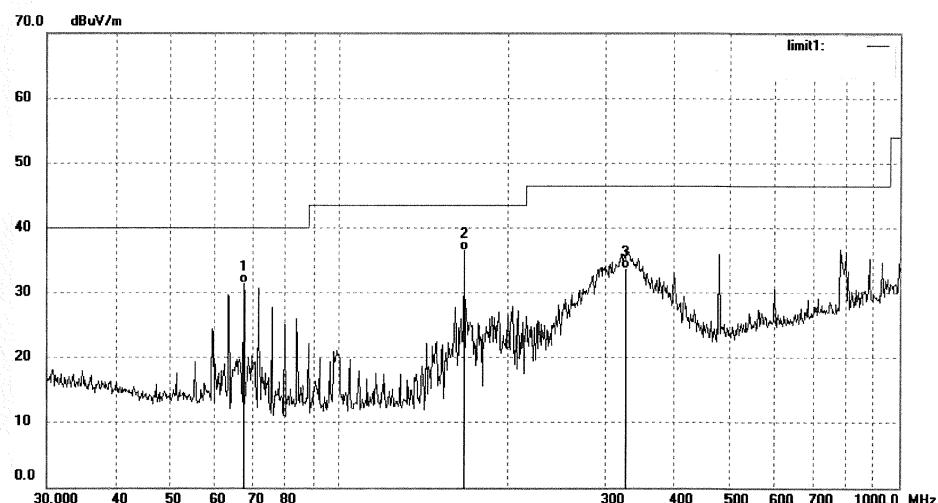
Mode: Charging

Distance: 3m

Model: HC338

Manufacturer: Limoss

Note:



Produkte
Products
Prüfbericht - Nr.:
50059457 001
Test Report No.
Seite 64 von 71
Page 64 of 71

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 #3424

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 16/09/10/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

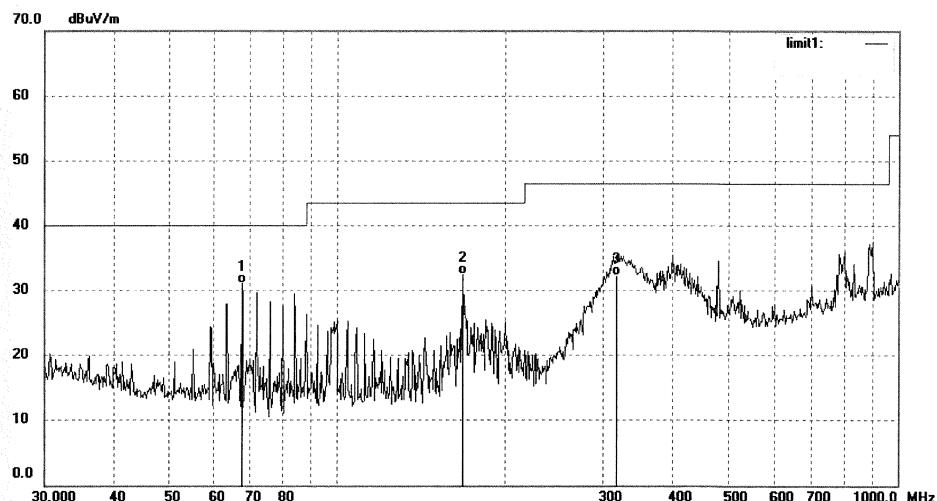
Mode: Charging

Distance: 3m

Model: HC338

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 | 67.4381 | 46.99 | -15.91 | 31.08 | 40.00 | -8.92 | QP | | | |
| 2 | 167.8242 | 46.40 | -14.02 | 32.38 | 43.50 | -11.12 | QP | | | |
| 3 | 317.7010 | 41.17 | -8.81 | 32.36 | 46.40 | -14.04 | QP | | | |

Prüfbericht - Nr.: 50059457 001
Test Report No.
Seite 65 von 71
Page 65 of 71

ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: LGWADE #3426

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 16/09/10/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

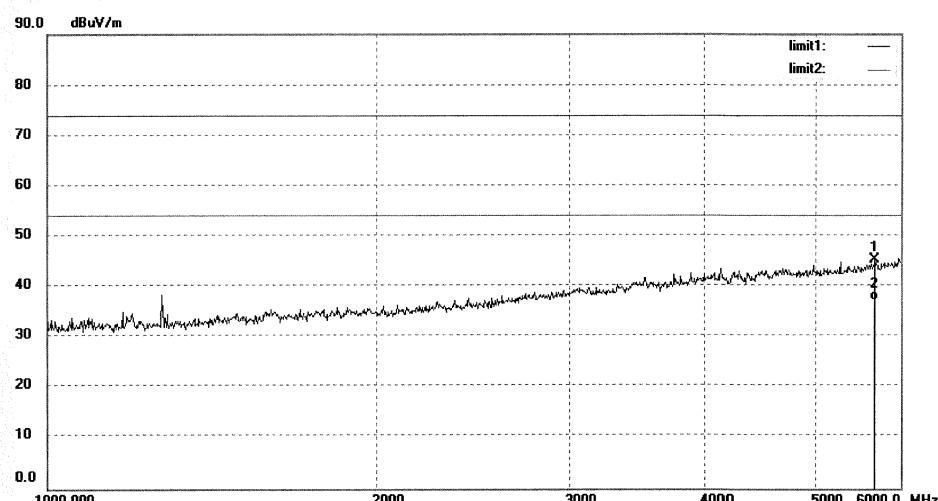
Mode: Charging

Distance: 3m

Model: HC338

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 | 5675.819 | 44.17 | 1.20 | 45.37 | 74.00 | -28.63 | peak | | | |
| 2 | 5675.819 | 36.06 | 1.20 | 37.26 | 54.00 | -16.74 | AVG | | | |

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Prüfbericht - Nr.:
50059457 001
Test Report No.
Seite 66 von 71
Page 66 of 71

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 #3425

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 16/09/10/

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

Time:

EUT: 2.4GHz Wireless Remote control handset

Engineer Signature: LGWADE

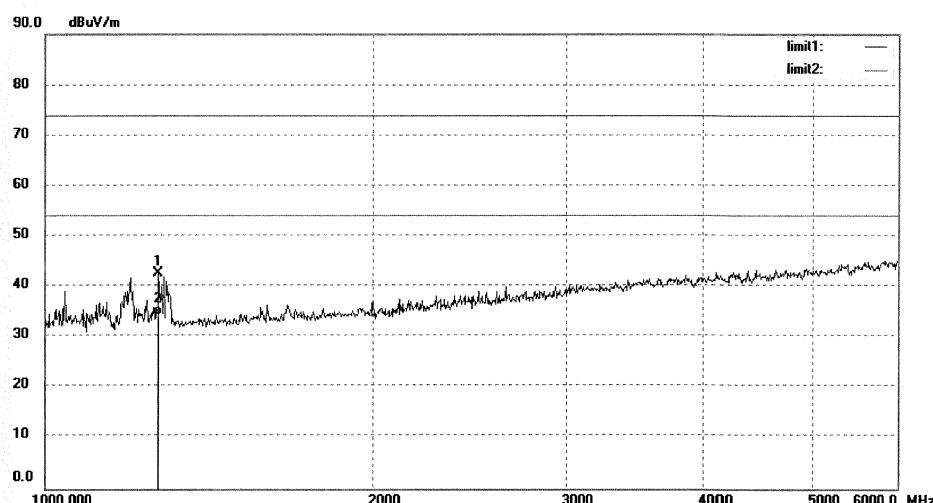
Mode: Charging

Distance: 3m

Model: HC338

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 | 1269.095 | 54.83 | -12.26 | 42.57 | 74.00 | -31.43 | peak | | | |
| 2 | 1269.095 | 46.50 | -12.26 | 34.24 | 54.00 | -19.76 | AVG | | | |

6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass**

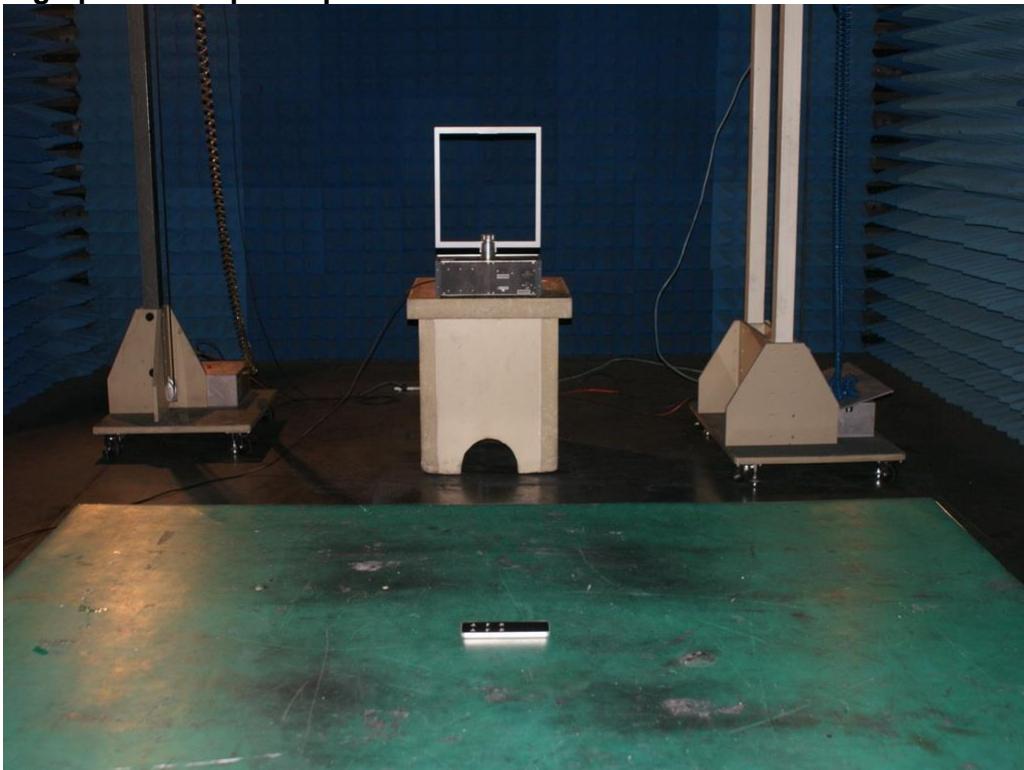
Test standard : RSS-102 Issue 5 March 2015
FCC KDB Publication 447498 D01 v06

The maximum output power of the transmitter is 0.122mW (-9.12dBm) only, which less than 4mW. Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 5.

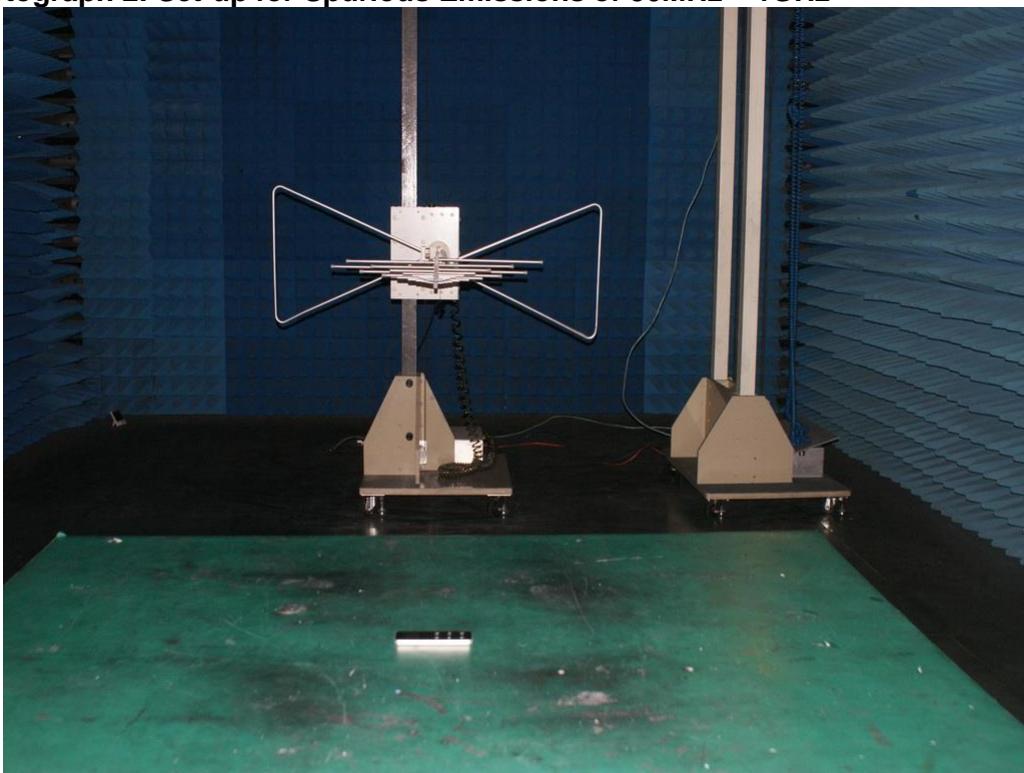
Since maximum output power of the transmitter is 0.122mW<10mW, and the distance from EUT to human is $\geq 5\text{mm}$, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 General RF Exposure Guidance v06.

7. Photographs of the Test Set-Up

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



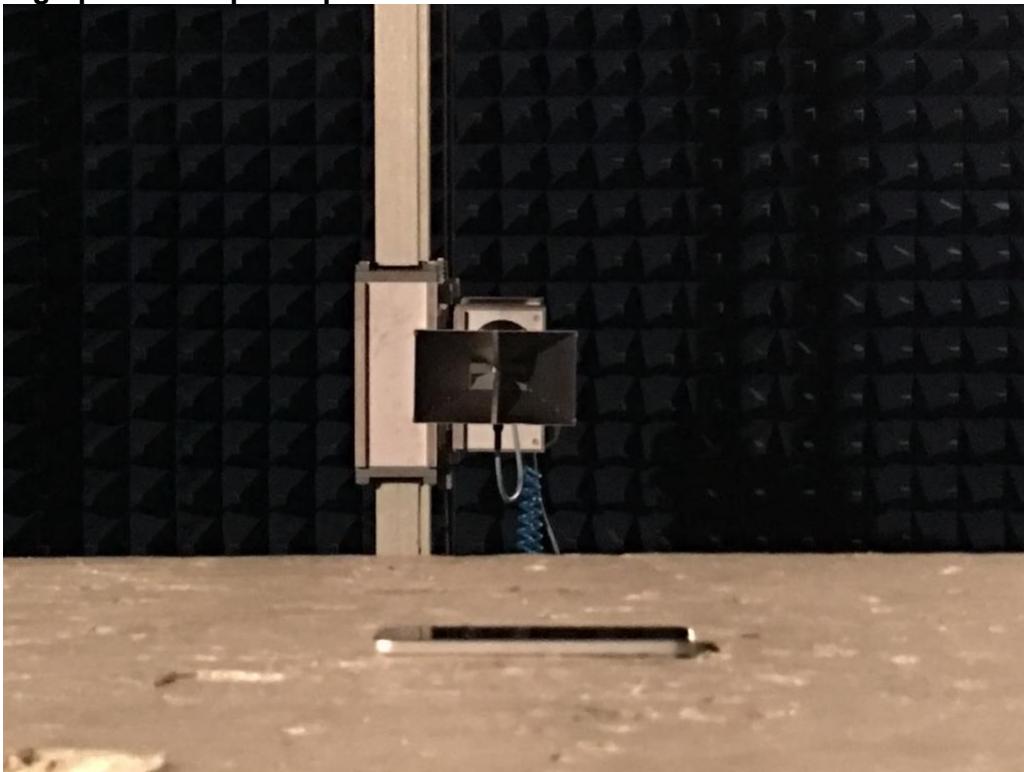
Photograph 2: Set-up for Spurious Emissions of 30MHz – 1GHz



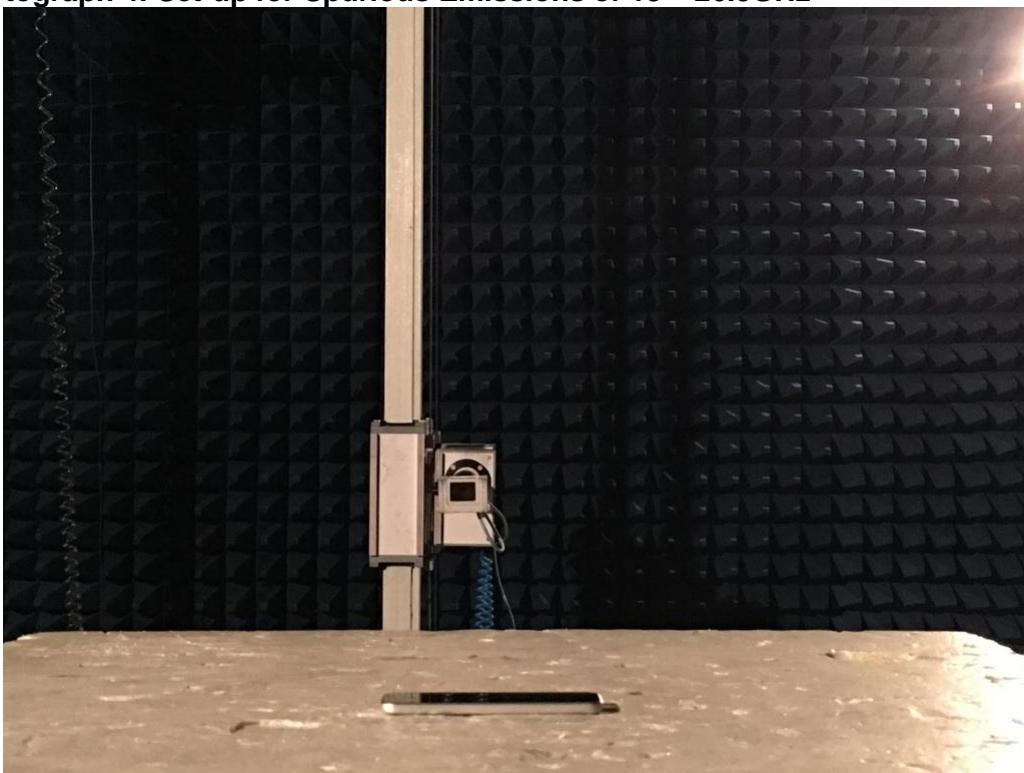
Prüfbericht - Nr.: 50059457 001
Test Report No.

Seite 69 von 71
Page 69 of 71

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



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



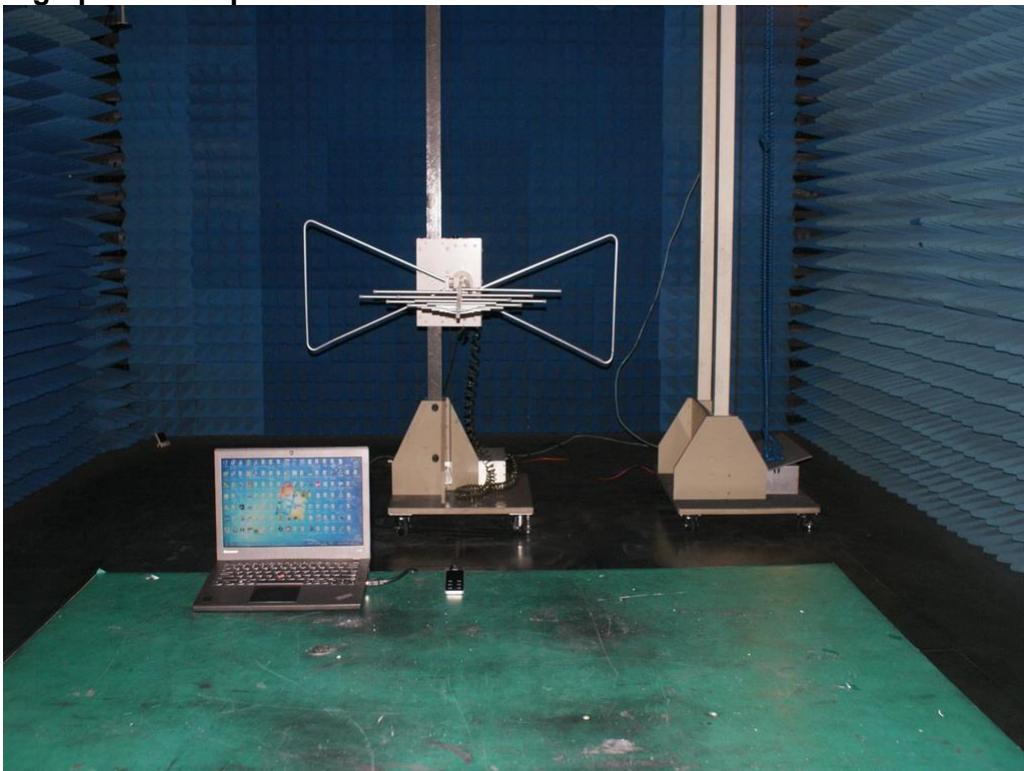
Prüfbericht - Nr.: **50059457 001**
Test Report No.

Seite 70 von 71
Page 70 of 71

Photograph 5: Set-up for Conducted Emission



Photograph 6: Set-up for Radiated 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 2473.987MHz: 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 |
| Photograph 6: Set-up for Radiated Emission | 70 |