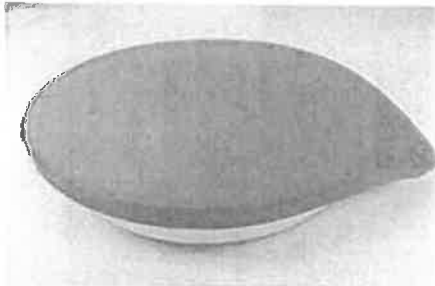


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                            |            |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------|
| <b>Prüfbericht-Nr.:</b><br><i>Test Report No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17043151 001                                                                                                                                                                                                                                                                       | <b>Auftrags-Nr.:</b><br><i>Order No.:</i>                                                                                                                                                                  | 164018179  | Seite 1 von 57<br>Page 1 of 57 |
| <b>Kunden-Referenz-Nr.:</b><br><i>Client Reference No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                           | N/A                                                                                                                                                                                                                                                                                | <b>Auftragsdatum:</b><br><i>Order date:</i>                                                                                                                                                                | 16.07.2014 |                                |
| <b>Auftraggeber:</b><br><i>Client:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Adaptics Ltd.<br>Unit 3, Excise Building, Mayor Sq. IFSC, Dublin, Ireland                                                                                                                                                                                                          |                                                                                                                                                                                                            |            |                                |
| <b>Prüfgegenstand:</b><br><i>Test item:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drop                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                            |            |                                |
| <b>Bezeichnung / Typ-Nr.:</b><br><i>Identification / Type No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                    | D600A                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                            |            |                                |
| <b>Auftrags-Inhalt:</b><br><i>Order content:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FCC Certification      IC Certification                                                                                                                                                                                                                                            |                                                                                                                                                                                                            |            |                                |
| <b>Prüfgrundlage:</b><br><i>Test specification:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FCC CFR47 Part 15: Subpart C Section 15.247<br>FCC CFR47 Part 15: Subpart C Section 15.207<br>FCC CFR47 Part 15: Subpart C Section 15.209<br>FCC KDB publication 447498 D01 v05r02<br>RSS-Gen Issue 3 December 2010<br>RSS-210 Issue 8 December 2010<br>RSS-102 Issue 4 March 2010 |                                                                                                                                                                                                            |            |                                |
| <b>Wareneingangsdatum:</b><br><i>Date of receipt:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 16.07.2014                                                                                                                                                                                                                                                                         |                                                                                                                        |            |                                |
| <b>Prüfmuster-Nr.:</b><br><i>Test sample No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A000104500 001-003                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                            |            |                                |
| <b>Prüfzeitraum:</b><br><i>Testing period:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 16.08.2014 - 21.08.2014                                                                                                                                                                                                                                                            |                                                                                                                                                                                                            |            |                                |
| <b>Ort der Prüfung:</b><br><i>Place of testing:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Accurate Technology Co., Ltd.                                                                                                                                                                                                                                                      |                                                                                                                                                                                                            |            |                                |
| <b>Prüflaboratorium:</b><br><i>Testing laboratory:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                | TÜV Rheinland (Shenzhen)<br>Co., Ltd.                                                                                                                                                                                                                                              |                                                                                                                                                                                                            |            |                                |
| <b>Prüfresultat*:</b><br><i>Test result*:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Pass                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                            |            |                                |
| <b>geprüft von / tested by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                    | <b>kontrolliert von / reviewed by:</b>                                                                                                                                                                     |            |                                |
| <br>10.10.2014 Tom Wang/Assistant Project Manager<br>Datum Name / Stellung Unterschrift<br>Date Name / Position Signature                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                    | <br>10.10.2014 Winnie Hou/Technical Certifier<br>Datum Name / Stellung Unterschrift<br>Date Name / Position Signature |            |                                |
| <b>Sonstiges / Other:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                            |            |                                |
| FCC ID: 2ACAY-D600A<br>IC: 11947A-D600A                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                            |            |                                |
| <b>Zustand des Prüfgegenstandes bei Anlieferung:</b><br><i>Condition of the test item at delivery:</i>                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                    | <b>Prüfmuster vollständig und unbeschädigt</b><br><i>Test item complete and undamaged</i>                                                                                                                  |            |                                |
| * Legende: 1 = sehr gut      2 = gut      3 = befriedigend      4 = ausreichend      5 = mangelhaft<br>P(ass) = entspricht o.g. Prüfgrundlage(n)      F(ail) = entspricht nicht o.g. Prüfgrundlage(n)      N/A = nicht anwendbar      NT = nicht getestet<br>Legend: 1 = very good      2 = good      3 = satisfactory      4 = sufficient      5 = poor<br>P(ass) = passed a.m. test specification(s)      F(ail) = failed a.m. test specification(s)      N/A = not applicable      NT = 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.<br>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.                                                          |                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                            |            |                                |

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## TEST SUMMARY

### **5.1.1 ANTENNA REQUIREMENT**

RESULT: Pass

### **5.1.2 PEAK OUTPUT POWER**

RESULT: Pass

### **5.1.3 POWER DENSITY**

RESULT: Pass

### **5.1.4 6dB BANDWIDTH**

RESULT: Pass

### **5.1.5 99% BANDWIDTH**

RESULT: Pass

### **5.1.6 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHz BANDWIDTH**

RESULT: Pass

### **5.1.7 RADIATED SPURIOUS EMISSIONS**

RESULT: Pass

### **6.1.1 ELECTROMAGNETIC FIELDS**

RESULT: Pass

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## **1. General Remarks**

### **1.1 Complementary Materials**

None.

## **2. Test Sites**

### **2.1 Test Facilities**

Accurate Technology Co., Ltd.  
F1, Bldg. A, Changyuan New Material Port, Keyuan Rd., Science & Industry Park  
Nanshan District, Shenzhen 518057, P.R. China  
FCC Registration No.: 752051  
IC OATS Registration No.: 5077A-2

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

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## 2.2 List of Test and Measurement Instruments

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

| Kind of Equipment                              | Manufacturer    | Type               | S/N        | Calibrated until |
|------------------------------------------------|-----------------|--------------------|------------|------------------|
| <b>Spurious emission and Radiated emission</b> |                 |                    |            |                  |
| Spectrum Analyzer                              | Agilent         | E7405A             | MY45115511 | 2015-01-11       |
| Test Receiver                                  | Rohde & Schwarz | ESCS30             | 100307     | 2015-01-11       |
| Bilog Antenna                                  | Schwarzbeck     | VULB9163           | 9163-323   | 2015-01-11       |
| Loop Antenna                                   | Schwarzbeck     | FMZB1516           | 1516131    | 2015-01-11       |
| Horn Antenna                                   | Schwarzbeck     | BBHA9120D          | 9120D-655  | 2015-01-11       |
| 50 Coaxial Switch                              | Anritsu Corp    | MP59B              | 6200506474 | 2015-01-11       |
| Pre-Amplifier                                  | Rohde & Schwarz | CBLU11835<br>40-01 | 3791       | 2015-01-11       |
| Broadband antenna                              | CHASE           | CBL6111C           | 2576       | 2015-01-11       |
| Horn Antenna                                   | AR              | AT4002A            | 305754     | 2015-01-11       |
| <b>Radio Test Suite</b>                        |                 |                    |            |                  |
| Receiver                                       | Rohde & Schwarz | FSV40              | 101495     | 2015-01-11       |
| <b>Conducted Emission</b>                      |                 |                    |            |                  |
| Test Receiver                                  | Rohde & Schwarz | ESCS30             | 100307     | 2015-01-11       |
| Artificial Mains Network                       | Schwarzbeck     | NLSK8126           | 8126431    | 2015-01-11       |
| Pulse Limiter                                  | Rohde & Schwarz | ESH3-Z2            | 100815     | 2015-01-11       |
| 50_ Coaxial Switch                             | Anritsu Corp    | MP59B              | 6200283933 | 2015-01-11       |

## 2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, 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

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements are  $\pm 3\text{dB}$ .

## 2.6 Location of Original Data

The original copies of all test data taken during actual testing were included in this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

## 2.7 Status of Facility Used for Testing

The Shenzhen Emtex Co., Ltd., located at Bldg 69, Majialong Industry Zone, Nanshan District, Shenzhen, P.R. China, is listed on the US Federal Communications Commission list of facilities and Industry Canada OATS list approved to perform measurements.

### 3. General Product Information

#### 3.1 Product Function and Intended Use

The EUT is a weight scale product use Bluetooth 4.0 low energy technology.  
For details refer to the User Manual and Circuit Diagram.

#### 3.2 Ratings and System Details

**Table 2: Rating of EUT**

|                     |                                   |
|---------------------|-----------------------------------|
| Product Name        | Drop                              |
| Product Discription | Drop, the Connected Kitchen Scale |
| Type Designation:   | D600A                             |
| FCC ID              | 2ACAY-D600A                       |
| IC                  | 11947A-D600A                      |

**Table 3: Technical Specification of EUT**

| Technical Specification           | Value                       |
|-----------------------------------|-----------------------------|
| Operating Frequency               | 2402-2480MHz                |
| Rated Voltage                     | DC 3.0V                     |
| Modulation                        | GFSK                        |
| Number of channel                 | 40                          |
| Chanel spacing                    | 2MHz                        |
| Bluetooth version                 | Bluetooth 4.0 (single mode) |
| Rated Maximum RF Power (e.i.r.p.) | -4 dBm                      |
| Antenna type and Gain             | PCB Antenna, 0 dBi          |

#### 3.3 Independent Operation Modes

The basic operation modes are:

- A. Transmitting
- B. Receiving
- C. Standby
- D. Off

#### 3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

## 3.5 Submitted Documents

- Block Diagram
- Bill of Material
- Rating Label
- Circuit Diagram
- Instruction Manual

## 4. Test Set-up and Operation Modes

### 4.1 Principle of Configuration Selection

**Emission:** The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

**Immunity:** The equipment under test (EUT) was configured to have its highest possible susceptibility against the tested phenomena. The test modes were adapted accordingly in reference to the instructions for use.

**Radio Spectrum:** The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted 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.

**Table 4: RF channel and frequency of EUT**

| RF Channel of Bluetooth Low Energy (LE) |                 |            |                 |            |                 |            |                 |
|-----------------------------------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|
| RF Channel                              | Frequency (MHz) | RF Channel | Frequency (MHz) | RF Channel | Frequency (MHz) | RF Channel | Frequency (MHz) |
| 0                                       | 2402.00         | 10         | 2422.00         | 20         | 2442.00         | 30         | 2462.00         |
| 1                                       | 2404.00         | 11         | 2424.00         | 21         | 2444.00         | 31         | 2464.00         |
| 2                                       | 2406.00         | 12         | 2426.00         | 22         | 2446.00         | 32         | 2466.00         |
| 3                                       | 2408.00         | 13         | 2428.00         | 23         | 2448.00         | 33         | 2468.00         |
| 4                                       | 2410.00         | 14         | 2430.00         | 24         | 2450.00         | 34         | 2470.00         |
| 5                                       | 2412.00         | 15         | 2432.00         | 25         | 2452.00         | 35         | 2472.00         |
| 6                                       | 2414.00         | 16         | 2434.00         | 26         | 2454.00         | 36         | 2474.00         |

|   |         |    |         |    |         |    |         |
|---|---------|----|---------|----|---------|----|---------|
| 7 | 2416.00 | 17 | 2436.00 | 27 | 2456.00 | 37 | 2476.00 |
| 8 | 2418.00 | 18 | 2438.00 | 28 | 2458.00 | 38 | 2478.00 |
| 9 | 2420.00 | 19 | 2440.00 | 29 | 2460.00 | 39 | 2480.00 |

### 4.3 Special Accessories and Auxiliary Equipment

Auxiliary equipment:

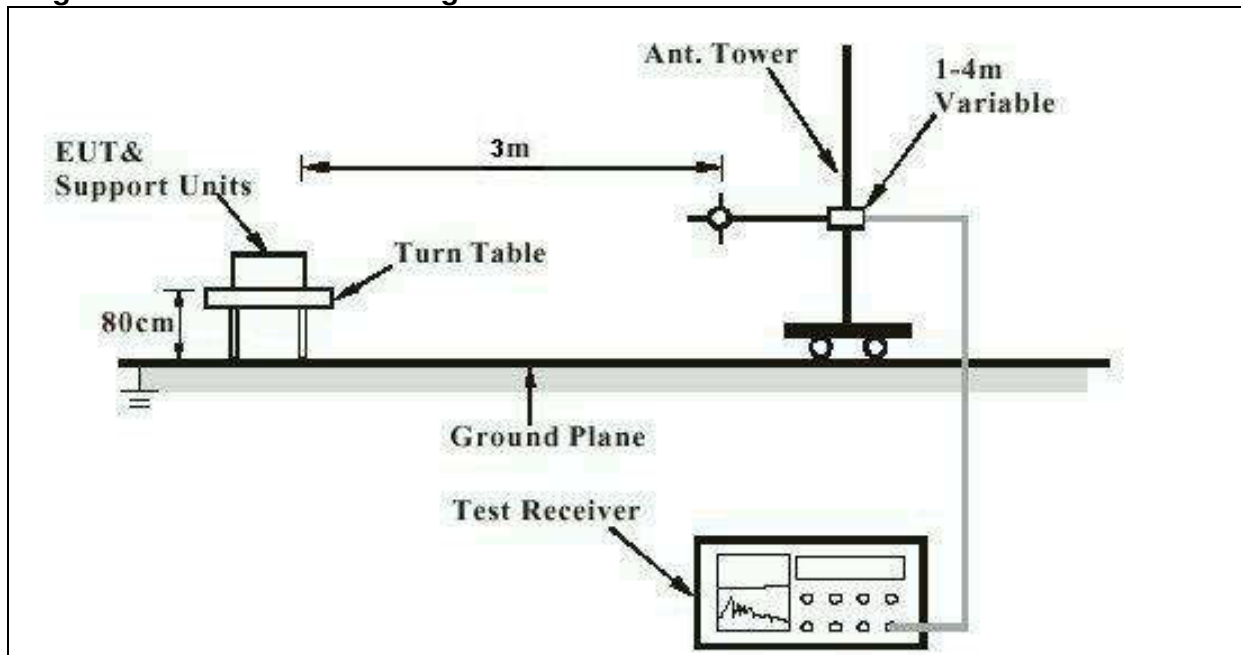
| Description | Manufacturer | Model | S/N          |
|-------------|--------------|-------|--------------|
| iPad        | Apple        | A1489 | F4MMGN5FFCM8 |

### 4.4 Countermeasures to Achieve ERM Compliance

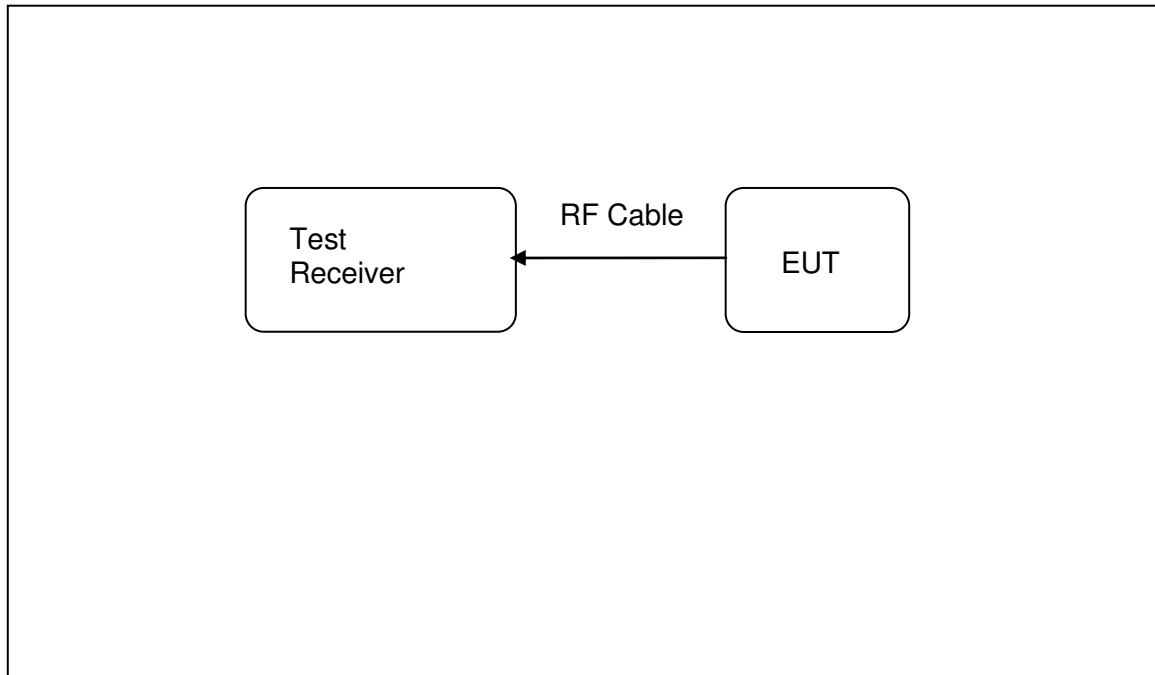
The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF). No additional measures were employed to achieve compliance.

### 4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test



**Diagram of Measurement Equipment Configuration for Conducted Transmitter Measurement**



## 5. Test Results

### 5.1 Transmitter Requirement & Test Suites

#### 5.1.1 Antenna Requirement

**RESULT:**

**Pass**

|               |   |                                                                        |
|---------------|---|------------------------------------------------------------------------|
| Test date     | : | 2014-09-16                                                             |
| Test standard | : | FCC Part 15.247(b)(4) and Part 15.203<br>RSS-Gen 7.1.4                 |
| Limit         | : | the use of antennas with directional gains that do<br>not exceed 6 dBi |

According to the manufacturer declared, the EUT has an internal PCB antenna, the directional gain of antenna is 0dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT photos for details.

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## 5.1.2 Peak Output Power

### RESULT:

**Pass**

Test date : 2014-09-18  
Test standard : FCC Part 15.247(b)(1)&(b)(3)  
RSS-210 A8.4 (2)&(4)  
Basic standard : ANSI C63.10: 2009  
Limit : 1 Watt  
Kind of test site : Shielded room

### Test setup

Test Channel : Low/ Middle/ High  
Operation Mode : A  
Ambient temperature : 23°C  
Relative humidity : 48%  
Atmospheric pressure : 101 kPa

**Table 5: Test result of Peak Output Power**

| Channel        | Channel Frequency (MHz) | Peak Output Power |      | Limit (W) |
|----------------|-------------------------|-------------------|------|-----------|
|                |                         | (dBm)             | (mW) |           |
| Low Channel    | 2402                    | -5.95             | 0.25 | 1         |
| Middle Channel | 2440                    | -6.67             | 0.22 | 1         |
| High Channel   | 2480                    | -7.15             | 0.19 | 1         |

### 5.1.3 Power Density

**RESULT:**

**Pass**

Date of testing : 2014-09-18  
Test standard : FCC Part 15.247(e)  
RSS-210 A8.2 (b)  
Basic standard : ANSI C63.10: 2009  
Limits : 8dBm/3kHz  
Kind of test site : Shielded room

**Test setup**

Test Channel : Low/ Middle/ High  
Operation mode : A  
Ambient temperature : 23°C  
Relative humidity : 48%  
Atmospheric pressure : 101 kPa

**Table 6: Test result of power density**

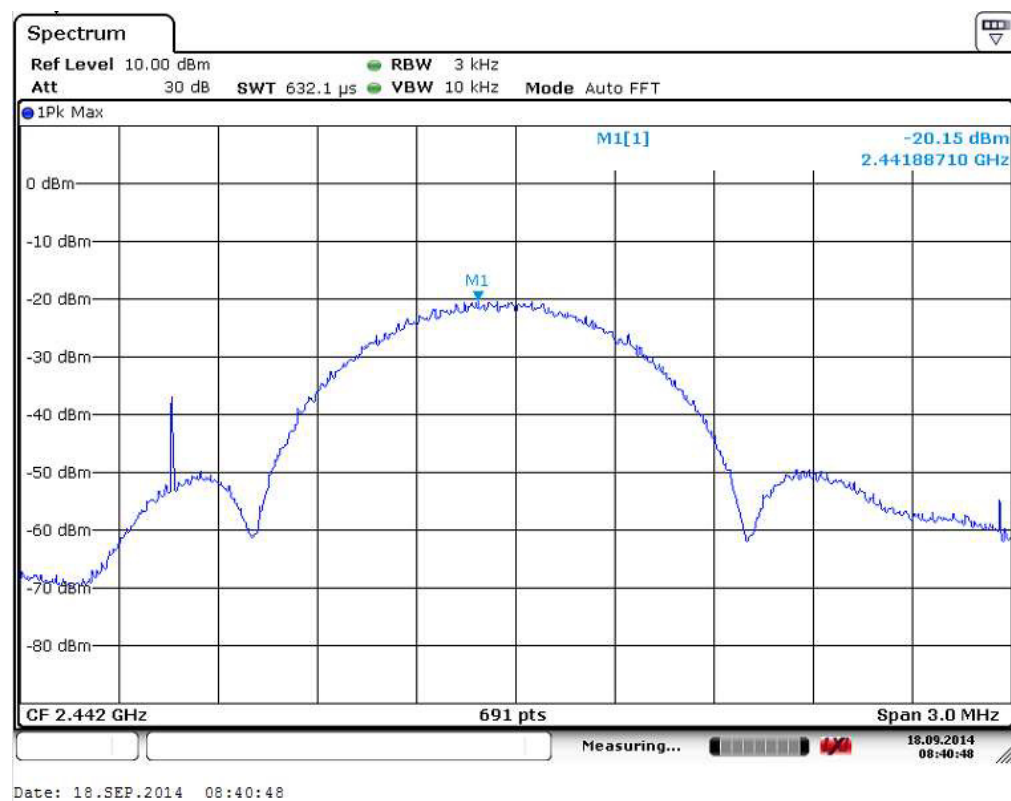
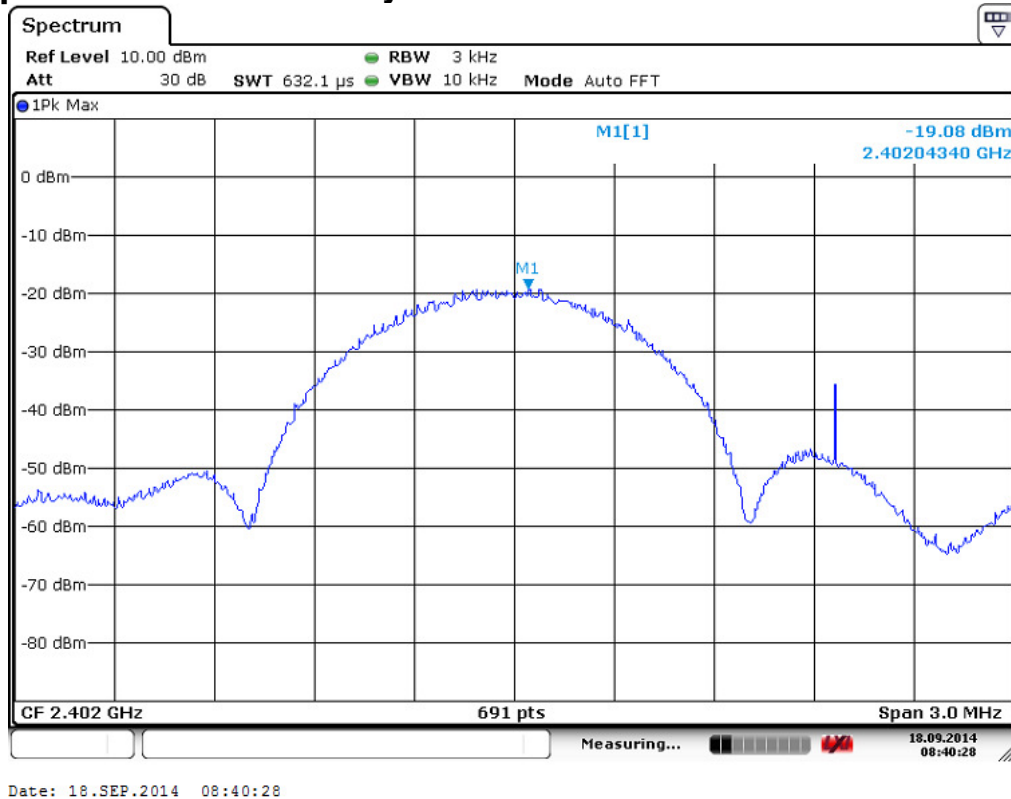
| Channel      | Channel Frequency (MHz) | Peak Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Result |
|--------------|-------------------------|-------------------------------|------------------|--------|
| Low Channel  | 2402                    | -19.08                        | 8                | Pass   |
| Mid Channel  | 2440                    | -20.15                        | 8                | Pass   |
| High Channel | 2480                    | -20.56                        | 8                | Pass   |

For details refer to the following test plots.

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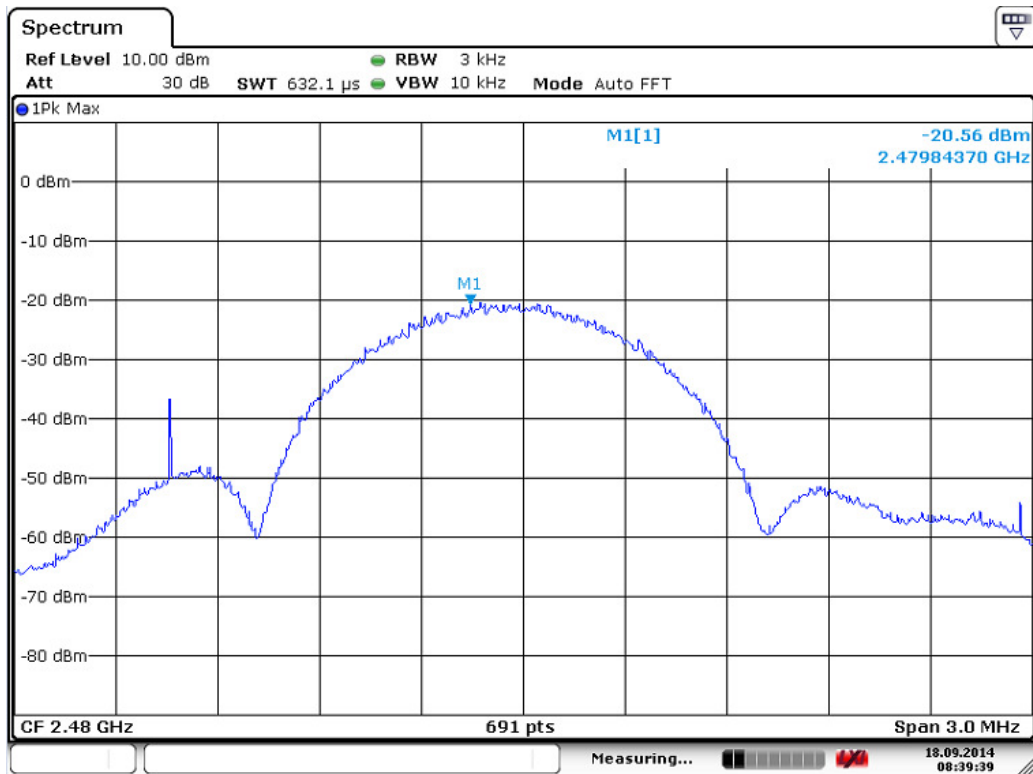
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## Test plots of Power Density



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Date: 18.SEP.2014 08:39:39

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### 5.1.4 6dB Bandwidth

**RESULT:**

**Pass**

Date of testing : 2014-09-18  
Test standard : FCC Part 15.247(a)(2)  
RSS-210 A8.2 (a)  
Basic standard : ANSI C63.10: 2009  
Kind of test site : Shielded room

**Test setup**

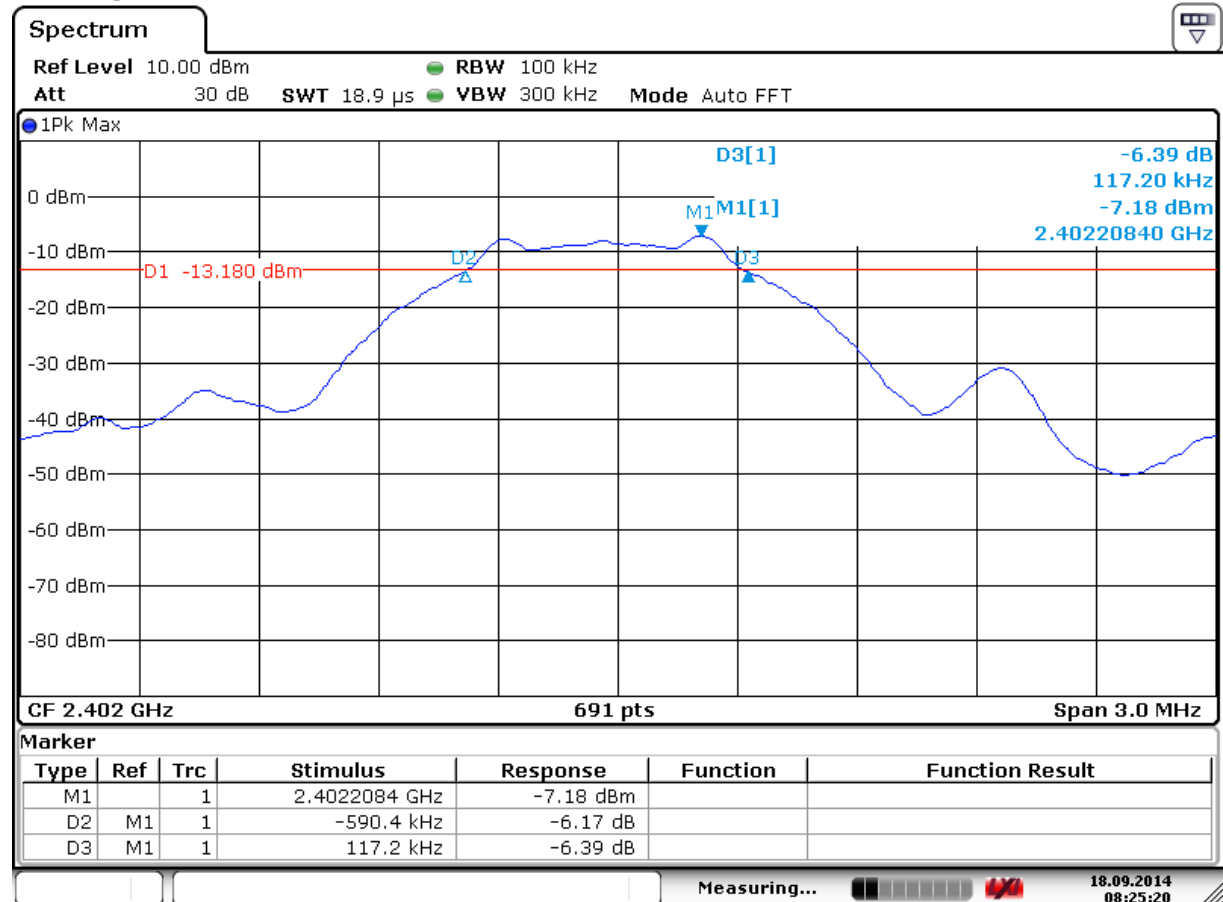
Test Channel : Low/ Middle/ High  
Operation Mode : A  
Ambient temperature : 23°C  
Relative humidity : 48%  
Atmospheric pressure : 101 kPa

**Table 7: Test result of 6dB Bandwidth**

| Channel      | Channel Frequency (MHz) | 6dB Bandwidth (kHz) | Limit (kHz) | Result |
|--------------|-------------------------|---------------------|-------------|--------|
| Low Channel  | 2402                    | 708                 | >500        | Pass   |
| Mid Channel  | 2440                    | 703                 | >500        | Pass   |
| High Channel | 2480                    | 708                 | >500        | Pass   |

For details refer to the following test plots.

## Test plots of 6dB bandwidth



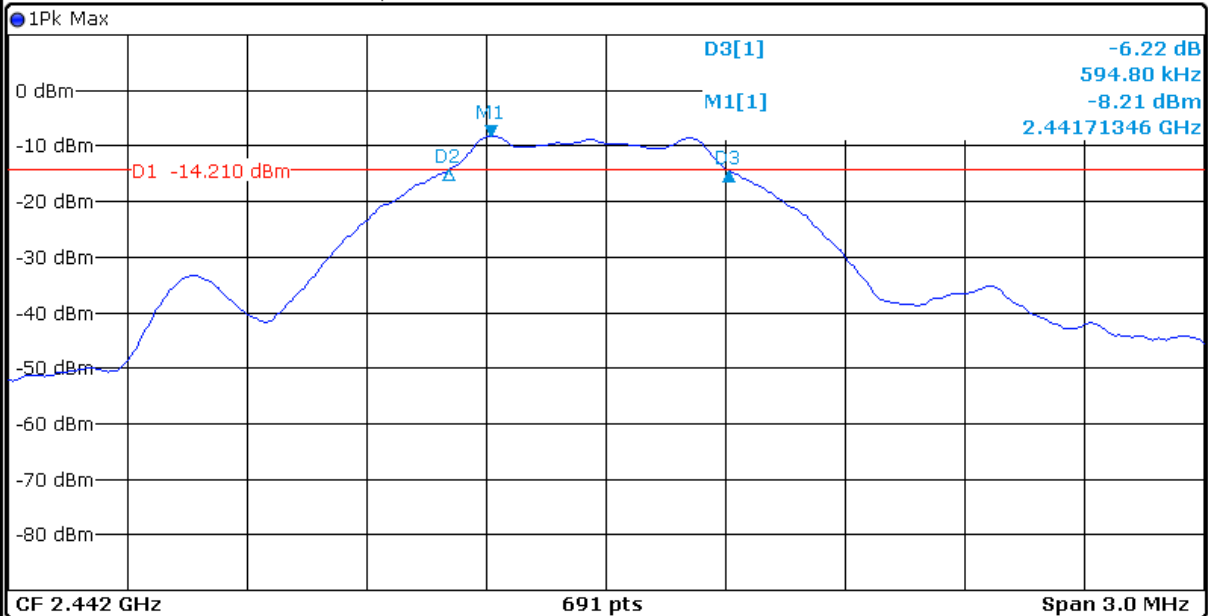
Date: 18.SEP.2014 08:25:20

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**Spectrum**

Ref Level 10.00 dBm  
Att 30 dB  
SWT 18.9  $\mu$ s  
RBW 100 kHz  
VBW 300 kHz  
Mode Auto FFT



**Marker**

| Type | Ref | Trc | Stimulus       | Response  | Function | Function Result |
|------|-----|-----|----------------|-----------|----------|-----------------|
| M1   |     | 1   | 2.44171346 GHz | -8.21 dBm |          |                 |
| D2   | M1  | 1   | -108.5 kHz     | -6.04 dB  |          |                 |
| D3   | M1  | 1   | 594.8 kHz      | -6.22 dB  |          |                 |

Measuring...

18.09.2014  
08:28:05

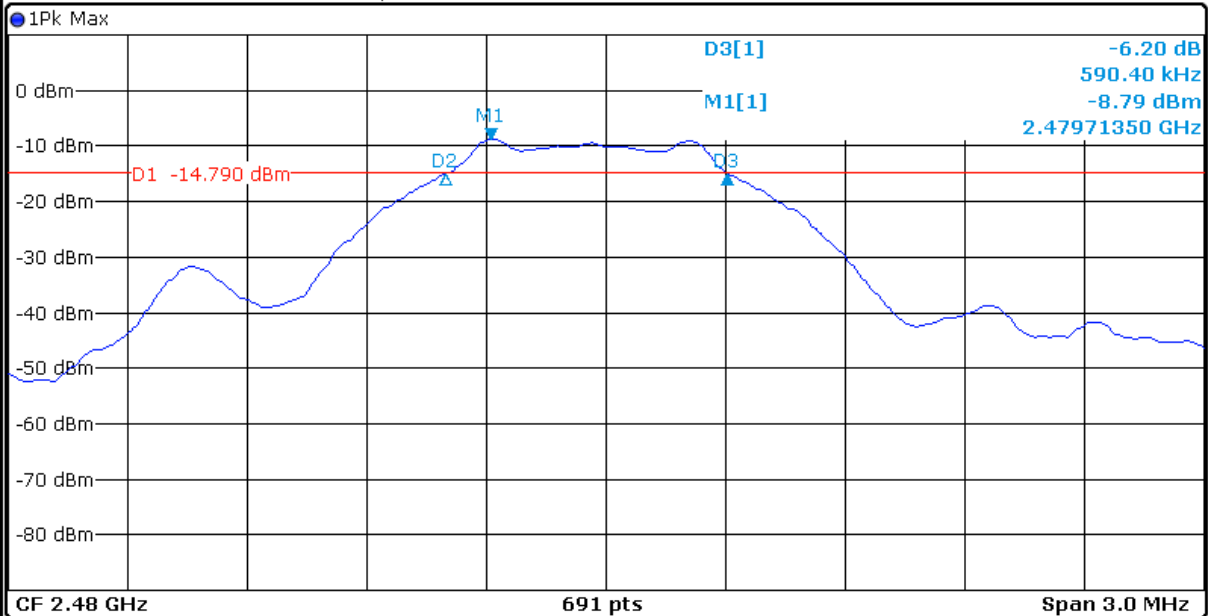
Date: 18.SEP.2014 08:28:05

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**Spectrum**

Ref Level 10.00 dBm  
Att 30 dB  
SWT 18.9  $\mu$ s  
RBW 100 kHz  
VBW 300 kHz  
Mode Auto FFT



**Marker**

| Type | Ref | Trc | Stimulus      | Response  | Function | Function Result |
|------|-----|-----|---------------|-----------|----------|-----------------|
| M1   |     | 1   | 2.4797135 GHz | -8.79 dBm |          |                 |
| D2   | M1  | 1   | -117.2 kHz    | -6.20 dB  |          |                 |
| D3   | M1  | 1   | 590.4 kHz     | -6.20 dB  |          |                 |

Measuring...

18.09.2014  
08:30:00

Date: 18.SEP.2014 08:30:00

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### 5.1.5 99% Bandwidth

**RESULT:**

**Pass**

Date of testing : 2014-09-18  
Test standard : RSS-Gen clause 4.6.1  
Basic standard : ANSI C63.10: 2009  
Kind of test site : Shielded room

**Test setup**

Test Channel : Low/ Middle/ High  
Operation Mode : A  
Ambient temperature : 23°C  
Relative humidity : 48%  
Atmospheric pressure : 101 kPa

**Table 8: Test result of 99% Bandwidth**

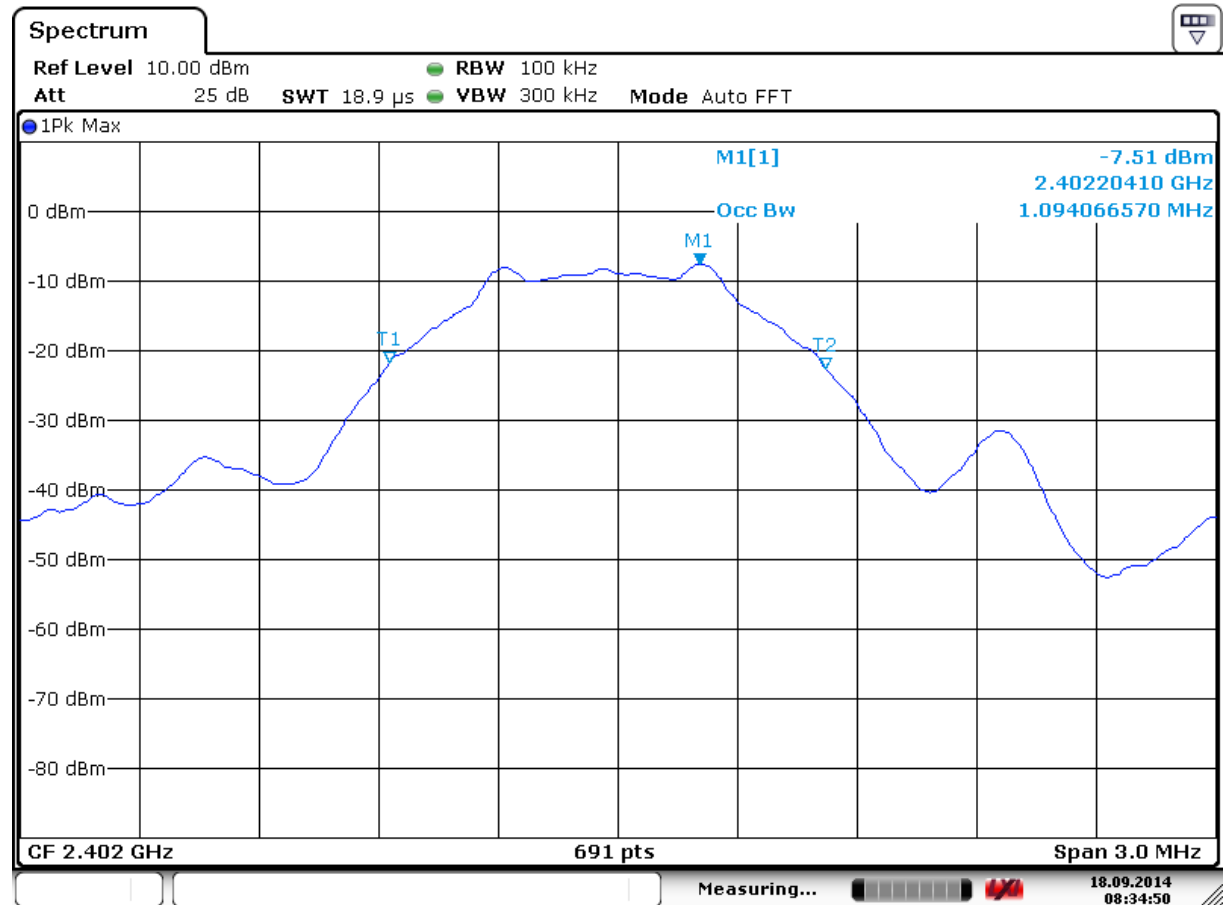
| Channel      | Channel Frequency (MHz) | 99% Bandwidth (MHz) | Limit (MHz) | Result |
|--------------|-------------------------|---------------------|-------------|--------|
| Low Channel  | 2402                    | 1.09                | /           | Pass   |
| Mid Channel  | 2441                    | 1.08                | /           | Pass   |
| High Channel | 2480                    | 1.09                | /           | Pass   |

For detail refer to the following test plots.

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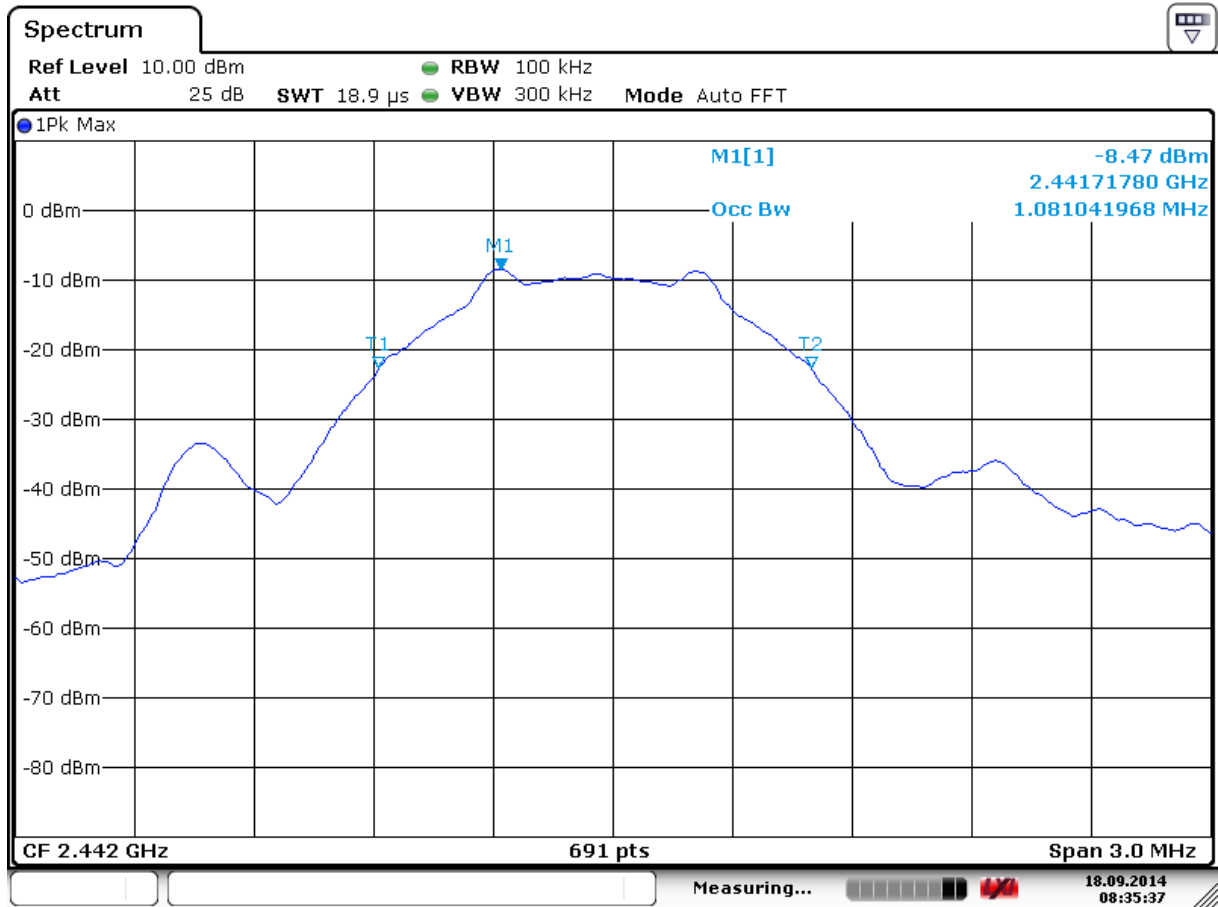
## Test Plots of 99% Bandwidth



Date: 18.SEP.2014 08:34:50

**Prüfbericht - Nr.: 17043151 001**  
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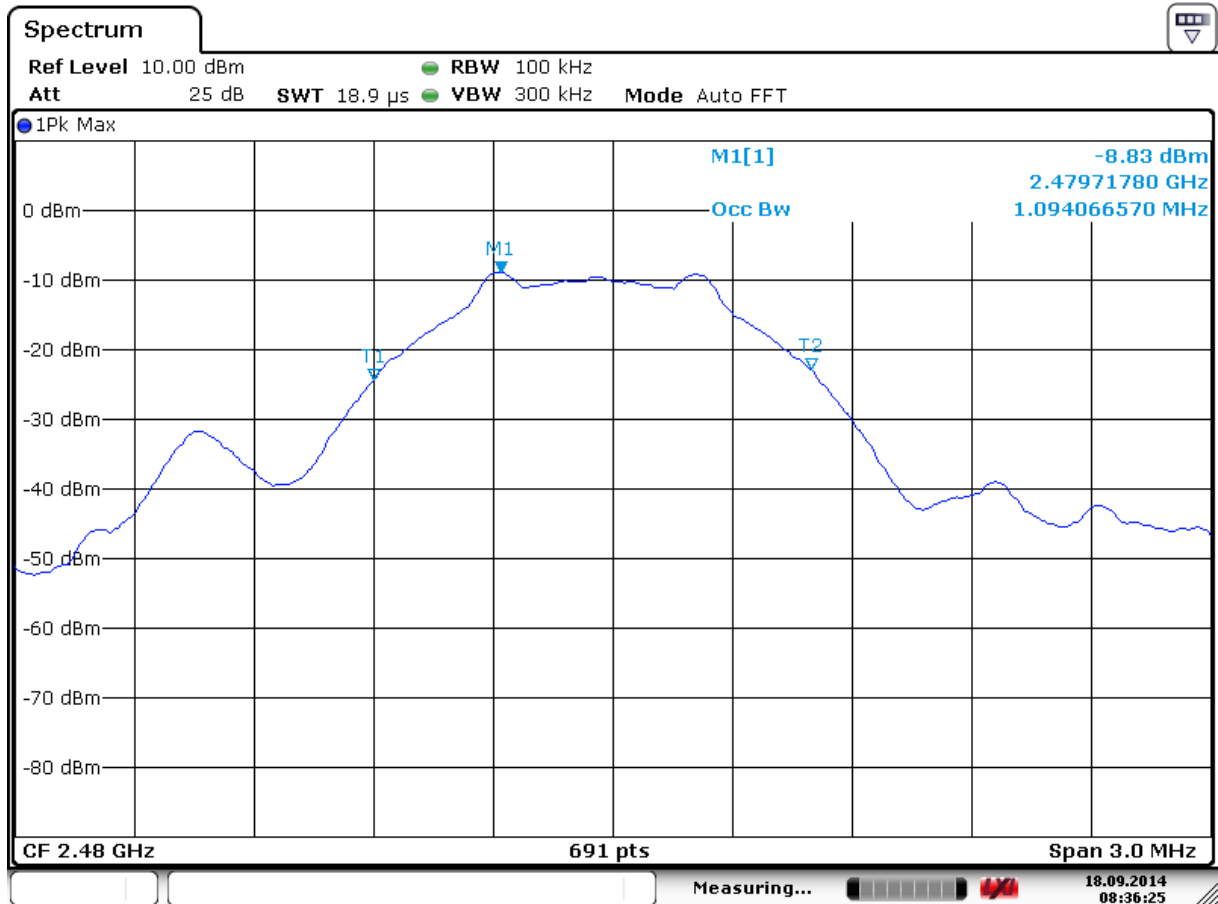
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Date: 18.SEP.2014 08:35:37

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Date: 18.SEP.2014 08:36:25

### 5.1.6 Conducted Spurious Emissions Measured in 100kHz Bandwidth

**RESULT:**

**Pass**

|                   |   |                                                                                                                                                                                                                                                                  |
|-------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of testing   | : | 2014-09-19                                                                                                                                                                                                                                                       |
| Test standard     | : | FCC Part 15.247(d)<br>RSS-210 A8.5                                                                                                                                                                                                                               |
| Basic standard    | : | ANSI C63.10: 2009                                                                                                                                                                                                                                                |
| Limit             | : | 20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power);<br>In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a) |
| Kind of test site | : | Shield room                                                                                                                                                                                                                                                      |

**Test setup**

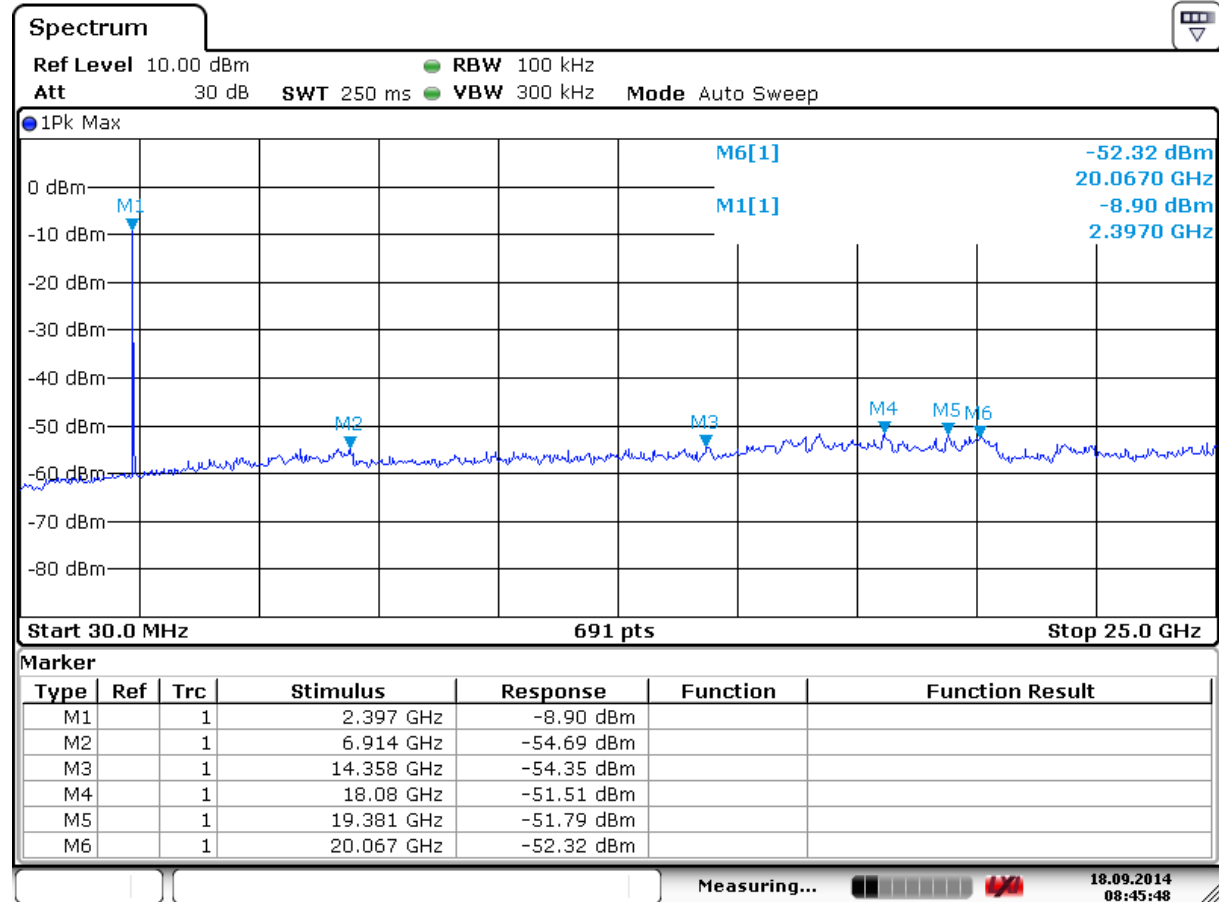
|                      |   |                  |
|----------------------|---|------------------|
| Test Channel         | : | Low/Middle/ High |
| Operation mode       | : | A                |
| Ambient temperature  | : | 23°C             |
| Relative humidity    | : | 48%              |
| Atmospheric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

For details refer to following test plots.

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## Test Plots of Conducted Spurious Emission



Date: 18.SEP.2014 08:45:48

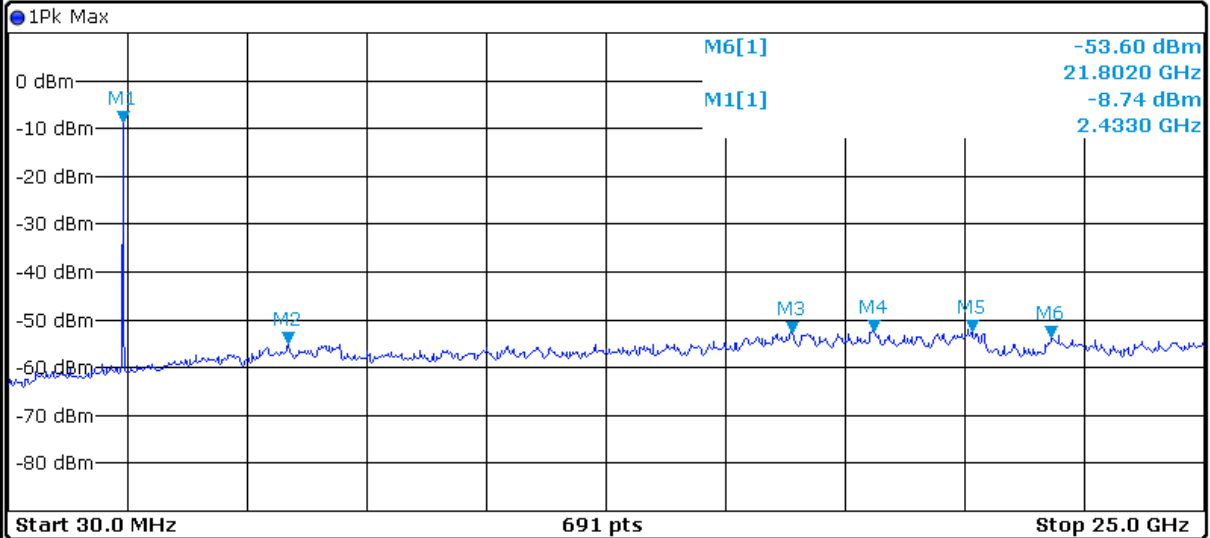
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**Spectrum**



Ref Level 10.00 dBm RBW 100 kHz  
Att 30 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep



**Marker**

| Type | Ref | Trc | Stimulus   | Response   | Function | Function Result |
|------|-----|-----|------------|------------|----------|-----------------|
| M1   |     | 1   | 2.433 GHz  | -8.74 dBm  |          |                 |
| M2   |     | 1   | 5.902 GHz  | -54.80 dBm |          |                 |
| M3   |     | 1   | 16.382 GHz | -52.80 dBm |          |                 |
| M4   |     | 1   | 18.116 GHz | -52.33 dBm |          |                 |
| M5   |     | 1   | 20.14 GHz  | -52.37 dBm |          |                 |
| M6   |     | 1   | 21.802 GHz | -53.60 dBm |          |                 |

Measuring...

18.09.2014  
08:46:51

Date: 18.SEP.2014 08:46:51

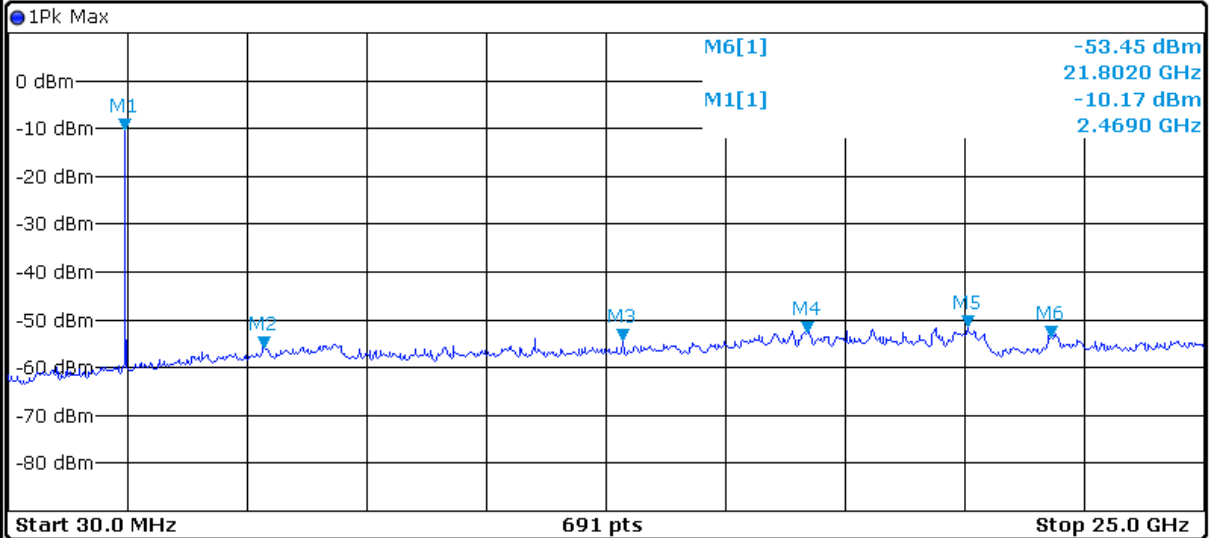
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**Spectrum**



Ref Level 10.00 dBm RBW 100 kHz  
Att 30 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep



**Marker**

| Type | Ref | Trc | Stimulus   | Response   | Function | Function Result |
|------|-----|-----|------------|------------|----------|-----------------|
| M1   |     | 1   | 2.469 GHz  | -10.17 dBm |          |                 |
| M2   |     | 1   | 5.396 GHz  | -55.69 dBm |          |                 |
| M3   |     | 1   | 12.876 GHz | -54.38 dBm |          |                 |
| M4   |     | 1   | 16.707 GHz | -52.54 dBm |          |                 |
| M5   |     | 1   | 20.067 GHz | -51.52 dBm |          |                 |
| M6   |     | 1   | 21.802 GHz | -53.45 dBm |          |                 |

Date: 18.SEP.2014 08:48:19

Measuring...



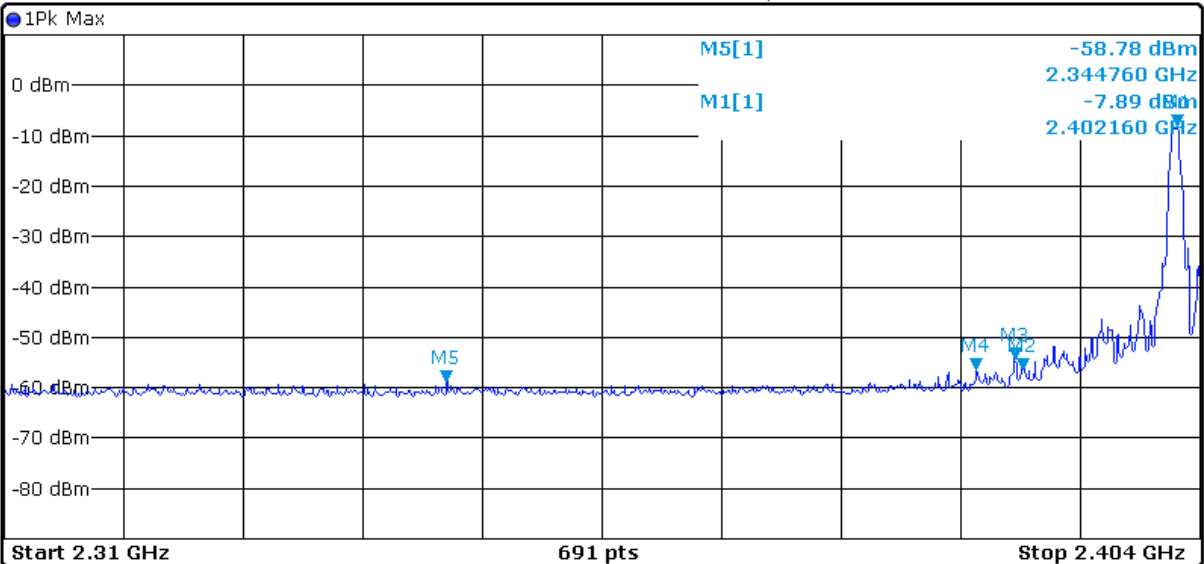
18.09.2014  
08:48:19

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**Spectrum**

Ref Level 10.00 dBm Att 30 dB SWT 1 ms RBW 100 kHz VBW 300 kHz Mode Auto Sweep



**Marker**

| Type | Ref | Trc | Stimulus    | Response   | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   |     | 1   | 2.40216 GHz | -7.89 dBm  |          |                 |
| M2   |     | 1   | 2.39 GHz    | -56.29 dBm |          |                 |
| M3   |     | 1   | 2.38938 GHz | -54.32 dBm |          |                 |
| M4   |     | 1   | 2.38638 GHz | -56.39 dBm |          |                 |
| M5   |     | 1   | 2.34476 GHz | -58.78 dBm |          |                 |

Measuring...

18.09.2014  
08:44:20

Date: 18.SEP.2014 08:44:20

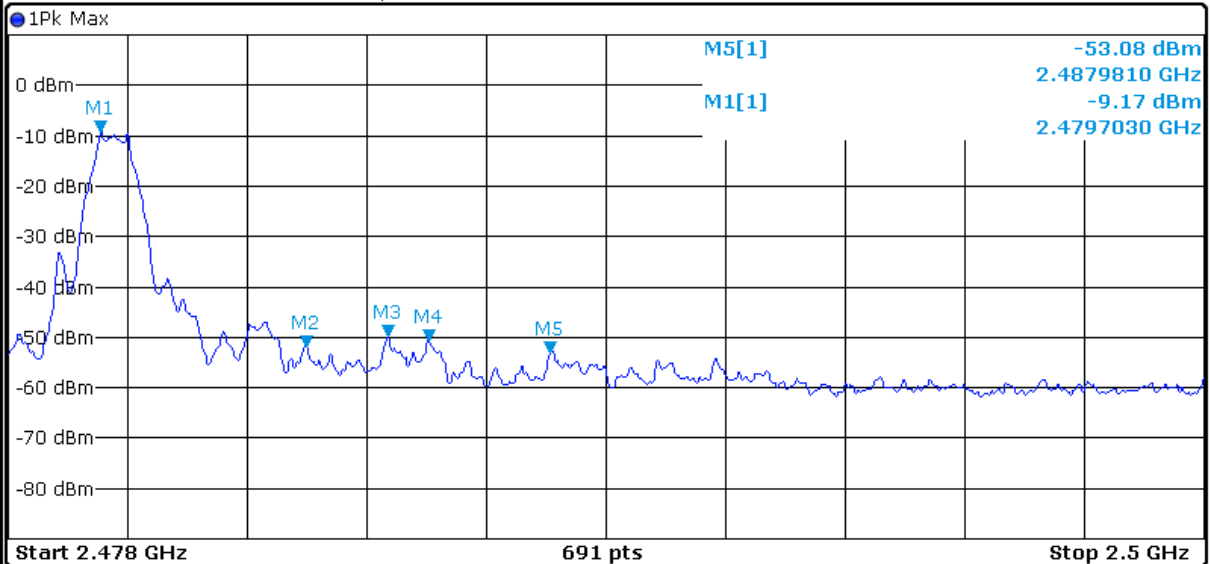
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**Spectrum**



Ref Level 10.00 dBm  
Att 30 dB  
SWT 56.9  $\mu$ s  
RBW 100 kHz  
VBW 300 kHz  
Mode Auto FFT



**Marker**

| Type | Ref | Trc | Stimulus     | Response   | Function | Function Result |
|------|-----|-----|--------------|------------|----------|-----------------|
| M1   |     | 1   | 2.479703 GHz | -9.17 dBm  |          |                 |
| M2   |     | 1   | 2.4835 GHz   | -51.88 dBm |          |                 |
| M3   |     | 1   | 2.484988 GHz | -49.83 dBm |          |                 |
| M4   |     | 1   | 2.485753 GHz | -50.60 dBm |          |                 |
| M5   |     | 1   | 2.487981 GHz | -53.08 dBm |          |                 |

Measuring...



18.09.2014  
08:42:19

Date: 18.SEP.2014 08:42:19

### 5.1.7 Radiated Spurious Emissions

**RESULT:**

**Pass**

|                   |   |                                                                                                                                                                                        |
|-------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of testing   | : | 2014-09-18                                                                                                                                                                             |
| Test standard     | : | FCC Part 15.247(d), FCC 15.205,<br>RSS-210 Clause 2.2                                                                                                                                  |
| Basic standard    | : | ANSI C63.10: 2009                                                                                                                                                                      |
| Limit             | : | Radiated emissions which fall in the restricted<br>bands, as defined in §15.205(a), must also comply<br>with the radiated emission limits specified in<br>§15.209(a) (see §15.205(c)). |
| Kind of test site | : | 3m Semi-Anechoic Chamber                                                                                                                                                               |

**Test setup**

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

For details refer to the following test plots.

Due to the small size of the product and that there are no inductive components of significant size, 9 kHz to 30MHz frequency range is not tested based on technical judgment.

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## Test Plots of Radiated Spurious Emissions



**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.: PZ #931

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Drop kitchen Scale

Mode: TX 2402MHz

Model: D600A

Manufacturer: Adapics Ltd.

Polarization: Horizontal

Power Source: DC 3V

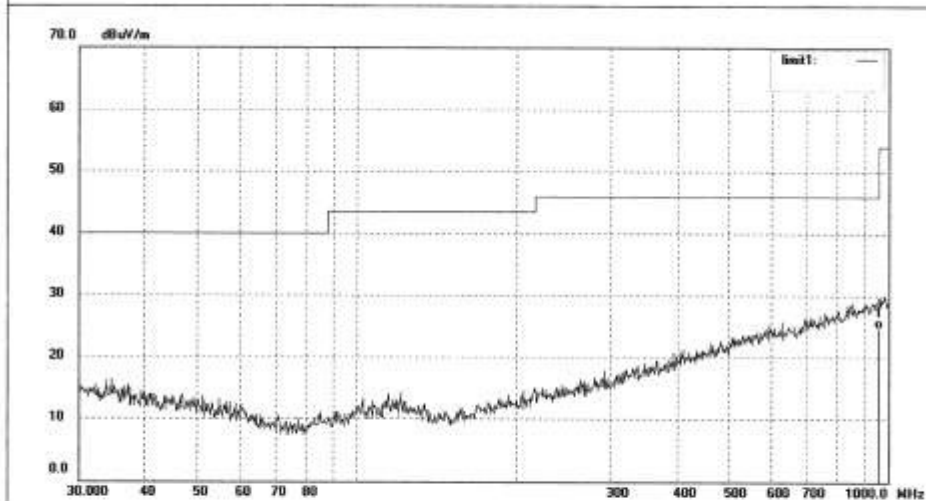
Date: 2014/09/18

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 960.0000       | 22.45               | 2.37           | 24.82              | 46.00             | -21.18         | QP       |                |                  |        |

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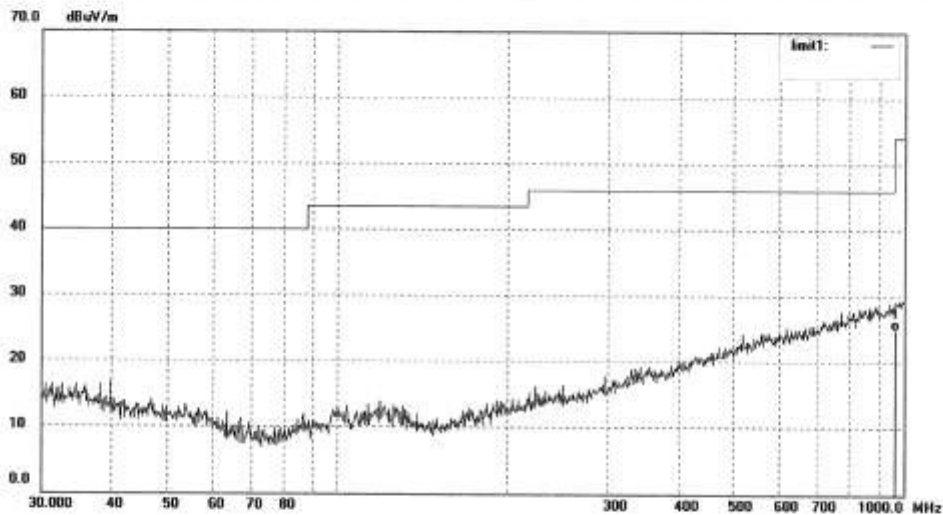
**ACCURATE TECHNOLOGY CO., LTD.**  
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PZ #932  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2402MHz  
Model: D600A  
Manufacturer: Adaptics Ltd.

Polarization: Vertical  
Power Source: DC 3V  
Date: 2014/09/18  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 960.0000    | 22.60            | 2.37        | 24.97           | 46.00          | -21.03      | QP       |             |               |        |

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

Site: 2# Chamber

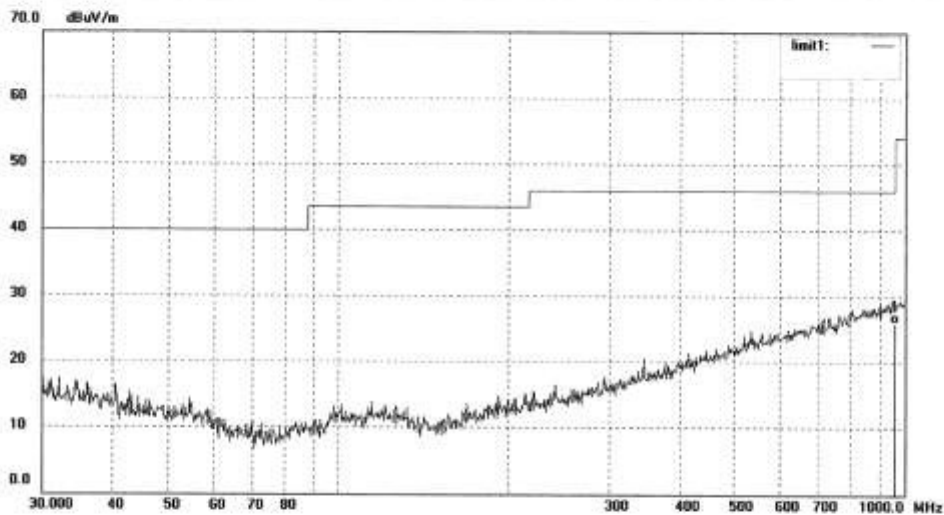
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #933  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2442MHz  
Model: D600A  
Manufacturer: Adaptics ltd.

Polarization: Vertical  
Power Source: DC 3V  
Date: 2014/09/18  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 960.0000       | 23.66               | 2.37           | 26.03              | 46.00             | -19.97         | QP       |                |                  |        |

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

Site: 2# Chamber

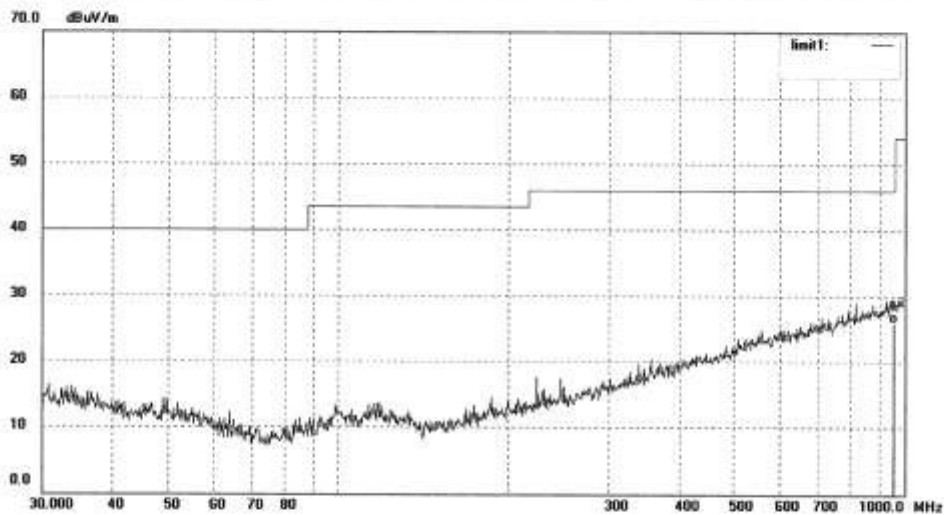
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #934  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2442MHz  
Model: D600A  
Manufacturer: Adaptics ltd.

Polarization: Horizontal  
Power Source: DC 3V  
Date: 2014/09/18  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 960.0000       | 23.62               | 2.37           | 25.99              | 46.00             | -20.01         | QP       |                |                  |        |

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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

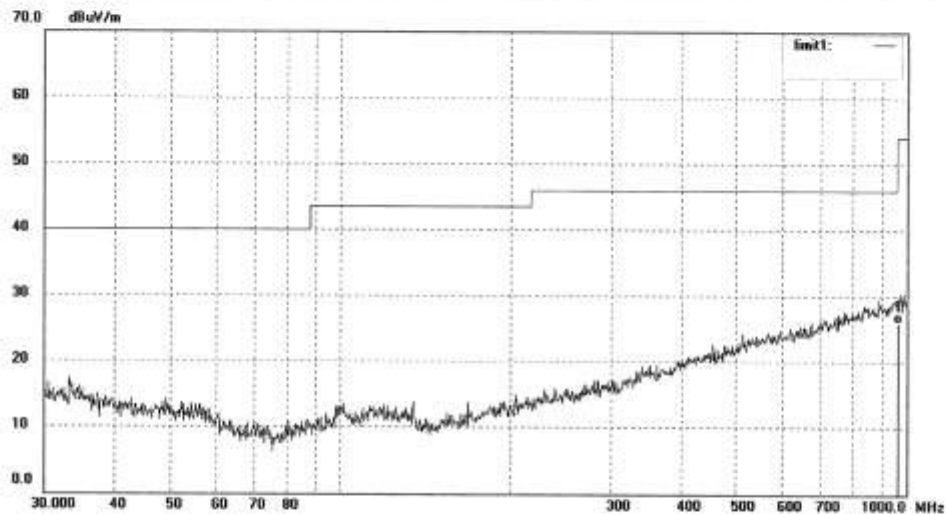
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #935  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2480MHz  
Model: D600A  
Manufacturer: Adaptics Ltd.

Polarization: Horizontal  
Power Source: DC 3V  
Date: 2014/09/18  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 960.0000       | 23.57               | 2.37           | 25.94              | 46.00             | -20.06         | QP       |                |                  |        |

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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

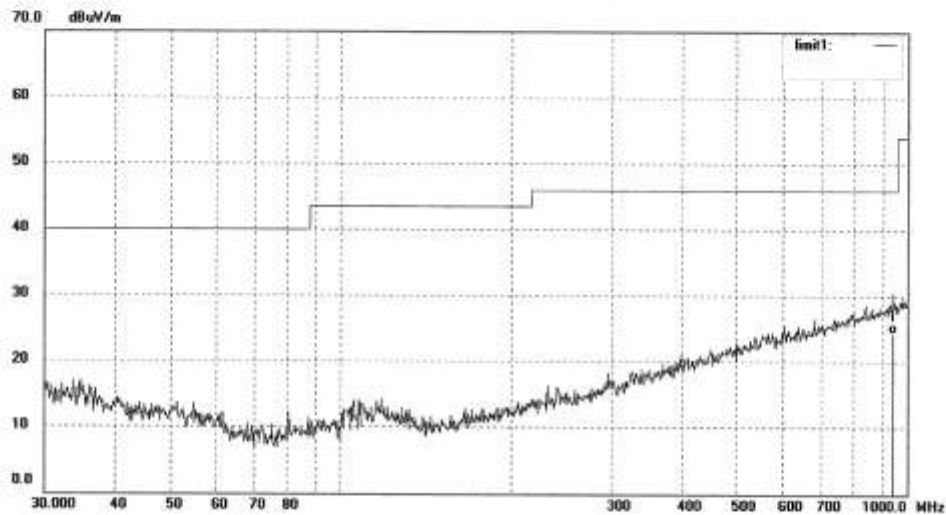
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #936  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2480MHz  
Model: D600A  
Manufacturer: Adaptics ltd.

Polarization: Vertical  
Power Source: DC 3V  
Date: 2014/09/18  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 948.3336       | 22.25               | 2.13           | 24.38              | 46.00             | -21.62         | QP       |                |                  |        |

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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.: PZ #937

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Drop kitchen Scale

Mode: TX 2402MHz

Model: D600A

Manufacturer: Adaptics ltd.

Polarization: Horizontal

Power Source: DC 3V

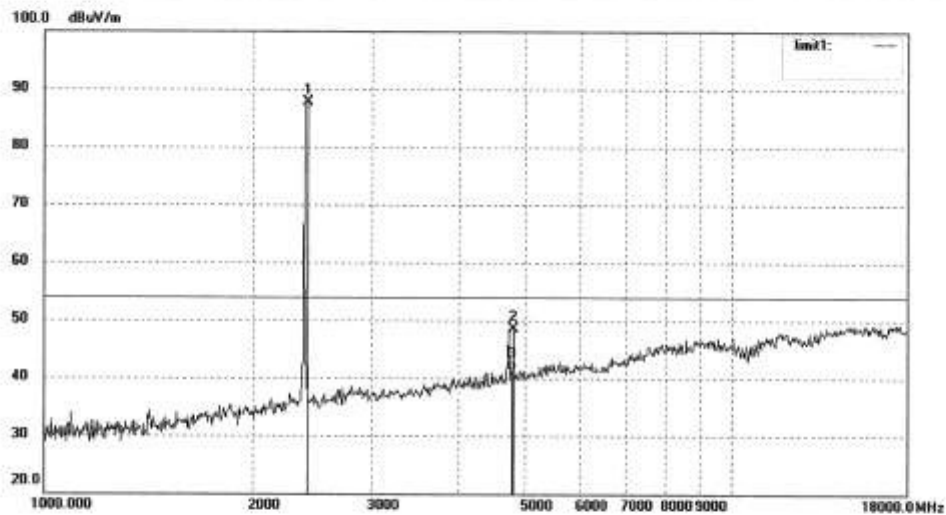
Date: 2014/09/18

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 2402.000       | 95.16               | -7.45          | 87.71              | /                 | /              | peak     |                |                  |        |
| 2   | 4804.027       | 48.74               | -0.30          | 48.44              | 74.00             | -25.56         | peak     |                |                  |        |
| 3   | 4804.027       | 41.51               | -0.30          | 41.21              | 54.00             | -12.79         | AVG      |                |                  |        |

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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.: PZ #939

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Drop kitchen Scale

Mode: TX 2402MHz

Model: D600A

Manufacturer: Adaptics Ltd.

Polarization: Vertical

Power Source: DC 3V

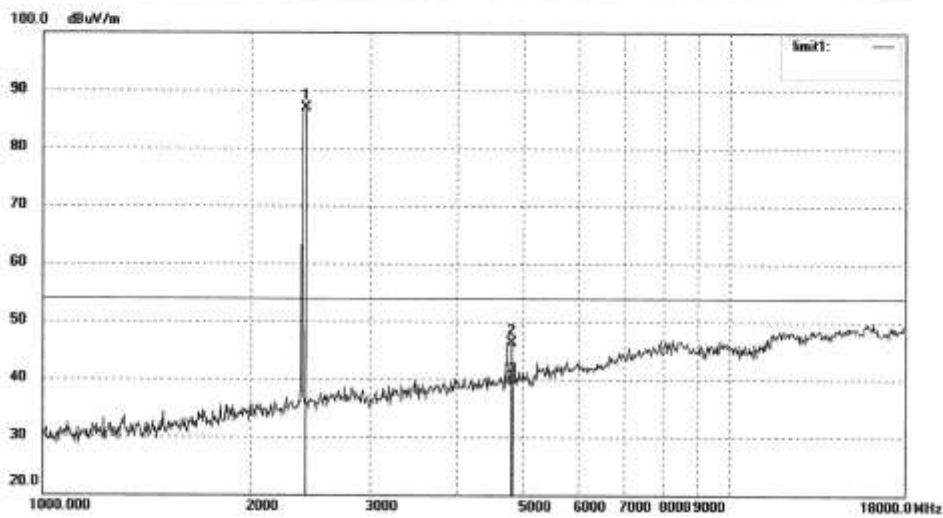
Date: 2014/09/18

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 2402.000       | 94.44               | -7.45          | 86.99              | /                 | /              | peak     |                |                  |        |
| 2   | 4804.030       | 46.64               | -0.30          | 46.34              | 74.00             | -27.66         | peak     |                |                  |        |
| 3   | 4804.030       | 39.16               | -0.30          | 38.86              | 54.00             | -15.14         | AVG      |                |                  |        |

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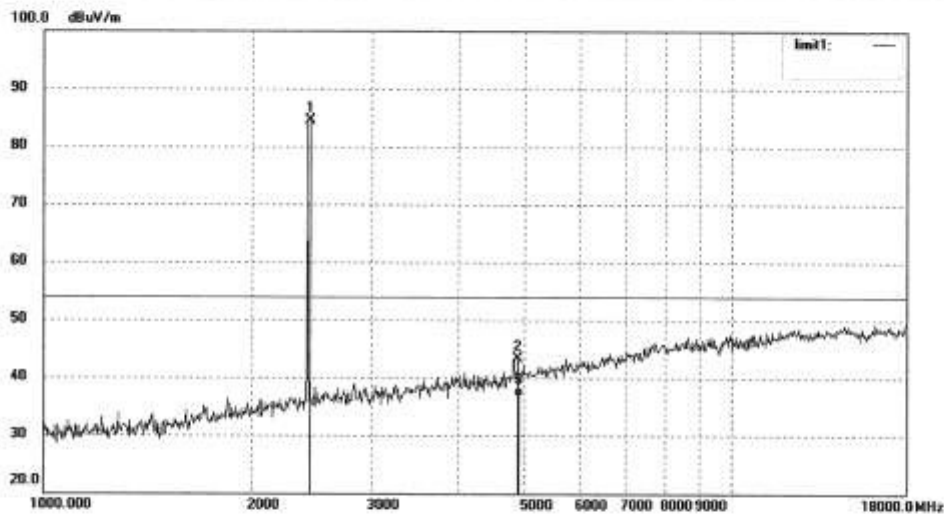
**ACCURATE TECHNOLOGY CO., LTD.**  
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PZ #940  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2442MHz  
Model: D600A  
Manufacturer: Adapics Ltd.

Polarization: Vertical  
Power Source: DC 3V  
Date: 2014/09/18  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



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**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.: PZ #941

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Drop kitchen Scale

Mode: TX 2442MHz

Model: D600A

Manufacturer: Adaptics ltd.

Polarization: Horizontal

Power Source: DC 3V

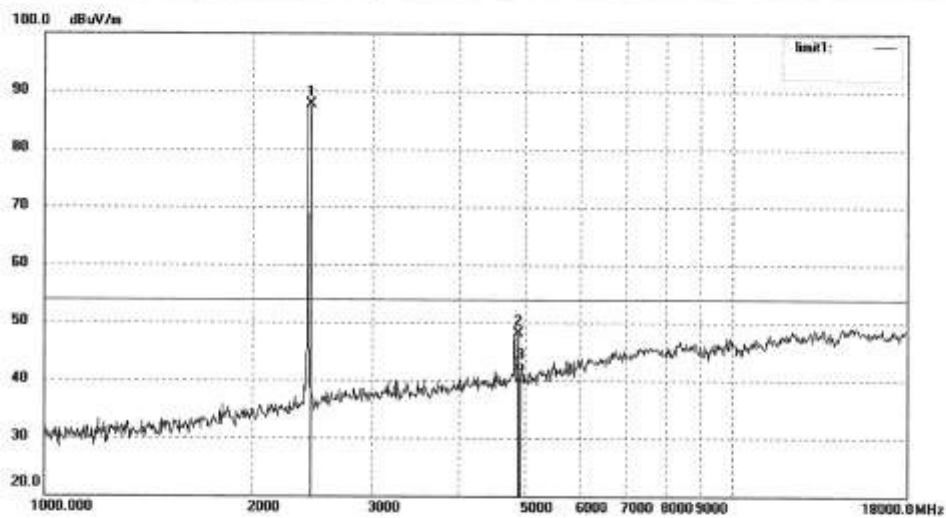
Date: 2014/09/18

Time:

Engineer Signature: PEI

Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2442.000    | 95.00            | -7.35       | 87.65           | /              | /           | peak     |             |               |        |
| 2   | 4884.028    | 48.00            | 0.15        | 48.15           | 74.00          | -25.85      | peak     |             |               |        |
| 3   | 4884.028    | 41.42            | 0.15        | 41.57           | 54.00          | -12.43      | AVG      |             |               |        |

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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

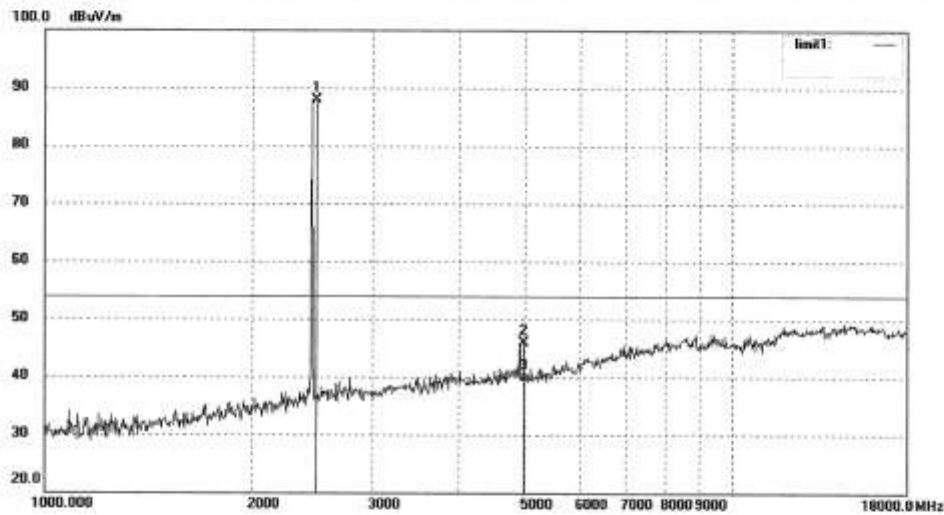
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #942  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2480MHz  
Model: D600A  
Manufacturer: Adaptics ltd.

Polarization: Horizontal  
Power Source: DC 3V  
Date: 2014/09/18  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2480.000    | 95.24            | -7.37       | 87.87           | /              | /           | peak     |             |               |        |
| 2   | 4960.024    | 45.34            | 0.52        | 45.86           | 74.00          | -28.14      | peak     |             |               |        |
| 3   | 4960.024    | 38.65            | 0.52        | 39.17           | 54.00          | -14.83      | AVG      |             |               |        |

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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

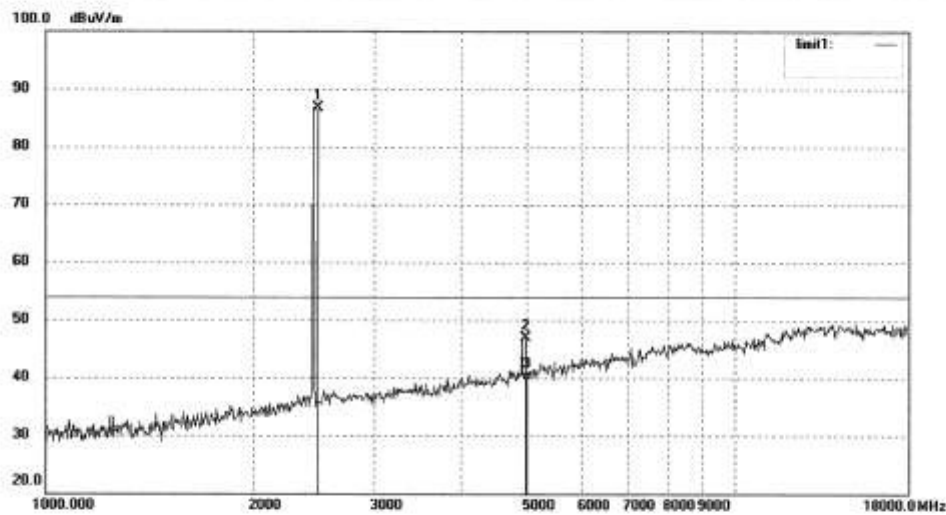
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #944  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2480MHz  
Model: D600A  
Manufacturer: Adaptics ltd.

Polarization: Vertical  
Power Source: DC 3V  
Date: 2014/09/18  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2480.000    | 94.00            | -7.37       | 86.63           | /              | /           | peak     |             |               |        |
| 2   | 4960.020    | 46.30            | 0.52        | 46.82           | 74.00          | -27.18      | peak     |             |               |        |
| 3   | 4960.020    | 38.96            | 0.52        | 39.48           | 54.00          | -14.52      | AVG      |             |               |        |

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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

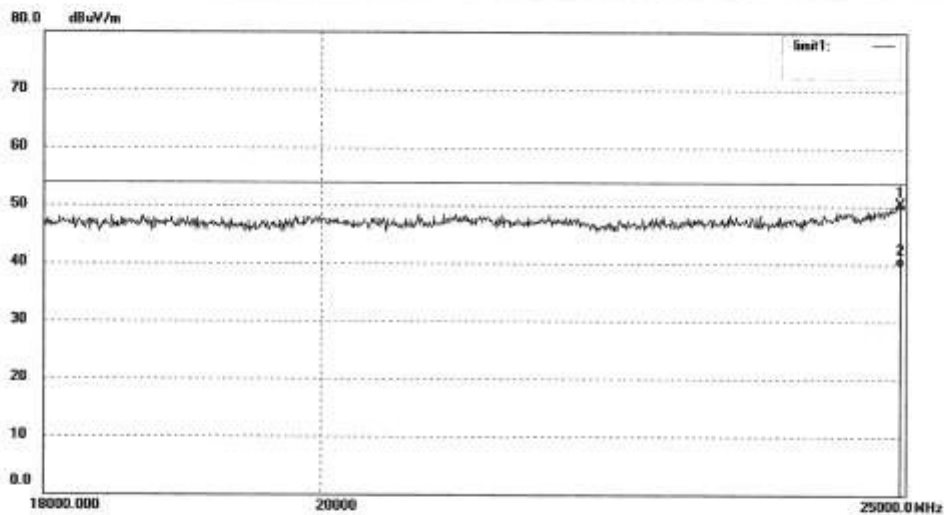
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #949  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2402MHz  
Model: D600A  
Manufacturer: Adaptics ltd.

Polarization: Vertical  
Power Source: DC 3V  
Date: 14/09/19/  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 24950.674   | 32.50            | 17.83       | 50.33           | 74.00          | -23.67      | peak     |             |               |        |
| 2   | 24950.674   | 21.69            | 17.83       | 39.52           | 54.00          | -14.48      | AVG      |             |               |        |

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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

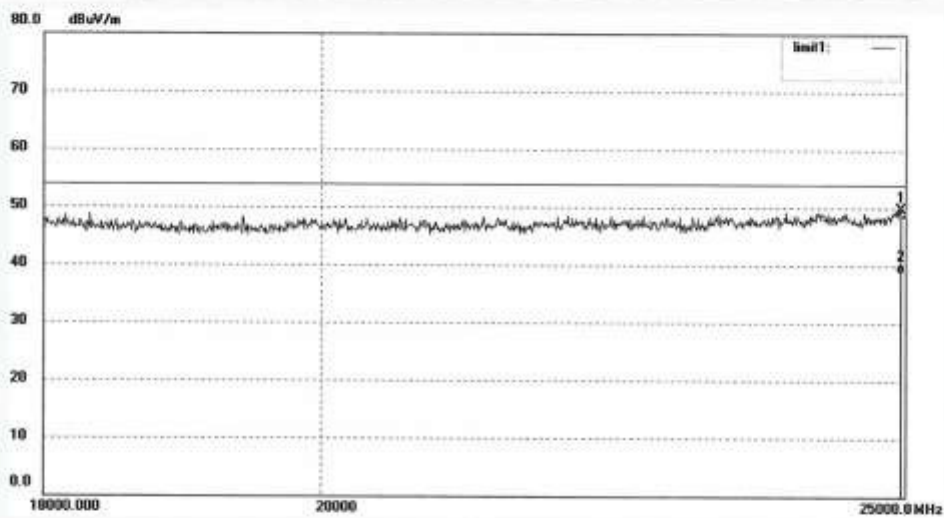
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #950  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2402MHz  
Model: D600A  
Manufacturer: Adaptics ltd.

Polarization: Horizontal  
Power Source: DC 3V  
Date: 14/09/19/  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 24958.889   | 33.08            | 16.53       | 49.61           | 74.00          | -24.39      | peak     |             |               |        |
| 2   | 24958.889   | 22.25            | 16.53       | 38.78           | 54.00          | -15.22      | AVG      |             |               |        |

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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

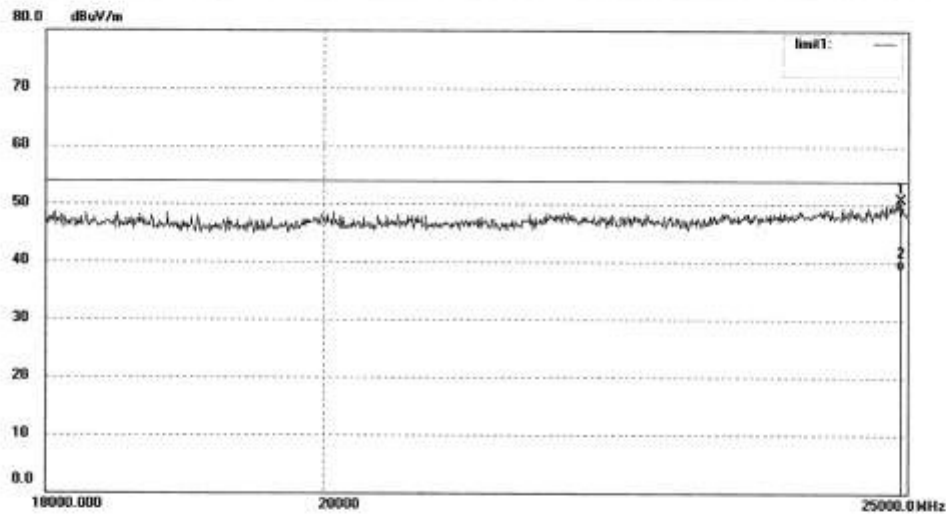
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #951  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2442MHz  
Model: D600A  
Manufacturer: Adaptics ltd.

Polarization: Horizontal  
Power Source: DC 3V  
Date: 14/09/19/  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 24942.463   | 34.13            | 16.54       | 50.67           | 74.00          | -23.33      | peak     |             |               |        |
| 2   | 24942.463   | 22.08            | 16.54       | 38.62           | 54.00          | -15.38      | AVG      |             |               |        |

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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

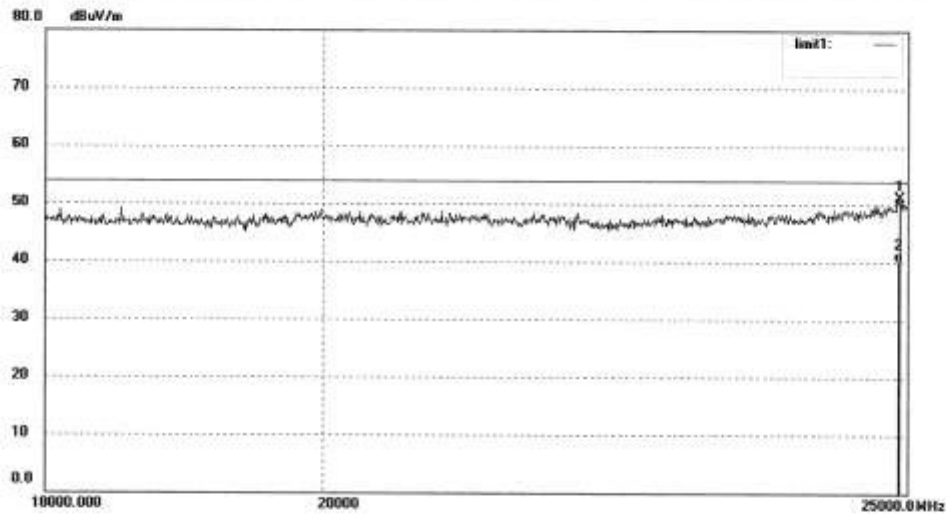
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #952  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2442MHz  
Model: D600A  
Manufacturer: Adaptics Ltd.

Polarization: Vertical  
Power Source: DC 3V  
Date: 14/09/19/  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 24917.845      | 33.24               | 17.78          | 51.02              | 74.00             | -22.98         | peak     |                |                  |        |
| 2   | 24917.845      | 22.25               | 17.78          | 40.03              | 54.00             | -13.97         | AVG      |                |                  |        |

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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

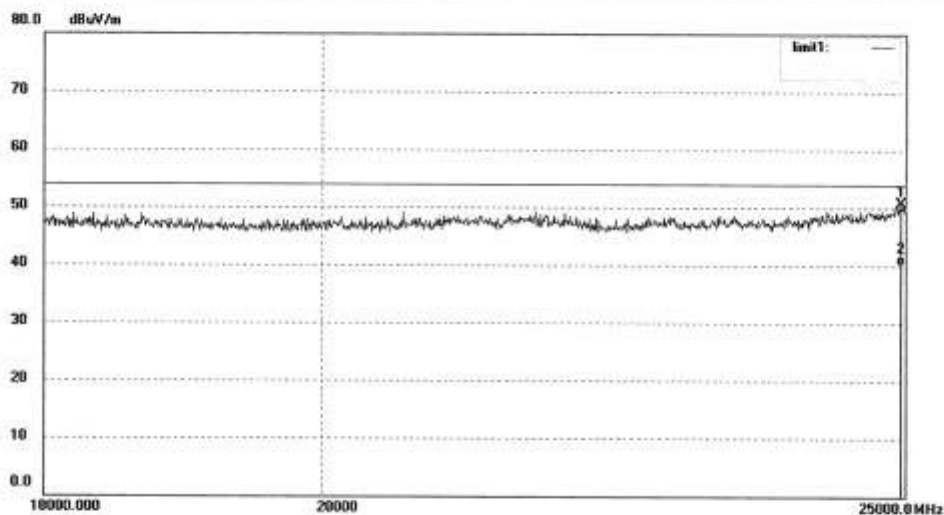
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #953  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2480MHz  
Model: D600A  
Manufacturer: Adaptics ltd.

Polarization: Vertical  
Power Source: DC 3V  
Date: 14/09/19/  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 24967.105      | 32.85               | 17.85          | 50.70              | 74.00             | -23.30         | peak     |                |                  |        |
| 2   | 24967.105      | 22.28               | 17.85          | 40.13              | 54.00             | -13.87         | AVG      |                |                  |        |

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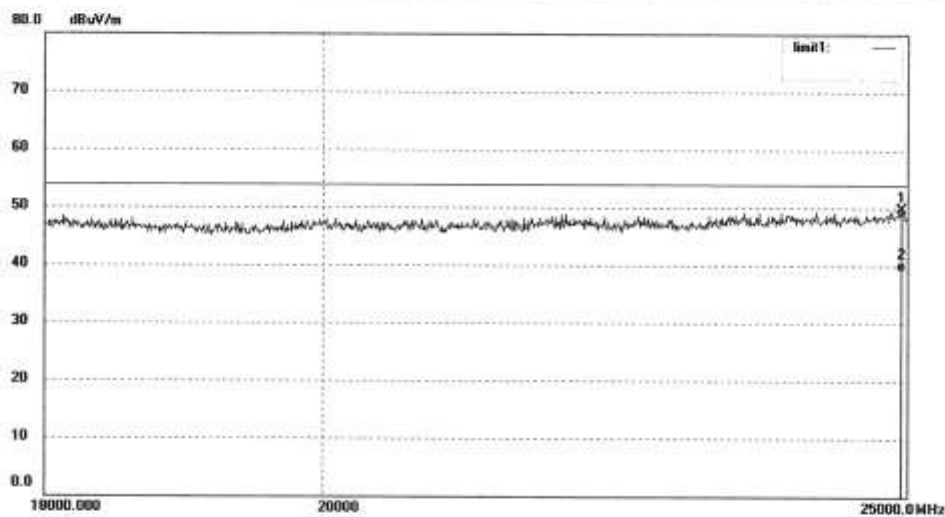
**ACCURATE TECHNOLOGY CO., LTD.**  
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PZ #954  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2480MHz  
Model: D600A  
Manufacturer: Adaptics Ltd.

Polarization: Horizontal  
Power Source: DC 3V  
Date: 14/09/19/  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 24950.674      | 33.25               | 16.53          | 49.78              | 74.00             | -24.22         | peak     |                |                  |        |
| 2   | 24950.674      | 22.54               | 16.53          | 39.07              | 54.00             | -14.93         | AVG      |                |                  |        |

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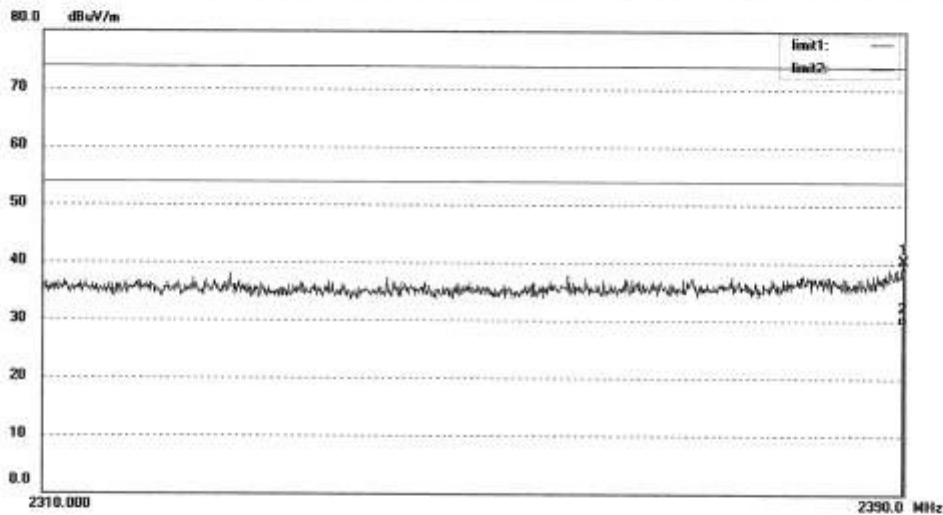
**ACCURATE TECHNOLOGY CO., LTD.**  
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PZ #945  
Standard: FCC (Band Edge)  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2402MHz  
Model: D600A  
Manufacturer: Adaptics ltd.

Polarization: Vertical  
Power Source: DC 3V  
Date: 2014/09/18  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2389.837    | 47.82            | -7.53       | 40.29           | 74.00          | -33.71      | peak     |             |               |        |
| 2   | 2389.837    | 36.75            | -7.53       | 29.22           | 54.00          | -24.78      | AVG      |             |               |        |

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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

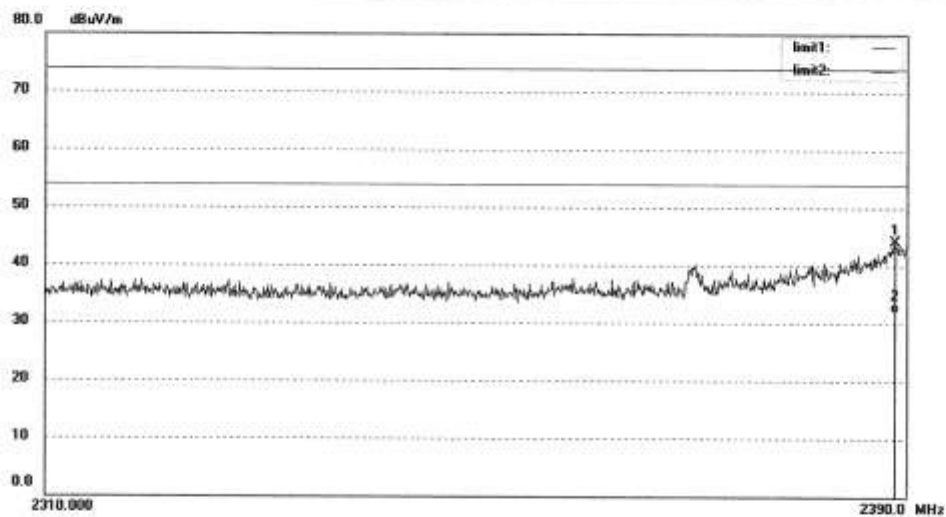
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #946  
Standard: FCC (Band Edge)  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2402MHz  
Model: D600A  
Manufacturer: Adaptics ltd.

Polarization: Horizontal  
Power Source: DC 3V  
Date: 2014/09/18  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2388.940    | 51.66            | -7.53       | 44.13           | 74.00          | -29.87      | peak     |             |               |        |
| 2   | 2388.940    | 39.35            | -7.53       | 31.82           | 54.00          | -22.18      | AVG      |             |               |        |

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Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

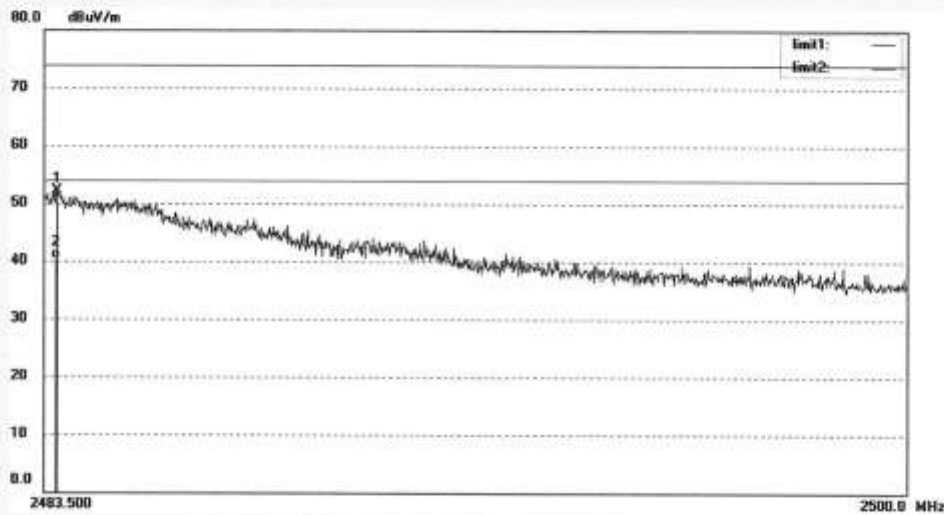
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #947  
Standard: FCC (Band Edge)  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2480MHz  
Model: D600A  
Manufacturer: Adaptics Ltd.

Polarization: Horizontal  
Power Source: DC 3V  
Date: 2014/09/18  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1   | 2483.731    | 59.45            | -7.37       | 52.08           | 74.00          | -21.92      | peak     |             |               |        |
| 2   | 2483.731    | 47.63            | -7.37       | 40.26           | 54.00          | -14.74      | AVG      |             |               |        |

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Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

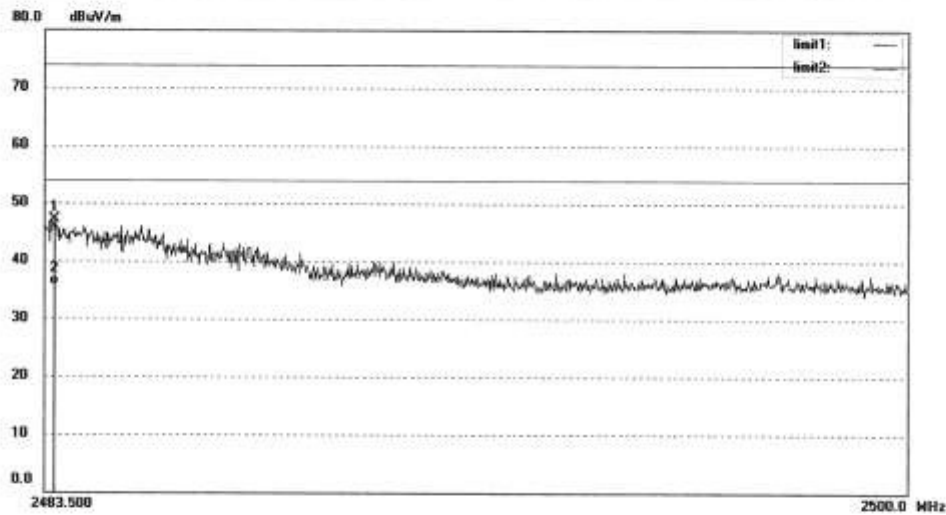
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #948  
Standard: FCC (Band Edge)  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Drop kitchen Scale  
Mode: TX 2480MHz  
Model: D600A  
Manufacturer: Adaptics ltd.

Polarization: Vertical  
Power Source: DC 3V  
Date: 2014/09/18  
Time:  
Engineer Signature: PEI  
Distance: 3m

Note:



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Height<br>(cm) | Degree<br>(deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1   | 2483.681       | 54.56               | -7.37          | 47.19              | 74.00             | -26.81         | peak     |                |                  |        |
| 2   | 2483.681       | 43.09               | -7.37          | 35.72              | 54.00             | -18.28         | AVG      |                |                  |        |

## 6. Safety Human Exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

**RESULT:**

**Pass**

Test standard : FCC KDB Publication 447498  
RSS-102 Issue 4

The minimum distance for the EUT is 5mm, since measured maximum peak output power of the transmitter is 0.25mW (-5.95dBm), which is far below the SAR exclusion threshold level 10 mW (Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and  $\leq 50$  mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile and Portable RF Exposure.Guidance v05.

And the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 4 as well.