

Prüfbericht-Nr.: <i>Test Report No.:</i>	17043757 001	Auftrags-Nr.: <i>Order No.:</i>	164022938	Seite 1 von 63 <i>Page 1 of 63</i>	
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	11.10.2014		
Auftraggeber: <i>Client:</i>	Ringly 200 Park Ave South #1501, New York 1003, United States				
Prüfgegenstand: <i>Test item:</i>	Ringly				
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	-J12				
Auftrags-Inhalt: <i>Order content:</i>	FCC Certification				
Prüfgrundlage: <i>Test specification:</i>	FCC CFR47 Part 15: Subpart B Section 15.107 FCC CFR47 Part 15: Subpart B Section 15.109 FCC CFR47 Part 15: Subpart C Section 15.247 FCC CFR47 Part 15: Subpart C Section 15.207 FCC CFR47 Part 15: Subpart C Section 15.209 FCC KDB publication 447498 D01 v05r02				
Wareneingangsdatum: <i>Date of receipt:</i>	13.10.2014				
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000104500 004-005				
Prüfzeitraum: <i>Testing period:</i>	13.10.2014 - 21.10.2014				
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: <i>Tom Wang</i>		kontrolliert von / reviewed by: <i>Sam Lin</i>			
03.11.2014	Tom Wang/Assistant Project Manager	03.11.2014	Sam Lin/Technical Certifier		
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>
Sonstiges / Other: FCC ID: 2AB9V-J12					
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.: 17043757 001**  
*Test Report No.*

**Seite 2 von 63**  
*Page 2 of 63*

## 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 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100kHz BANDWIDTH

*RESULT:* Pass

### 5.1.6 RADIATED SPURIOUS EMISSIONS

*RESULT:* Pass

### 5.1.7 CONDUCTED EMISSIONS

*RESULT:* Pass

### 5.1.8 RADIATED EMISSIONS

*RESULT:* Pass

### 6.1.1 ELECTROMAGNETIC FIELDS

*RESULT:* Pass

**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

Seite 3 von 63  
Page 3 of 63

## CONTENTS

<b>1. GENERAL REMARKS .....</b>	<b>5</b>
<b>1.1 COMPLEMENTARY MATERIALS.....</b>	<b>5</b>
<b>2. TEST SITES.....</b>	<b>5</b>
<b>2.1 TEST FACILITIES .....</b>	<b>5</b>
<b>2.2 LIST OF TEST AND MEASUREMENT INSTRUMENTS .....</b>	<b>6</b>
<b>2.3 TRACEABILITY .....</b>	<b>7</b>
<b>2.4 CALIBRATION.....</b>	<b>7</b>
<b>2.5 MEASUREMENT UNCERTAINTY .....</b>	<b>7</b>
<b>2.6 LOCATION OF ORIGINAL DATA.....</b>	<b>7</b>
<b>2.7 STATUS OF FACILITY USED FOR TESTING .....</b>	<b>7</b>
<b>3. GENERAL PRODUCT INFORMATION .....</b>	<b>8</b>
<b>3.1 PRODUCT FUNCTION AND INTENDED USE .....</b>	<b>8</b>
<b>3.2 RATINGS AND SYSTEM DETAILS.....</b>	<b>8</b>
<b>3.3 INDEPENDENT OPERATION MODES.....</b>	<b>8</b>
<b>3.4 NOISE GENERATING AND NOISE SUPPRESSING PARTS.....</b>	<b>8</b>
<b>3.5 SUBMITTED DOCUMENTS.....</b>	<b>9</b>
<b>4. TEST SET-UP AND OPERATION MODES.....</b>	<b>9</b>
<b>4.1 PRINCIPLE OF CONFIGURATION SELECTION .....</b>	<b>9</b>
<b>4.2 TEST OPERATION AND TEST SOFTWARE .....</b>	<b>9</b>
<b>4.3 COUNTERMEASURES TO ACHIEVE ERM COMPLIANCE.....</b>	<b>10</b>
<b>4.4 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT .....</b>	<b>11</b>
<b>4.5 TEST SETUP DIAGRAM .....</b>	<b>11</b>
<b>5. TEST RESULTS .....</b>	<b>14</b>
<b>5.1 TEST REQUIREMENT &amp; TEST SUITES .....</b>	<b>14</b>
5.1.1 <i>Antenna Requirement.....</i>	14
5.1.2 <i>Peak Output Power.....</i>	15
5.1.3 <i>Power Density.....</i>	16
5.1.4 <i>6dB Bandwidth.....</i>	19
5.1.5 <i>Conducted Spurious Emissions Measured in 100kHz Bandwidth.....</i>	22
5.1.6 <i>Radiated Spurious Emissions.....</i>	25
5.1.7 <i>Conducted Emissions .....</i>	53
5.1.8 <i>Radiated Emissions .....</i>	56
<b>6. SAFETY HUMAN EXPOSURE.....</b>	<b>59</b>
<b>6.1 RADIO FREQUENCY EXPOSURE COMPLIANCE .....</b>	<b>59</b>
6.1.1 <i>Electromagnetic Fields .....</i>	59

**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

Seite 4 von 63  
Page 4 of 63

7.	PHOTOGRAPHS OF THE TEST SET-UP .....	60
8.	LIST OF TABLES.....	63
9.	LIST OF PHOTOGRAPHS.....	63

**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

**Seite 5 von 63**  
*Page 5 of 63*

## 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.

**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

Seite 6 von 63  
Page 6 of 63

## 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 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 Network	Mains	Schwarzbeck	NLSK8126	8126431
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2015-01-11
50_ Coaxial Switch	Anritsu Corp	MP59B	6200283933	2015-01-11

**Prüfbericht - Nr.:** **17043757 001**  
*Test Report No.*

**Seite 7 von 63**  
*Page 7 of 63*

## 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 Accurate Technology Co., Ltd located at F1, Bldg. A, Changyuan New Meterial Port, Keyuan Rd., Science & Industry Park Nanshan District, Shenzhen 518057, 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 ring with a charging box. The EUT can communicate with mobile phone by using Bluetooth 4.0.

For details refer to the User Manual and Circuit Diagram.

#### 3.2 Ratings and System Details

**Table 2: Rating of EUT**

**Table 3: Specification of EUT**

Technical Specification	Value
FCC ID	2AB9V-J12
Operating Frequency	2402-2480MHz
Operating Voltage	DC 3.7V for ring via internal rechargeable battery DC 5.0V for charging box via USB port
Modulation	GFSK
Number of channel	40
Chanel spacing	2MHz
Bluetooth version	Bluetooth 4.0 (single mode)
Rated Maximum RF Power (e.i.r.p.)	-8 dBm
Antenna type and Gain	PCB Antenna, 1 dBi

#### 3.3 Independent Operation Modes

- A. Ring On, Transmitting
  - 1. Low channel
  - 2. Middle channel
  - 3. High channel
- B. Charging docking via computer
- C. Charging ring via docking
- D. Off

#### 3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

Seite 9 von 63  
Page 9 of 63

### 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.

**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

**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

**Seite 10 von 63**  
*Page 10 of 63*

## 4.3 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.

**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 11 von 63  
Page 11 of 63

## 4.4 Special Accessories and Auxiliary Equipment

Auxiliary equipment:

Description	Manufacturer	Model	S/N
PC	Lenovo	4290-RT8	R9-FW93G
Printer	HP	HP laserjet 1015	--

## 4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

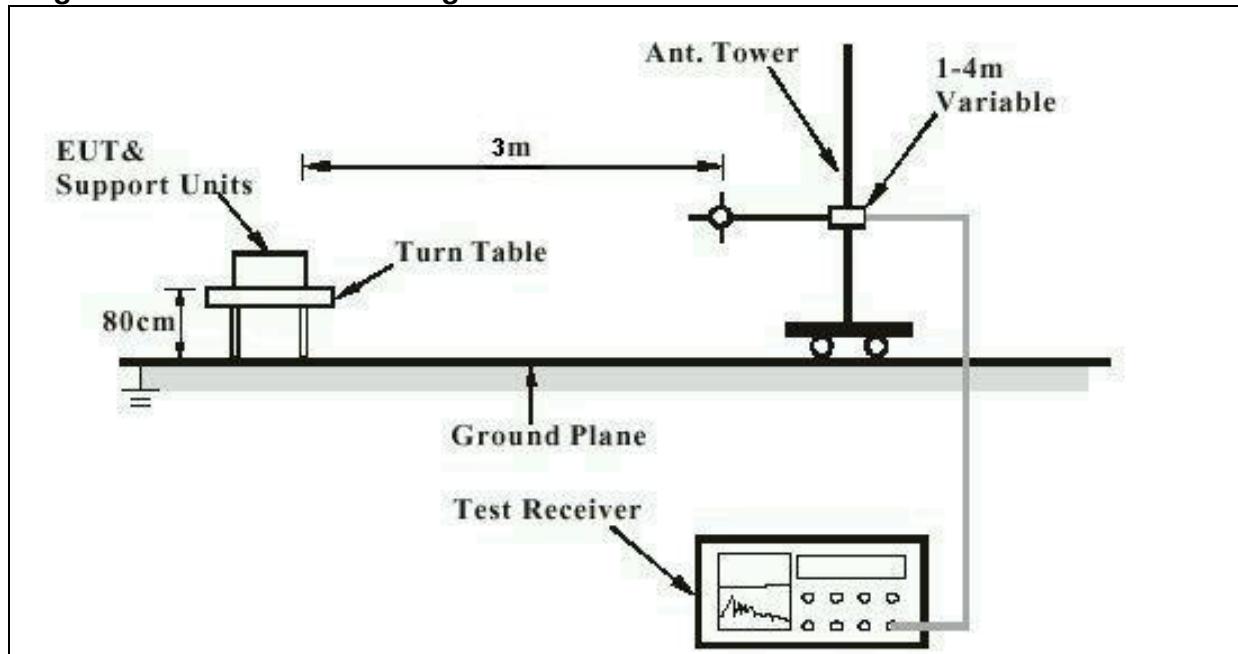
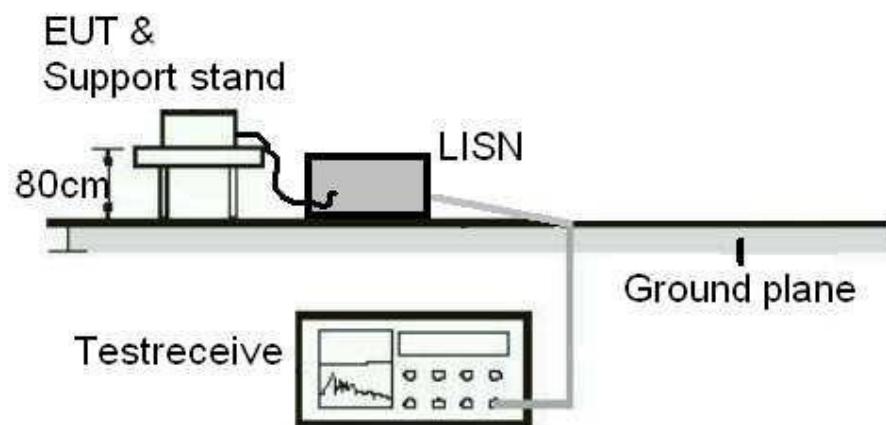


Diagram of Measurement Equipment Configuration for Conduction Measurement

**Prüfbericht - Nr.:** 17043757 001  
*Test Report No.*

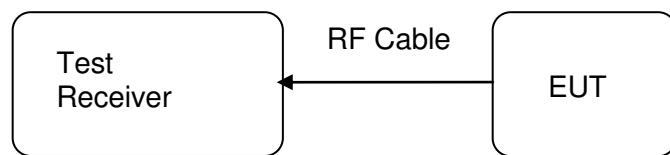
Seite 12 von 63  
Page 12 of 63



**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

Seite 13 von 63  
*Page 13 of 63*

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



**Prüfbericht - Nr.:** 17043757 001  
*Test Report No.*

Seite 14 von 63  
*Page 14 of 63*

## 5. Test Results

### 5.1 Test 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  
Limit : the use of antennas with directional gains that do not exceed 6 dBi

According to the manufacturer declared, the EUT has an internal PCB antenna, the directional gain of antenna is 1dBi, 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.

**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

Seite 15 von 63  
Page 15 of 63

## 5.1.2 Peak Output Power

### RESULT:

Pass

Test date : 2014-10-17  
Test standard : FCC Part 15.247(b)(1)&(b)(3)  
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
		(dBm)	(mW)	
Low Channel	2402	-8.51	0.14	1
Middle Channel	2440	-11.79	0.07	1
High Channel	2480	-8.25	0.15	1

**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

**Seite 16 von 63**  
*Page 16 of 63*

### 5.1.3 Power Density

#### RESULT:

**Pass**

Date of testing : 2014-10-17  
Test standard : FCC Part 15.247(e)  
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**

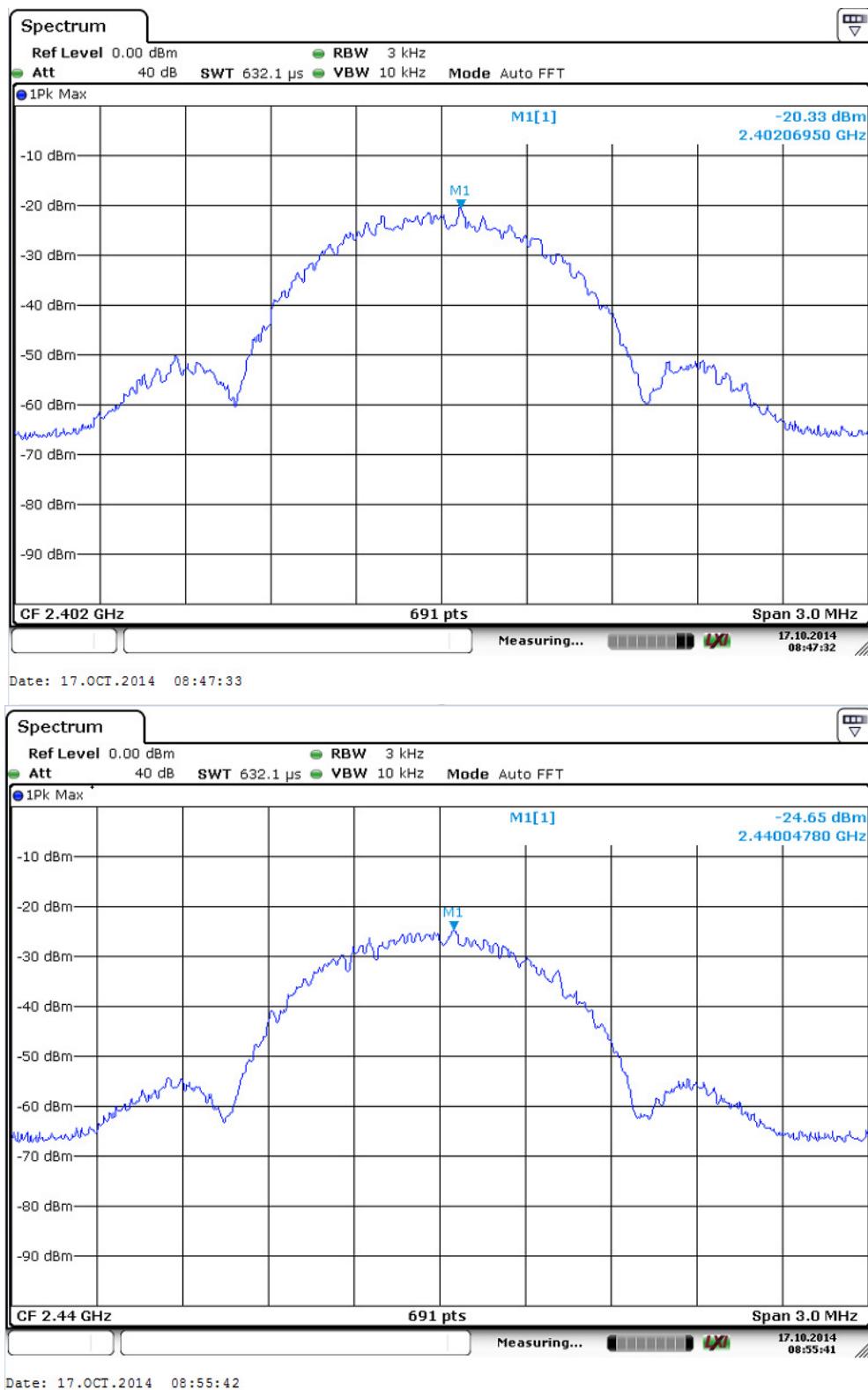
Channel	Channel Frequency (MHz)	Peak Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low Channel	2402	-19.08	8	Pass
Mid Channel	2440	-24.65	8	Pass
High Channel	2480	-20.56	8	Pass

For details refer to the following test plots.

**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

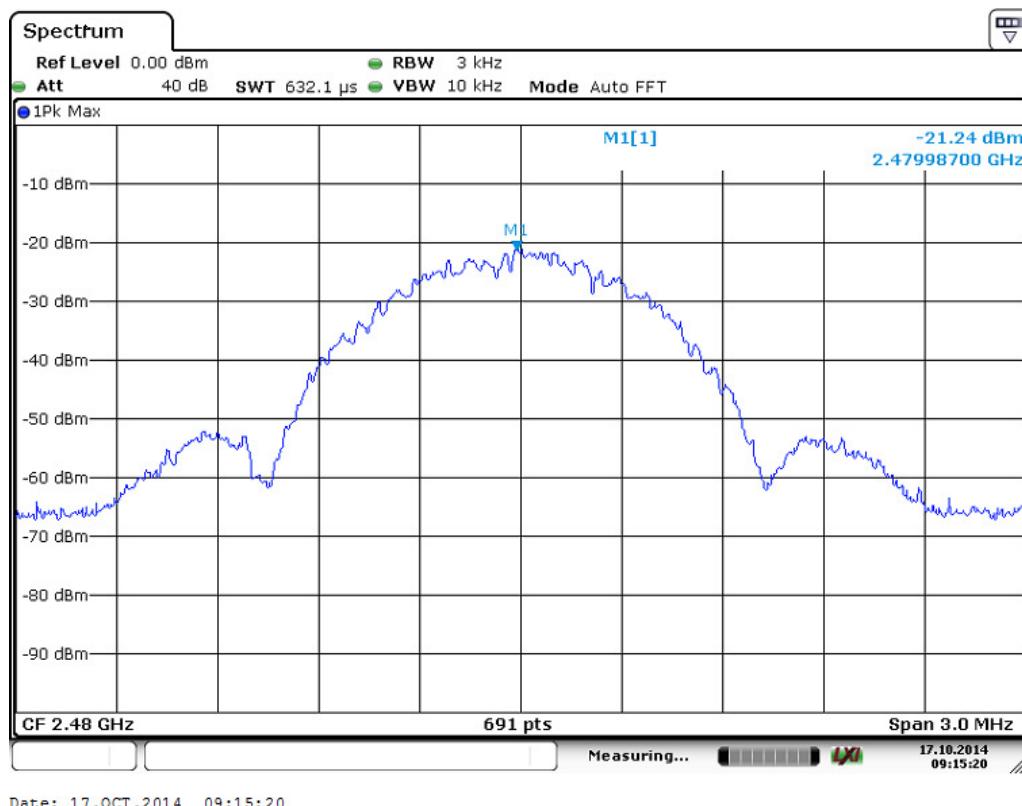
Seite 17 von 63  
Page 17 of 63

**Test plots of Power Density**



**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 18 von 63  
Page 18 of 63



**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

Seite 19 von 63  
Page 19 of 63

### 5.1.4 6dB Bandwidth

#### RESULT:

Pass

Date of testing : 2014-10-17  
Test standard : FCC Part 15.247(a)(2)  
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**

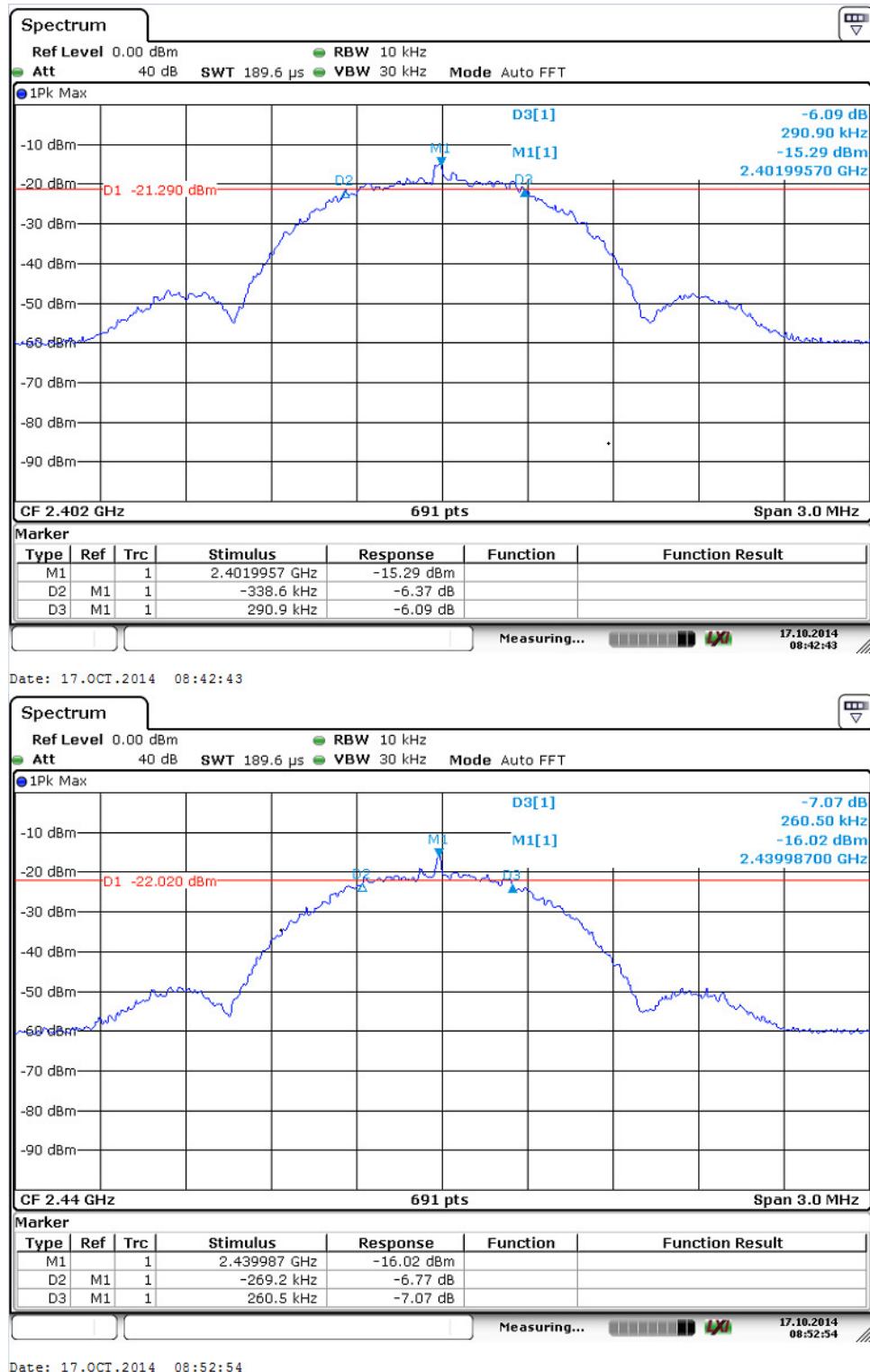
Channel	Channel Frequency (MHz)	6dB Bandwidth (kHz)	Limit (kHz)	Result
Low Channel	2402	629.5	>500	Pass
Mid Channel	2440	529.7	>500	Pass
High Channel	2480	516.7	>500	Pass

For details refer to the following test plots.

**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

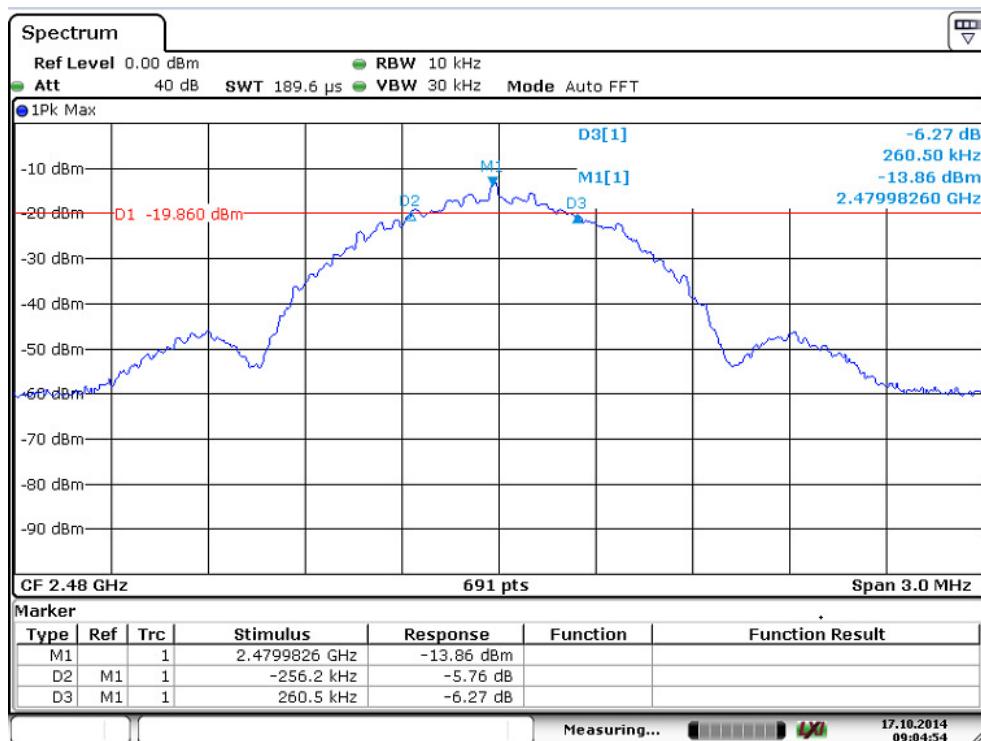
Seite 20 von 63  
Page 20 of 63

## Test plots of 6dB bandwidth



Prüfbericht - Nr.: 17043757 001  
Test Report No.

Seite 21 von 63  
Page 21 of 63



Date: 17.OCT.2014 09:04:54

**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

Seite 22 von 63  
Page 22 of 63

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

#### RESULT:

Pass

Date of testing	:	2014-10-17
Test standard	:	FCC Part 15.247(d)
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); 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

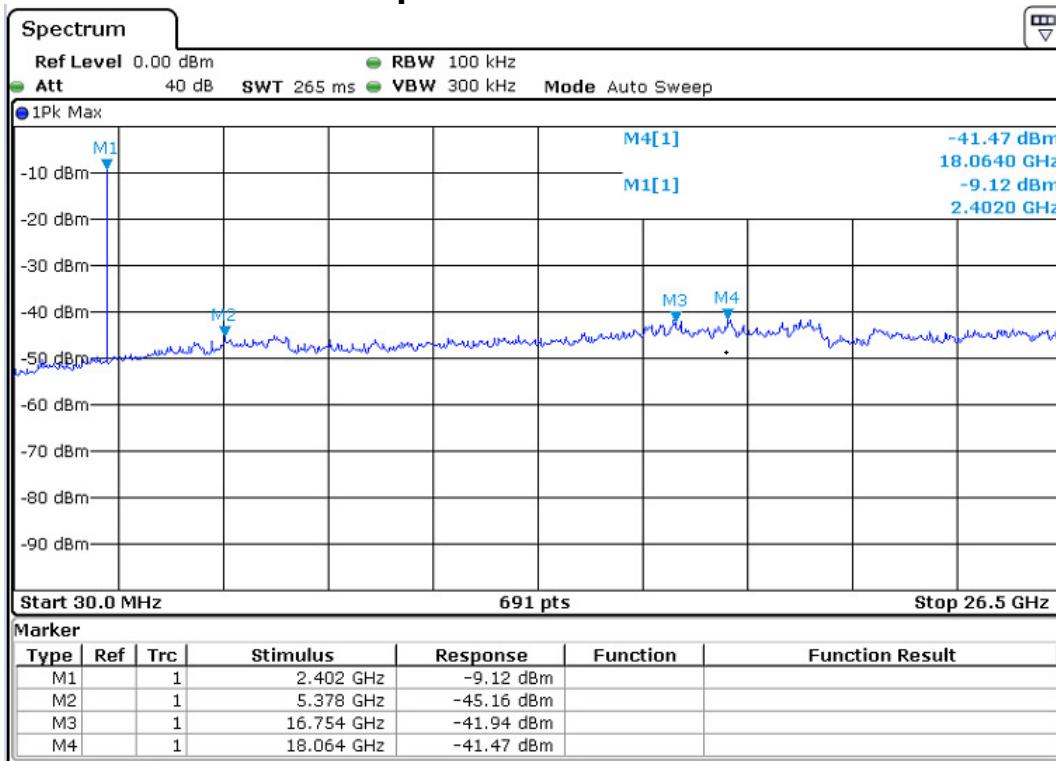
Test Channel	:	Low/Middle/ High
Operation mode	:	A
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101 kPa

For details refer to following test plots.

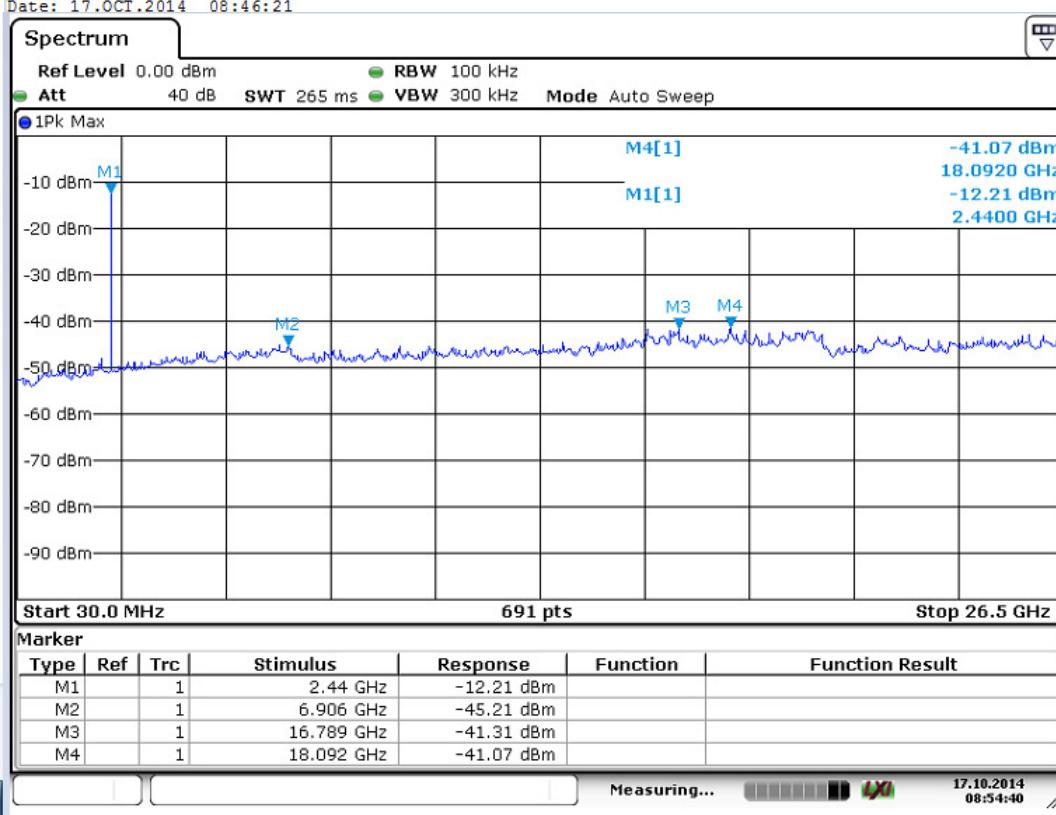
**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 23 von 63  
Page 23 of 63

**Test Plots of Conducted Spurious Emission**

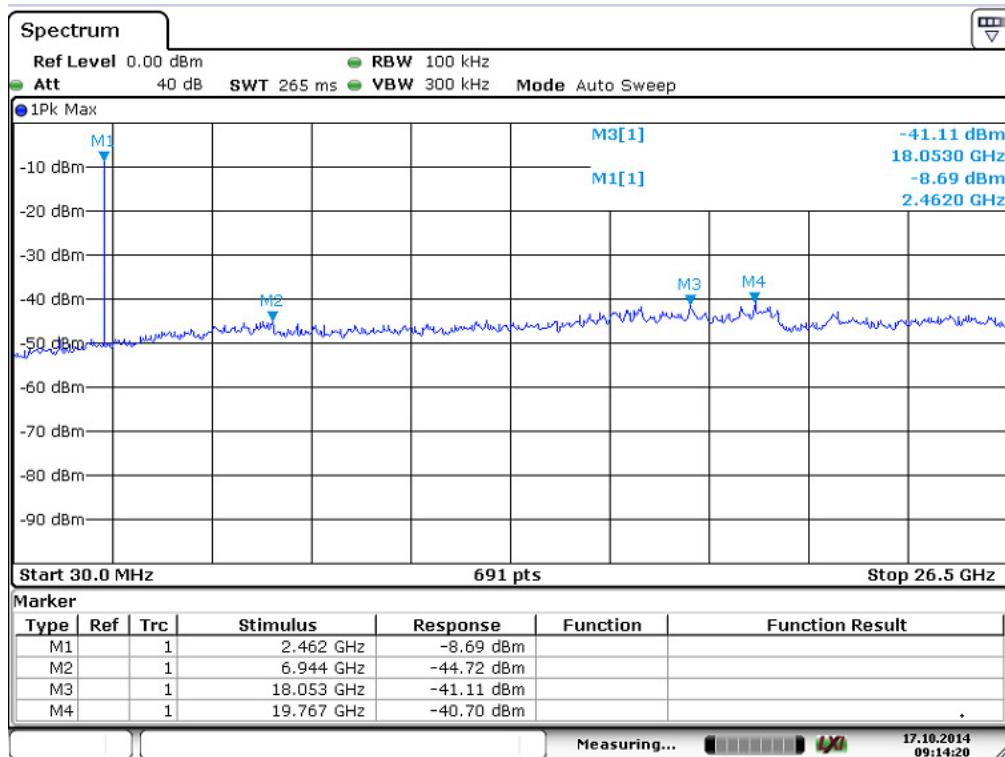


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**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 24 von 63  
Page 24 of 63



Date: 17.OCT.2014 09:14:20

**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

Seite 25 von 63  
Page 25 of 63

### 5.1.6 Radiated Spurious Emissions

#### RESULT:

**Pass**

Date of testing	:	2014-09-18
Test standard	:	FCC Part 15.247(d), FCC 15.205,
Basic standard	:	ANSI C63.10: 2009
Limit	:	Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §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.

**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

Seite 26 von 63  
Page 26 of 63

**Test Plots of Radiated Spurious Emission**

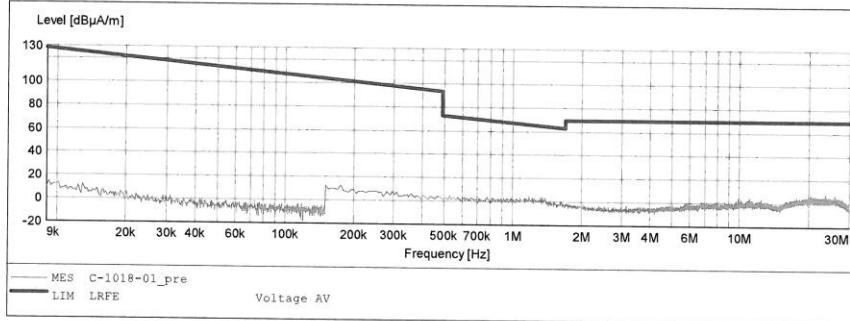
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3M Radiated**

EUT: Ringly M/N:Ringly  
Manufacturer: Ringly Co.,Ltd.  
Operating Condition: TX 2402MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: X  
Start of Test: 2014-10-18 /

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	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.: 17043757 001**  
*Test Report No.*

**Seite 27 von 63**  
*Page 27 of 63*

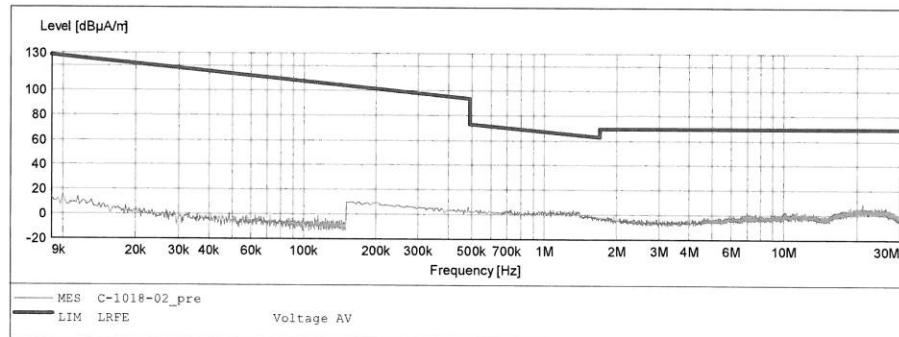
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3M Radiated**

EUT: Ringly M/N:Ringly  
Manufacturer: Ringly Co.,Ltd.  
Operating Condition: TX 2402MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Y  
Start of Test: 2014-10-18 /

**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.: 17043757 001**  
*Test Report No.*

**Seite 28 von 63**  
*Page 28 of 63*

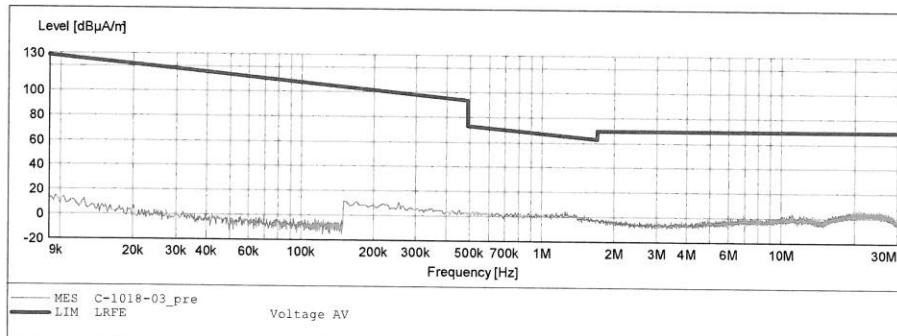
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3M Radiated**

EUT: Ringly M/N:Ringly  
Manufacturer: Ringly Co.,Ltd.  
Operating Condition: TX 2402MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Z  
Start of Test: 2014-10-18 /

**SCAN TABLE: "LRFE Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	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.: 17043757 001**  
*Test Report No.*

**Seite 29 von 63**  
*Page 29 of 63*

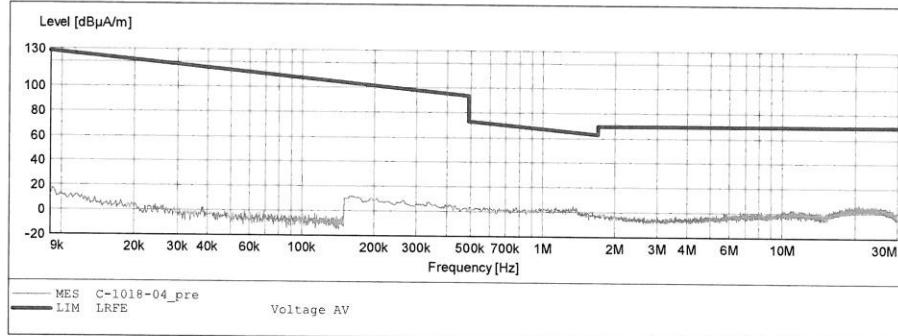
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3M Radiated**

EUT: Ringly M/N:Ringly  
Manufacturer: Ringly Co.,Ltd.  
Operating Condition: TX 2440MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: X  
Start of Test: 2014-10-18 /

**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.: 17043757 001**  
*Test Report No.*

**Seite 30 von 63**  
*Page 30 of 63*

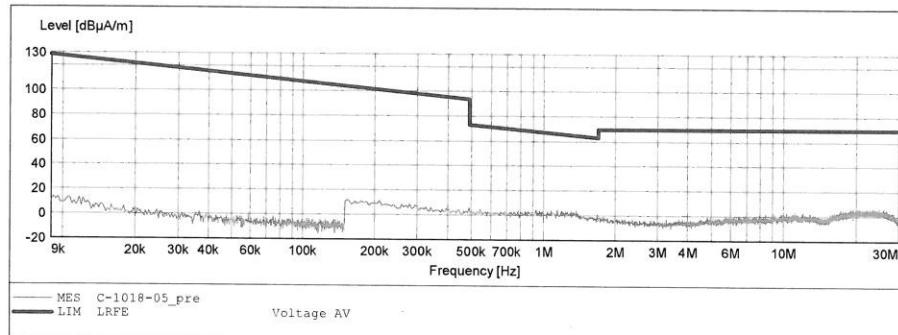
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3M Radiated**

EUT: Ringly M/N:Ringly  
Manufacturer: Ringly Co.,Ltd.  
Operating Condition: TX 2440MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Y  
Start of Test: 2014-10-18 /

**SCAN TABLE: "LFRE Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	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.: 17043757 001**  
*Test Report No.*

**Seite 31 von 63**  
*Page 31 of 63*

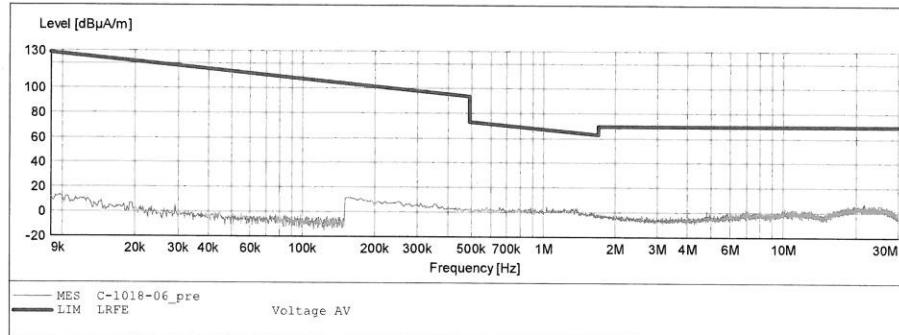
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3M Radiated**

EUT: Ringly M/N:Ringly  
Manufacturer: Ringly Co.,Ltd.  
Operating Condition: TX 2440MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Z  
Start of Test: 2014-10-18 /

**SCAN TABLE: "LRFE Fin"**

Short Description: - SUB_STD_VTERM2 1.70					
Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF 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.: 17043757 001**  
*Test Report No.*

**Seite 32 von 63**  
*Page 32 of 63*

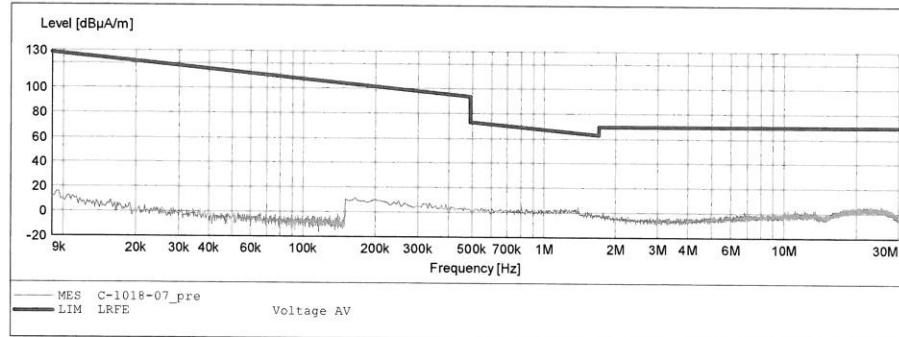
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3M Radiated**

EUT: Ringly M/N:Ringly  
Manufacturer: Ringly Co.,Ltd.  
Operating Condition: TX 2480MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: X  
Start of Test: 2014-10-18 /

**SCAN TABLE: "LFRE Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	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.: 17043757 001**  
*Test Report No.*

**Seite 33 von 63**  
*Page 33 of 63*

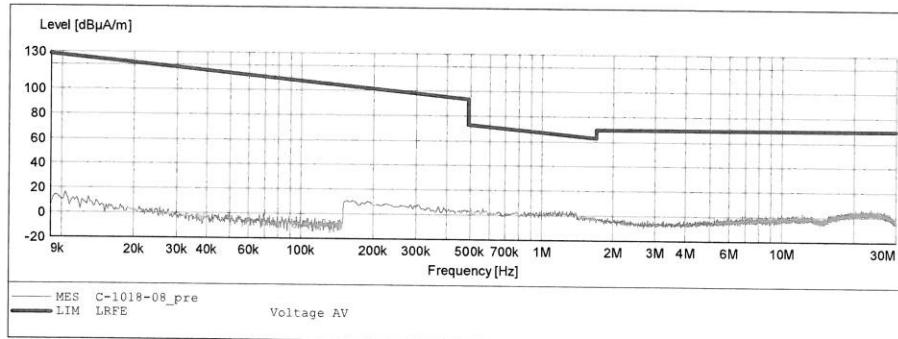
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3M Radiated**

EUT: Ringly M/N:Ringly  
Manufacturer: Ringly Co.,Ltd.  
Operating Condition: TX 2480MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Y  
Start of Test: 2014-10-18 /

**SCAN TABLE: "LFRE Fin"**

Short Description: - SUB\_STD\_VTERM2 1.70  
Start Stop Step - Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz 1516M  
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz 1516M



**Prüfbericht - Nr.: 17043757 001**  
*Test Report No.*

**Seite 34 von 63**  
*Page 34 of 63*

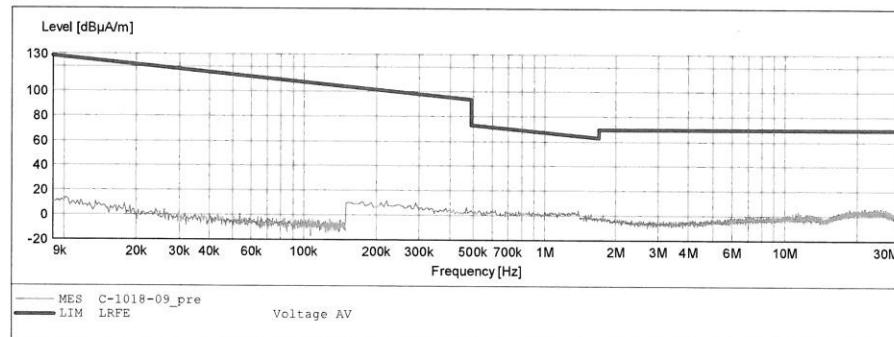
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3M Radiated**

EUT: Ringly M/N:Ringly  
Manufacturer: Ringly Co.,Ltd.  
Operating Condition: TX 2480MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Z  
Start of Test: 2014-10-18 /

**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.: 17043757 001**  
Test Report No.

Seite 35 von 63  
Page 35 of 63

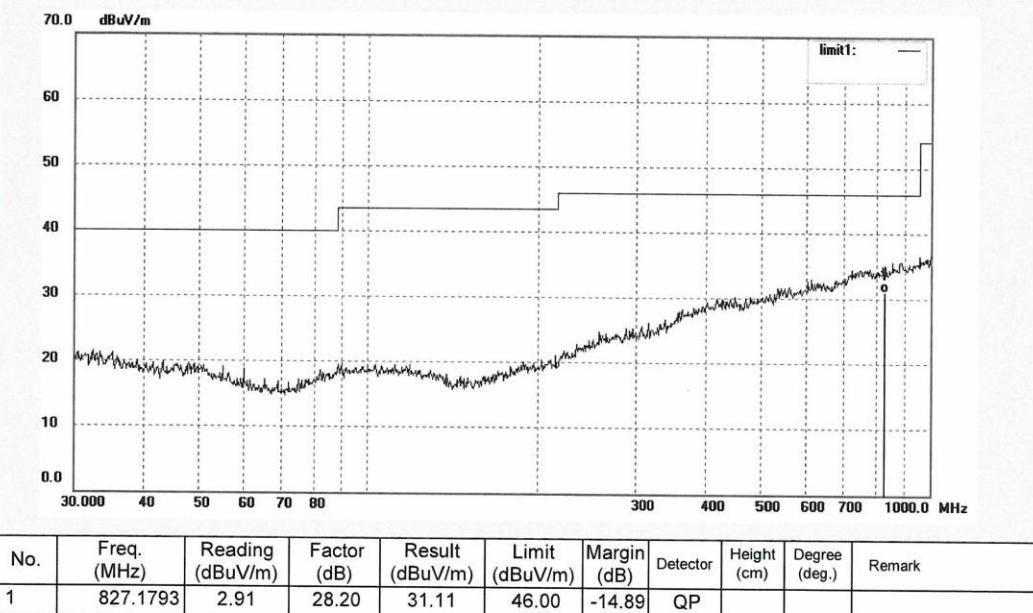


**ACCURATE TECHNOLOGY CO., LTD.**

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.: LAN2014 #1140	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2014/10/16
Temp.( C)/Hum.(%) 23 C / 49 %	Time:
EUT: Ringly	Engineer Signature:
Mode: TX 2402MHz	Distance: 3m
Model: Ringly	
Manufacturer: Ringly Co.,Ltd.	
Note:	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	827.1793	2.91	28.20	31.11	46.00	-14.89	QP			

**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 36 von 63  
Page 36 of 63



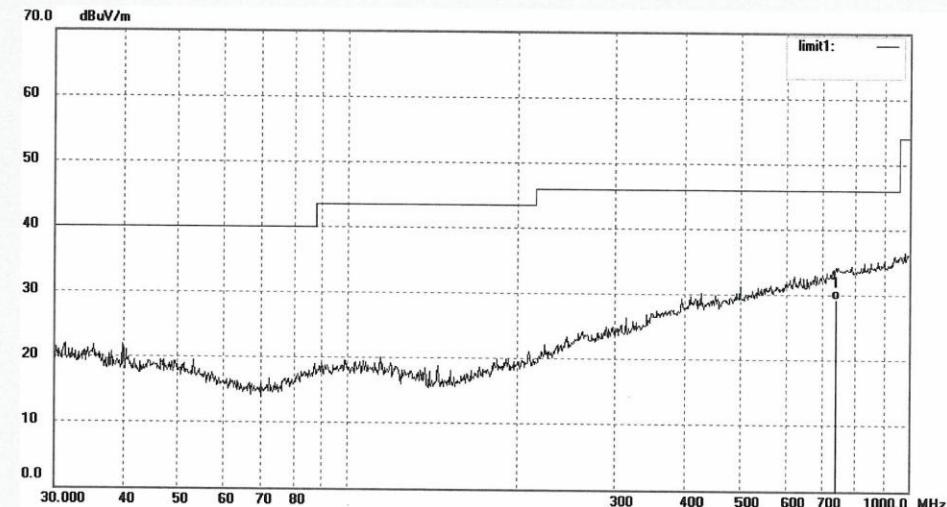
**ACCURATE TECHNOLOGY CO., LTD.**

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.:	LAN2014 #1141	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	DC 3.7V
Test item:	Radiation Test	Date:	2014/10/16
Temp.( C)/Hum.(%)	23 C / 49 %	Time:	
EUT:	Ringly	Engineer Signature:	
Mode:	TX 2402MHz	Distance:	3m
Model:	Ringly		
Manufacturer:	Ringly Co.,Ltd.		

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	739.2136	1.78	27.50	29.28	46.00	-16.72	QP			

**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 37 von 63  
Page 37 of 63



**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.: LAN2014 #1142

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2014/10/16

Temp.( C)/Hum.(%) 23 C / 49 %

Time:

EUT: Ringly

Engineer Signature:

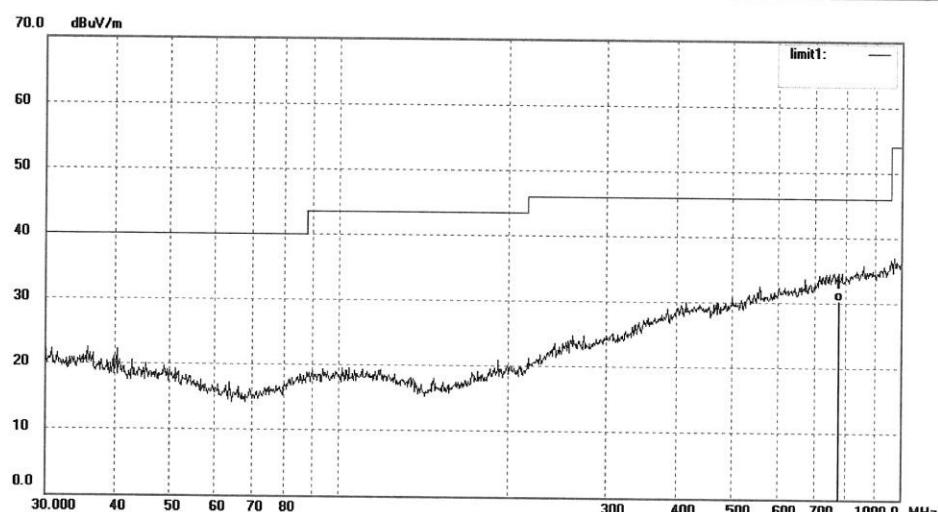
Mode: TX 2440MHz

Distance: 3m

Model: Ringly

Manufacturer: Ringly Co.,Ltd.

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	773.7612	2.43	27.85	30.28	46.00	-15.72	QP			

**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 38 von 63  
Page 38 of 63



**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.: LAN2014 #1143

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2014/10/16

Temp.( C)/Hum.(%) 23 C / 49 %

Time:

EUT: Ringly

Engineer Signature:

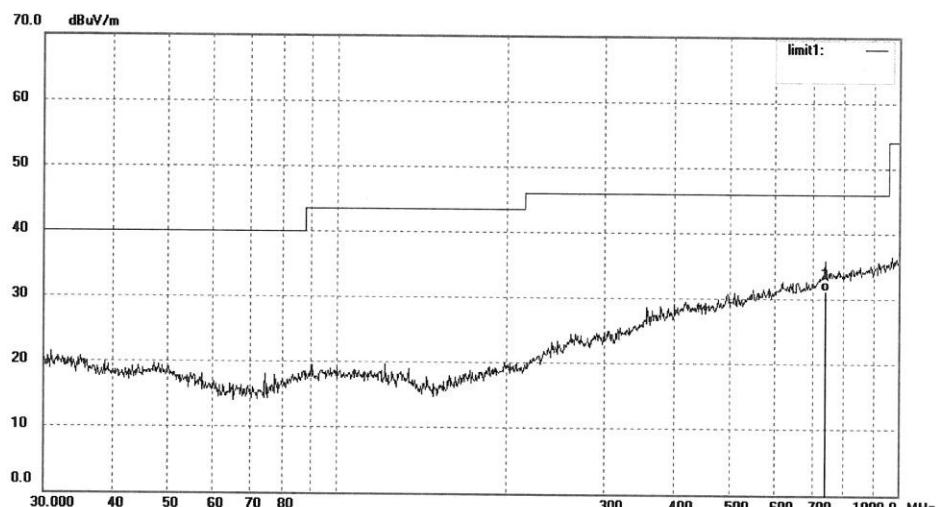
Mode: TX 2440MHz

Distance: 3m

Model: Ringly

Manufacturer: Ringly Co.,Ltd.

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	739.2136	3.79	27.50	31.29	46.00	-14.71	QP			

**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 39 von 63  
Page 39 of 63



**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.: LAN2014 #1144

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2014/10/16

Temp.( C)/Hum.(%) 23 C / 49 %

Time:

EUT: Ringly

Engineer Signature:

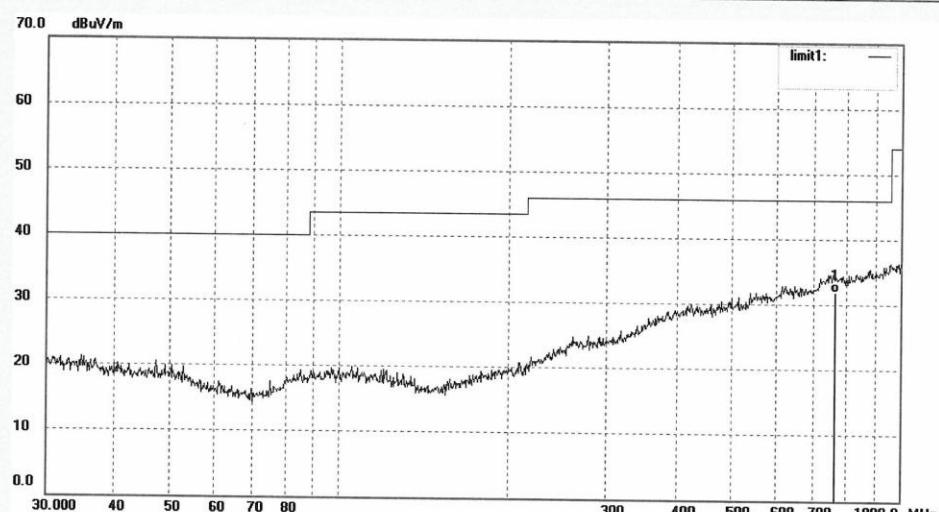
Mode: TX 2480MHz

Distance: 3m

Model: Ringly

Manufacturer: Ringly Co.,Ltd.

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	762.9628	4.17	27.81	31.98	46.00	-14.02	QP			

**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 40 von 63  
Page 40 of 63



**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.: LAN2014 #1145

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2014/10/16

Temp.( C)/Hum.(%) 23 C / 49 %

Time:

EUT: Ringly

Engineer Signature:

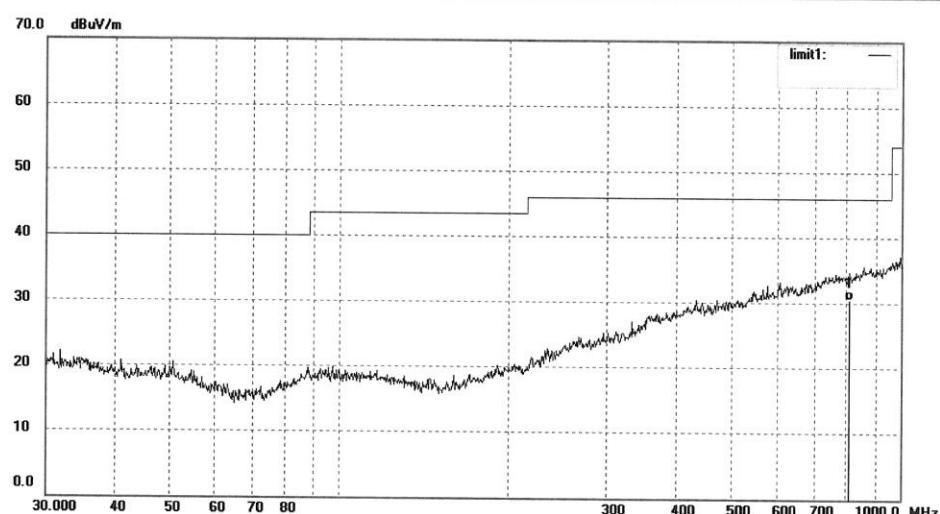
Mode: TX 2480MHz

Distance: 3m

Model: Ringly

Manufacturer: Ringly Co.,Ltd.

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	807.0828	2.54	27.94	30.48	46.00	-15.52	QP			

**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 41 von 63  
Page 41 of 63



**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.: LAN2014 #1129

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2014/10/16

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

Time:

EUT: Ringly

Engineer Signature:

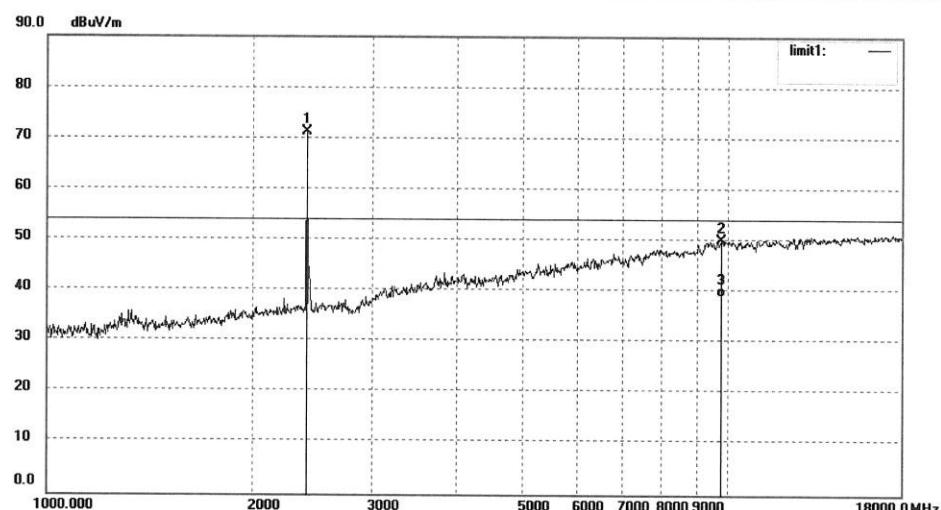
Mode: TX 2402MHz

Distance: 3m

Model: Ringly

Manufacturer: Ringly Co.,Ltd.

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	78.57	-7.45	71.12	/	/	peak			
2	9753.371	40.35	9.61	49.96	74.00	-24.04	peak			
3	9753.371	29.46	9.61	39.07	54.00	-14.93	AVG			

**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 42 von 63  
Page 42 of 63

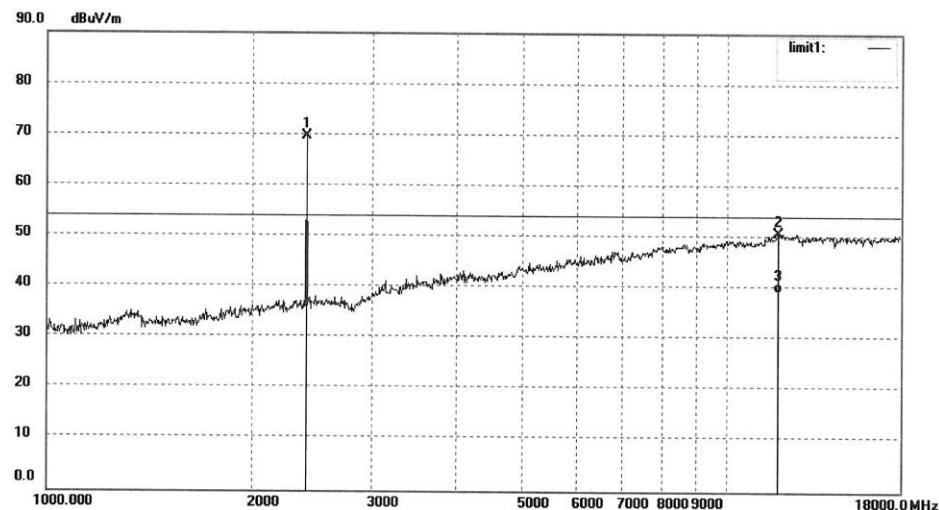


**ACCURATE TECHNOLOGY CO., LTD.**

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.: LAN2014 #1130	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2014/10/16
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Ringly	Engineer Signature:
Mode: TX 2402MHz	Distance: 3m
Model: Ringly	
Manufacturer: Ringly Co.,Ltd.	
Note:	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	77.01	-7.45	69.56	/	/	peak			
2	11906.073	39.58	11.24	50.82	74.00	-23.18	peak			
3	11906.073	27.93	11.24	39.17	54.00	-14.83	AVG			

**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 43 von 63  
Page 43 of 63



**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.: LAN2014 #1131

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2014/10/16

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

Time:

EUT: Ringly

Engineer Signature:

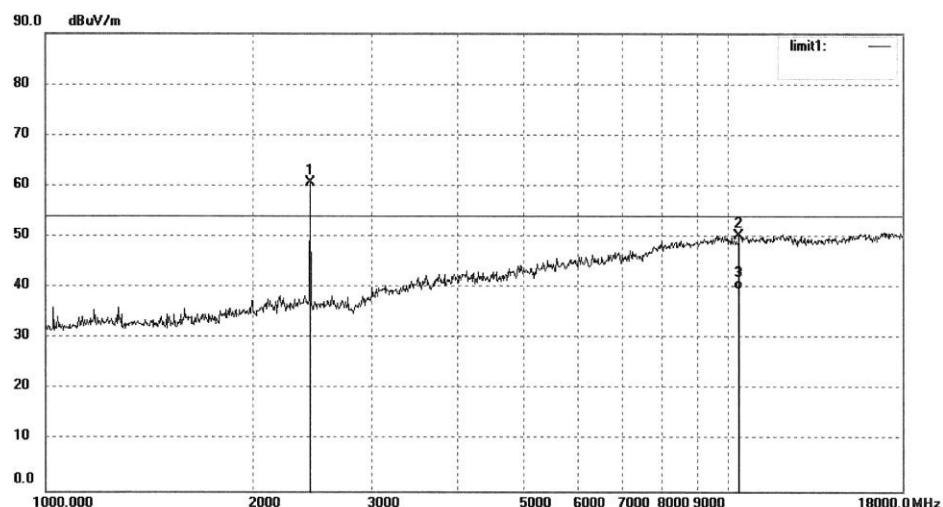
Mode: TX 2440MHz

Distance: 3m

Model: Ringly

Manufacturer: Ringly Co.,Ltd.

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	67.93	-7.36	60.57	/	/	peak			
2	10363.715	41.42	8.97	50.39	74.00	-23.61	peak			
3	10363.715	30.72	8.97	39.69	54.00	-14.31	AVG			

**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 44 von 63  
Page 44 of 63



**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.: LAN2014 #1132

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2014/10/16

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

Time:

EUT: Ringly

Engineer Signature:

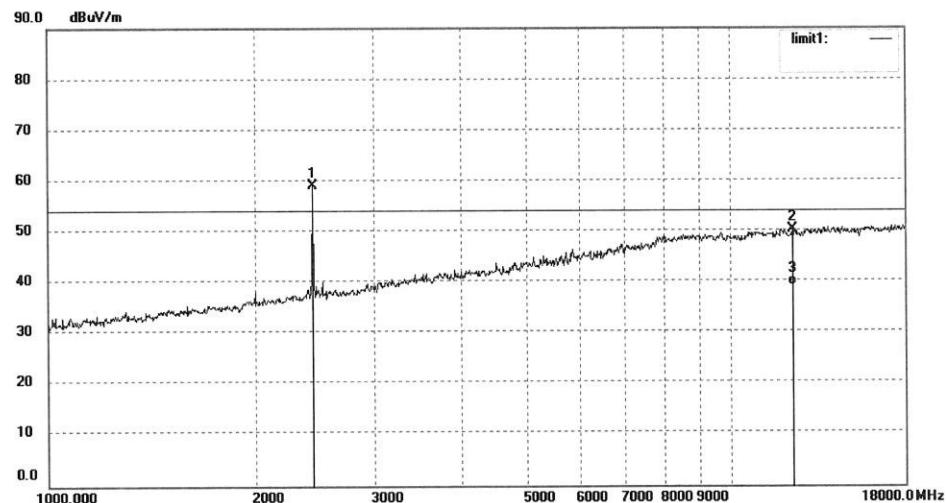
Mode: TX 2440MHz

Distance: 3m

Model: Ringly

Manufacturer: Ringly Co.,Ltd.

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	66.49	-7.36	59.13	/	/	peak			
2	12255.224	12.22	38.16	50.38	74.00	-3.62	peak			
3	12255.224	1.16	38.16	39.32	54.00	-14.68	AVG			

**Prüfbericht - Nr.: 17043757 001**  
Test Report No.

Seite 45 von 63  
Page 45 of 63



**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.: LAN2014 #1133

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2014/10/16

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

Time:

EUT: Ringly

Engineer Signature:

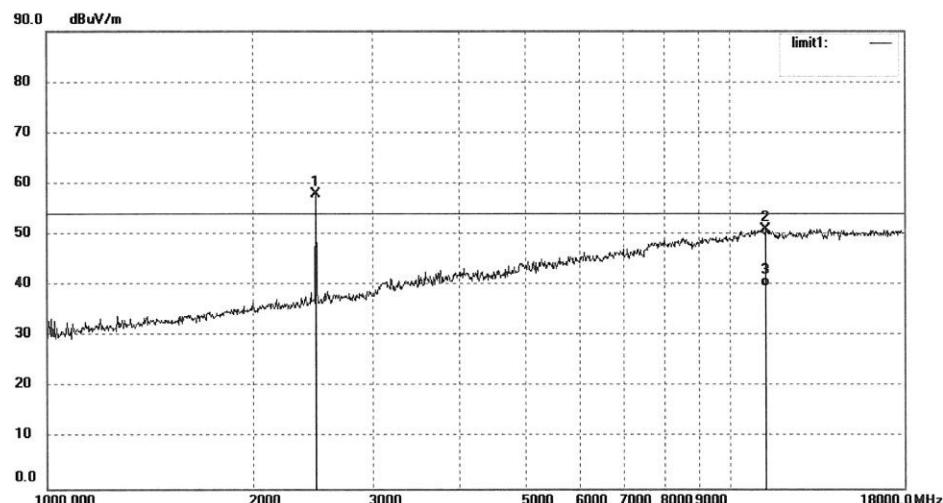
Mode: TX 2480MHz

Distance: 3m

Model: Ringly

Manufacturer: Ringly Co.,Ltd.

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	65.22	-7.37	57.85	/	/	peak			
2	11237.329	40.99	9.90	50.89	74.00	-23.11	peak			
3	11237.329	29.74	9.90	39.64	54.00	-14.36	AVG			