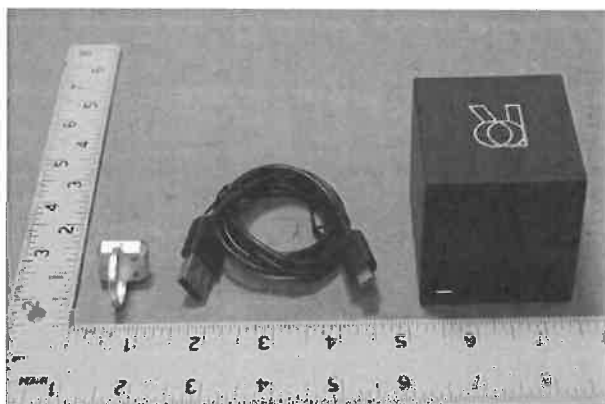
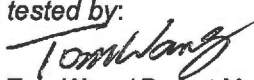
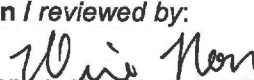


<b>Prüfbericht-Nr.:</b> Test Report No.:	<b>17048790 001</b>	<b>Auftrags-Nr.:</b> Order No.:	<b>164033906</b>	<b>Seite 1 von 65</b> Page 1 of 65
<b>Kunden-Referenz-Nr.:</b> Client Reference No.:		<b>Auftragsdatum:</b> Order date:	<b>13.04.2015</b>	
<b>Auftraggeber:</b> Client:	<b>Ringly</b> 39 W 14th St # 202, New York, NY 10011 USA			
<b>Prüfgegenstand:</b> Test item:	<b>Ringly</b>			
<b>Bezeichnung / Typ-Nr.:</b> Identification / Type No.:	<b>J12A</b>			
<b>Auftrags-Inhalt:</b> Order content:	<b>Class II permissive change</b>			
<b>Prüfgrundlage:</b> Test specification:	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 15.207 FCC CFR47 Part 15: Subpart C Section 15.209 FCC CFR47 Part 15: Subpart C Section 15.247 FCC KDB publication 447498 D01 v05r02			
<b>Wareneingangsdatum:</b> Date of receipt:	<b>23.04.2015</b>			
<b>Prüfmuster-Nr.:</b> Test sample No.:	<b>A000190040 002</b>			
<b>Prüfzeitraum:</b> Testing period:	<b>23.04.2014 - 30.04.2015</b>			
<b>Ort der Prüfung:</b> Place of testing:	<b>Accurate Technology Co., Ltd.</b>			
<b>Prüflaboratorium:</b> Testing laboratory:	<b>TÜV Rheinland (Shenzhen) Co., Ltd.</b>			
<b>Prüfergebnis*:</b> Test result*:	<b>Pass</b>			
				
<b>geprüft von / tested by:</b>		<b>kontrolliert von / reviewed by:</b>		
15.05.2015  Tom Wang/ Project Manager		15.05.2015  Winnie Hou / Technical Certifier		
<b>Datum</b> Date	<b>Name / Stellung</b> Name / Position	<b>Unterschrift</b> Signature	<b>Datum</b> Date	<b>Name / Stellung</b> Name / Position
<b>Sonstiges / Other:</b> This test report made Class II permissive change to FCC ID 2AB9V-J12. PCB manufacturer was changed and three passive components ( capacitor and inductance) were replaced in the new design, and also there are some minor modifications of the PCB layout. The RF module, RF parameters and product functions remain the same with the certified design. All test radio spectrum and EMC test requirement were carried out in current test report.				
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> Condition of the test item at delivery:		<b>Prüfmuster vollständig und unbeschädigt</b> Test item complete and undamaged		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
<b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b> 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 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*

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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.

## 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	Rohde&Schwarz	FSV40	101495	2016-01-10
Test Receiver	Rohde & Schwarz	ESCS30	100307	2016-01-10
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2016-01-10
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2016-01-10
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2016-01-10
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2016-01-10
Pre-Amplifier	Rohde & Schwarz	CBLU1183540-01	3791	2016-01-10
<b>Radio Test Suite</b>				
Receiver	Rohde & Schwarz	FSV40	101495	2016-01-10
<b>Conducted Emission</b>				
Test Receiver	Rohde & Schwarz	ESCS30	100307	2016-01-10
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	2016-01-10
L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100310	2016-01-10
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2016-01-10
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2016-01-10
RF Coaxial Cable	SUHNER	N-2m	No.3	2016-01-10

## 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 Material 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: 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
Channel spacing	2MHz
Bluetooth version	Bluetooth 4.0 (single mode)
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.

### 3.5 Submitted Documents

- Block Diagram
- Bill of Material

- Circuit Diagram
- Instruction Manual



- Rating Label

## 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 3: 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 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.

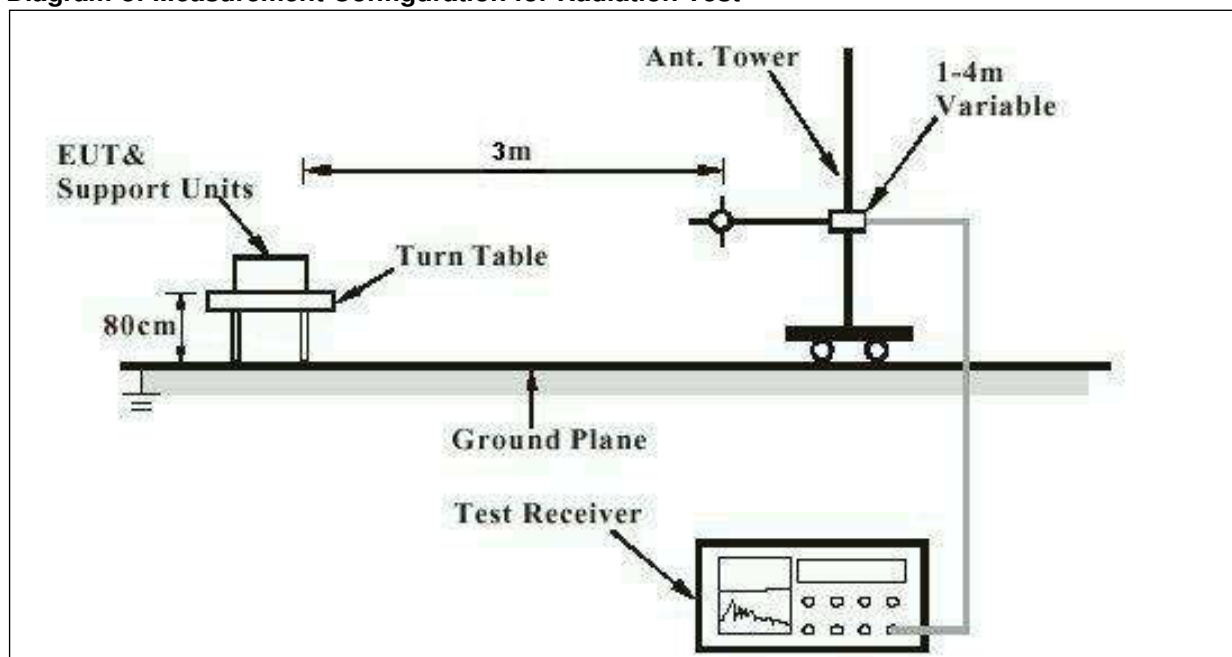
## 4.4 Special Accessories and Auxiliary Equipment

Auxiliary equipment:

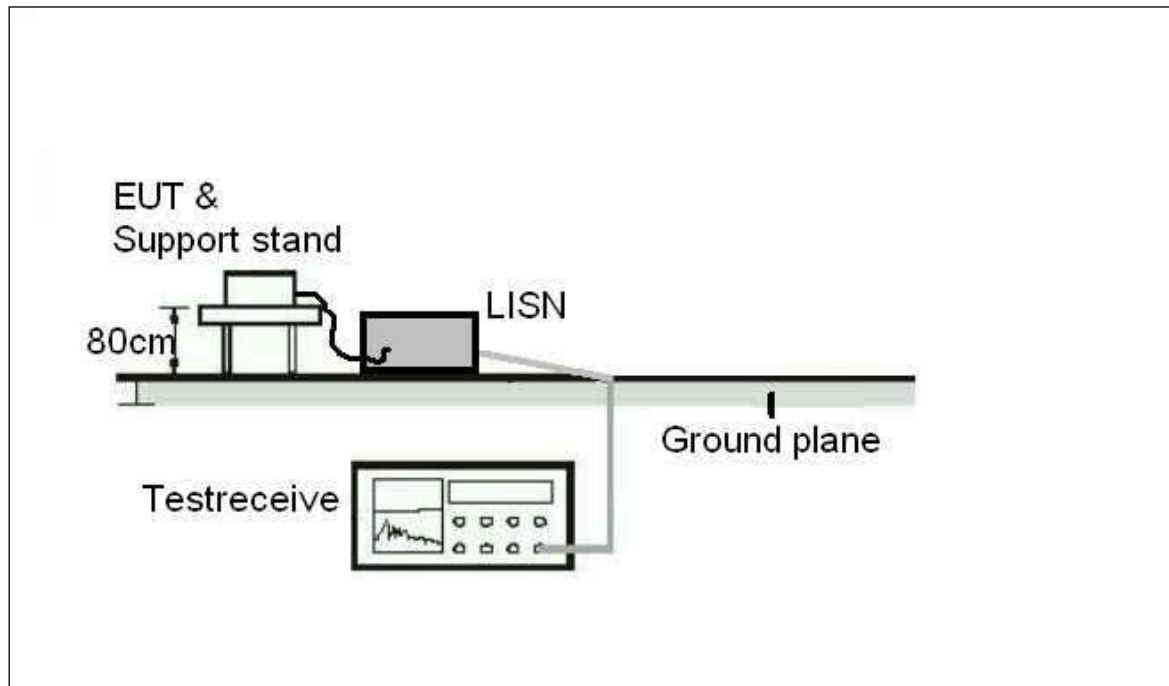
Description	Manufacturer	Model	S/N
PC	Lenovo	4290-RT8	R9-FW93G
Printer	HP	HP laserjet 1015	--

## 4.5 Test Setup Diagram

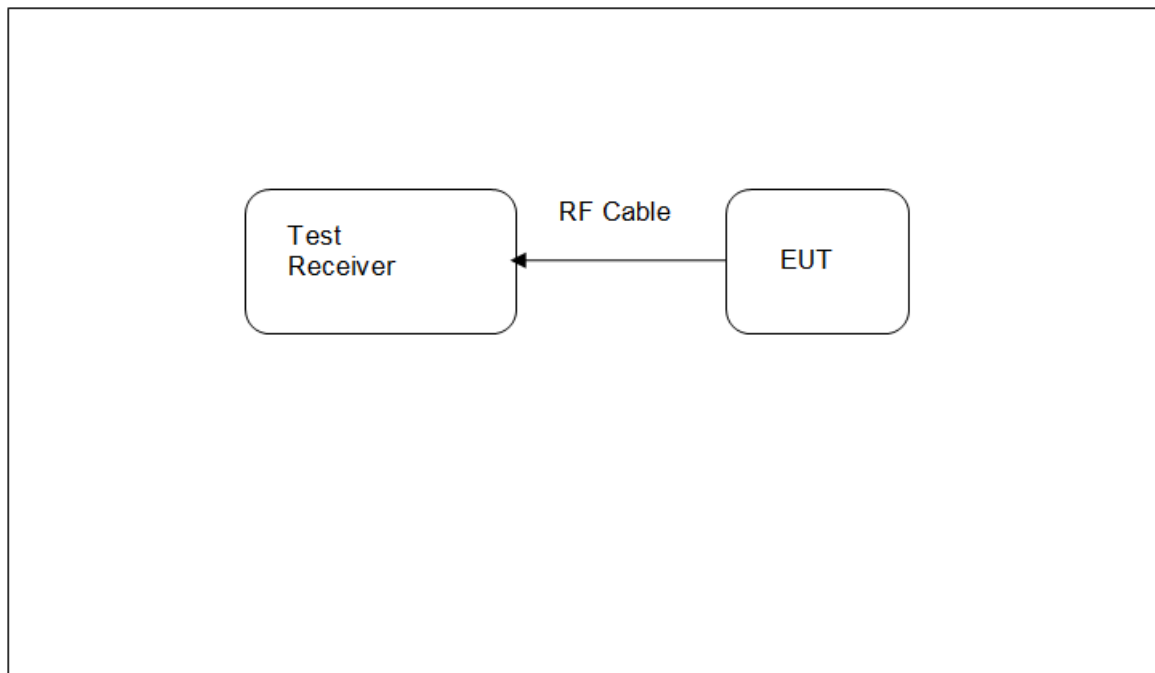
Diagram of Measurement Configuration for Radiation Test



**Diagram of Measurement Equipment Configuration for Conduction Measurement**



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



## 5. Test Results

### 5.1 Test Requirement & Test Suites

#### 5.1.1 Antenna Requirement

**RESULT:**

**Pass**

Test standard	:	FCC Part 15.247(b)(4) and Part 15.203 RSS-Gen 7.1.4
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.

## 5.1.2 Peak Output Power

### RESULT:

**Pass**

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 4: Test result of Peak Output Power**

Channel	Channel Frequency (MHz)	Peak Output Power		Limit
		(dBm)	(mW)	(W)
Low Channel	2402	-15.85	0.026	1
Middle Channel	2440	-15.75	0.027	1
High Channel	2480	-15.56	0.028	1

### 5.1.3 Power Density

**RESULT:**

**Pass**

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**

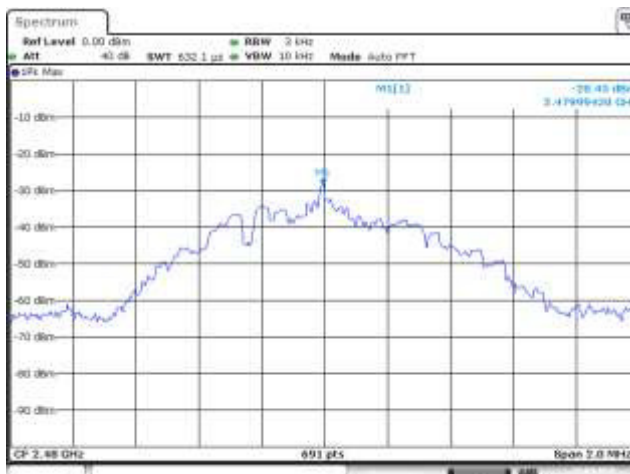
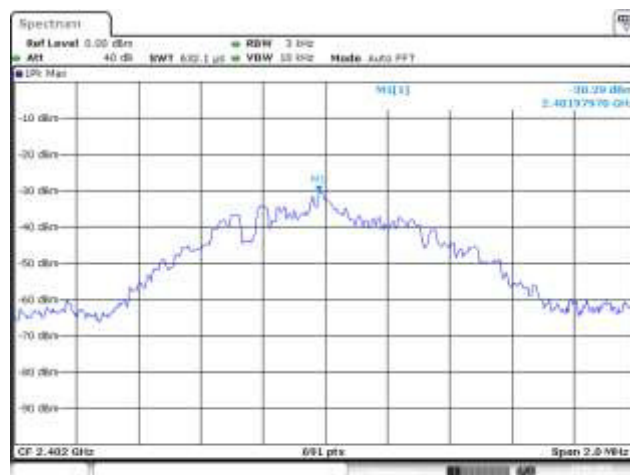
Test Channel : Low/ Middle/ High  
Operation mode : A  
Ambient temperature : 23°C  
Relative humidity : 48%  
Atmospheric pressure : 101 kPa

**Table 5: Test result of power density**

Channel	Channel Frequency (MHz)	Peak Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low Channel	2402	-30.29	8	Pass
Mid Channel	2440	-29.95	8	Pass
High Channel	2480	-28.45	8	Pass

For details refer to the following test plots.

## Test plots of Power Density



## 5.1.4 6dB Bandwidth

### RESULT:

**Pass**

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

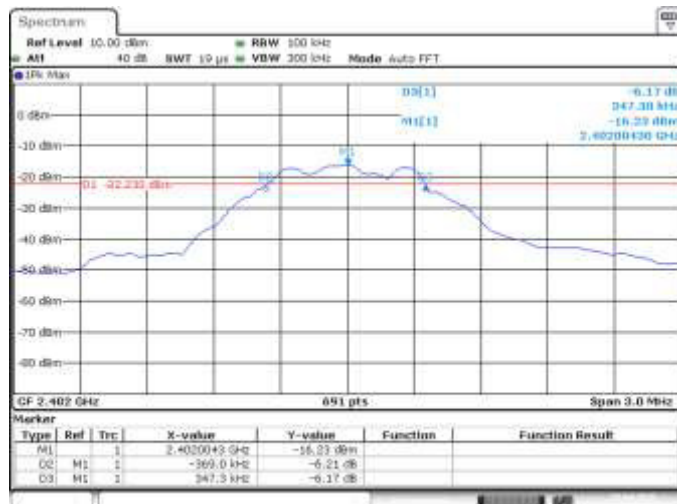
**Table 6: Test result of 6dB Bandwidth**

Channel	Channel Frequency (MHz)	6dB Bandwidth (kHz)	Limit (kHz)	Result
Low Channel	2402	716	>500	Pass
Mid Channel	2440	712	>500	Pass
High Channel	2480	716	>500	Pass

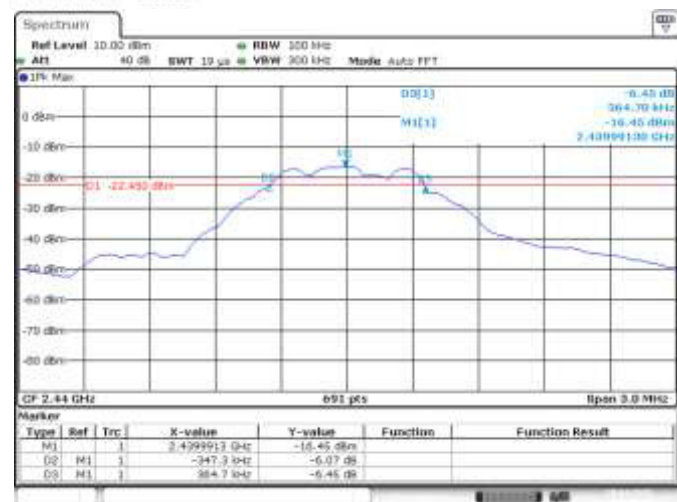
For details refer to the following test plots.



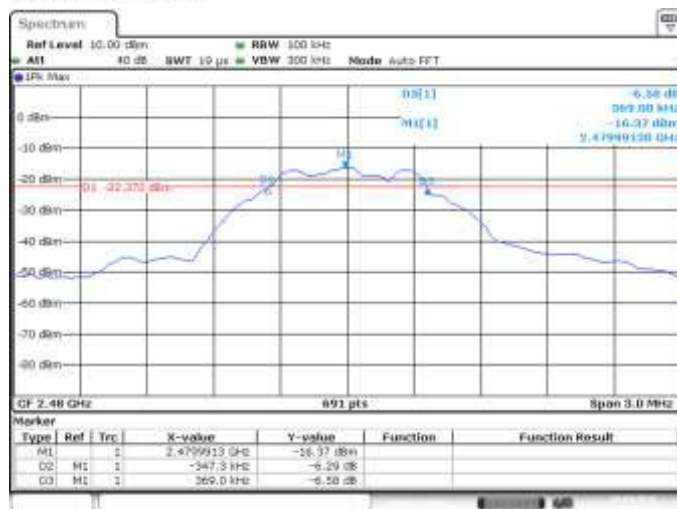
## Test plots of 6dB bandwidth



Date: 25.Aug.2015 13:03:28



Date: 25.Aug.2015 13:04:29



Date: 25.Aug.2015 13:07:11

## 5.1.5 Conducted Spurious Emissions Measured in 100kHz Bandwidth

### RESULT:

**Pass**

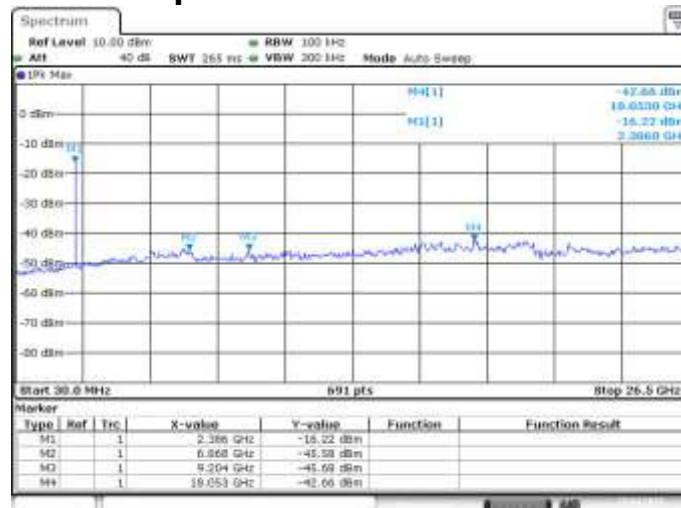
Test standard	:	FCC Part 15.247(d) RSS-210 A8.5
Basic standard	:	ANSI C63.10: 2009
Limit	:	20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated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

### Test setup

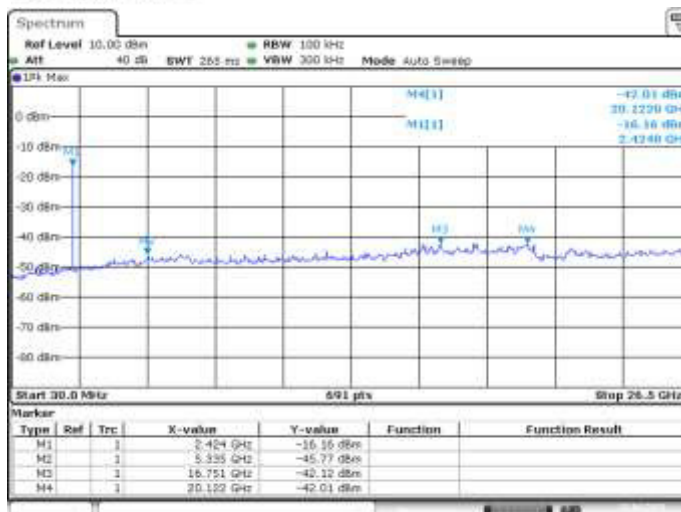
Test Channel	:	Low/Middle/ High
Operation mode	:	A
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101 kPa

For details refer to following test plots.

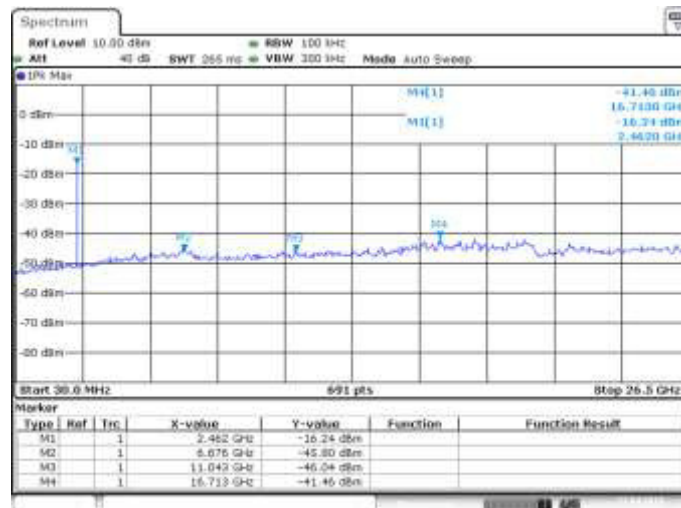
## Test Plots of Conducted Spurious Emission



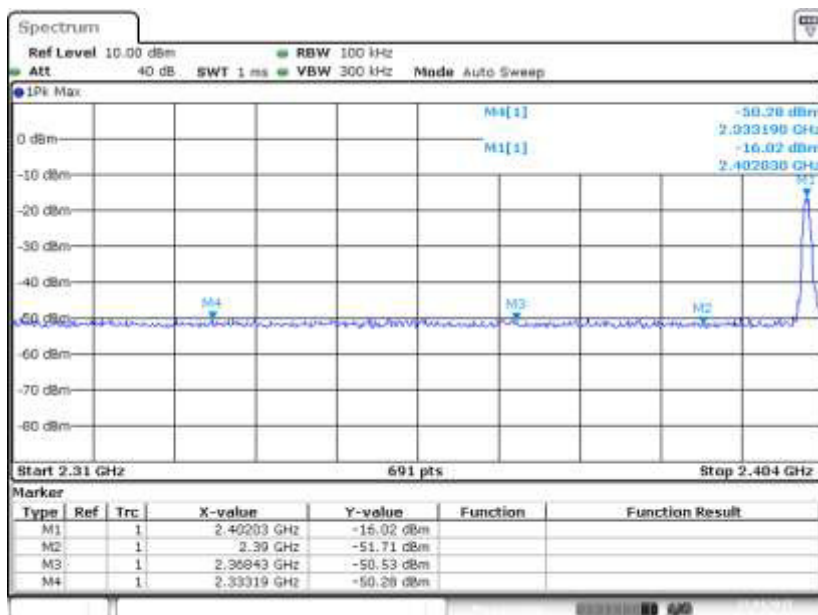
Date: 23.APR.2019 11:59:09



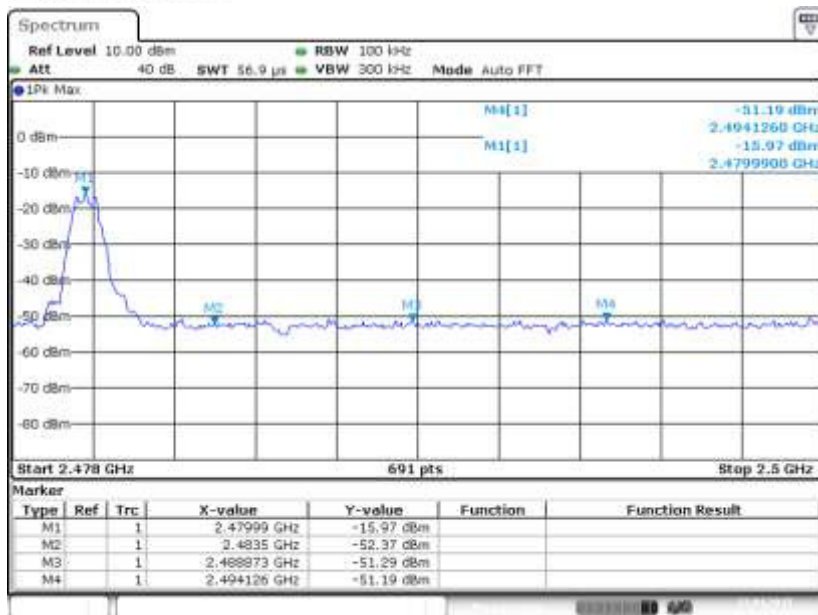
Date: 23.APR.2019 11:59:56



Date: 23.APR.2019 12:00:50



Date: 23.APR.2015 11:56:46



Date: 23.APR.2015 11:57:37

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## 5.1.6 Radiated Spurious Emissions

### RESULT:

**Pass**

Test standard : FCC Part 15.247(d), FCC 15.205  
RSS-210 Clause 2.2  
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.

## Test Plots of Radiated Spurious Emission 9K-1GHz

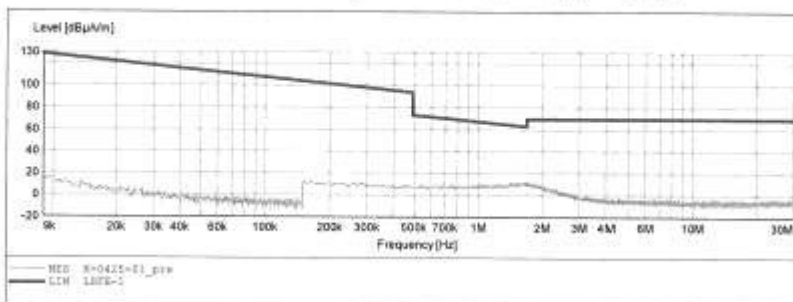
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Ring M/N:Ringly  
Manufacturer: Ringly  
Operating Condition: TX 2402MHz  
Test Site: 2# Chamber  
Operator: LAH  
Test Specification: DC 3.7V  
Comment: X  
Start of Test: 2015-4-25 /

### SCAN TABLE: "LFRE Fin"

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



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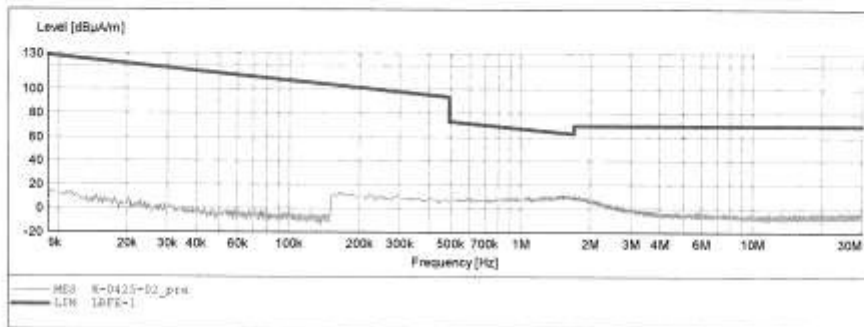
ACCURATE TECHNOLOGY CO.,LTD

**FCC Class B 3M Radiated**

EUT: Ring M/N:Ringly  
Manufacturer: Ringly  
Operating Condition: TX 2402MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Y  
Start of Test: 2015-4-25 /

**SCAN TABLE: "LFRE Fin"**

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



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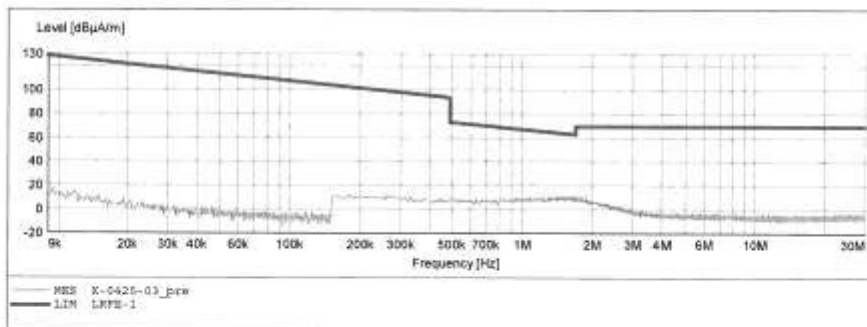
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Ring M/N:Ringly  
Manufacturer: Ringly  
Operating Condition: TX 2402MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Z  
Start of Test: 2015-4-25 /

**SCAN TABLE: "LFRE Fin"**

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





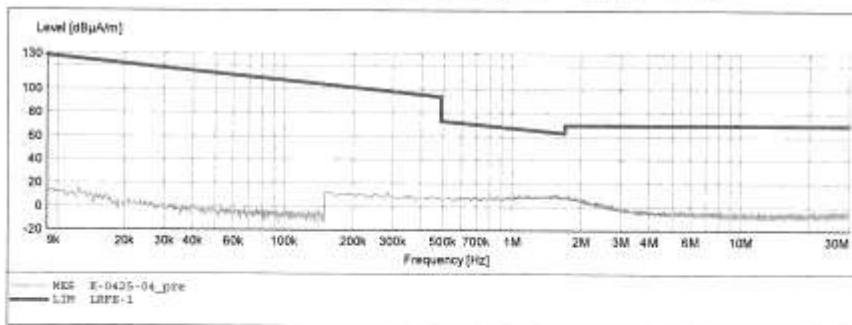
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Ring M/N:Ringly  
Manufacturer: Ringly  
Operating Condition: TX 2440MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: X  
Start of Test: 2015-4-25 /

**SCAN TABLE: "LFRE Fin"**

Short Description:				SUB_STD_VTERM2 1.70		
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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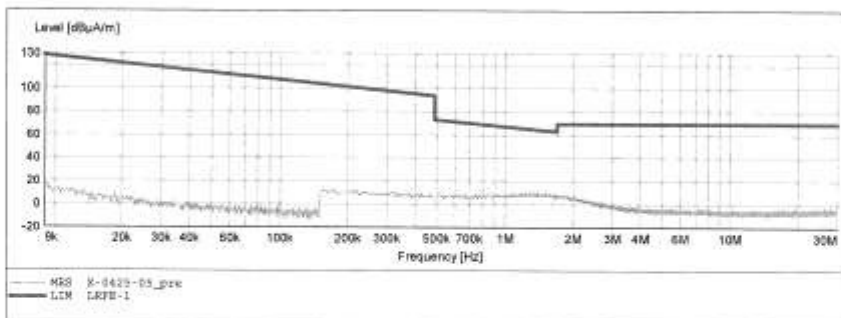
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Ring M/N:Ringly  
Manufacturer: Ringly  
Operating Condition: TX 2440MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Y  
Start of Test: 2015-4-25 /

**SCAN TABLE: "LFRE Fin"**

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



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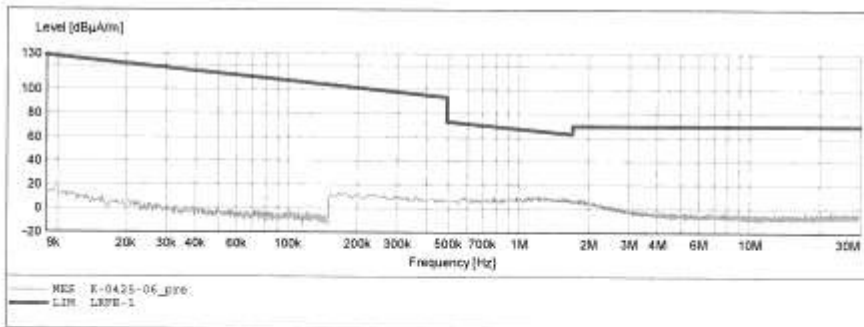
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Ring M/N:Ringly  
Manufacturer: Ringly  
Operating Condition: TX 2440MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Z  
Start of Test: 2015-4-25 /

**SCAN TABLE: "LFRE Fin"**

Short Description:				SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M	
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M	



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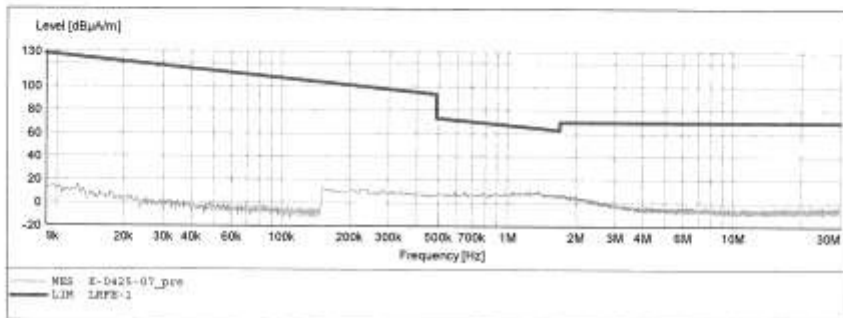
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Ring M/N:Ringly  
Manufacturer: Ringly  
Operating Condition: TX 2400MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: X  
Start of Test: 2015-4-25 /

**SCAN TABLE: "LFRE Pin"**

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



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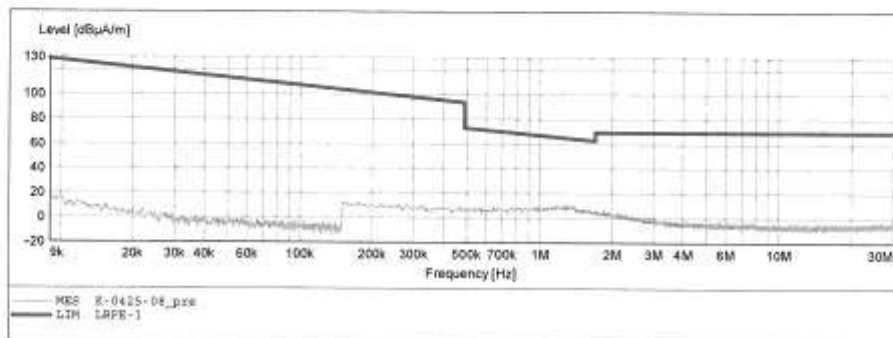
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Ring M/N:Ringly  
Manufacturer: Ringly  
Operating Condition: TX 2460MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Y  
Start of Test: 2015-4-25 /

**SCAN TABLE: "LFRE Fin"**

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



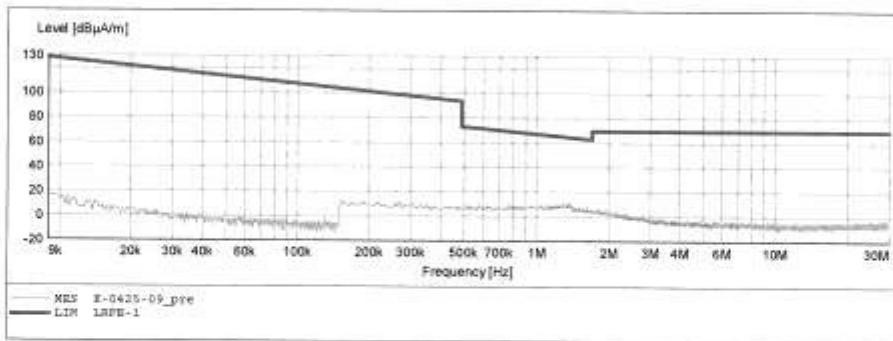
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Ring M/N:Ringly  
Manufacturer: Ringly  
Operating Condition: TX 2400MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Z  
Start of Test: 2015-4-25 /

**SCAN TABLE: "LFRE Fin"**

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



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**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.: LAN2015 #1045

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Ring

Mode: TX 2402MHz

Model: Ringly

Manufacturer: Ringly

Polarization: Horizontal

Power Source: DC 3.7V

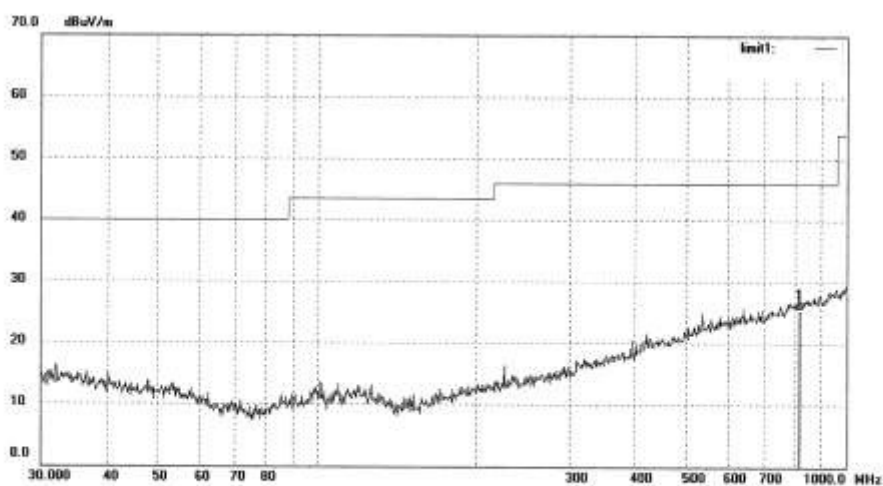
Date: 15/04/25/

Time:

Engineer Signature:

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	815.9678	25.25	0.27	25.52	46.00	-20.48	QP			

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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

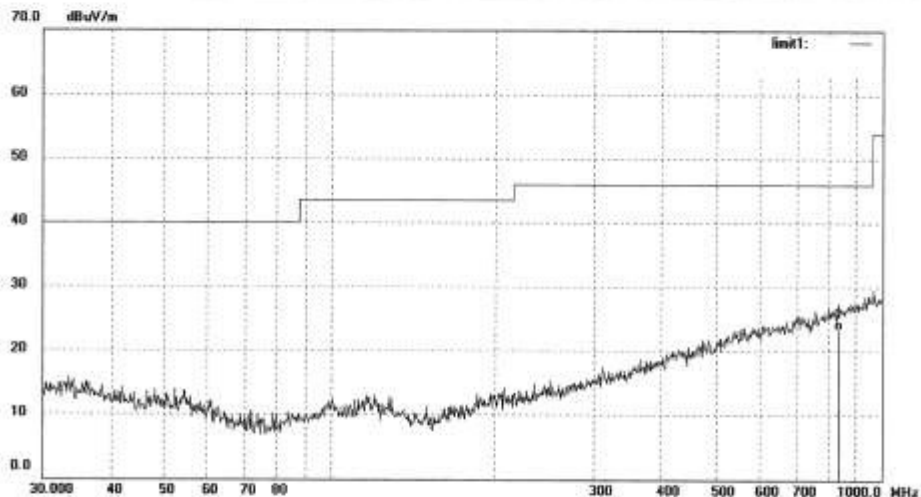
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2015 #1046  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: TX 2402MHz  
Model: Ringly  
Manufacturer: Ringly

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	836.2441	22.70	0.62	23.32	46.00	-22.68	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.: LAN2015 #1048

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Ring

Mode: TX 2440MHz

Model: Ringly

Manufacturer: Ringly

Polarization: Vertical

Power Source: DC 3.7V

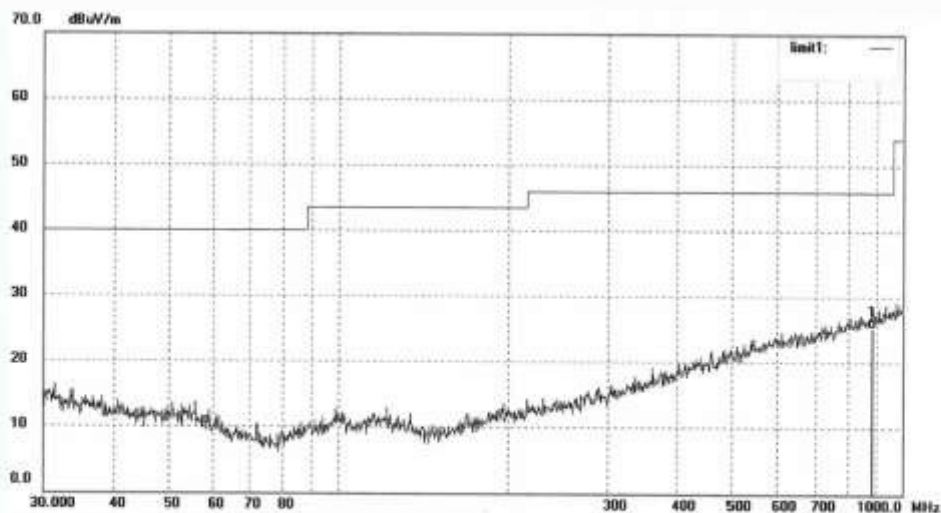
Date: 15/04/25/

Time:

Engineer Signature:

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	884.5028	24.17	1.20	25.37	46.00	-20.63	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

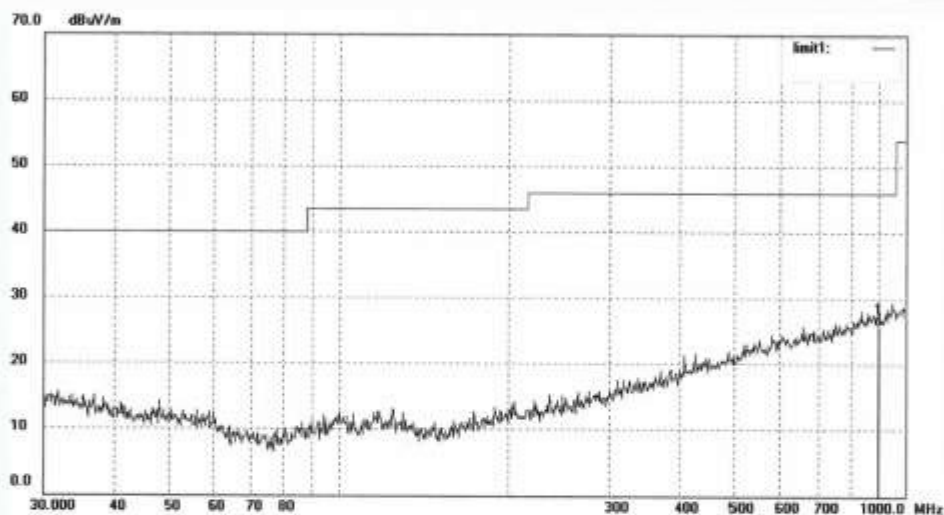
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2015 #1049  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: TX 2440MHz  
Model: Ringly  
Manufacturer: Ringly

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	896.9964	24.47	1.27	25.74	46.00	-20.26	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

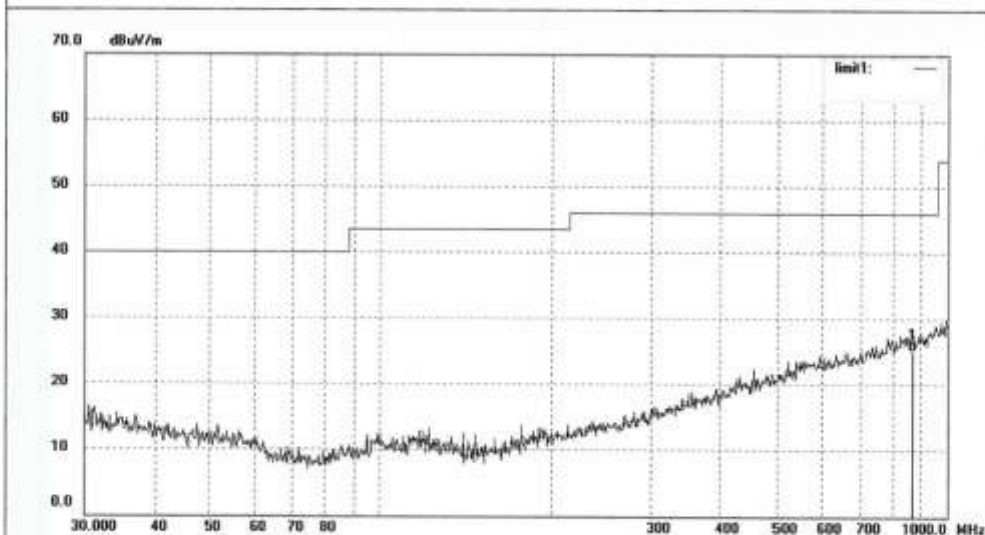
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2015 #1050  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: TX 2480MHz  
Model: Ringly  
Manufacturer: Ringly

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	866.0878	24.13	1.03	25.16	46.00	-20.84	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.: LAN2015 #1051

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Ring

Mode: TX 2480MHz

Model: Ringly

Manufacturer: Ringly

Polarization: Vertical

Power Source: DC 3.7V

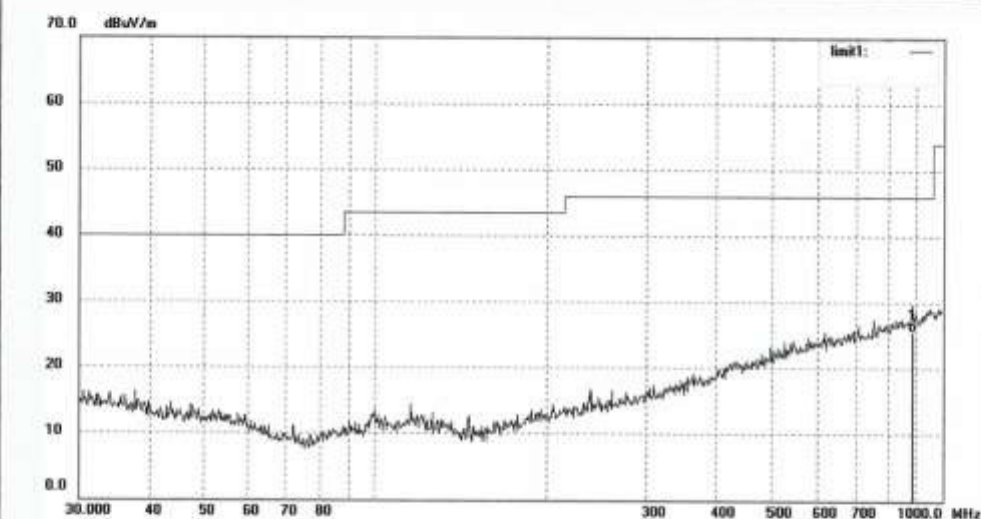
Date: 15/04/25/

Time:

Engineer Signature:

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	884.5028	24.50	1.20	25.70	46.00	-20.30	QP			

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**1G-25GHz (FCC)**



**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.: LAN2015 #989

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Ring

Mode: TX 2402MHz

Model: Ringly

Manufacturer: Ringly

Polarization: Vertical

Power Source: DC 3.7V

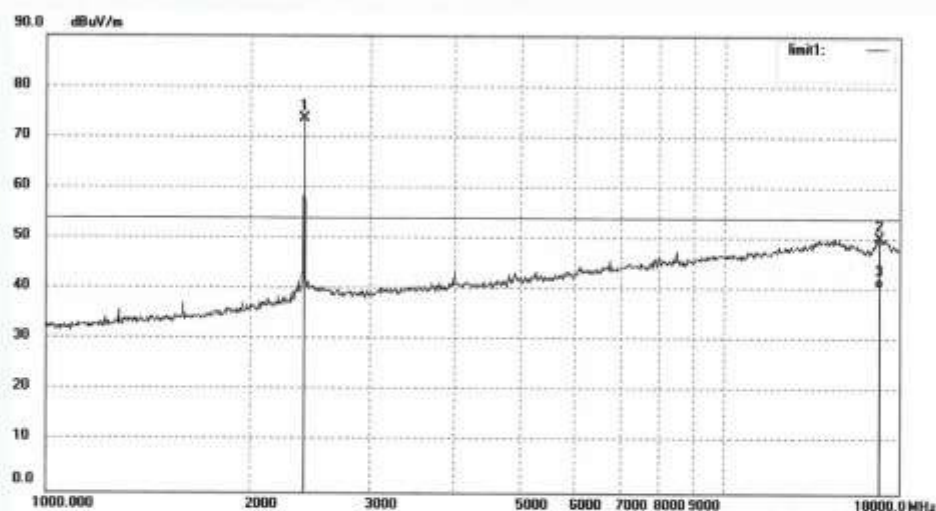
Date: 15/04/25/

Time:

Engineer Signature:

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	2402.000	81.14	-7.45	73.69	/	/	peak			
2	16793.683	9.13	41.12	50.25	74.00	-23.75	peak			
3	16793.683	-0.42	41.12	40.70	54.00	-13.30	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

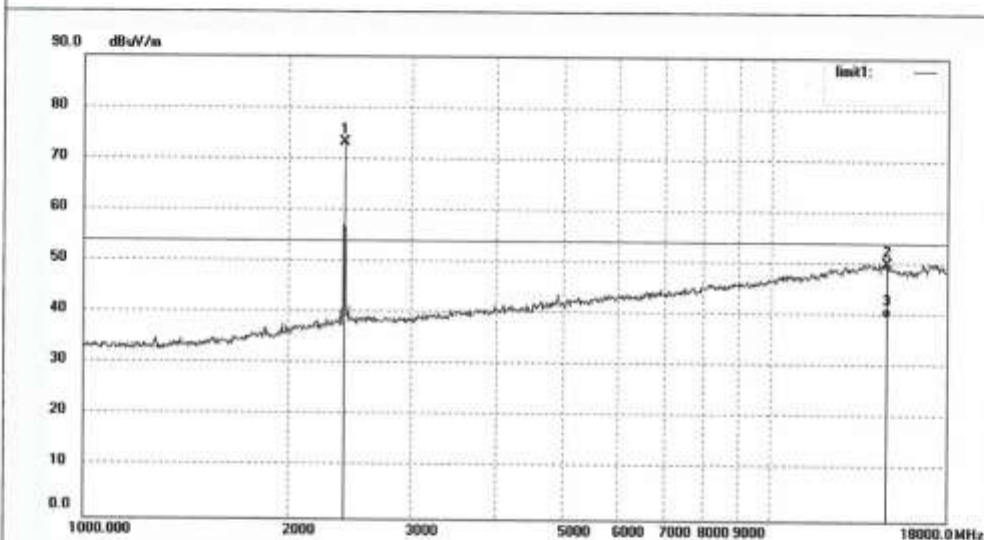
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2015 #990  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: TX 2402MHz  
Model: Ringly  
Manufacturer: Ringly

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	2402.000	80.73	-7.45	73.28	/	/	peak			
2	14702.914	8.17	41.99	50.16	74.00	-23.84	peak			
3	14702.914	-2.31	41.99	39.68	54.00	-14.32	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

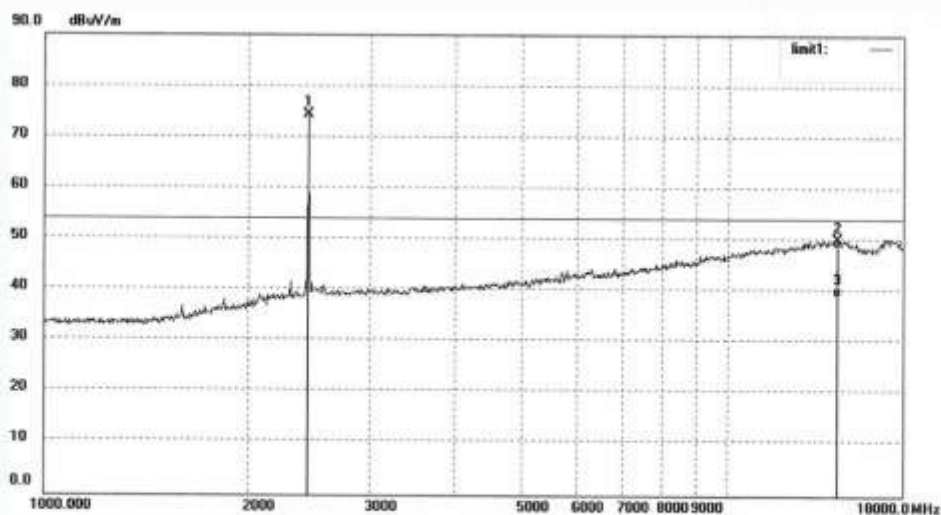
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2015 #993  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: TX 2440MHz  
Model: Ringly  
Manufacturer: Ringly

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	2440.000	81.75	-7.36	74.39	/	/	peak			
2	14408.425	7.84	42.20	50.04	74.00	-23.96	peak			
3	14408.425	-3.25	42.20	38.95	54.00	-15.05	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.: LAN2015 #994

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Ring

Mode: TX 2440MHz

Model: Ringly

Manufacturer: Ringly

Polarization: Horizontal

Power Source: DC 3.7V

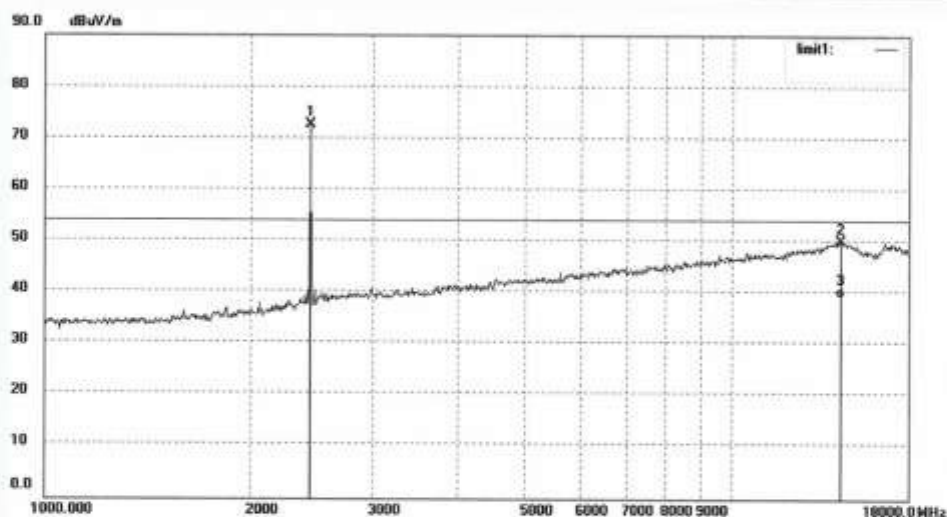
Date: 15/04/25/

Time:

Engineer Signature:

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	2440.000	79.92	-7.36	72.56	/	/	peak			
2	14325.374	8.20	41.83	50.03	74.00	-23.97	peak			
3	14325.374	-2.57	41.83	39.26	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

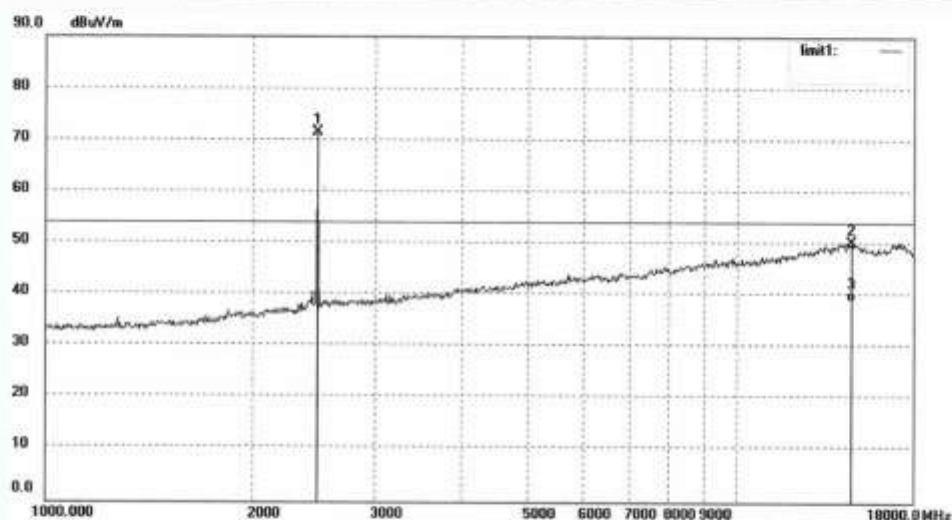
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2015 #995  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: TX 2480MHz  
Model: Ringly  
Manufacturer: Ringly

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	78.84	-7.37	71.47	/	/	peak			
2	14660.479	8.09	42.12	50.21	74.00	-23.79	peak			
3	14660.479	-3.02	42.12	39.10	54.00	-14.90	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

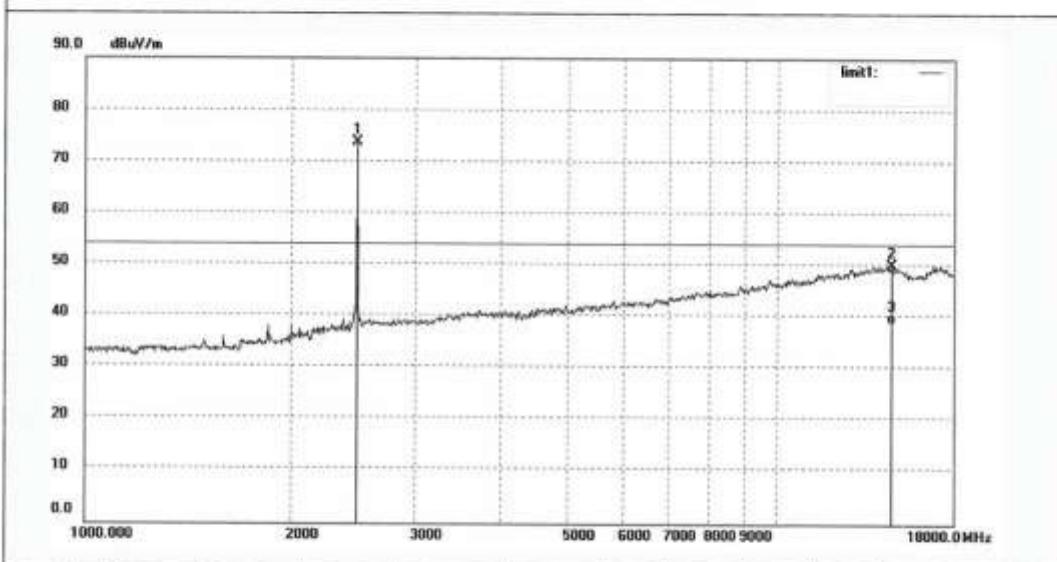
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2015 #996	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 15/04/25/
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Ring	Engineer Signature:
Mode: TX 2480MHz	Distance: 3m
Model: Ringly	
Manufacturer: Ringly	

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	81.02	-7.37	73.65	/	/	peak			
2	14618.166	7.70	42.25	49.95	74.00	-24.05	peak			
3	14618.166	-3.50	42.25	38.75	54.00	-15.25	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.: LAN2015 #1021

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Ring

Mode: TX 2402MHz

Model: Ringly

Manufacturer: Ringly

Polarization: Vertical

Power Source: DC 3.7V

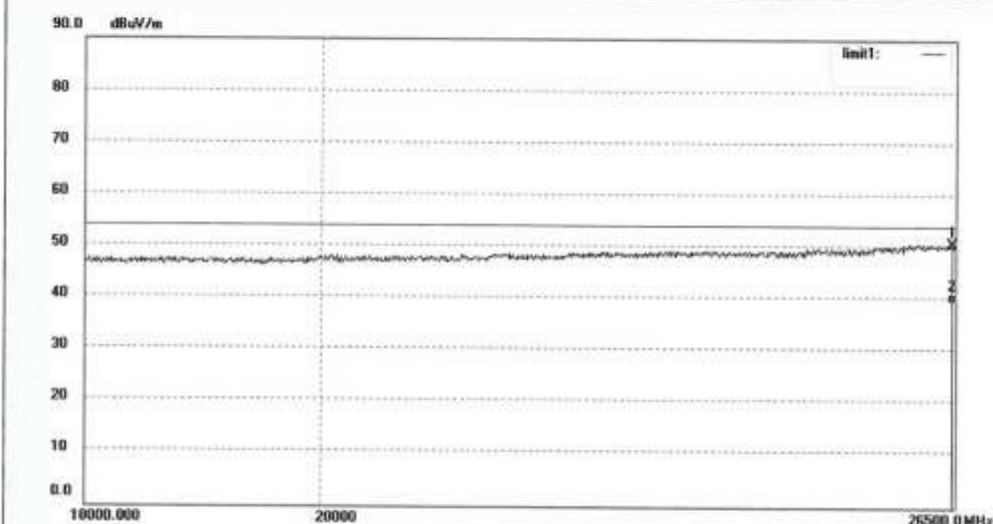
Date: 15/04/25/

Time:

Engineer Signature:

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	26469.269	33.85	16.92	50.77	54.00	-3.23	peak			
2	26469.269	22.54	16.92	39.46	54.00	-14.54	AVG			

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Test Report No.

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

Site: 2# Chamber

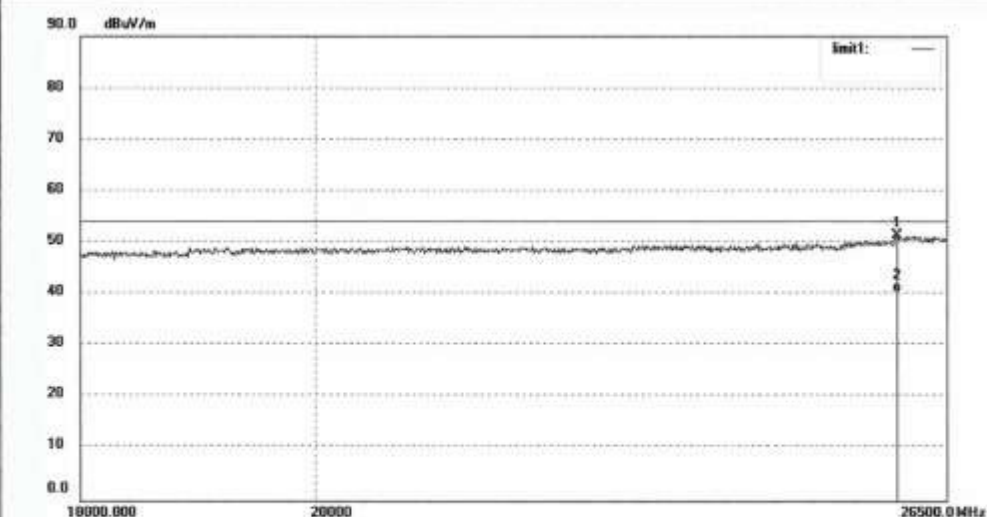
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2015 #1022  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: TX 2402MHz  
Model: Ringly  
Manufacturer: Ringly

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	25922.172	34.05	17.29	51.34	74.00	-22.66	peak			
2	25922.172	23.04	17.29	40.33	54.00	-13.67	AVG			

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

Site: 2# Chamber

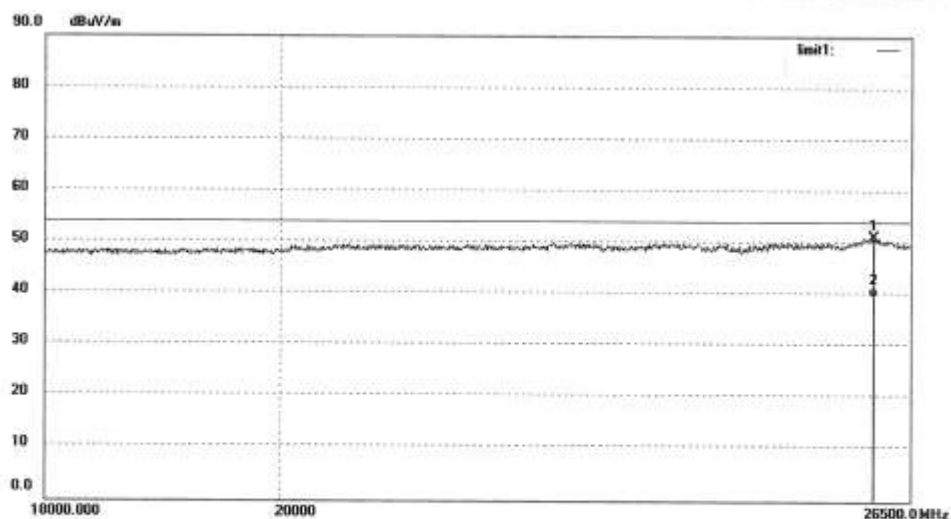
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2015 #1023  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: TX 2440MHz  
Model: Ringly  
Manufacturer: Ringly

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	26072.999	33.90	17.18	51.08	74.00	-22.92	peak			
2	26072.999	22.47	17.18	39.65	54.00	-14.35	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.: LAN2015 #1024

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Ring

Mode: TX 2440MHz

Model: Ringly

Manufacturer: Ringly

Polarization: Vertical

Power Source: DC 3.7V

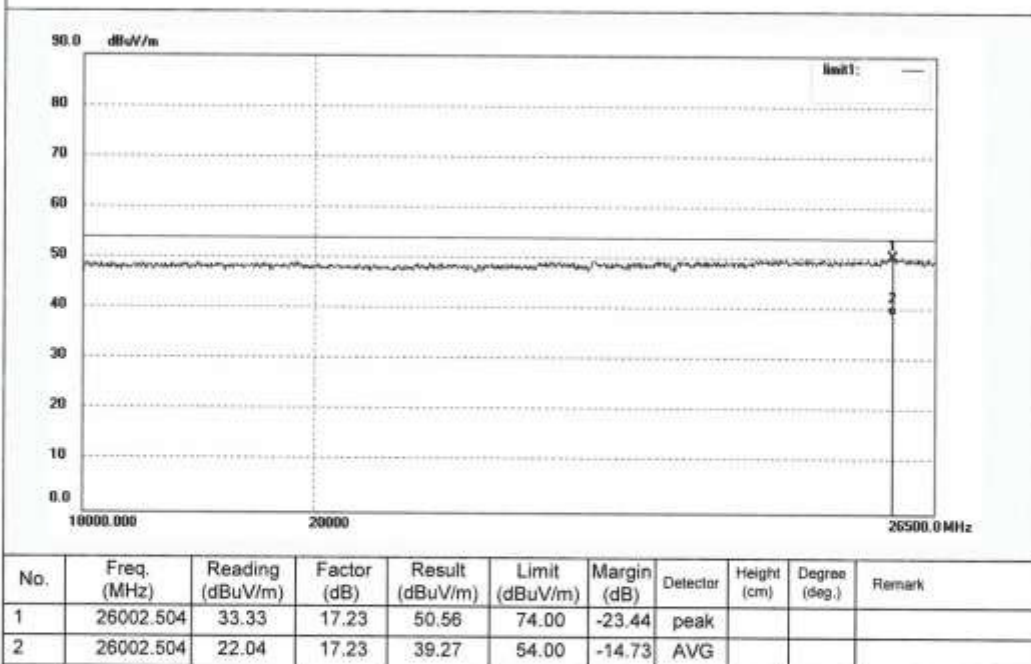
Date: 15/04/25/

Time:

Engineer Signature:

Distance: 3m

Note:





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

Site: 2# Chamber

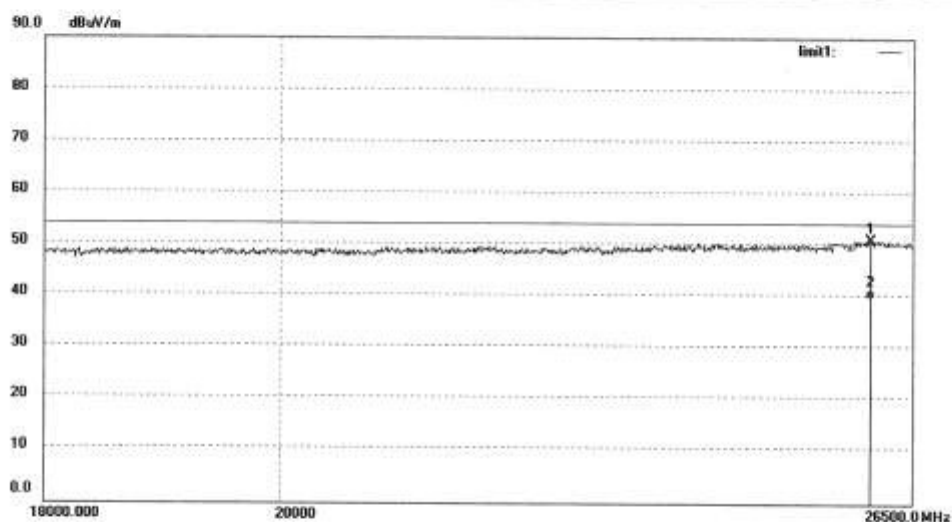
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2015 #1025  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: TX 2480MHz  
Model: Ringly  
Manufacturer: Ringly

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26012.563	33.67	17.22	50.89	74.00	-23.11	peak			
2	26012.563	22.53	17.22	39.75	54.00	-14.25	AVG			

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2015 #1026

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Ring

Mode: TX 2480MHz

Model: Ringly

Manufacturer: Ringly

Polarization: Horizontal

Power Source: DC 3.7V

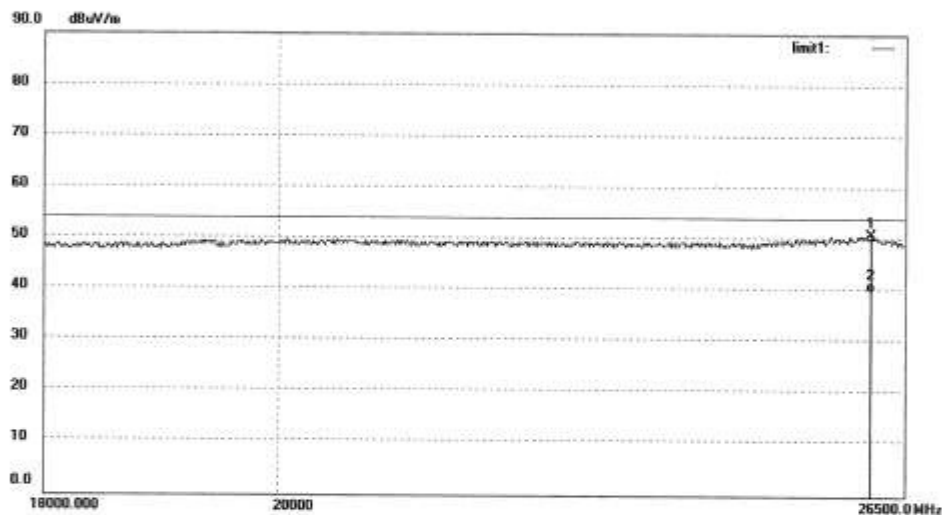
Date: 15/04/25/

Time:

Engineer Signature:

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	26103.270	33.71	17.16	50.87	74.00	-23.13	peak			
2	26103.270	22.75	17.16	39.91	54.00	-14.09	AVG			



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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

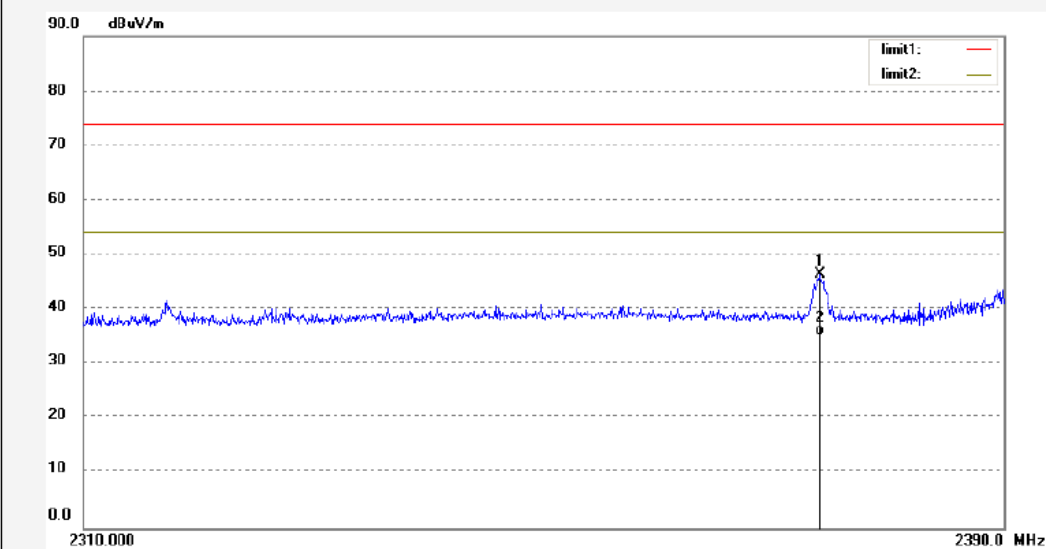
Tel:+86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2015 #991  
Standard: FCC (Band Edge)  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: TX 2402MHz  
Model: Ringly  
Manufacturer: Ringly

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	2373.840	54.08	-7.63	46.45	74.00	-27.55	peak			
2	2373.840	42.79	-7.63	35.16	54.00	-18.84	AVG			

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**ACCURATE TECHNOLOGY CO., LTD.**

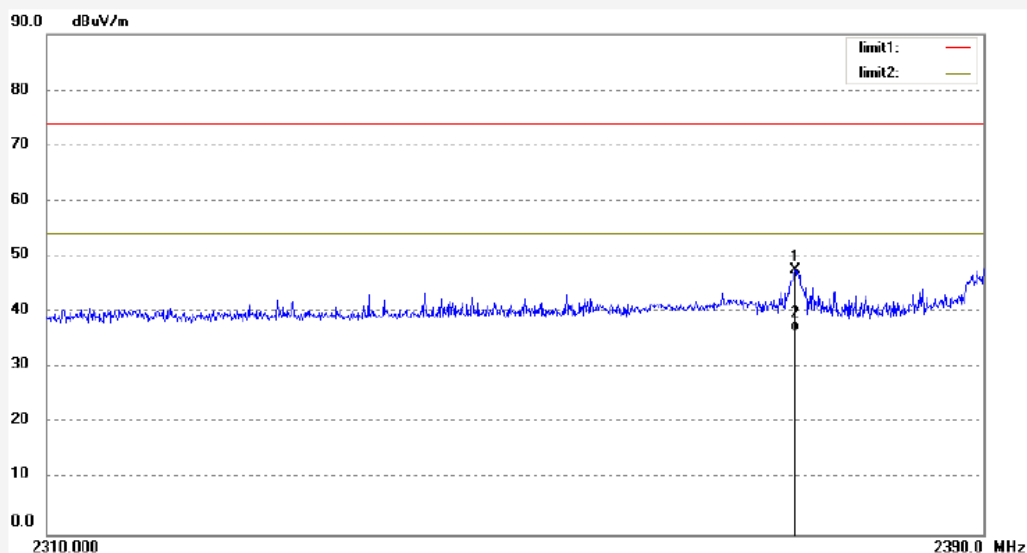
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LAN2015 #992  
Standard: FCC (Band Edge)  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: TX 2402MHz  
Model: Ringly  
Manufacturer: Ringly

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	2373.760	55.16	-7.63	47.53	74.00	-26.47	peak			
2	2373.760	44.22	-7.63	36.59	54.00	-17.41	AVG			

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Test Report No.

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

Site: 2# Chamber

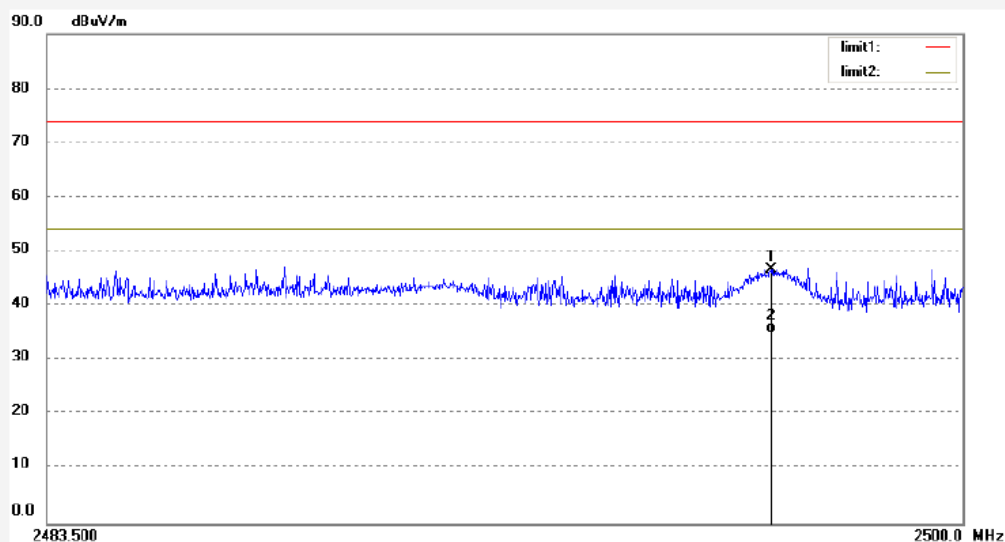
Tel:+86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2015 #997  
Standard: FCC (Band Edge)  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: TX 2480MHz  
Model: Ringly  
Manufacturer: Ringly

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	2496.552	54.20	-7.40	46.80	74.00	-27.20	peak			
2	2496.552	42.37	-7.40	34.97	54.00	-19.03	AVG			

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

Site: 2# Chamber

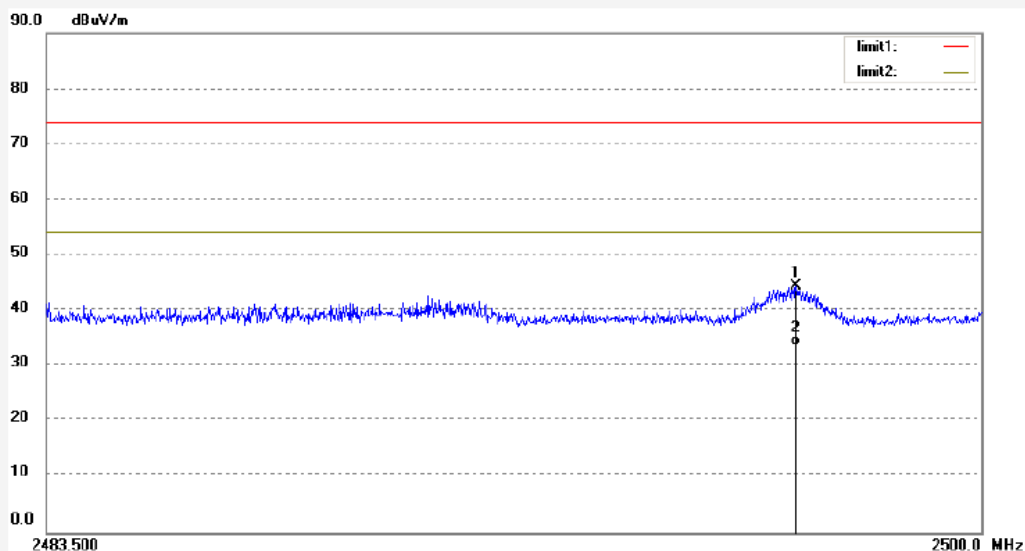
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2015 #998  
Standard: FCC (Band Edge)  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: TX 2480MHz  
Model: Ringly  
Manufacturer: Ringly

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	2496.733	51.76	-7.40	44.36	74.00	-29.64	peak			
2	2496.733	40.95	-7.40	33.55	54.00	-20.45	AVG			

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## 5.1.7 Conducted Emissions

### RESULT:

**Pass**

Test standard	:	FCC Part 15.107(a) FCC Part 15.207(a) ICES-003 Issue 5 February 2012 clause 6.1 RSS-Gen issue 4 November 2014 clause 8.8
Basic standard	:	ANSI C63.10: 2009
Limit	:	FCC Part 15.107 (a) & 15.207(a) ICES-003 Issue 5 February 2012 clause 6.1 RSS-Gen issue 4 November 2014 clause 8.8
Kind of test site	:	Shield room

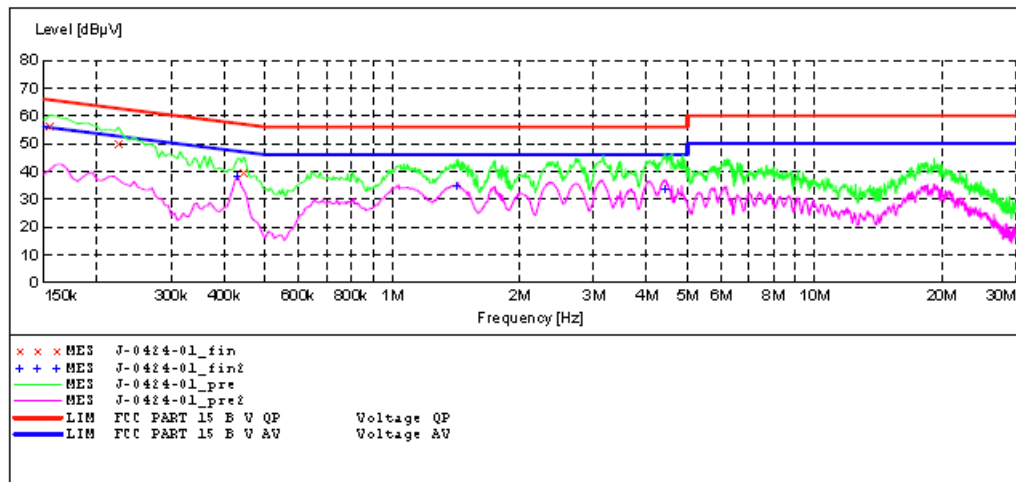
### Test setup

Operation mode	:	A+B+C
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101 kPa

For detail refer to the following test plots.

## Test Plots of Conducted Emission

Live line



### MEASUREMENT RESULT: "J-0424-01\_fin"

4/24/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.155000	56.40	10.5	66	9.3	QP	N	GND
0.225000	50.00	10.6	63	12.6	QP	N	GND
0.445000	39.90	10.7	57	17.1	QP	N	GND

### MEASUREMENT RESULT: "J-0424-01\_fin2"

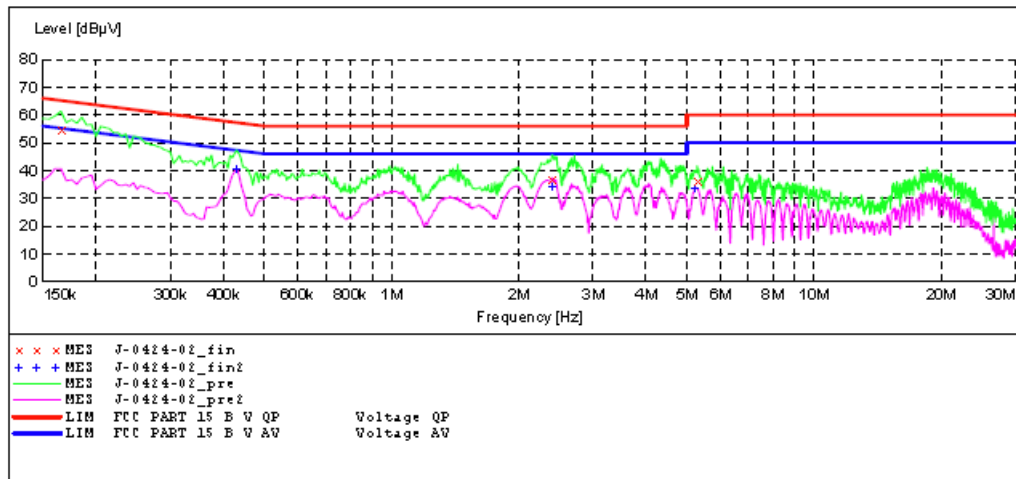
4/24/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.430000	38.10	10.7	47	9.2	AV	N	GND
1.420000	34.70	10.9	46	11.3	AV	N	GND
4.440000	33.50	11.1	46	12.5	AV	N	GND

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Neutral line



**MEASUREMENT RESULT: "J-0424-02\_fin"**

4/24/2015

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.165000	54.70	10.5	65	10.5	QP	L1	GND
2.400000	37.10	11.0	56	18.9	QP	L1	GND
5.290000	36.50	11.2	60	23.5	QP	L1	GND

**MEASUREMENT RESULT: "J-0424-02\_fin2"**

4/24/2015

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.430000	40.40	10.7	47	6.9	AV	L1	GND
2.400000	34.10	11.0	46	11.9	AV	L1	GND
5.260000	33.60	11.2	50	16.4	AV	L1	GND

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## 5.1.8 Radiated Emissions

### RESULT:

**Pass**

Date of testing	:	2014-10-15
Test standard	:	FCC Part 15.109(a) ICES-003 Issue 5 February 2012
Basic standard	:	ANSI C63.10: 2009
Limit	:	FCC Part 15.109 (a) ICES-003 Issue 5 February 2012
Kind of test site	:	Shield room

### Test setup

Operation mode	:	B+C
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101 kPa

For detail refer to the following test plots.



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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.: LAN2015 #883

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Ring

Mode: Charging

Model: Ringly

Manufacturer: Ringly

Polarization: Horizontal

Power Source: DC 5V

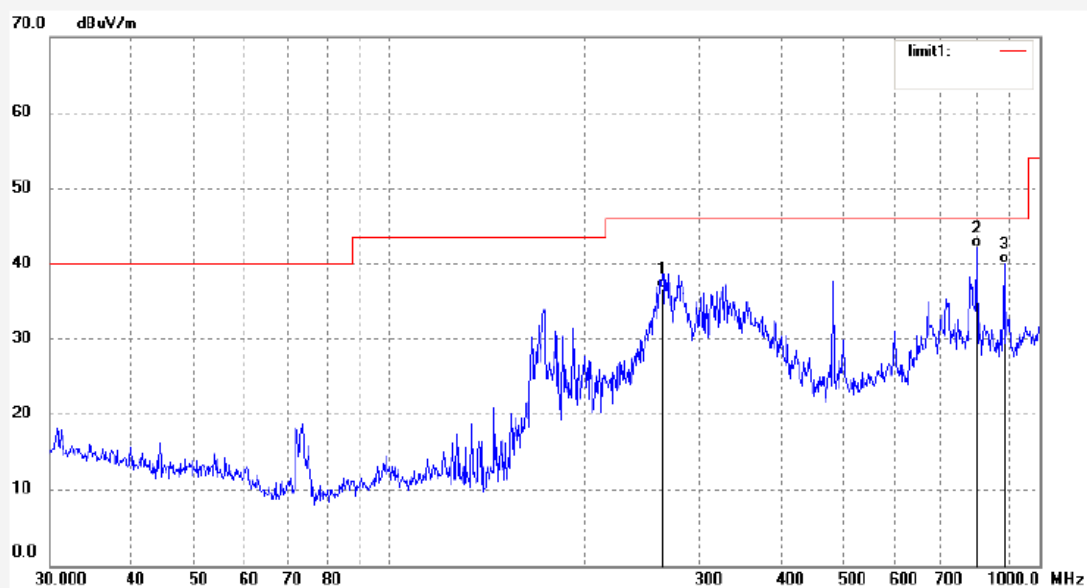
Date: 15/04/25/

Time:

Engineer Signature:

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	262.8955	47.16	-10.55	36.61	46.00	-9.39	QP			
2	798.9796	42.14	0.02	42.16	46.00	-3.84	QP			
3	881.4067	38.80	1.16	39.96	46.00	-6.04	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

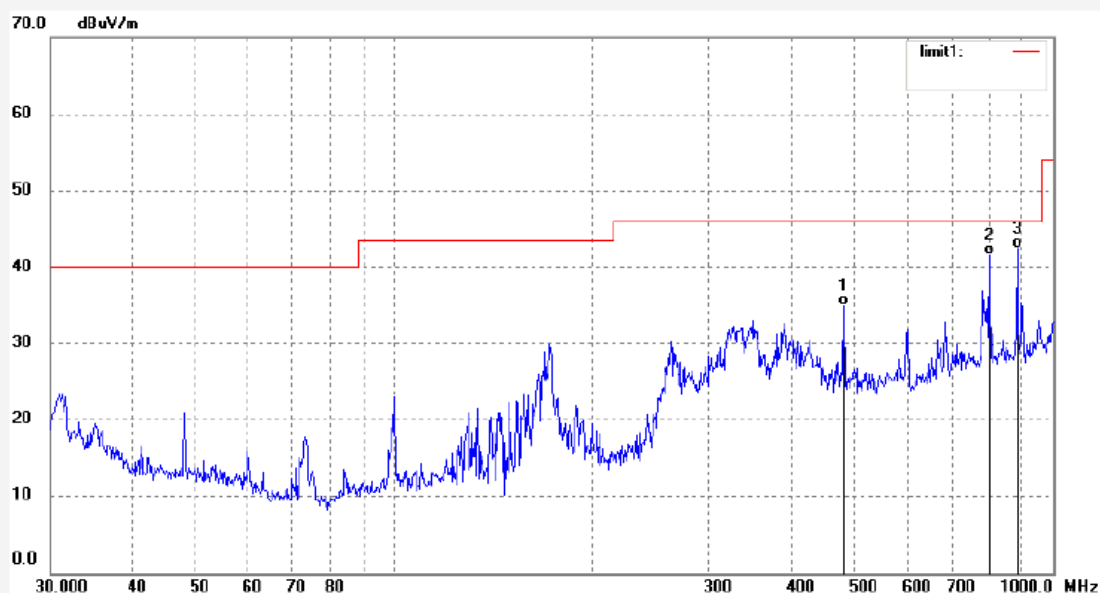
Tel:+86-0755-26503290

Fax:+86-0755-26503398

Job No.: LAN2015 #984  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: Charging  
Model: Ringly  
Manufacturer: Ringly

Polarization: Vertical  
Power Source: DC 5V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	480.5276	40.31	-5.34	34.97	48.00	-11.03	QP			
2	798.9796	41.48	0.02	41.50	48.00	-4.50	QP			
3	881.4067	41.29	1.16	42.45	48.00	-3.55	QP			

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Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

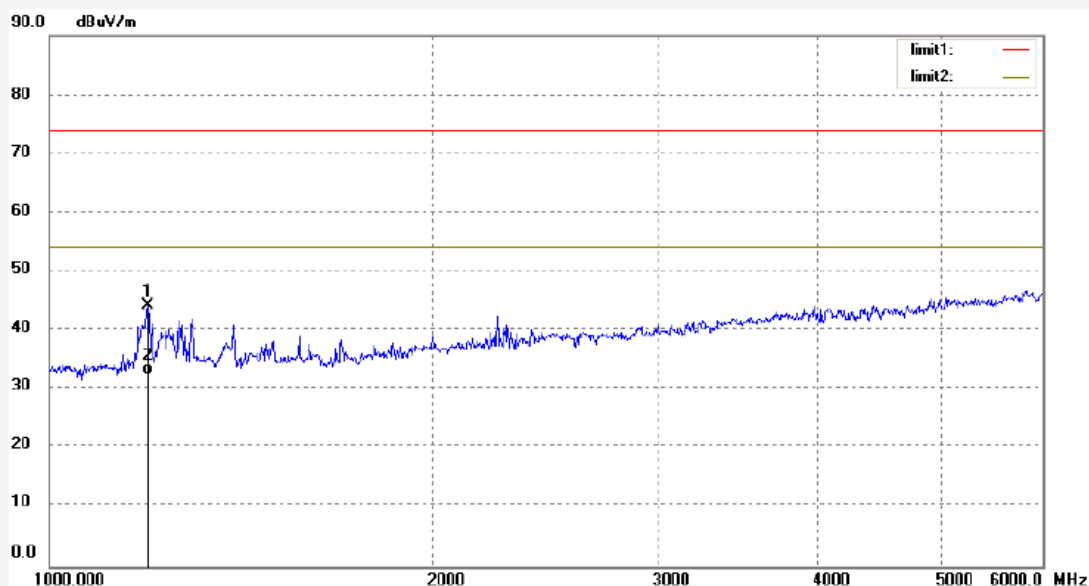
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2015 #885  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Ring  
Mode: Charging  
Model: Ringly  
Manufacturer: Ringly

Polarization: Horizontal  
Power Source: DC 5V  
Date: 15/04/25/  
Time:  
Engineer Signature:  
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	1194.090	56.65	-12.50	44.15	74.00	-29.85	peak			
2	1194.090	45.08	-12.50	32.58	54.00	-21.42	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.: LAN2015 #986

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Ring

Mode: Charging

Model: Ringly

Manufacturer: Ringly

Polarization: Vertical

Power Source: DC 5V

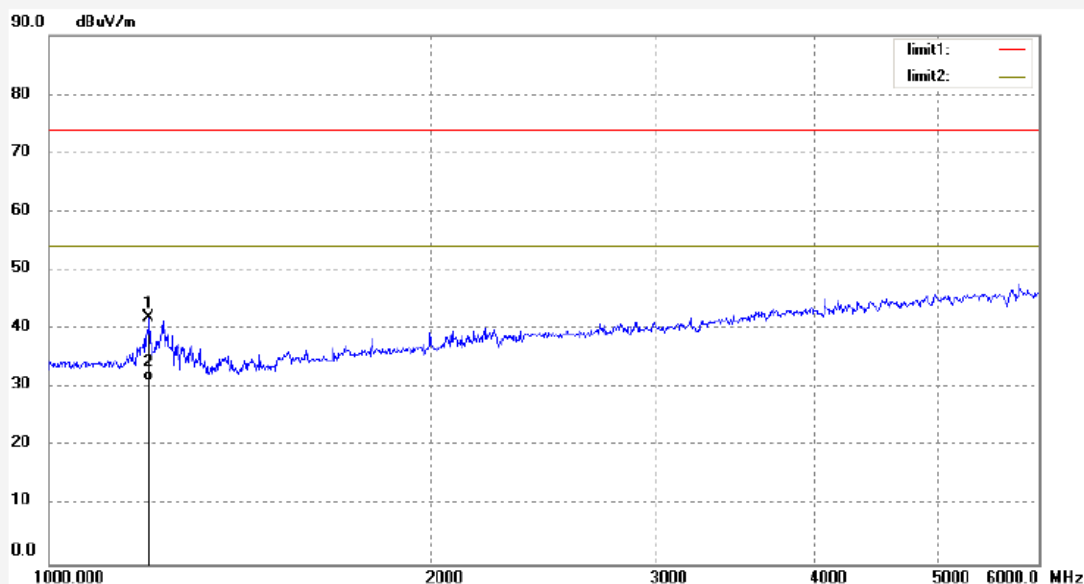
Date: 15/04/25/

Time:

Engineer Signature:

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	1198.377	54.45	-12.49	41.96	74.00	-32.04	peak			
2	1198.377	43.74	-12.49	31.25	54.00	-22.75	AVG			

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Test Report No.

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## 6. Safety Human Exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

**RESULT:**

**Pass**

Test standard : FCC KDB Publication 447498

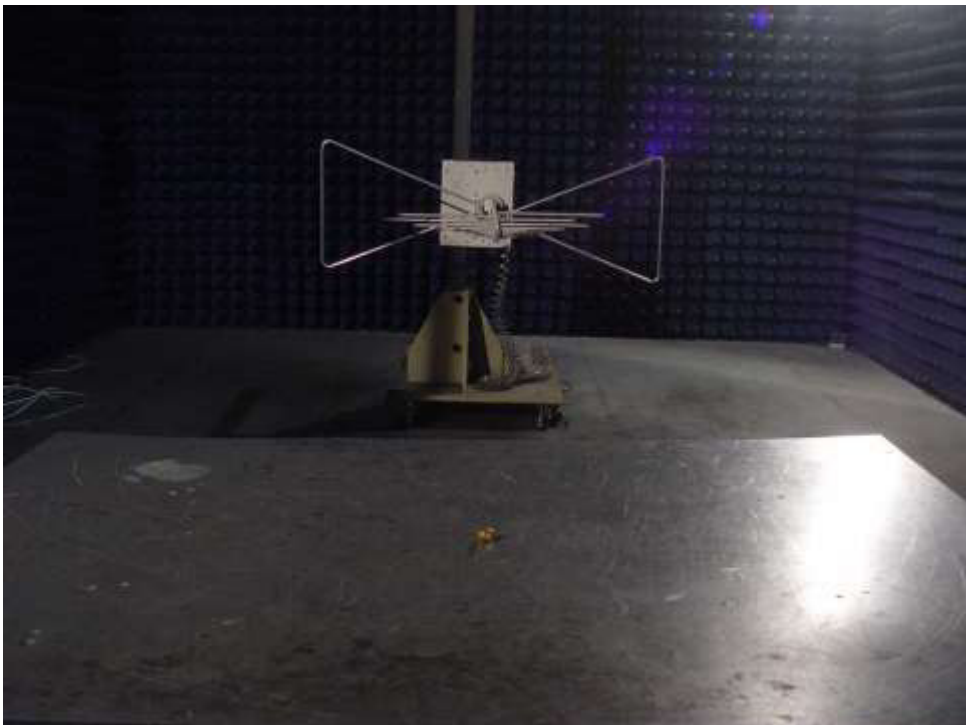
The minimum distance for the EUT is 5mm, since measured maximum peak output power of the transmitter is 0.028mW, which is far below the SAR exclusion threshold level 10 mW (Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and  $\leq 50$  mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile and Portable RF Exposure. Guidance v05.

## 7. Photographs of the Test Set-Up

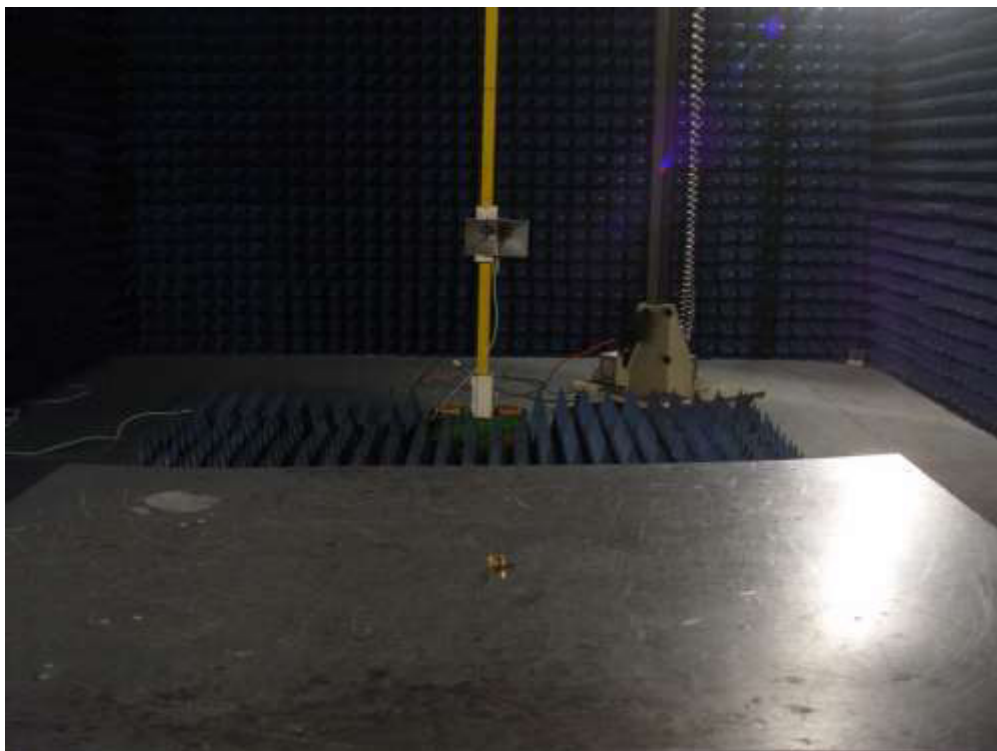
**Photograph 1: Set-up for Radiated Spurious Emissions, 9KHz-30MHz**



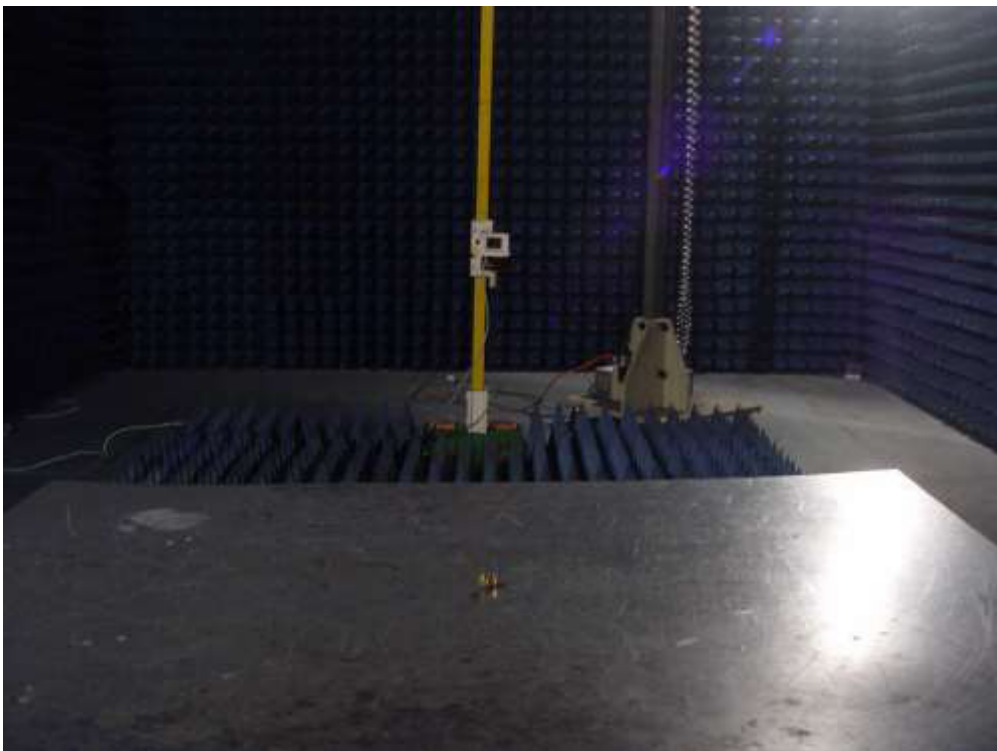
**Photograph 2: Set-up for Radiated Spurious Emissions, 30MHz-1GHz**



**Photograph 3: Set-up for Radiated Spurious Emissions, 1GHz-18GHz**



**Photograph 4: Set-up for Radiated Spurious Emissions, 18GHz-25GHz**

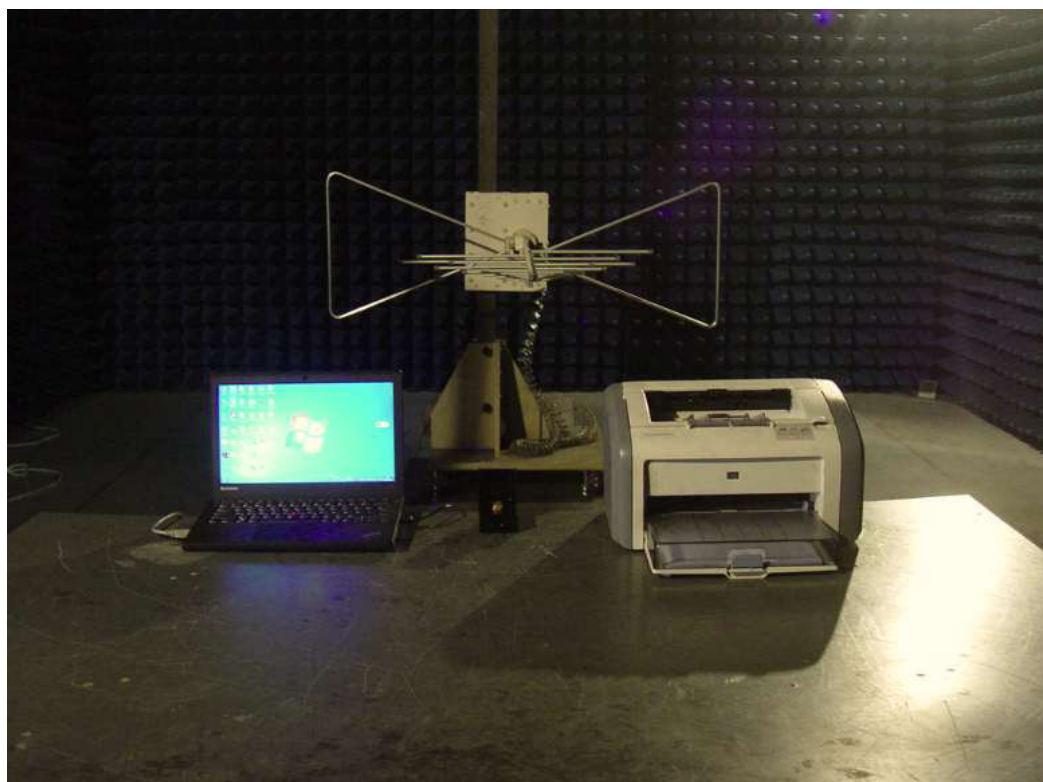




**Photograph 5: Set-up for Conducted Emission**



**Photograph 6: Set-up for Radiated Emission**





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