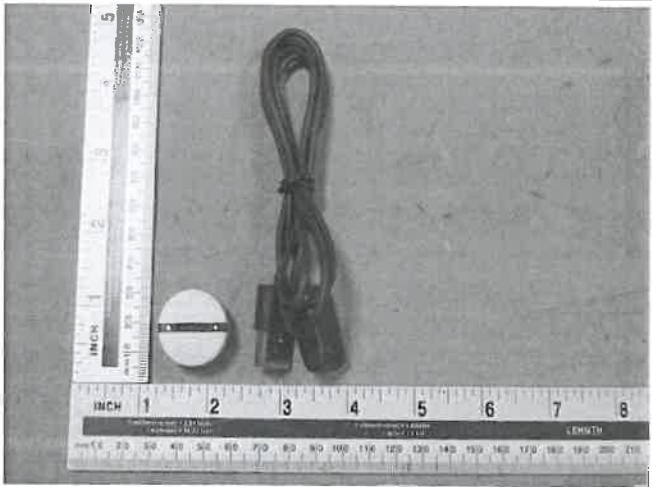




<b>Prüfbericht-Nr.:</b> <i>Test Report No.:</i>	<b>17050999 002</b>	<b>Auftrags-Nr.:</b> <i>Order No.:</i>	<b>164038466</b>	<b>Seite 1 von 29</b> <i>Page 1 of 29</i>
<b>Kunden-Referenz-Nr.:</b> <i>Client Reference No.:</i>	<b>N/A</b>	<b>Auftragsdatum:</b> <i>Order date:</i>	<b>23.06.2015</b>	
<b>Auftraggeber:</b> <i>Client:</i>	<b>ZEPP Labs, Inc.</b> 20 South Santa Cruz Ave Suite 102, Los Gatos, CA 95030, US			
<b>Prüfgegenstand:</b> <i>Test item:</i>	<b>ZEPP II 3D MOTION SENSOR</b>			
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type No.:</i>	<b>ZA2</b>			
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	<b>FCC Certification and Verification</b>			
<b>Prüfgrundlage:</b> <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 CFR47 FCC Part 15: Subpart C Section 15.107 CFR47 FCC Part 15: Subpart C Section 15.109 FCC KDB publication 447498 D01 v05r02			
<b>Wareneingangsdatum:</b> <i>Date of receipt:</i>	<b>23.06.2015</b>			
<b>Prüfmuster-Nr.:</b> <i>Test sample No.:</i>	<b>A000215888-001/002</b>			
<b>Prüfzeitraum:</b> <i>Testing period:</i>	<b>23.06.2015 - 31.07.2015</b>			
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	<b>Accurate Technology Co., Ltd.</b>			
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	<b>TÜV Rheinland (Shenzhen) Co., Ltd.</b>			
<b>Prüfergebnis*:</b> <i>Test result*:</i>	<b>Pass</b>			
<b>geprüft von / tested by:</b> 		<b>kontrolliert von / reviewed by:</b> 		
<b>01.09.2015</b> <i>Datum</i> <i>Date</i>	<b>Lin Lin / Project Manager</b> <i>Name / Stellung</i> <i>Name / Position</i>	<b>Unterschrift</b> <i>Signature</i>	<b>01.09.2015</b> <i>Datum</i> <i>Date</i>	<b>Sam Lin / Technical Certifier</b> <i>Name / Stellung</i> <i>Name / Position</i>
			<b>Unterschrift</b> <i>Signature</i>	
<b>Sonstiges / Other:</b> <b>FCC ID: 2AE6VZA2</b>				
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>		<b>Prüfmuster vollständig und unbeschädigt</b> <i>Test item complete and undamaged</i>		
<p>* 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</p> <p>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</p>				
<p><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>  <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></p>				

## TEST SUMMARY

### **5.1.1 ANTENNA REQUIREMENT**

RESULT: *Passed*

### **5.1.2 PEAK OUTPUT POWER**

RESULT: *Passed*

### **5.1.3 CONDUCTED POWER SPECTRAL DENSITY**

RESULT: *Passed*

### **5.1.4 -6dB BANDWIDTH**

RESULT: *Passed*

### **5.1.5 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHZ BANDWIDTH**

RESULT: *Passed*

### **5.1.6 SPURIOUS EMISSION**

RESULT: *Passed*

### **5.1.7 CONDUCTED EMISSIONS**

RESULT: *Passed*

### **5.1.8 RADIATED EMISSION**

RESULT: *Passed*

### **5.1.9 CONDUCTED EMISSIONS**

RESULT: *Passed*

### **6.1.1 ELECTROMAGNETIC FIELDS**

RESULT: *Pass*

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## **1. General Remarks**

### **1.1 Complementary Materials**

All attachments are integral parts of this test report. This applies especially to the following appendix:  
Appendix 1

## **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

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
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	2016-01-10
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	2016-01-10
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2016-01-10
RF Coaxial Cable	SUHNER	N-3m	No.8	2016-01-10
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	2016-01-10
RF Coaxial Cable	SUHNER	N-6m	No.10	2016-01-10
RF Coaxial Cable	RESENBERGER	N-12m	No.11	2016-01-10
RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	2016-01-10
<b>Radio Test Suite</b>				
Spectrum Analyzer	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
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2016-01-10
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	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

**Table 2: Measurement Uncertainty**

Parameter	Uncertainty
Radiated emission (below 30MHz)	< ± 3.08 dB
Radiated emission (30MHz-1GHz)	< ± 4.42 dB
Radiated emission (above 1GHz)	< ± 4.06 dB
Conducted Emission	< ± 2.23 dB

## 2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix1 of 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. test facility 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 approved to perform measurements.

### 3. General Product Information

#### 3.1 Product Function and Intended Use

The EUT is a sport tracking device with Bluetooth low energy technology.  
For details refer to the User Manual, Technical Description and Circuit Diagram.

#### 3.2 Ratings and System Details

**Table 3: Technical Specification of EUT**

Technical Specification	Value
Kind of Equipment	ZEPP II 3D MOTION SENSOR
Type Designation	ZA2
Operating Frequency band	2402 - 2480MHz
Channel separation	2MHz
Extreme Temperature Range	0°C to +40°C
Operation Voltage	DC3.7V via built-in lithium Battery
Modulation	GFSK
Bluetooth Core version	4.0, Single Mode
Antenna Gain	-1.47dBi

**Table 4: RF channel and frequency of Bluetooth low energy**

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	11	2424.00	22	2446.00	33	2468.00
1	2404.00	12	2426.00	23	2448.00	34	2470.00
2	2406.00	13	2428.00	24	2450.00	35	2472.00
3	2408.00	14	2430.00	25	2452.00	36	2474.00
4	2410.00	15	2432.00	26	2454.00	37	2476.00
5	2412.00	16	2434.00	27	2456.00	38	2478.00
6	2414.00	17	2436.00	28	2458.00	39	2480.00
7	2416.00	18	2438.00	29	2460.00		
8	2418.00	19	2440.00	30	2462.00		
9	2420.00	20	2442.00	31	2464.00		
10	2422.00	21	2444.00	32	2466.00		

### **3.3 Independent Operation Modes**

The basic operation modes are:

- A. On, Bluetooth Transmitting
  - 1. Low channel
  - 2. Middle channel
  - 3. High channel
- B. Charging
- C. Off

### **3.4 Noise Generating and Noise Suppressing Parts**

Refer to the Circuit Diagram.

### **3.5 Submitted Documents**

- |                         |                      |
|-------------------------|----------------------|
| - Bill of Material      | - Circuit Diagram    |
| - PCB Layout            | - Instruction Manual |
| - Photo Document        | - Rating Label       |
| - Technical Description |                      |



## 4. Test Set-up and Operation Modes

### 4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

### 4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2009.

### 4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	S/N
Notebook	Lenovo	ThinkPad X220	N/A
Printer	HP	HP laserjet 1015	CNFG030424

The EUT was tested with following cables:

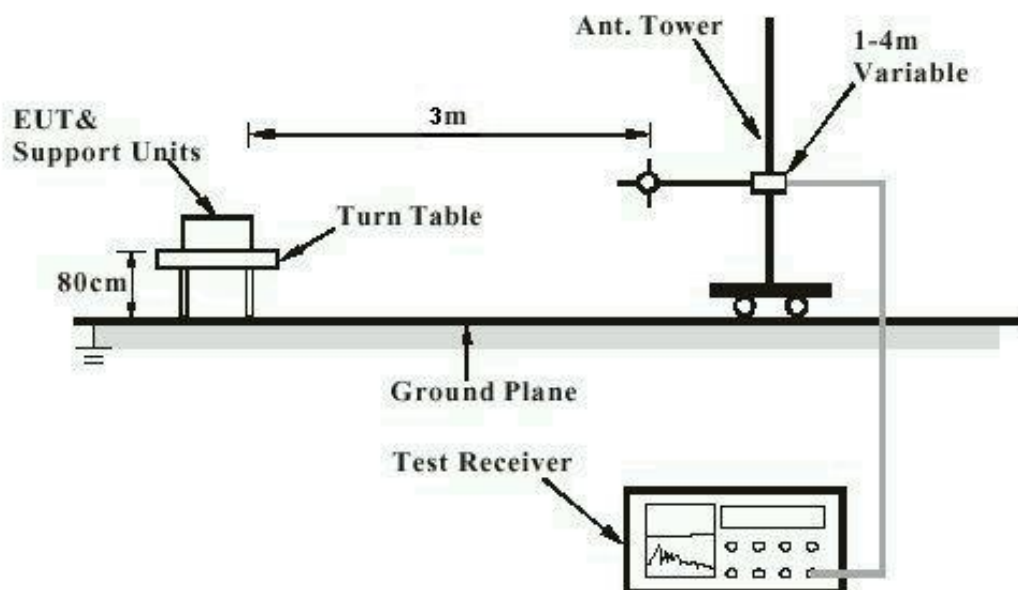
Interface(s)/Port(s):	Max. cable length, shielding	Cable classification
USB Cable	USB non-shielded cable, 64cm	DC Power Input

## 4.4 Countermeasures to Achieve EMC Compliance

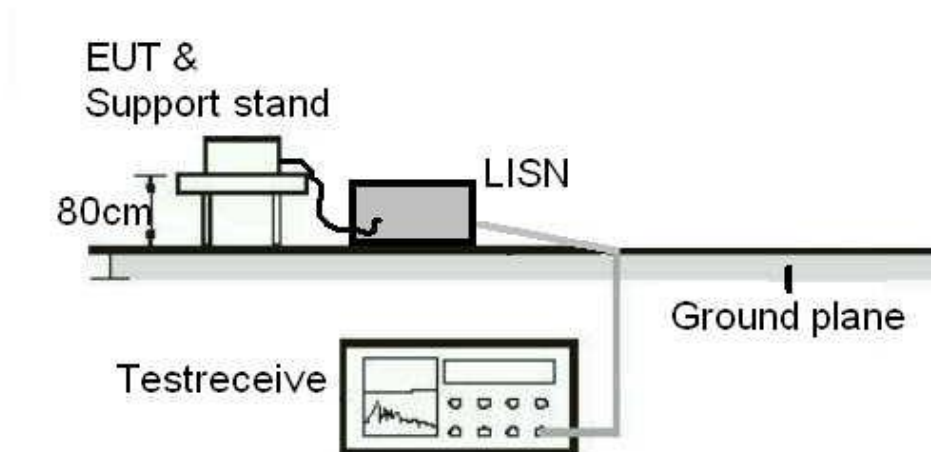
The test sample, which has been tested, contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

## 4.5 Test Setup Diagram

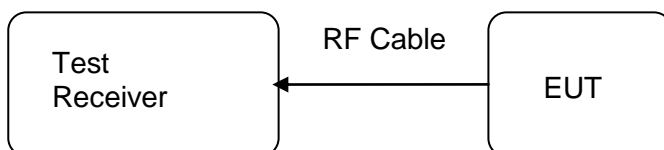
Diagram of Measurement Configuration for Radiation Test



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



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



## 5. Test Results

### 5.1 Transmitter Requirement & Test Suites

#### 5.1.1 Antenna Requirement

**RESULT:**

**Passed**

Test date	:	2015-07-01
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 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 photo for details.

## 5.1.2 Peak Output Power

### RESULT:

**Passed**

Test date : 2015-07-01  
Test standard : FCC Part 15.247(b)(3)  
Basic standard : ANSI C63.4: 2009  
Limit : 1 Watt  
Kind of test site : Shielded room

### Test setup

Test Channel : Low/ Middle/ High  
Operation Mode : A  
Ambient temperature : 25°C  
Relative humidity : 55%  
Atmospheric pressure : 101 kPa

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

Channel	Channel Frequency (MHz)	Peak Output Power		Limit (W)
		(dBm)	(W)	
Low Channel	2402	1.05	0.00127	1
Middle Channel	2440	1.24	0.00133	1
High Channel	2480	1.77	0.00150	1

### 5.1.3 Conducted Power Spectral Density

**RESULT:**

**Passed**

Test date : 2015-07-01  
Test standard : FCC Part 15.247(e)  
Basic standard : ANSI C63.4: 2009  
Limit : 8dBm/3kHz  
Kind of test site : Shielded room

**Test setup**

Test Channel : Low/ Middle/ High  
Operation Mode : A  
Ambient temperature : 25°C  
Relative humidity : 55%  
Atmospheric pressure : 101 kPa

**Table 6: Test result of Conducted Power Spectral Density**

Channel	Channel Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
Low Channel	2402	-16.40	8
Middle Channel	2440	-16.34	8
High Channel	2480	-16.25	8

### 5.1.4 -6dB Bandwidth

**RESULT:**

**Passed**

Date of testing : 2015-07-01  
Test standard : FCC Part 15.247(a)(2)  
Basic standard : ANSI C63.4: 2009  
Kind of test site : Shielded room

**Test setup**

Test Channel : Low/ Middle/ High  
Operation Mode : A  
Ambient temperature : 25°C  
Relative humidity : 55%  
Atmospheric pressure : 101 kPa

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

Channel	Channel Frequency (MHz)	-6dB Bandwidth (kHz)	Limit (kHz)	Result
Low Channel	2402	672.9	≥500	Pass
Mid Channel	2440	668.5	≥500	Pass
High Channel	2480	668.6	≥500	Pass

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

**RESULT:**

**Passed**

Date of testing	:	2015-07-01
Test standard	:	FCC part 15.247(d)
Basic standard	:	ANSI C63.4: 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	:	25°C
Relative humidity	:	55%
Atmospheric pressure	:	101 kPa

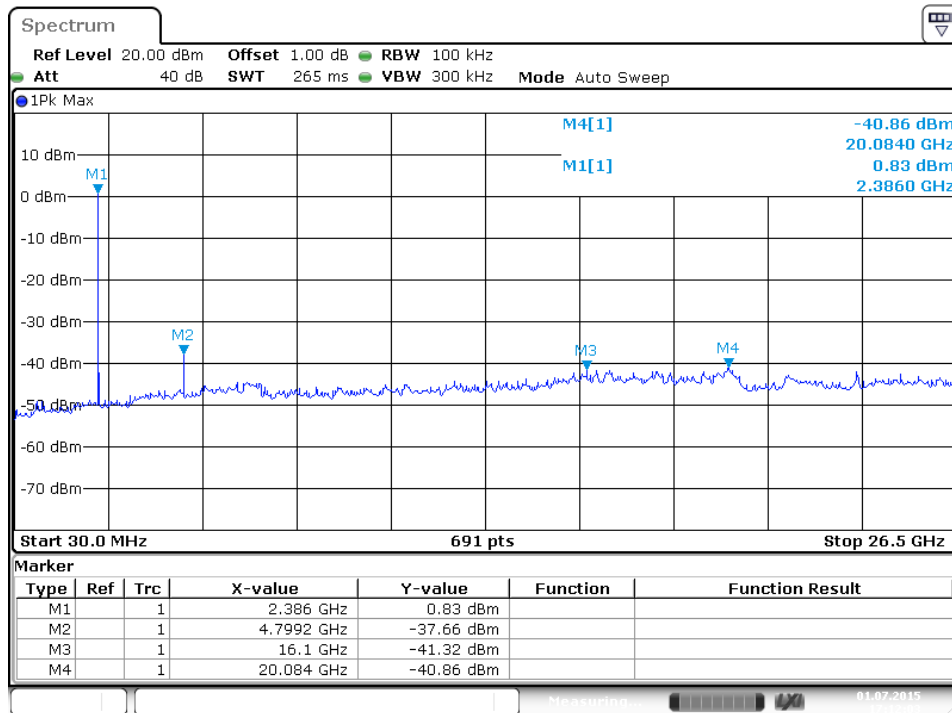
All emissions are more than 20dB below fundamental, details refer to following test plot, and compliance is achieved as well.



**Prüfbericht - Nr.: 17050999 002**  
Test Report No.

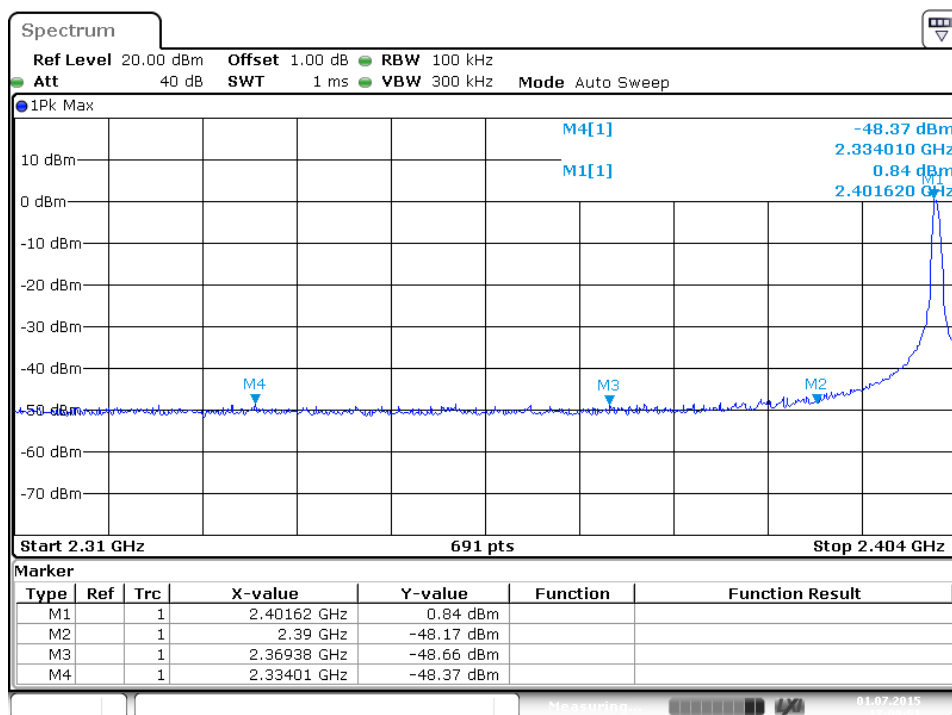
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## Test Plot of 100kHz Bandwidth of Frequency Band Low Channel



Date: 1.JUL.2015 17:12:03

## Low Channel, Band Edge

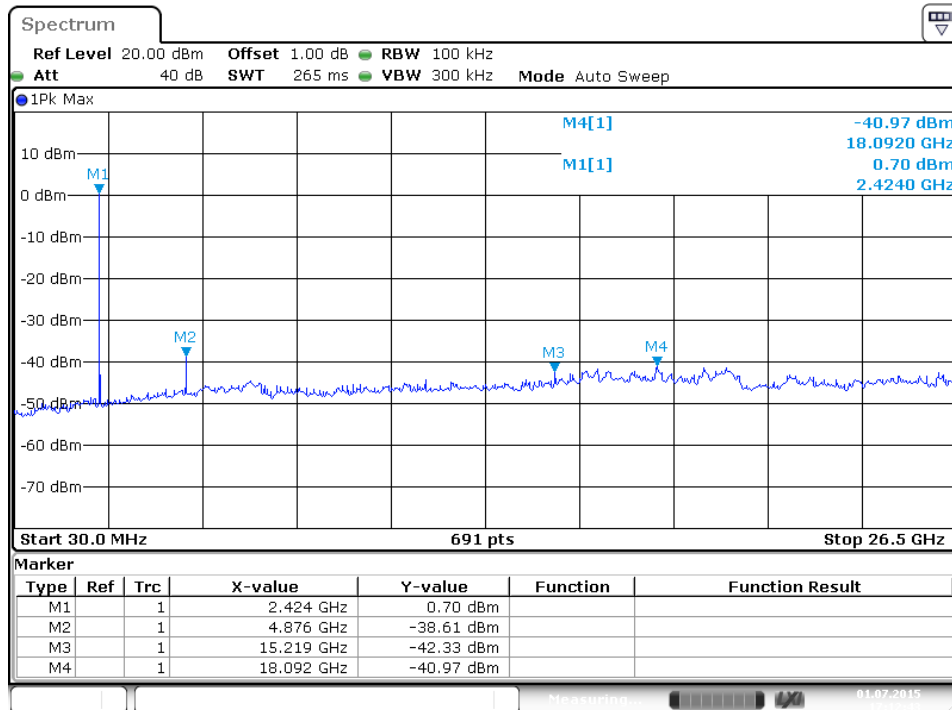


Date: 1.JUL.2015 17:09:51

**Prüfbericht - Nr.: 17050999 002**  
Test Report No.

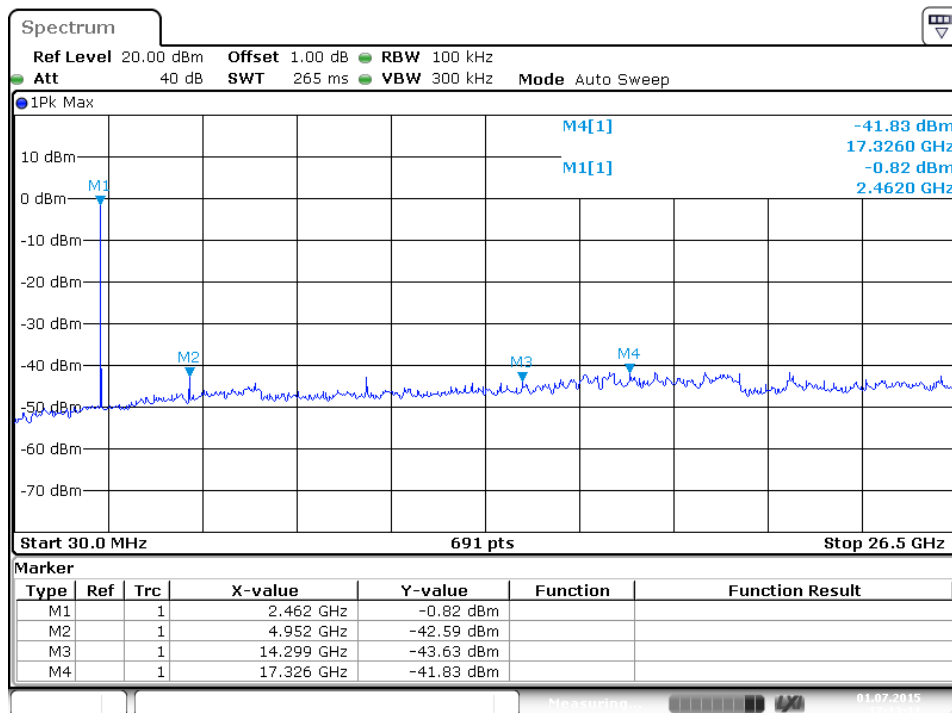
**Seite 18 von 29**  
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**Middle Channel**



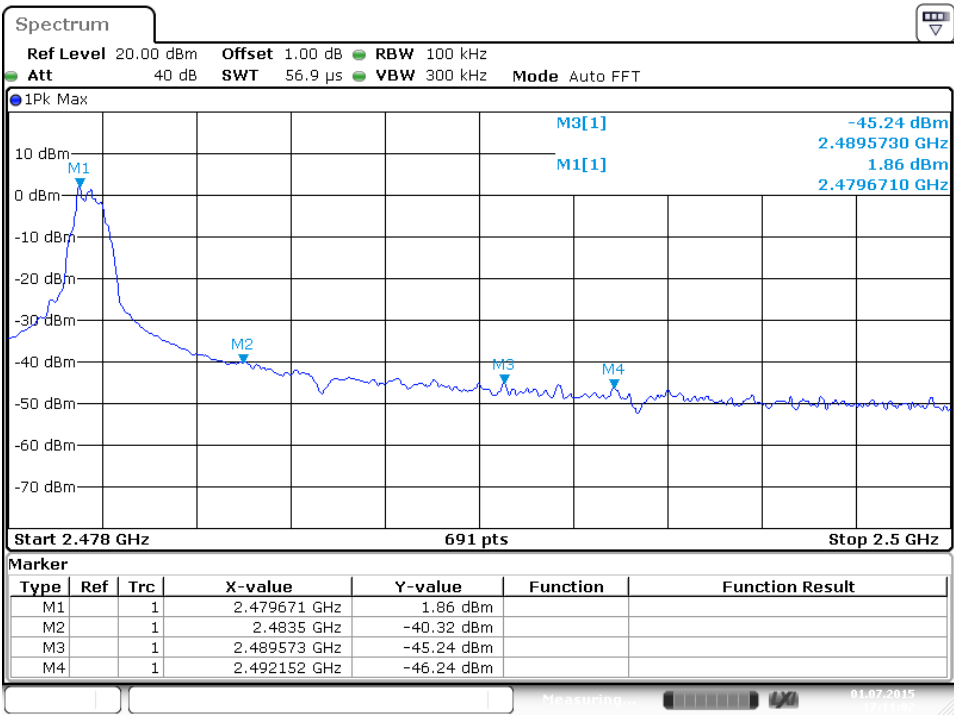
Date: 1.JUL.2015 17:12:43

**High Channel**



Date: 1.JUL.2015 17:13:11

High Channel, Band Edge



Date: 1.JUL.2015 17:11:02

## 5.1.6 Spurious Emission

### RESULT:

**Passed**

Date of testing	:	2015-07-06 to 2015-07-07
Test standard	:	FCC part 15.247(d) FCC Part 15.205
Basic standard	:	ANSI C63.4: 2009
Limits	:	Refer to 15.209(a) of FCC part 15.247(d)
Kind of test site	:	3m Semi-Anechoic Chamber

### Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	Refer to Appendix 1

### Remark:

During the pretest the EUT was rotated through three orthogonal axes to determine the attitude that maximizes the emissions. After that the EUT was manually handled to find the orientation that has the maximum emission, which is the orientation shown in the test setup photos.

Testing was carried out within frequency range 9kHz to the tenth harmonics.

For details refer to Appendix 1.

## 5.1.7 Conducted Emissions

### RESULT:

**Passed**

Date of testing	:	2015-07-02
Test standard	:	FCC Part 15.207(a)
Basic standard	:	ANSI C63.4: 2009
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207(a)
Kind of test site	:	Shield room

### Test setup

Input Voltage	:	AC 120V, 60Hz via AC input of Notebook
Operation Mode	:	A
Earthing	:	Not connected
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	Refer to Appendix 1

For details refer to Appendix 1.

## 5.1.8 Radiated Emission

**RESULT:**

**Passed**

Date of testing	:	2015-07-08
Test standard	:	FCC Part 15 Per Section 15.109
Frequency range	:	30 - 5000MHz
Classification	:	Class B
Test procedure	:	ANSI C63.4: 2009
Kind of test site	:	3m Semi-Anechoic Chamber

**Test setup**

Input Voltage	:	AC 120V, 60Hz via AC input of Notebook
Operation mode	:	B
Earthing	:	Not connected
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	Refer to Appendix 1

Test data refer to Appendix 1.

## 5.1.9 Conducted Emissions

### RESULT:

**Passed**

Date of testing	:	2015-07-02
Test standard	:	FCC Part 15 Per Section 15.107
Basic standard	:	ANSI C63.4: 2009
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.107
Kind of test site	:	Shield room

### Test setup

Input Voltage	:	AC 120V, 60Hz via AC input of Notebook
Operation Mode	:	B
Earthing	:	Not connected
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	Refer to Appendix 1

For details refer to Appendix 1.

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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 D01 v05r02

The separation distance of the ZA2 should be 5mm. The measured maximum peak output power of the ZA2 is 1.77dBm (antenna gain:-1.47dBi), 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 v05r02.

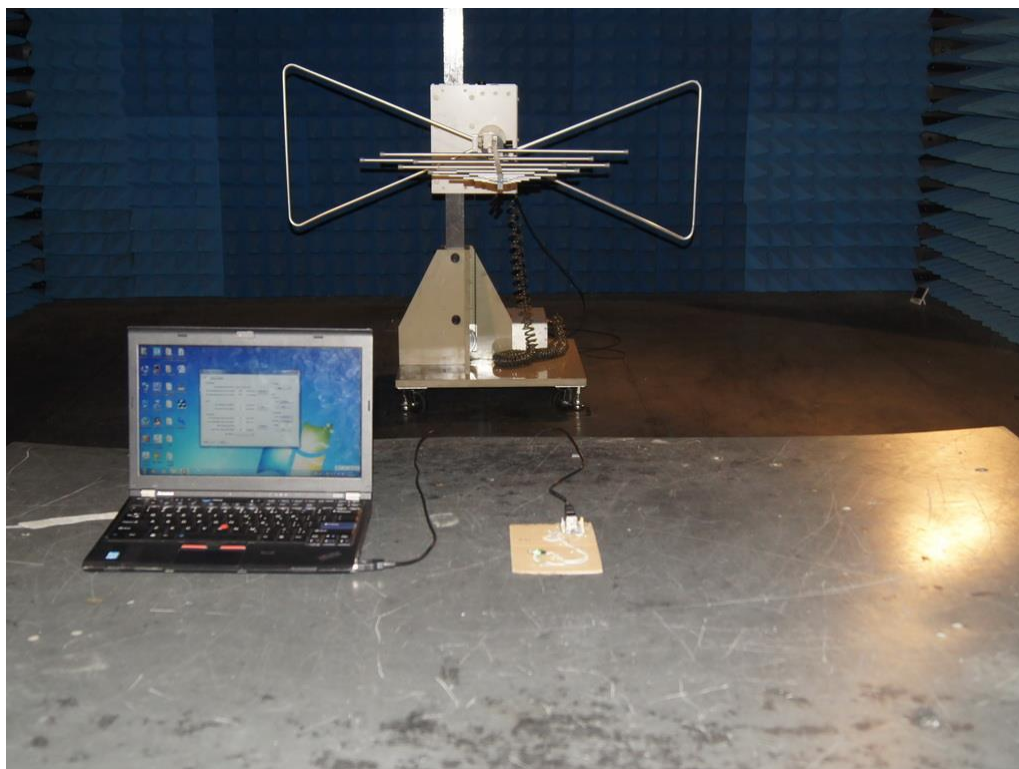


## 7. Photographs of the Test Set-Up

**Photograph 1: Set-up for Spurious Emissions (9kHz-30MHz)**



**Photograph 2: Set-up for Spurious Emissions (30MHz-1GHz)**



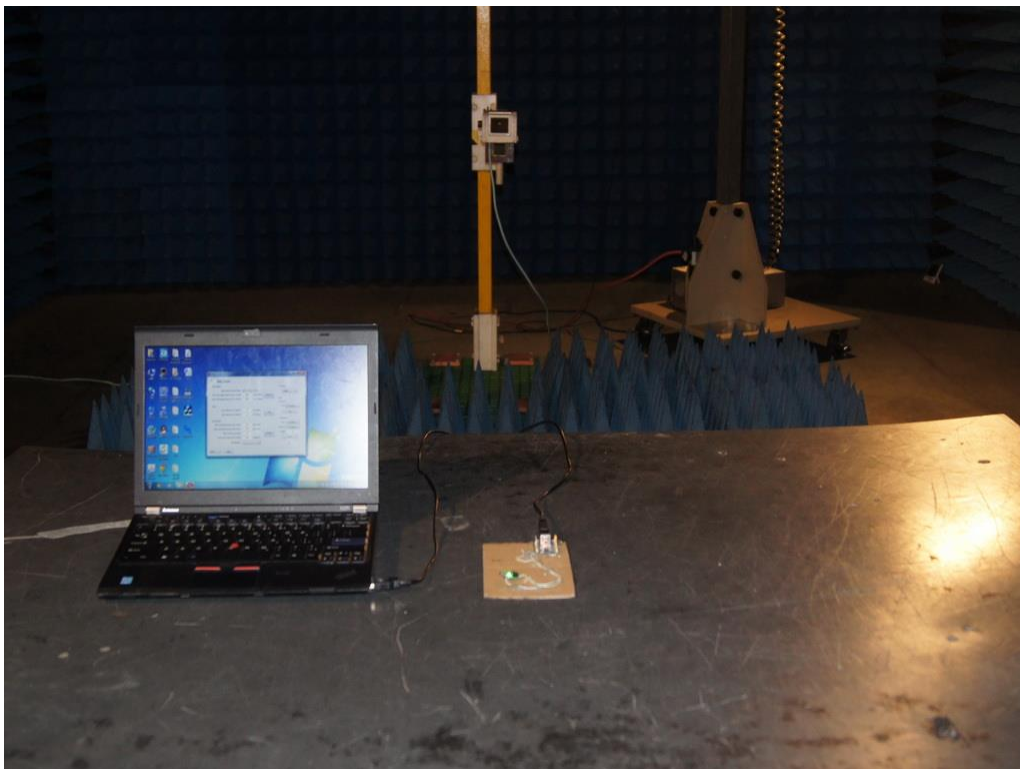
**Prüfbericht - Nr.: 17050999 002**  
Test Report No.

**Seite 26 von 29**  
Page 26 of 29

**Photograph 3: Set-up for Spurious Emissions (1GHz-18GHz)**



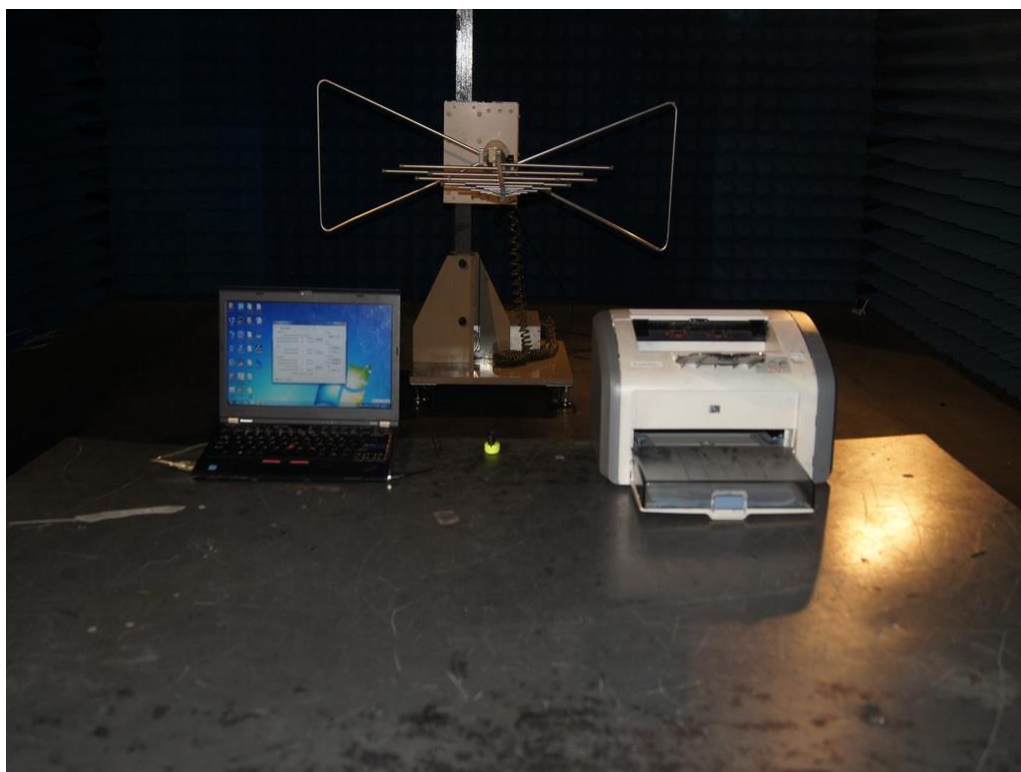
**Photograph 4: Set-up for Spurious Emissions (18GHz-26GHz)**



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



**Photograph 6: Set-up for Radiated Emissions, below 1GHz**





**Prüfbericht - Nr.: 17050999 002**  
*Test Report No.*

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## 1 Test figure of Spurious Emission, Mode A

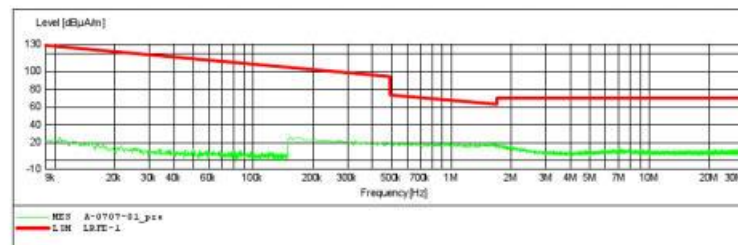
### ACCURATE TECHNOLOGY CO., LTD

#### FCC Class B 3m Radiated

EUT: ZEPP2 M/N:2A2  
 Manufacturer: Zepp labs, Inc.  
 Operating Condition: TX 2402MHz  
 Test Site: C# Chamber  
 Operator: LAN  
 Test Specification: DC 3.7V  
 Comment: X  
 Start of Test: 2015-7-7 /

#### 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



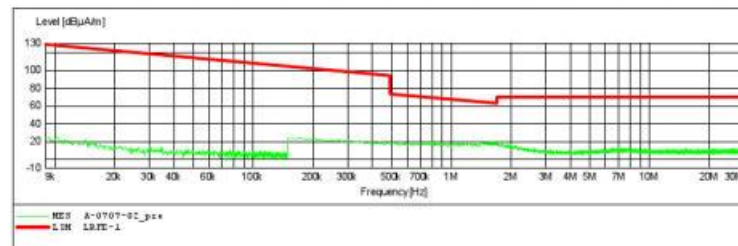
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**FCC Class B 3m Radiated**

EUT: 2EPP2 M/N:2A2  
Manufacturer: Sepp labs, Inc.  
Operating Condition: TX 2402MHz  
Test Site: C# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Y  
Start of Test: 2015-7-7 /

**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





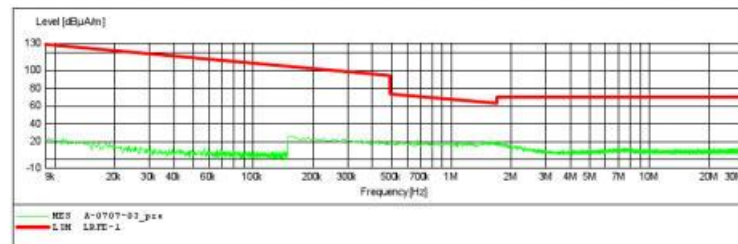
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**FCC Class B 3m Radiated**

EUT: 2EPPC M/N:2A2  
 Manufacturer: Sepp labs, Inc.  
 Operating Condition: TX 2402MHz  
 Test Site: C# Chamber  
 Operator: LAN  
 Test Specification: DC 3.7V  
 Comment: 2  
 Start of Test: 2015-7-7 /

**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



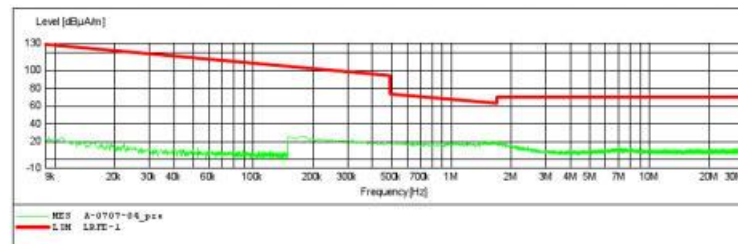
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**FCC Class B 3m Radiated**

EUT: 2EPP2 M/N:2A2  
Manufacturer: Sepp labs, Inc.  
Operating Condition: TX 2440MHz  
Test Site: C# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: X  
Start of Test: 2015-7-7 /

**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



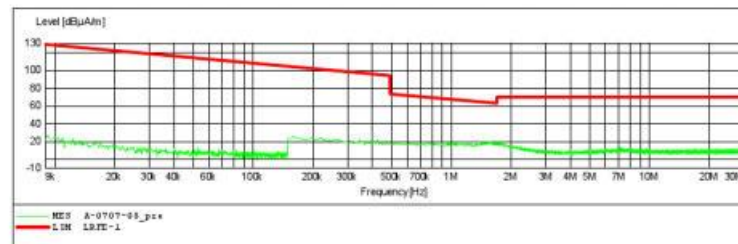
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3m Radiated**

EUT: 2EPPC M/N:2A2  
Manufacturer: Sepp labs, Inc.  
Operating Condition: TX 2440MHz  
Test Site: C# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Y  
Start of Test: 2015-7-7 /

**SCAN TABLE: "LFRE Fin"**

Short Description:			SUB_STD_VTERM2 1.70		IF	Transducer
Start	Stop	Step	Detector	Meas. 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



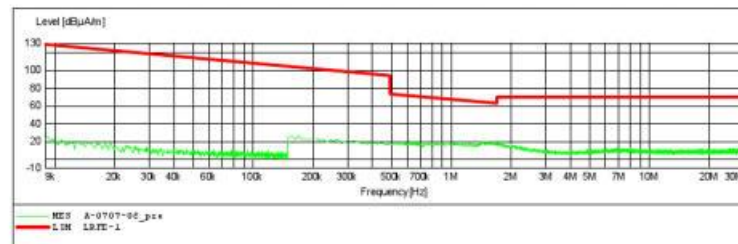
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3m Radiated**

EUT: ZEPPC M/N:2A2  
Manufacturer: Zepp labs, Inc.  
Operating Condition: TX 2440MHz  
Test Site: C# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: 2  
Start of Test: 2015-7-7 /

**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



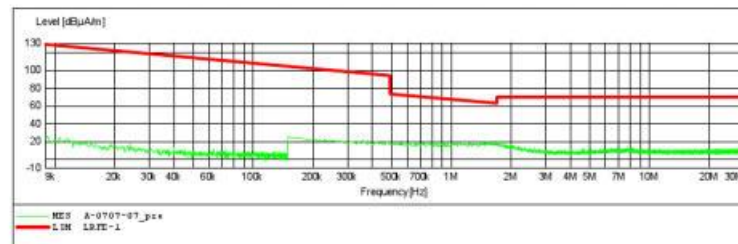
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3m Radiated**

EUT: 2EPPC M/N:2A2  
Manufacturer: Sepp labs, Inc.  
Operating Condition: TX 2480MHz  
Test Site: C# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: X  
Start of Test: 2015-7-7 /

**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



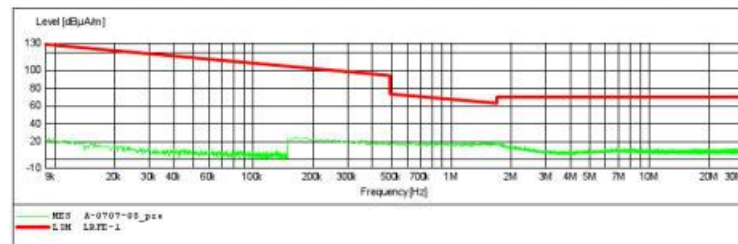
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3m Radiated**

EUT: ZEPPC M/N:2A2  
Manufacturer: Zepp labs, Inc.  
Operating Condition: TX 2480MHz  
Test Site: C# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: Y  
Start of Test: 2015-7-7 /

**SCAN TABLE: "LFRE Fin"**

Short Description:			SUB_STD_VTERM2 1.70		IF	Transducer
Start	Stop	Step	Detector	Meas. 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



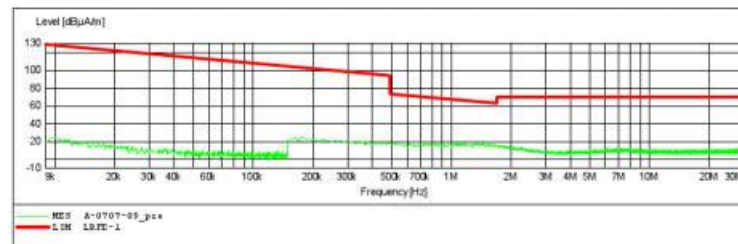
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**FCC Class B 3m Radiated**

EUT: ZEPPC M/N:2A2  
Manufacturer: Zepp labs, Inc.  
Operating Condition: TX 2480MHz  
Test Site: C# Chamber  
Operator: LAN  
Test Specification: DC 3.7V  
Comment: 2  
Start of Test: 2015-7-7 /

**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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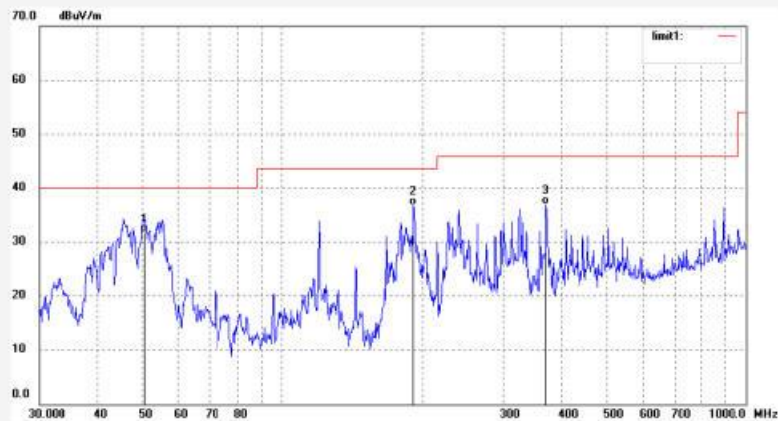
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1748  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2402MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	50.5859	44.34	-12.64	31.70	40.00	-8.30	GP			
2	191.7450	49.48	-12.59	36.89	43.50	-6.61	GP			
3	370.7022	44.51	-7.50	37.01	46.00	-8.99	GP			





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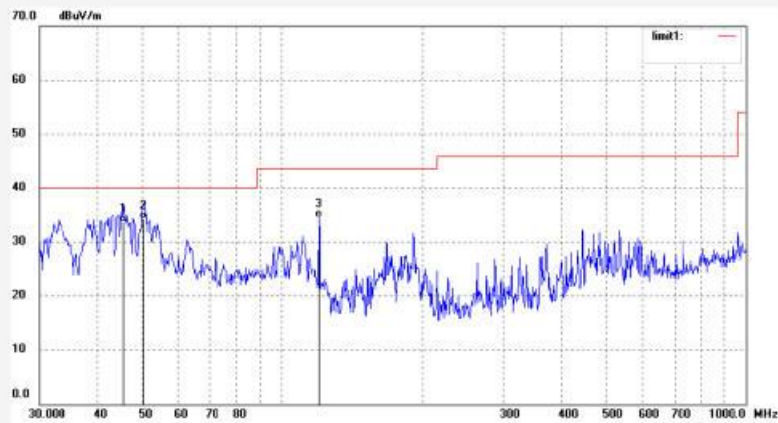
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1749  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2402MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	45.5347	46.40	-12.64	33.76	40.00	-6.24	QP			
2	50.2324	46.77	-12.62	34.15	40.00	-5.85	QP			
3	119.8555	47.79	-13.15	34.64	43.50	-8.86	QP			



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Site: 2# Chamber

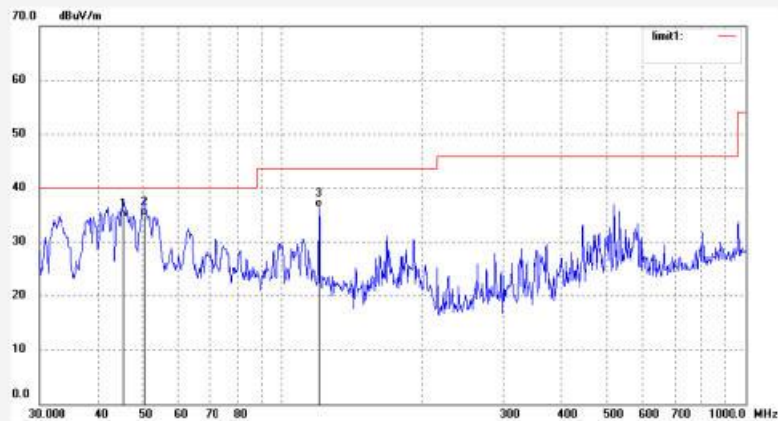
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1750  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2440MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	45.5347	47.19	-12.64	34.55	40.00	-5.45	QP			
2	50.4089	47.51	-12.64	34.87	40.00	-5.13	QP			
3	119.8555	49.70	-13.15	36.55	43.50	-6.95	QP			



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Site: 2# Chamber

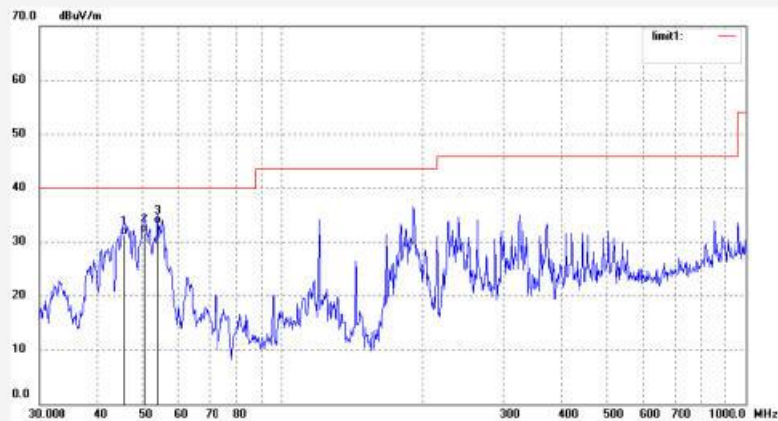
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1751  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2440MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	45.8551	43.83	-12.62	31.21	40.00	-8.79	GP			
2	50.4089	44.32	-12.64	31.68	40.00	-8.32	GP			
3	53.8817	46.16	-12.89	33.27	40.00	-6.73	GP			



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Site: 2# Chamber

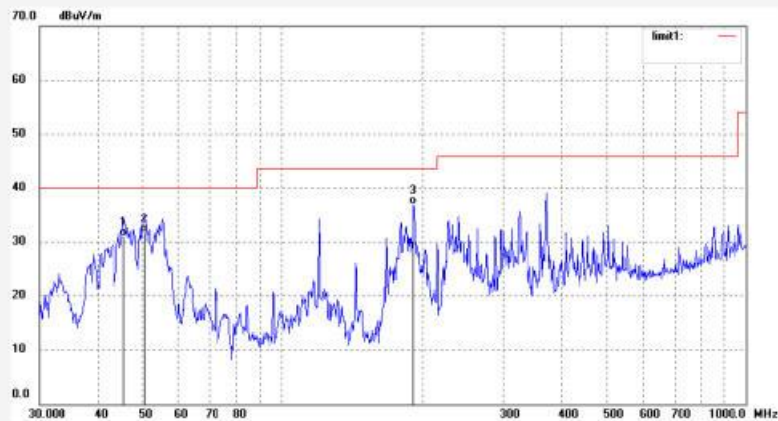
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1752  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2480MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	45.5347	43.77	-12.64	31.13	40.00	-8.87	GP			
2	50.4089	44.39	-12.64	31.75	40.00	-8.25	GP			
3	191.7450	49.59	-12.59	37.00	43.50	-6.50	GP			



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Site: 2# Chamber

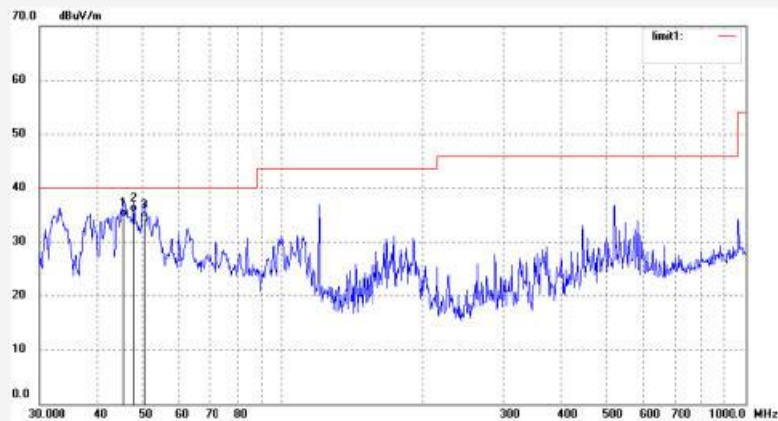
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1753  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2480MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	45.5347	47.42	-12.64	34.78	40.00	-5.22	QP			
2	47.9938	48.17	-12.62	35.55	40.00	-4.45	QP			
3	50.4089	46.96	-12.64	34.32	40.00	-5.68	QP			



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Site: 2# Chamber

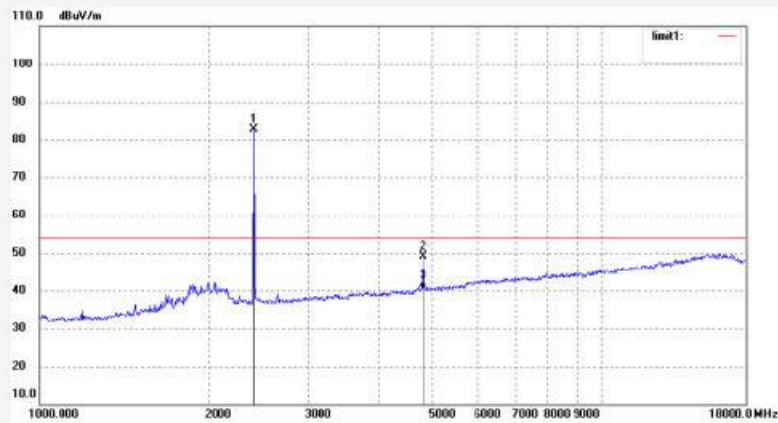
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1715  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2402MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



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	90.10	-7.45	82.65	/	/	peak			
2	4804.031	49.44	-0.30	49.14	74.00	-24.86	peak			
3	4804.031	40.78	-0.30	40.48	54.00	-13.52	AVG			



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Site: 2# Chamber

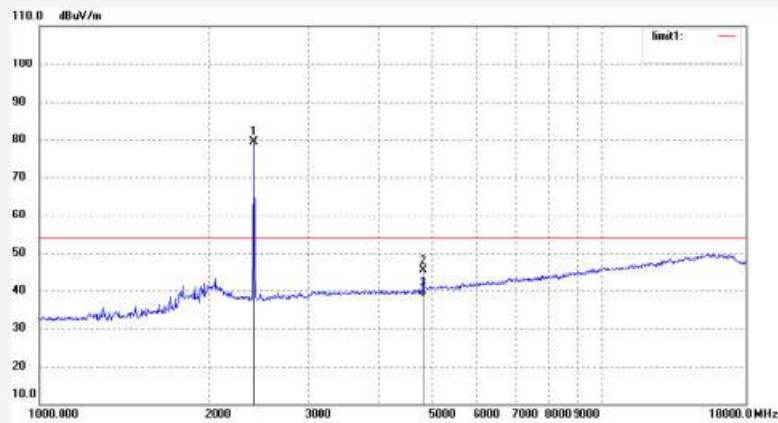
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1717  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2402MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



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	86.90	-7.45	79.45	/	/	peak			
2	4804.025	45.64	-0.30	45.34	74.00	-28.66	peak			
3	4804.025	38.69	-0.30	38.39	54.00	-15.61	AVG			





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Site: 2# Chamber

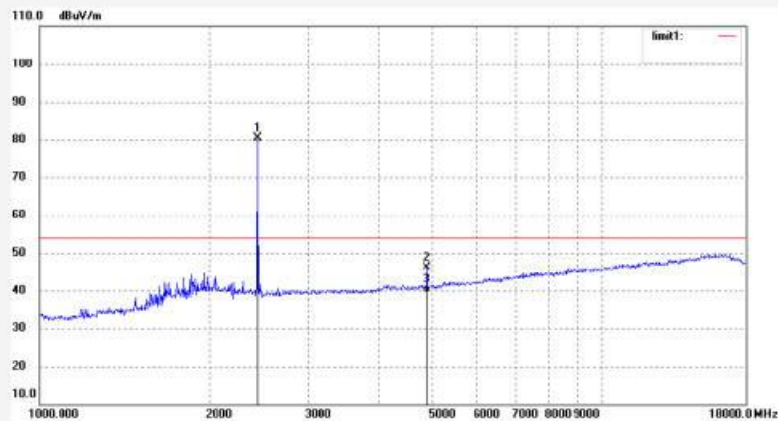
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1720  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2440MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



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	87.80	-7.36	80.44	/	/	peak			
2	4880.015	46.11	0.13	46.24	74.00	-27.76	peak			
3	4880.015	39.27	0.13	39.40	54.00	-14.60	AVG			





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Site: 2# Chamber

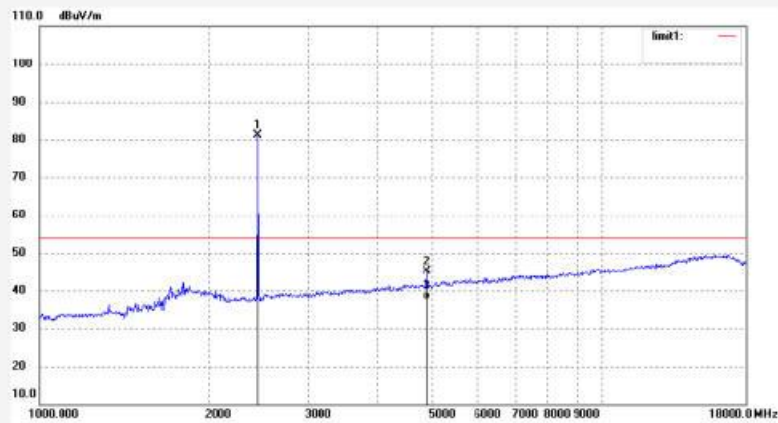
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1721  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2440MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



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	88.51	-7.36	81.15	/	/	peak			
2	4880.023	45.02	0.13	45.15	74.00	-28.85	peak			
3	4880.023	37.44	0.13	37.57	54.00	-16.43	AVG			



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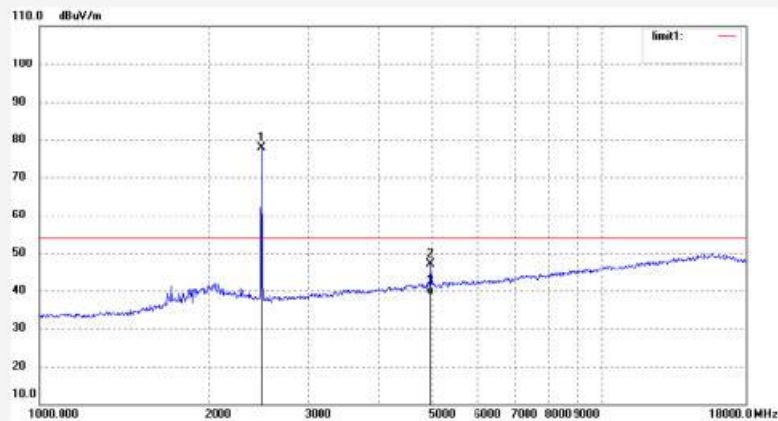
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1722  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2480MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



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	85.14	-7.37	77.77	/	/	peak			
2	4960.027	46.65	0.52	47.17	74.00	-26.83	peak			
3	4960.027	38.34	0.52	38.86	54.00	-15.14	AVG			



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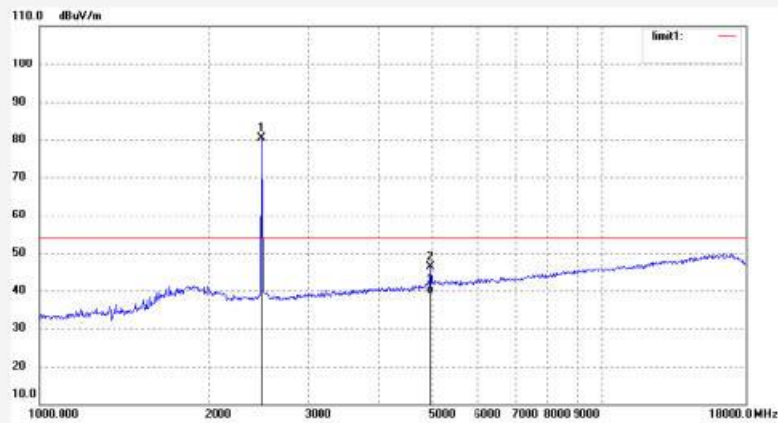
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1723  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2480MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



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	87.66	-7.37	80.29	/	/	peak			
2	4960.024	45.95	0.52	46.47	74.00	-27.53	peak			
3	4960.024	38.66	0.52	39.18	54.00	-14.82	AVG			



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Site: 2# Chamber

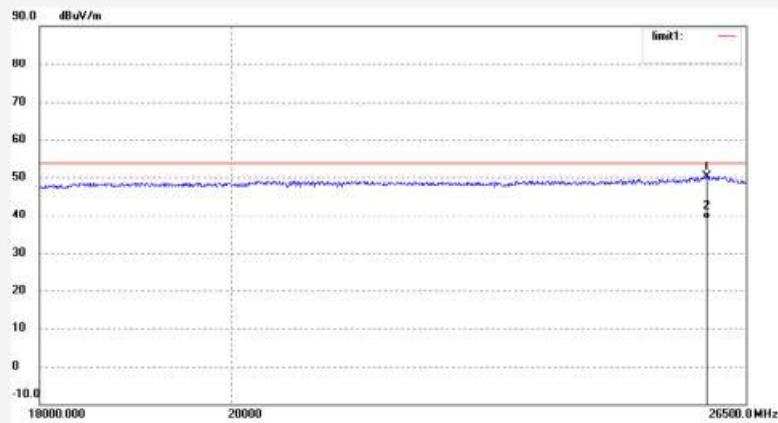
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1742  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2402MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	25942.232	32.95	17.27	50.22	74.00	-23.78	peak			
2	25942.232	21.52	17.27	38.79	54.00	-15.21	AVG			



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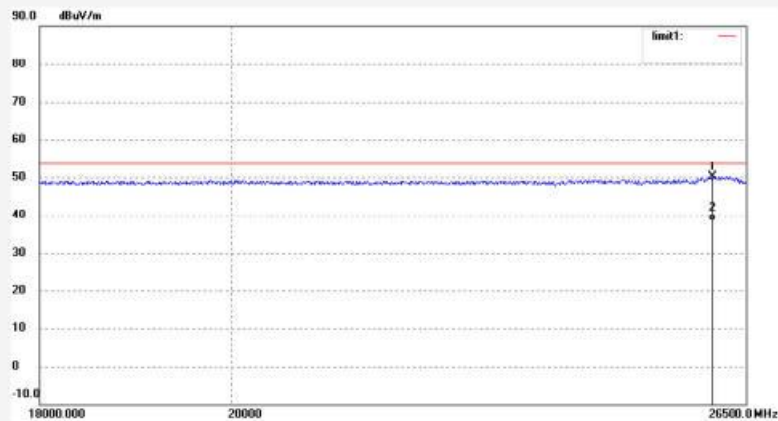
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1743  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2402MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



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	32.98	17.22	50.20	74.00	-23.80	peak			
2	26012.563	21.04	17.22	38.26	54.00	-15.74	AVG			



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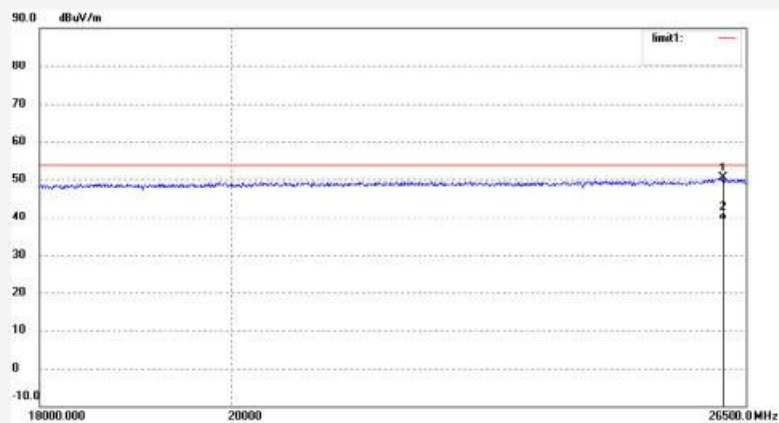
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1744  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2440MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	26163.916	33.37	17.12	50.49	74.00	-23.51	peak			
2	26163.916	22.01	17.12	39.13	54.00	-14.87	AVG			



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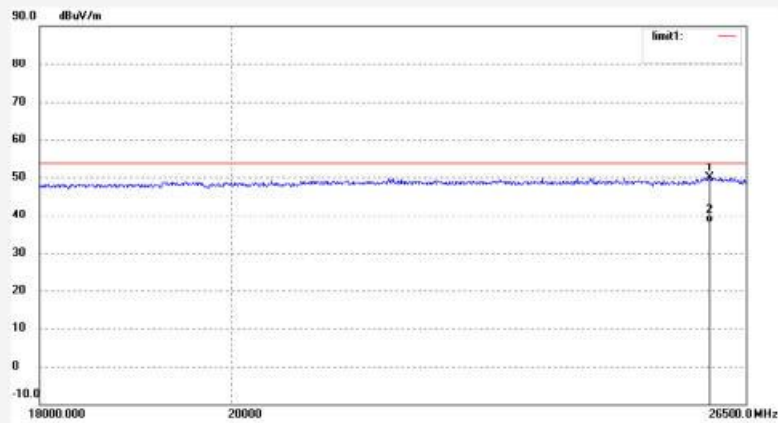
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1745  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2440MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	25972.351	32.72	17.25	49.97	74.00	-24.03	peak			
2	25972.351	20.69	17.25	37.94	54.00	-16.06	AVG			



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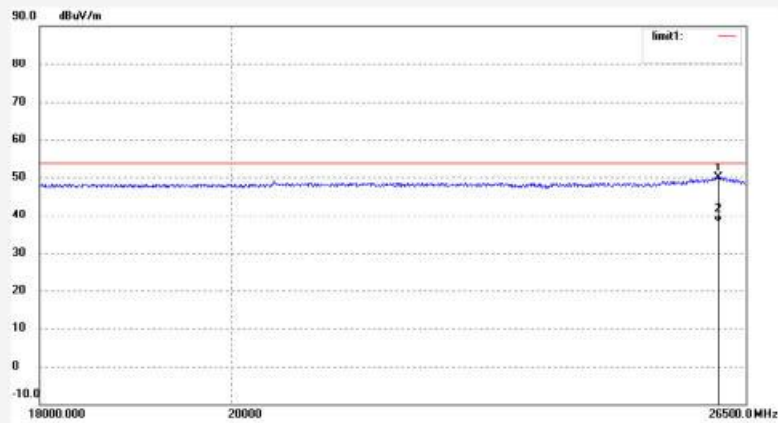
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1746  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2480MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



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	32.84	17.16	50.00	74.00	-24.00	peak			
2	26103.270	21.03	17.16	38.19	54.00	-15.81	AVG			





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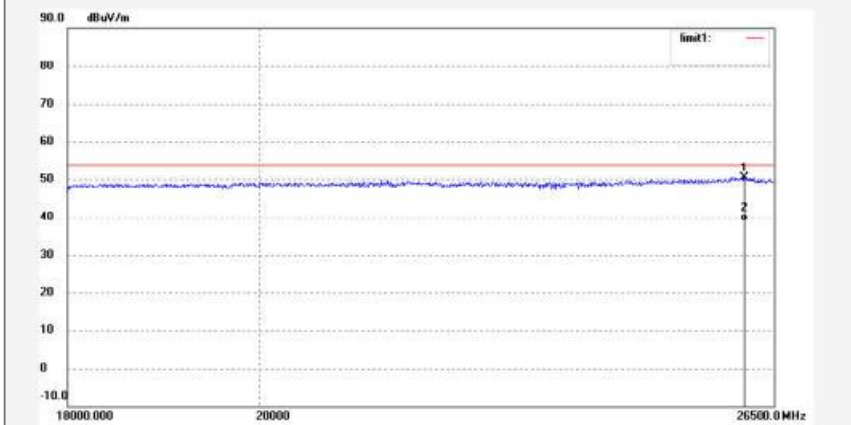
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1747  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2480MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



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	33.32	17.18	50.50	74.00	-23.50	peak			
2	26072.999	21.82	17.18	39.00	54.00	-15.00	AVG			

## 2 Test figure of Band Edge, Mode A



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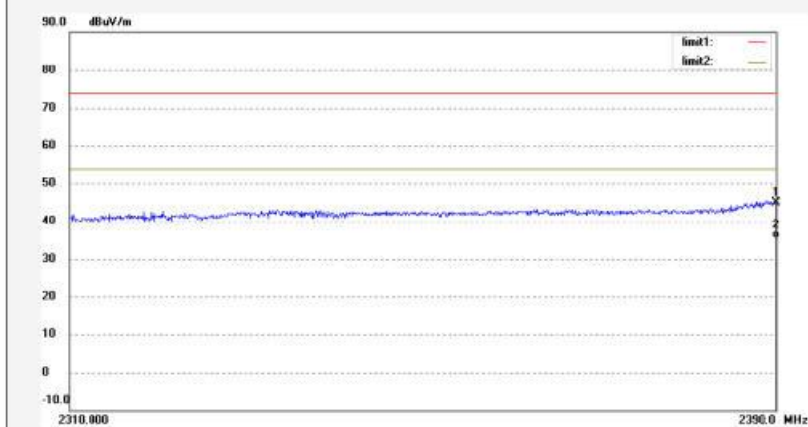
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Ian2015 #1718  
Standard: FCC (Band Edge)  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2402MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	52.51	-7.53	44.98	74.00	-29.02	peak			
2	2390.000	42.85	-7.53	35.32	54.00	-18.68	AVG			



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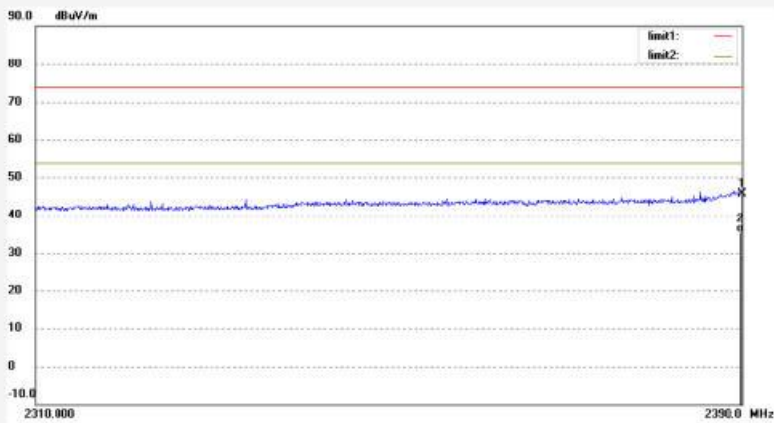
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1719  
Standard: FCC (Band Edge)  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2402MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	2390.000	53.10	-7.53	45.57	74.00	-28.43	peak			
2	2390.000	42.99	-7.53	35.46	54.00	-18.54	AVG			



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Site: 2# Chamber

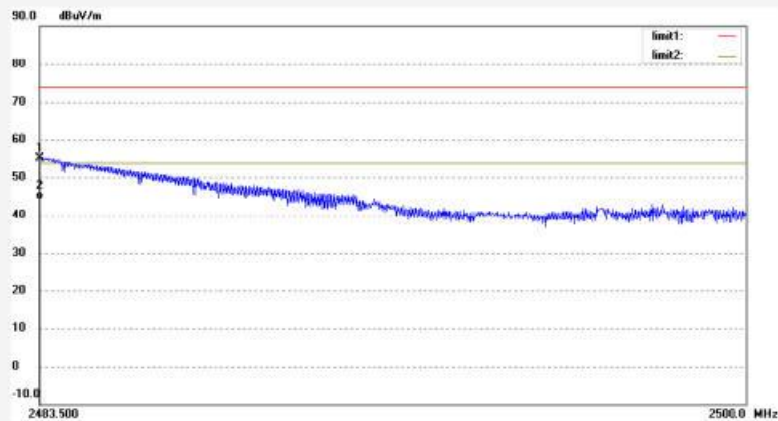
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1724  
Standard: FCC (Band Edge)  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2480MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Vertical  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	2483.500	62.55	-7.37	55.18	74.00	-18.82	peak			
2	2483.500	51.47	-7.37	44.10	54.00	-9.90	AVG			



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Site: 2# Chamber

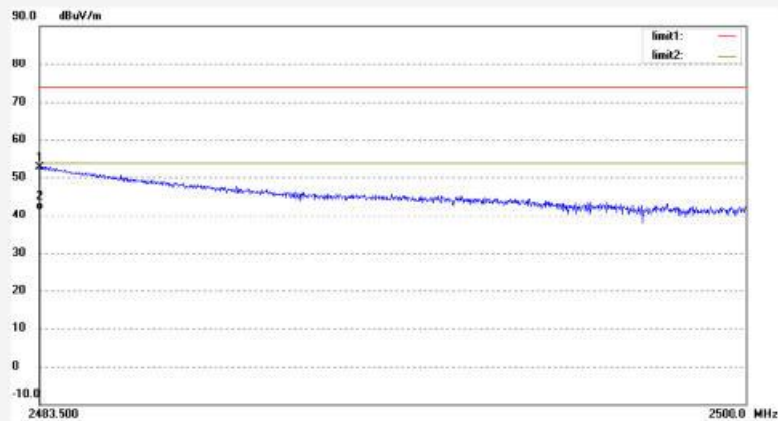
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1725  
Standard: FCC (Band Edge)  
Test item: Radiation Test  
Temp.: C/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: TX 2480MHz  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Horizontal  
Power Source: DC 3.7V  
Date: 15/07/06/  
Time:  
Engineer Signature:  
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	2483.500	59.93	-7.37	52.56	74.00	-21.44	peak			
2	2483.500	48.78	-7.37	41.41	54.00	-12.59	AVG			

### 3 Test figure of Conducted Emission, Mode A

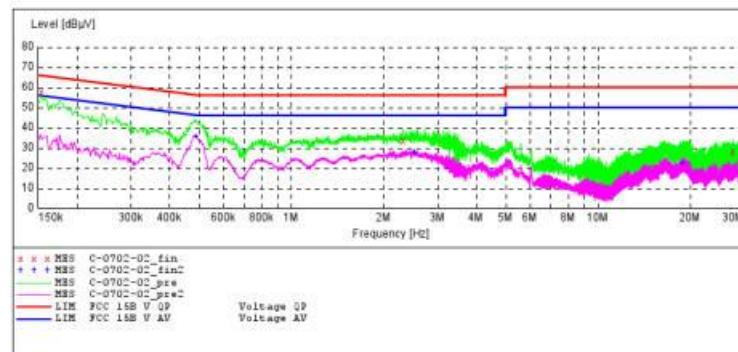
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: ZEPP2 M/N:2A2  
Manufacturer: Zepp labs, Inc.  
Operating Condition: Transmitting  
Test Site: 1#Shielding Room  
Operator: LAN  
Test Specification: L 120V/60Hz  
Comment: Mains Port  
Start of Test: 2015-7-2 /

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

Short Description: SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
Average



MEASUREMENT RESULT: "C-0702-02\_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.154000	57.00	10.4	66	8.8	QP	L1	GND
2.324000	33.30	11.7	56	22.7	QP	L1	GND
27.587000	27.60	12.0	60	32.4	QP	L1	GND

MEASUREMENT RESULT: "C-0702-02\_fin2"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.450000	35.50	11.5	46	10.7	AV	L1	GND
2.517500	27.50	11.7	46	18.5	AV	L1	GND
18.920000	21.80	11.9	50	28.2	AV	L1	GND

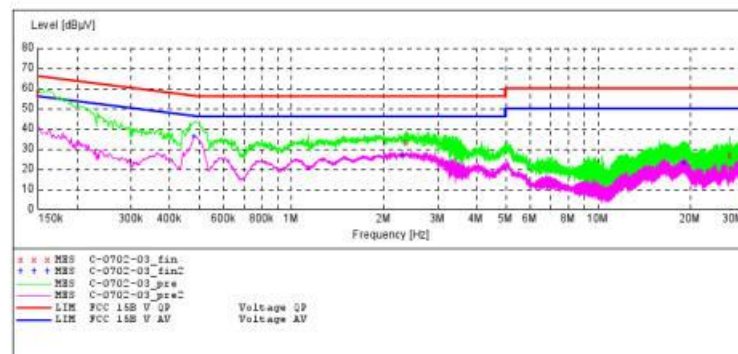
**ACCURATE TECHNOLOGY CO., LTD**

**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: ZEPPC M/N:2AC  
Manufacturer: Zepp labs, Inc.  
Operating Condition: Transmitting  
Test Site: 1#Shielding Room  
Operator: LAN  
Test Specification: N 120V/60Hz  
Comment: Mains Port  
Start of Test: 2015-7-2 /

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

Short Description: \_SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
Average



**MEASUREMENT RESULT: "C-0702-03\_fin"**

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	57.10	10.3	66	8.9	QP	N	GND
2.369000	32.90	11.7	56	23.1	QP	N	GND
26.966000	26.80	12.0	60	33.2	QP	N	GND

**MEASUREMENT RESULT: "C-0702-03\_fin2"**

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.482000	35.60	11.5	46	10.7	AV	N	GND
2.306000	26.80	11.7	46	19.2	AV	N	GND
19.109000	22.40	11.9	50	27.6	AV	N	GND



#### 4 Test figure of Radiated Emission, Mode B





Produkte  
Products



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Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2015 #1769

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: ZEPP2

Mode: Charging

Model: ZA2

Manufacturer: Zepp labs, Inc.

Polarization: Horizontal

Power Source: DC 5V

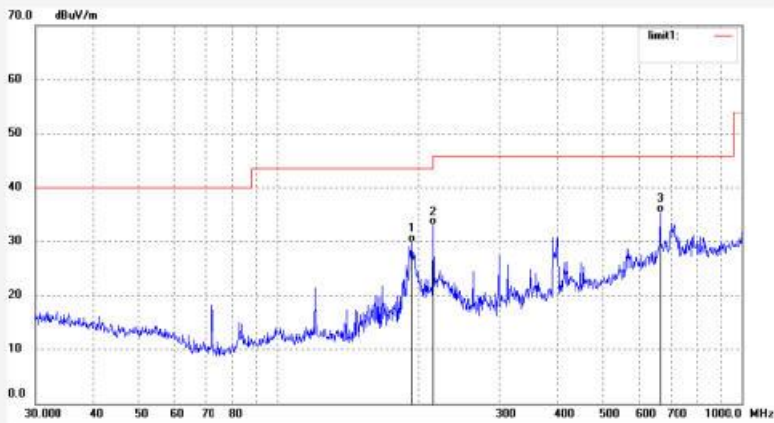
Date: 15/07/08/

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	193.7727	42.38	-12.51	29.87	43.50	-13.63	QP			
2	216.0240	44.76	-11.85	32.91	46.00	-13.09	QP			
3	665.8034	37.57	-2.19	35.38	46.00	-10.62	QP			



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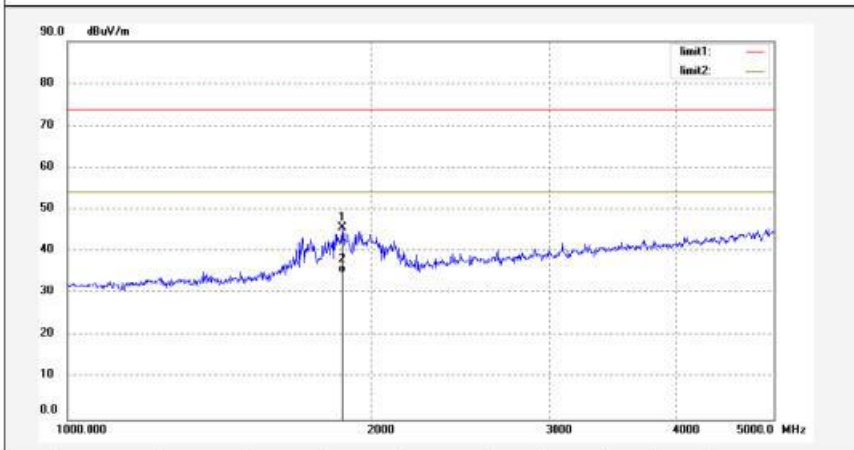
F1,Bldg A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

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

Job No.: LAN2015 #1770	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/07/08/
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: ZEPP2	Engineer Signature:
Mode: Charging	Distance: 3m
Model: ZA2	
Manufacturer: Zepp labs, Inc.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1867.241	55.32	-9.60	45.72	74.00	-28.28	peak			
2	1867.241	44.56	-9.60	34.96	54.00	-19.04	AVG			

Produkte  
Products

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Site: 2# Chamber

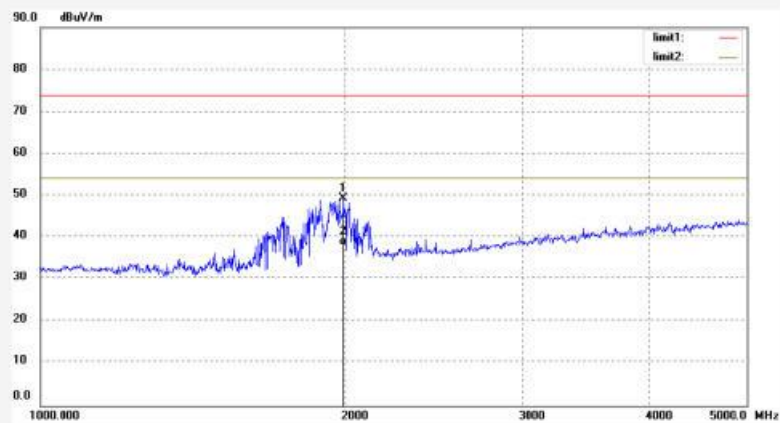
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2015 #1771  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: ZEPP2  
Mode: Charging  
Model: ZA2  
Manufacturer: Zepp labs, Inc.

Polarization: Vertical  
Power Source: DC 5V  
Date: 15/07/08/  
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	1994.611	58.36	-9.03	49.33	74.00	-24.67	peak			
2	1994.611	47.25	-9.03	38.22	54.00	-15.78	AVG			

## 5 Test figure of Conducted Emission, Mode B

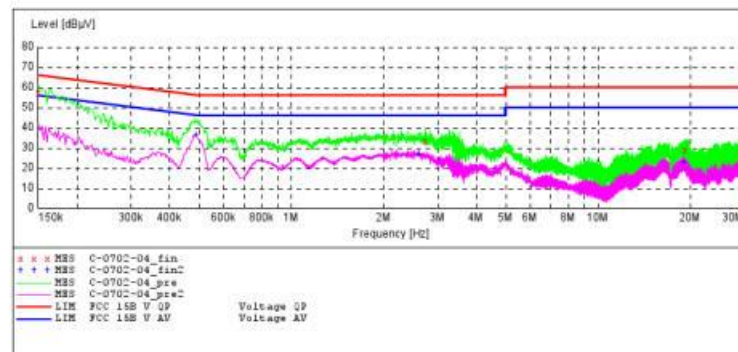
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: ZEPP2 M/N:2A2  
Manufacturer: Zepp labs, Inc.  
Operating Condition: Charging  
Test Site: 1#Shielding Room  
Operator: LAN  
Test Specification: N 120V/60Hz  
Comment: Mains Port  
Start of Test: 2015-7-2 /

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

Short Description: SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
Average



MEASUREMENT RESULT: "C-0702-04\_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.150000	56.80	10.3	66	9.2	QP	N	GND
2.742500	32.90	11.7	56	23.1	QP	N	GND
19.302500	28.40	11.9	60	31.6	QP	N	GND

MEASUREMENT RESULT: "C-0702-04\_fin2"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.450000	36.00	11.5	46	10.2	AV	N	GND
2.607500	26.50	11.7	46	19.5	AV	N	GND
19.109000	22.30	11.9	50	27.7	AV	N	GND

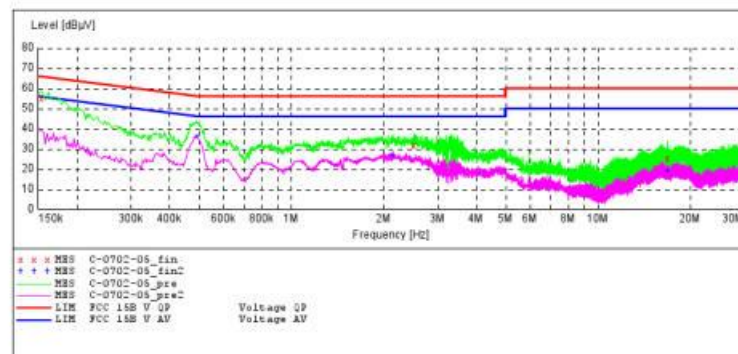
**ACCURATE TECHNOLOGY CO., LTD**

**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: ZEPPC M/N:2AC  
Manufacturer: Zepp labs, Inc.  
Operating Condition: Charging  
Test Site: 1#Shielding Room  
Operator: LAN  
Test Specification: L 120V/60Hz  
Comment: Mains Port  
Start of Test: 2015-7-2 /

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

Short Description: \_SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
Average



**MEASUREMENT RESULT: "C-0702-05\_fin"**

2015-7-2

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.154000	54.70	10.4	66	11.1	QP	L1	GND
2.522000	31.30	11.7	56	24.7	QP	L1	GND
16.899500	24.60	11.9	60	35.4	QP	L1	GND

**MEASUREMENT RESULT: "C-0702-05\_fin2"**

2015-7-2

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.494000	35.80	11.5	46	10.3	AV	L1	GND
2.144000	26.60	11.7	46	19.4	AV	L1	GND
16.899500	18.60	11.9	50	31.4	AV	L1	GND