



# **FCC 47 CFR PART 15 SUBPART B**

## **TEST REPORT**

*For*

**Applicant: LINKUS GROUP CORP**

**Address: 25 WEST 27ST NEW YORK NEW YORK 10001 USA**

**Product Name: MADISON PHONE**

**Model Name: NEW MADISON**

**Brand Name: LGG**

**FCC ID: 2AB5QLGG**

**Report No.: STS140334F4**

**Date of Issue: April 07,2014**

**Issued by: Shenzhen Super Test Service Technology Co., Ltd.**

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**1. VERIFICATION OF CONFORMITY**

**Equipment Under Test:** MADISON PHONE  
**Brand Name:** LGG  
**Model Number:** NEW MADISON  
**Series Model Name:** N/A  
**Series Model Difference description:** N/A  
**FCC ID:** 2AB5QLGG  
**Applicant:** LINKUS GROUP CORP  
25 WEST 27ST NEW YORK NEW YORK 10001 USA  
**Manufacturer:** LINKUS GROUP CORP  
25 WEST 27ST NEW YORK NEW YORK 10001 USA  
**Technical Standards:** FCC Part 15 B  
**File Number:** STS140334F4  
**Date of test:** March 28,2014-April 07,2014  
**Deviation:** None  
**Condition of Test Sample:** Normal  
**Test Result:** PASS

The above equipment was tested by Shenzhen Super Test Service Technology Co., Ltd. for compliance with the requirements set forth in FCC Part 15 and the Technical Standards mentioned above. This said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment and the level of the immunity endurance of the equipment are within the compliance requirements.

The test results of this report relate only to the tested sample identified in this report.

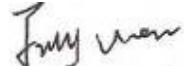
Tested by (+ signature):



Petter Ping

April 07,2014

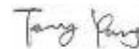
Review by (+ signature):



July Wen

April 07,2014

Approved by (+ signature):



Terry Yang

April 07,2014

## 2. GENERAL INFORMATION

### 2.1 PRODUCT INFORMATION

| <b>EUT1- Mobile Phone</b>  |                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description:               | MADISON PHONE                                                                                                                                                            |
| Model Name:                | NEW MADISON                                                                                                                                                              |
| Brand Name:                | LGG                                                                                                                                                                      |
| Frequency Range:           | GSM 850: 824.2-848.8MHz<br>GSM1900:1850.2-1909.8MHz<br>WCDMA Band II:1852.4-1907.6MHz<br>WCDMA BandV:826.4-846.6MHz<br>Bluetooth:2402-2480MHz<br>WIFI: 2412MHz – 2462MHz |
| Hardware Version:          | E2709_V1.1                                                                                                                                                               |
| Software Version:          | 20140218_e2709_v82_jbla828_lgg_1                                                                                                                                         |
| <b>EUT2- Battery</b>       |                                                                                                                                                                          |
| Description:               | Lithium-ion Battery                                                                                                                                                      |
| Model Name:                | NEW MADISON                                                                                                                                                              |
| Brand Name:                | LGG                                                                                                                                                                      |
| Manufacturer:              | Shenzhen Guangxunlisen Technology Co.,Ltd                                                                                                                                |
| Capacitance:               | 3300 mAh                                                                                                                                                                 |
| Rated Voltage:             | 3.7V                                                                                                                                                                     |
| Charge Limit:              | 4.2V                                                                                                                                                                     |
| <b>EUT3 – Power Supply</b> |                                                                                                                                                                          |
| Description:               | Travel Charger                                                                                                                                                           |
| Model Name:                | NEW MADISON                                                                                                                                                              |
| Brand Name:                | LGG                                                                                                                                                                      |
| Manufacturer:              | Shenzhen Jinliyuan Communications Co.,Ltd                                                                                                                                |
| Rated Input:               | AC 100-240V, 50/60Hz, 0.15A                                                                                                                                              |
| Rated Output:              | DC 5V, 1.0A                                                                                                                                                              |
| Length of USB cable:       | 1.0m                                                                                                                                                                     |

**NOTE:**

1. The EUT is a model of Mobile Station (MS). It consists of **hand telephone set, Lithium battery, USB cable, headphone and Charger** as listed above.
2. Please refer to Appendix 2 for the photographs of the EUT. For a more detailed features description about the EUT, please refer to User's Manual.

## 2.2 OBJECTIVE

Perform FCC Part 15 Subpart B tests for FCC Marking.

## 2.3 TEST STANDARDS AND RESULTS

Test items and the results are as bellow:

| EMISSION                                          |         |                    |        |                    |
|---------------------------------------------------|---------|--------------------|--------|--------------------|
| Standard                                          | Item    |                    | Result | Remarks            |
| FCC 47 CFR Part 15 Subpart B<br>(10-1-11 Edition) | §15.107 | Conducted Emission | PASS   | Meet Class B limit |
|                                                   | §15.109 | Radiated Emission  | PASS   | Meet Class B limit |

Note: 1. The test result judgment is decided by the limit of measurement standard  
2. The information of measurement uncertainty is available upon the customer's request.

## 2.4 ENVIRONMENTAL CONDITIONS

During the measurement the environmental conditions were within the listed ranges:

- Temperature: 15-35°C
- Humidity: 30-60 %
- Atmospheric pressure: 86-106 kPa

### 3. TEST FACILITY

#### 3.1 TEST FACILITY

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Site:            | Compliance Certification Services Inc. (Kun shan) Laboratory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Location:             | No.10 Weiye Rd, Innovation park, Eco&Tec,Development Zone, Kunshan City, Jiangsu, China                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Description:          | <p>There is one 3m semi-anechoic an area test sites and two line conducted labs for final test. The Open Area Test Sites and the Line Conducted labs are constructed and calibrated to meet the FCC requirements in documents ANSI C63.4 and CISPR 16 requirements.</p> <p>The FCC Registration Number is <b>238958</b>.</p> <p>The <b>CNAS</b> Registration Number is <b>CNAS L4354</b>.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Site Filing:          | The site description is on file with the Federal Communications Commission, 7435 Oakland Mills Road, Columbia, MD 21046.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Instrument Tolerance: | All measuring equipment is in accord with ANSI C63.4:2009 and CISPR 16 requirements that meet industry regulatory agency and accreditation agency requirement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Ground Plane:         | Two conductive reference ground planes were used during the Line Conducted Emission, one in vertical and the other in horizontal. The dimensions of these ground planes are as below. The vertical ground plane was placed distancing 40 cm to the rear of the wooden test table on where the EUT and the support equipment were placed during test. The horizontal ground plane projected 50 cm beyond the footprint of the EUT system and distanced 80 cm to the wooden test table. For Radiated Emission Test, one horizontal conductive ground plane extended at least 1m beyond the periphery of the EUT and the largest measuring antenna, and covered the entire area between the EUT and the antenna. It has no holes or gaps having longitudinal dimensions larger than one-tenth of a wavelength at the highest frequency of measurement up to 1GHz. |

#### 3.2 GENERAL TEST PROCEDURES

During all testing, EUT is in data transmitting with the notebook by the USB cable. The radiated emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is doing the charger model and data transmitter model to find out the worst emission. And the conducted emission measurements were carried out the shielding-room, and EUT is doing the charger model and data transmitter model to find out the worst emission.

About the detail test procedures description was display on the radiated and conducted emission test items.

**4. TEST EQUIPMENT LIST****4.1 SUPPORT EQUIPMENT**

| Device Type   | Manufacturer | Model Name  | Serial No.  | Data Cable | Power Cable |
|---------------|--------------|-------------|-------------|------------|-------------|
| Micro SD CARD | Kingston     | 1G          | 0907T139090 |            | N/A         |
| Charger       | Jinliyuan    | NEW MADISON | N/A         |            | N/A         |
| Notebook      | DELL         | E4446A      | E5430       |            | Sheild 1.5m |

*Remark:*

*All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.*

## 4.2 TEST EQUIPMENT LIST

**Instrumentation:** The following list contains equipment used at CCS for testing. The equipment conforms to the CISPR 16-1 / ANSI C63.2 Specifications for Electromagnetic Interference and Field Strength Instrumentation from 10 kHz to 1.0 GHz or above.

| Name of Equipment   | Manufacturer      | Model      | Serial Number | Calibration Due | calibration interval |
|---------------------|-------------------|------------|---------------|-----------------|----------------------|
| Spectrum Analyzer   | Agilent           | E4446A     | MY44020154    | 2014-5-12       | 1 year               |
| EMI Test Receiver   | R&S               | ESCI       | 1166.5950.03  | 2014-8-13       | 1 year               |
| Pre-Amplifier       | Miteq             | NSP4000-NF | 870629        | 2014-5-12       | 1 year               |
| Bilog Antenna       | Sunol             | JB1        | A110204-2     | 2014-5-12       | 1 year               |
| Horn-antenna        | SCHWARZBECK       | BBHA9120D  | D:266         | 2014-6-07       | 1 year               |
| Horn-antenna        | SCHWARZBECK       | BBHA9170   | D:171         | 2014-4-28       | 1 year               |
| Loop-antenna        | ZHINAN            | ZN30900A   | N/A           | 2014-6-07       | 1 year               |
| Turn Table          | CT                | CT123      | 4165          | N.C.R           | 1 year               |
| Antenna Tower       | CT                | CTERG23    | 3256          | N.C.R           | 1 year               |
| Controller          | CT                | CT100      | 95637         | N.C.R           | 1 year               |
| EMI TEST RECEIVER   | R&S               | ESCI       | 100781        | 2015-3-14       | 1 year               |
| V (V-LISN)          | R&S               | ENV216     | 101604        | 2014-5-21       | 1 year               |
| Pulse Limiter       | R&S               | ESH3-Z2    | 100524        | 2014-9-24       | 1 year               |
| Temperature Chamber | Guangzhou Gongwen | GDS-250    | N/A           | 2014-9-24       | 1 year               |
| Test Software       | EZ-EMC            |            |               |                 |                      |

**NOTE:** Equipments listed above have been calibrated and are in the period of validation.

## **5. 47 CFR PART 15B REQUIREMENTS**

### **5.1 GENERAL INFORMATION**

#### **EUT Function and Test Mode**

##### **Mode 1: Idle Mode**

The MS was registered to the base station simulator but no call was set up.

The EUT configuration of the emission test was **MS + Battery+ Charger**.

##### **Mode 2: USB Mode**

During the test, the MS was connected with the notebook and made the data transmission function continuously.

The EUT configuration of the emission test was **MS + Battery+ USB Cable+ Notebook**.

Note: Due to the different configuration and test, in this list only some worse mode. The worst test data of the worse mode is reported by this report.

## 6. LINE CONDUCTED EMISSION TEST

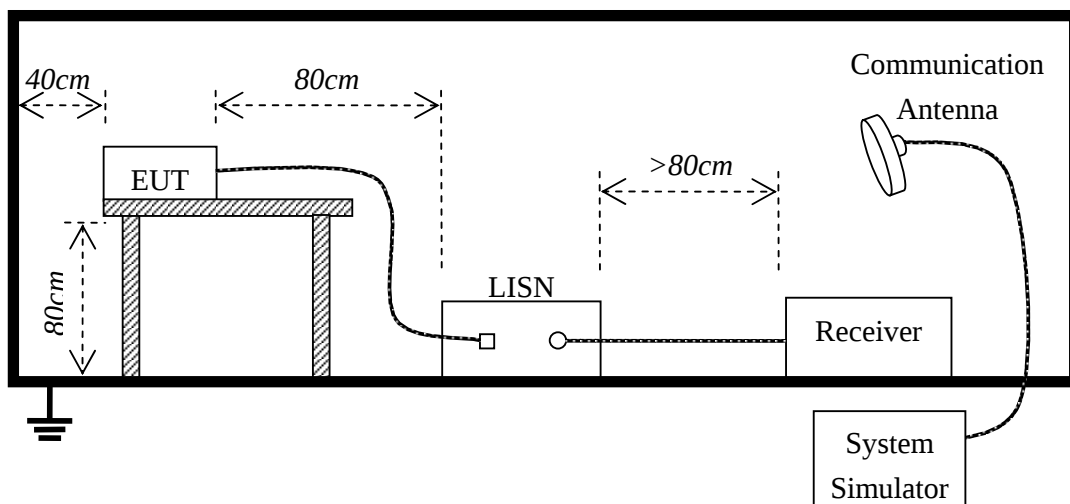
### 6.1. LIMITS OF LINE CONDUCTED EMISSION TEST

| Frequency     | Maximum RF Line Voltage |                |
|---------------|-------------------------|----------------|
|               | Q.P.( dBuV)             | Average( dBuV) |
| 150kHz-500kHz | 66-56                   | 56-46          |
| 500kHz-5MHz   | 56                      | 46             |
| 5MHz-30MHz    | 60                      | 50             |

**\*\*Note:** 1. the lower limit shall apply at the transition frequency.

2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz

### 6.2. BLOCK DIAGRAM OF TEST SETUP



### 6.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST

- 1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per FCC Part 15 (see Test Facility for the dimensions of the ground plane used). When the EUT is floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2) Support equipment, if needed, was placed as per FCC Part 15.
- 3) All I/O cables were positioned to simulate typical actual usage as per FCC Part 15.
- 4) The EUT received DC 5V by AC/DC adapter or USB port of notebook which through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
- 5) All support equipments received power from a second LISN supplying power of AC 120V/60Hz, if any.
- 6) The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7) Analyzer / Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.
- 8) During the above scans, the emissions were maximized by cable manipulation.
- 9) The following test mode(s) were scanned during the preliminary test:

| Preliminary Conducted Emission Test |           |                  |          |                                     |
|-------------------------------------|-----------|------------------|----------|-------------------------------------|
| Frequency Range Investigated        |           | 150KHz TO 30 MHz |          |                                     |
| Mode of operation                   | Date      | Report No.       | Data#    | Worst Mode                          |
| Idle Mode                           | 2014-04-2 | STS140334F4      | 1_(L, N) | <input type="checkbox"/>            |
| USB Mode                            | 2014-04-2 | STS140334F4      | 2_(L, N) | <input checked="" type="checkbox"/> |

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

### 6.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

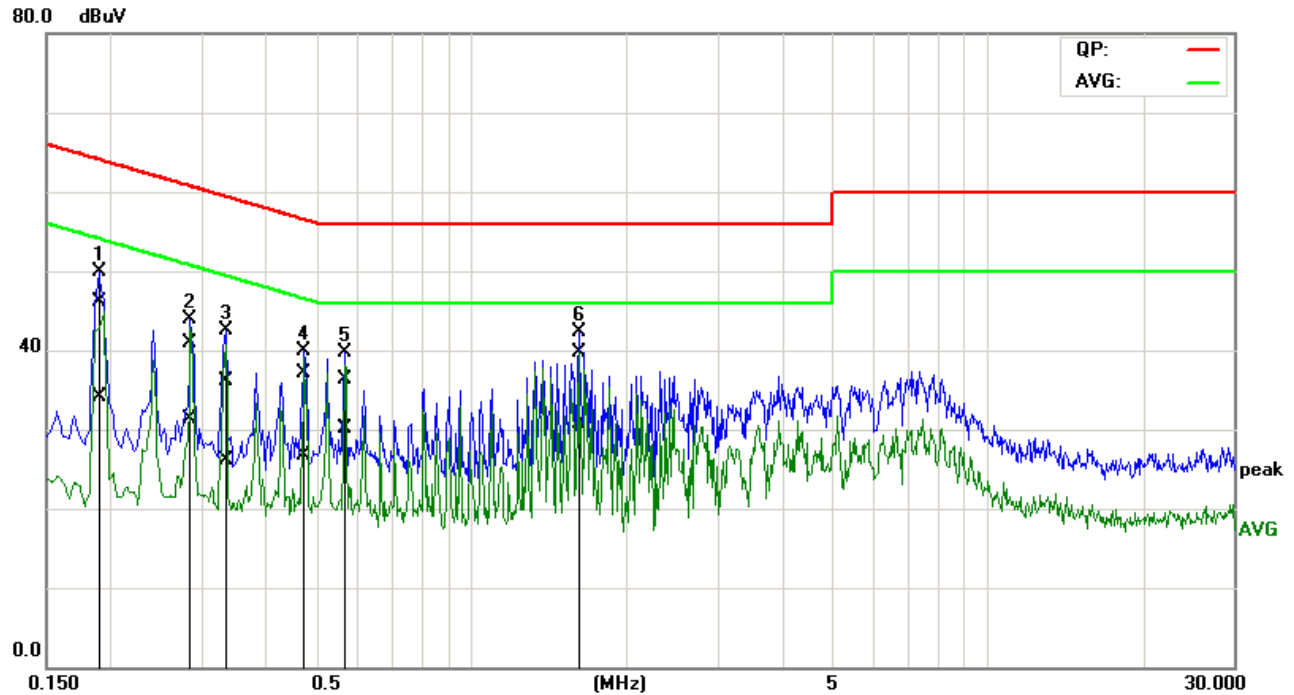
EUT and support equipment was set up on the test bench as per step 9 of the preliminary test.

A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less -2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.

The test data of the worst case condition(s) was reported on the Summary Data page.

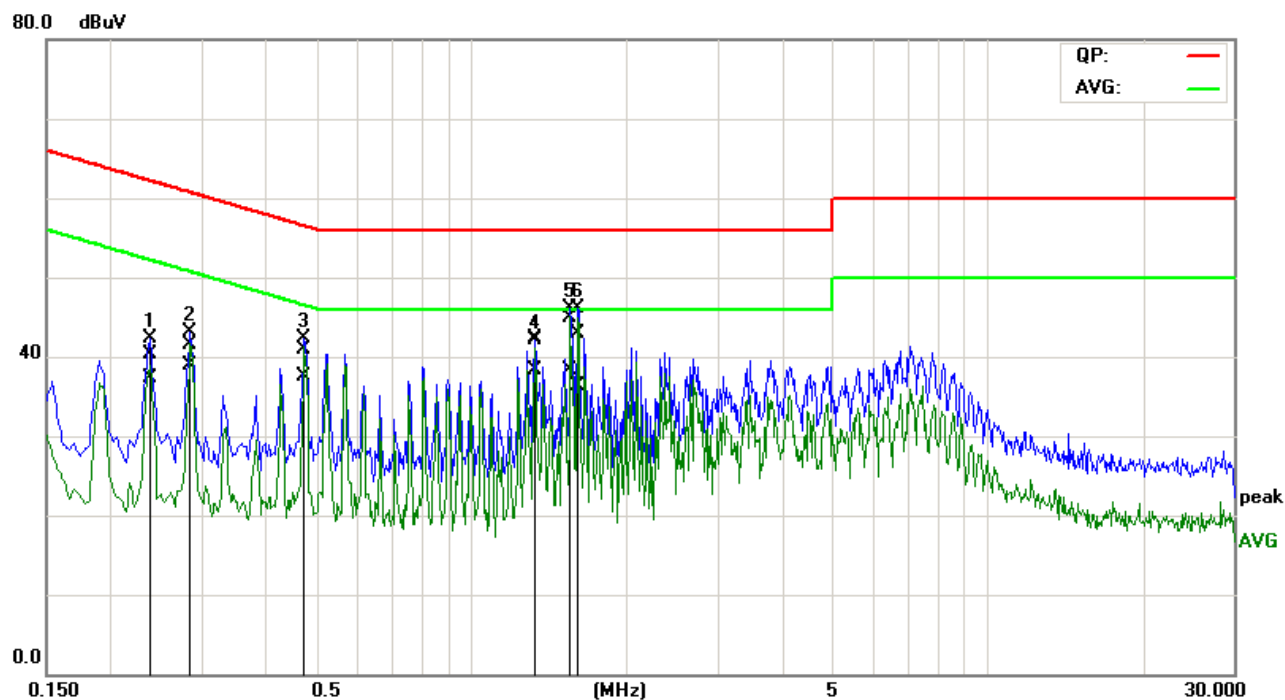
## 6.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

|              |                            |                   |              |
|--------------|----------------------------|-------------------|--------------|
| Job No.:     | C140327S03                 | Date:             | 2014-4-2     |
| Company:     | LINKUS                     | Time:             | 15:39:53     |
| Standard:    | FCC Class B Conduction(QP) | Temp.(C)/Hum.(%): | 22(C)/48%    |
| Test item:   | Conduction test            | Test By:          | Vincant.Peng |
| Line:        | L1                         | Test Voltage:     | AC 120V/60Hz |
| Model:       | NEW MADISON                |                   |              |
| Description: |                            |                   |              |



| No. | Frequency<br>(MHz) | QuasiPeak<br>reading<br>(dBuV) | Average<br>reading<br>(dBuV) | Correction<br>factor<br>(dB) | QuasiPeak<br>result<br>(dBuV) | Average<br>result<br>(dBuV) | QuasiPeak<br>limit<br>(dBuV) | Average<br>limit<br>(dBuV) | QuasiPeak<br>margin<br>(dB) | Average<br>margin<br>(dB) | Remark |
|-----|--------------------|--------------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|---------------------------|--------|
| 1   | 0.1903             | 26.39                          | 14.47                        | 19.64                        | 46.03                         | 34.11                       | 64.02                        | 54.02                      | -17.99                      | -19.91                    | Pass   |
| 2   | 0.2854             | 21.26                          | 11.68                        | 19.67                        | 40.93                         | 31.35                       | 60.66                        | 50.66                      | -19.73                      | -19.31                    | Pass   |
| 3   | 0.3340             | 16.38                          | 6.48                         | 19.70                        | 36.08                         | 26.18                       | 59.35                        | 49.35                      | -23.27                      | -23.17                    | Pass   |
| 4   | 0.4749             | 17.31                          | 6.83                         | 19.81                        | 37.12                         | 26.64                       | 56.43                        | 46.43                      | -19.31                      | -19.79                    | Pass   |
| 5   | 0.5709             | 16.46                          | 10.30                        | 19.83                        | 36.29                         | 30.13                       | 56.00                        | 46.00                      | -19.71                      | -15.87                    | Pass   |
| 6*  | 1.6166             | 19.79                          | 10.85                        | 19.90                        | 39.69                         | 30.75                       | 56.00                        | 46.00                      | -16.31                      | -15.25                    | Pass   |

|                     |                            |                          |              |
|---------------------|----------------------------|--------------------------|--------------|
| <b>Job No.:</b>     | C140327S03                 | <b>Date:</b>             | 2014-4-2     |
| <b>Company:</b>     | LINKUS                     | <b>Time:</b>             | 15:44:49     |
| <b>Standard:</b>    | FCC Class B Conduction(QP) | <b>Temp.(C)/Hum.(%):</b> | 22(C)/48%    |
| <b>Test item:</b>   | Conduction test            | <b>Test By:</b>          | Vincant.Peng |
| <b>Line:</b>        | L2                         | <b>Test Voltage:</b>     | AC 120V/60Hz |
| <b>Model:</b>       | NEW MADISON                |                          |              |
| <b>Description:</b> |                            |                          |              |



| No. | Frequency<br>(MHz) | QuasiPeak<br>reading<br>(dBuV) | Average<br>reading<br>(dBuV) | Correction<br>factor<br>(dB) | QuasiPeak<br>result<br>(dBuV) | Average<br>result<br>(dBuV) | QuasiPeak<br>limit<br>(dBuV) | Average<br>limit<br>(dBuV) | QuasiPeak<br>margin<br>(dB) | Average<br>margin<br>(dB) | Remark |
|-----|--------------------|--------------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|---------------------------|--------|
| 1   | 0.2384             | 20.60                          | 17.66                        | 19.67                        | 40.27                         | 37.33                       | 62.15                        | 52.15                      | -21.88                      | -14.82                    | Pass   |
| 2   | 0.2857             | 21.74                          | 19.23                        | 19.70                        | 41.44                         | 38.93                       | 60.65                        | 50.65                      | -19.21                      | -11.72                    | Pass   |
| 3   | 0.4770             | 20.99                          | 17.73                        | 19.83                        | 40.82                         | 37.56                       | 56.39                        | 46.39                      | -15.57                      | -8.83                     | Pass   |
| 4   | 1.3322             | 22.51                          | 18.36                        | 19.87                        | 42.38                         | 38.23                       | 56.00                        | 46.00                      | -13.62                      | -7.77                     | Pass   |
| 5*  | 1.5678             | 24.97                          | 18.36                        | 19.91                        | 44.88                         | 38.27                       | 56.00                        | 46.00                      | -11.12                      | -7.73                     | Pass   |
| 6   | 1.6100             | 23.07                          | 16.45                        | 19.91                        | 42.98                         | 36.36                       | 56.00                        | 46.00                      | -13.02                      | -9.64                     | Pass   |

## 7. RADIATED EMISSION TEST

### 7.1. LIMITS OF RADIATED DISTURBANCES AT 3M DISTANCES FOR CLASS B

According to FCC section 15.109, except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

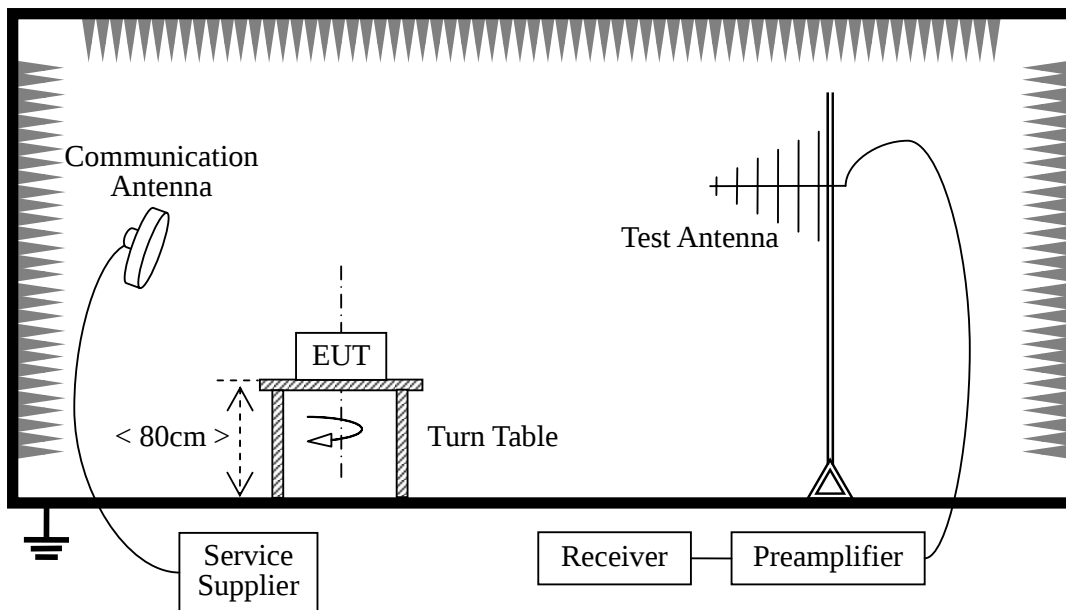
| Frequency (MHz) | Field Strength ( $\mu\text{V/m}$ ) | Measurement Distance (m) |
|-----------------|------------------------------------|--------------------------|
| 30 - 88         | 100                                | 3                        |
| 88 - 216        | 150                                | 3                        |
| 216 - 960       | 200                                | 3                        |
| Above 960       | 500                                | 3                        |

#### NOTE:

1. Field Strength ( $\text{dB}\mu\text{V/m}$ ) =  $20 \cdot \log[\text{Field Strength } (\mu\text{V/m})]$ .
2. In the emission tables above, the tighter limit applies at the band edges.

### 7.2 TEST DESCRIPTION

#### Test Setup:



The EUT is powered by the Battery charged with the AC Adapter which is powered by 120V, 60Hz AC mains supply. The Module is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading. During the measurement, the EUT is activated and transmitting with the other Bluetooth device (Supply by the Applicant) during the test.

For the Test Antenna:

(a) In the frequency range of 9 kHz to 30MHz, magnetic field is measured with Loop Test Antenna. The Test Antenna is positioned with its plane vertical at 1m distance from the EUT. The center of the Loop Test Antenna is 1m above the ground. During the measurement the Loop Test Antenna rotates about its vertical axis for maximum response at each azimuth about the EUT.

(b) In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength. The emission levels at both horizontal and vertical polarizations should be tested.

| Preliminary Radiated Emission Test |           |             |                    |                                     |
|------------------------------------|-----------|-------------|--------------------|-------------------------------------|
| Frequency Range Investigated       |           |             | 30 MHz TO 1000 MHz |                                     |
| Mode of operation                  | Date      | Report No.  | Data#              | Worst Mode                          |
| Idle Mode                          | 2014-04-2 | STS140334F4 | 1_(H, V)           | <input type="checkbox"/>            |
| USB Mode                           | 2014-04-2 | STS140334F4 | 2_(H, V)           | <input checked="" type="checkbox"/> |

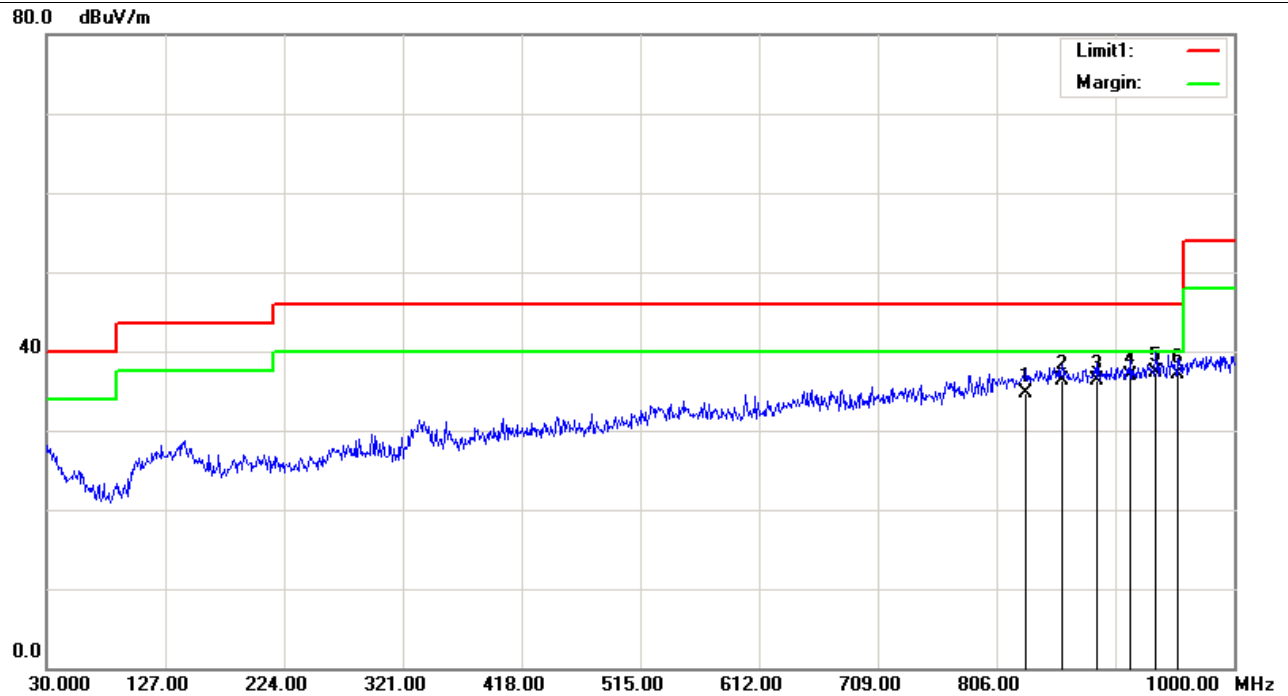
### **7.3 TEST RESULT**

#### **Form 9KHz to 30MHz:**

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

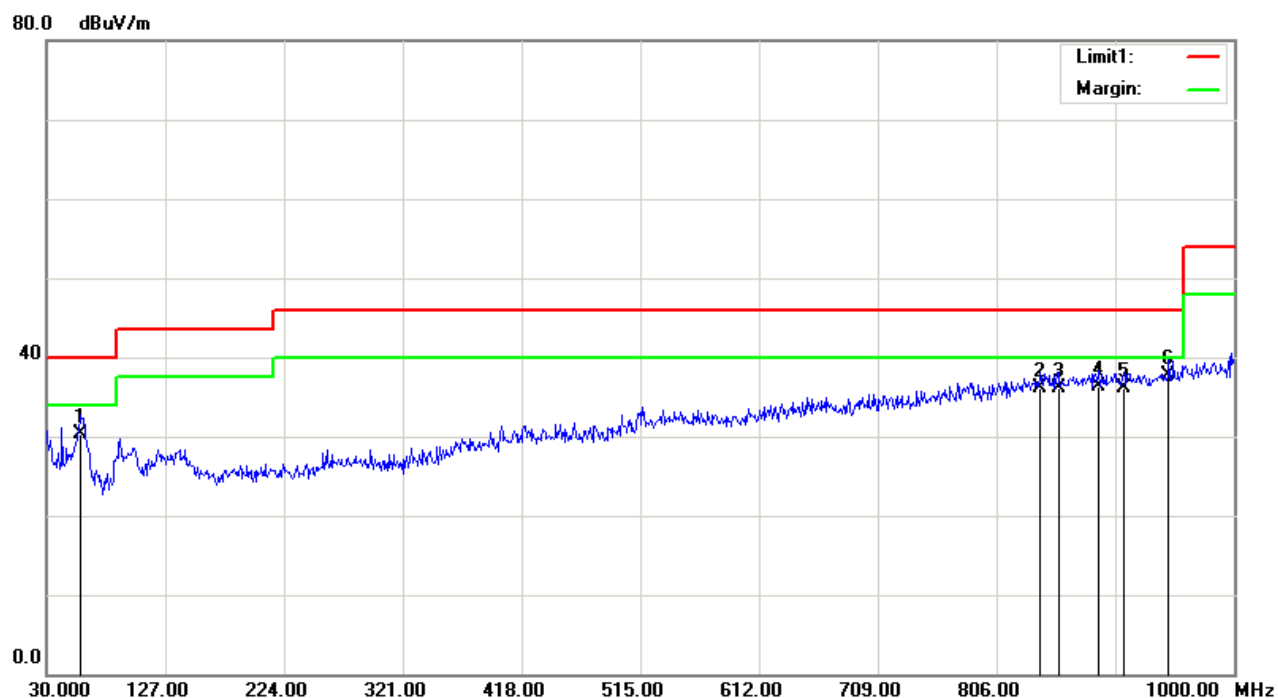
## Form 30MHz to 1000MHz:

|                     |                          |                |               |
|---------------------|--------------------------|----------------|---------------|
| Job No.:            | C140327S03               | Ant.Polar.:    | Horizontal    |
| Standard:           | FCC Class B 3M Radiation | Test Distance: | 3m            |
| Test item:          | Radiation Test           | Power:         | AC 120V/60Hz  |
| Temp.(C)/Hum.(%RH): | 25(C)/40%RH              | Date:2014-4-2  | Time:17:35:01 |
| Company:            | LINKUS                   | Test By:       | Fengwu.zhu    |
| Model:              | NEW MADISON              |                |               |
| Description:        |                          |                |               |



| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Height (cm) | Degree (deg.) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|-------------|---------------|--------|
| 1   | 830.2500        | 9.90           | 24.76                | 34.66           | 46.00          | -11.34      | 100         | 141           | QP     |
| 2   | 859.3500        | 10.77          | 25.44                | 36.21           | 46.00          | -9.79       | 200         | 152           | QP     |
| 3   | 888.4500        | 11.41          | 24.83                | 36.24           | 46.00          | -9.76       | 100         | 134           | QP     |
| 4   | 915.6100        | 11.40          | 25.42                | 36.82           | 46.00          | -9.18       | 300         | 139           | QP     |
| 5   | 935.9800        | 11.99          | 25.30                | 37.29           | 46.00          | -8.71       | 100         | 139           | QP     |
| 6   | 954.4100        | 11.02          | 26.14                | 37.16           | 46.00          | -8.84       | 200         | 311           | QP     |

|                     |                          |                |               |
|---------------------|--------------------------|----------------|---------------|
| Job No.:            | C140327S03               | Ant.Polar.:    | Vertical      |
| Standard:           | FCC Class B 3M Radiation | Test Distance: | 3m            |
| Test item:          | Radiation Test           | Power:         | AC 120V/60Hz  |
| Temp.(C)/Hum.(%RH): | 25(C)/40%RH              | Date:2014-4-2  | Time:17:37:16 |
| Company:            | LINKUS                   | Test By:       | Fengwu.zhu    |
| Model:              | NEW MADISON              |                |               |
| Description:        |                          |                |               |



| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Height (cm) | Degree (deg.) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|-------------|---------------|--------|
| 1   | 58.1300         | 22.28          | 8.09                 | 30.37           | 40.00          | -9.63       | 103         | 0             | QP     |
| 2   | 841.8900        | 11.05          | 25.14                | 36.19           | 46.00          | -9.81       | 200         | 78            | QP     |
| 3   | 856.4400        | 10.73          | 25.40                | 36.13           | 46.00          | -9.87       | 100         | 167           | QP     |
| 4   | 889.4200        | 11.43          | 24.87                | 36.30           | 46.00          | -9.70       | 300         | 321           | QP     |
| 5   | 909.7900        | 10.69          | 25.39                | 36.08           | 46.00          | -9.92       | 100         | 67            | QP     |
| 6   | 946.6500        | 11.98          | 25.66                | 37.64           | 46.00          | -8.36       | 200         | 274           | QP     |

**Form 1000MHz to 6000MHz:**

The low frequency, which started from 1000MHz to 6000MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

-----END OF REPORT-----