



TEST REPORT

No. I19Z60741-EMC01

LG Electronics USA, Inc.

Multi-band GSM/WCDMA/LTE phone with Bluetooth, WLAN

Model Name: LM-X120EMW, LMX120EMW, X120EMW

FCC ID: ZNFX120EMW

Issued Date: 2019-06-25



Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of CTTL.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Test Laboratory:

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REPORT HISTORY

| Report Number | Revision | Description | Issue Date |
|----------------------|-----------------|-------------------------|-------------------|
| I19Z60741-EMC01 | Rev.0 | 1 st edition | 2019-06-25 |

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1. Test Laboratory

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2005 accredited test laboratory under NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM (NVLAP) with lab code 600118-0, and is also an FCC accredited test laboratory (CN5017), and ISED accredited test laboratory (CN0066). The detail accreditation scope can be found on NVLAP website.

1.2. Testing Location

CTTL (BDA)

Address: No.18A, Kangding Street, Beijing Economic-Technology Development Area, Beijing, P. R. China 100176

1.3. Testing Environment

Normal Temperature: 15-35°C
Relative Humidity: 20-75%

1.4. Project data

Testing Start Date: 2019-05-17
Testing End Date: 2019-06-17

1.5. Signature



Li Yan

(Prepared this test report)



Zhang Ying

(Reviewed this test report)



Liu Baodian

Deputy Director of the laboratory
(Approved this test report)



2. Client Information

2.1. Applicant Information

Company Name: LG Electronics USA, Inc.
Address: 1000 Sylvan Avenue, Englewood Cliffs NJ 07632
City: /
Postal Code: /
Country: /
Contact: /
Email: /
Telephone: /

2.2. Manufacturer Information

Company Name: Jiaxing Youngrui Electron Technology Co., Ltd.
Address: NO.777 Yazhong Road, Daqiao Town, Nanhu District, Jiaxing
City,Zhejiang
City: /
Postal Code: /
Country: /
Contact: /
Email: /
Telephone: /

3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description Multi-band GSM/WCDMA/LTE phone with Bluetooth, WLAN
 Model Name LM-X120EMW, LMX120EMW, X120EMW
 FCC ID ZNFX120EMW
 Extreme vol. Limits 3.4VDC to 4.4VDC (nominal: 3.85VDC)

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of CTTL, Telecommunication Technology Labs, CAICT.

3.2. Internal Identification of EUT used during the test

| EUT ID* | SN or IMEI | Remarks |
|---------|------------|---------|
| EUT2 | / | / |

*EUT ID: is used to identify the test sample in the lab internally.

3.3. Internal Identification of AE used during the test

| AE ID* | Description | SN | Remarks |
|--------|-------------|----|---------|
| AE1 | Battery | / | / |
| AE2 | Charger | / | / |
| AE3 | USB cable | / | / |
| AE4 | Headset | / | / |

AE1

| | |
|-----------------|--|
| Model | BL-O1 |
| Manufacturer | Jiade Energy Technology(Zhuhai)Co.,Ltd |
| Capacitance | 3000mAh |
| Nominal voltage | 3.85V |

AE2

| | |
|-----------------|-----------|
| Model | MCS-V01WR |
| Manufacturer | Sunlin |
| Length of cable | / |

AE3

| | |
|-----------------|----------|
| Model | DC03WB-G |
| Manufacturer | Ningbo |
| Length of cable | / |

AE4

| | |
|-----------------|-------------|
| Model | EAB64468444 |
| Manufacturer | Cresyn |
| Length of cable | / |

Note: The USB cables are shielded.



3.4. EUT set-ups

| EUT set-up No. | Combination of EUT and AE | Remarks |
|-----------------------|----------------------------------|-------------------|
| Set.1 | EUT2+ AE1 + AE2+ AE3+ AE4 | Charger mode + FM |
| Set.2 | EUT2+ AE1 + AE3 | USB mode+MP3+GNSS |

Note: The model LM-X120EMW, LMX120EMW, X120EMW is a variant model based on LM-X120BMW, LMX120BMW, X120BMW, LM-X120HM, LMX120HM, X120HM, According to the declaration of changes provided by the applicant and FCC KDB publication 484596 D01, all results are cited from the initial model. The report number for initial model is I19Z60740-EMC01 (FCC ID: ZNFX120HM).



4. Reference Documents

4.1. Reference Documents for testing

The following documents listed in this section are referred for testing.

| Reference | Title | Version |
|------------------------|--|----------------|
| FCC Part 15, Subpart B | Radio frequency devices - Unintentional Radiators | 2016 |
| ANSI C63.4 | American National Standard for Methods of Measurement of Radio- Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz | 2014 |

Note: The test methods have no deviation with standards.

5. LABORATORY ENVIRONMENT

Semi-anechoic chamber SAC-1 (23 meters×17 meters×10 meters) did not exceed following limits along the EMC testing:

| | |
|---|---|
| Temperature | Min. = 15 °C, Max. = 35 °C |
| Relative humidity | Min. = 15 %, Max. = 75 % |
| Shielding effectiveness | 0.014MHz - 1MHz, >60dB; 1MHz - 1000MHz, >90dB. |
| Electrical insulation | > 2 MΩ |
| Ground system resistance | < 4Ω |
| Normalised site attenuation (NSA) | < ± 4 dB, 3m/10m distance, from 30 to 1000 MHz |
| Site voltage standing-wave ratio (S_{VSWR}) | Between 0 and 6 dB, from 1GHz to 18GHz |
| Uniformity of field strength | Between 0 and 6 dB, from 80 to 3000 MHz |

Semi-anechoic chamber SAC-2 (10 meters×6.7meters×6.1meters) did not exceed following limits along the EMC testing:

| | |
|---|---|
| Temperature | Min. = 15 °C, Max. = 35 °C |
| Relative humidity | Min. = 15 %, Max. = 75 % |
| Shielding effectiveness | 0.014MHz - 1MHz, >60dB; 1MHz - 1000MHz, >90dB. |
| Electrical insulation | > 2 MΩ |
| Ground system resistance | < 4 Ω |
| Normalised site attenuation (NSA) | < ± 4 dB, 3m distance, from 30 to 1000 MHz |
| Site voltage standing-wave ratio (S_{VSWR}) | Between 0 and 6 dB, from 1GHz to 18GHz |
| Uniformity of field strength | Between 0 and 6 dB, from 80 to 3000 MHz |

Shielded room did not exceed following limits along the EMC testing:

| | |
|--------------------------|---|
| Temperature | Min. = 15 °C, Max. = 35 °C |
| Relative humidity | Min. = 20 %, Max. = 75 % |
| Shielding effectiveness | 0.014MHz-1MHz, >60dB; 1MHz—1000MHz, >90dB. |
| Electrical insulation | > 2 MΩ |
| Ground system resistance | < 4 Ω |



6. SUMMARY OF TEST RESULTS

| Abbreviations used in this clause: | | |
|------------------------------------|----|---|
| Verdict Column | P | Pass |
| | NA | Not applicable |
| | F | Fail |
| | BR | Re-use test data from basic model report. |

| Items | Test Name | Clause in FCC rules | Section in this report | Verdict | Test Location |
|-------|--------------------|---------------------|------------------------|---------|---------------|
| 1 | Radiated Emission | 15.109(a) | A.1 | BR | CTTL(BDA) |
| 2 | Conducted Emission | 15.107(a) | A.2 | BR | CTTL(BDA) |

7. Test Equipments Utilized

| NO. | Description | TYPE | SERIES NUMBER | MANUFACTURE | CAL DUE DATE | CALIBRATION INTERVAL |
|-----|--------------------------------------|----------|---------------|--------------|--------------|----------------------|
| 1 | Test Receiver | ESU26 | 100376 | R&S | 2019-11-27 | 1 year |
| 2 | Test Receiver | ESCI | 100766 | R&S | 2020-03-20 | 1 year |
| 3 | Universal Radio Communication Tester | CMW500 | 159408 | R&S | 2020-03-03 | 1 year |
| 4 | LISN | ESH3-Z5 | 825562/028 | R&S | 2019-08-22 | 1 year |
| 5 | EMI Antenna | VULB9163 | 9163-482 | Schwarzbeck | 2019-09-21 | 1 year |
| 6 | EMI Antenna | 3117 | 00139065 | ETS-Lindgren | 2019-10-15 | 1 year |
| 7 | Signal Generator | SMF100A | 101295 | R&S | 2019-11-27 | 1 year |
| 8 | Printer | P1606dn | VNC3L52122 | HP | N/A | N/A |
| 9 | Keyboard | KU-1601 | 2048361 | Lenovo | N/A | N/A |
| 10 | Mouse | EMS-537A | 8021S3MC | Lenovo | N/A | N/A |

| Test Item | Test Software and Version | Software Vendor |
|------------------------------|---------------------------|-----------------|
| Radiated Continuous Emission | EMC32 V9.01 | R&S |
| Conducted Emission | EMC32 V8.52.0 | R&S |

ANNEX A: MEASUREMENT RESULTS

A.1 Radiated Emission

Reference

FCC: CFR Part 15.109(a).

A.1.1 Method of measurement

The field strength of radiated emissions from the unintentional radiator (USB mode of MS and charging mode of MS) at distances of 3 meters(for 30MHz-1GHz) and 3 meters (for above 1GHz) is tested. Tested in accordance with the procedures of ANSI C63.4 – 2014, section 8.3.

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3/10 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

A.1.2 EUT Operating Mode

The MS is operating in the USB mode and charging mode. During the test MS is connected to a PC via a USB cable in the case of USB mode and is connected to a charger in the case of charging mode. During the charging mode the FM application is started up. During the USB mode The EUT is keeping on playing MP3 and the GNSS application is started up. The model of the PC is Lenovo M4000e-17, and the serial number of the PC is M706RMW2. The software is used to let the PC keep on copying data to MS, reading and erasing the data after copy action was finished.

Note: I/O information: Printer – USB, Mouse – PS/2, Keyboard – USB.

A.1.3 Measurement Limit

| Frequency range (MHz) | Field strength limit ($\mu\text{V}/\text{m}$) | | |
|-----------------------|---|---------|------|
| | Quasi-peak | Average | Peak |
| 30-88 | 100 | | |
| 88-216 | 150 | | |
| 216-960 | 200 | | |
| 960-1000 | 500 | | |
| >1000 | | 500 | 5000 |

Note: the above limit is for 3 meters test distance. 10 meters' limit is got by converting.

A.1.4 Test Condition

| Frequency range (MHz) | RBW/VBW | Sweep Time (s) | Detector |
|-----------------------|-----------------------|----------------|-----------------|
| 30-1000 | 120kHz (IF Bandwidth) | 5 | Peak/Quasi-peak |
| Above 1000 | 1MHz/1MHz | 15 | Peak, Average |

A.1.5 Measurement Results

A "reference path loss" is established and the A_{Rpl} is the attenuation of "reference path loss". It includes the antenna factor of receive antenna and the path loss.

The measurement results are obtained as described below:

$$\text{Result} = P_{\text{Mea}} + A_{\text{Rpl}} = P_{\text{Mea}} + G_A + G_{\text{PL}}$$

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

Measurement uncertainty (worst case): 30MHz-1GHz: 5.40dB, 1GHz-18GHz: 4.32dB, $k=2$.

Measurement results for Set.1:

Charging Mode+ FM /Average detector

| Frequency (MHz) | Measurement Result (dB μ V/m) | Cable loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dB μ V) | Limit (dB μ V/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------------|-----------------|-----------------------|-------------------------------|----------------------|-------------|--------------------|
| 17090.500 | 38.85 | -26.1 | 41.6 | 23.36 | 54.0 | 15.2 | H |
| 17090.000 | 38.84 | -26.1 | 41.6 | 23.36 | 54.0 | 15.2 | V |
| 17984.500 | 38.83 | -25.8 | 41.3 | 23.36 | 54.0 | 15.2 | V |
| 17105.500 | 38.83 | -26.0 | 41.6 | 23.26 | 54.0 | 15.2 | V |
| 17097.000 | 38.82 | -26.1 | 41.6 | 23.30 | 54.0 | 15.2 | H |
| 17051.500 | 38.81 | -26.4 | 41.6 | 23.54 | 54.0 | 15.2 | V |

Charging Mode+ FM /Peak detector

| Frequency (MHz) | Measurement Result (dB μ V/m) | Cable loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dB μ V) | Limit (dB μ V/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------------|-----------------|-----------------------|-------------------------------|----------------------|-------------|--------------------|
| 17914.500 | 51.8 | -26.1 | 41.3 | 36.65 | 74.0 | 22.2 | V |
| 17072.000 | 51.5 | -26.2 | 41.6 | 36.11 | 74.0 | 22.5 | H |
| 16677.000 | 51.1 | -26.6 | 41.4 | 36.27 | 74.0 | 22.9 | H |
| 17085.000 | 50.8 | -26.2 | 41.6 | 35.35 | 74.0 | 23.2 | V |
| 17999.500 | 50.8 | -25.9 | 41.3 | 35.38 | 74.0 | 23.2 | V |
| 17989.000 | 50.8 | -25.8 | 41.3 | 35.32 | 74.0 | 23.2 | V |

Measurement results for Set.2:

USB Mode +MP3+GNSS /Average detector

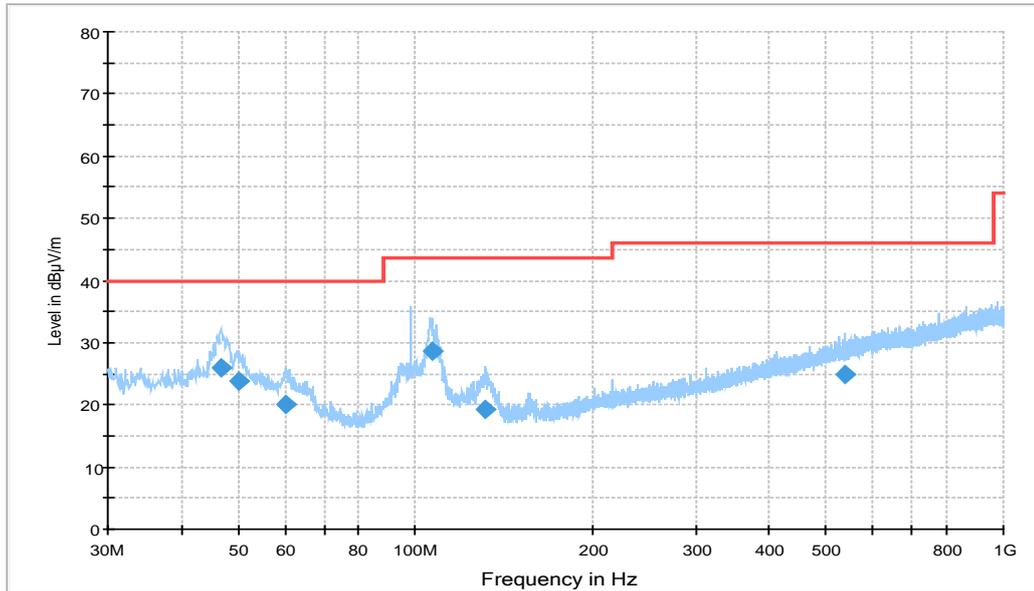
| Frequency (MHz) | Measurement Result (dBμV/m) | Cable loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBμV) | Limit (dBμV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17107.000 | 39.08 | -26.0 | 41.6 | 23.51 | 54.0 | 14.9 | V |
| 17090.500 | 38.91 | -26.1 | 41.6 | 23.42 | 54.0 | 15.1 | V |
| 17101.000 | 38.86 | -26.1 | 41.6 | 23.32 | 54.0 | 15.1 | H |
| 17108.500 | 38.85 | -26.0 | 41.6 | 23.27 | 54.0 | 15.1 | V |
| 17093.500 | 38.85 | -26.1 | 41.6 | 23.35 | 54.0 | 15.1 | H |
| 17106.000 | 38.85 | -26.0 | 41.6 | 23.28 | 54.0 | 15.2 | H |

USB Mode +MP3+GNSS /Peak detector

| Frequency (MHz) | Measurement Result (dBμV/m) | Cable loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBμV) | Limit (dBμV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 3595.500 | 56.98 | -35.3 | 33.2 | 59.07 | 74.0 | 17.0 | H |
| 3590.500 | 53.81 | -35.2 | 33.2 | 55.86 | 74.0 | 20.2 | H |
| 17045.500 | 52.24 | -26.4 | 41.7 | 37.00 | 74.0 | 21.8 | H |
| 3591.000 | 51.73 | -35.2 | 33.2 | 53.78 | 74.0 | 22.3 | H |
| 17130.500 | 51.70 | -26.1 | 41.6 | 36.19 | 74.0 | 22.3 | V |
| 17858.500 | 51.60 | -26.4 | 41.3 | 36.68 | 74.0 | 22.4 | H |

Charging Mode + FM, Set.1

15B RE 30MHz-1GHz



Note: the spike (98MHz) is coming from FM signal source.

Figure A.1 Radiated Emission from 30MHz to 1GHz

Final Result 1

| Frequency (MHz) | QuasiPeak (dBµV/m) | Height (cm) | Polarization | Azimuth (deg) | Corr. (dB) | Margin (dB) | Limit (dBµV/m) |
|-----------------|--------------------|-------------|--------------|---------------|------------|-------------|----------------|
| 46.684000 | 25.9 | 100.0 | V | 66.0 | 0.1 | 14.1 | 40.0 |
| 49.982000 | 23.9 | 100.0 | V | 252.0 | 0.1 | 16.1 | 40.0 |
| 60.167000 | 20.2 | 125.0 | V | 62.0 | -0.9 | 19.8 | 40.0 |
| 106.63000 | 28.5 | 100.0 | V | 246.0 | -1.4 | 15.0 | 43.5 |
| 131.94700 | 19.2 | 100.0 | V | 173.0 | -4.3 | 24.3 | 43.5 |
| 539.54100 | 24.8 | 100.0 | V | 297.0 | 6.6 | 21.2 | 46.0 |

15B RE - 1GHz-3GHz

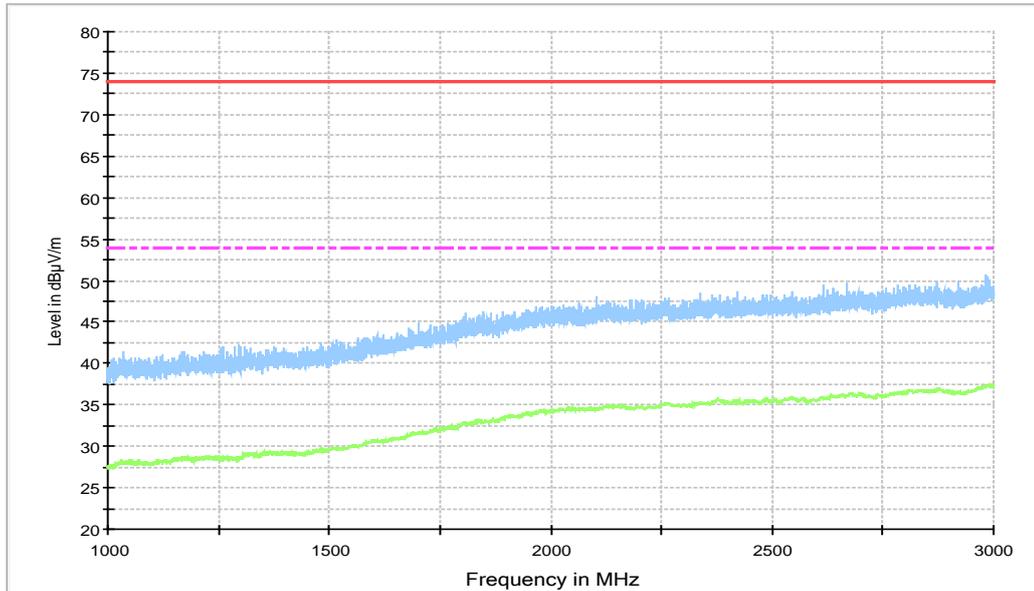


Figure A.2 Radiated Emission from 1GHz to 3GHz

15b RE - 3GHz-18GHz

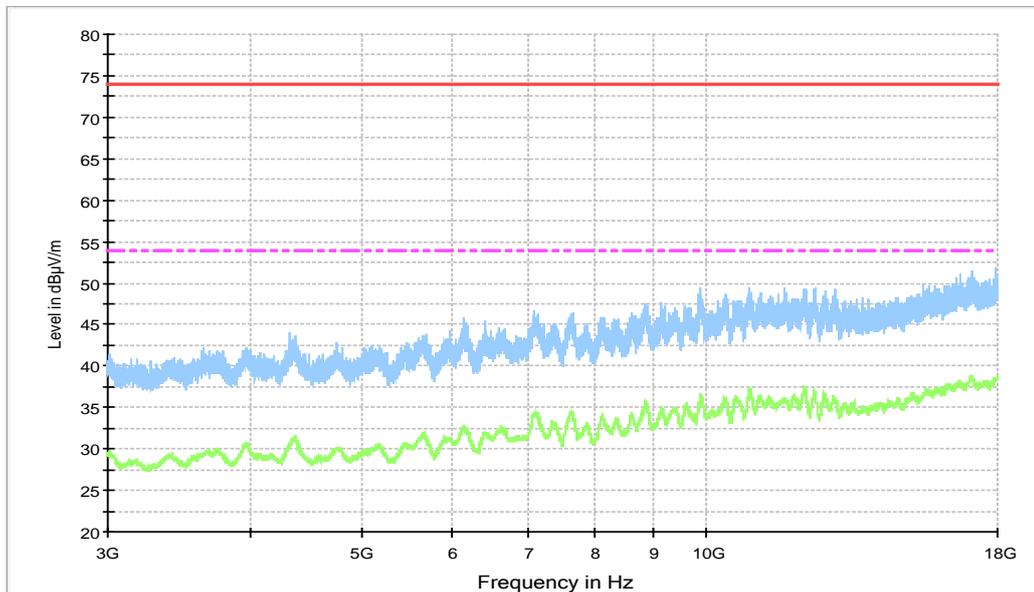


Figure A.3 Radiated Emission from 3GHz to 18GHz

USB Mode +MP3+GNSS, Set.2

15B RE 30MHz-1GHz

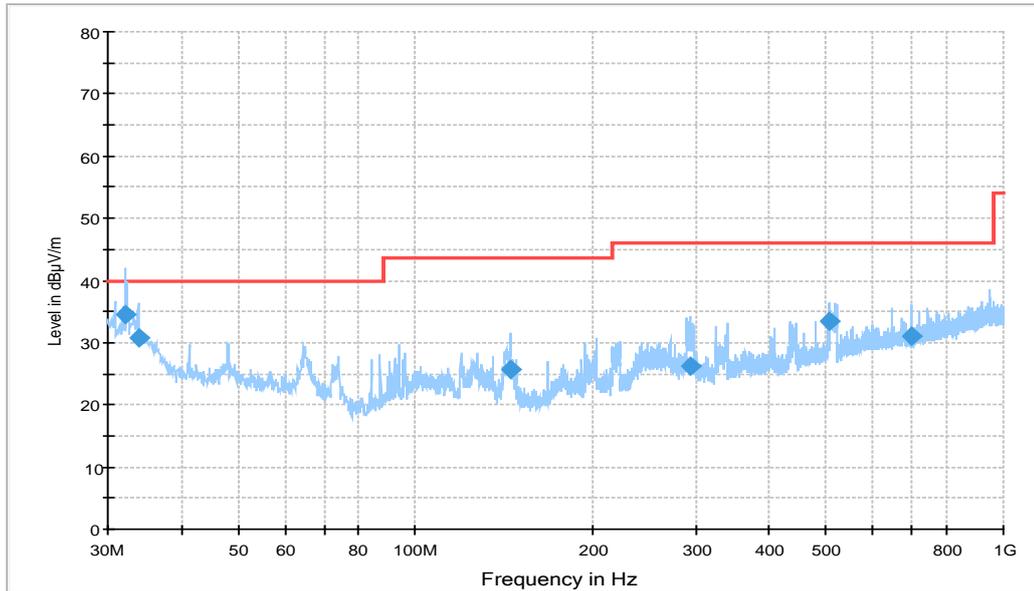


Figure A.4 Radiated Emission from 30MHz to 1GHz

Final Result 1

| Frequency (MHz) | QuasiPeak (dBµV/m) | Height (cm) | Polarization | Azimuth (deg) | Corr. (dB) | Margin (dB) | Limit (dBµV/m) |
|-----------------|--------------------|-------------|--------------|---------------|------------|-------------|----------------|
| 32.134000 | 34.4 | 100.0 | V | 45.0 | -1.9 | 5.6 | 40.0 |
| 33.783000 | 30.8 | 100.0 | V | 119.0 | -1.4 | 9.2 | 40.0 |
| 144.84800 | 25.7 | 100.0 | V | 149.0 | -5.0 | 17.8 | 43.5 |
| 292.67600 | 26.3 | 110.0 | H | -18.0 | 0.0 | 19.7 | 46.0 |
| 506.65800 | 33.3 | 100.0 | V | 228.0 | 5.9 | 12.7 | 46.0 |
| 696.68100 | 31.1 | 100.0 | V | 13.0 | 8.4 | 14.9 | 46.0 |

15B RE - 1GHz-3GHz

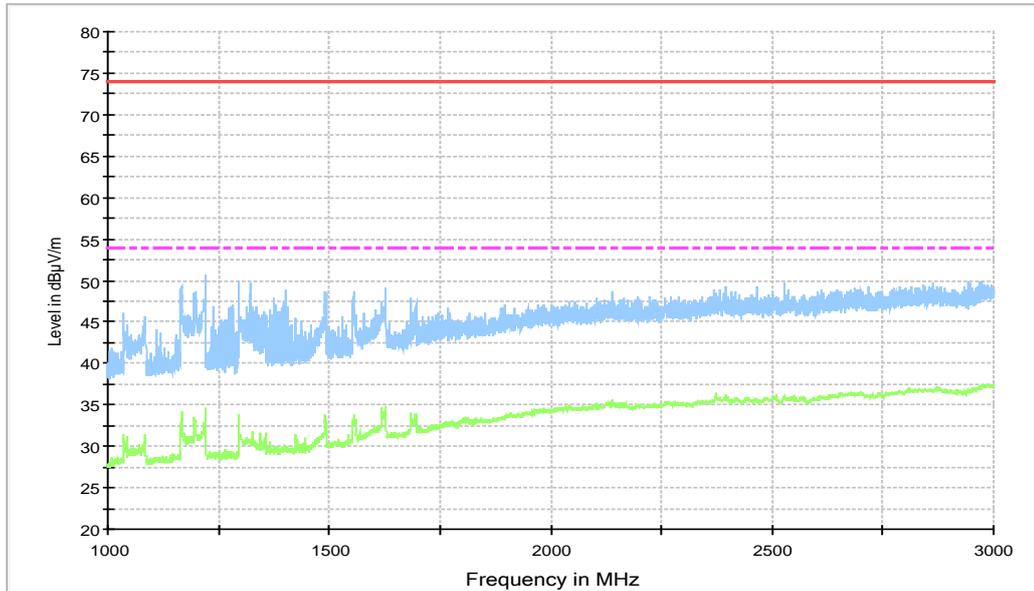


Figure A.5 Radiated Emission from 1GHz to 3GHz

15b RE - 3GHz-18GHz

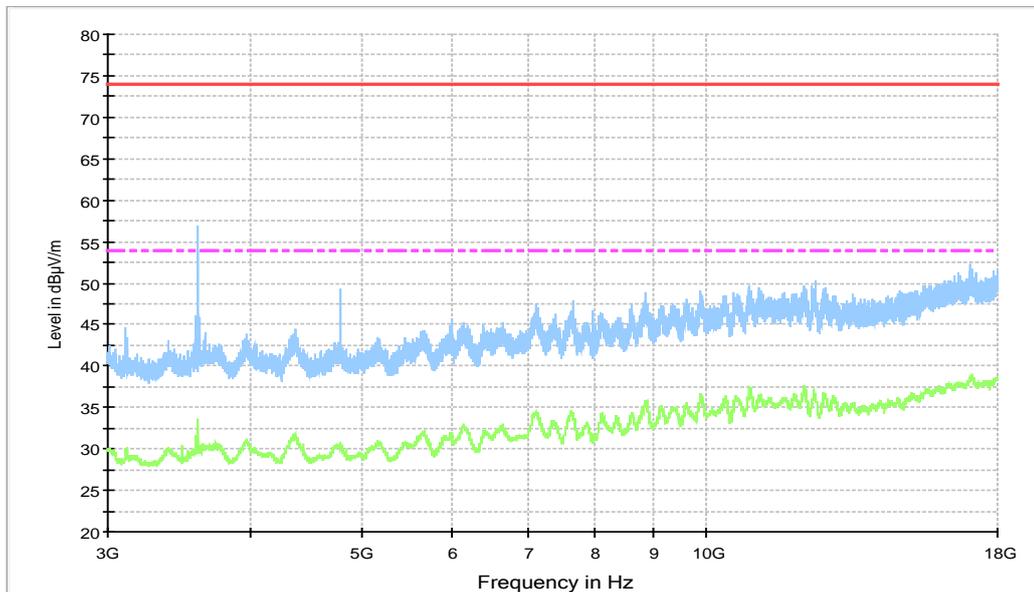


Figure A.6 Radiated Emission from 3GHz to 18GHz

A.2 Conducted Emission

Reference

FCC: CFR Part 15.107(a).

A.2.1 Method of measurement

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits. Tested in accordance with the procedures of ANSI C63.4 – 2014, section 7.3.

A.2.2 EUT Operating Mode

The MS is operating in the USB mode and charging mode. During the test MS is connected to a PC via a USB cable in the case of USB mode and is connected to a charger in the case of charging mode. During the charging mode the FM application is started up. During the USB mode the EUT is keeping on playing MP3 and the GNSS application is started up. The model of the PC is Lenovo M4000e-17, and the serial number of the PC is M706RMW2. The software is used to let the PC keep on copying data to MS, reading and erasing the data after copy action was finished.

Note: I/O information: Printer – USB, Mouse – PS/2, Keyboard – USB.

A.2.3 Measurement Limit

| Frequency of emission (MHz) | Conducted limit (dB μ V) | |
|-----------------------------|------------------------------|-----------|
| | Quasi-peak | Average |
| 0.15-0.5 | 66 to 56* | 56 to 46* |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

*Decreases with the logarithm of the frequency

A.2.4 Test Condition in charging mode

| Voltage (V) | Frequency (Hz) |
|-------------|----------------|
| 120 | 60 |

| RBW/IF bandwidth | Sweep Time(s) |
|------------------|---------------|
| 9kHz | 1 |

A.2.5 Measurement Results

Measurement uncertainty: $U= 3.10$ dB, $k=2$.

Charging Mode + FM, Set.1

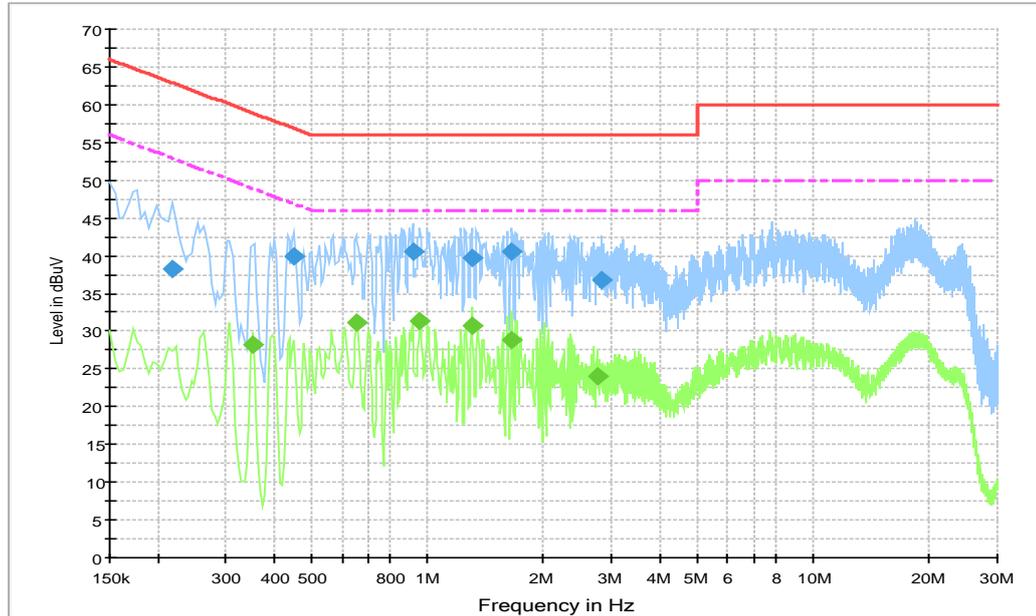


Figure A.7 Conducted Emission

Final Result 1

| Frequency (MHz) | QuasiPeak (dBµV) | Meas. Time (ms) | Bandwidth (kHz) | PE | Line | Corr. (dB) | Margin (dB) | Limit (dBµV) |
|-----------------|------------------|-----------------|-----------------|-----|------|------------|-------------|--------------|
| 0.217500 | 38.2 | 10000.0 | 9.000 | GND | L1 | 10.3 | 24.8 | 62.9 |
| 0.451500 | 39.9 | 10000.0 | 9.000 | GND | L1 | 10.3 | 16.9 | 56.8 |
| 0.915000 | 40.6 | 10000.0 | 9.000 | GND | L1 | 10.4 | 15.4 | 56.0 |
| 1.306500 | 39.7 | 10000.0 | 9.000 | GND | L1 | 10.4 | 16.3 | 56.0 |
| 1.653000 | 40.5 | 10000.0 | 9.000 | GND | L1 | 10.4 | 15.5 | 56.0 |
| 2.823000 | 36.8 | 10000.0 | 9.000 | GND | L1 | 10.5 | 19.2 | 56.0 |

Final Result 2

| Frequency (MHz) | Average (dBµV) | Meas. Time (ms) | Bandwidth (kHz) | PE | Line | Corr. (dB) | Margin (dB) | Limit (dBµV) |
|-----------------|----------------|-----------------|-----------------|-----|------|------------|-------------|--------------|
| 0.352500 | 28.1 | 10000.0 | 9.000 | GND | L1 | 10.3 | 20.8 | 48.9 |
| 0.658500 | 31.1 | 10000.0 | 9.000 | GND | L1 | 10.3 | 14.9 | 46.0 |
| 0.955500 | 31.4 | 10000.0 | 9.000 | GND | L1 | 10.4 | 14.6 | 46.0 |
| 1.306500 | 30.6 | 10000.0 | 9.000 | GND | L1 | 10.4 | 15.4 | 46.0 |
| 1.657500 | 28.8 | 10000.0 | 9.000 | GND | L1 | 10.4 | 17.2 | 46.0 |
| 2.751000 | 24.0 | 10000.0 | 9.000 | GND | L1 | 10.5 | 22.0 | 46.0 |

.USB Mode +MP3+GNSS, Set.2

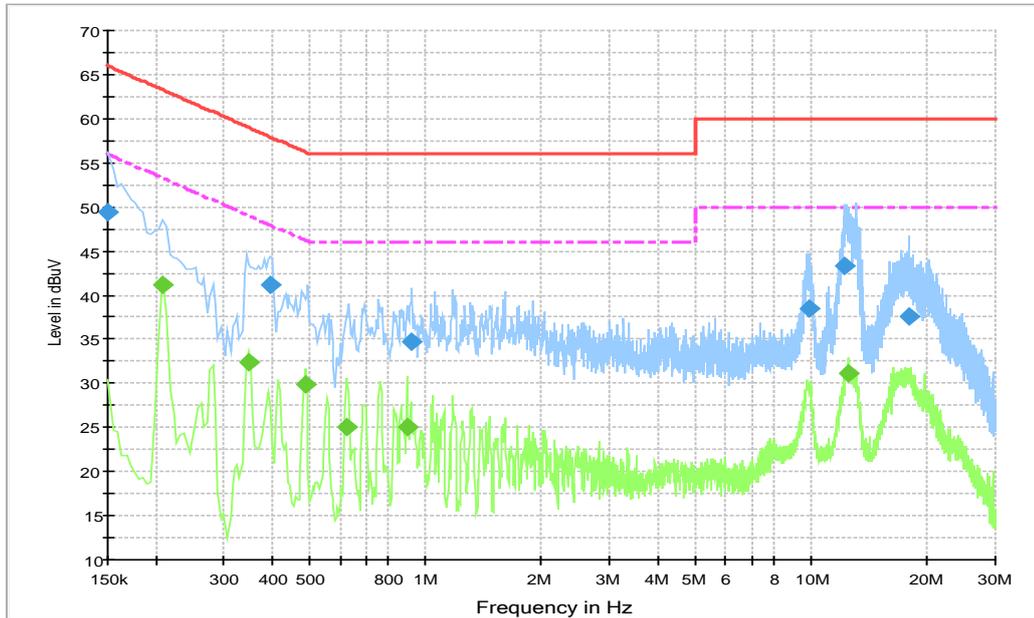


Figure A.8 Conducted Emission

Final Result 1

| Frequency (MHz) | QuasiPeak (dBµV) | Meas. Time (ms) | Bandwidth (kHz) | PE | Line | Corr. (dB) | Margin (dB) | Limit (dBµV) |
|-----------------|------------------|-----------------|-----------------|-----|------|------------|-------------|--------------|
| 0.150000 | 49.4 | 10000.0 | 9.000 | GND | N | 10.3 | 16.6 | 66.0 |
| 0.397500 | 41.2 | 10000.0 | 9.000 | GND | L1 | 10.3 | 16.7 | 57.9 |
| 0.924000 | 34.7 | 10000.0 | 9.000 | GND | N | 10.4 | 21.3 | 56.0 |
| 9.820500 | 38.5 | 10000.0 | 9.000 | GND | L1 | 10.8 | 21.5 | 60.0 |
| 12.255000 | 43.3 | 10000.0 | 9.000 | GND | N | 10.9 | 16.7 | 60.0 |
| 17.862000 | 37.7 | 10000.0 | 9.000 | GND | L1 | 11.3 | 22.3 | 60.0 |

Final Result 2

| Frequency (MHz) | Average (dBµV) | Meas. Time (ms) | Bandwidth (kHz) | PE | Line | Corr. (dB) | Margin (dB) | Limit (dBµV) |
|-----------------|----------------|-----------------|-----------------|-----|------|------------|-------------|--------------|
| 0.208500 | 41.1 | 10000.0 | 9.000 | GND | N | 10.3 | 12.1 | 53.3 |
| 0.348000 | 32.3 | 10000.0 | 9.000 | GND | N | 10.3 | 16.7 | 49.0 |
| 0.487500 | 29.8 | 10000.0 | 9.000 | GND | N | 10.3 | 16.4 | 46.2 |
| 0.622500 | 25.0 | 10000.0 | 9.000 | GND | N | 10.3 | 21.0 | 46.0 |
| 0.897000 | 25.0 | 10000.0 | 9.000 | GND | N | 10.4 | 21.0 | 46.0 |
| 12.489000 | 31.0 | 10000.0 | 9.000 | GND | N | 10.9 | 19.0 | 50.0 |



ANNEX B: Persons involved in this testing

| Test Item | Tester |
|--------------------|--------------|
| Radiated Emission | Li Zongliang |
| Conducted Emission | Guo Qian |

*****END OF REPORT*****