

# FCC CERTIFICATION TEST REPORT

Report No.: DDT-B21120602-1E04

|                             |   |  |
|-----------------------------|---|--|
| <b>Applicant</b>            | : | LG Electronics USA, Inc.   |
| <b>Address</b>              | : | 1000 Sylvan Ave. Englewood Cliffs, New Jersey,<br>United States 07632                              |
| <b>Equipment under Test</b> | : | Mobile Handset   |
| <b>Model No.</b>            | : | LM-X430EMW   |
| <b>Trade Mark</b>           | : | LG   |
| <b>FCC ID</b>               | : | ZNFX430EMW   |
| <b>Manufacturer</b>         | : | Huaqin Telecom Technology Co., Ltd.  |
| <b>Address</b>              | : | No.1 Building, No.9 Building, No.399, Keyuan Road,<br>Zhangjiang Hi-tech Park, Shanghai, P.R.China |

**Issued By:** Tianjin Dongdian Testing Service Co., Ltd.

**Address:** Building D-1, No. 19, Weisi Road, Microelectronics Industrial Park  
Development Area, Tianjin, China.

Tel: +86-22-58038033, E-mail: ddt@dgddt.com, <http://www.ddttest.com>



# REPORT

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## Test Report Declare

|                             |   |  |
|-----------------------------|---|--|
| <b>Applicant</b>            | : | LG Electronics USA, Inc.   |
| <b>Address</b>              | : | 1000 Sylvan Ave. Englewood Cliffs, New Jersey, United States<br>07632                              |
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| <b>Trade Mark</b>           | : | LG   |
| <b>Manufacturer</b>         | : | Huaqin Telecom Technology Co., Ltd.  |
| <b>Address</b>              | : | No.1 Building, No.9 Building, No.399, Keyuan Road, Zhangjiang<br>Hi-tech Park, Shanghai, P.R.China |

### Test Standard Used:

FCC Rules and Regulations Part 15 Subpart C.

### Test Procedure Used:

ANSI C63.10:2013, 558074 D01 15.247 Meas Guidance v05r02

### We Declare:

The equipment described above is tested by Tianjin Dongdian Testing Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Tianjin Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

**After test and evaluation, our opinion is that the equipment provided for test compliance with the requirement of the above FCC standards.**

|                         |                    |                      |                               |
|-------------------------|--------------------|----------------------|-------------------------------|
| <b>Report No.:</b>      | DDT-B21120602-1E04 |                      |                               |
| <b>Date of Receipt:</b> | Dec. 06, 2021      | <b>Date of Test:</b> | Dec. 06, 2021 ~ Dec. 14, 2021 |

**Prepared By:**

*Sunny Zhang*

**Sunny Zhang/Engineer**

**Approved By:**

*Aaron Zhang*

**Aaron Zhang/EMC Manager**



Note: This report applies to above tested sample only. This report shall not be reproduced or used for other parts without written approval of Tianjin Dongdian Testing Service Co., Ltd.

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.

## Revision History

| Rev. | Revisions     | Issue Date    | Revised By |
|------|---------------|---------------|------------|
| ---  | Initial issue | Dec. 14, 2021 |            |
|      |               |               |            |

## 1. Summary of Test Results

| The EUT have been tested according to the applicable standards as referenced below.   |  |                   |
|---|--|-------------------|
| Description of Test Item  | Standard   | Verdict           |
| 6dB Bandwidth and 99% Bandwidth   | FCC 15.247 (a) (2)<br>ANSI C63.10:2013                         | Pass <sup>1</sup> |
| Maximum Conducted Output Power  | FCC 15.247 (b) (3)<br>ANSI C63.10:2013                         | Pass <sup>2</sup> |
| Power Spectral Density  | FCC 15.247 (e)<br>ANSI C63.10:2013                             | Pass <sup>1</sup> |
| Band-edge and Spurious Emissions<br>(Conducted)   | FCC 15.247 (d)<br>ANSI C63.10:2013                             | Pass <sup>1</sup> |
| Radiated Spurious Emissions   | FCC 15.247 (d)<br>FCC 15.209<br>FCC 15.205<br>ANSI C63.10:2013 | Pass <sup>2</sup> |
| Radiated Band Edge Compliance   | FCC 15.247 (d)<br>FCC 15.209<br>FCC 15.205<br>ANSI C63.10:2013 | Pass <sup>2</sup> |
| Power Line Conducted Emission   | FCC 15.207<br>ANSI C63.10:2013                                 | Pass <sup>1</sup> |
| <p>Note1:<br/>The above "pass<sup>1</sup>" items data are refer from the original report issued by SGS-CSTC Standards Technical Services Co., Ltd .Shenzhen Branch (Date of Test: 2019/7/31 ~ 2019/8/26 ), The detailed data can refer to Appendix-2.4G WLAN.</p> <p>Note2:<br/>The above "pass<sup>2</sup>" item is tested by Tianjin Dongdian Testing Service Co., Ltd.</p> |  |                   |

## 2. General Test Information

### 2.1. Description of EUT

|                          |   |
|--------------------------|---|
| EUT* Name                | : Mobile Handset  |
| Model Number             | : LM-X430EMW  |
| EUT Function Description | : Please reference user manual of this device   |
| Power Supply             | : AC/DC Adapter   |
| Radio Specification      | : IEEE 802.11b/g/n  |
| Operation Frequency      | : IEEE 802.11b: 2412MHz-2472MHz<br>: IEEE 802.11g: 2412MHz-2472MHz<br>: IEEE 802.11n HT20: 2412MHz-2472MHz  |
| Modulation               | : IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK)<br>: IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK)<br>: IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK, BPSK) |
| Data Rate                | : IEEE 802.11b: 1, 2, 5.5, 11 Mbps<br>: IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps<br>: IEEE 802.11n HT20: MCS0-MCS7                           |
| Antenna Type             | : Integrated antenna, maximum PK gain: -2.0 dBi   |
| Sample Type              | : Portable Device   |

Note: EUT is the ab. of equipment under test.

| Channel information |                 |    |                 |    |                 |
|---------------------|-----------------|----|-----------------|----|-----------------|
| CH                  | Frequency (MHz) | CH | Frequency (MHz) | CH | Frequency (MHz) |
| 1                   | 2412            | 6  | 2437            | 11 | 2462            |
| 2                   | 2417            | 7  | 2442            | 12 | 2467            |
| 3                   | 2422            | 8  | 2447            | 13 | 2472            |
| 4                   | 2427            | 9  | 2452            | /  | /               |
| 5                   | 2432            | 10 | 2457            |    |                 |

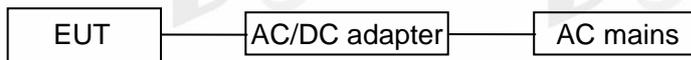
### 2.2. Accessories of EUT

| Description of Accessories | Manufacturer | Model number | Description | SN  |
|----------------------------|--------------|--------------|-------------|-----|
| N/A                        | N/A          | N/A          | N/A         | N/A |

### 2.3. Assistant equipment used for test

| Assistant equipment | Manufacturer | Model number | EMC Compliance | SN  |
|---------------------|--------------|--------------|----------------|-----|
| N/A                 | N/A          | N/A          | N/A            | N/A |

## 2.4. Block diagram of EUT configuration for test



Test software: Internal software by EUT

The test software was used to control EUT work in Continuous Tx mode, and select test channel, wireless mode as below table.

| Tested mode, channel, information |                                |         |                    |
|-----------------------------------|--------------------------------|---------|--------------------|
| Mode                              | Data rate (Mbps)<br>(see Note) | Channel | Frequency<br>(MHz) |
| IEEE 802.11b                      | 1                              | CH0     | 2412               |
|                                   | 1                              | CH6     | 2437               |
|                                   | 1                              | CH11    | 2462               |
|                                   | 1                              | CH13    | 2472               |
| IEEE 802.11g                      | 6                              | CH0     | 2412               |
|                                   | 6                              | CH6     | 2437               |
|                                   | 6                              | CH11    | 2462               |
|                                   | 6                              | CH13    | 2472               |
| IEEE 802.11n HT20                 | MCS0                           | CH0     | 2412               |
|                                   | MCS0                           | CH6     | 2437               |
|                                   | MCS0                           | CH11    | 2462               |
|                                   | MCS0                           | CH13    | 2472               |

Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.

## 2.5. Deviations of test standard

No deviation.

## 2.6. Test environment conditions

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

|                    |            |
|--------------------|------------|
| Temperature range: | 21-25 °C   |
| Humidity range:    | 25-75%     |
| Pressure range:    | 86-106 kPa |

## 2.7. Test laboratory

Tianjin Dongdian Testing Service Co., Ltd.

Address: Building D-1, No. 19, Weisi Road, Microelectronics Industrial Park Development Area, Tianjin, China.

Tel: +86-22-58038033, <http://www.ddttest.com>, Email: [ddt@dgddt.com](mailto:ddt@dgddt.com)

**NVLAP** (National Voluntary Laboratory Accreditation Program) CODE: 500036-0

**CNAS** (China National Accreditation Service for Conformity Assessment) CODE: L13402

**FCC** Designation Number: CN5004; FCC Test Firm Registration Number: 368676

**ISED** (Innovation, Science and Economic Development Canada) Company Number: 27768

Conformity Assessment Body Identifier: CN0125

**VCCI** Facility Registration Number: C-20089, T-20093, R-20125, G-20122

## 2.8. Measurement uncertainty

| Test Item   | Uncertainty                                    |
|---|--|
| Bandwidth   | 0.14%  |
| Peak Output Power (Conducted) (Spectrum Analyzer)   | 0.12 dB (10 MHz ≤ f < 3.6 GHz);                |
|   | 0.32 dB (3.6 GHz ≤ f < 8 GHz)                  |
| Peak Output Power (Conducted) (Power Sensor)  | 0.51 dB  |
| Power Spectral Density  | 0.12 dB (10 MHz ≤ f < 3.6 GHz);                |
|   | 0.32 dB (3.6 GHz ≤ f < 8 GHz)                  |
| Frequencies Stability   | 6.7 × 10 <sup>-8</sup> (Antenna couple method) |
|   | 3.4 × 10 <sup>-8</sup> (Conducted method)      |
| Conducted Spurious Emissions  | 0.12 dB (10 MHz ≤ f < 3.6 GHz);                |
|   | 0.32 dB (3.6 GHz ≤ f < 8 GHz)                  |
|   | 0.52 dB (8 GHz ≤ f < 22 GHz)                   |
| Uncertainty for Radio Frequency (RBW < 20 kHz)  | 3×10 <sup>-7</sup>                             |
| Temperature   | ±2°C   |
| Humidity  | ±1%  |
| Uncertainty for Radiation Emission Test<br>(30 MHz - 1 GHz)   | 2.72 dB (Antenna Polarize: V)                  |
|   | 2.72 dB (Antenna Polarize: H)                  |
| Uncertainty for Radiation Emission Test<br>(1 GHz - 40 GHz)   | 2.74 dB (1 - 6 GHz)                            |
|   | 2.72 dB (6 GHz - 18 GHz)                       |
|   | 3.54 dB (18 GHz - 26 GHz)                      |
|   | 4.30 dB (26 GHz - 40 GHz)                      |
| Uncertainty for Power Line Conduction Emission Test   | 3.40 dB (150 kHz - 30 MHz)                     |
| Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2. |  |

### 3. Equipment Used During Test

| Equipment                                   | Manufacturer  | Model No.  | Serial No.  | Last Cal.  | Cal. Interval |
|---|---------------|------------|-------------|------------|---------------|
| <b>RF Connected Test (MWR Ftest system)</b> |               |            |             |            |               |
| Microwave Signal Generator                  | R&S           | SMF100A    | 101396      | 2021/06/08 | 1 Year        |
| MXG Vector Signal Generator                 | Agilent       | N5182A     | MY50143288  | 2021/03/08 | 1 Year        |
| EMI Test Receiver                           | R&S           | ESU26      | 100243      | 2021/03/03 | 1 Year        |
| Wideband Radio Communication Tester         | R&S           | CMW500     | 158800      | 2021/05/25 | 1 Year        |
| Power Detector                              | MWR Ftest     | MW100-PS B | MW201203008 | 2021/03/31 | 1 Year        |
| DC Power Supply                             | inSTEK        | PSP-2010   | EH131319    | 2021/02/27 | 1 Year        |
| Test Software                               | MWR Ftest     | MTS8310    | V03         | N/A        | N/A           |
| <b>Radiated Emission -10m EMI Chamber</b>   |               |            |             |            |               |
| EXA Signal Analyzer                         | Keysight      | N9010A     | MY53281492  | 2021/03/31 | 1 Year        |
| Active Loop Antenna                         | R&S           | HFH2-Z2    | 100269      | 2021/05/08 | 1 Year        |
| Double-Ridged Guide Horn Antenna            | ETS-LINDGR EN | 3115       | 00102808    | 2021/03/16 | 1 Year        |
| Broad Band Horn Antenna                     | Schwarzbeck   | BBHA 9170  | 790         | 2021/04/21 | 1 Year        |
| Broadband Horn Antenna                      | TESEQ         | BHA 9118   | 31754       | 2021/10/12 | 1 Year        |
| Low noise amplifier                         | MITEQ         | TPA0118-36 | 0914        | 2021/02/03 | 1 Year        |
| EMI Test Receiver                           | R&S           | ESCI       | 101024      | 2021/03/03 | 1 Year        |
| EMI Test Receiver                           | R&S           | ESCI       | 101030      | 2021/05/15 | 1 Year        |
| Bilog Antenna                               | TESEQ         | CBL6112D   | 29068       | 2020/10/12 | 2 Year        |
| Bilog Antenna                               | TESEQ         | CBL6112D   | 29069       | 2020/10/12 | 2 Year        |
| Amplifier                                   | Sonoma        | 310N       | 300913      | 2021/03/03 | 1 Year        |
| Amplifier                                   | Sonoma        | 310N       | 300914      | 2021/03/03 | 1 Year        |
| Ant Mast                                    | Innco         | MA4000     | N/A         | N/A        | N/A           |
| Ant Mast                                    | Innco         | MA4000     | N/A         | N/A        | N/A           |
| Mast Controller                             | Innco         | CO2000     | N/A         | N/A        | N/A           |
| Mast Controller                             | Innco         | CO2000     | N/A         | N/A        | N/A           |
| RF Selector 4CH                             | TOYO          | NS4904N    | Selector1   | N/A        | N/A           |
| RF Selector 4CH                             | TOYO          | NS4904N    | Selector2   | N/A        | N/A           |
| Test software                               | TOYO          | EP5/RSE    | Ver 1.9.1   | N/A        | N/A           |
| Test software                               | Audix         | E3         | V 6.11111b  | N/A        | N/A           |
| <b>Power Line Conducted Emissions Test</b>  |               |            |             |            |               |
| Test Receiver                               | R&S           | ESCI       | 101397      | 2021/03/03 | 1 Year        |
| LISN  | R&S           | ENV216     | 101122      | 2021/03/31 | 1 Year        |
| Test software                               | TOYO          | EP5/CE     | V 5.4.40    | N/A        | N/A           |

## 4. Maximum Conducted Output Power

### 4.1. Re-Test statement

The EUT is operating at the same power level with the original testing of SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch.

### 4.2. Block diagram of test setup



### 4.3. Limits

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### 4.4. Test procedure

Connect each EUT's antenna output to power sensor by RF cable and attenuator.

Measure the PK output power of each antenna port by power sensor.

#### 4.5. Test result

Remark

|                | The Original Reports  | Re-Test Reports                            |
|----------------|---|--|
| File name:     | test report 2.4G WLAN   | DDT-B21120602-1E04                         |
| Test location: | SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch | Tianjin Dongdian Testing Service Co., Ltd. |

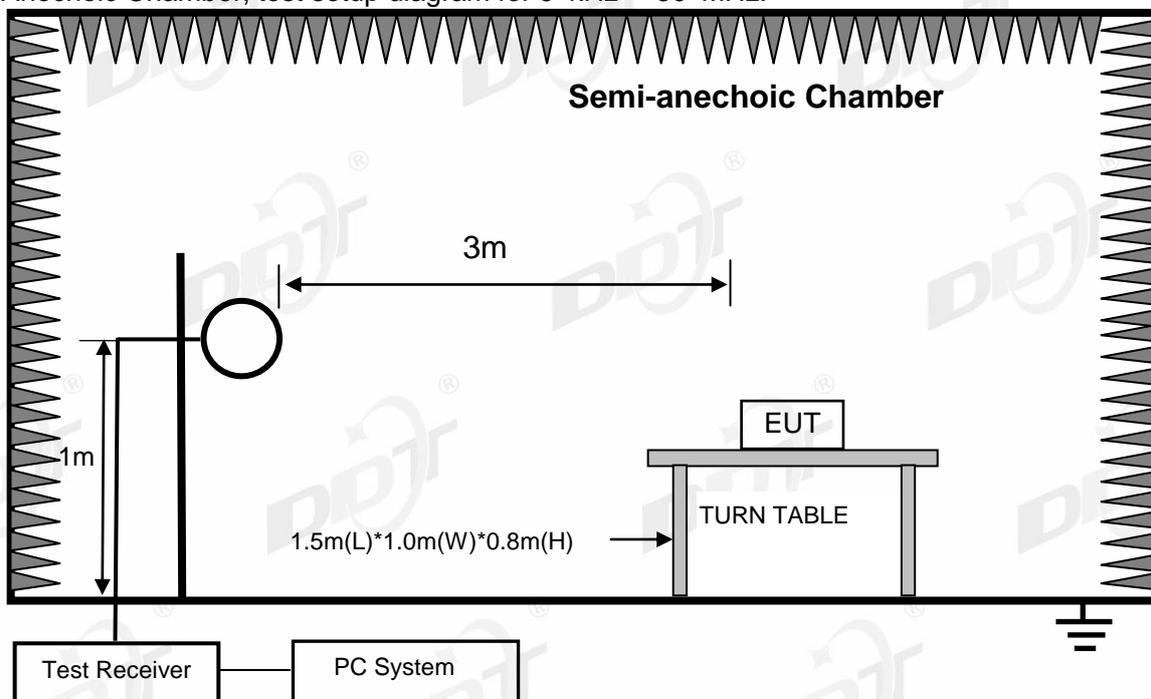
Power:

| Mode      | Test Channel | The Original Reports Level [dBm] | Re-Test Reports Level [dBm] | Power level |
|-----------|--------------|----------------------------------|-----------------------------|-------------|
| 802.11b   | CH1          | 22.95                            | 22.54                       | 17          |
|           | CH6          | 23.10                            | 22.89                       | 17          |
|           | CH11         | 22.69                            | 22.71                       | 17          |
|           | CH13         | 4.32                             | 4.16                        | 5           |
| 802.11g   | CH1          | 23.11                            | 23.03                       | 16          |
|           | CH6          | 25.09                            | 24.87                       | 16          |
|           | CH11         | 22.90                            | 22.75                       | 16          |
|           | CH13         | 4.27                             | 4.12                        | 5           |
| 802.11n20 | CH1          | 20.66                            | 20.41                       | 15          |
|           | CH6          | 23.57                            | 23.17                       | 15          |
|           | CH11         | 20.50                            | 20.27                       | 15          |
|           | CH13         | 4.24                             | 4.03                        | 5           |

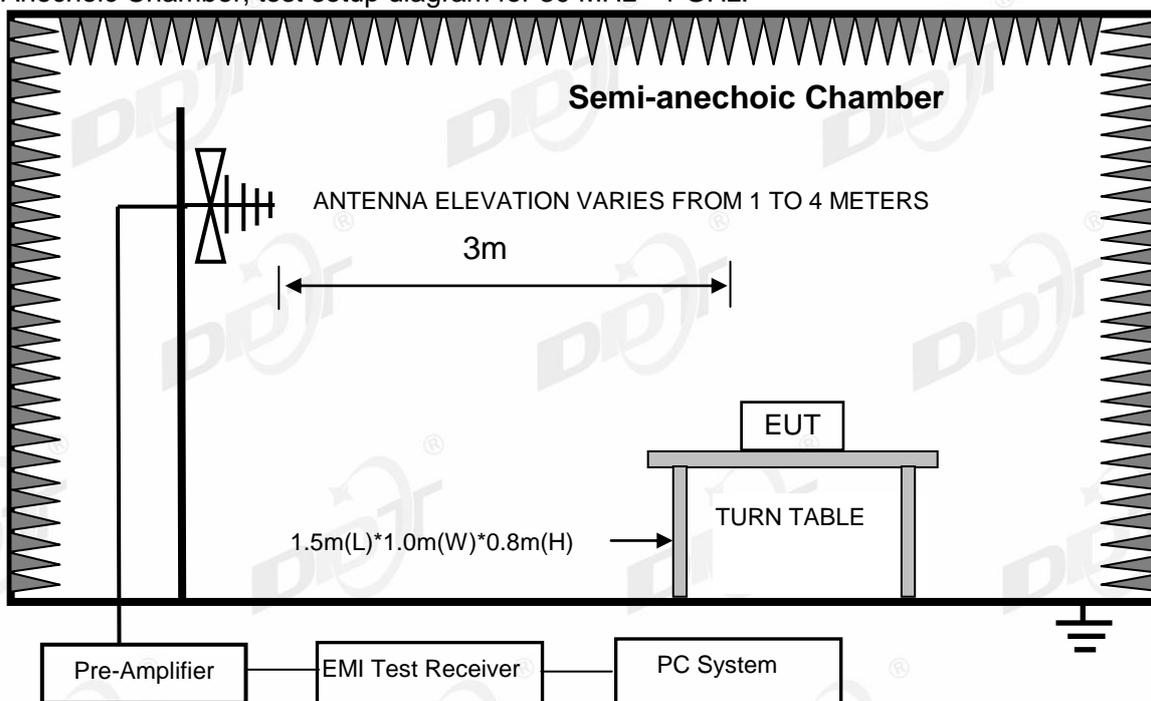
## 5. Radiated Emission

### 5.1. Block diagram of test setup

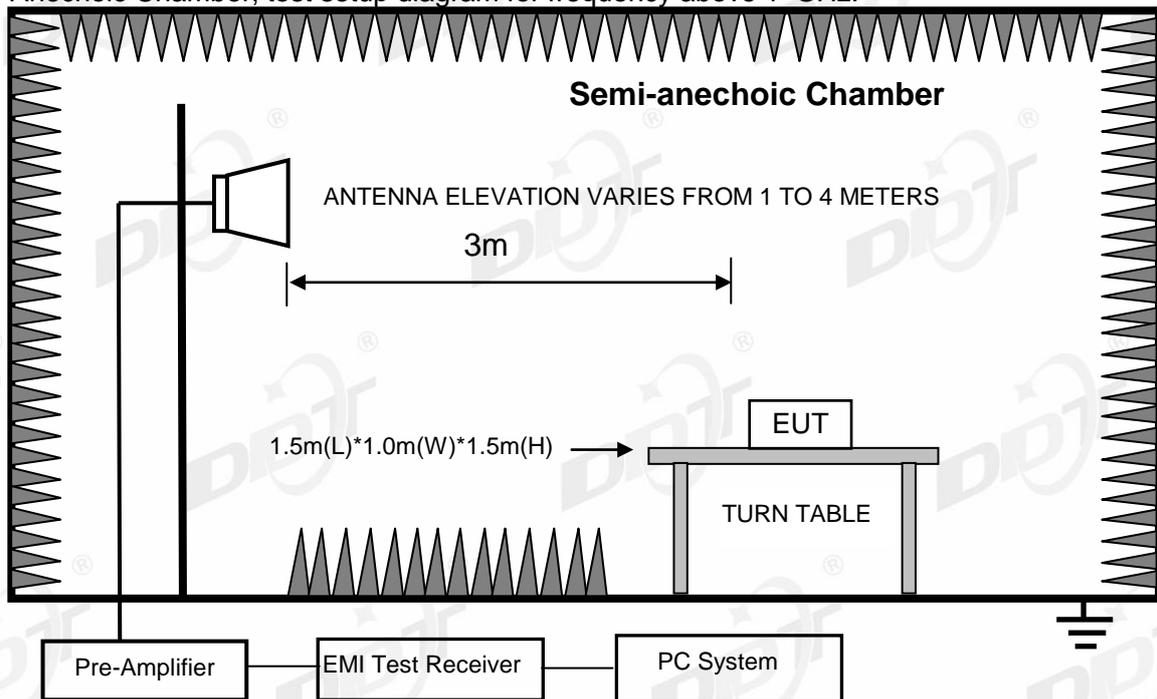
Anechoic Chamber, test setup diagram for 9 kHz - 30 MHz:



Anechoic Chamber, test setup diagram for 30 MHz - 1 GHz:



Anechoic Chamber, test setup diagram for frequency above 1 GHz:



Note: For harmonic emissions test an appropriate high pass filter was inserted in the input port of AMP.

## 5.2. Limit

### (1) FCC 15.205 Restricted frequency band

| MHz                      | MHz                 | MHz           | GHz              |
|--------------------------|---------------------|---------------|------------------|
| 0.090-0.110              | 16.42-16.423        | 399.9-410     | 4.5-5.15         |
| <sup>1</sup> 0.495-0.505 | 16.69475-16.69525   | 608-614       | 5.35-5.46        |
| 2.1735-2.1905            | 16.80425-16.80475   | 960-1240      | 7.25-7.75        |
| 4.125-4.128              | 25.5-25.67          | 1300-1427     | 8.025-8.5        |
| 4.1772&4.17775           | 37.5-38.25          | 1435-1626.5   | 9.0-9.2          |
| 4.2072&4.20775           | 73-74.6             | 1645.5-1646.5 | 9.3-9.5          |
| 6.215-6.218              | 74.8-75.2           | 1660-1710     | 10.6-12.7        |
| 6.26775-6.26825          | 108-121.94          | 1718.8-1722.2 | 13.25-13.4       |
| 6.31175-6.31225          | 123-138             | 2200-2300     | 14.47-14.5       |
| 8.291-8.294              | 149.9-150.05        | 2310-2390     | 15.35-16.2       |
| 8.362-8.366              | 156.52475-156.52525 | 2483.5-2500   | 17.7-21.4        |
| 8.37625-8.38675          | 156.7-156.9         | 2690-2900     | 22.01-23.12      |
| 8.41425-8.41475          | 162.0125-167.17     | 3260-3267     | 23.6-24.0        |
| 12.29-12.293             | 167.72-173.2        | 3332-3339     | 31.2-31.8        |
| 12.51975-12.52025        | 240-285             | 3345.8-3358   | 36.43-36.5       |
| 12.57675-12.57725        | 322-335.4           | 3600-4400     | ( <sup>2</sup> ) |
| 13.36-13.41              |                     |               |                  |

<sup>1</sup>Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

<sup>2</sup>Above 38.6

## (2) FCC 15.209 Limit.

| FREQUENCY<br>MHz | DISTANCE<br>Meters | FIELD STRENGTHS LIMIT   |                                   |
|------------------|--------------------|---|-----------------------------------|
|                  |                    | $\mu\text{V}/\text{m}$  | $\text{dB}(\mu\text{V})/\text{m}$ |
| 0.009 ~ 0.490    | 300                | 2400/F(kHz)   | 67.6-20log(F)                     |
| 0.490 ~ 1.705    | 30                 | 24000/F(kHz)  | 87.6-20log(F)                     |
| 1.705 ~ 30.0     | 30                 | 30  | 29.54                             |
| 30 ~ 88          | 3                  | 100   | 40.0                              |
| 88 ~ 216         | 3                  | 150   | 43.5                              |
| 216 ~ 960        | 3                  | 200   | 46.0                              |
| 960 ~ 1000       | 3                  | 500   | 54.0                              |
| Above 1000       | 3                  | 74.0 dB( $\mu\text{V}$ )/m (Peak)<br>54.0 dB( $\mu\text{V}$ )/m (Average) |                                   |

Note: (1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz and above 1000 MHz, radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30 MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3\text{m}}(\text{dB}\mu\text{V}/\text{m}) = \text{Limit}_{30\text{m}}(\text{dB}\mu\text{V}/\text{m}) + 40\text{Log}(30\text{m}/3\text{m})$$

## (3) Limit for this EUT

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits.

### 5.3. Test Procedure

- (1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1G and 150 cm above the ground plane inside a fully-anechoic chamber for above 1G.
- (2) Test antenna was located 3 m from the EUT on an adjustable mast, and the antenna used as below table.

| Test frequency range | Test antenna used                              | Test antenna distance |
|----------------------|--|-----------------------|
| 9 kHz - 30 MHz       | Active Loop antenna                            | 3 m                   |
| 30 MHz - 1 GHz       | Trilog Broadband Antenna                       | 3 m                   |
| 1 GHz - 18 GHz       | Double Ridged Horn Antenna<br>(1 GHz - 18 GHz) | 3 m                   |
| 18 GHz - 40 GHz      | Horn Antenna<br>(18 GHz - 40 GHz)              | 3 m                   |

According ANSI C63.10:2013 clause 6.4.4.2 and 6.5.3, for measurements below 30 MHz, the loop antenna was positioned with its plane vertical from the EUT and rotated about its vertical axis for maximum response at each azimuth position around the EUT. And the loop antenna also

is positioned with its plane horizontal at the specified distance from the EUT. The center of the loop is 1 m above the ground. For measurement above 30 MHz, the trilog Broadband Antenna or Horn Antenna was located 3 m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 25 GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1 m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 25 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 18 GHz to 25 GHz, so below final test was performed with frequency range from 9 kHz to 18 GHz.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10:2013 on Radiated Emission test.

(5) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz, for emissions from 9 kHz - 90 kHz, 110 kHz - 490 kHz and above 1 GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(6) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW.

| Frequency band   | RBW     |
|------------------|---------|
| 9 kHz - 150 kHz  | 200 Hz  |
| 150 kHz - 30 MHz | 9 kHz   |
| 30 MHz - 1 GHz   | 120 kHz |

(7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10:2013 clause 4.1.4.2.2 procedure for average measure.

(8) X axis, Y axis, Z axis are tested, and worse setup X axis is reported.

#### 5.4. Test result

Pass. (See below detailed test result)

All the emissions except fundamental emission from 9 kHz to 25 GHz were comply with 15.209 limits.

Note1: According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 25 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

Note2: For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in transmitting and charging mode.

Note3: For emissions above 1 GHz. If peak results comply with AV limit, AV Result is deemed to comply with AV limit.

## Radiated Emission test (below 1 GHz)

## Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 12-14-2021

Tested By : Sunny

EUT : Mobile Handset

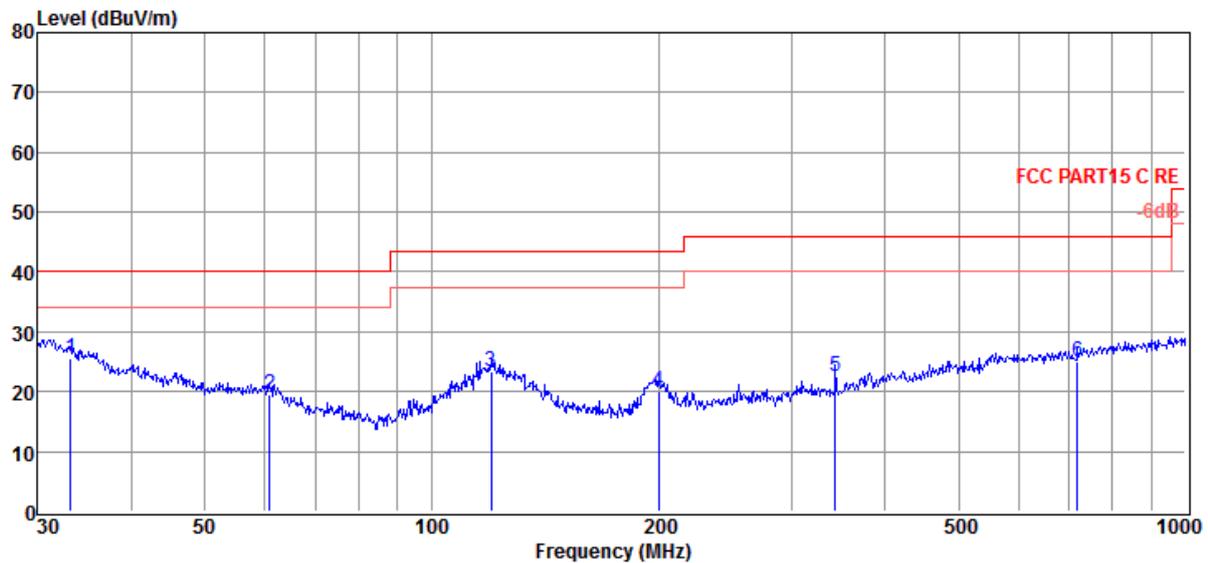
Model Number : LM-X430EMW

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 2.4G WIFI

Data: 87



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|---------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 33.21          | -9.02          | 25.43                       | 40.00                     | -14.57                | 180            | 279            | QP       | HORIZONTAL   |
| 2              | 60.92          | -19.88         | 19.48                       | 40.00                     | -20.52                | 164            | 78             | QP       | HORIZONTAL   |
| 3              | 119.86         | -17.64         | 23.31                       | 43.50                     | -20.19                | 169            | 254            | QP       | HORIZONTAL   |
| 4              | 199.99         | -18.56         | 20.11                       | 43.50                     | -23.39                | 187            | 354            | QP       | HORIZONTAL   |
| 5              | 343.18         | -15.66         | 22.58                       | 46.00                     | -23.42                | 187            | 359            | QP       | HORIZONTAL   |
| 6              | 719.20         | -10.06         | 25.15                       | 46.00                     | -20.85                | 190            | 90             | QP       | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. Margin QP (Quasi-Peak) = Level QP - Limit

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

# Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-14-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

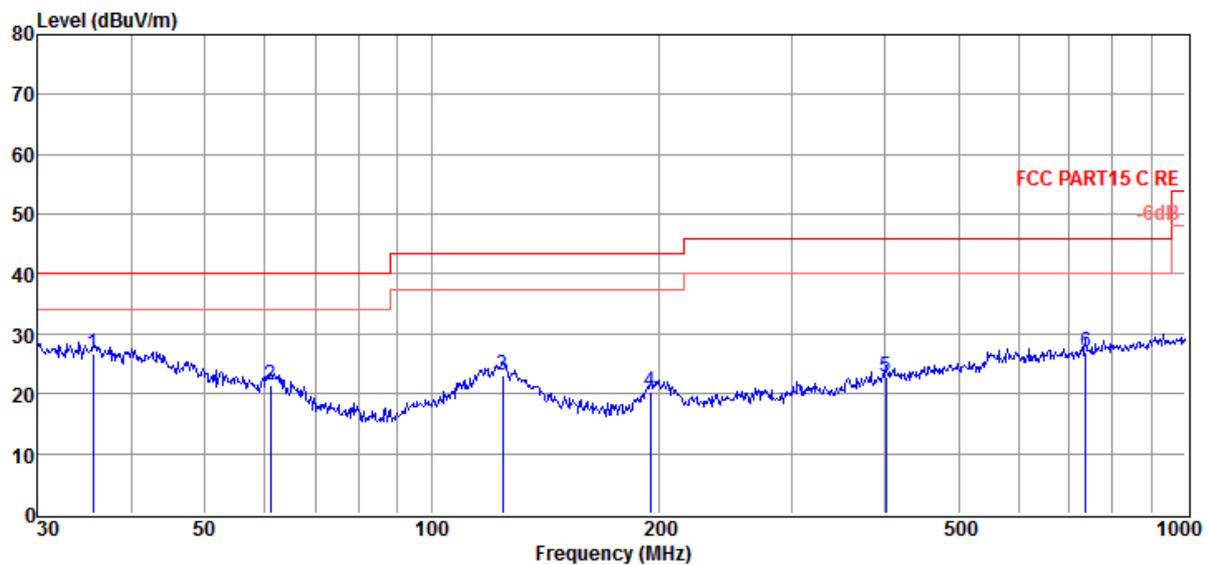
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 2.4G WIIFI

Data: 88



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 35.50          | -10.16         | 26.53                       | 40.00                         | -13.47                | 167            | 76             | QP       | VERTICAL     |
| 2              | 61.13          | -19.90         | 21.46                       | 40.00                         | -18.54                | 163            | 251            | QP       | VERTICAL     |
| 3              | 124.13         | -17.22         | 23.19                       | 43.50                         | -20.31                | 154            | 89             | QP       | VERTICAL     |
| 4              | 195.14         | -18.56         | 20.31                       | 43.50                         | -23.19                | 188            | 344            | QP       | VERTICAL     |
| 5              | 400.43         | -13.14         | 22.72                       | 46.00                         | -23.28                | 189            | 149            | QP       | VERTICAL     |
| 6              | 737.07         | -9.58          | 27.04                       | 46.00                         | -18.96                | 156            | 76             | QP       | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. Margin QP (Quasi-Peak) = Level QP - Limit

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

## Radiated Emission test (1 GHz – 3GHz)

## Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 12-07-2021

Tested By : Sunny

EUT : Mobile Handset

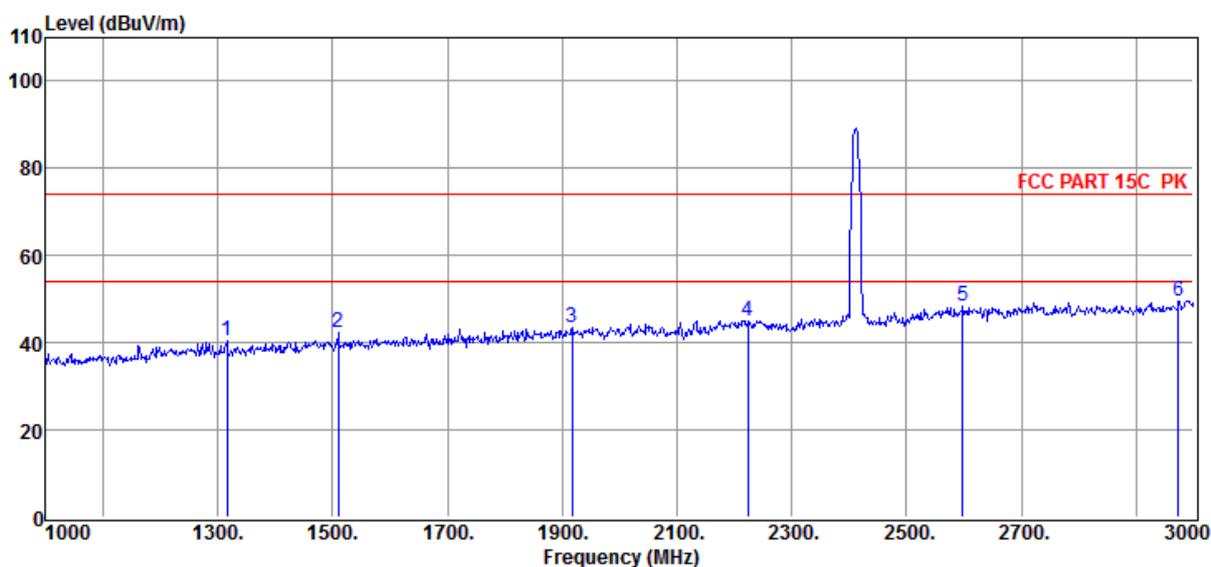
Model Number : LM-X430EMW

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2412MHz

Data: 101



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1316.00        | -4.59          | 40.57                             | 74.00                               | -33.43                | 150            | 314            | Peak     | VERTICAL     |
| 2              | 1510.00        | -2.85          | 42.42                             | 74.00                               | -31.58                | 157            | 211            | Peak     | VERTICAL     |
| 3              | 1918.00        | 0.07           | 43.53                             | 74.00                               | -30.47                | 167            | 320            | Peak     | VERTICAL     |
| 4              | 2224.00        | 2.37           | 45.17                             | 74.00                               | -28.83                | 150            | 313            | Peak     | VERTICAL     |
| 5              | 2598.00        | 5.87           | 48.46                             | 74.00                               | -25.54                | 163            | 333            | Peak     | VERTICAL     |
| 6              | 2974.00        | 7.49           | 49.48                             | 74.00                               | -24.52                | 166            | 28             | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

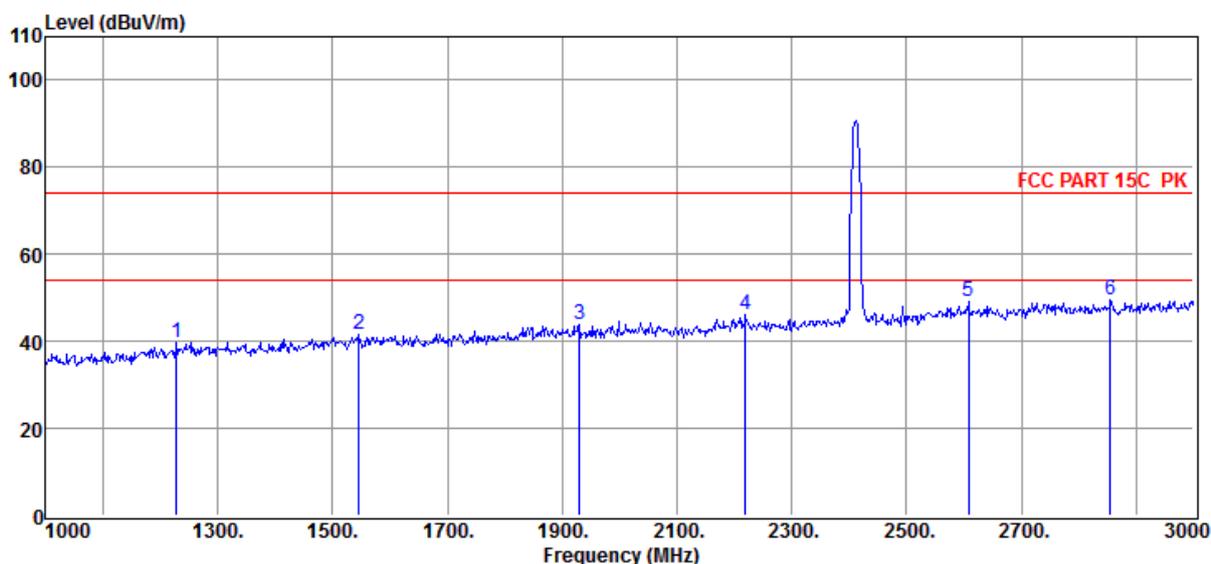
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2412MHz

Data: 102



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1228.00        | -4.99          | 39.64                             | 74.00                               | -34.36                | 181            | 186            | Peak     | HORIZONTAL   |
| 2              | 1546.00        | -2.50          | 41.71                             | 74.00                               | -32.29                | 184            | 239            | Peak     | HORIZONTAL   |
| 3              | 1930.00        | 0.15           | 43.78                             | 74.00                               | -30.22                | 161            | 201            | Peak     | HORIZONTAL   |
| 4              | 2220.00        | 2.37           | 46.01                             | 74.00                               | -27.99                | 176            | 104            | Peak     | HORIZONTAL   |
| 5              | 2608.00        | 5.82           | 49.02                             | 74.00                               | -24.98                | 150            | 323            | Peak     | HORIZONTAL   |
| 6              | 2856.00        | 6.75           | 49.43                             | 74.00                               | -24.57                | 185            | 245            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

# Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

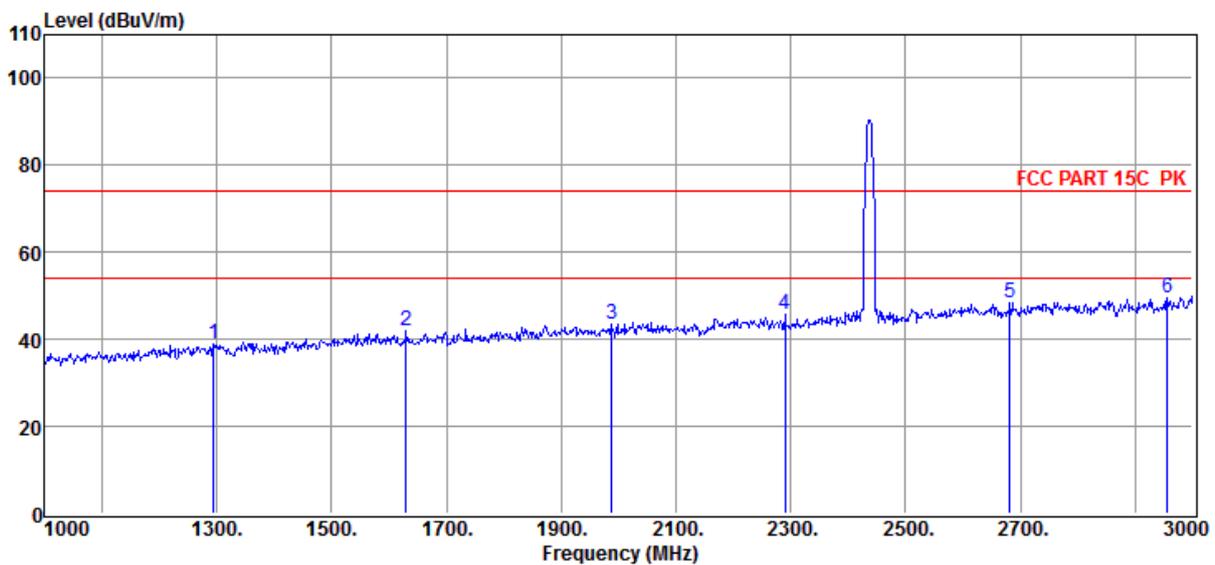
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2437MHz

Data: 103



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1294.00        | -4.69          | 38.85                       | 74.00                         | -35.15                | 172            | 12             | Peak     | HORIZONTAL   |
| 2              | 1630.00        | -2.32          | 42.01                       | 74.00                         | -31.99                | 184            | 299            | Peak     | HORIZONTAL   |
| 3              | 1988.00        | 0.25           | 43.57                       | 74.00                         | -30.43                | 179            | 185            | Peak     | HORIZONTAL   |
| 4              | 2290.00        | 1.99           | 45.65                       | 74.00                         | -28.35                | 185            | 292            | Peak     | HORIZONTAL   |
| 5              | 2682.00        | 5.69           | 48.40                       | 74.00                         | -25.60                | 179            | 184            | Peak     | HORIZONTAL   |
| 6              | 2956.00        | 6.84           | 49.68                       | 74.00                         | -24.32                | 170            | 198            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

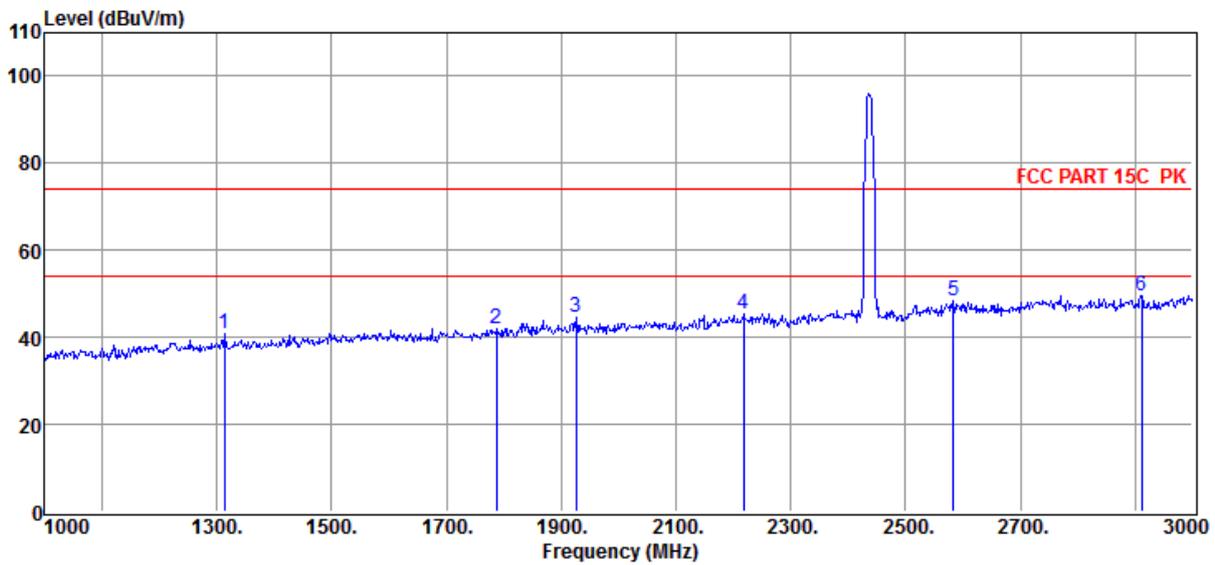
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2437MHz

Data: 104



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1314.00        | -4.59          | 40.75                             | 74.00                               | -33.25                | 180            | 199            | Peak     | VERTICAL     |
| 2              | 1788.00        | -1.20          | 42.02                             | 74.00                               | -31.98                | 169            | 319            | Peak     | VERTICAL     |
| 3              | 1926.00        | 0.12           | 44.62                             | 74.00                               | -29.38                | 165            | 67             | Peak     | VERTICAL     |
| 4              | 2218.00        | 2.37           | 45.45                             | 74.00                               | -28.55                | 175            | 313            | Peak     | VERTICAL     |
| 5              | 2584.00        | 5.55           | 48.27                             | 74.00                               | -25.73                | 163            | 17             | Peak     | VERTICAL     |
| 6              | 2912.00        | 6.90           | 49.49                             | 74.00                               | -24.51                | 161            | 29             | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

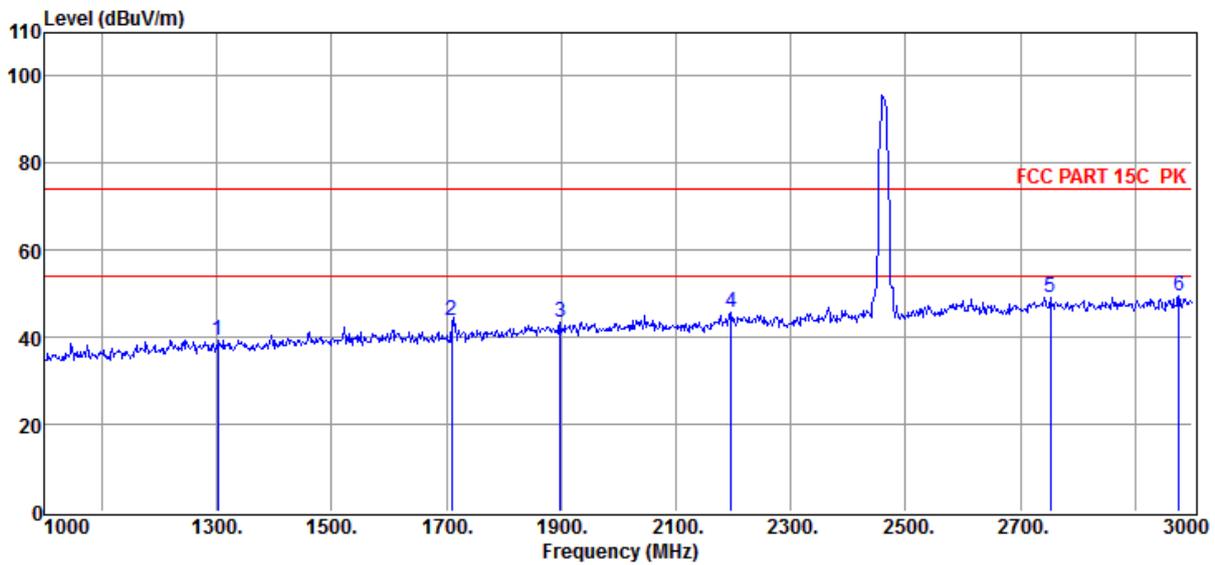
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2462MHz

Data: 105



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1302.00        | -4.67          | 39.33                       | 74.00                         | -34.67                | 183            | 339            | Peak     | VERTICAL     |
| 2              | 1710.00        | -1.87          | 43.87                       | 74.00                         | -30.13                | 162            | 43             | Peak     | VERTICAL     |
| 3              | 1898.00        | -0.08          | 43.63                       | 74.00                         | -30.37                | 179            | 23             | Peak     | VERTICAL     |
| 4              | 2196.00        | 2.27           | 45.57                       | 74.00                         | -28.43                | 151            | 346            | Peak     | VERTICAL     |
| 5              | 2752.00        | 6.64           | 49.27                       | 74.00                         | -24.73                | 187            | 264            | Peak     | VERTICAL     |
| 6              | 2976.00        | 7.57           | 49.44                       | 74.00                         | -24.56                | 160            | 81             | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

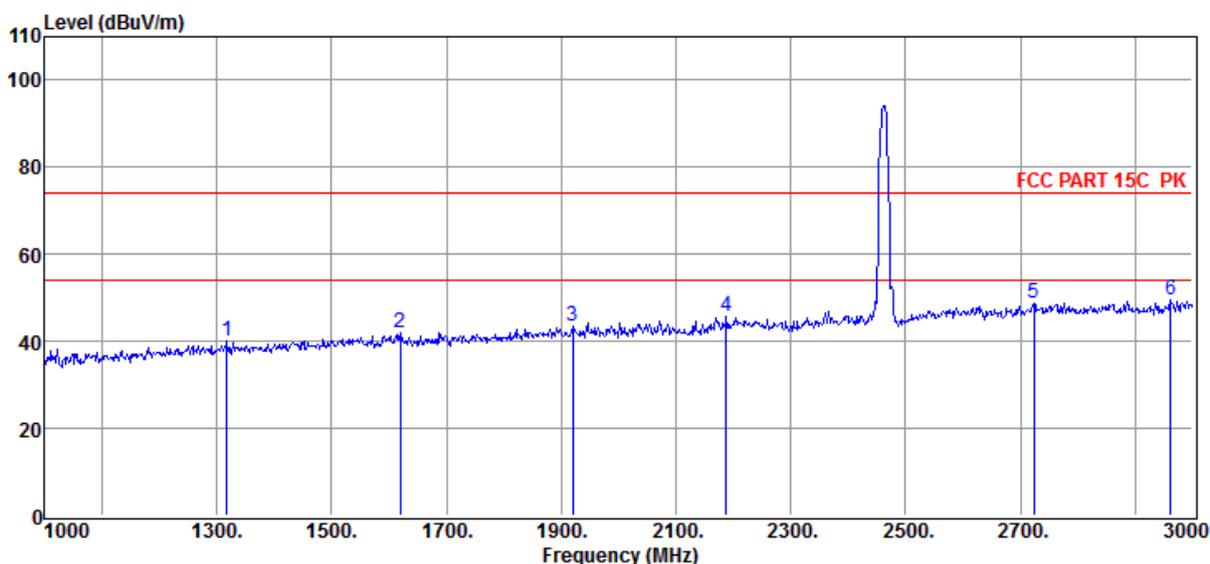
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2462MHz

Data: 106



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1318.00        | -4.57          | 40.05                       | 74.00                         | -33.95                | 160            | 289            | Peak     | HORIZONTAL   |
| 2              | 1620.00        | -2.31          | 42.08                       | 74.00                         | -31.92                | 162            | 70             | Peak     | HORIZONTAL   |
| 3              | 1920.00        | 0.08           | 43.29                       | 74.00                         | -30.71                | 174            | 356            | Peak     | HORIZONTAL   |
| 4              | 2188.00        | 2.08           | 45.58                       | 74.00                         | -28.42                | 157            | 169            | Peak     | HORIZONTAL   |
| 5              | 2724.00        | 6.27           | 48.89                       | 74.00                         | -25.11                | 155            | 77             | Peak     | HORIZONTAL   |
| 6              | 2962.00        | 7.06           | 49.36                       | 74.00                         | -24.64                | 187            | 102            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

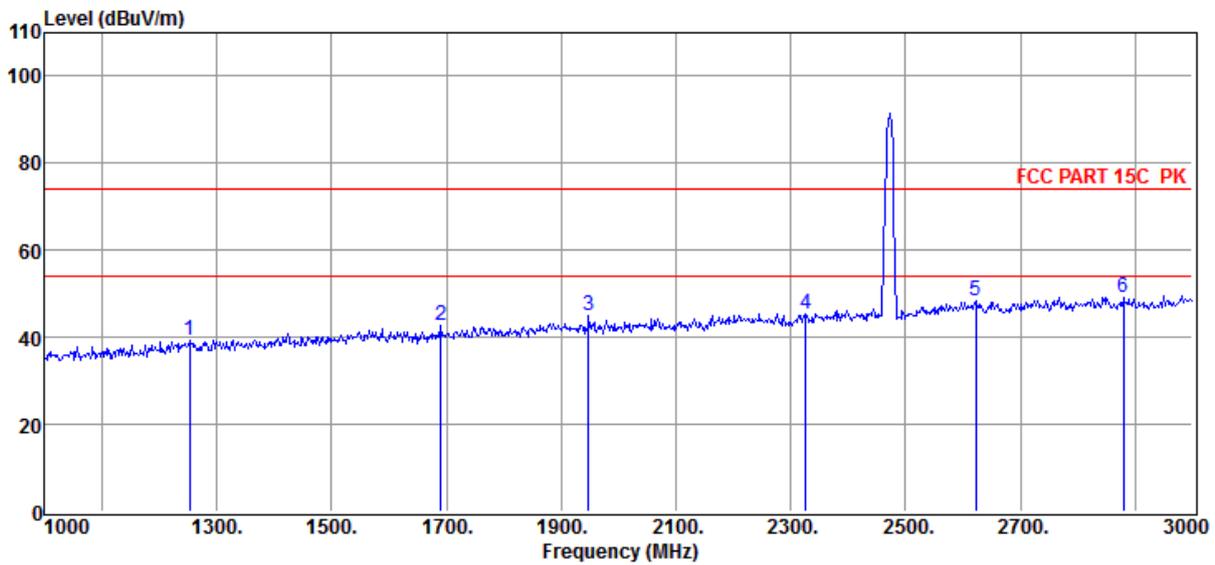
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2472MHz

Data: 107



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1252.00        | -4.72          | 39.50                             | 74.00                               | -34.50                | 175            | 346            | Peak     | HORIZONTAL   |
| 2              | 1690.00        | -2.05          | 42.62                             | 74.00                               | -31.38                | 183            | 307            | Peak     | HORIZONTAL   |
| 3              | 1948.00        | 0.29           | 44.92                             | 74.00                               | -29.08                | 152            | 164            | Peak     | HORIZONTAL   |
| 4              | 2326.00        | 2.57           | 45.36                             | 74.00                               | -28.64                | 171            | 304            | Peak     | HORIZONTAL   |
| 5              | 2622.00        | 5.64           | 48.56                             | 74.00                               | -25.44                | 171            | 20             | Peak     | HORIZONTAL   |
| 6              | 2880.00        | 6.88           | 49.30                             | 74.00                               | -24.70                | 162            | 188            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

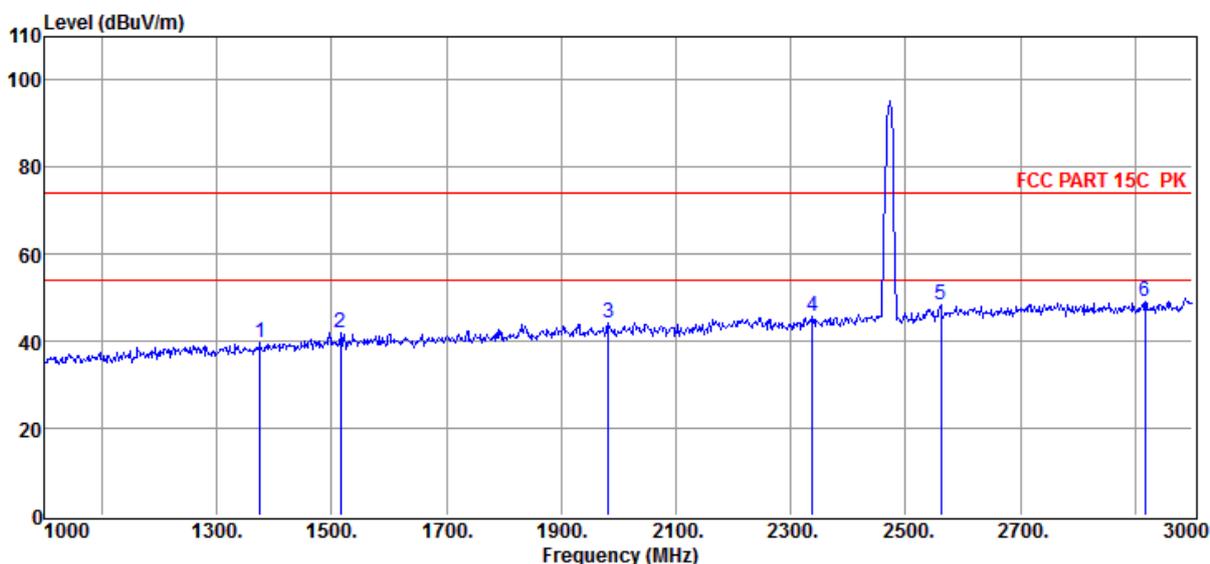
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2472MHz

Data: 108



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1376.00        | -4.23          | 39.71                       | 74.00                         | -34.29                | 187            | 185            | Peak     | VERTICAL     |
| 2              | 1516.00        | -2.79          | 42.03                       | 74.00                         | -31.97                | 176            | 105            | Peak     | VERTICAL     |
| 3              | 1982.00        | 0.25           | 44.17                       | 74.00                         | -29.83                | 171            | 344            | Peak     | VERTICAL     |
| 4              | 2338.00        | 2.88           | 45.62                       | 74.00                         | -28.38                | 182            | 187            | Peak     | VERTICAL     |
| 5              | 2562.00        | 5.06           | 48.32                       | 74.00                         | -25.68                | 182            | 119            | Peak     | VERTICAL     |
| 6              | 2918.00        | 6.85           | 49.12                       | 74.00                         | -24.88                | 165            | 328            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

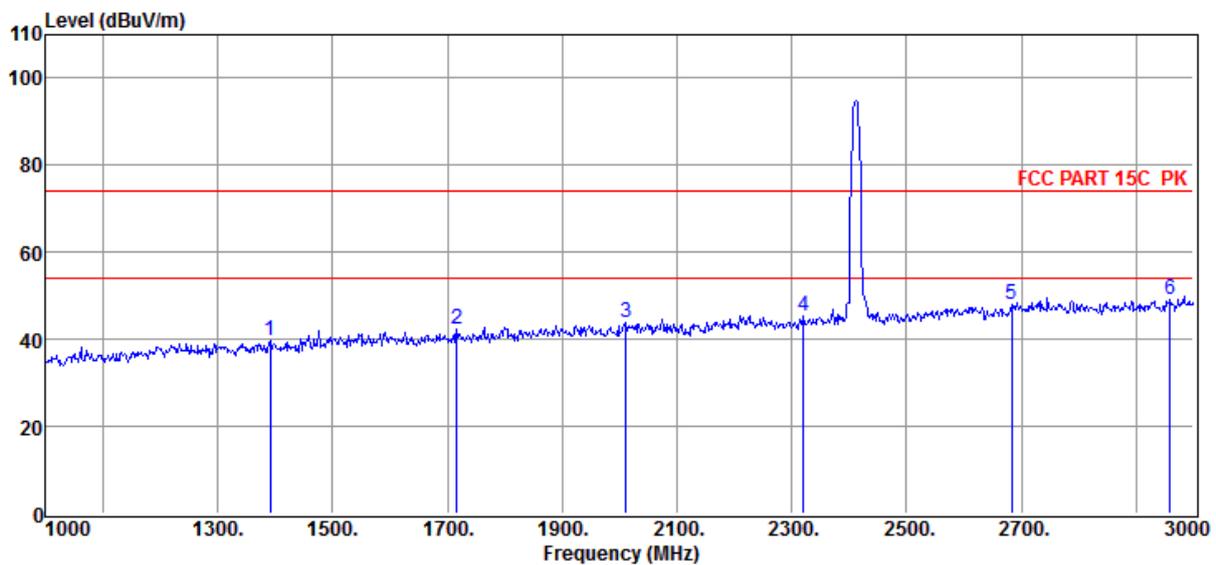
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2412MHz

Data: 109



| Item (Mark) | Freq. (MHz) | Factor (dB) | Result Level (dBμV/m) | Limit Line (dBμV/m) | Over Limit (dB) | Height (cm) | Angle (deg) | Detector | Polarization |
|-------------|-------------|-------------|-----------------------|---------------------|-----------------|-------------|-------------|----------|--------------|
| 1           | 1392.00     | -4.14       | 39.65                 | 74.00               | -34.35          | 177         | 10          | Peak     | VERTICAL     |
| 2           | 1716.00     | -1.80       | 42.21                 | 74.00               | -31.79          | 164         | 157         | Peak     | VERTICAL     |
| 3           | 2012.00     | 0.46        | 43.97                 | 74.00               | -30.03          | 178         | 206         | Peak     | VERTICAL     |
| 4           | 2320.00     | 2.42        | 45.36                 | 74.00               | -28.64          | 168         | 175         | Peak     | VERTICAL     |
| 5           | 2684.00     | 5.72        | 47.98                 | 74.00               | -26.02          | 163         | 169         | Peak     | VERTICAL     |
| 6           | 2960.00     | 6.98        | 49.02                 | 74.00               | -24.98          | 182         | 104         | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

# Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

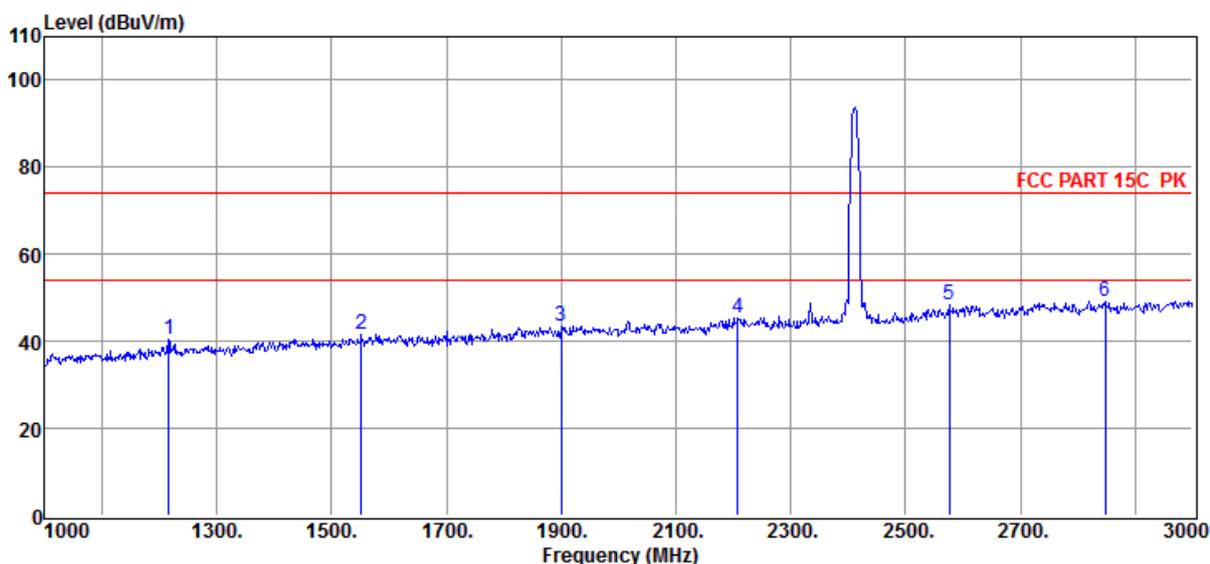
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2412MHz

Data: 110



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1216.00        | -5.13          | 40.27                       | 74.00                         | -33.73                | 188            | 117            | Peak     | HORIZONTAL   |
| 2              | 1552.00        | -2.45          | 41.65                       | 74.00                         | -32.35                | 173            | 270            | Peak     | HORIZONTAL   |
| 3              | 1900.00        | -0.07          | 43.55                       | 74.00                         | -30.45                | 174            | 84             | Peak     | HORIZONTAL   |
| 4              | 2208.00        | 2.37           | 45.51                       | 74.00                         | -28.49                | 155            | 219            | Peak     | HORIZONTAL   |
| 5              | 2576.00        | 5.37           | 48.37                       | 74.00                         | -25.63                | 182            | 322            | Peak     | HORIZONTAL   |
| 6              | 2848.00        | 6.69           | 49.23                       | 74.00                         | -24.77                | 170            | 104            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

# Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

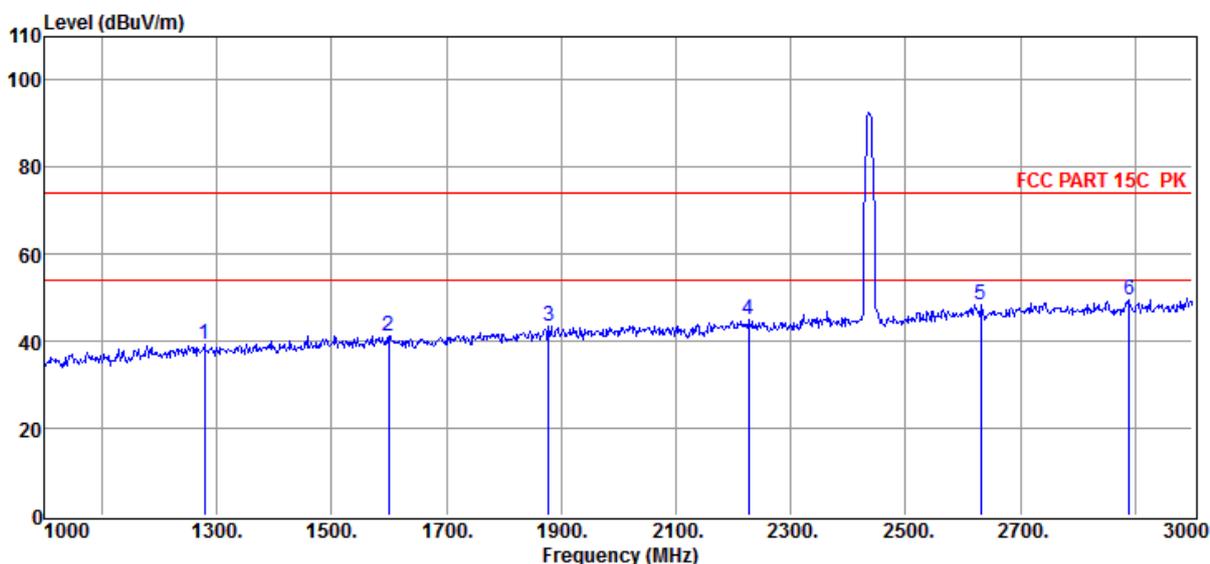
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2437MHz

Data: 111



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1278.00        | -4.70          | 39.38                       | 74.00                         | -34.62                | 153            | 166            | Peak     | HORIZONTAL   |
| 2              | 1600.00        | -2.28          | 41.37                       | 74.00                         | -32.63                | 186            | 48             | Peak     | HORIZONTAL   |
| 3              | 1878.00        | -0.19          | 43.47                       | 74.00                         | -30.53                | 178            | 218            | Peak     | HORIZONTAL   |
| 4              | 2226.00        | 2.37           | 45.14                       | 74.00                         | -28.86                | 187            | 42             | Peak     | HORIZONTAL   |
| 5              | 2632.00        | 5.52           | 48.40                       | 74.00                         | -25.60                | 175            | 17             | Peak     | HORIZONTAL   |
| 6              | 2890.00        | 6.93           | 49.44                       | 74.00                         | -24.56                | 159            | 56             | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

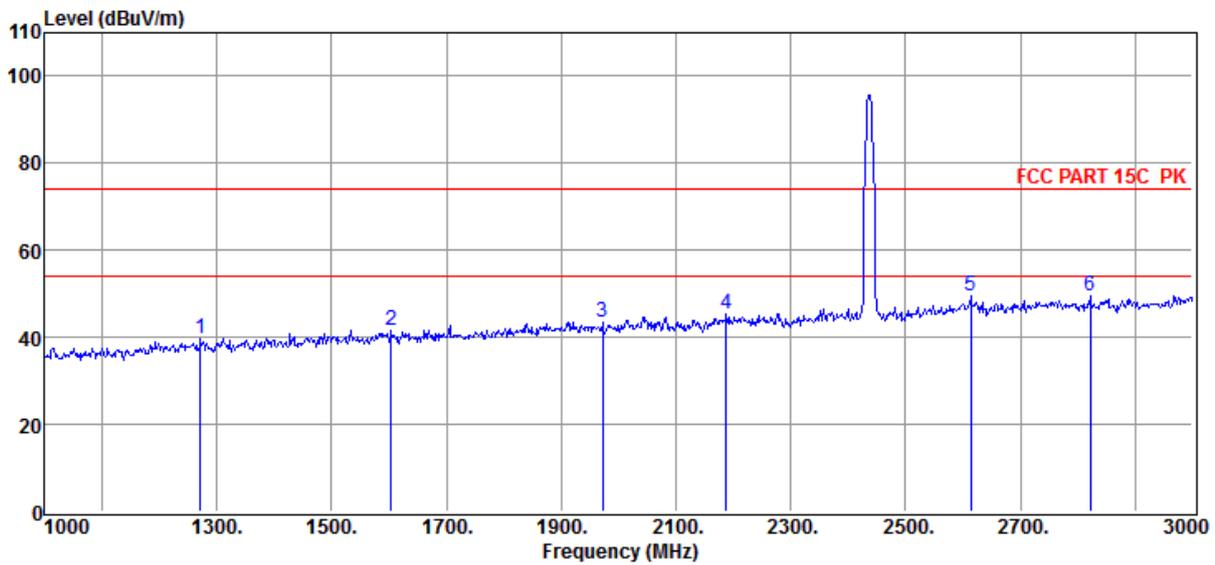
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2437MHz

Data: 112



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1272.00        | -4.71          | 39.86                       | 74.00                         | -34.14                | 174            | 253            | Peak     | VERTICAL     |
| 2              | 1604.00        | -2.28          | 41.67                       | 74.00                         | -32.33                | 151            | 207            | Peak     | VERTICAL     |
| 3              | 1972.00        | 0.27           | 43.52                       | 74.00                         | -30.48                | 184            | 133            | Peak     | VERTICAL     |
| 4              | 2188.00        | 2.08           | 45.24                       | 74.00                         | -28.76                | 175            | 58             | Peak     | VERTICAL     |
| 5              | 2614.00        | 5.74           | 49.40                       | 74.00                         | -24.60                | 185            | 347            | Peak     | VERTICAL     |
| 6              | 2822.00        | 6.53           | 49.63                       | 74.00                         | -24.37                | 188            | 68             | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

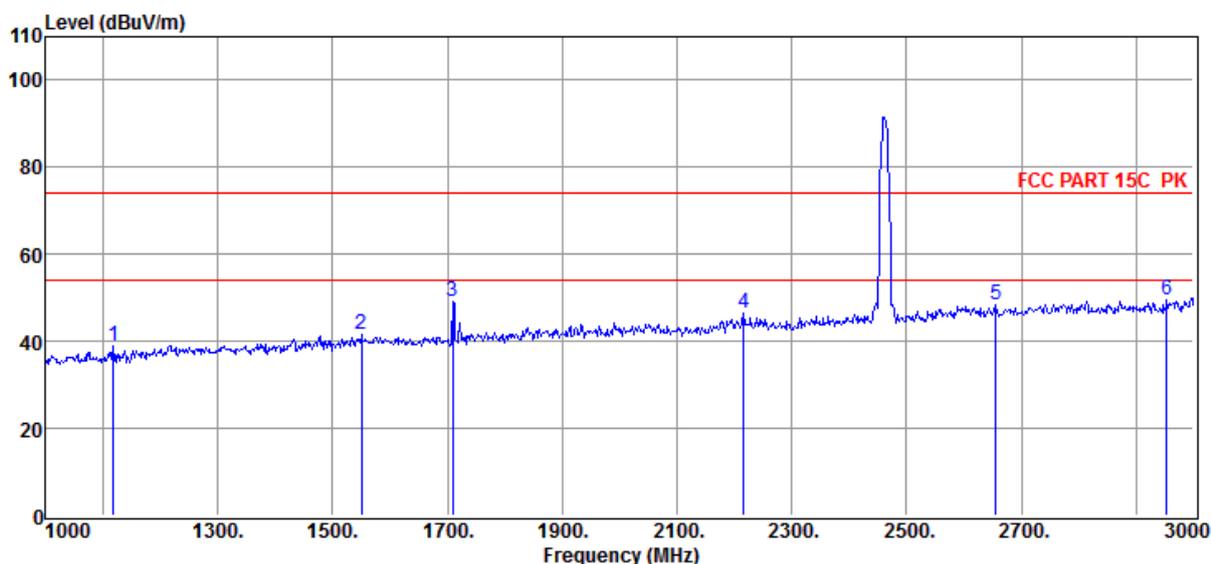
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2462MHz

Data: 113



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1118.00        | -6.59          | 39.08                             | 74.00                               | -34.92                | 174            | 253            | Peak     | VERTICAL     |
| 2              | 1550.00        | -2.46          | 41.58                             | 74.00                               | -32.42                | 151            | 207            | Peak     | VERTICAL     |
| 3              | 1710.00        | -1.87          | 48.99                             | 74.00                               | -25.01                | 184            | 133            | Peak     | VERTICAL     |
| 4              | 2216.00        | 2.37           | 46.44                             | 74.00                               | -27.56                | 175            | 58             | Peak     | VERTICAL     |
| 5              | 2656.00        | 5.37           | 48.53                             | 74.00                               | -25.47                | 185            | 347            | Peak     | VERTICAL     |
| 6              | 2954.00        | 6.76           | 49.36                             | 74.00                               | -24.64                | 188            | 68             | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

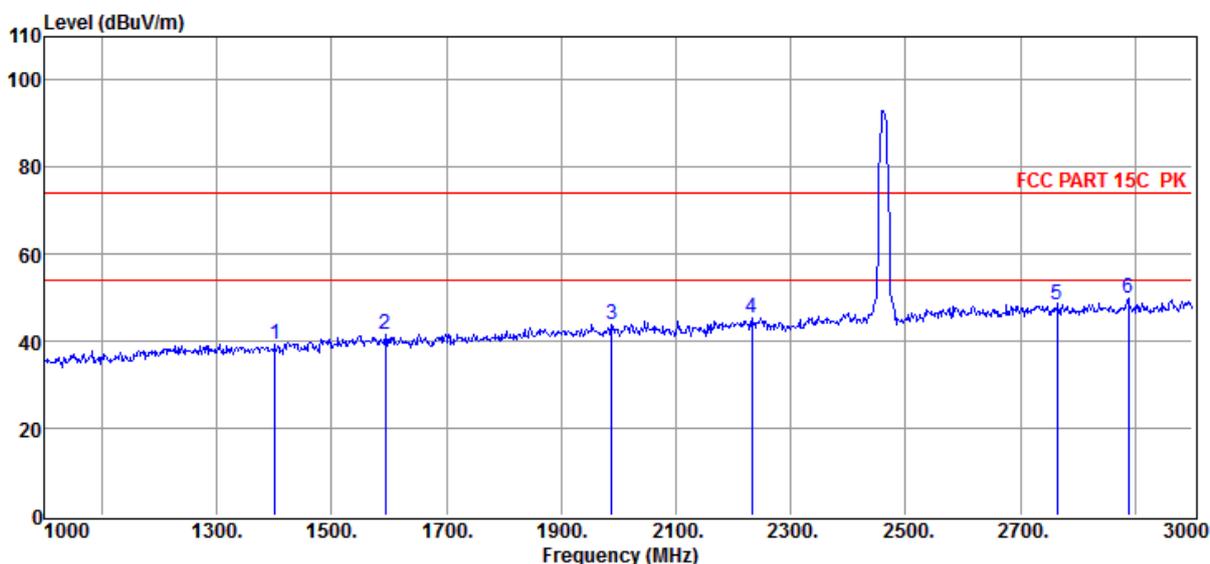
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2462MHz

Data: 114



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1402.00        | -4.08          | 39.39                       | 74.00                         | -34.61                | 165            | 353            | Peak     | HORIZONTAL   |
| 2              | 1594.00        | -2.30          | 41.64                       | 74.00                         | -32.36                | 187            | 79             | Peak     | HORIZONTAL   |
| 3              | 1988.00        | 0.25           | 44.00                       | 74.00                         | -30.00                | 184            | 48             | Peak     | HORIZONTAL   |
| 4              | 2232.00        | 2.37           | 45.45                       | 74.00                         | -28.55                | 160            | 108            | Peak     | HORIZONTAL   |
| 5              | 2764.00        | 6.57           | 48.39                       | 74.00                         | -25.61                | 165            | 269            | Peak     | HORIZONTAL   |
| 6              | 2888.00        | 6.92           | 50.08                       | 74.00                         | -23.92                | 187            | 15             | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

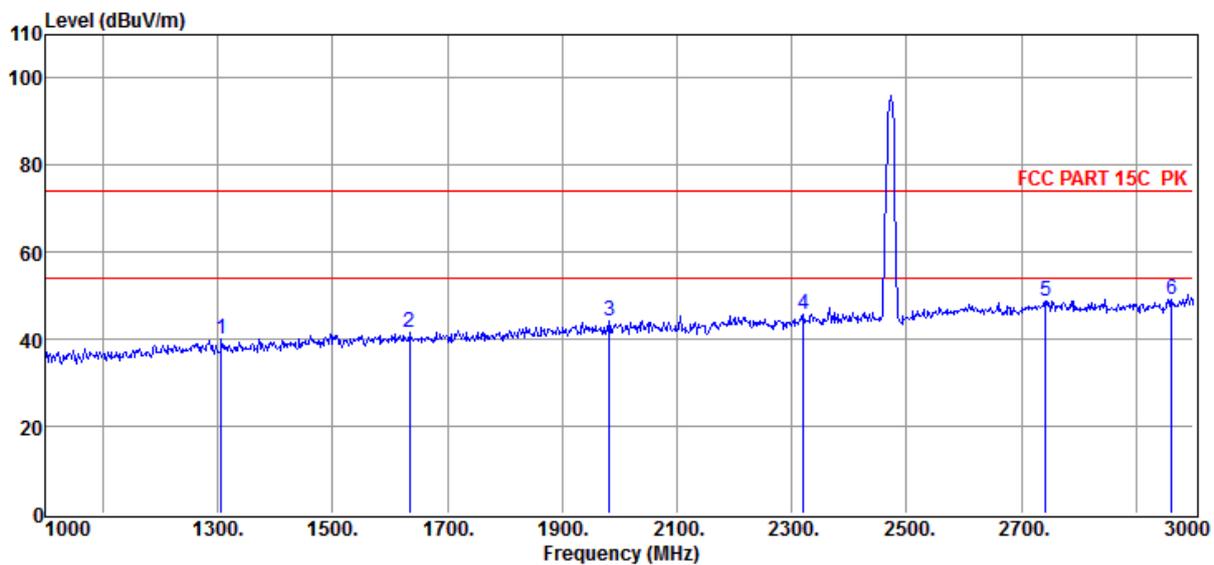
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2472MHz

Data: 115



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1306.00        | -4.65          | 39.91                       | 74.00                         | -34.09                | 178            | 164            | Peak     | HORIZONTAL   |
| 2              | 1634.00        | -2.32          | 41.69                       | 74.00                         | -32.31                | 151            | 275            | Peak     | HORIZONTAL   |
| 3              | 1982.00        | 0.25           | 44.12                       | 74.00                         | -29.88                | 187            | 259            | Peak     | HORIZONTAL   |
| 4              | 2320.00        | 2.42           | 45.62                       | 74.00                         | -28.38                | 170            | 67             | Peak     | HORIZONTAL   |
| 5              | 2742.00        | 6.53           | 48.95                       | 74.00                         | -25.05                | 188            | 247            | Peak     | HORIZONTAL   |
| 6              | 2962.00        | 7.06           | 49.25                       | 74.00                         | -24.75                | 184            | 326            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

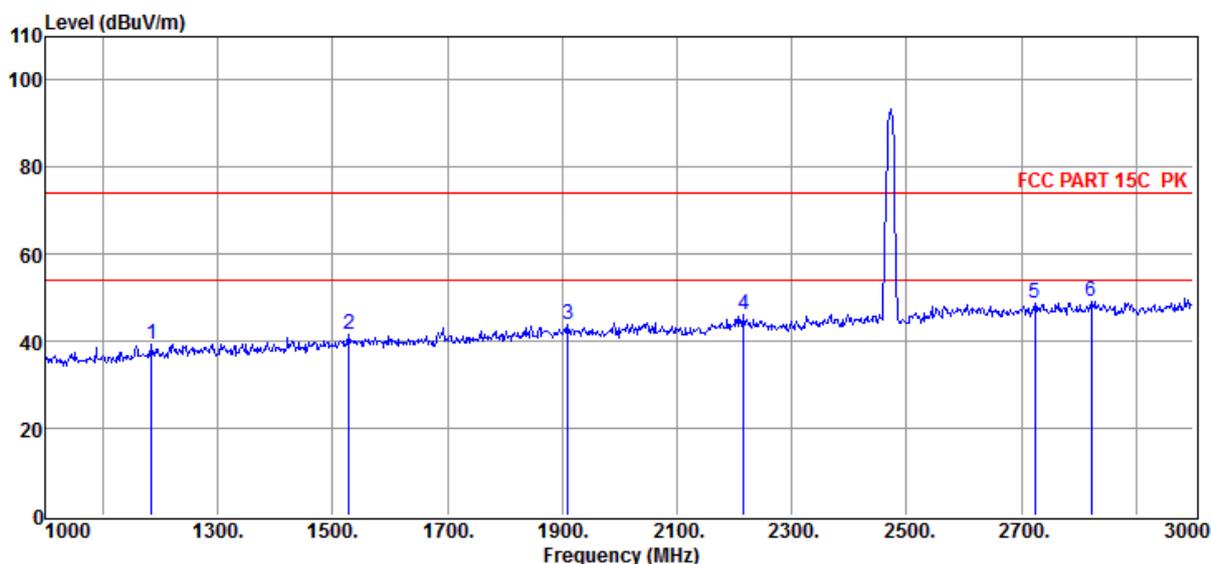
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2472MHz

Data: 116



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1184.00        | -5.64          | 39.45                             | 74.00                               | -34.55                | 154            | 210            | Peak     | VERTICAL     |
| 2              | 1528.00        | -2.67          | 41.52                             | 74.00                               | -32.48                | 189            | 255            | Peak     | VERTICAL     |
| 3              | 1910.00        | 0.00           | 43.96                             | 74.00                               | -30.04                | 150            | 196            | Peak     | VERTICAL     |
| 4              | 2216.00        | 2.37           | 46.00                             | 74.00                               | -28.00                | 155            | 98             | Peak     | VERTICAL     |
| 5              | 2724.00        | 6.27           | 48.72                             | 74.00                               | -25.28                | 185            | 316            | Peak     | VERTICAL     |
| 6              | 2822.00        | 6.53           | 49.22                             | 74.00                               | -24.78                | 174            | 253            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

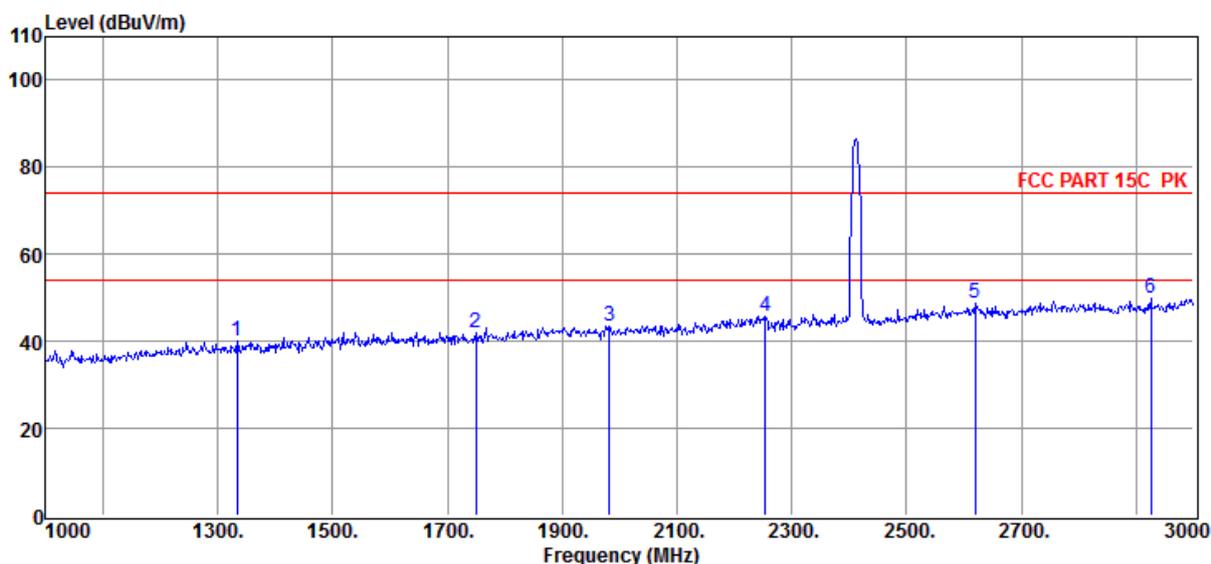
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2412MHz

Data: 117



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1334.00        | -4.46          | 39.94                       | 74.00                         | -34.06                | 190            | 5              | Peak     | VERTICAL     |
| 2              | 1750.00        | -1.44          | 42.13                       | 74.00                         | -31.87                | 179            | 203            | Peak     | VERTICAL     |
| 3              | 1982.00        | 0.25           | 43.65                       | 74.00                         | -30.35                | 163            | 346            | Peak     | VERTICAL     |
| 4              | 2254.00        | 2.34           | 45.81                       | 74.00                         | -28.19                | 158            | 158            | Peak     | VERTICAL     |
| 5              | 2620.00        | 5.67           | 48.59                       | 74.00                         | -25.41                | 150            | 201            | Peak     | VERTICAL     |
| 6              | 2926.00        | 6.79           | 49.73                       | 74.00                         | -24.27                | 183            | 205            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

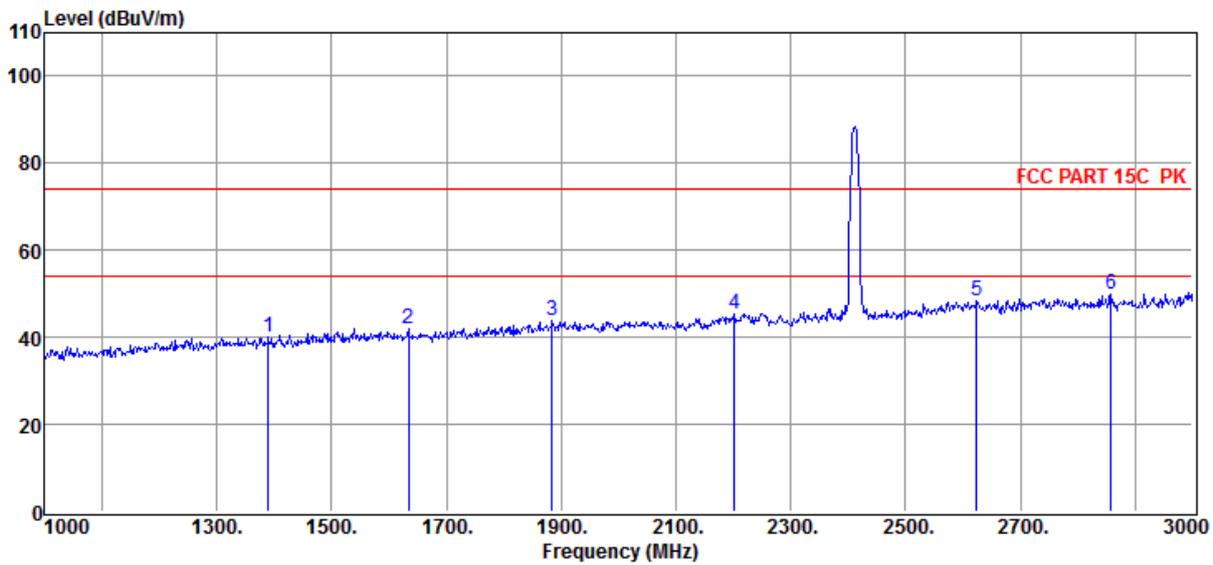
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2412MHz

Data: 118



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1390.00        | -4.15          | 40.19                       | 74.00                         | -33.81                | 180            | 130            | Peak     | HORIZONTAL   |
| 2              | 1634.00        | -2.32          | 42.12                       | 74.00                         | -31.88                | 184            | 245            | Peak     | HORIZONTAL   |
| 3              | 1884.00        | -0.16          | 43.68                       | 74.00                         | -30.32                | 156            | 121            | Peak     | HORIZONTAL   |
| 4              | 2202.00        | 2.37           | 45.52                       | 74.00                         | -28.48                | 155            | 14             | Peak     | HORIZONTAL   |
| 5              | 2624.00        | 5.62           | 48.36                       | 74.00                         | -25.64                | 165            | 265            | Peak     | HORIZONTAL   |
| 6              | 2858.00        | 6.76           | 50.00                       | 74.00                         | -24.00                | 158            | 166            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

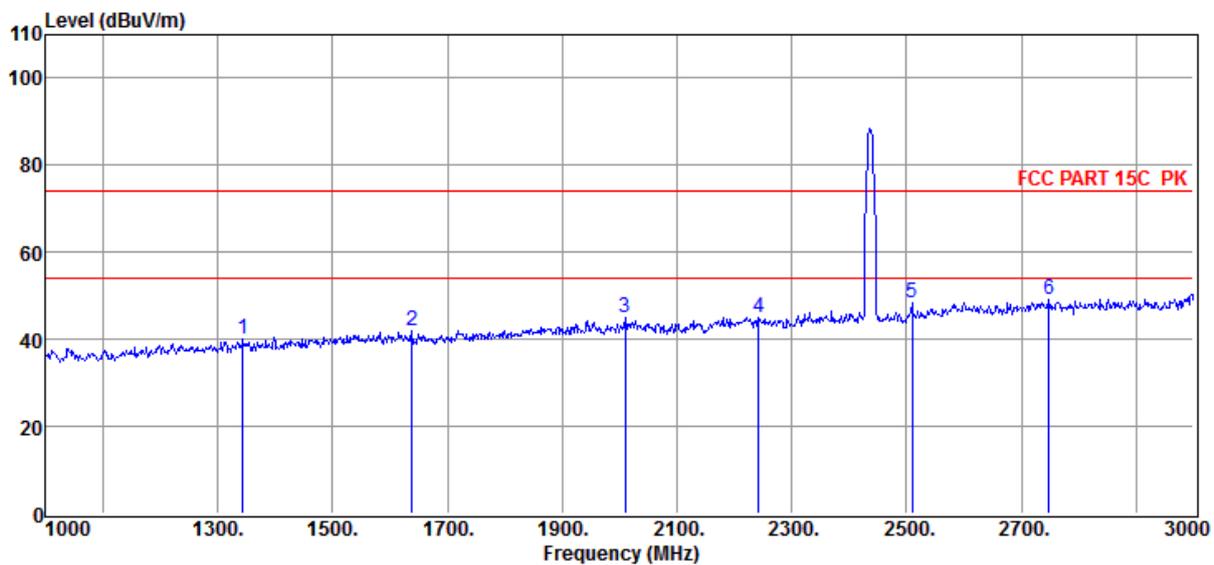
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2437MHz

Data: 119



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1344.00        | -4.40          | 40.12                       | 74.00                         | -33.88                | 159            | 96             | Peak     | HORIZONTAL   |
| 2              | 1638.00        | -2.34          | 41.88                       | 74.00                         | -32.12                | 161            | 142            | Peak     | HORIZONTAL   |
| 3              | 2010.00        | 0.42           | 44.86                       | 74.00                         | -29.14                | 185            | 234            | Peak     | HORIZONTAL   |
| 4              | 2242.00        | 2.37           | 45.09                       | 74.00                         | -28.91                | 184            | 301            | Peak     | HORIZONTAL   |
| 5              | 2510.00        | 3.87           | 48.41                       | 74.00                         | -25.59                | 152            | 257            | Peak     | HORIZONTAL   |
| 6              | 2748.00        | 6.62           | 49.33                       | 74.00                         | -24.67                | 186            | 223            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

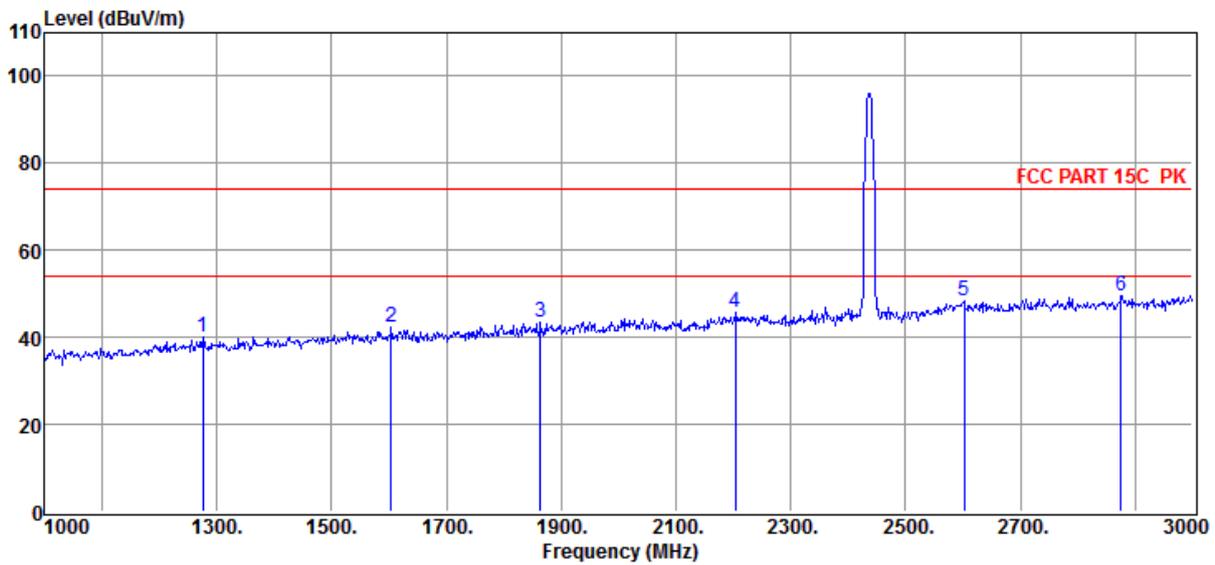
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2437MHz

Data: 120



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1276.00        | -4.70          | 40.20                             | 74.00                               | -33.80                | 172            | 144            | Peak     | VERTICAL     |
| 2              | 1604.00        | -2.28          | 42.28                             | 74.00                               | -31.72                | 178            | 221            | Peak     | VERTICAL     |
| 3              | 1864.00        | -0.26          | 43.59                             | 74.00                               | -30.41                | 184            | 122            | Peak     | VERTICAL     |
| 4              | 2204.00        | 2.37           | 45.80                             | 74.00                               | -28.20                | 158            | 232            | Peak     | VERTICAL     |
| 5              | 2602.00        | 5.88           | 48.55                             | 74.00                               | -25.45                | 179            | 167            | Peak     | VERTICAL     |
| 6              | 2876.00        | 6.86           | 49.70                             | 74.00                               | -24.30                | 174            | 127            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

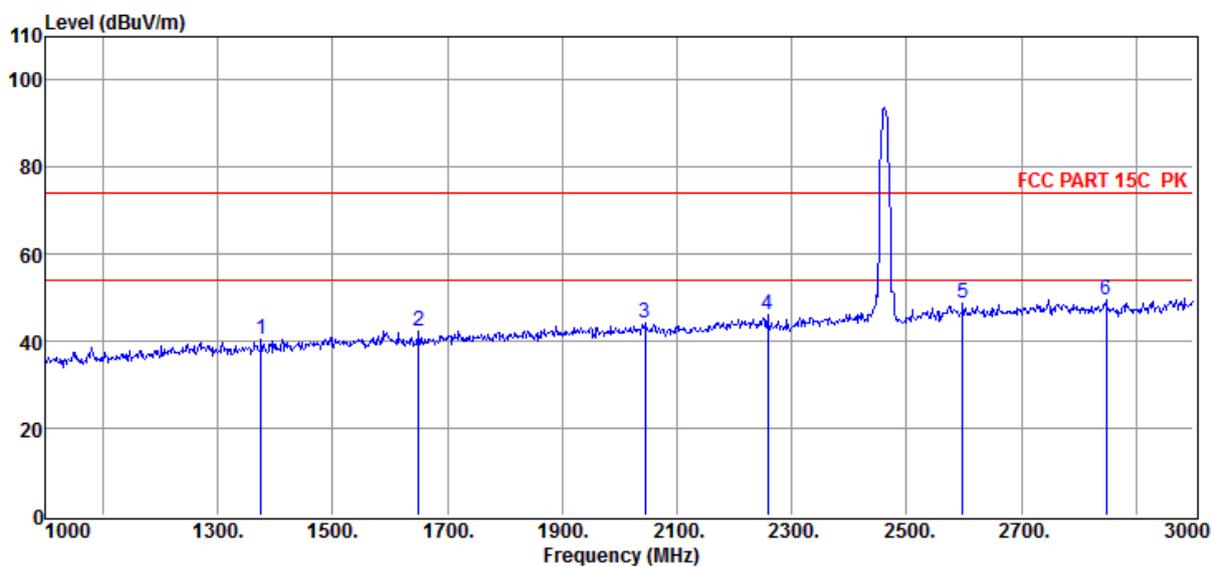
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2462MHz

Data: 121



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1376.00        | -4.23          | 40.33                       | 74.00                         | -33.67                | 172            | 177            | Peak     | VERTICAL     |
| 2              | 1650.00        | -2.35          | 42.35                       | 74.00                         | -31.65                | 154            | 9              | Peak     | VERTICAL     |
| 3              | 2044.00        | 1.05           | 44.36                       | 74.00                         | -29.64                | 185            | 315            | Peak     | VERTICAL     |
| 4              | 2258.00        | 2.29           | 45.98                       | 74.00                         | -28.02                | 152            | 146            | Peak     | VERTICAL     |
| 5              | 2598.00        | 5.87           | 48.76                       | 74.00                         | -25.24                | 171            | 188            | Peak     | VERTICAL     |
| 6              | 2848.00        | 6.69           | 49.46                       | 74.00                         | -24.54                | 184            | 199            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

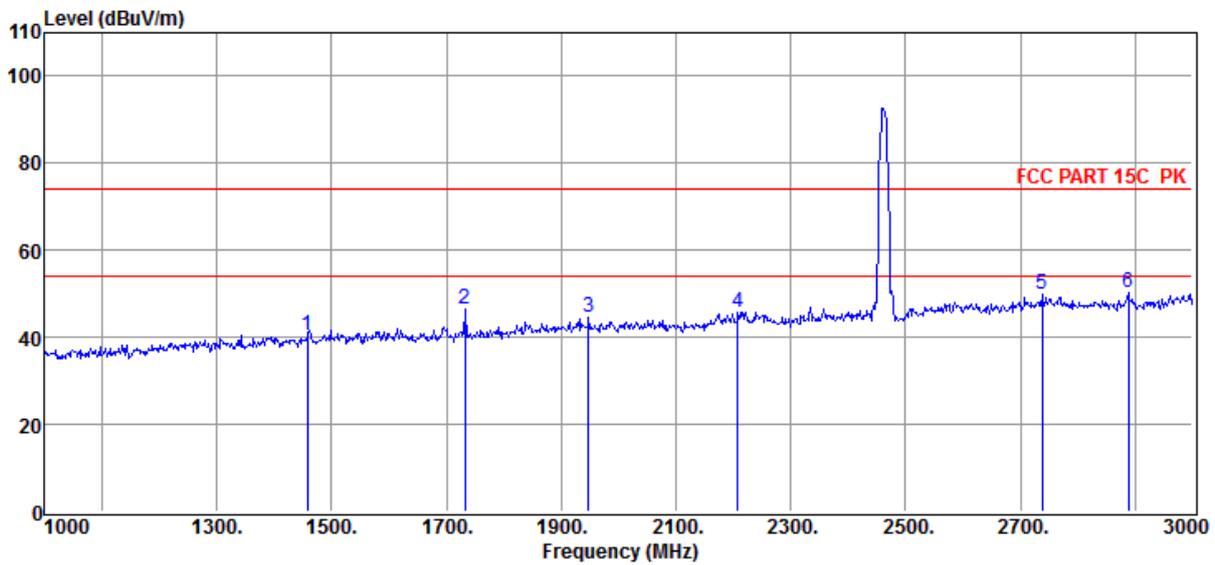
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2462MHz

Data: 122



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1458.00        | -3.40          | 40.63                       | 74.00                         | -33.37                | 165            | 341            | Peak     | HORIZONTAL   |
| 2              | 1732.00        | -1.64          | 46.40                       | 74.00                         | -27.60                | 185            | 73             | Peak     | HORIZONTAL   |
| 3              | 1948.00        | 0.29           | 44.54                       | 74.00                         | -29.46                | 175            | 223            | Peak     | HORIZONTAL   |
| 4              | 2208.00        | 2.37           | 45.86                       | 74.00                         | -28.14                | 183            | 333            | Peak     | HORIZONTAL   |
| 5              | 2738.00        | 6.48           | 49.98                       | 74.00                         | -24.02                | 153            | 200            | Peak     | HORIZONTAL   |
| 6              | 2888.00        | 6.92           | 50.26                       | 74.00                         | -23.74                | 161            | 359            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

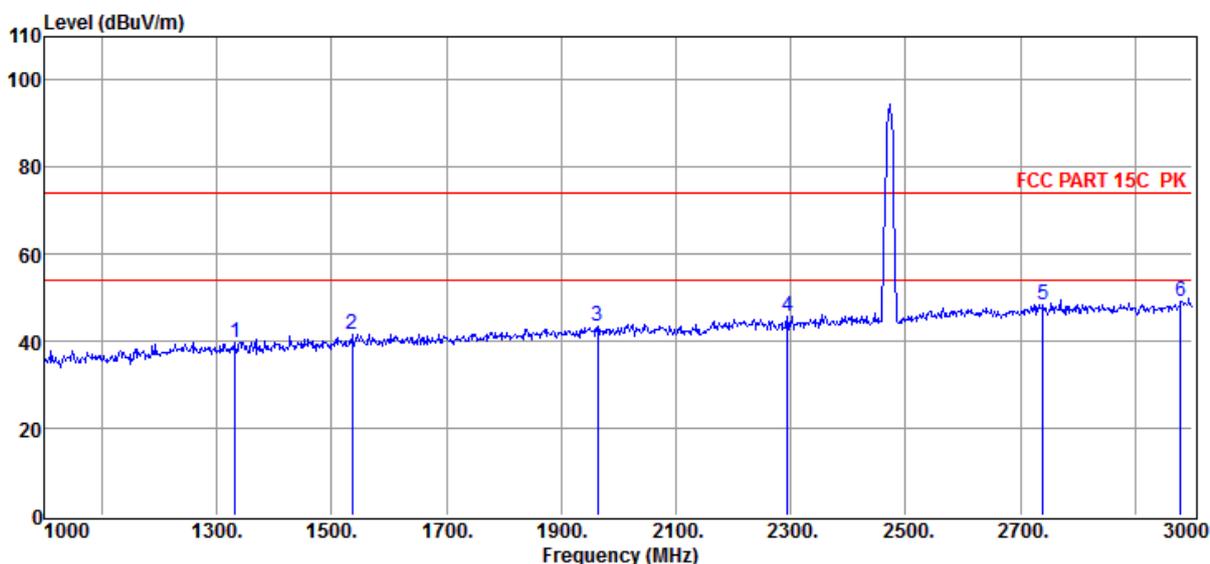
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2472MHz

Data: 123



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1332.00        | -4.48          | 39.87                             | 74.00                               | -34.13                | 171            | 312            | Peak     | HORIZONTAL   |
| 2              | 1536.00        | -2.59          | 41.64                             | 74.00                               | -32.36                | 152            | 26             | Peak     | HORIZONTAL   |
| 3              | 1964.00        | 0.28           | 43.35                             | 74.00                               | -30.65                | 178            | 17             | Peak     | HORIZONTAL   |
| 4              | 2294.00        | 1.96           | 45.83                             | 74.00                               | -28.17                | 185            | 208            | Peak     | HORIZONTAL   |
| 5              | 2740.00        | 6.50           | 48.45                             | 74.00                               | -25.55                | 150            | 356            | Peak     | HORIZONTAL   |
| 6              | 2980.00        | 7.71           | 49.17                             | 74.00                               | -24.83                | 150            | 123            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

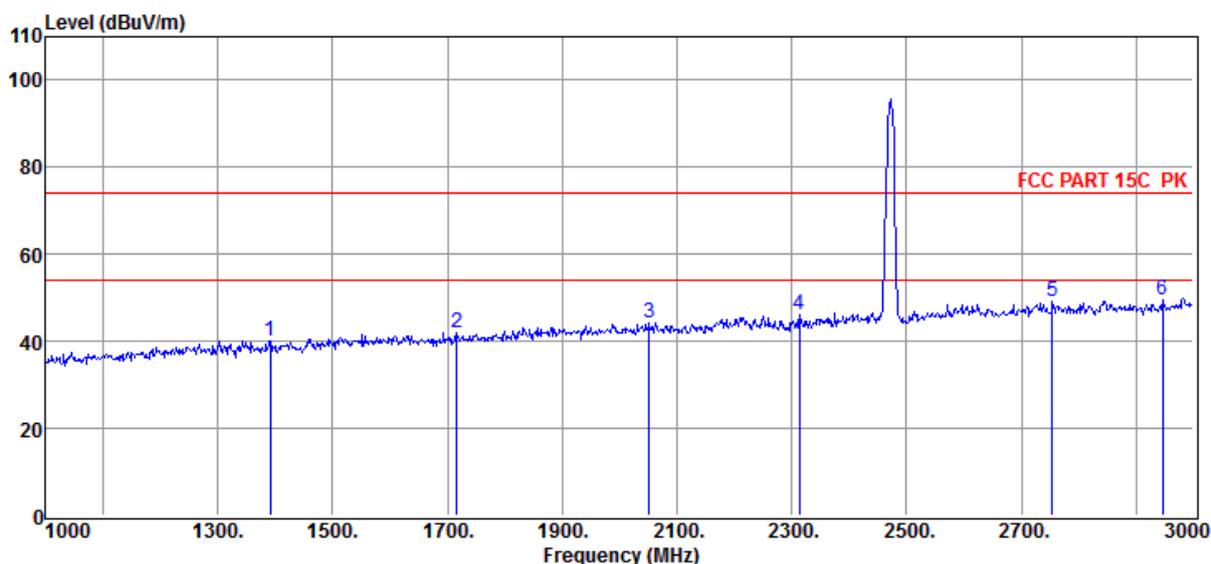
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2472MHz

Data: 124



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 1392.00        | -4.14          | 40.01                       | 74.00                         | -33.99                | 163            | 279            | Peak     | VERTICAL     |
| 2              | 1716.00        | -1.80          | 41.89                       | 74.00                         | -32.11                | 173            | 228            | Peak     | VERTICAL     |
| 3              | 2052.00        | 1.14           | 44.10                       | 74.00                         | -29.90                | 151            | 349            | Peak     | VERTICAL     |
| 4              | 2314.00        | 2.27           | 46.02                       | 74.00                         | -27.98                | 190            | 245            | Peak     | VERTICAL     |
| 5              | 2754.00        | 6.63           | 49.16                       | 74.00                         | -24.84                | 169            | 55             | Peak     | VERTICAL     |
| 6              | 2946.00        | 6.65           | 49.50                       | 74.00                         | -24.50                | 188            | 117            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission test (3 GHz – 18GHz)

**Radiated Emission Test Result**

Test Site : 10m Chamber

Test Date : 12-07-2021

Tested By : Sunny

EUT : Mobile Handset

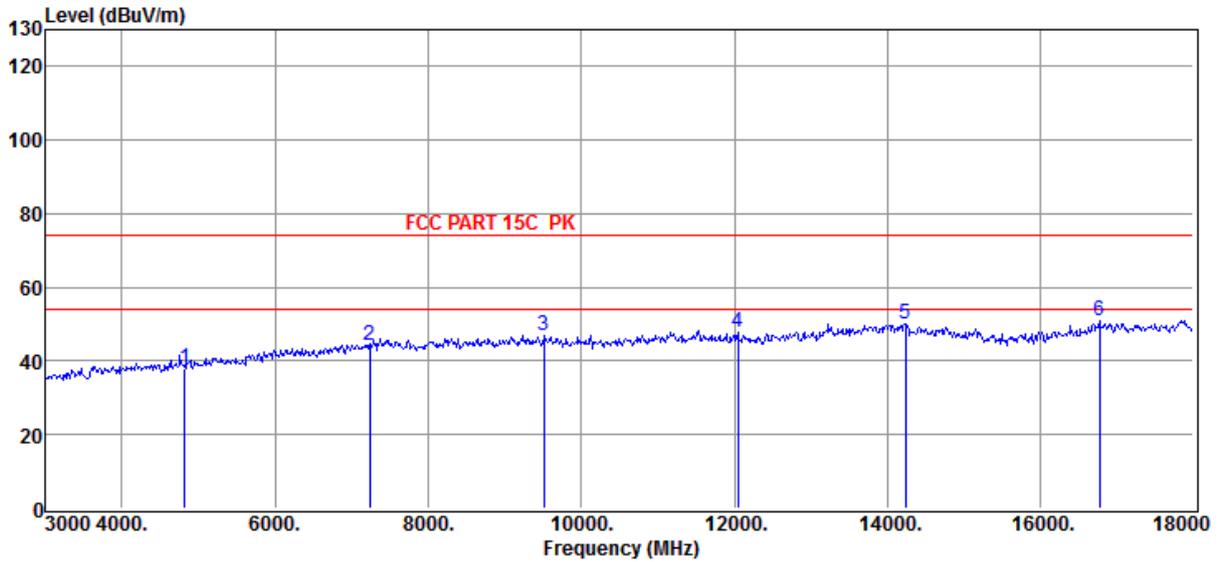
Model Number : LM-X430EMW

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2412MHz

Data: 81



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4824.00        | 0.83           | 37.91                       | 74.00                         | -36.09                | 151            | 192            | Peak     | VERTICAL     |
| 2              | 7236.00        | 6.19           | 44.36                       | 74.00                         | -29.64                | 182            | 9              | Peak     | VERTICAL     |
| 3              | 9510.00        | 7.82           | 47.10                       | 74.00                         | -26.90                | 171            | 234            | Peak     | VERTICAL     |
| 4              | 12045.00       | 9.84           | 47.99                       | 74.00                         | -26.01                | 151            | 289            | Peak     | VERTICAL     |
| 5              | 14235.00       | 13.64          | 49.92                       | 74.00                         | -24.08                | 175            | 341            | Peak     | VERTICAL     |
| 6              | 16770.00       | 15.08          | 50.72                       | 74.00                         | -23.28                | 177            | 98             | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

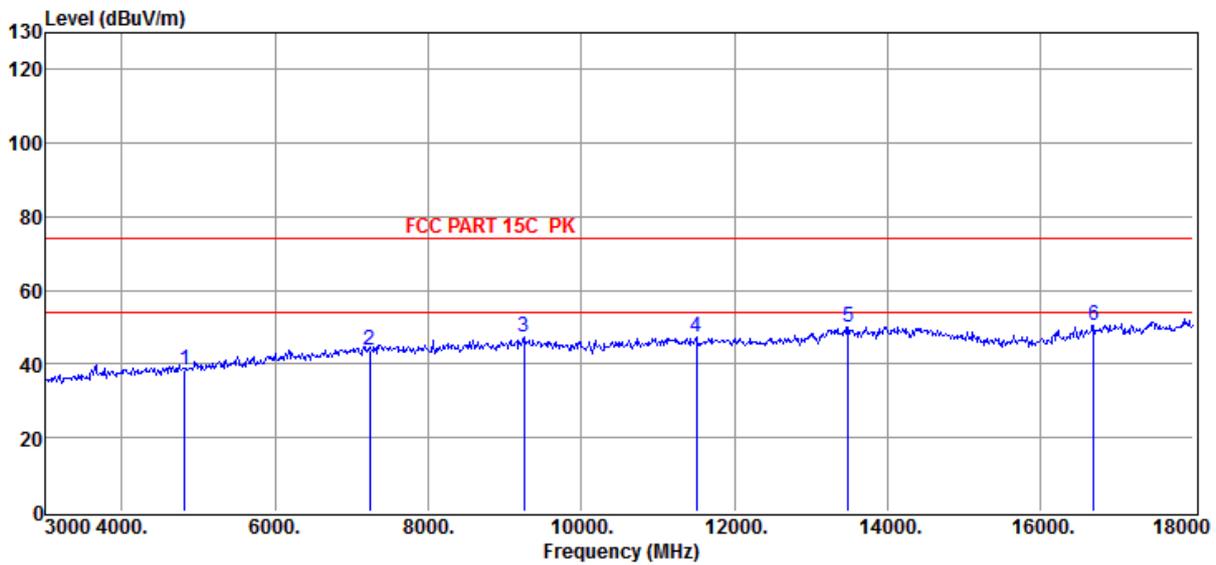
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2412MHz

Data: 82



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4824.00        | 0.83           | 38.53                             | 74.00                               | -35.47                | 158            | 45             | Peak     | HORIZONTAL   |
| 2              | 7236.00        | 6.19           | 44.00                             | 74.00                               | -30.00                | 158            | 88             | Peak     | HORIZONTAL   |
| 3              | 9255.00        | 7.49           | 47.46                             | 74.00                               | -26.54                | 189            | 138            | Peak     | HORIZONTAL   |
| 4              | 11505.00       | 10.09          | 47.25                             | 74.00                               | -26.75                | 187            | 251            | Peak     | HORIZONTAL   |
| 5              | 13485.00       | 11.25          | 50.17                             | 74.00                               | -23.83                | 168            | 82             | Peak     | HORIZONTAL   |
| 6              | 16695.00       | 14.20          | 50.29                             | 74.00                               | -23.71                | 167            | 261            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

# Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

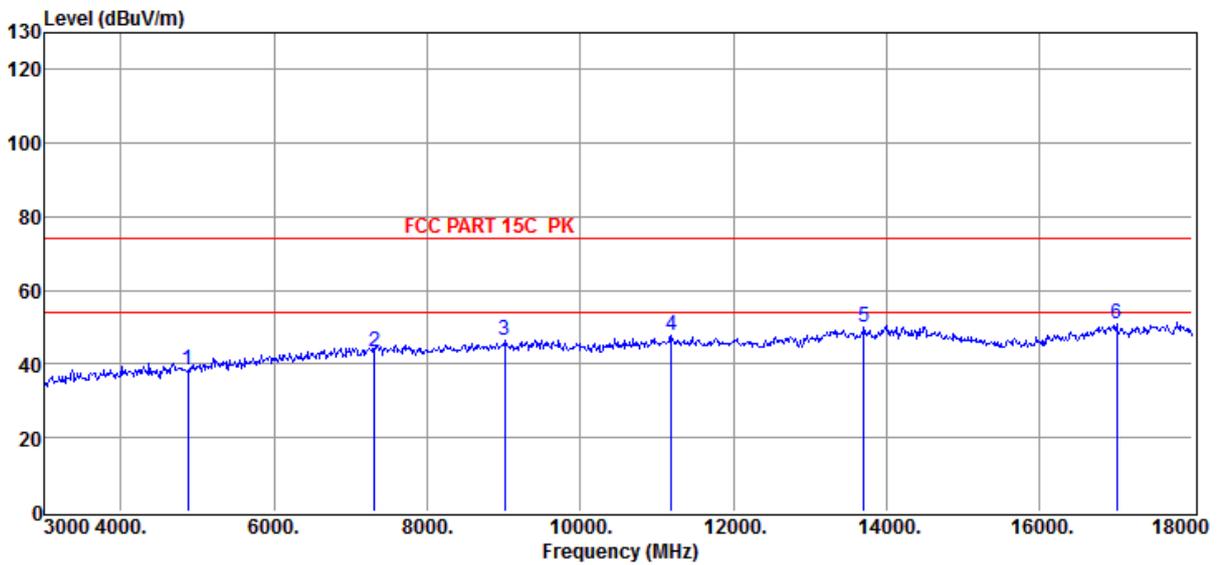
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2437MHz

Data: 79



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4874.00        | 0.92           | 38.32                       | 74.00                         | -35.68                | 150            | 232            | Peak     | HORIZONTAL   |
| 2              | 7311.00        | 6.34           | 43.32                       | 74.00                         | -30.68                | 154            | 148            | Peak     | HORIZONTAL   |
| 3              | 9015.00        | 7.16           | 46.65                       | 74.00                         | -27.35                | 169            | 23             | Peak     | HORIZONTAL   |
| 4              | 11190.00       | 10.36          | 47.68                       | 74.00                         | -26.32                | 159            | 311            | Peak     | HORIZONTAL   |
| 5              | 13710.00       | 11.91          | 49.84                       | 74.00                         | -24.16                | 182            | 174            | Peak     | HORIZONTAL   |
| 6              | 17010.00       | 16.24          | 50.77                       | 74.00                         | -23.23                | 188            | 108            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

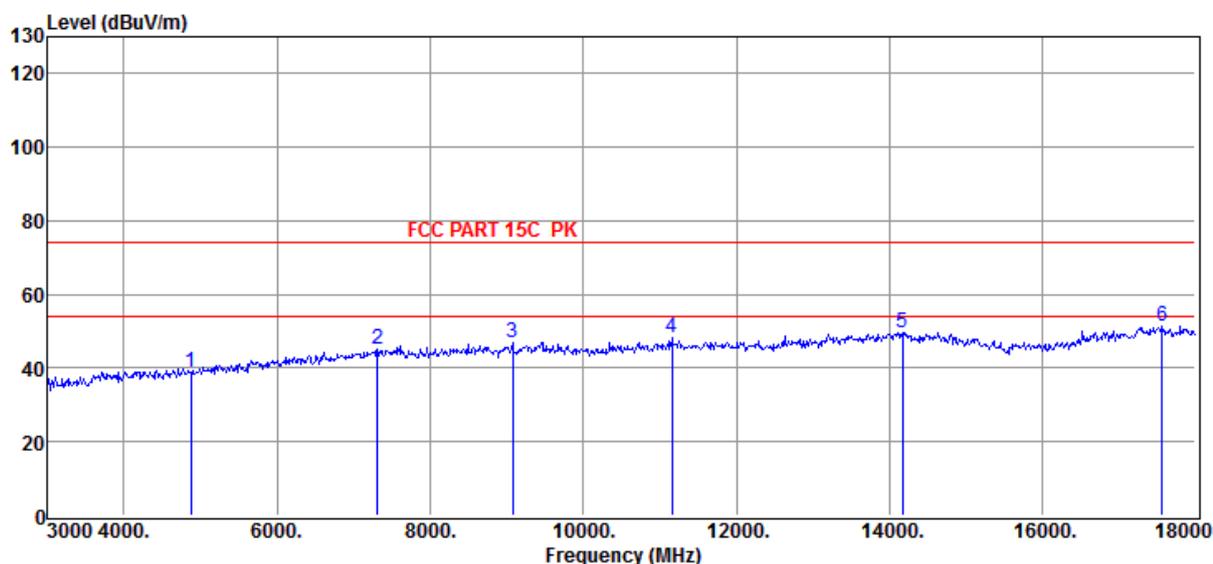
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2437MHz

Data: 80



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4874.00        | 0.92           | 38.98                       | 74.00                         | -35.02                | 159            | 206            | Peak     | VERTICAL     |
| 2              | 7311.00        | 6.34           | 45.16                       | 74.00                         | -28.84                | 173            | 305            | Peak     | VERTICAL     |
| 3              | 9075.00        | 7.08           | 46.84                       | 74.00                         | -27.16                | 174            | 100            | Peak     | VERTICAL     |
| 4              | 11160.00       | 10.24          | 48.06                       | 74.00                         | -25.94                | 162            | 226            | Peak     | VERTICAL     |
| 5              | 14175.00       | 13.83          | 49.81                       | 74.00                         | -24.19                | 175            | 84             | Peak     | VERTICAL     |
| 6              | 17565.00       | 15.48          | 51.29                       | 74.00                         | -22.71                | 169            | 101            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

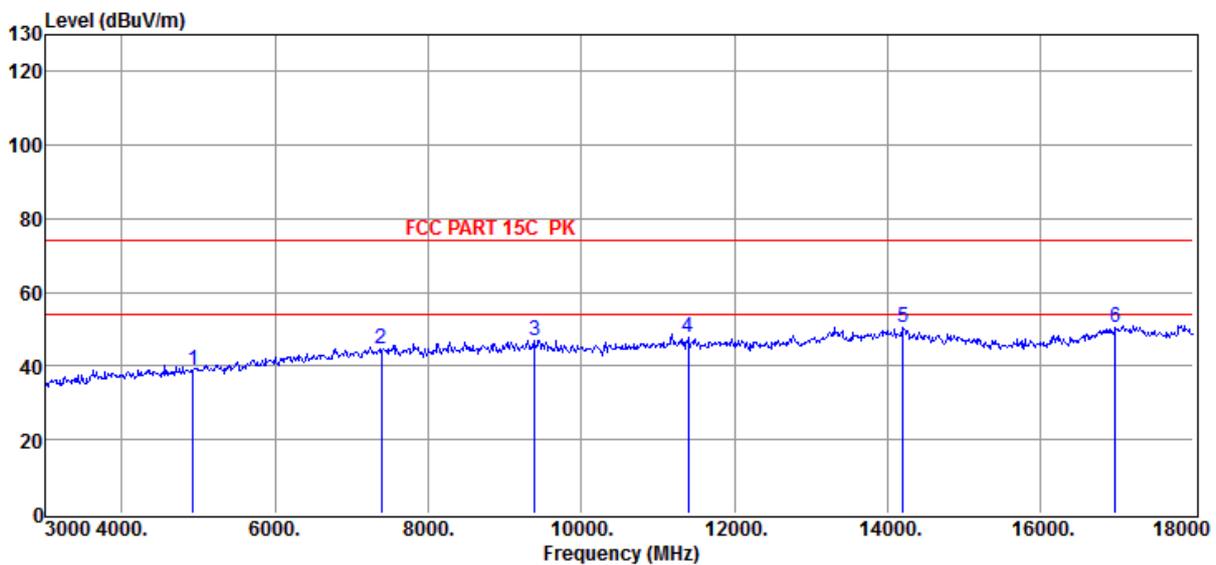
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2462MHz

Data: 77



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4924.00        | 1.07           | 38.81                             | 74.00                               | -35.19                | 183            | 340            | Peak     | VERTICAL     |
| 2              | 7386.00        | 6.24           | 44.72                             | 74.00                               | -29.28                | 152            | 298            | Peak     | VERTICAL     |
| 3              | 9390.00        | 8.13           | 47.05                             | 74.00                               | -26.95                | 167            | 42             | Peak     | VERTICAL     |
| 4              | 11400.00       | 10.06          | 47.68                             | 74.00                               | -26.32                | 188            | 216            | Peak     | VERTICAL     |
| 5              | 14205.00       | 14.01          | 50.61                             | 74.00                               | -23.39                | 174            | 252            | Peak     | VERTICAL     |
| 6              | 16980.00       | 16.03          | 50.28                             | 74.00                               | -23.72                | 165            | 348            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

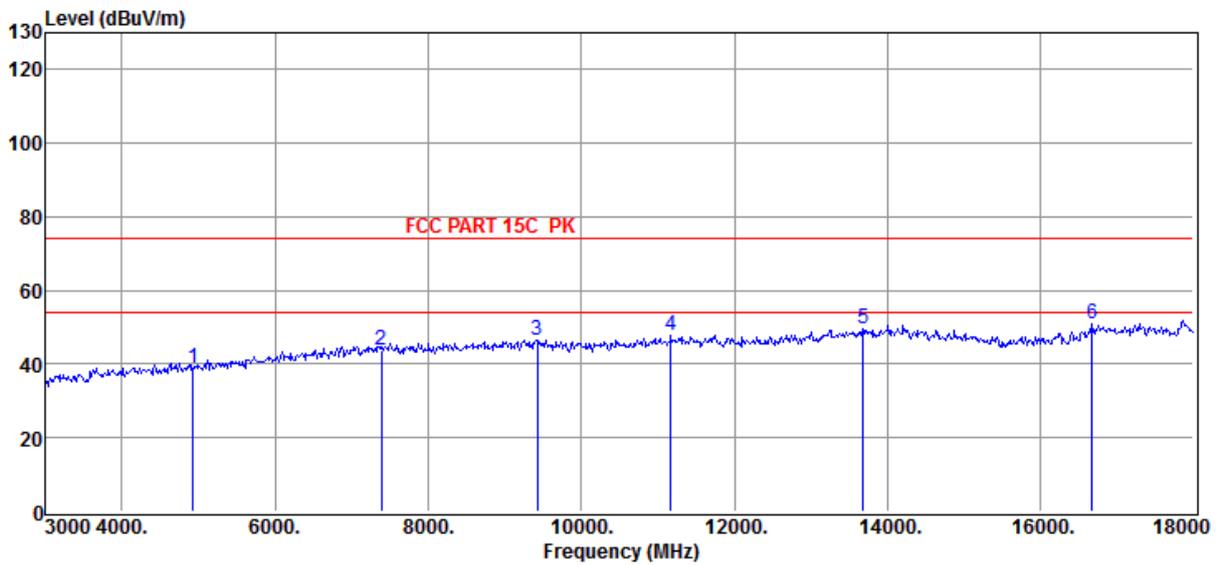
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2462MHz

Data: 78



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4924.00        | 1.07           | 39.08                             | 74.00                               | -34.92                | 169            | 282            | Peak     | HORIZONTAL   |
| 2              | 7386.00        | 6.24           | 43.97                             | 74.00                               | -30.03                | 164            | 75             | Peak     | HORIZONTAL   |
| 3              | 9420.00        | 8.11           | 46.49                             | 74.00                               | -27.51                | 155            | 354            | Peak     | HORIZONTAL   |
| 4              | 11175.00       | 10.30          | 47.93                             | 74.00                               | -26.07                | 177            | 329            | Peak     | HORIZONTAL   |
| 5              | 13680.00       | 11.81          | 49.47                             | 74.00                               | -24.53                | 154            | 38             | Peak     | HORIZONTAL   |
| 6              | 16680.00       | 14.17          | 50.95                             | 74.00                               | -23.05                | 171            | 165            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

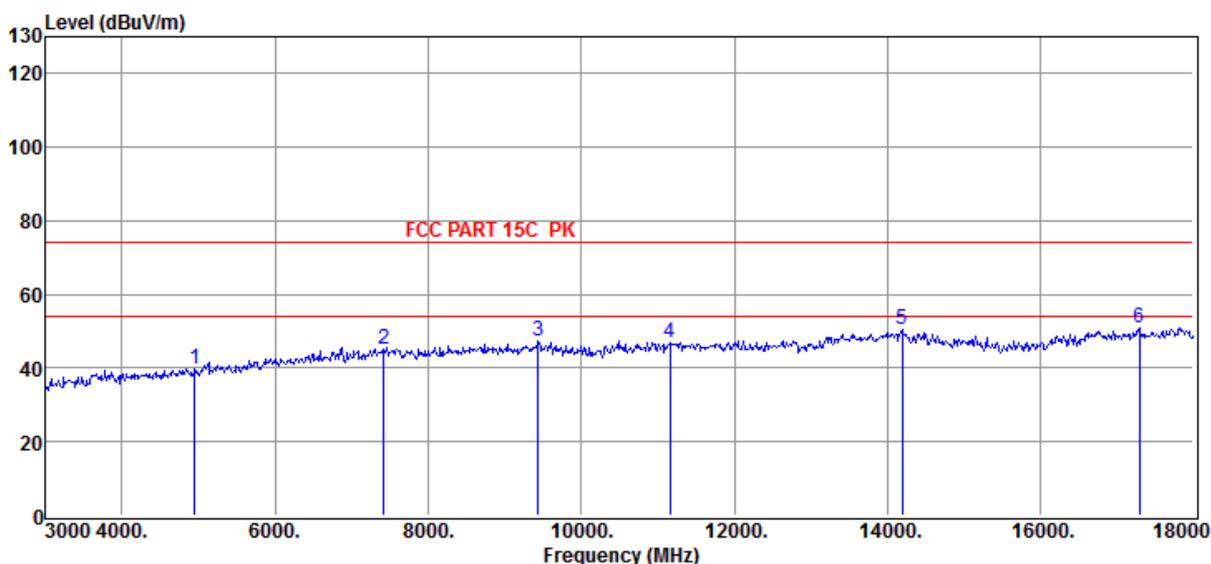
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2472MHz

Data: 75



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4944.00        | 1.18           | 39.98                       | 74.00                         | -34.02                | 172            | 27             | Peak     | HORIZONTAL   |
| 2              | 7416.00        | 6.24           | 45.14                       | 74.00                         | -28.86                | 161            | 269            | Peak     | HORIZONTAL   |
| 3              | 9435.00        | 8.05           | 47.24                       | 74.00                         | -26.76                | 169            | 333            | Peak     | HORIZONTAL   |
| 4              | 11160.00       | 10.24          | 47.07                       | 74.00                         | -26.93                | 188            | 121            | Peak     | HORIZONTAL   |
| 5              | 14190.00       | 13.97          | 50.26                       | 74.00                         | -23.74                | 154            | 229            | Peak     | HORIZONTAL   |
| 6              | 17295.00       | 15.81          | 51.01                       | 74.00                         | -22.99                | 181            | 219            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

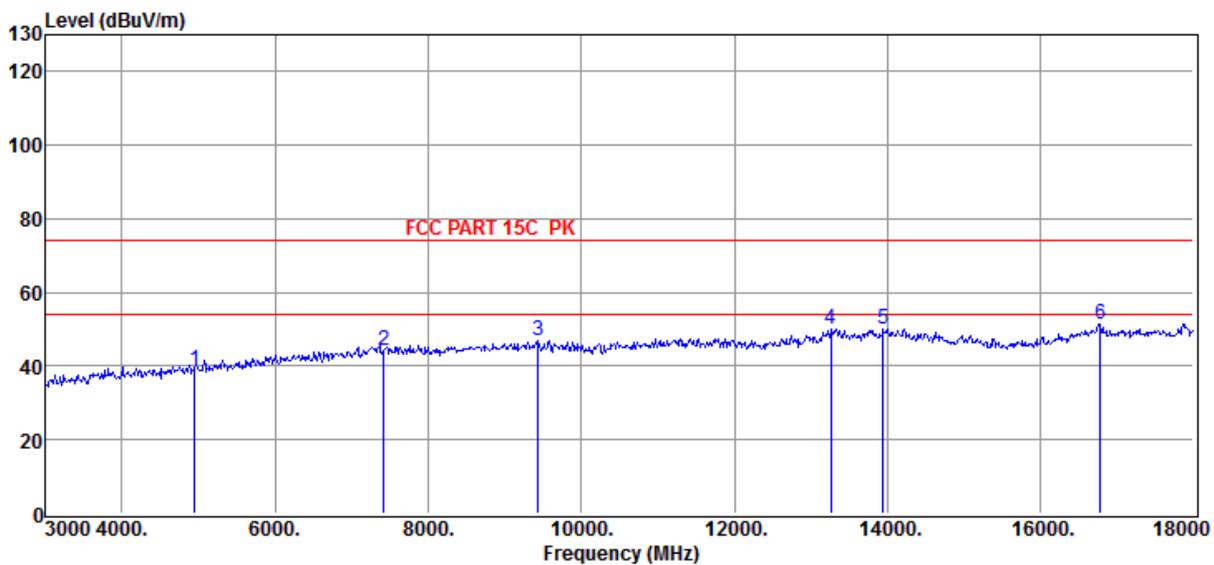
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2472MHz

Data: 76



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4944.00        | 1.18           | 38.85                       | 74.00                         | -35.15                | 178            | 347            | Peak     | VERTICAL     |
| 2              | 7416.00        | 6.24           | 44.39                       | 74.00                         | -29.61                | 152            | 189            | Peak     | VERTICAL     |
| 3              | 9435.00        | 8.05           | 46.95                       | 74.00                         | -27.05                | 157            | 182            | Peak     | VERTICAL     |
| 4              | 13260.00       | 10.66          | 50.23                       | 74.00                         | -23.77                | 190            | 98             | Peak     | VERTICAL     |
| 5              | 13950.00       | 12.79          | 49.97                       | 74.00                         | -24.03                | 173            | 299            | Peak     | VERTICAL     |
| 6              | 16785.00       | 15.26          | 51.49                       | 74.00                         | -22.51                | 181            | 48             | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

# Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

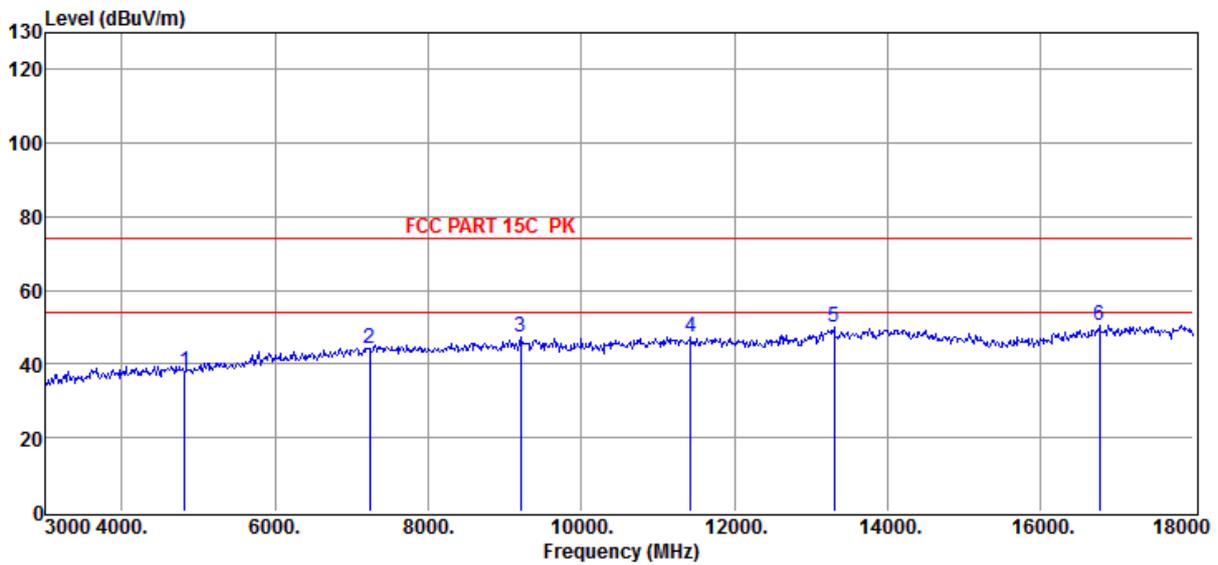
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2412MHz

Data: 67



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4824.00        | 0.83           | 38.13                       | 74.00                         | -35.87                | 186            | 105            | Peak     | VERTICAL     |
| 2              | 7236.00        | 6.19           | 44.11                       | 74.00                         | -29.89                | 158            | 14             | Peak     | VERTICAL     |
| 3              | 9210.00        | 7.32           | 47.19                       | 74.00                         | -26.81                | 168            | 113            | Peak     | VERTICAL     |
| 4              | 11430.00       | 10.07          | 47.33                       | 74.00                         | -26.67                | 174            | 34             | Peak     | VERTICAL     |
| 5              | 13305.00       | 10.92          | 49.85                       | 74.00                         | -24.15                | 173            | 341            | Peak     | VERTICAL     |
| 6              | 16770.00       | 15.08          | 50.66                       | 74.00                         | -23.34                | 164            | 151            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 12-07-2021

Tested By : Sunny

EUT : Mobile Handset

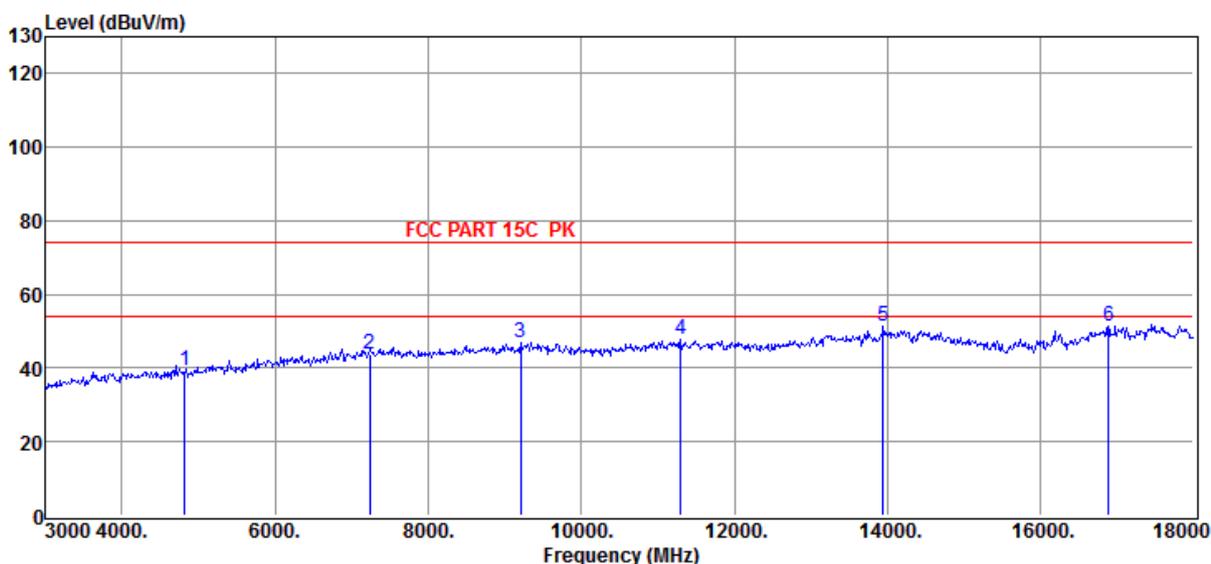
Model Number : LM-X430EMW

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2412MHz

Data: 68



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4824.00        | 0.83           | 39.37                             | 74.00                               | -34.63                | 158            | 320            | Peak     | HORIZONTAL   |
| 2              | 7236.00        | 6.19           | 43.57                             | 74.00                               | -30.43                | 166            | 136            | Peak     | HORIZONTAL   |
| 3              | 9210.00        | 7.32           | 46.82                             | 74.00                               | -27.18                | 162            | 19             | Peak     | HORIZONTAL   |
| 4              | 11295.00       | 10.11          | 47.83                             | 74.00                               | -26.17                | 167            | 282            | Peak     | HORIZONTAL   |
| 5              | 13950.00       | 12.79          | 51.16                             | 74.00                               | -22.84                | 181            | 242            | Peak     | HORIZONTAL   |
| 6              | 16890.00       | 14.93          | 51.31                             | 74.00                               | -22.69                | 176            | 340            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-09-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

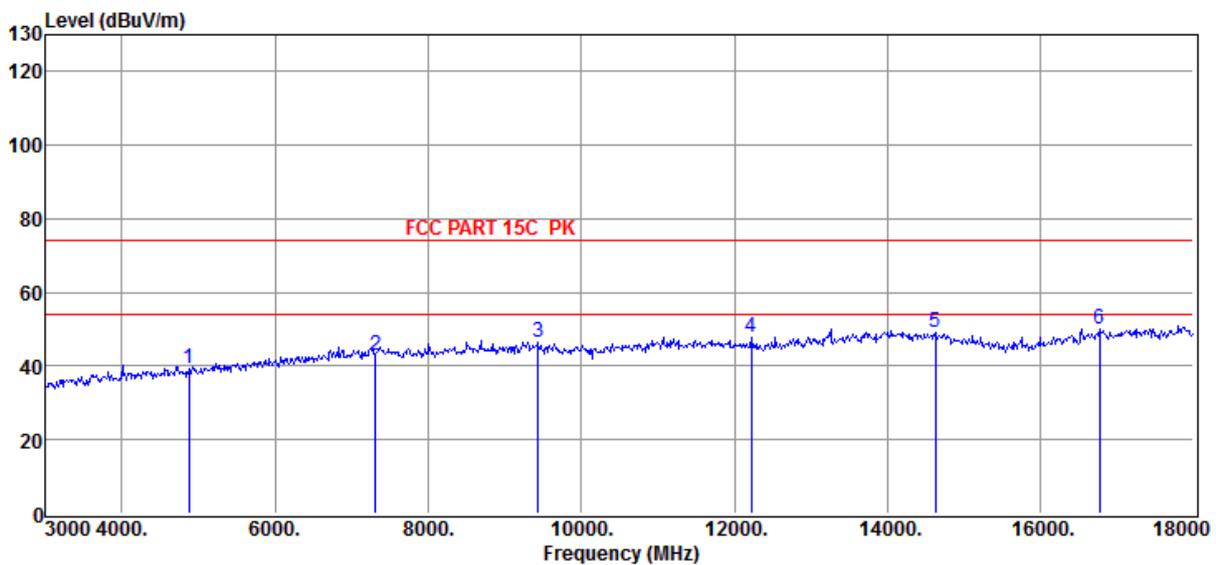
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2437MHz

Data: 69



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4874.00        | 0.92           | 39.32                             | 74.00                               | -34.68                | 165            | 313            | Peak     | HORIZONTAL   |
| 2              | 7311.00        | 6.34           | 43.03                             | 74.00                               | -30.97                | 189            | 106            | Peak     | HORIZONTAL   |
| 3              | 9435.00        | 8.05           | 46.67                             | 74.00                               | -27.33                | 188            | 169            | Peak     | HORIZONTAL   |
| 4              | 12225.00       | 9.58           | 47.74                             | 74.00                               | -26.26                | 178            | 314            | Peak     | HORIZONTAL   |
| 5              | 14625.00       | 13.30          | 49.15                             | 74.00                               | -24.85                | 157            | 305            | Peak     | HORIZONTAL   |
| 6              | 16770.00       | 15.08          | 50.06                             | 74.00                               | -23.94                | 150            | 6              | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-09-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

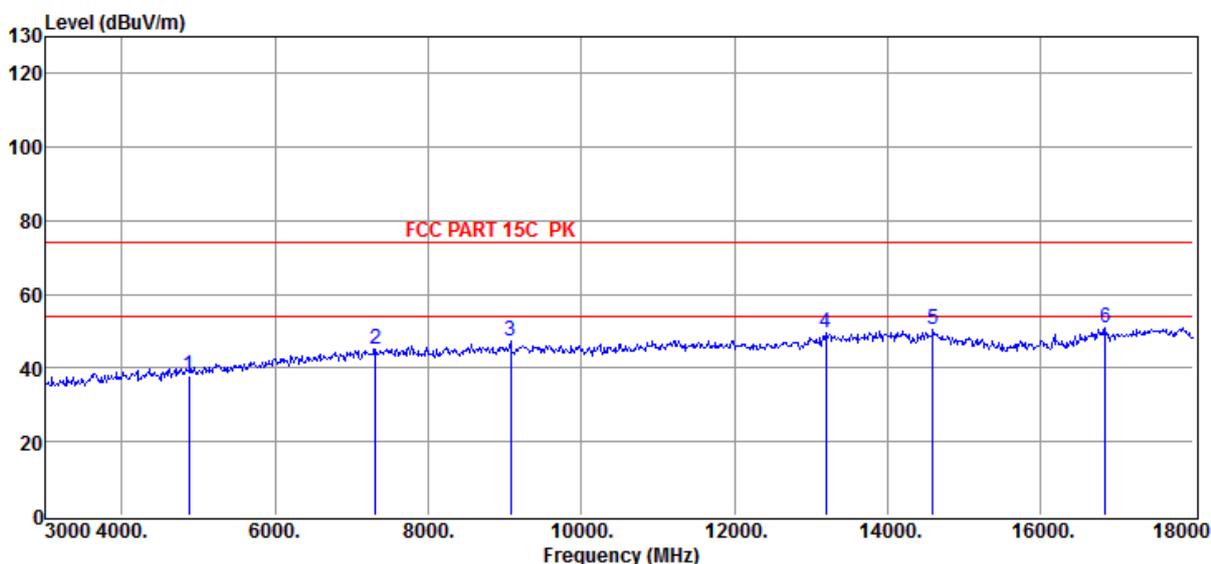
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2437MHz

Data: 70



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4874.00        | 0.92           | 37.94                             | 74.00                               | -36.06                | 164            | 147            | Peak     | VERTICAL     |
| 2              | 7311.00        | 6.34           | 44.93                             | 74.00                               | -29.07                | 187            | 176            | Peak     | VERTICAL     |
| 3              | 9075.00        | 7.08           | 47.26                             | 74.00                               | -26.74                | 175            | 125            | Peak     | VERTICAL     |
| 4              | 13200.00       | 10.24          | 49.74                             | 74.00                               | -24.26                | 184            | 52             | Peak     | VERTICAL     |
| 5              | 14595.00       | 13.54          | 50.59                             | 74.00                               | -23.41                | 182            | 336            | Peak     | VERTICAL     |
| 6              | 16845.00       | 15.19          | 50.71                             | 74.00                               | -23.29                | 174            | 198            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

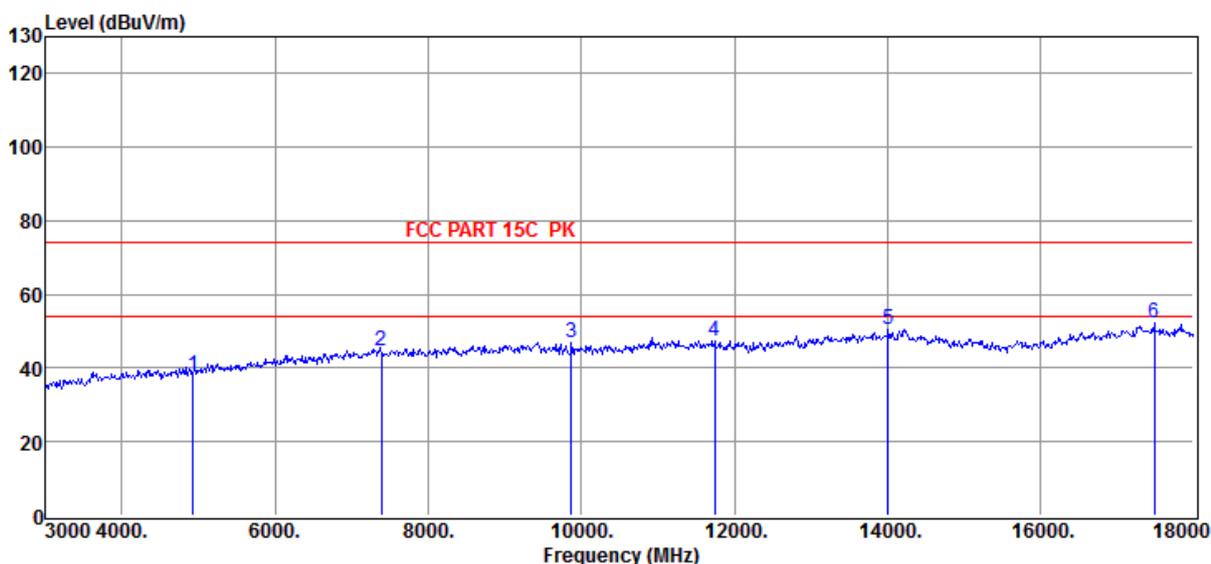
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2462MHz

Data: 71



| Item (Mark) | Freq. (MHz) | Factor (dB) | Result Level (dBμV/m) | Limit Line (dBμV/m) | Over Limit (dB) | Height (cm) | Angle (deg) | Detector | Polarization |
|-------------|-------------|-------------|-----------------------|---------------------|-----------------|-------------|-------------|----------|--------------|
| 1           | 4924.00     | 1.07        | 38.14                 | 74.00               | -35.86          | 184         | 145         | Peak     | HORIZONTAL   |
| 2           | 7386.00     | 6.24        | 44.70                 | 74.00               | -29.30          | 164         | 131         | Peak     | HORIZONTAL   |
| 3           | 9870.00     | 8.24        | 46.69                 | 74.00               | -27.31          | 188         | 318         | Peak     | HORIZONTAL   |
| 4           | 11745.00    | 10.02       | 47.27                 | 74.00               | -26.73          | 176         | 176         | Peak     | HORIZONTAL   |
| 5           | 14010.00    | 13.01       | 50.49                 | 74.00               | -23.51          | 182         | 344         | Peak     | HORIZONTAL   |
| 6           | 17490.00    | 15.60       | 52.48                 | 74.00               | -21.52          | 184         | 82          | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

# Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

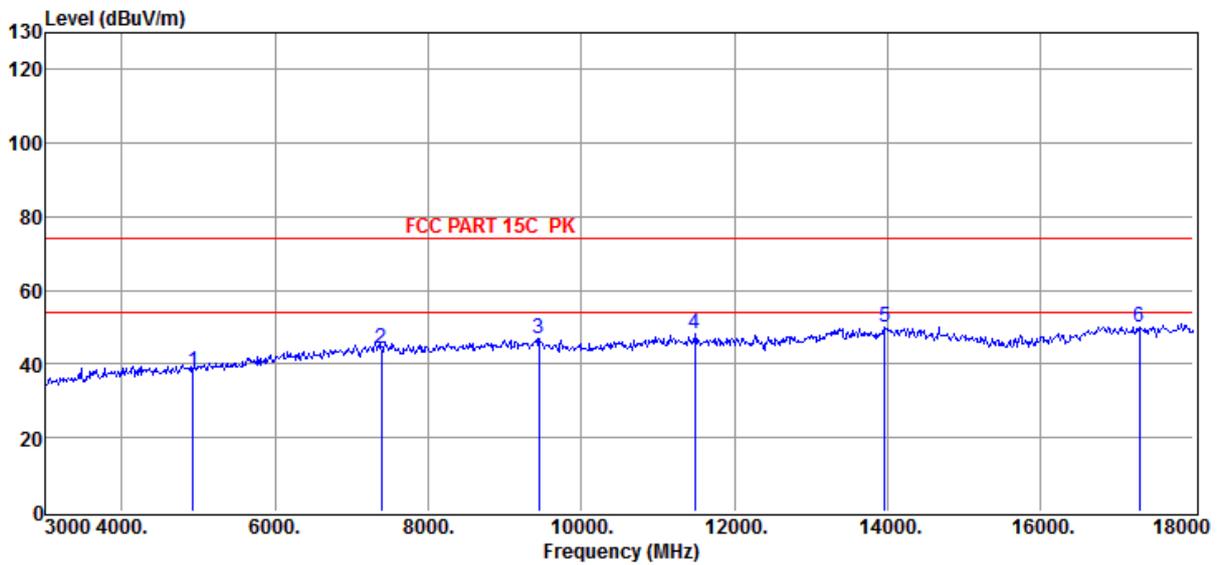
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2462MHz

Data: 72



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4924.00        | 1.07           | 37.89                       | 74.00                         | -36.11                | 154            | 271            | Peak     | VERTICAL     |
| 2              | 7386.00        | 6.24           | 44.43                       | 74.00                         | -29.57                | 177            | 219            | Peak     | VERTICAL     |
| 3              | 9450.00        | 7.98           | 47.05                       | 74.00                         | -26.95                | 180            | 263            | Peak     | VERTICAL     |
| 4              | 11490.00       | 10.09          | 48.13                       | 74.00                         | -25.87                | 156            | 13             | Peak     | VERTICAL     |
| 5              | 13965.00       | 12.85          | 50.05                       | 74.00                         | -23.95                | 158            | 145            | Peak     | VERTICAL     |
| 6              | 17295.00       | 15.81          | 50.24                       | 74.00                         | -23.76                | 167            | 9              | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

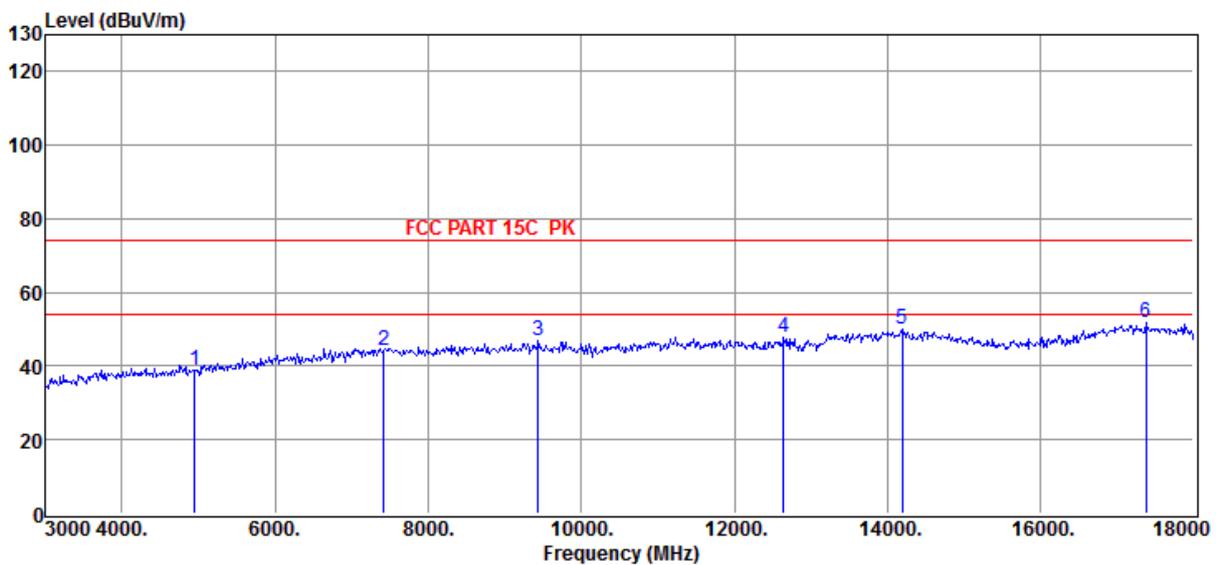
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2472MHz

Data: 73



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4944.00        | 1.18           | 38.79                             | 74.00                               | -35.21                | 156            | 108            | Peak     | VERTICAL     |
| 2              | 7416.00        | 6.24           | 44.28                             | 74.00                               | -29.72                | 188            | 261            | Peak     | VERTICAL     |
| 3              | 9435.00        | 8.05           | 46.92                             | 74.00                               | -27.08                | 155            | 158            | Peak     | VERTICAL     |
| 4              | 12645.00       | 9.85           | 47.92                             | 74.00                               | -26.08                | 166            | 303            | Peak     | VERTICAL     |
| 5              | 14190.00       | 13.97          | 50.22                             | 74.00                               | -23.78                | 164            | 118            | Peak     | VERTICAL     |
| 6              | 17385.00       | 15.63          | 51.77                             | 74.00                               | -22.23                | 186            | 318            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

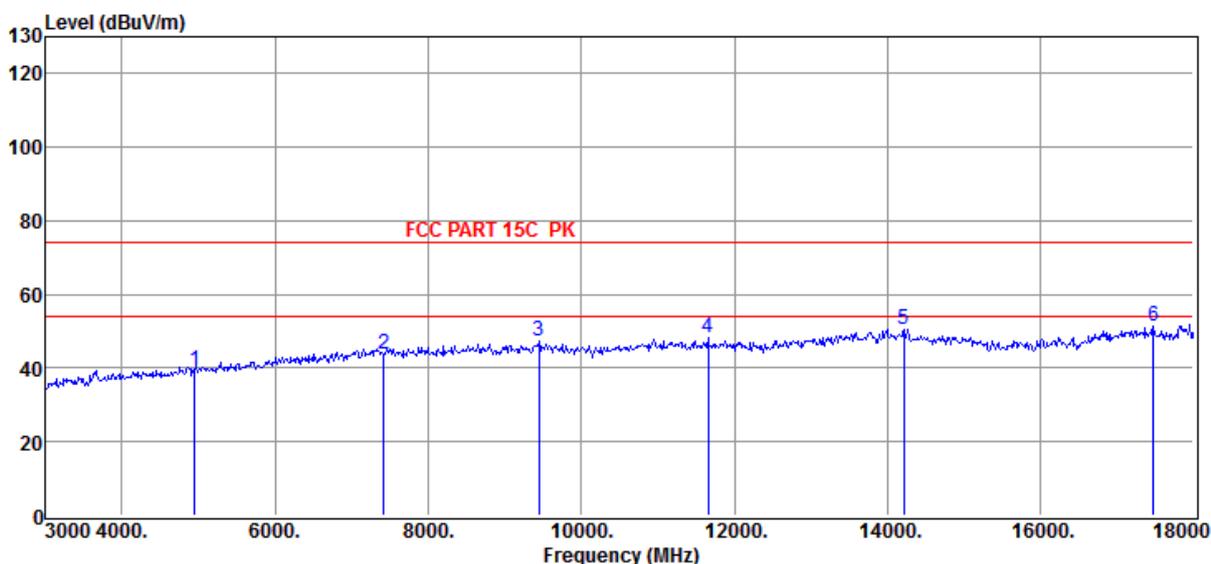
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2472MHz

Data: 74



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4944.00        | 1.18           | 39.24                             | 74.00                               | -34.76                | 178            | 86             | Peak     | HORIZONTAL   |
| 2              | 7416.00        | 6.24           | 43.78                             | 74.00                               | -30.22                | 150            | 179            | Peak     | HORIZONTAL   |
| 3              | 9450.00        | 7.98           | 47.41                             | 74.00                               | -26.59                | 159            | 168            | Peak     | HORIZONTAL   |
| 4              | 11655.00       | 10.04          | 48.10                             | 74.00                               | -25.90                | 160            | 233            | Peak     | HORIZONTAL   |
| 5              | 14220.00       | 13.82          | 50.53                             | 74.00                               | -23.47                | 162            | 272            | Peak     | HORIZONTAL   |
| 6              | 17475.00       | 15.60          | 51.36                             | 74.00                               | -22.64                | 154            | 250            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

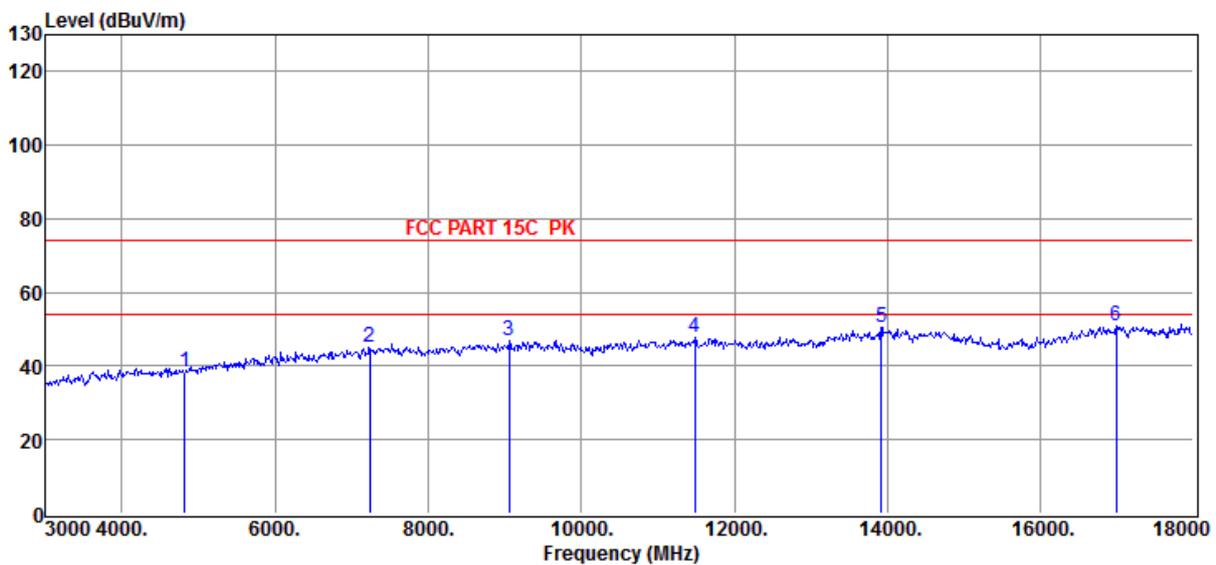
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2412MHz

Data: 65



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4824.00        | 0.83           | 38.33                             | 74.00                               | -35.67                | 189            | 304            | Peak     | HORIZONTAL   |
| 2              | 7236.00        | 6.19           | 44.92                             | 74.00                               | -29.08                | 170            | 188            | Peak     | HORIZONTAL   |
| 3              | 9060.00        | 7.11           | 46.96                             | 74.00                               | -27.04                | 184            | 169            | Peak     | HORIZONTAL   |
| 4              | 11490.00       | 10.09          | 47.77                             | 74.00                               | -26.23                | 178            | 204            | Peak     | HORIZONTAL   |
| 5              | 13920.00       | 12.66          | 50.56                             | 74.00                               | -23.44                | 179            | 202            | Peak     | HORIZONTAL   |
| 6              | 16995.00       | 16.25          | 51.06                             | 74.00                               | -22.94                | 177            | 177            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

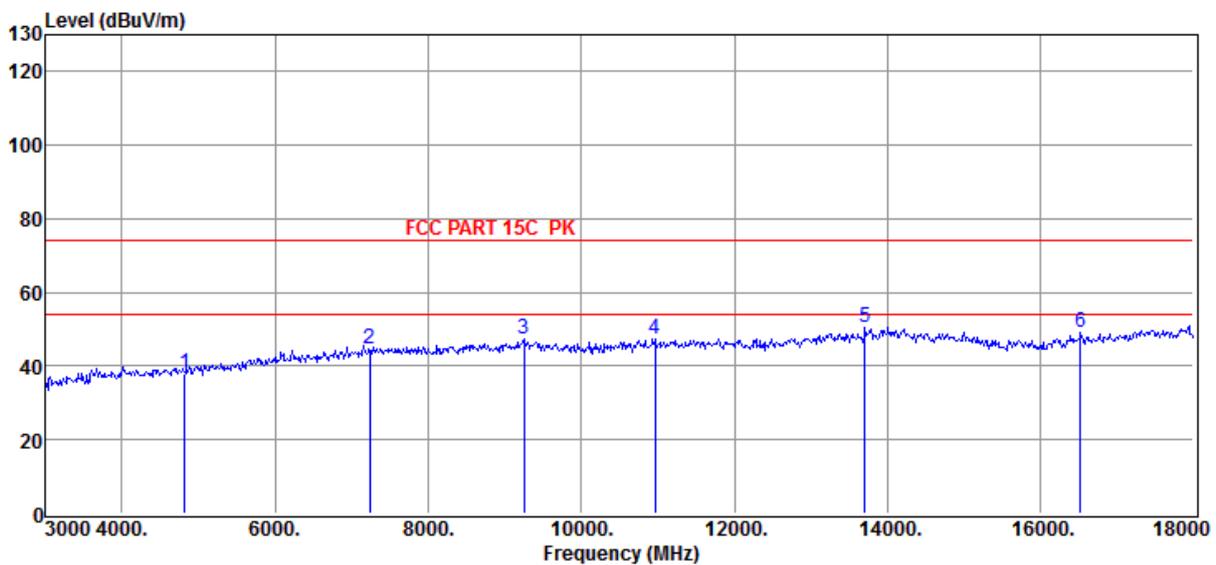
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2412MHz

Data: 66



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4824.00        | 0.83           | 37.85                             | 74.00                               | -36.15                | 183            | 94             | Peak     | VERTICAL     |
| 2              | 7236.00        | 6.19           | 44.69                             | 74.00                               | -29.31                | 187            | 44             | Peak     | VERTICAL     |
| 3              | 9255.00        | 7.49           | 47.42                             | 74.00                               | -26.58                | 177            | 184            | Peak     | VERTICAL     |
| 4              | 10965.00       | 9.74           | 47.56                             | 74.00                               | -26.44                | 190            | 7              | Peak     | VERTICAL     |
| 5              | 13710.00       | 11.91          | 50.50                             | 74.00                               | -23.50                | 161            | 54             | Peak     | VERTICAL     |
| 6              | 16530.00       | 13.34          | 48.92                             | 74.00                               | -25.08                | 158            | 153            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-09-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

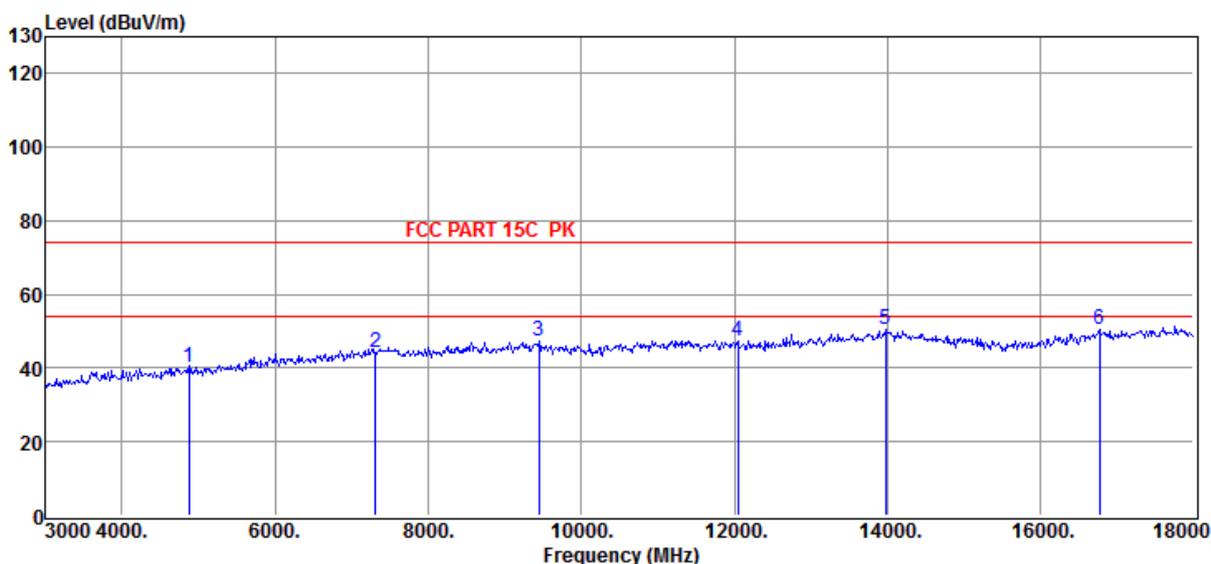
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2437MHz

Data: 63



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4874.00        | 0.92           | 40.34                       | 74.00                         | -33.66                | 186            | 240            | Peak     | VERTICAL     |
| 2              | 7311.00        | 6.34           | 44.09                       | 74.00                         | -29.91                | 164            | 338            | Peak     | VERTICAL     |
| 3              | 9450.00        | 7.98           | 47.20                       | 74.00                         | -26.80                | 177            | 268            | Peak     | VERTICAL     |
| 4              | 12045.00       | 9.84           | 47.50                       | 74.00                         | -26.50                | 170            | 218            | Peak     | VERTICAL     |
| 5              | 13980.00       | 12.92          | 50.34                       | 74.00                         | -23.66                | 175            | 168            | Peak     | VERTICAL     |
| 6              | 16770.00       | 15.08          | 50.30                       | 74.00                         | -23.70                | 173            | 180            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-09-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

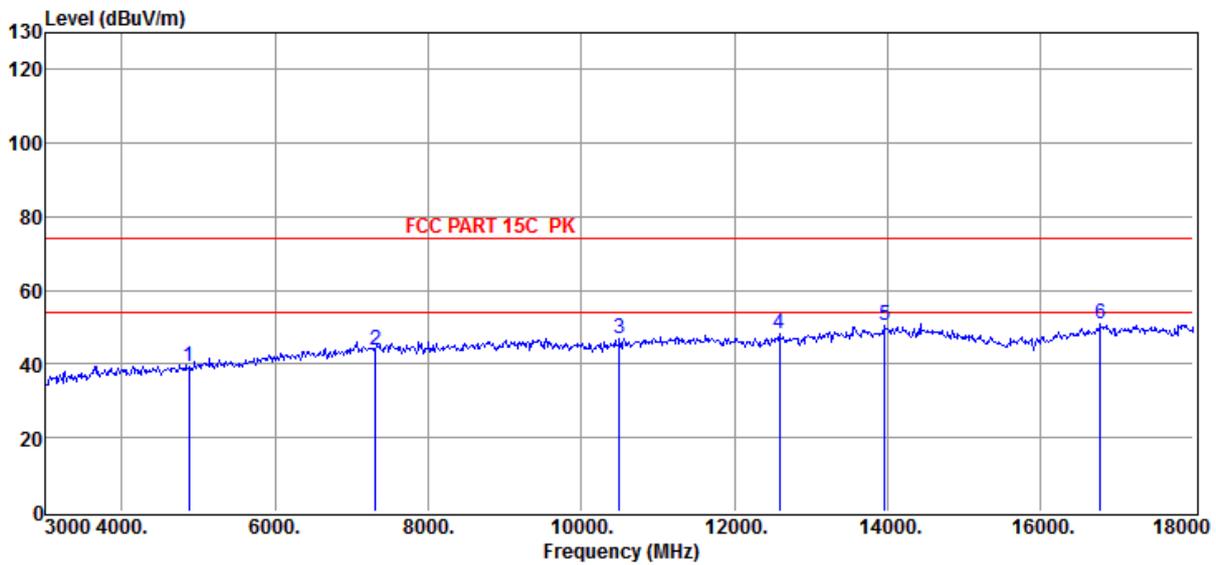
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2437MHz

Data: 64



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4874.00        | 0.92           | 39.18                             | 74.00                               | -34.82                | 162            | 358            | Peak     | HORIZONTAL   |
| 2              | 7311.00        | 6.34           | 43.99                             | 74.00                               | -30.01                | 152            | 264            | Peak     | HORIZONTAL   |
| 3              | 10500.00       | 8.93           | 46.86                             | 74.00                               | -27.14                | 164            | 133            | Peak     | HORIZONTAL   |
| 4              | 12585.00       | 9.72           | 48.04                             | 74.00                               | -25.96                | 174            | 302            | Peak     | HORIZONTAL   |
| 5              | 13965.00       | 12.85          | 50.32                             | 74.00                               | -23.68                | 189            | 137            | Peak     | HORIZONTAL   |
| 6              | 16785.00       | 15.26          | 51.10                             | 74.00                               | -22.90                | 170            | 261            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

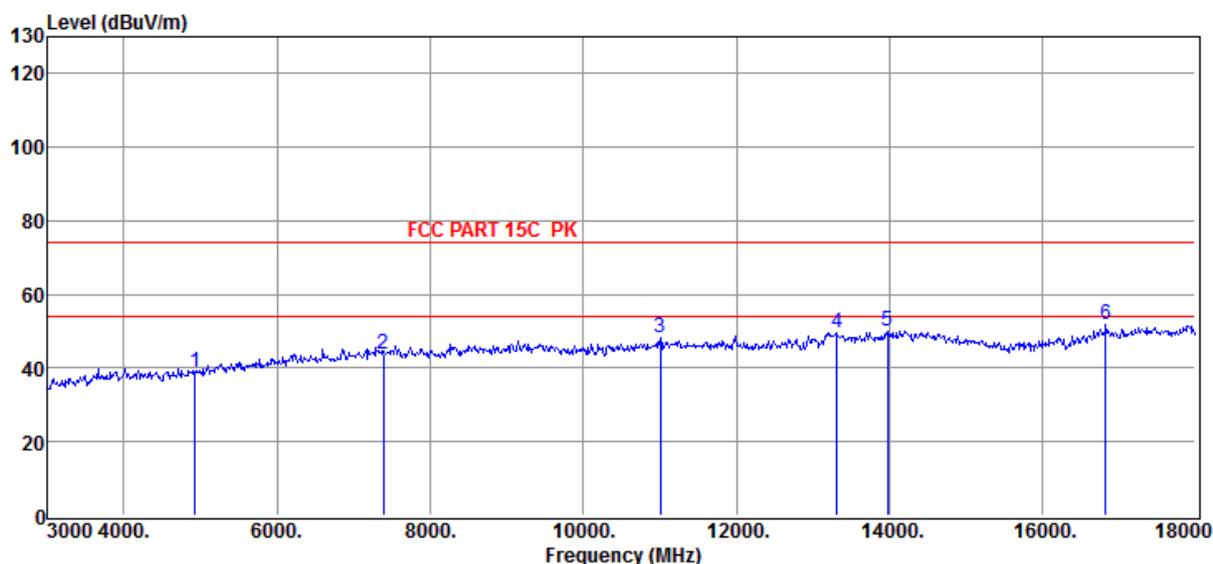
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2462MHz

Data: 61



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4924.00        | 1.07           | 38.76                             | 74.00                               | -35.24                | 176            | 64             | Peak     | VERTICAL     |
| 2              | 7386.00        | 6.24           | 43.97                             | 74.00                               | -30.03                | 185            | 154            | Peak     | VERTICAL     |
| 3              | 11010.00       | 9.87           | 48.44                             | 74.00                               | -25.56                | 151            | 253            | Peak     | VERTICAL     |
| 4              | 13320.00       | 10.91          | 49.55                             | 74.00                               | -24.45                | 158            | 337            | Peak     | VERTICAL     |
| 5              | 13980.00       | 12.92          | 50.19                             | 74.00                               | -23.81                | 175            | 74             | Peak     | VERTICAL     |
| 6              | 16830.00       | 15.27          | 51.78                             | 74.00                               | -22.22                | 189            | 186            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

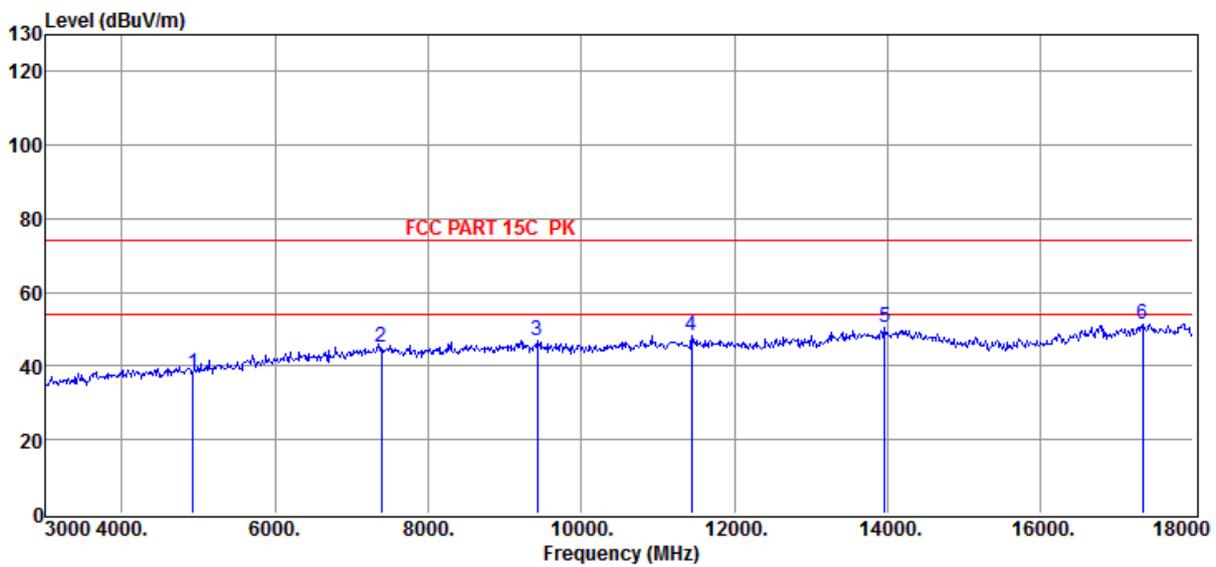
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2462MHz

Data: 62



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4924.00        | 1.07           | 38.02                       | 74.00                         | -35.98                | 185            | 76             | Peak     | HORIZONTAL   |
| 2              | 7386.00        | 6.24           | 45.20                       | 74.00                         | -28.80                | 173            | 314            | Peak     | HORIZONTAL   |
| 3              | 9420.00        | 8.11           | 46.88                       | 74.00                         | -27.12                | 164            | 147            | Peak     | HORIZONTAL   |
| 4              | 11445.00       | 10.07          | 48.37                       | 74.00                         | -25.63                | 158            | 254            | Peak     | HORIZONTAL   |
| 5              | 13965.00       | 12.85          | 50.65                       | 74.00                         | -23.35                | 174            | 347            | Peak     | HORIZONTAL   |
| 6              | 17340.00       | 15.74          | 51.36                       | 74.00                         | -22.64                | 171            | 141            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

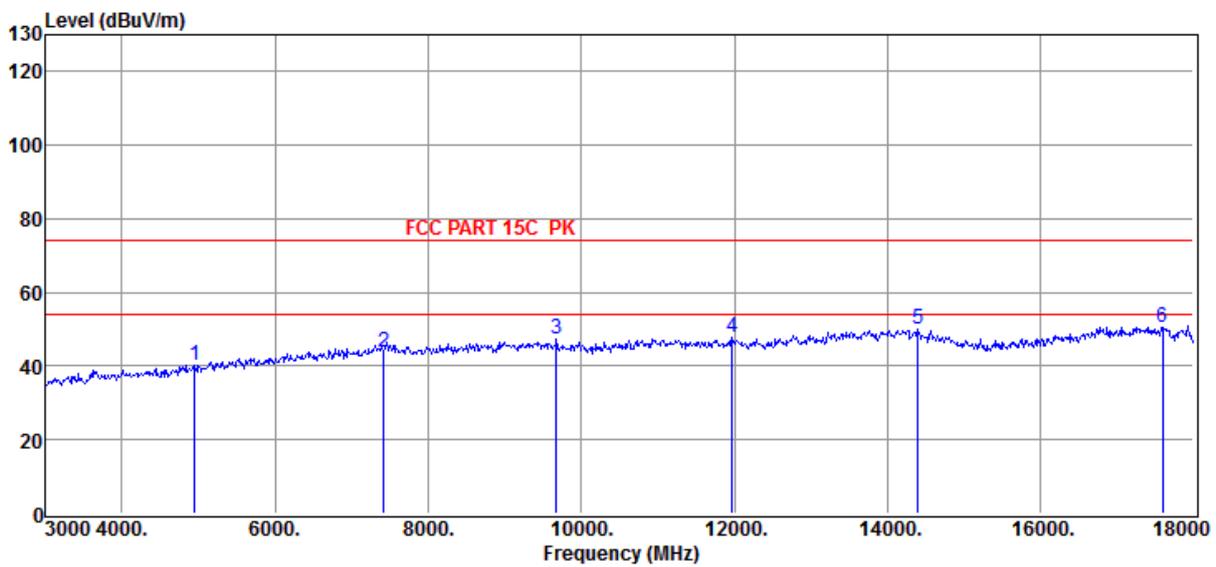
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2472MHz

Data: 59



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 4944.00        | 1.18           | 40.00                       | 74.00                         | -34.00                | 157            | 34             | Peak     | HORIZONTAL   |
| 2              | 7416.00        | 6.24           | 43.76                       | 74.00                         | -30.24                | 178            | 245            | Peak     | HORIZONTAL   |
| 3              | 9675.00        | 8.07           | 47.32                       | 74.00                         | -26.68                | 182            | 76             | Peak     | HORIZONTAL   |
| 4              | 11970.00       | 9.88           | 47.77                       | 74.00                         | -26.23                | 169            | 343            | Peak     | HORIZONTAL   |
| 5              | 14400.00       | 13.83          | 49.82                       | 74.00                         | -24.18                | 167            | 284            | Peak     | HORIZONTAL   |
| 6              | 17595.00       | 15.43          | 50.60                       | 74.00                         | -23.40                | 188            | 253            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

# Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

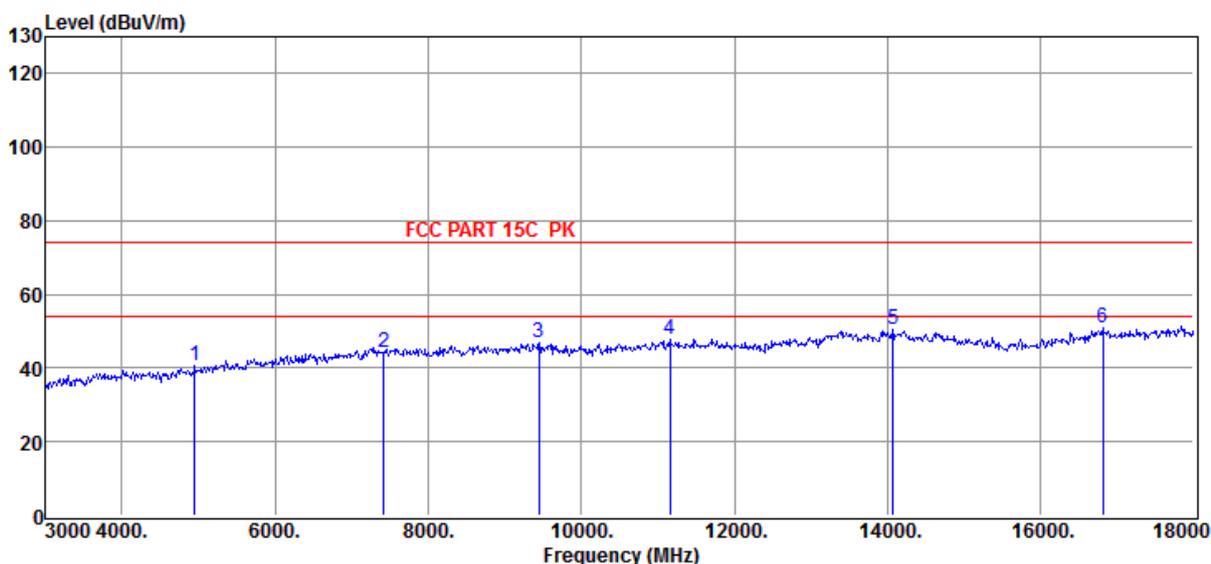
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2472MHz

Data: 60



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result Level<br>(dBuV/m) | Limit Line<br>(dBuV/m) | Over Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|--------------------------|------------------------|--------------------|----------------|----------------|----------|--------------|
| 1              | 4944.00        | 1.18           | 40.80                    | 74.00                  | -33.20             | 188            | 254            | Peak     | VERTICAL     |
| 2              | 7416.00        | 6.24           | 44.43                    | 74.00                  | -29.57             | 167            | 152            | Peak     | VERTICAL     |
| 3              | 9450.00        | 7.98           | 46.97                    | 74.00                  | -27.03             | 154            | 341            | Peak     | VERTICAL     |
| 4              | 11160.00       | 10.24          | 47.73                    | 74.00                  | -26.27             | 175            | 76             | Peak     | VERTICAL     |
| 5              | 14070.00       | 13.05          | 50.33                    | 74.00                  | -23.67             | 186            | 12             | Peak     | VERTICAL     |
| 6              | 16815.00       | 15.35          | 50.83                    | 74.00                  | -23.17             | 158            | 327            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

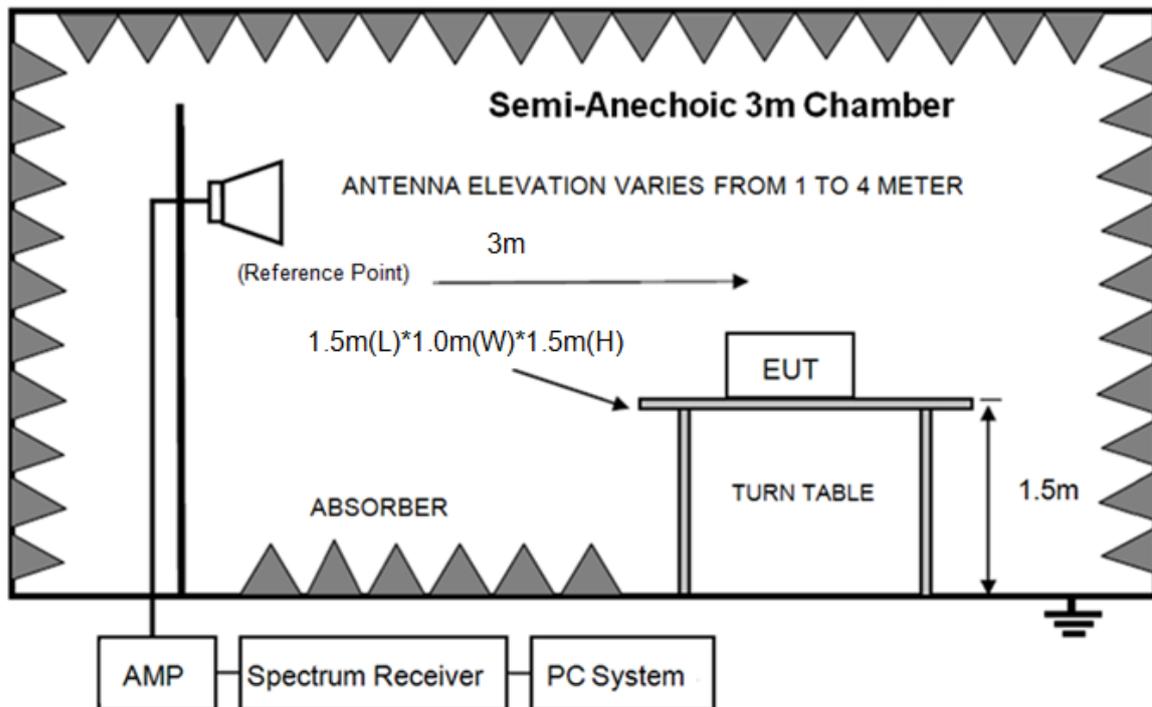
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## 6. Band Edge Compliance (Radiated Method)

### 6.1. Block diagram of test setup



### 6.2. Limit

All restriction band should comply with 15.209, other emission should be at least 20 dB below the fundamental.

### 6.3. Test Procedure

Same with clause 10.3 except change investigated frequency range from 2310 MHz to 2430 MHz and 2445 MHz to 2550 MHz.

Remark: All restriction band have been tested, and only the worst case is shown in report.

### 6.4. Test result

Pass. (See below detailed test result)

# Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

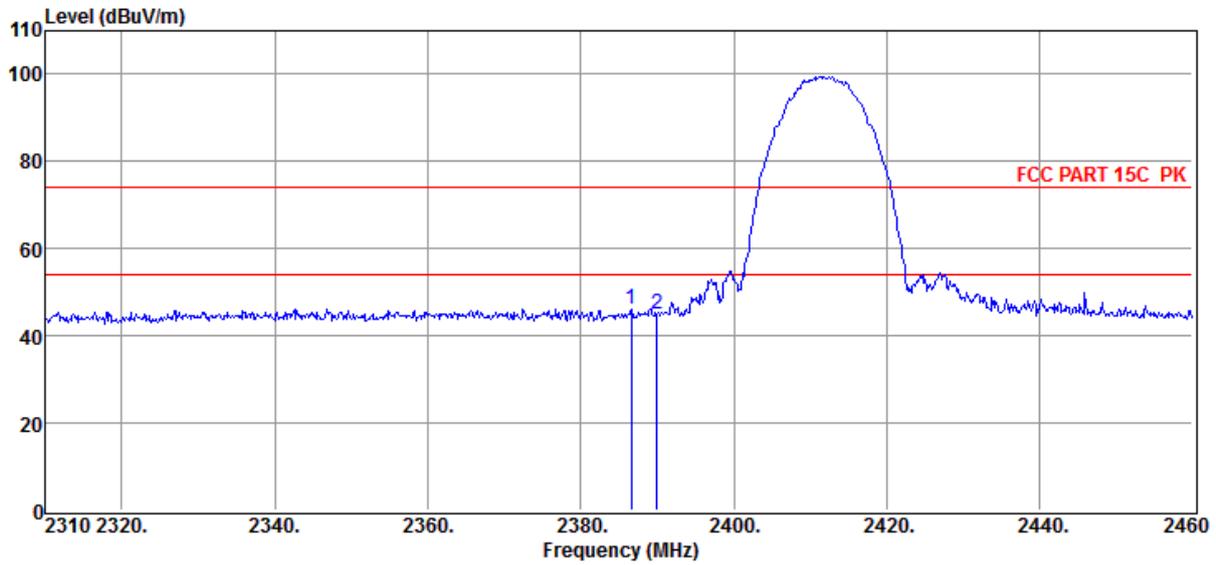
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2412MHz

Data: 41



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2386.65        | 3.30           | 46.30                       | 74.00                         | -27.70                | 156            | 247            | Peak     | VERTICAL     |
| 2              | 2390.00        | 3.30           | 44.88                       | 74.00                         | -29.12                | 183            | 312            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

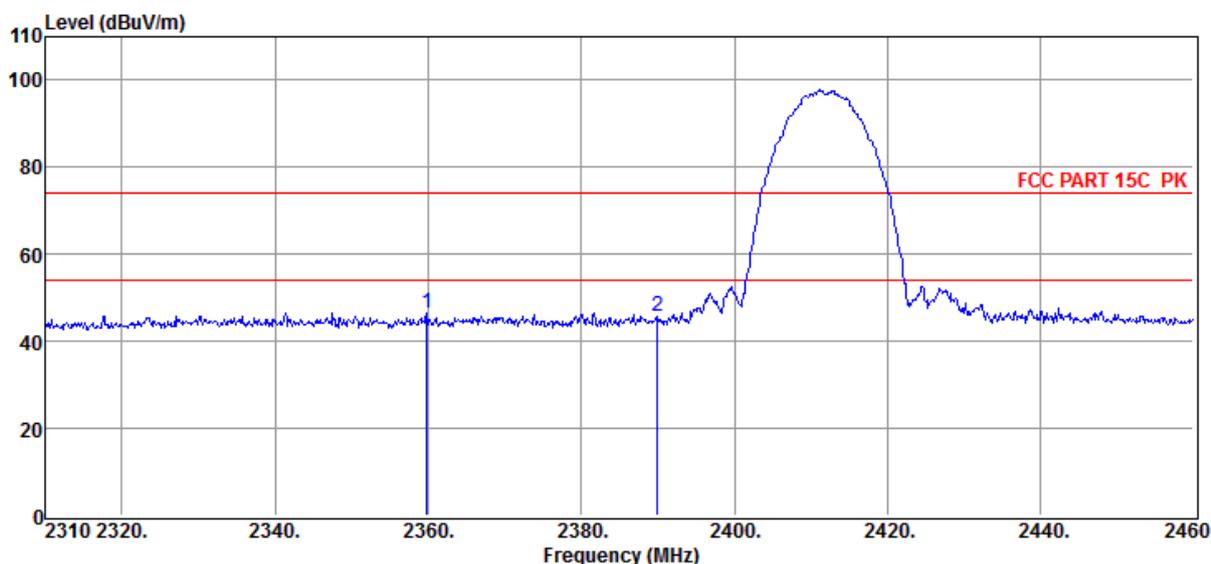
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2412 MHz

Data: 42



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2359.80        | 3.22           | 46.53                       | 74.00                         | -27.47                | 175            | 78             | Peak     | HORIZONTAL   |
| 2              | 2390.00        | 3.30           | 45.68                       | 74.00                         | -28.32                | 163            | 308            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

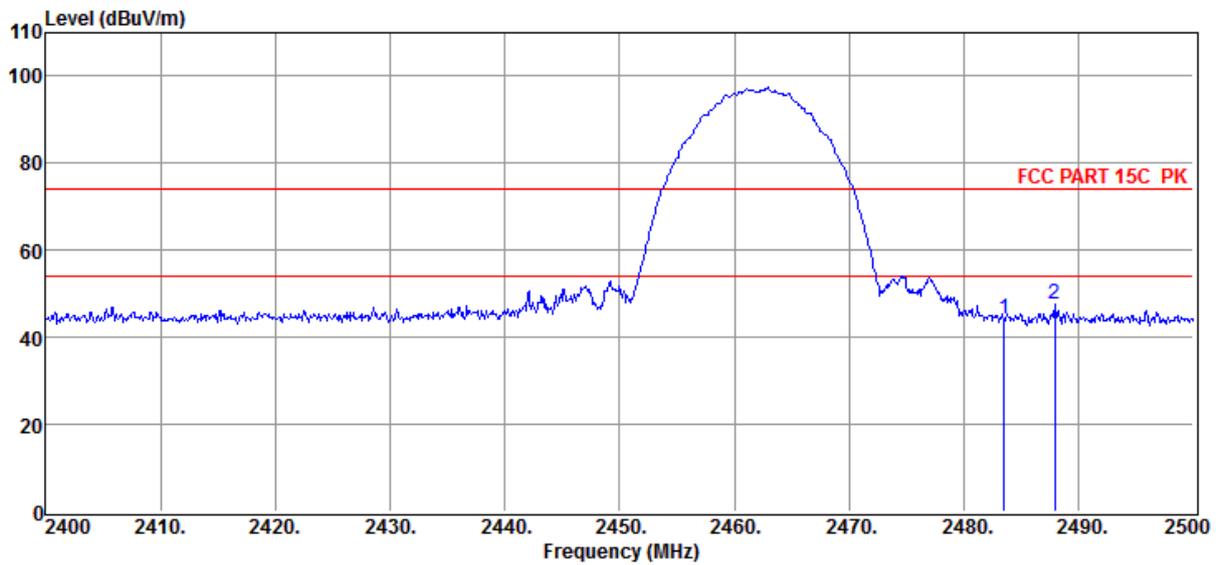
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2462 MHz

Data: 43



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2483.50        | 3.52           | 44.06                       | 74.00                         | -29.94                | 154            | 340            | Peak     | HORIZONTAL   |
| 2              | 2487.90        | 3.56           | 47.45                       | 74.00                         | -26.55                | 163            | 328            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

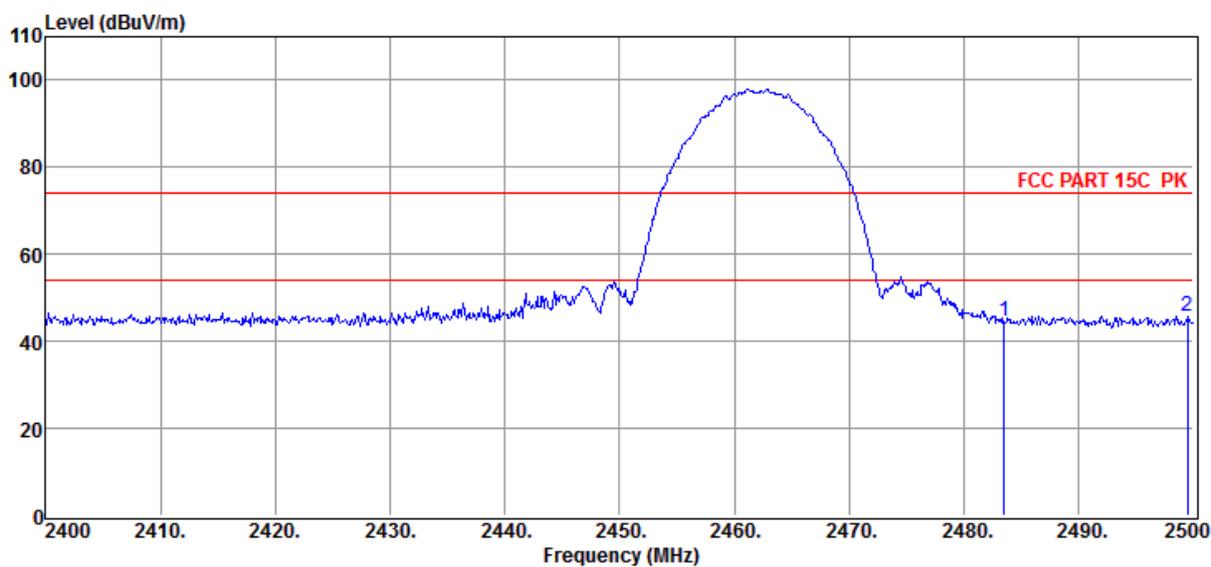
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2462 MHz

Data: 44



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2483.50        | 3.52           | 44.47                       | 74.00                         | -29.53                | 177            | 64             | Peak     | VERTICAL     |
| 2              | 2499.50        | 3.64           | 45.88                       | 74.00                         | -28.12                | 167            | 241            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

# Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

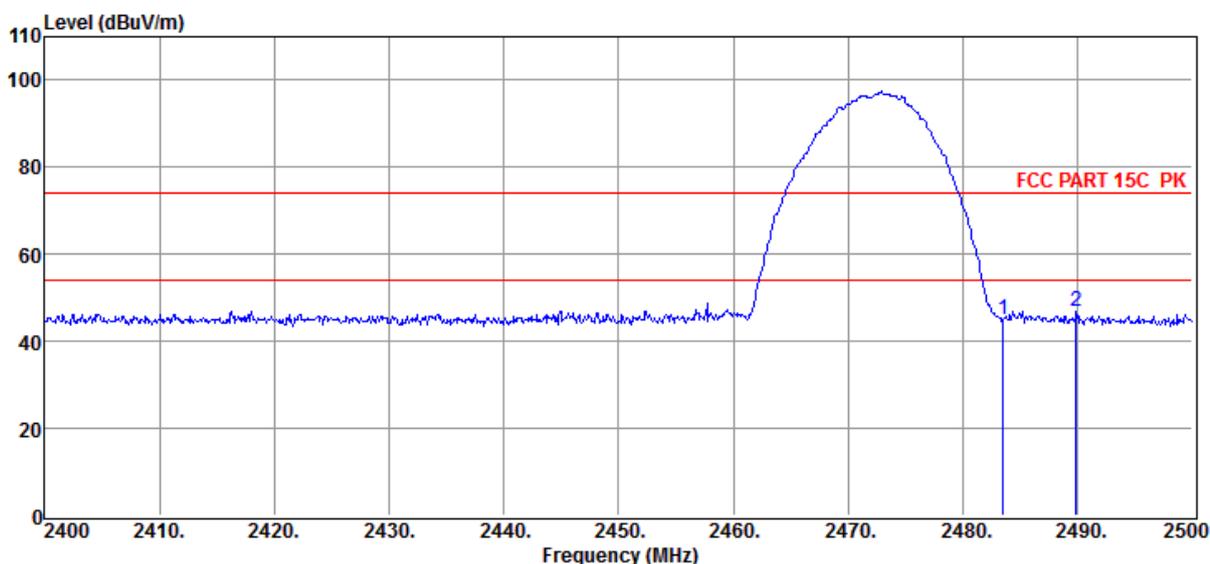
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2472 MHz

Data: 45



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2483.50        | 3.52           | 44.82                       | 74.00                         | -29.18                | 167            | 145            | Peak     | VERTICAL     |
| 2              | 2489.90        | 3.57           | 46.93                       | 74.00                         | -27.07                | 183            | 231            | Peak     | VERTICAL     |

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

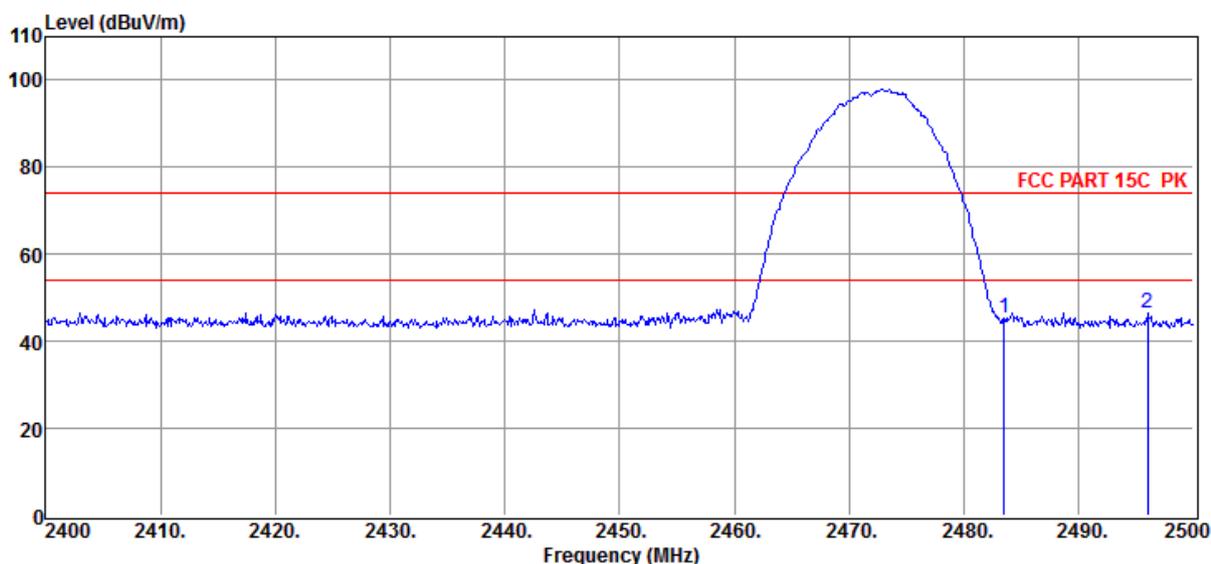
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11B 1M 2472 MHz

Data: 46



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2483.50        | 3.52           | 45.18                             | 74.00                               | -28.82                | 168            | 54             | Peak     | HORIZONTAL   |
| 2              | 2496.00        | 3.62           | 46.36                             | 74.00                               | -27.64                | 176            | 137            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

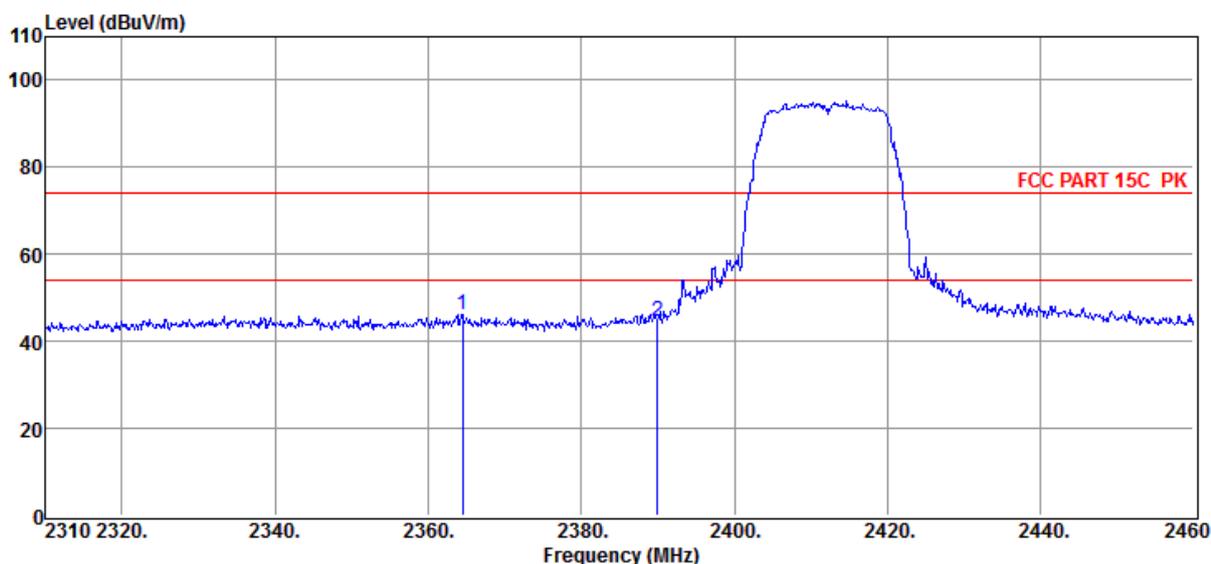
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2412 MHz

Data: 51



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2364.45        | 3.23           | 46.08                       | 74.00                         | -27.92                | 158            | 25             | Peak     | HORIZONTAL   |
| 2              | 2390.00        | 3.30           | 44.71                       | 74.00                         | -29.29                | 169            | 345            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

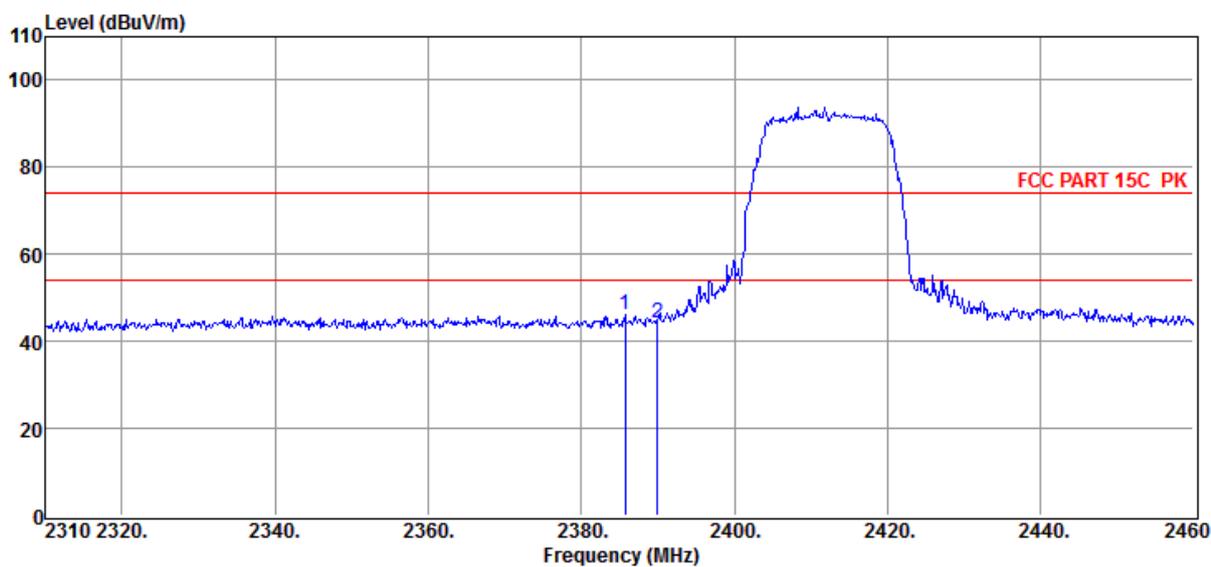
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2412 MHz

Data: 52



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2385.75        | 3.29           | 46.28                       | 74.00                         | -27.72                | 185            | 12             | Peak     | VERTICAL     |
| 2              | 2390.00        | 3.30           | 44.38                       | 74.00                         | -29.62                | 159            | 357            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

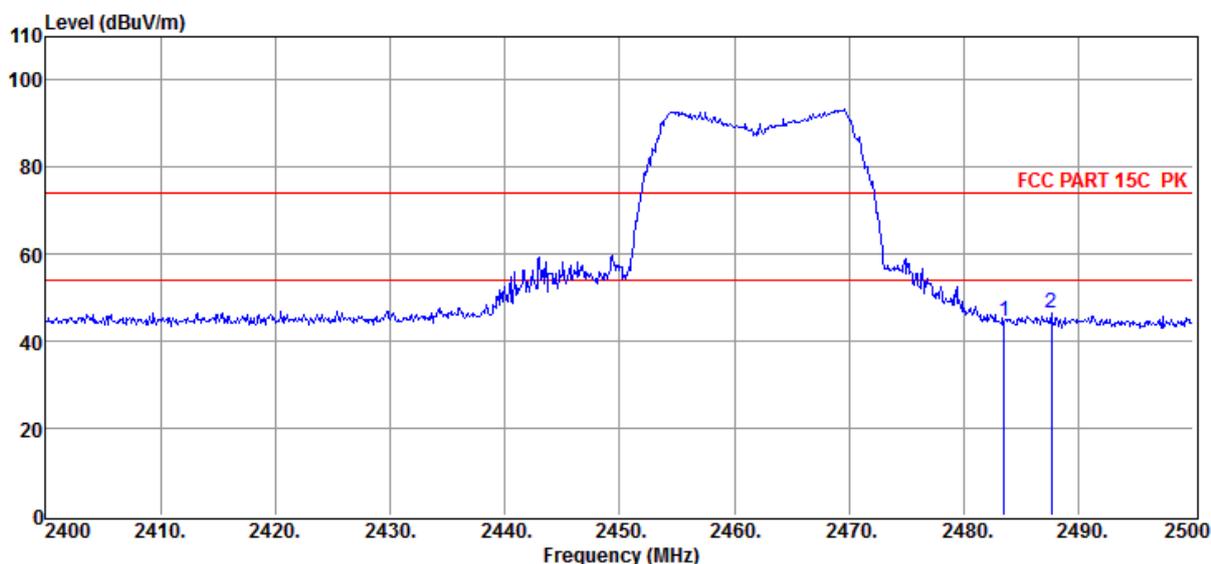
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2462 MHz

Data: 49



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2483.50        | 3.52           | 44.76                       | 74.00                         | -29.24                | 177            | 344            | Peak     | VERTICAL     |
| 2              | 2487.60        | 3.56           | 46.51                       | 74.00                         | -27.49                | 159            | 127            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

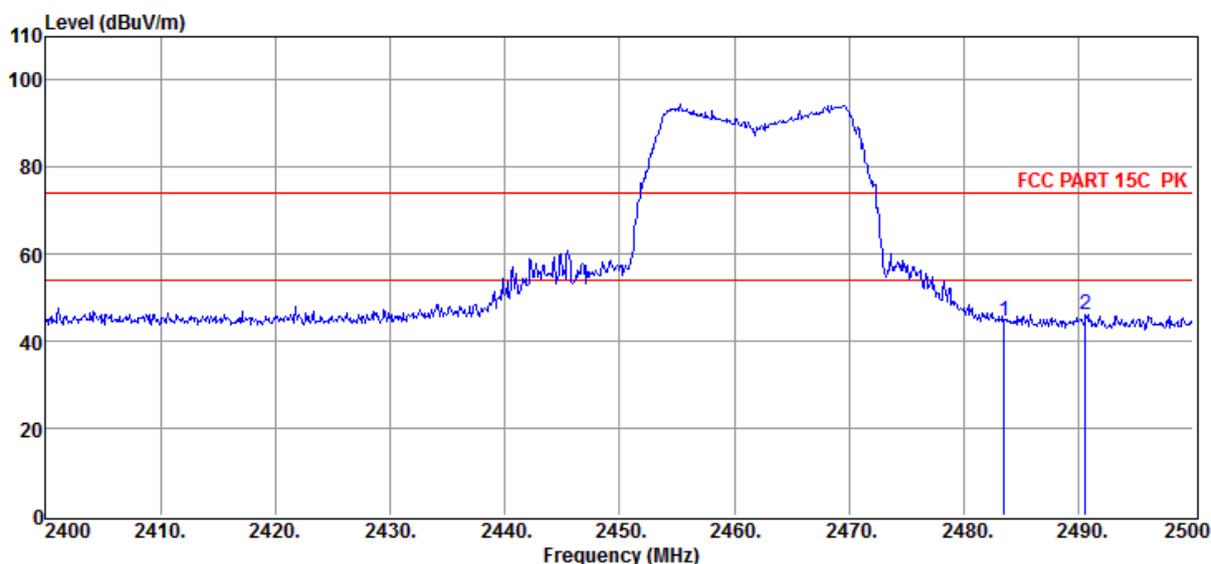
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2462 MHz

Data: 50



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2483.50        | 3.52           | 44.75                       | 74.00                         | -29.25                | 167            | 34             | Peak     | HORIZONTAL   |
| 2              | 2490.60        | 3.57           | 46.23                       | 74.00                         | -27.77                | 152            | 305            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

# Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

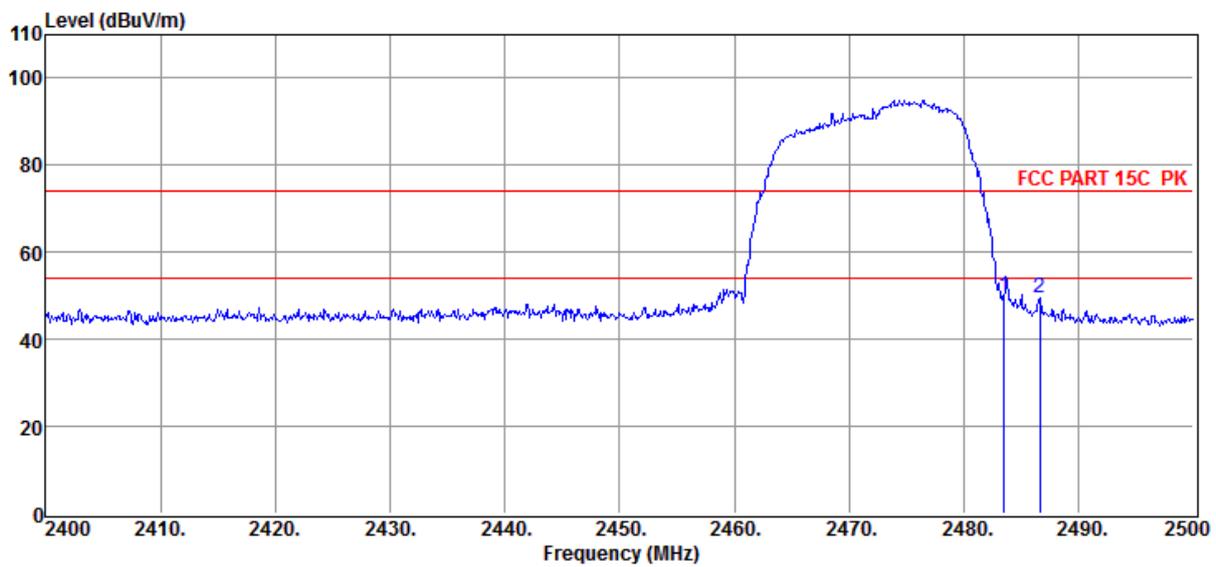
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2472 MHz

Data: 47



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2483.50        | 3.52           | 49.74                             | 74.00                               | -24.26                | 158            | 34             | Peak     | HORIZONTAL   |
| 2              | 2486.60        | 3.55           | 49.55                             | 74.00                               | -24.45                | 189            | 145            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

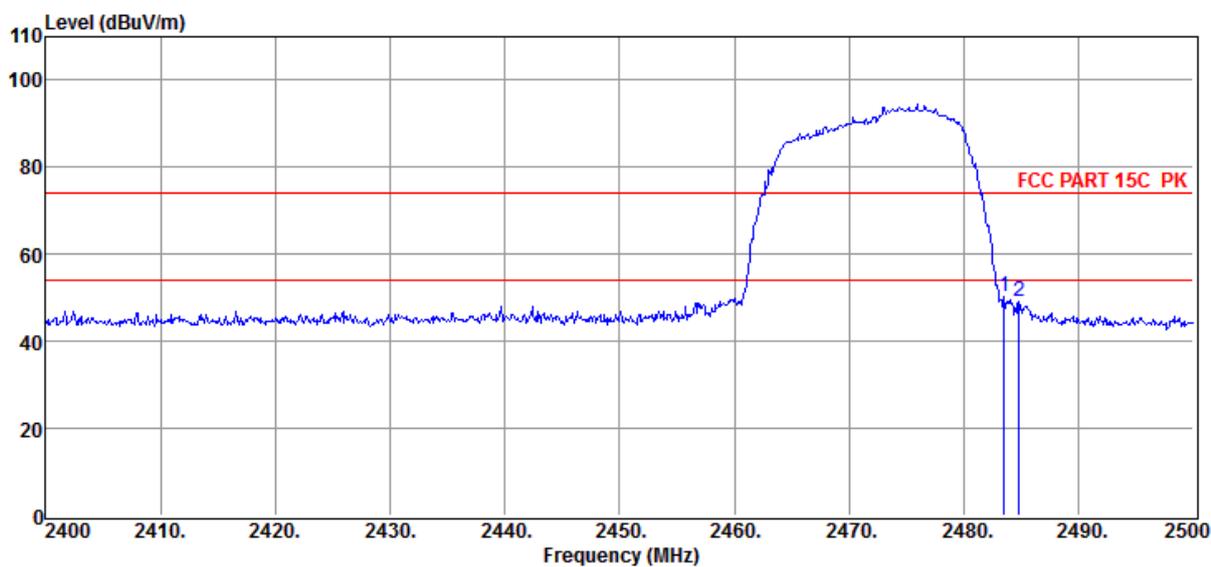
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11G 6M 2472 MHz

Data: 48



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2483.50        | 3.52           | 50.30                       | 74.00                         | -23.70                | 167            | 135            | Peak     | VERTICAL     |
| 2              | 2484.80        | 3.53           | 49.30                       | 74.00                         | -24.70                | 182            | 128            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

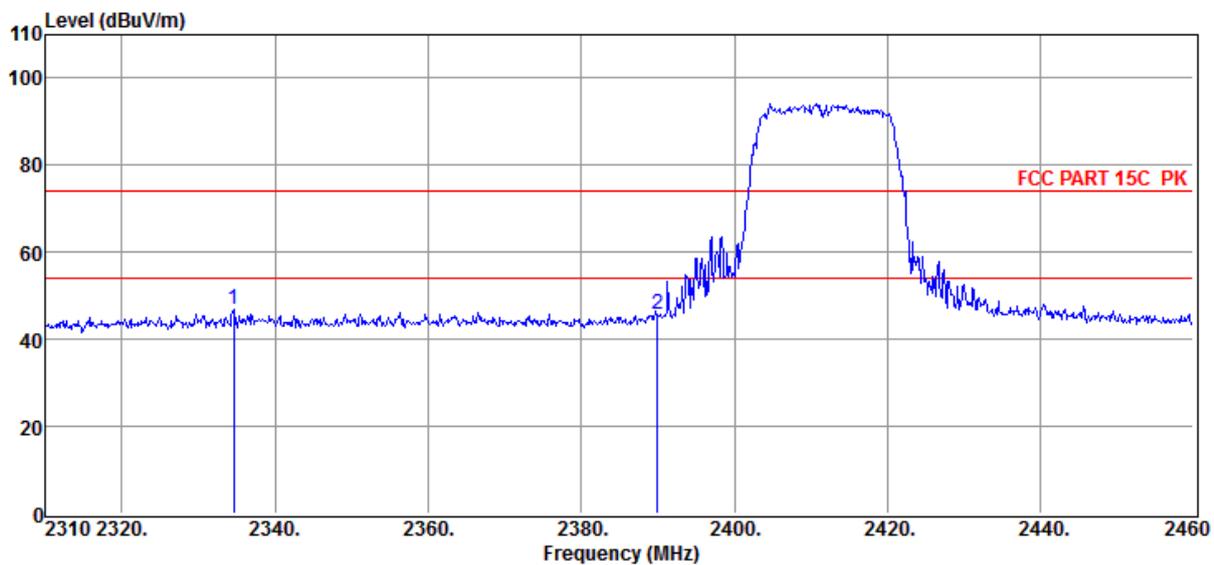
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2412 MHz

Data: 53



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2334.60        | 2.79           | 46.71                       | 74.00                         | -27.29                | 179            | 241            | Peak     | VERTICAL     |
| 2              | 2390.00        | 3.30           | 45.71                       | 74.00                         | -28.29                | 183            | 327            | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

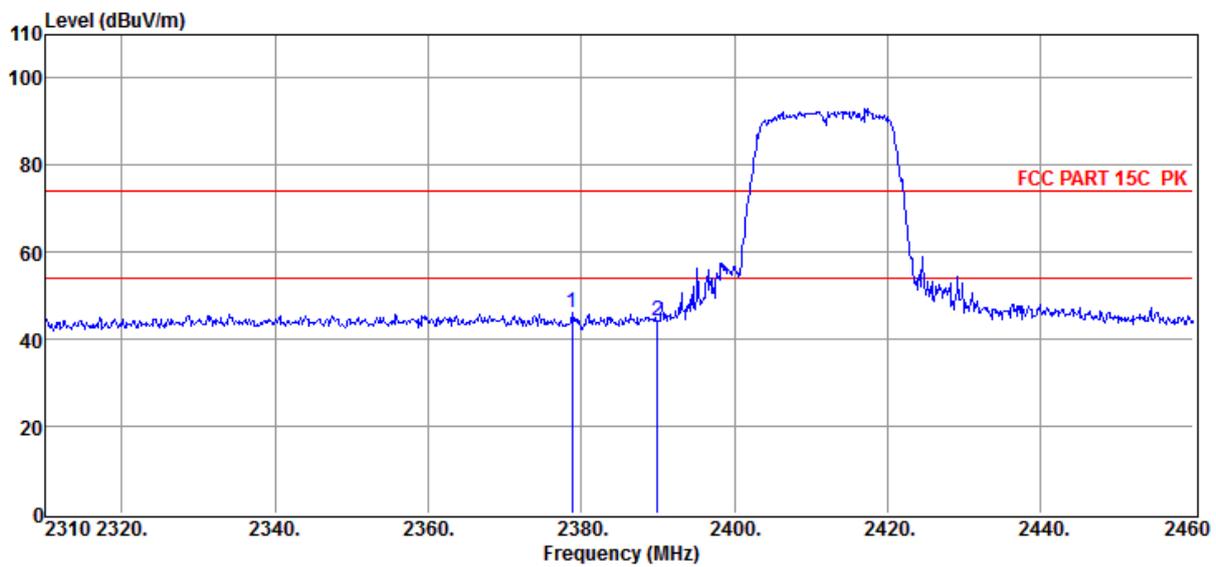
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2412 MHz

Data: 54



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2378.85        | 3.27           | 46.29                       | 74.00                         | -27.71                | 152            | 224            | Peak     | HORIZONTAL   |
| 2              | 2390.00        | 3.30           | 44.12                       | 74.00                         | -29.88                | 157            | 142            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

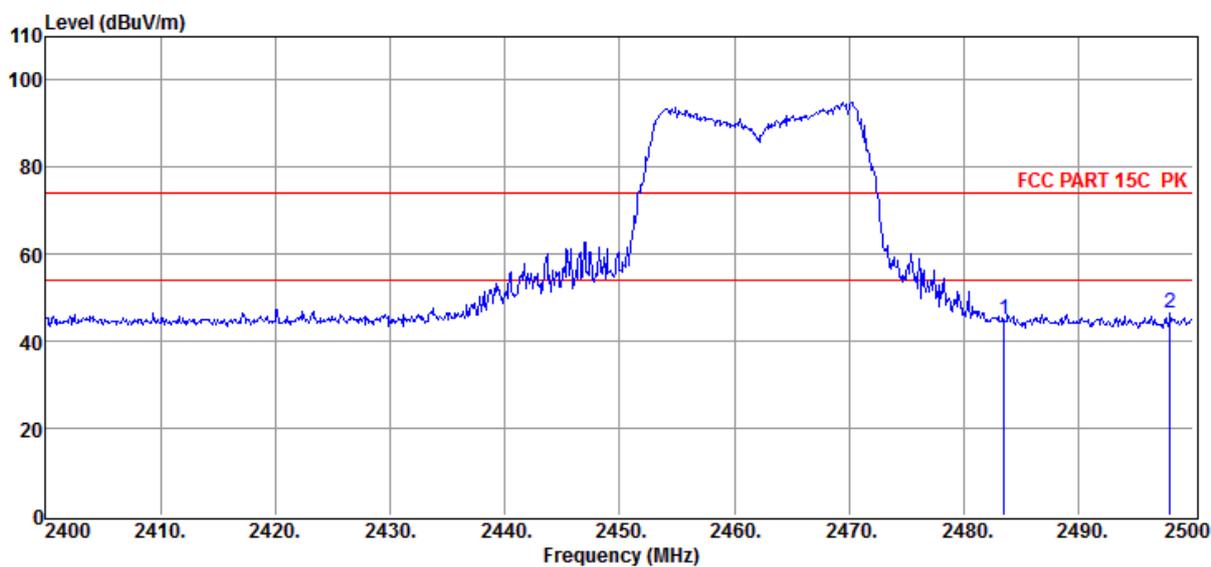
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2462 MHz

Data: 55



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2483.50        | 3.52           | 44.82                       | 74.00                         | -29.18                | 169            | 256            | Peak     | HORIZONTAL   |
| 2              | 2498.00        | 3.63           | 46.42                       | 74.00                         | -27.58                | 185            | 247            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

# Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

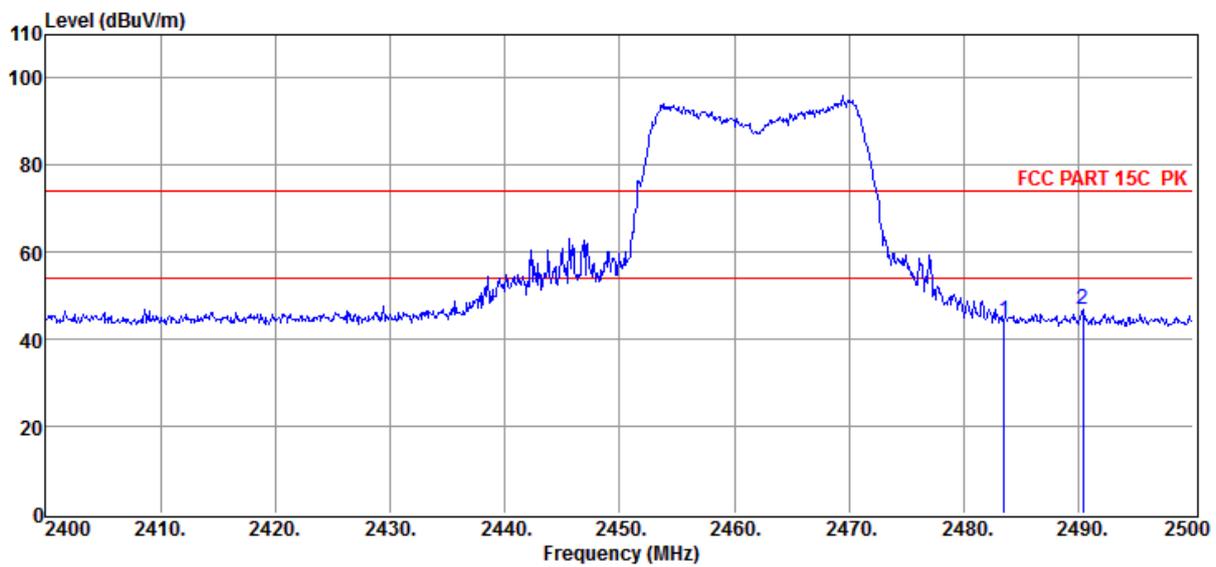
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2462 MHz

Data: 56



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBuV/m) | Limit<br>Line<br>(dBuV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2483.50        | 3.52           | 44.26                       | 74.00                         | -29.74                | 179            | 96             | Peak     | VERTICAL     |
| 2              | 2490.40        | 3.57           | 46.77                       | 74.00                         | -27.23                | 163            | 58             | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

# Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

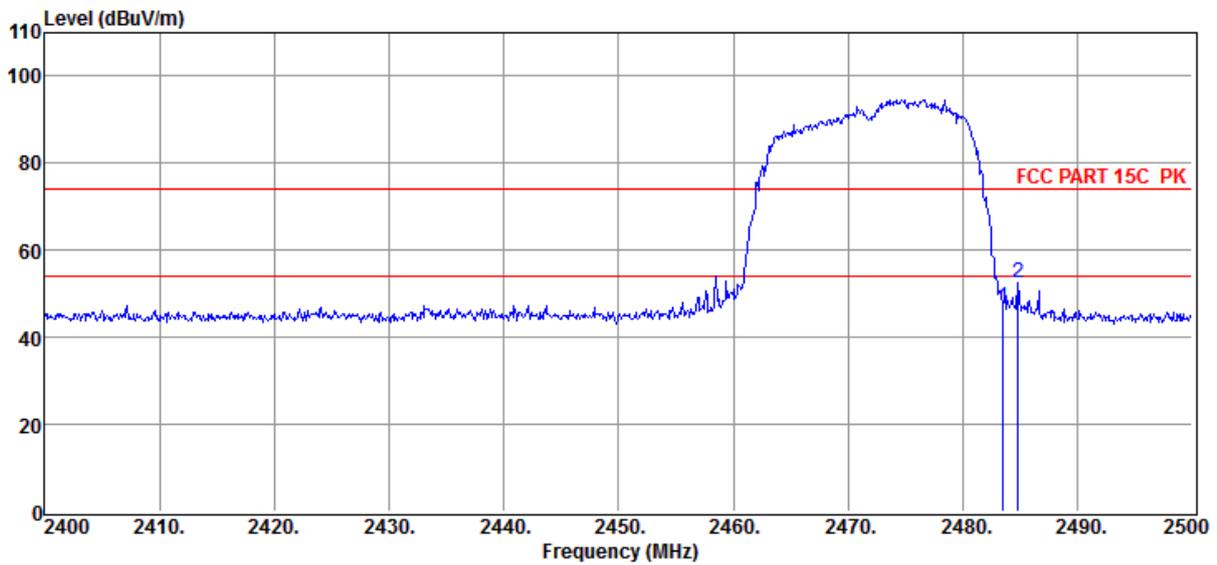
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2472 MHz

Data: 57



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------|-------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2483.50        | 3.52           | 46.82                       | 74.00                         | -27.18                | 159            | 64             | Peak     | VERTICAL     |
| 2              | 2484.80        | 3.53           | 52.37                       | 74.00                         | -21.63                | 186            | 358            | Peak     | VERTICAL     |

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Margin = Result Level - Limit.

## Radiated Emission Test Result

**Test Site** : 10m Chamber

**Test Date** : 12-07-2021

**Tested By** : Sunny

**EUT** : Mobile Handset

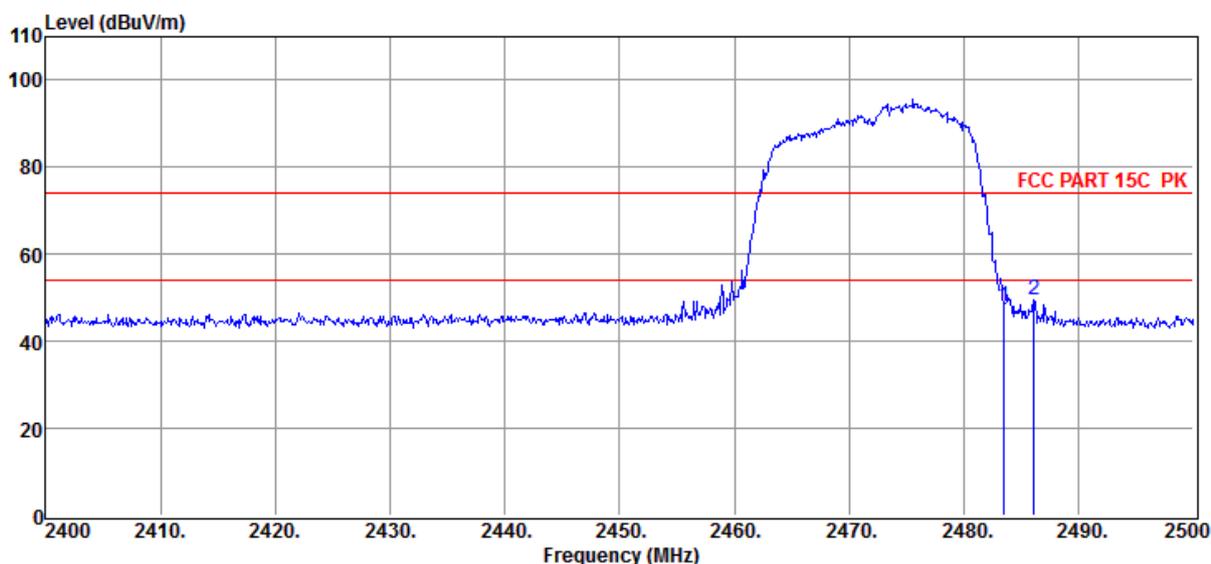
**Model Number** : LM-X430EMW

**Power Supply** : AC 120V/60Hz

**Test Mode** : Tx mode

**Memo** : 11N20 MCS0 2472 MHz

Data: 58



| Item<br>(Mark) | Freq.<br>(MHz) | Factor<br>(dB) | Result<br>Level<br>(dB $\mu$ V/m) | Limit<br>Line<br>(dB $\mu$ V/<br>m) | Over<br>Limit<br>(dB) | Height<br>(cm) | Angle<br>(deg) | Detector | Polarization |
|----------------|----------------|----------------|-----------------------------------|-------------------------------------|-----------------------|----------------|----------------|----------|--------------|
| 1              | 2483.50        | 3.52           | 48.12                             | 74.00                               | -25.88                | 175            | 133            | Peak     | HORIZONTAL   |
| 2              | 2486.10        | 3.55           | 49.46                             | 74.00                               | -24.54                | 163            | 259            | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

## 7. APPENDIXES

The below appendix was detail result tested by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch (Date of Test: 2019/7/31 ~ 2019/8/26)

| Appendix | Item      |
|----------|-----------|
| Appendix | 2.4G WLAN |