

FCC CERTIFICATION TEST REPORT

Report No.: DDT-B21120603-1E04

Applicant	:	LG Electronics USA, Inc.
Address	:	1000 Sylvan Ave. Englewood Cliffs, New Jersey, United States 07632
Equipment under Test	:	Mobile Handset
Model No.	:	LM-X430FMW, LM-X430HM
Trade Mark	:	LG
FCC ID	:	ZNFX430EMW
Manufacturer	:	Huaqin Telecom Technology Co., Ltd.
Address	:	No.1 Building, No.9 Building, No.399, Keyuan Road, 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.

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REPORT

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Test Report Declare

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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.

Report No.:	DDT-B21120603-1E04		
Date of Receipt:	Dec. 06, 2021	Date of Test:	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 in 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) ANSI C63.10:2013	Pass ¹
Maximum Conducted Output Power	FCC 15.247 (b) (3) ANSI C63.10:2013	Pass ²
Power Spectral Density	FCC 15.247 (e) ANSI C63.10:2013	Pass ¹
Band-edge and Spurious Emissions (Conducted)	FCC 15.247 (d) ANSI C63.10:2013	Pass ¹
Radiated Spurious Emissions	FCC 15.247 (d) FCC 15.209 FCC 15.205 ANSI C63.10:2013	Pass ²
Radiated Band Edge Compliance	FCC 15.247 (d) FCC 15.209 FCC 15.205 ANSI C63.10:2013	Pass ²
Power Line Conducted Emission	FCC 15.207 ANSI C63.10:2013	Pass ¹
<p>Note1: The above "pass¹" 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: The above "pass²" 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-X430FMW, LM-X430HM
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 : IEEE 802.11g: 2412MHz-2472MHz : IEEE 802.11n HT20: 2412MHz-2472MHz
Modulation	: IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) : IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) : IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK, BPSK)
Data Rate	: IEEE 802.11b: 1, 2, 5.5, 11 Mbps : IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps : 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. Difference of Model Number

The difference between LM-X430FMW, LM-X430HM and LM-X430FMW, LM-X430HM is show in the below table:

		LM-X430FMW (Updated approval)	LM-X430HM (Updated approval)	LM-X430FMW, LM-X430HM (Full approval)
	Software version	different	different	different
Licensed Frequency	LTE	B1/ B2/B3/ B4/B5/B7/B8/B12/B13/B1 7/B28/B38/B40/B66	B1/ B2/B3/ B4/B5/B7/B8/B12/B13/B1 7/B28/B38/B40/B66	B1/ B3/ B7/B8/B20/B38
	CA	Not support	Not support	Not support
	UMTS	B1,B2,B4,B5,B8	B1,B2,B4,B5,B8	B1,B2,B5,B8
	GSM	the same	the same	the same
	IC	the same	the same	the same
	Antenna	the same	the same	the same
Unlicensed Frequency	Bluetooth	the same	the same	the same
	2.4G Wi-Fi	the same	the same	the same
	IC	the same	the same	the same
	Antenna	the same	the same	the same
Hardware	Ram / Rom	2G/32G	2G/32G	2G/32G
	Camera	the same	the same	the same
	PCB	the same	the same	the same
	USB Port	the same	the same	the same
	NFC	Not support	Not support	support
	FM	support	support	Not support
Appearance	Dimension	the same	the same	the same
	Color	the same	the same	the same
Accessory	Battery	the same	the same	the same
	External Charger	the same	the same	the same
	USB Cable	the same	the same	the same
other	SIM card	Double SIM	Single SIM	Double SIM

According to the difference above, there were no test on LM-X430FMW, LM-X430HM, the data were copied from the report of LM-X430FMW, LM-X430HM (DDT-B21120602-1E02), and the worst case data spot check on LM-X430FMW, LM-X430HM, and the data displayed in the sport check attachment.

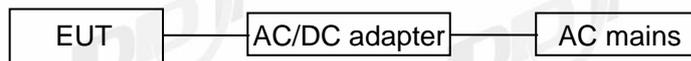
2.3. Accessories of EUT

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

2.4. Assistant equipment used for test

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

2.5. 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) (see Note)	Channel	Frequency (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.

2.6. Deviations of test standard

No deviation.

2.7. 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

2.8. 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@dgdtd.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

2.9. 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 ⁻⁸ (Antenna couple method)
	3.4 × 10 ⁻⁸ (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 ⁻⁷
Temperature	±2°C
Humidity	±1%
Uncertainty for Radiation Emission Test (30 MHz - 1 GHz)	2.72 dB (Antenna Polarize: V)
	2.72 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission Test (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
RF Connected Test (MWR Ftest system)					
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
Radiated Emission -10m EMI Chamber					
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
Power Line Conducted Emissions Test					
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.

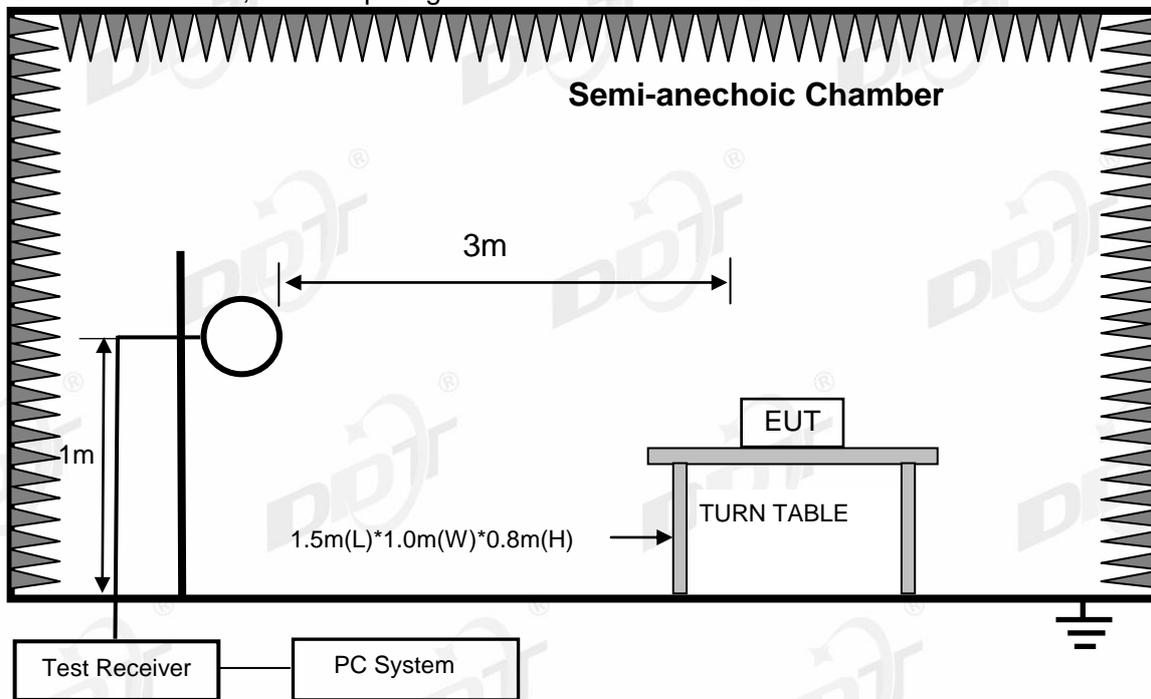
Power:

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

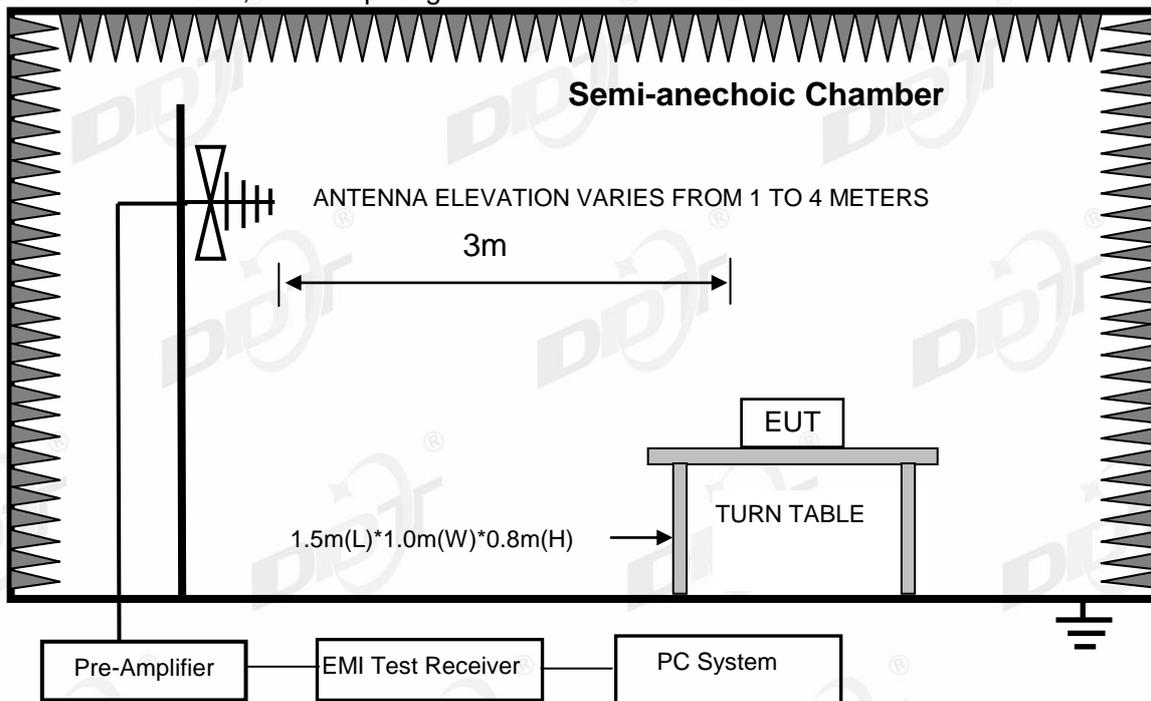
5. Radiated Emission

5.1. Block diagram of test setup

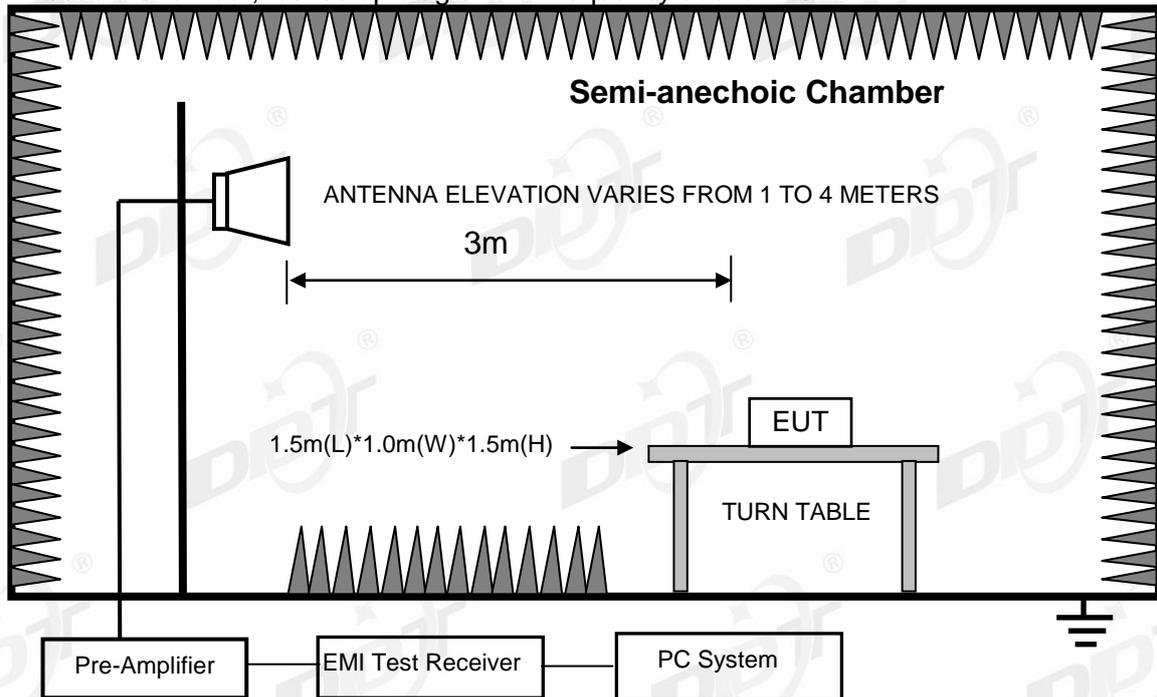
Anechoic Chamber, test setup diagram for 9 kHz - 30 MHz:



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
¹ 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	(²)
13.36-13.41			

¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

²Above 38.6

(2) FCC 15.209 Limit.

FREQUENCY MHz	DISTANCE 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(μV)/m (Peak) 54.0 dB(μV)/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 (1 GHz - 18 GHz)	3 m
18 GHz - 40 GHz	Horn Antenna (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

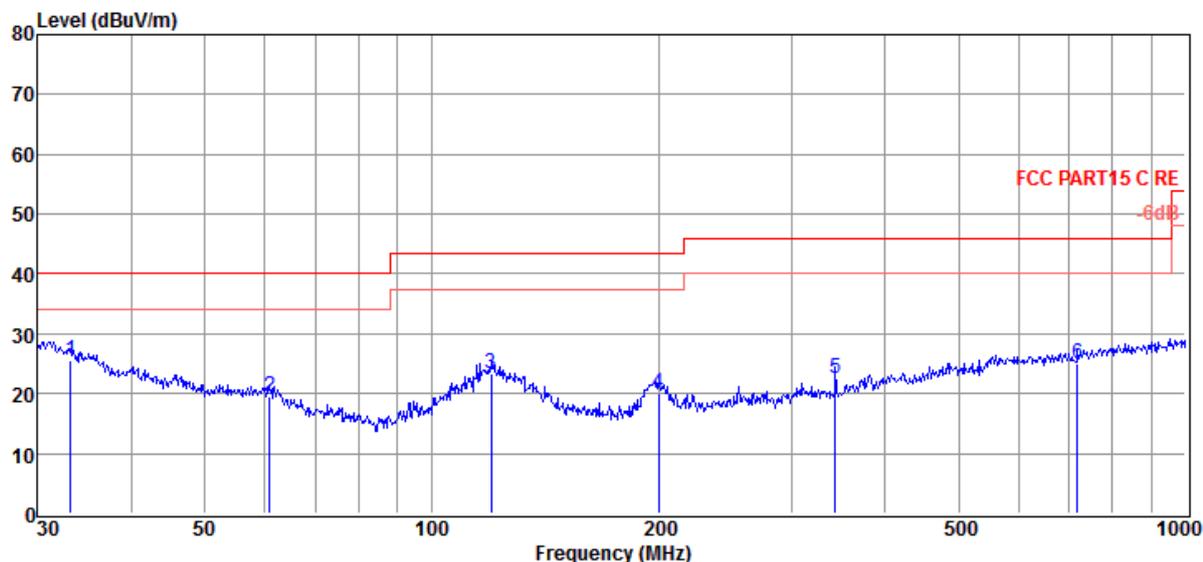
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 2.4G WIFI

Data: 87



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/ m)	Over Limit (dB)	Height (cm)	Angle (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

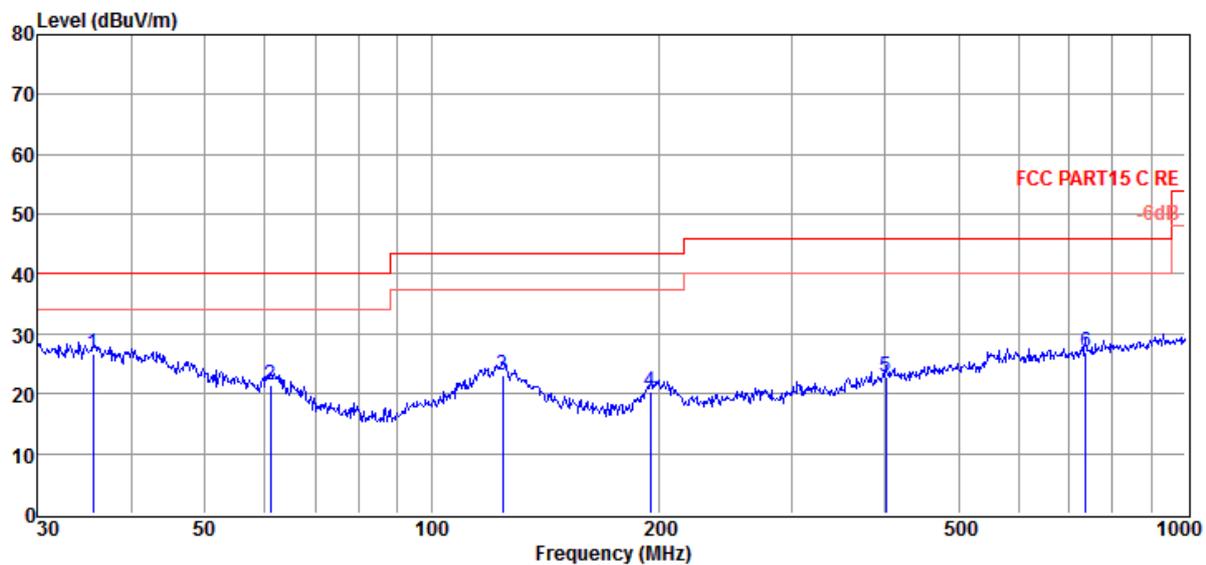
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 2.4G WIIFI

Data: 88



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

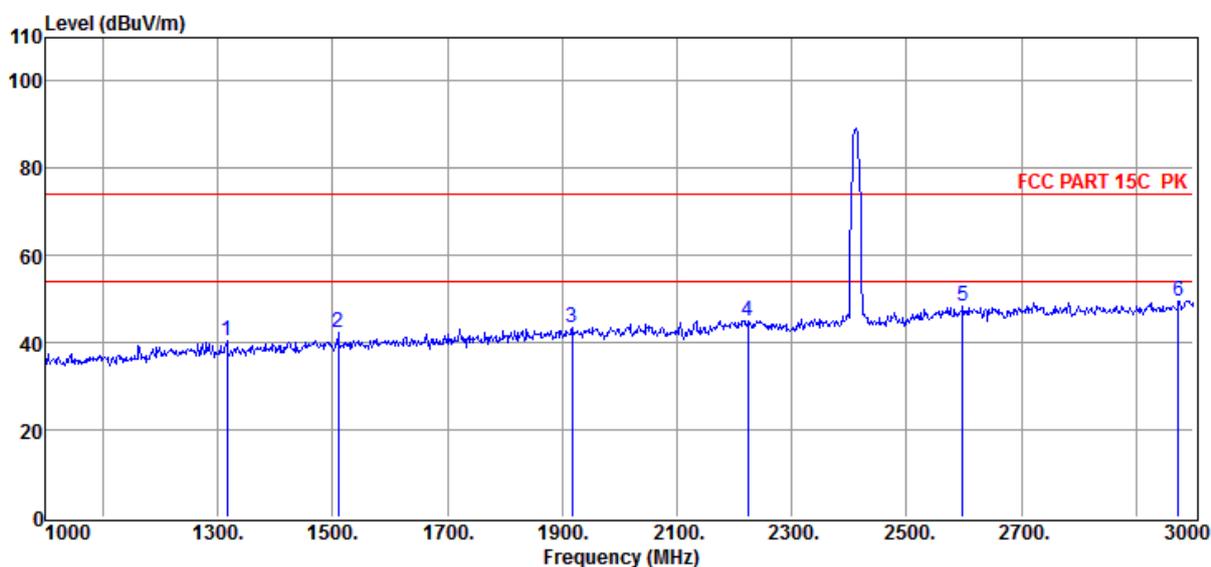
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2412MHz

Data: 101



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

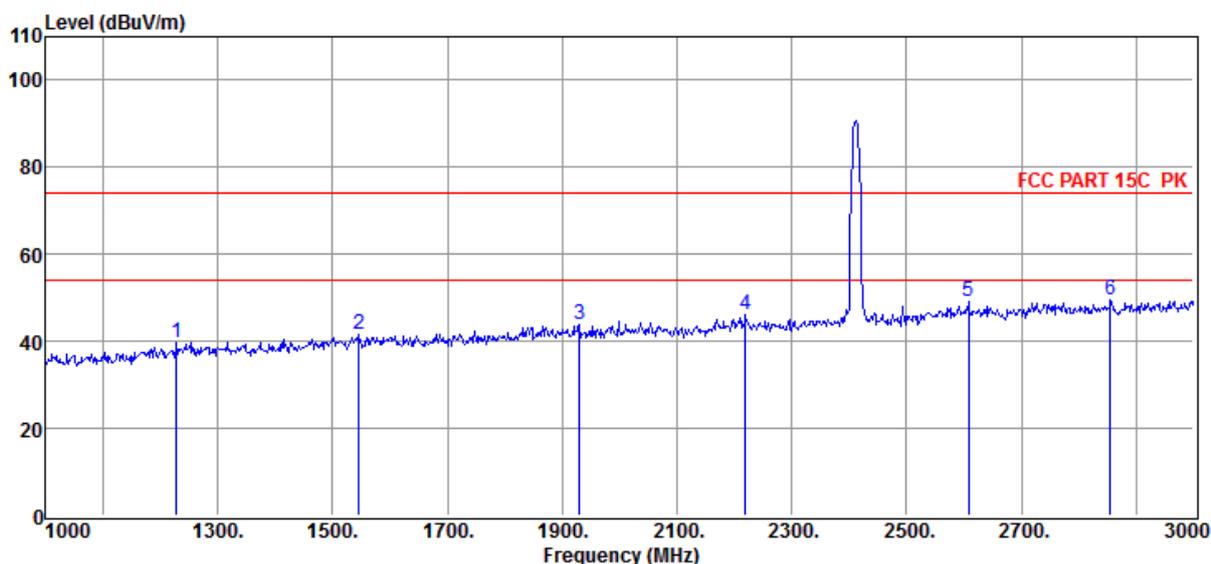
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2412MHz

Data: 102



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

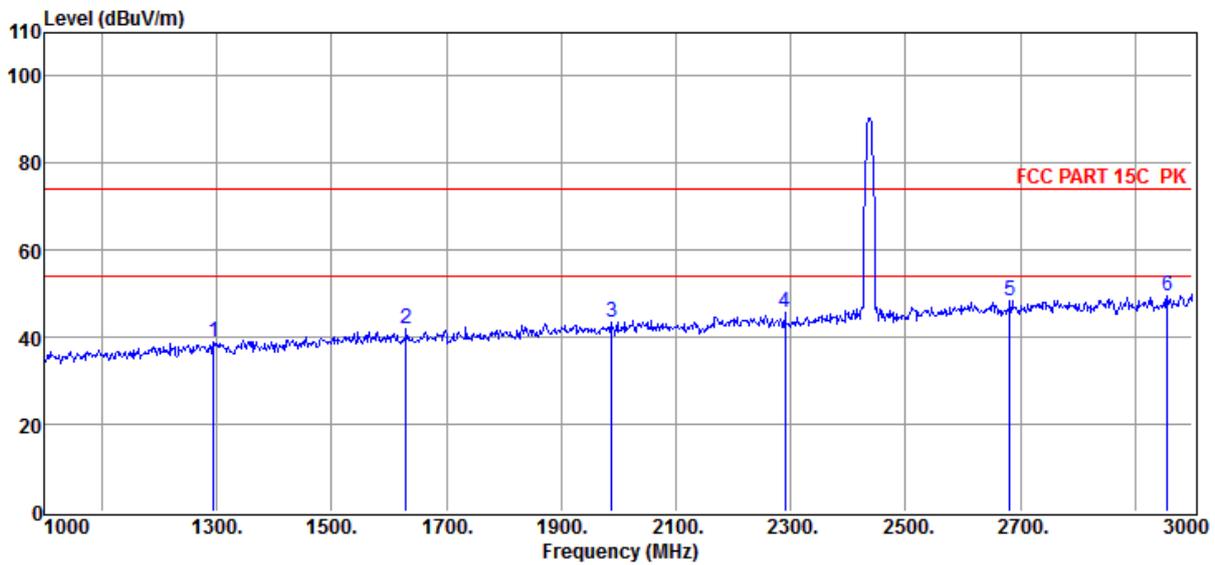
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2437MHz

Data: 103



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

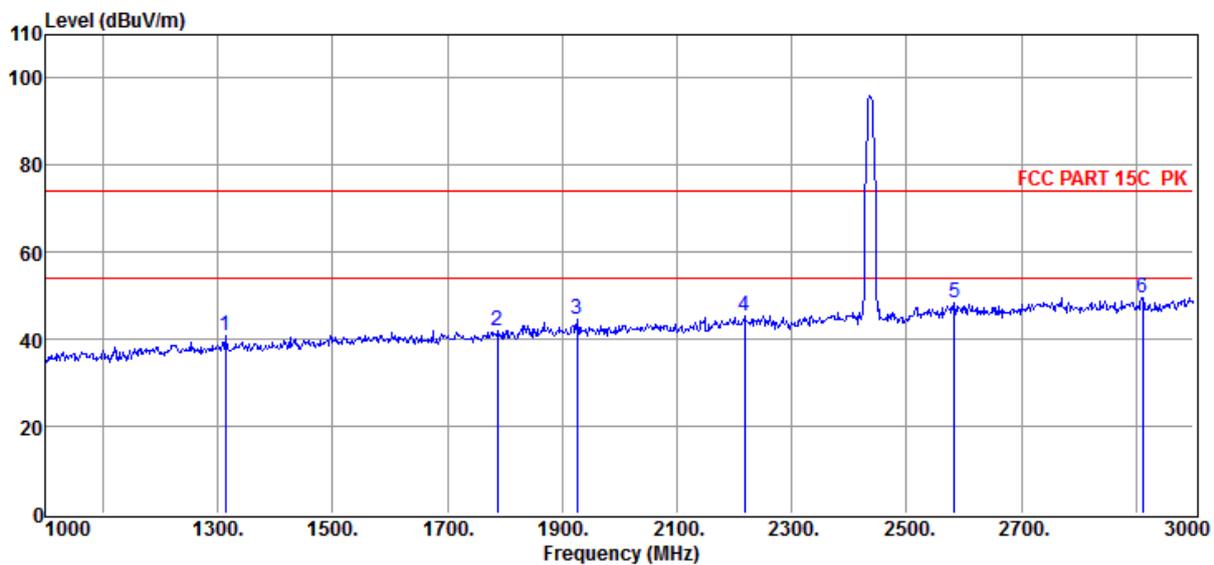
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2437MHz

Data: 104



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

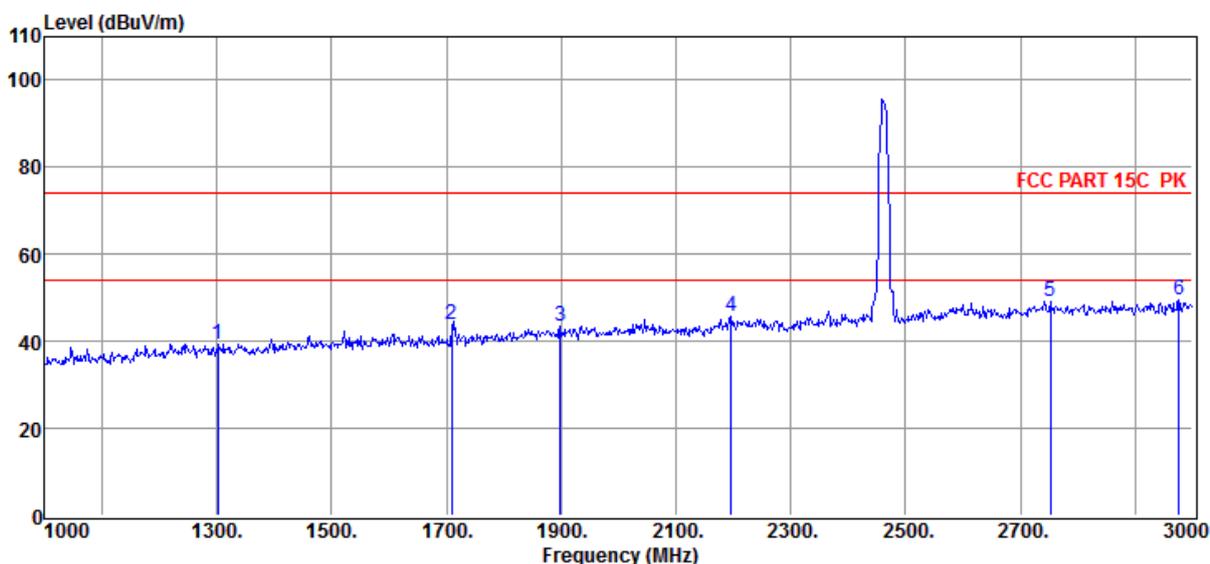
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2462MHz

Data: 105



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

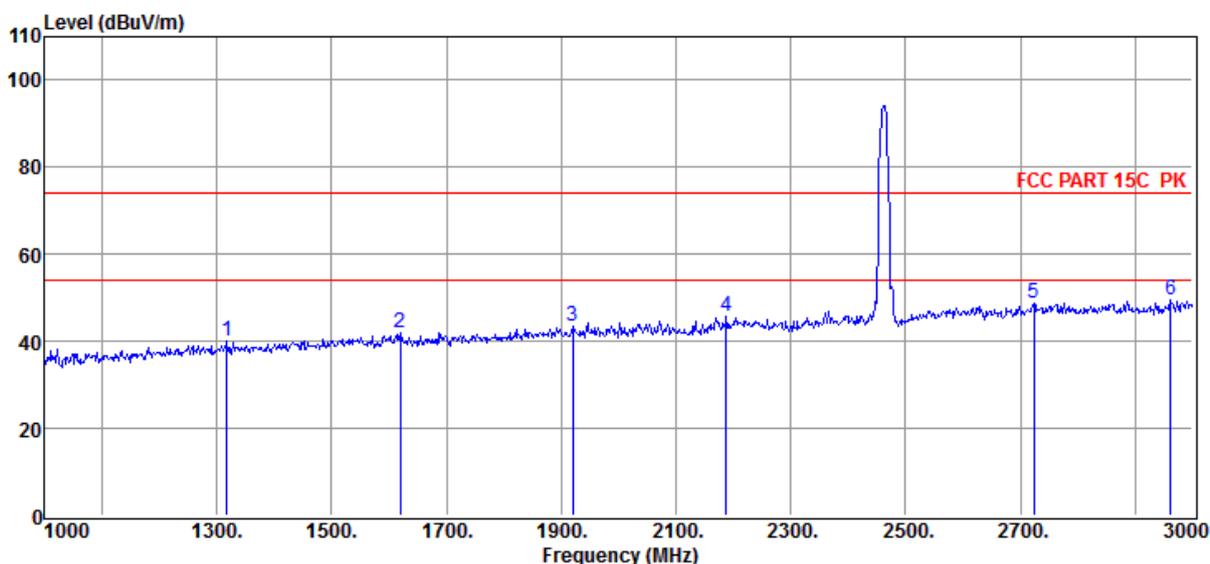
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2462MHz

Data: 106



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Height (cm)	Angle (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

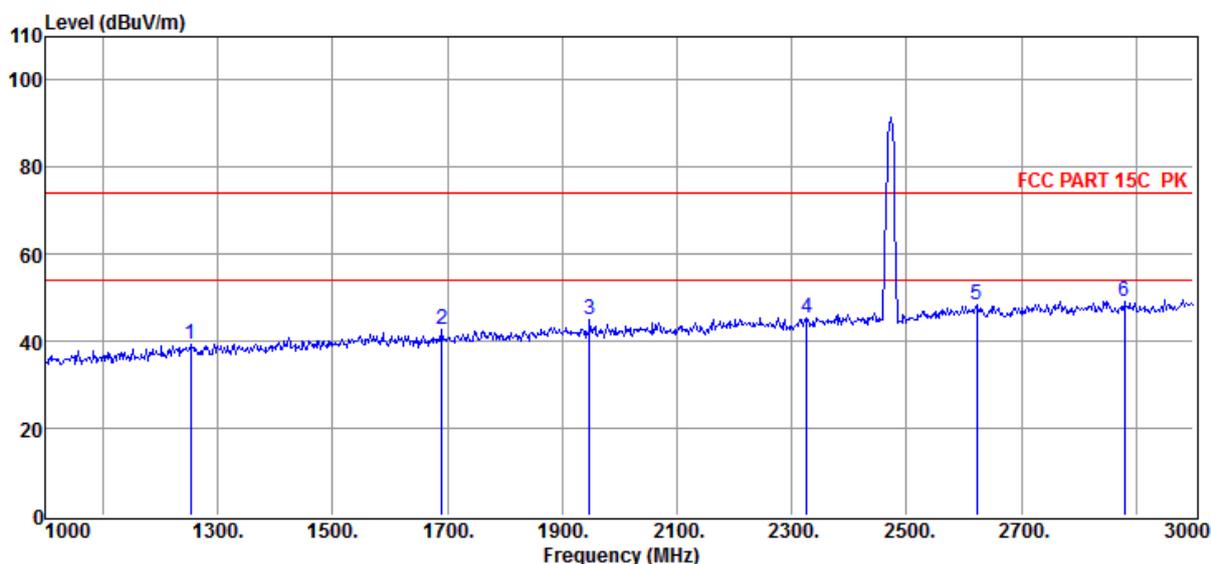
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2472MHz

Data: 107



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

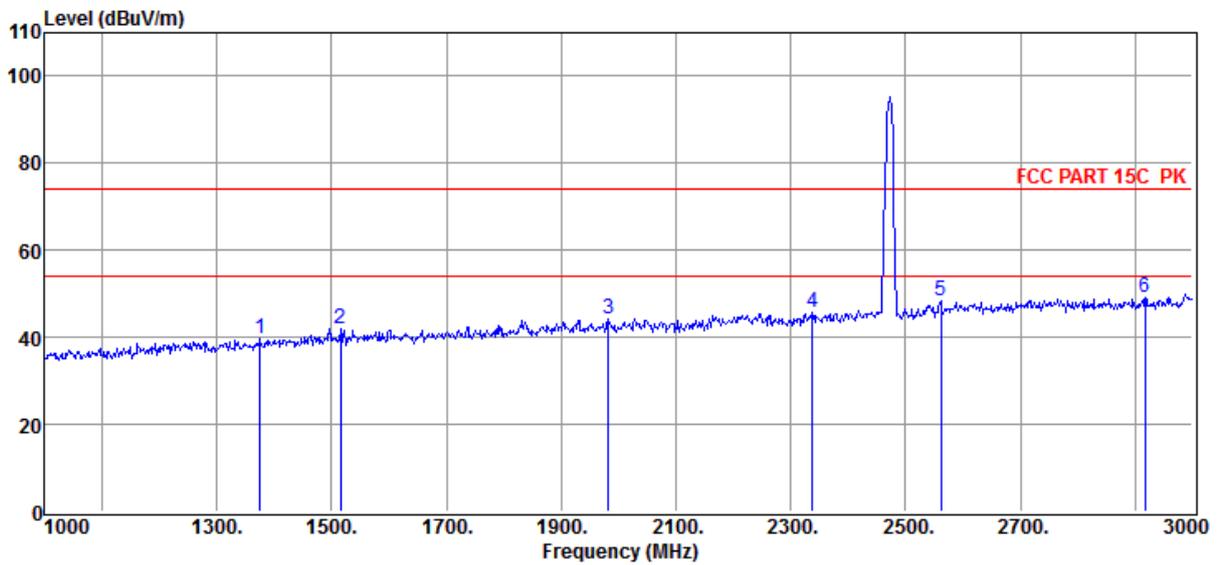
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2472MHz

Data: 108



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

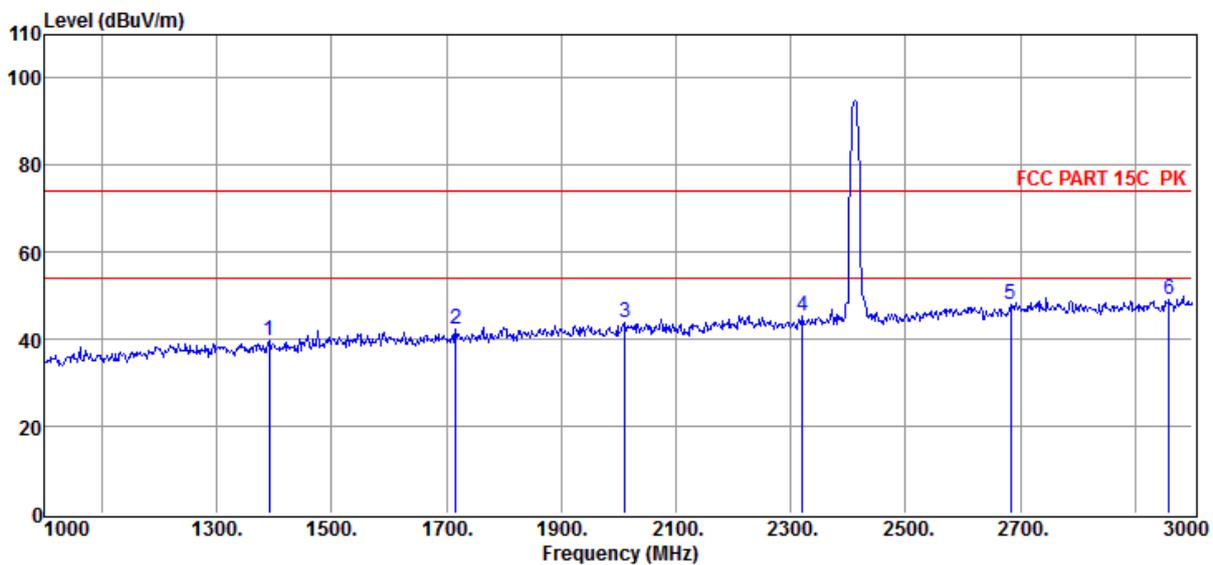
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2412MHz

Data: 109



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ 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

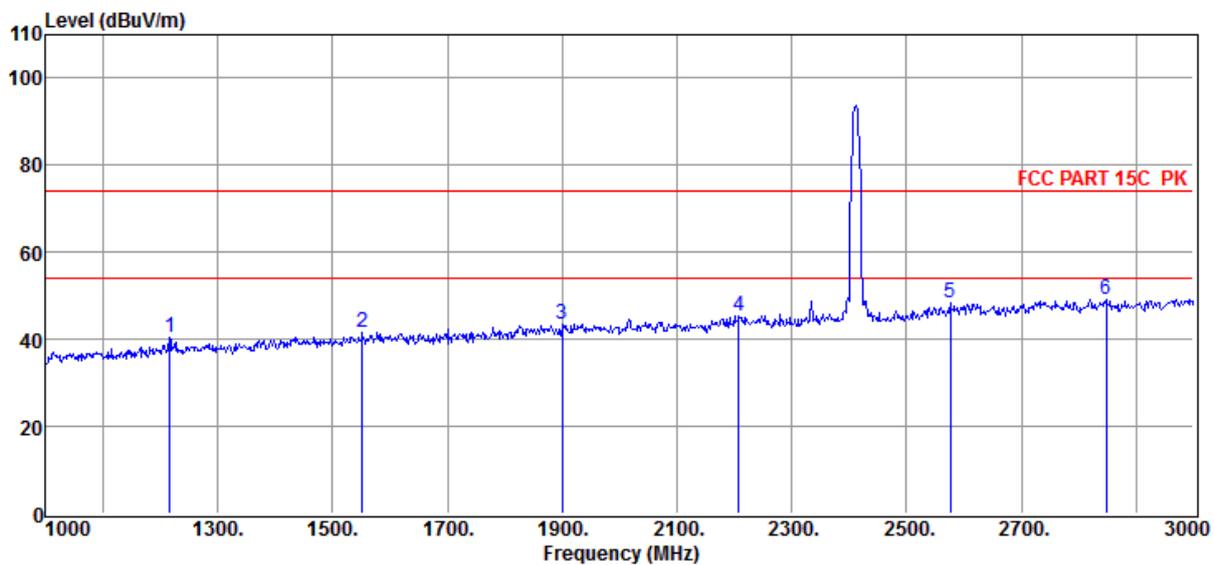
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2412MHz

Data: 110



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

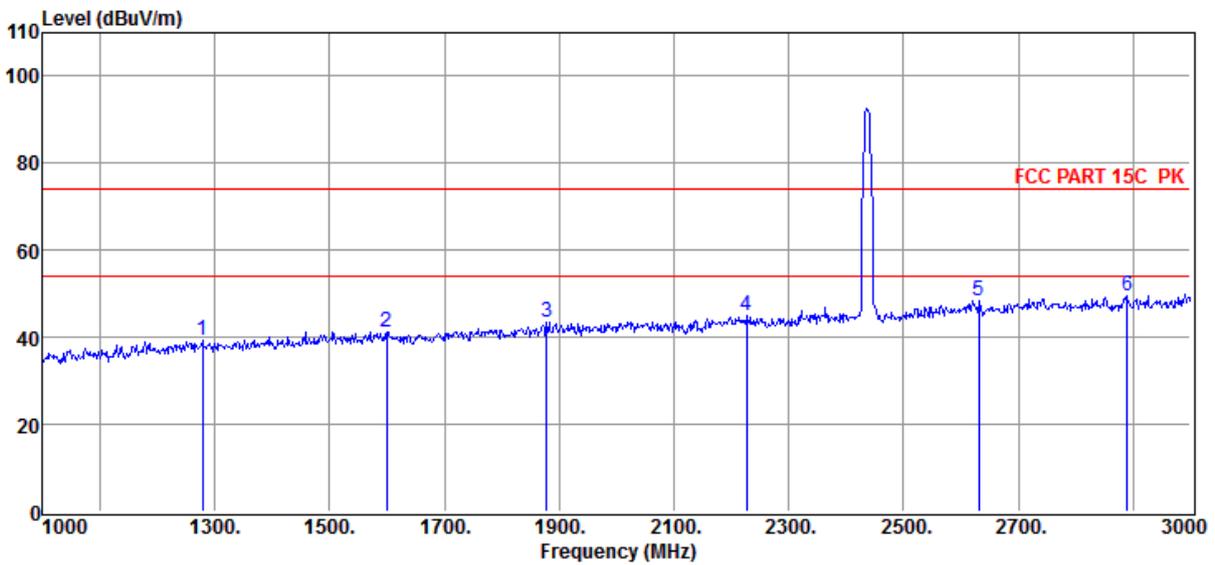
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2437MHz

Data: 111



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Height (cm)	Angle (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

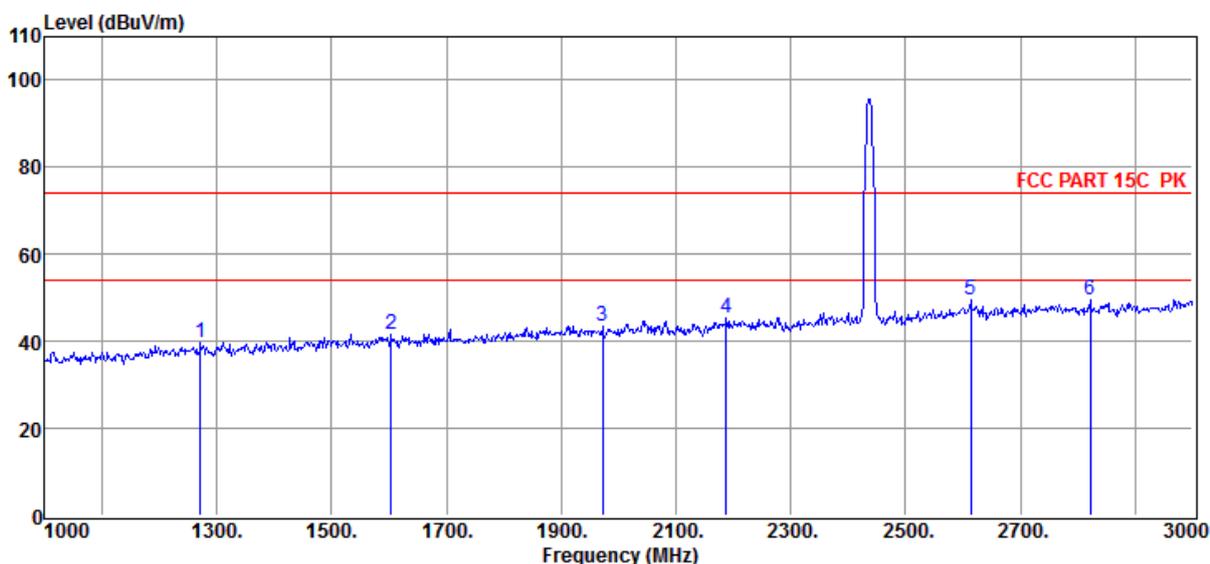
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2437MHz

Data: 112



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

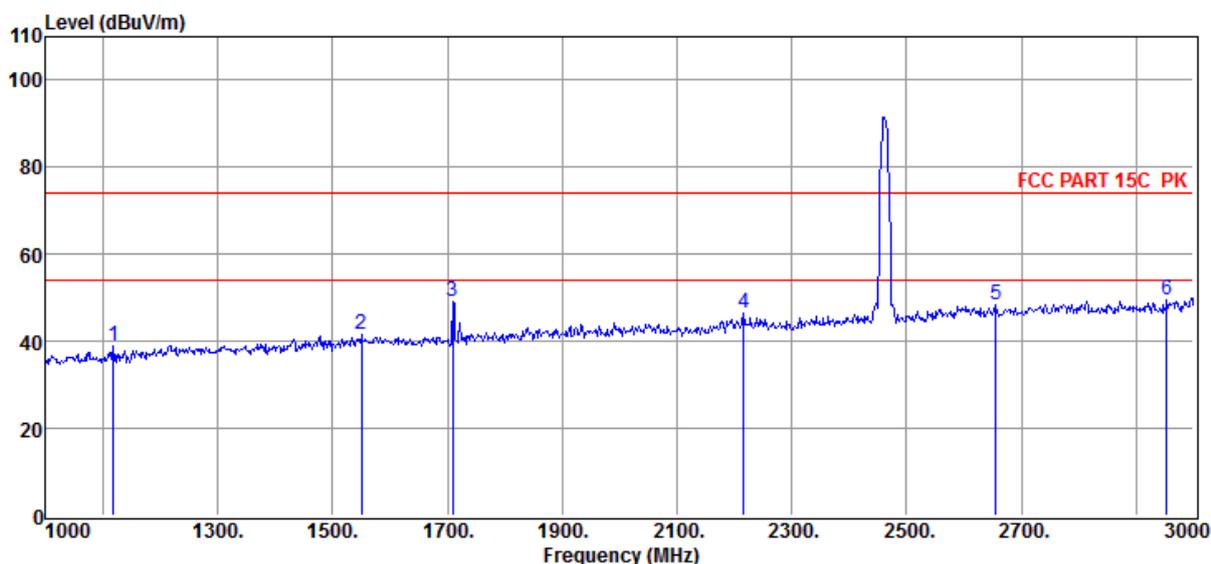
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2462MHz

Data: 113



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

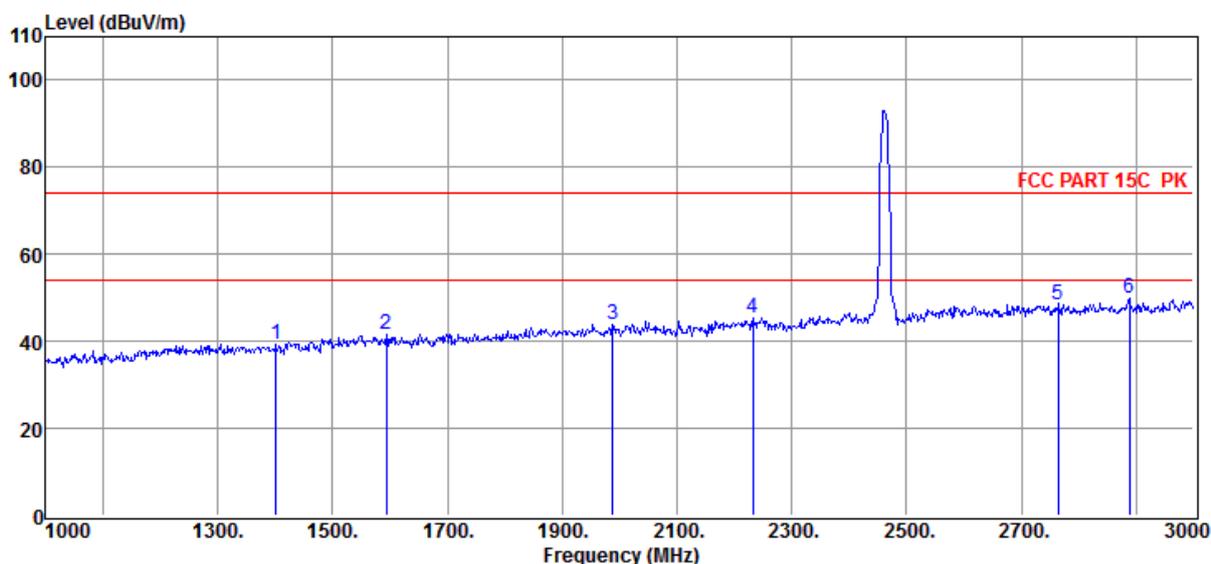
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2462MHz

Data: 114



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/ m)	Over Limit (dB)	Height (cm)	Angle (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

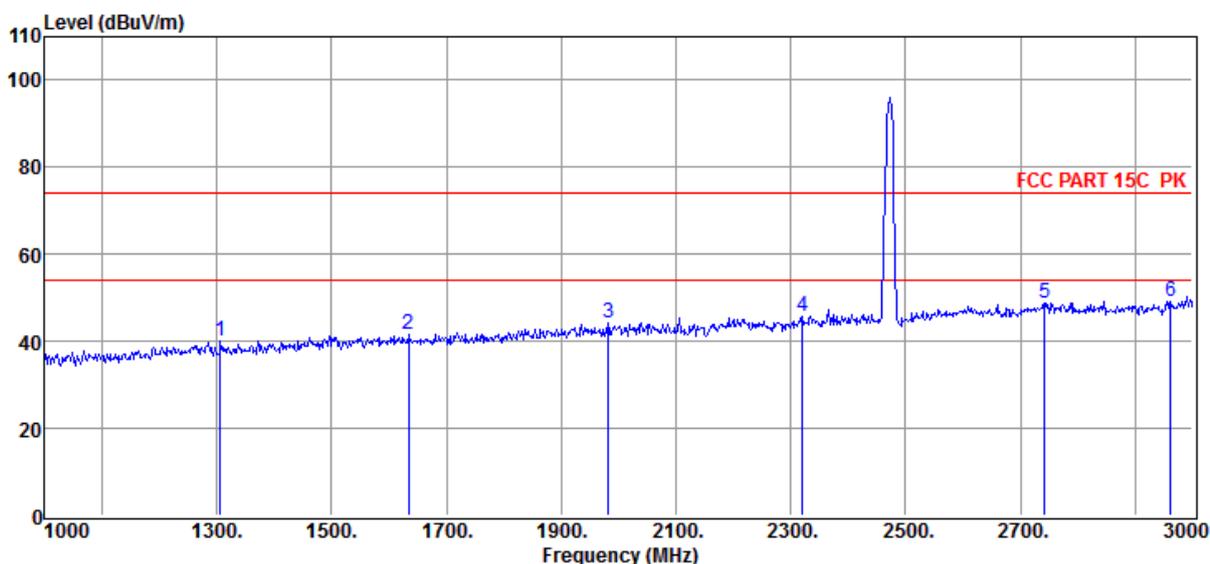
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2472MHz

Data: 115



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

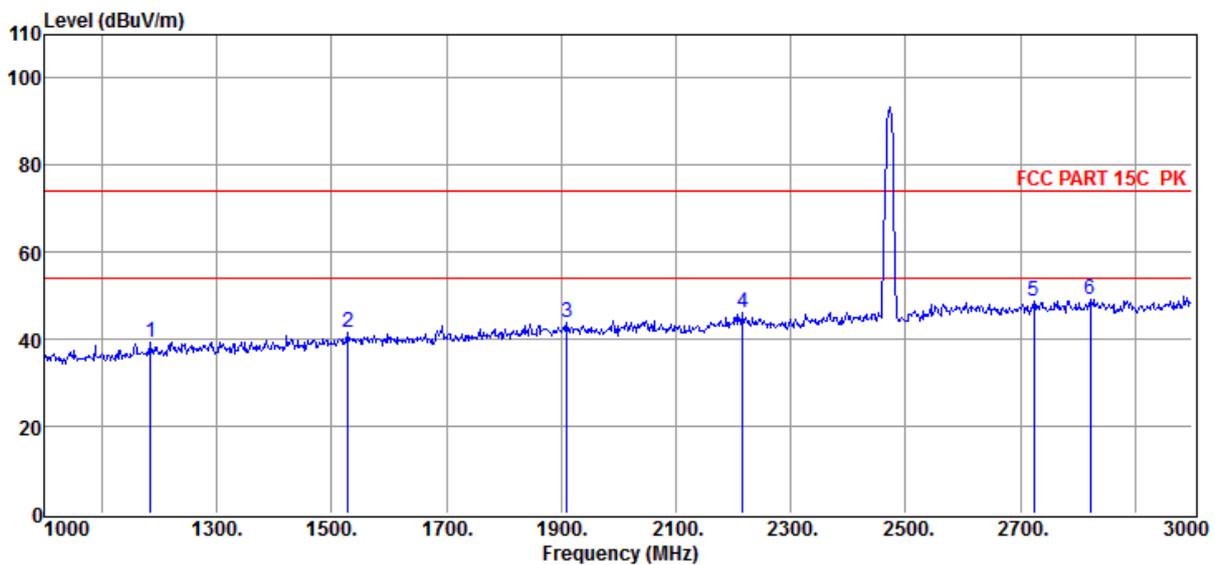
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2472MHz

Data: 116



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/ m)	Over Limit (dB)	Height (cm)	Angle (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

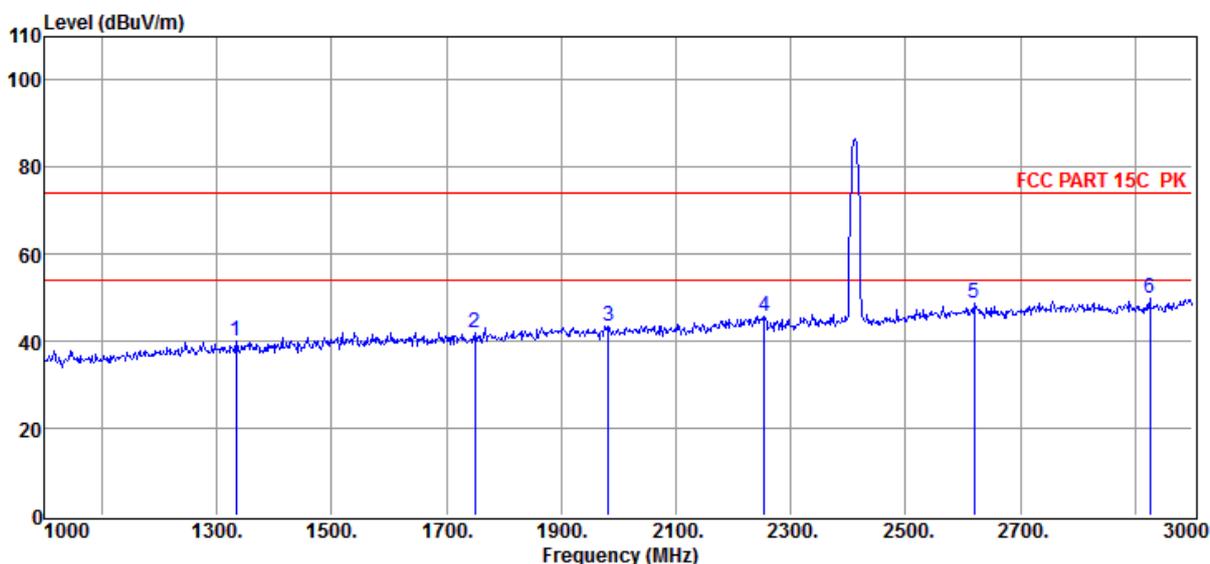
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2412MHz

Data: 117



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

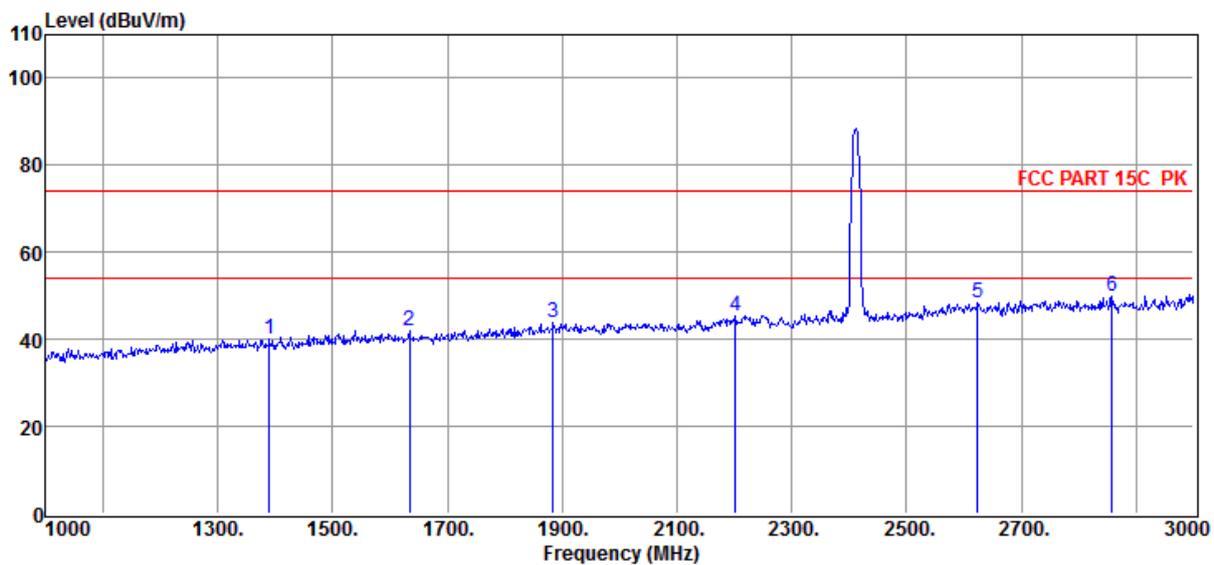
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2412MHz

Data: 118



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

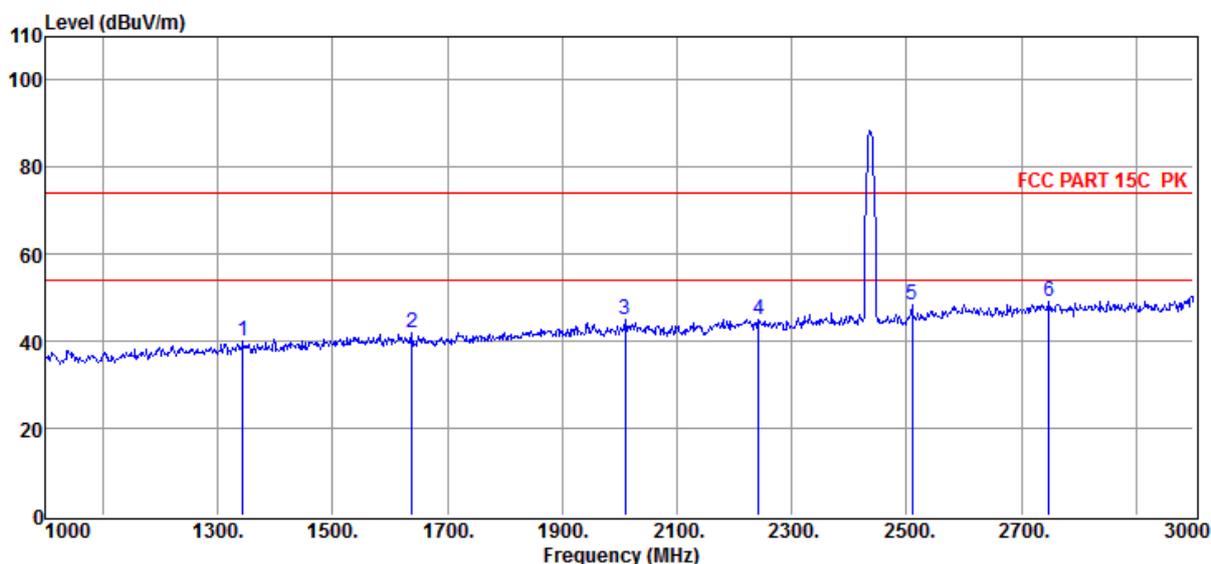
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2437MHz

Data: 119



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

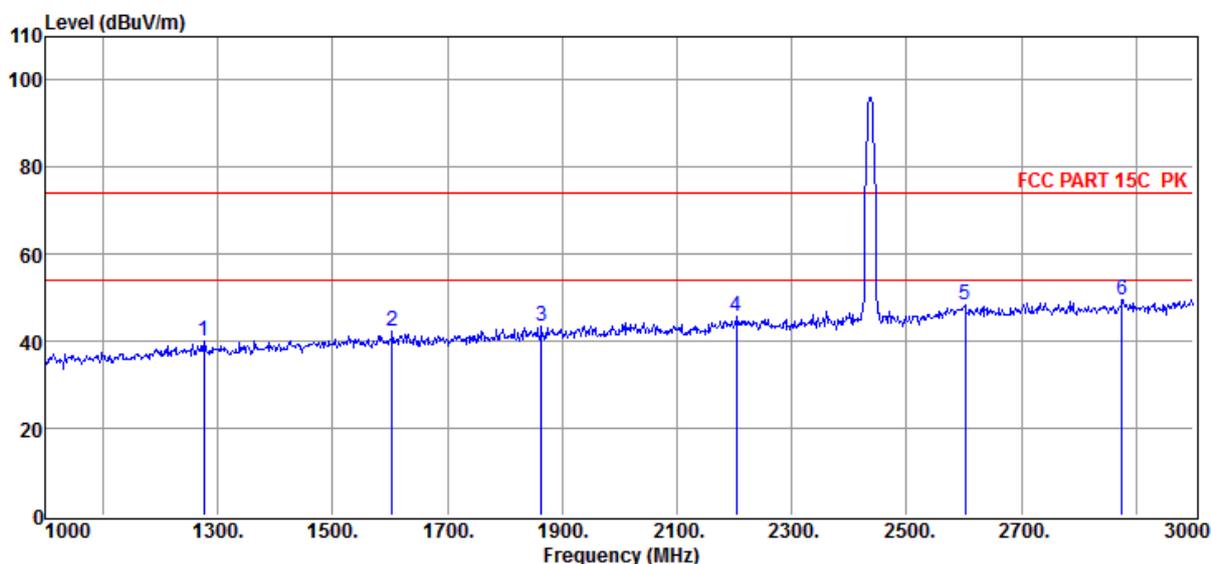
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2437MHz

Data: 120



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

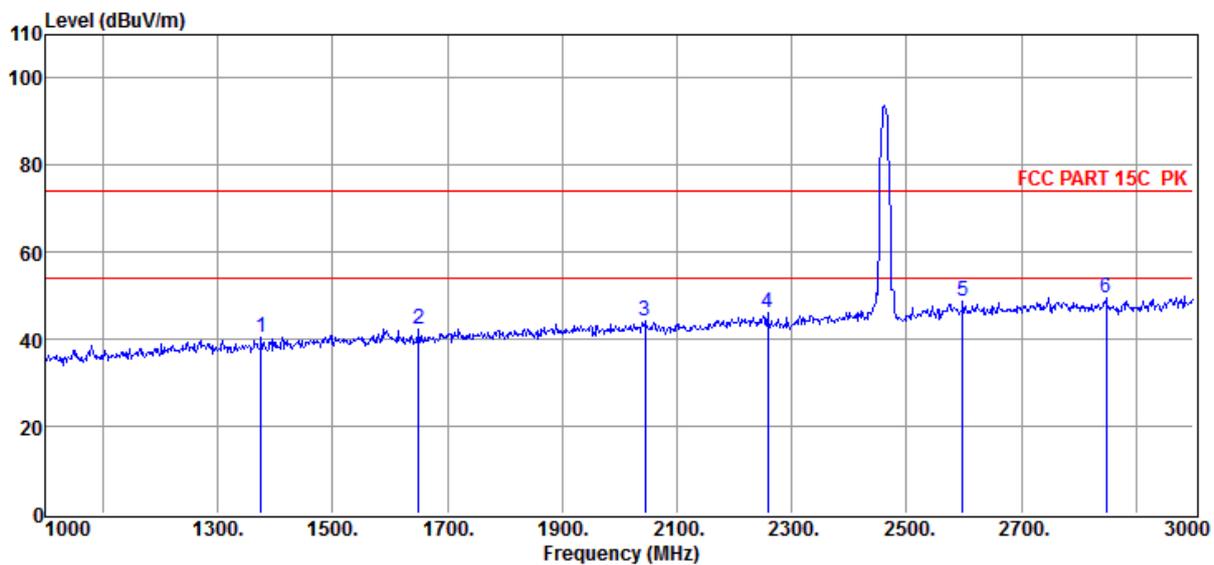
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2462MHz

Data: 121



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

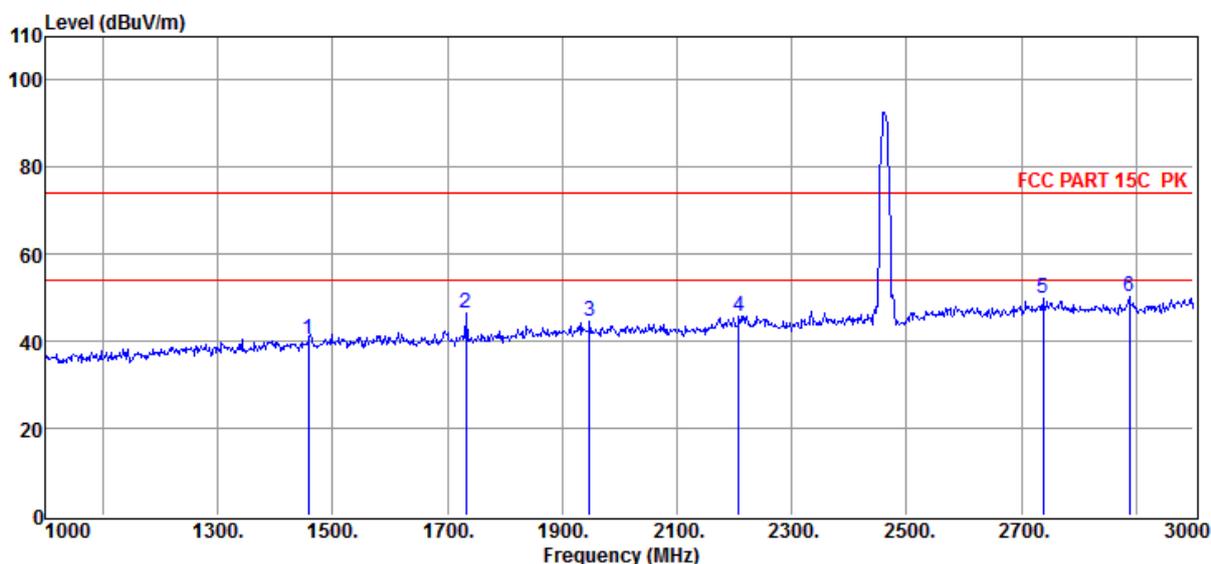
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2462MHz

Data: 122



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/ m)	Over Limit (dB)	Height (cm)	Angle (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

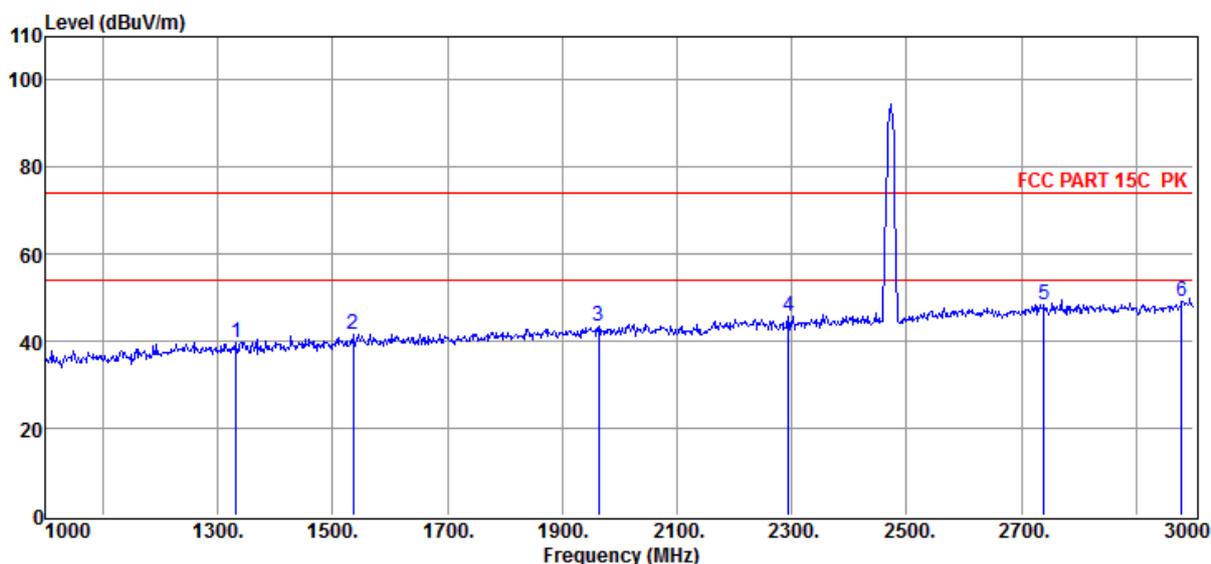
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2472MHz

Data: 123



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/ m)	Over Limit (dB)	Height (cm)	Angle (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

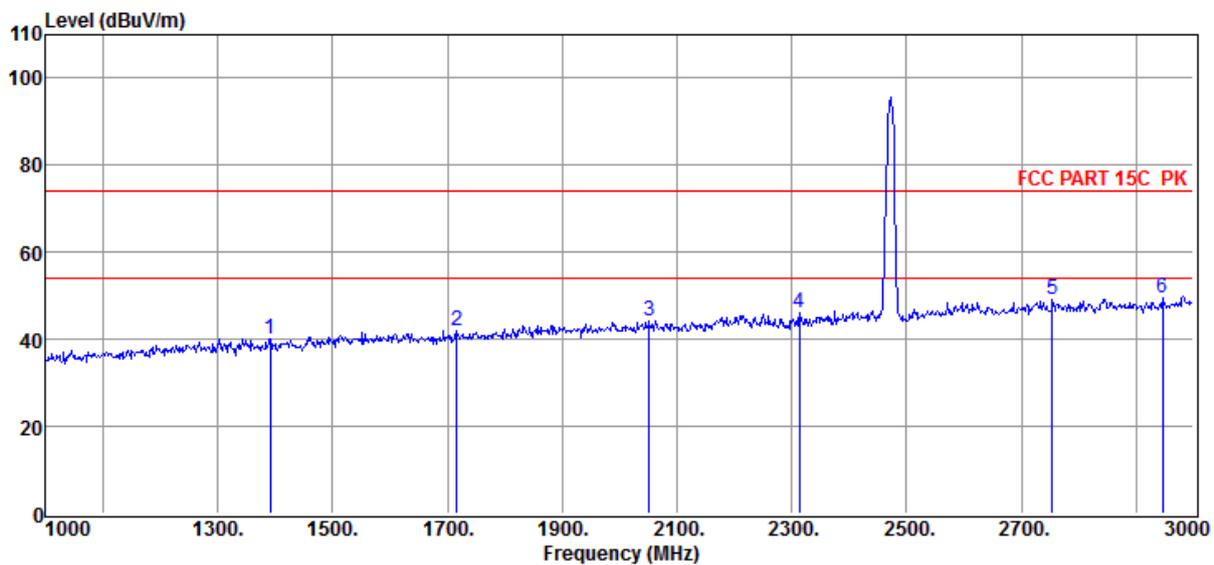
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2472MHz

Data: 124



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

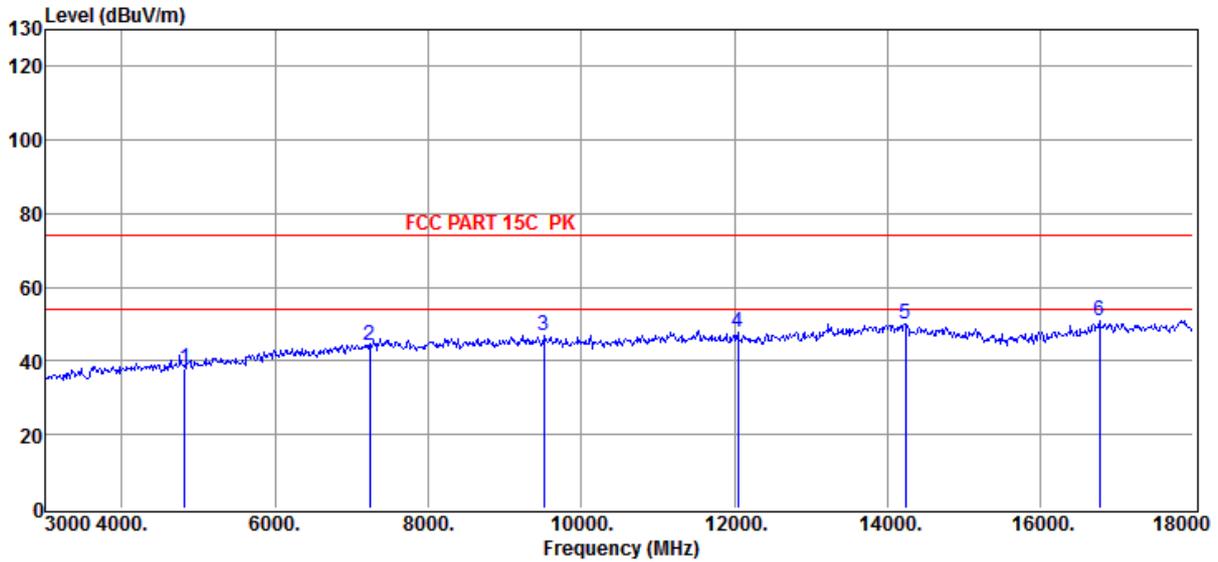
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2412MHz

Data: 81



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/ m)	Over Limit (dB)	Height (cm)	Angle (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

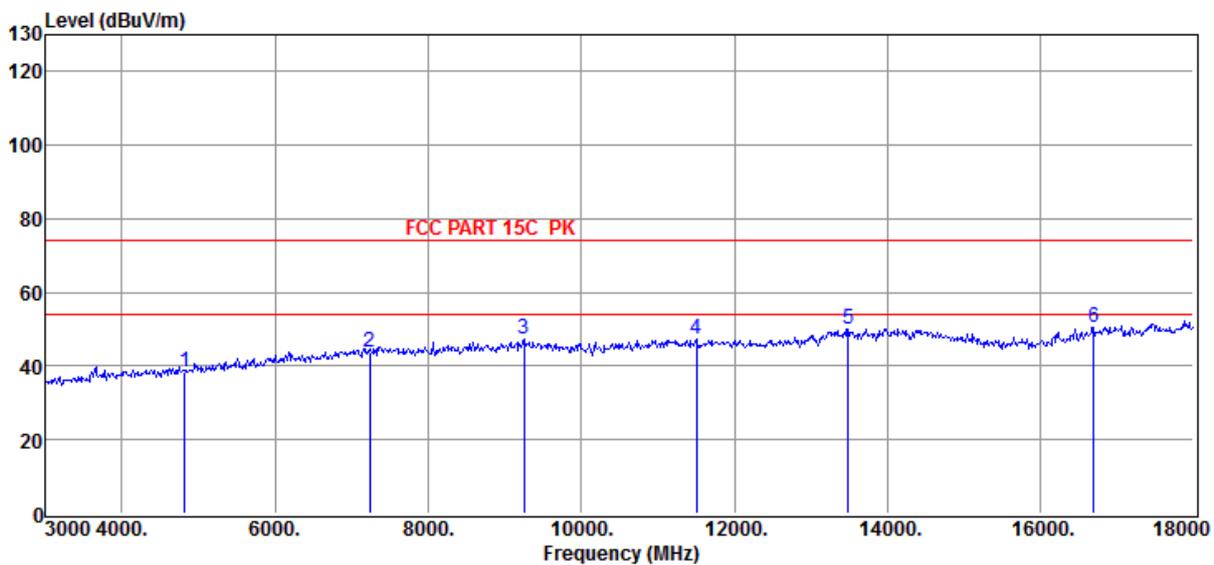
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2412MHz

Data: 82



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/ m)	Over Limit (dB)	Height (cm)	Angle (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

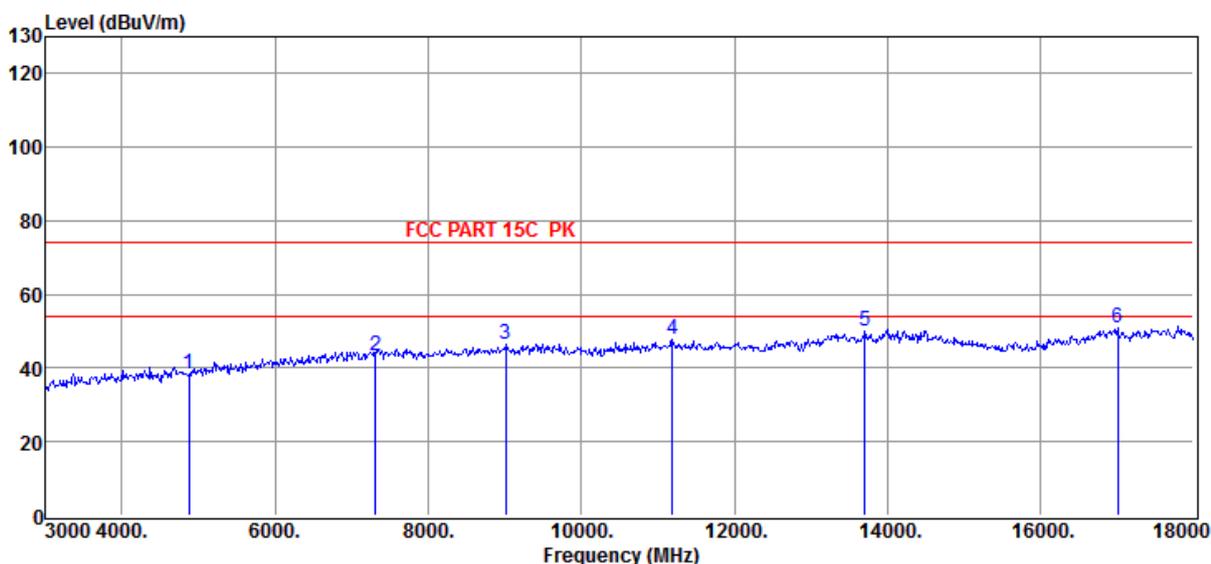
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2437MHz

Data: 79



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

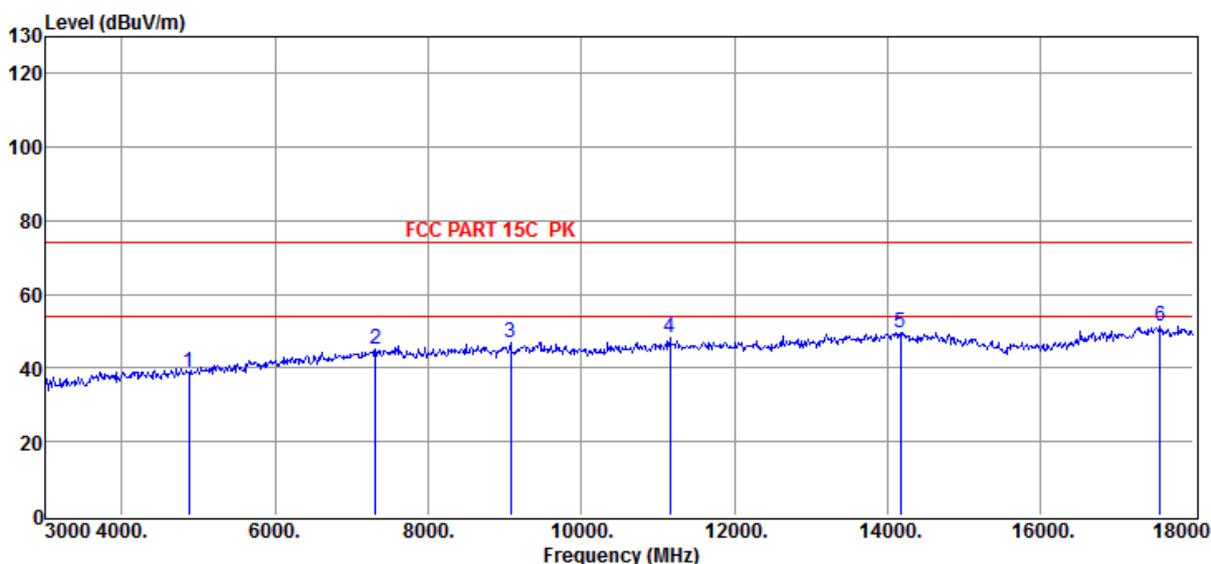
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2437MHz

Data: 80



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

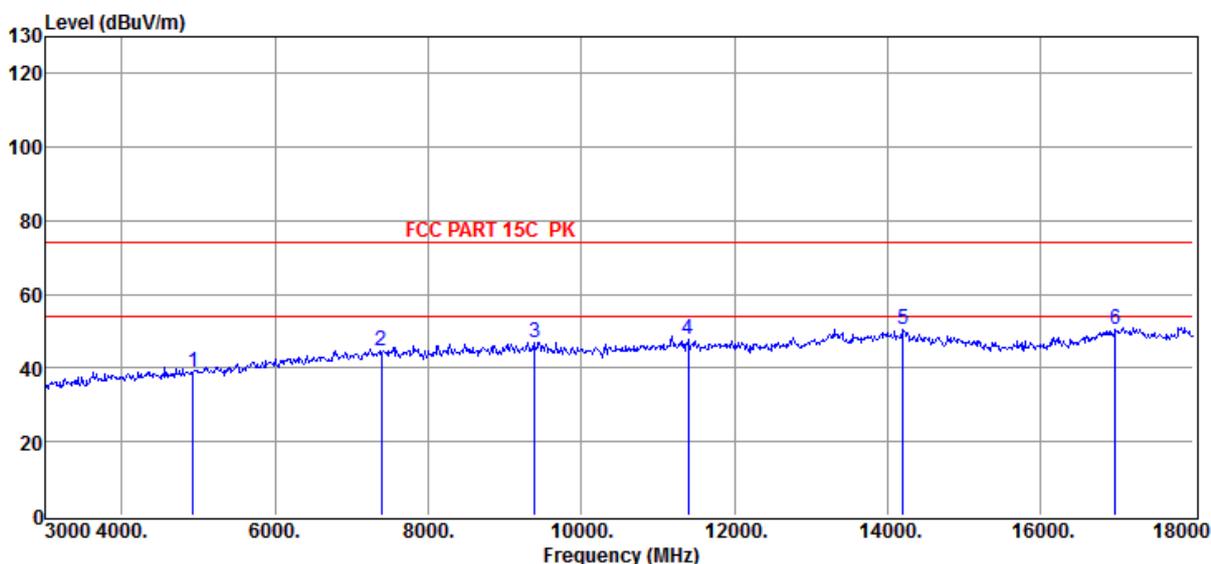
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2462MHz

Data: 77



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

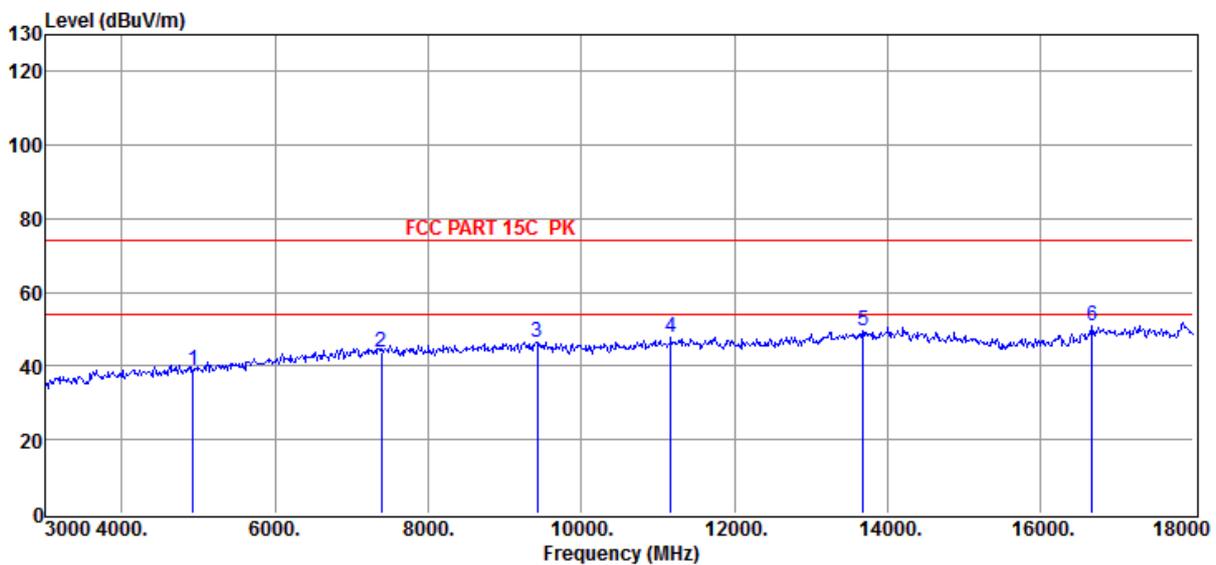
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2462MHz

Data: 78



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

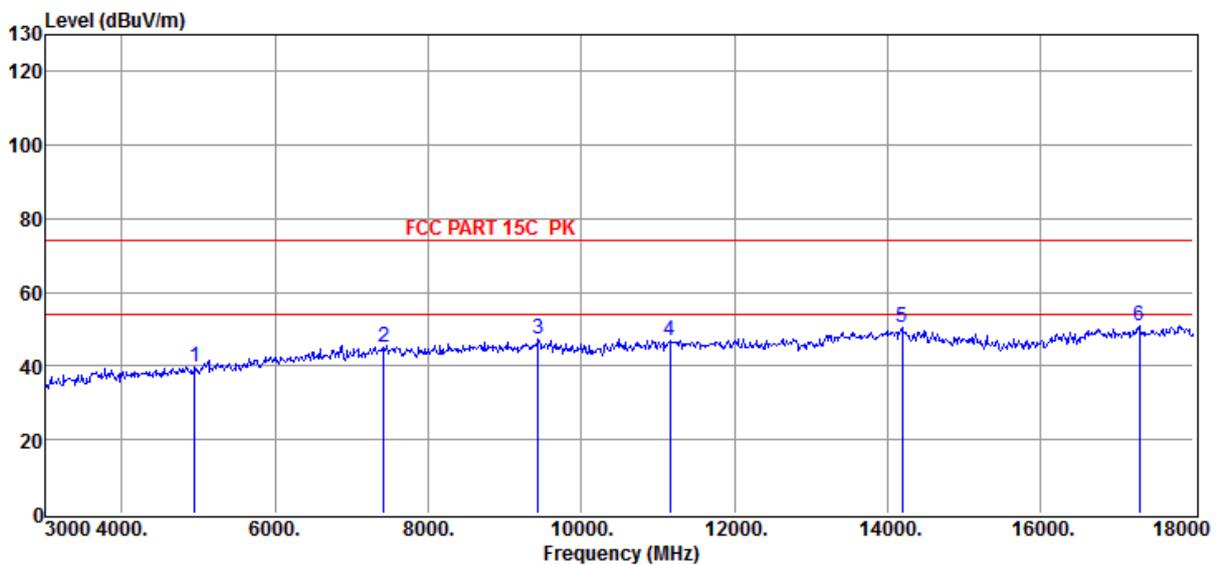
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2472MHz

Data: 75



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

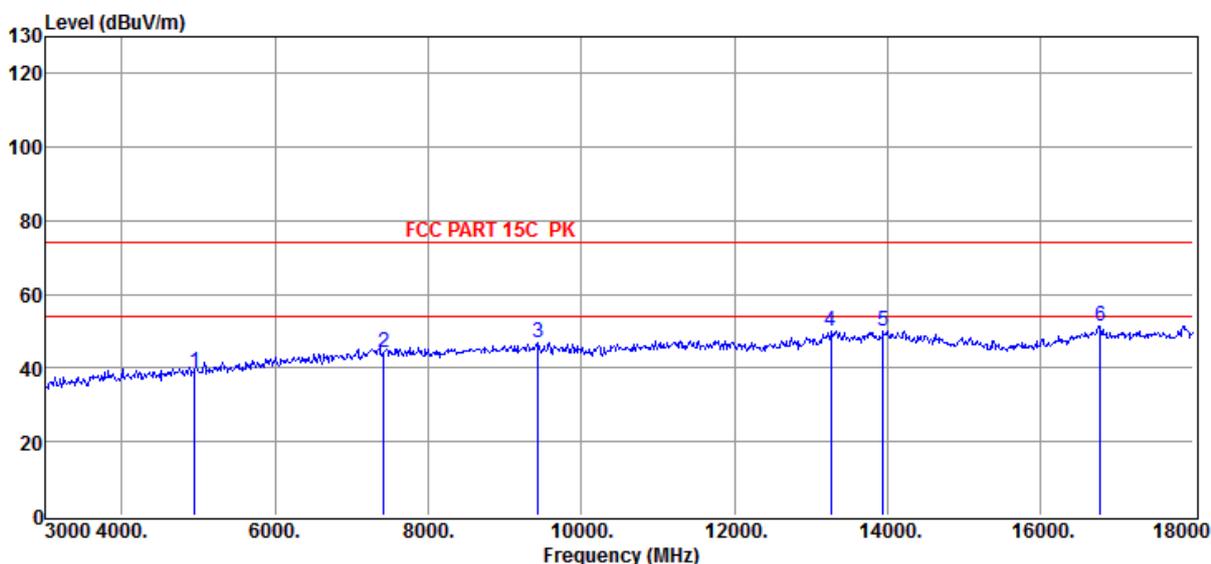
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2472MHz

Data: 76



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

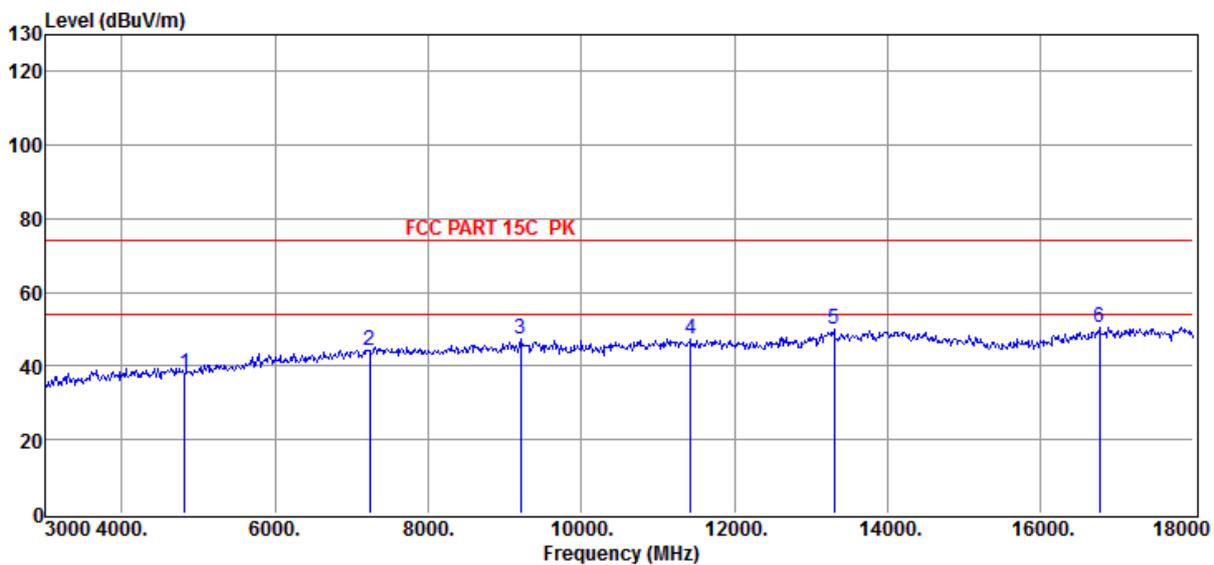
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2412MHz

Data: 67



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

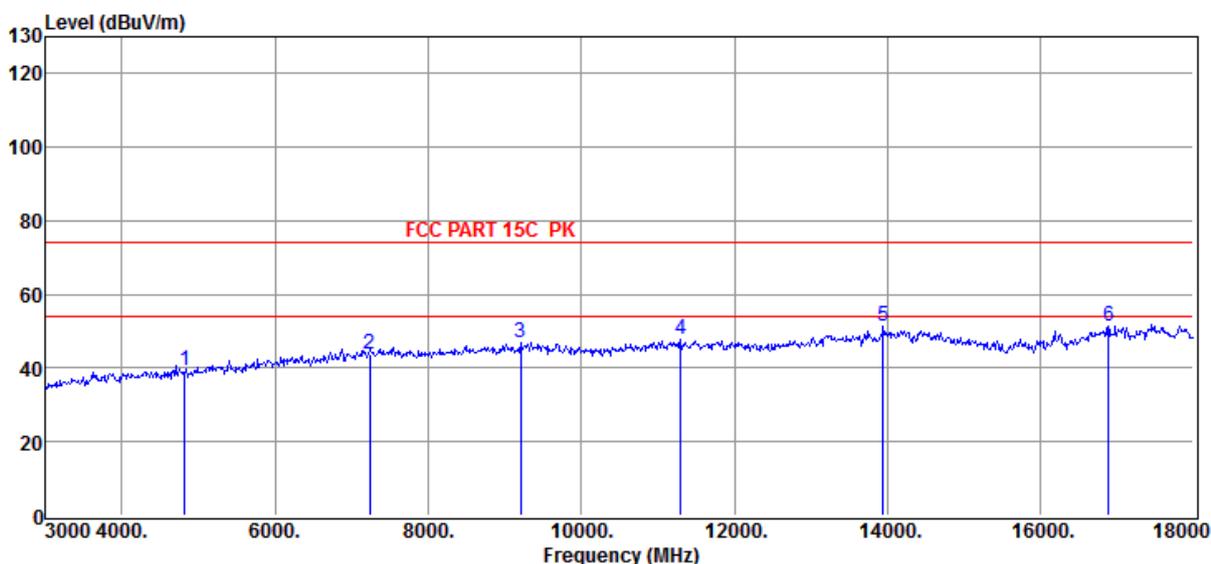
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2412MHz

Data: 68



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/ m)	Over Limit (dB)	Height (cm)	Angle (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

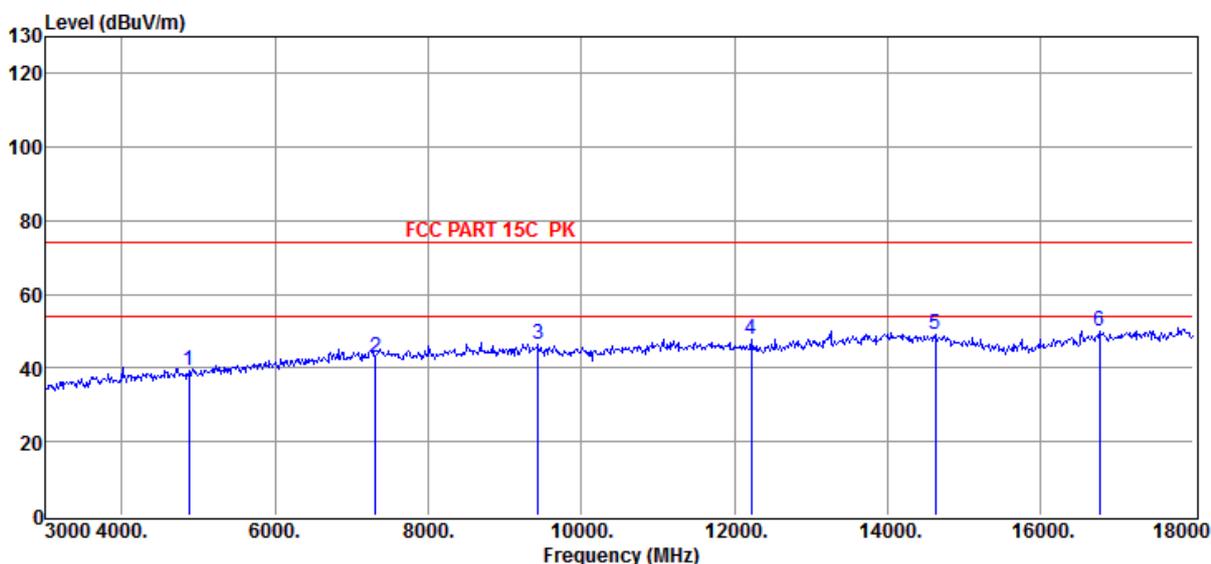
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2437MHz

Data: 69



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/ m)	Over Limit (dB)	Height (cm)	Angle (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

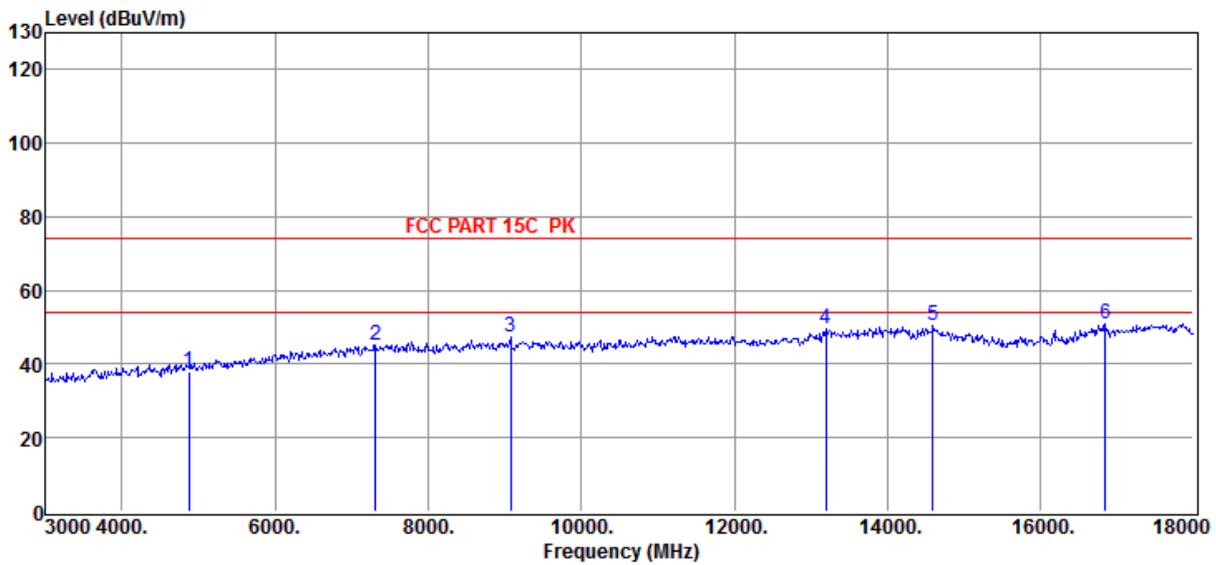
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2437MHz

Data: 70



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

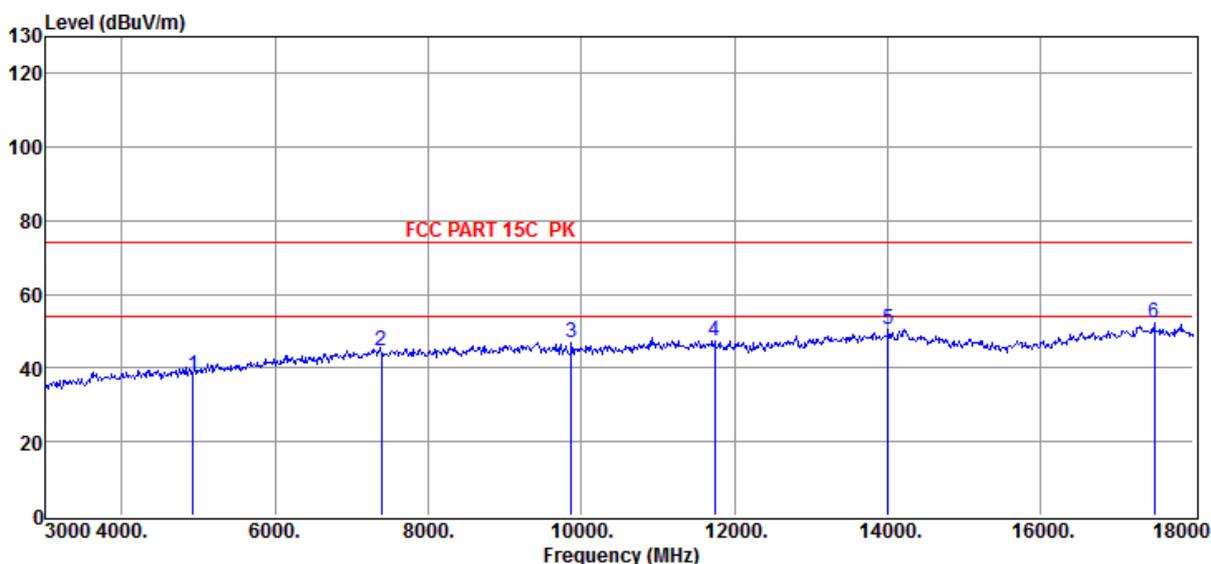
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2462MHz

Data: 71



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ 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

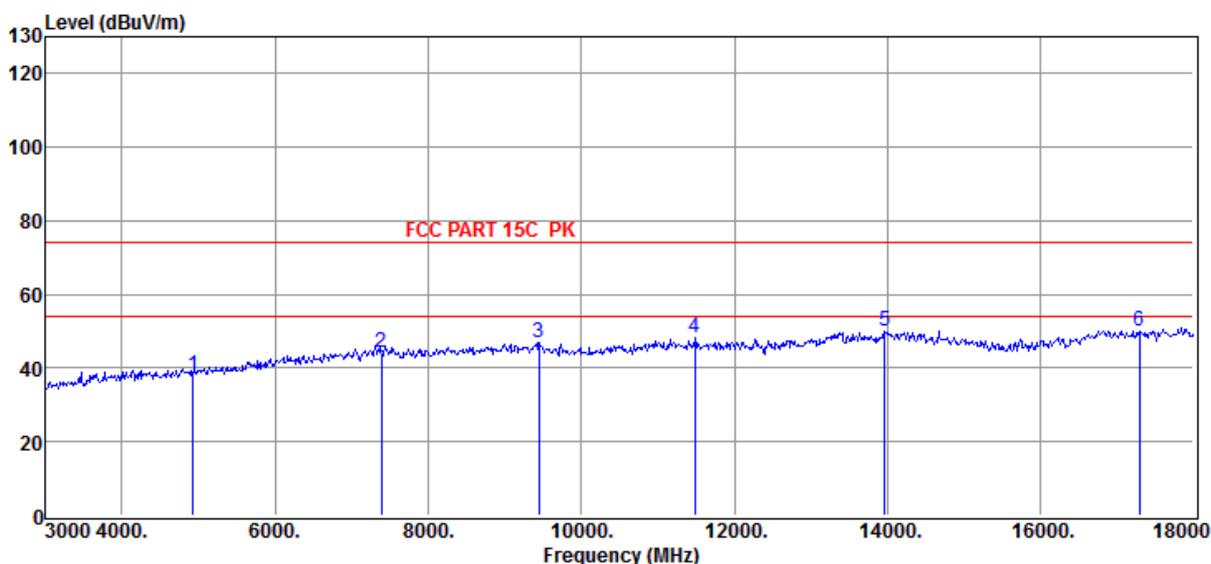
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2462MHz

Data: 72



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

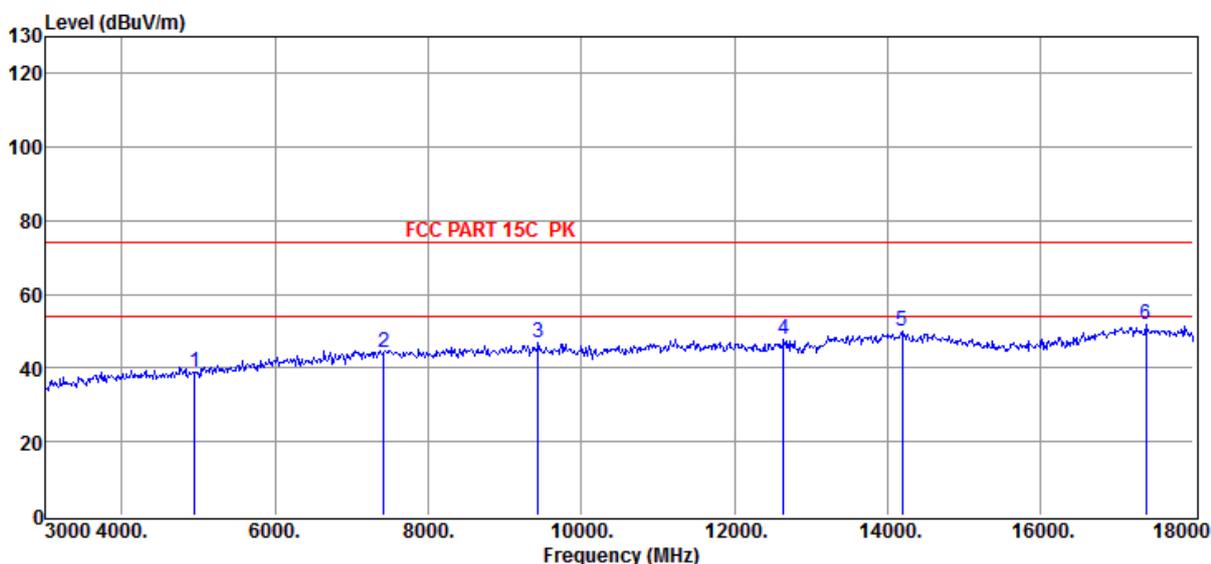
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2472MHz

Data: 73



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

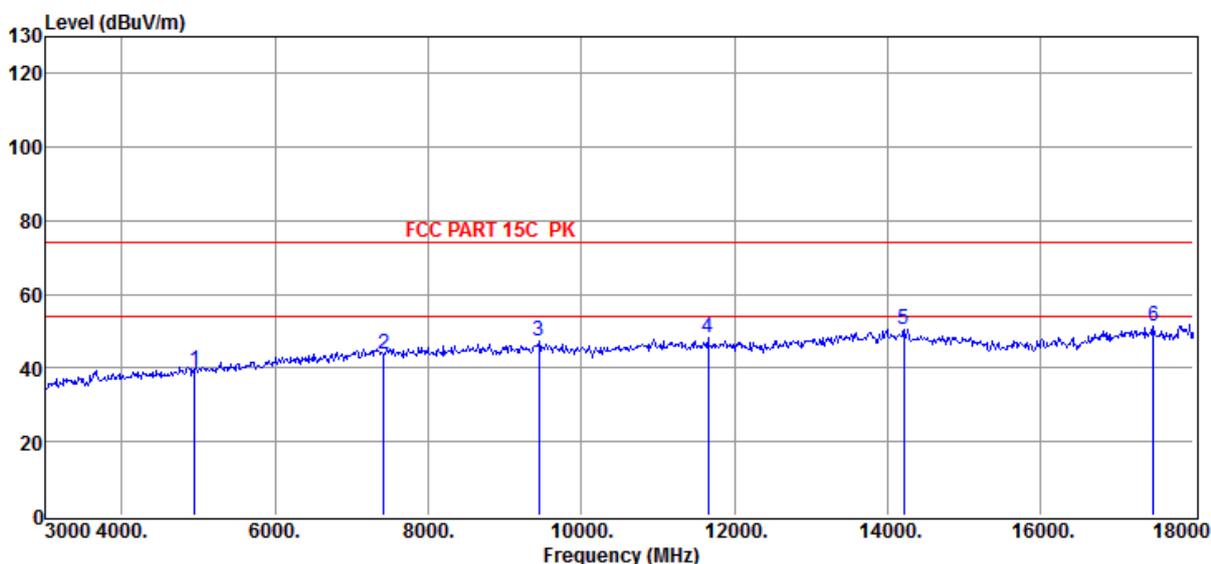
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2472MHz

Data: 74



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

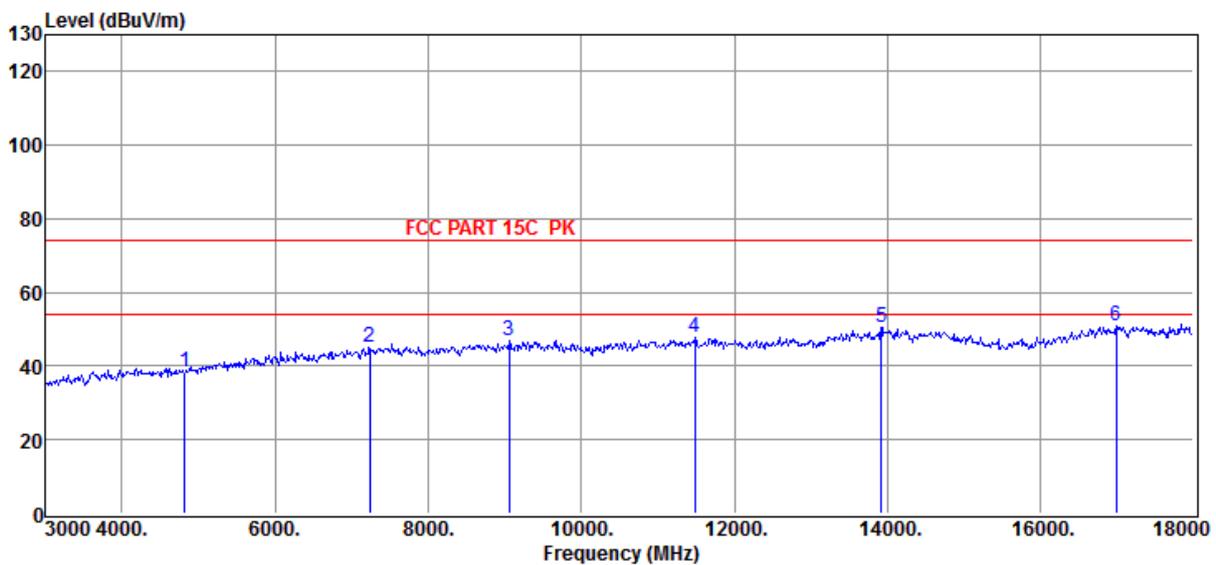
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2412MHz

Data: 65



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (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

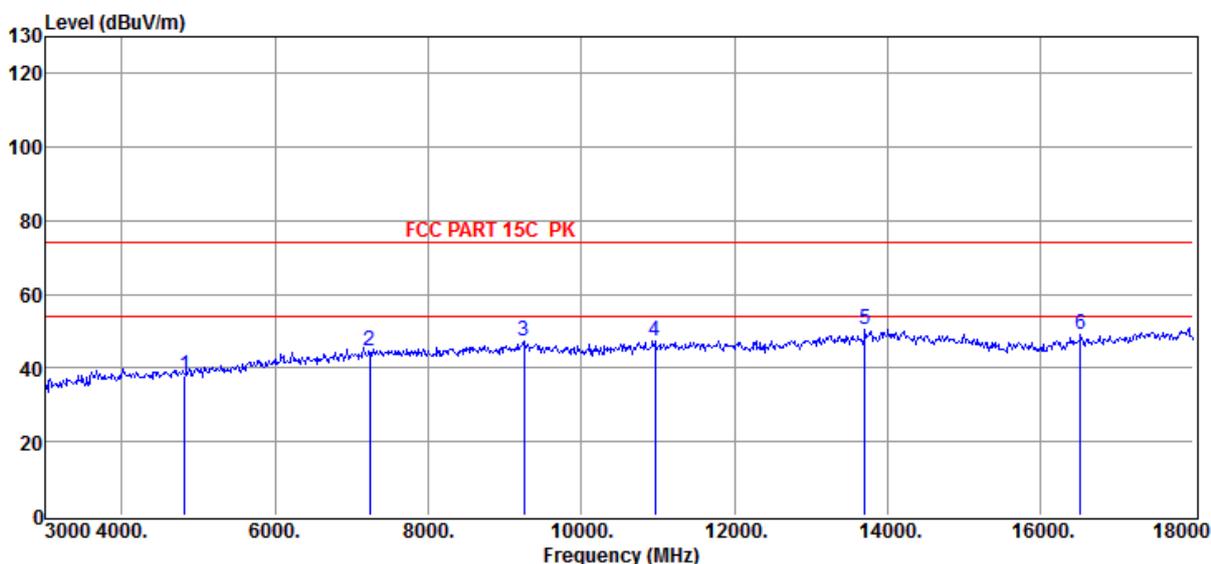
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2412MHz

Data: 66



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

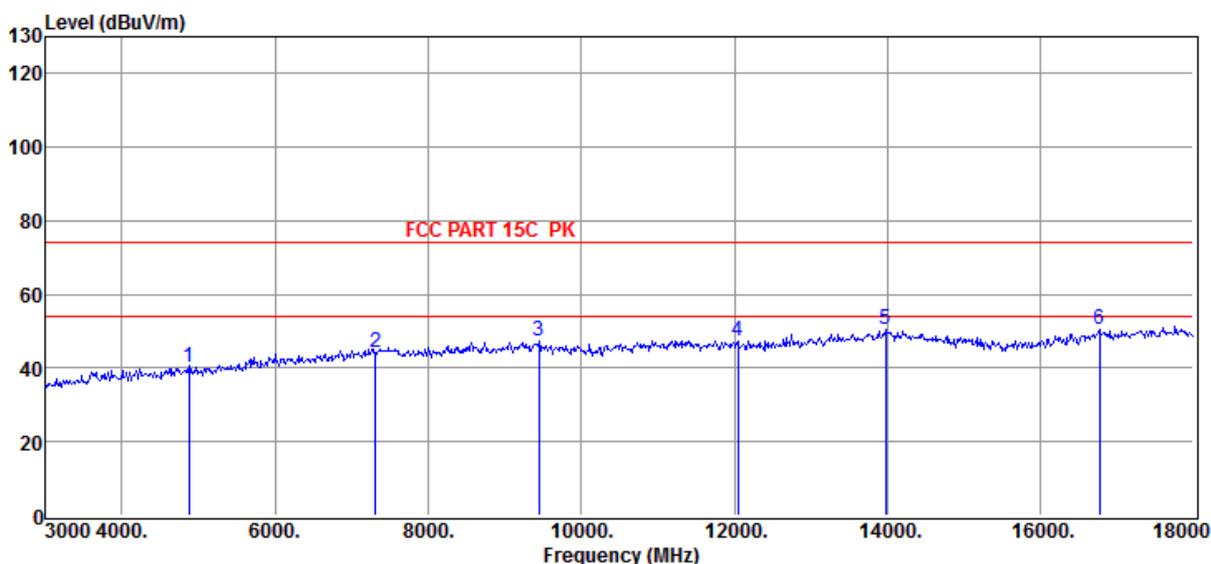
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2437MHz

Data: 63



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

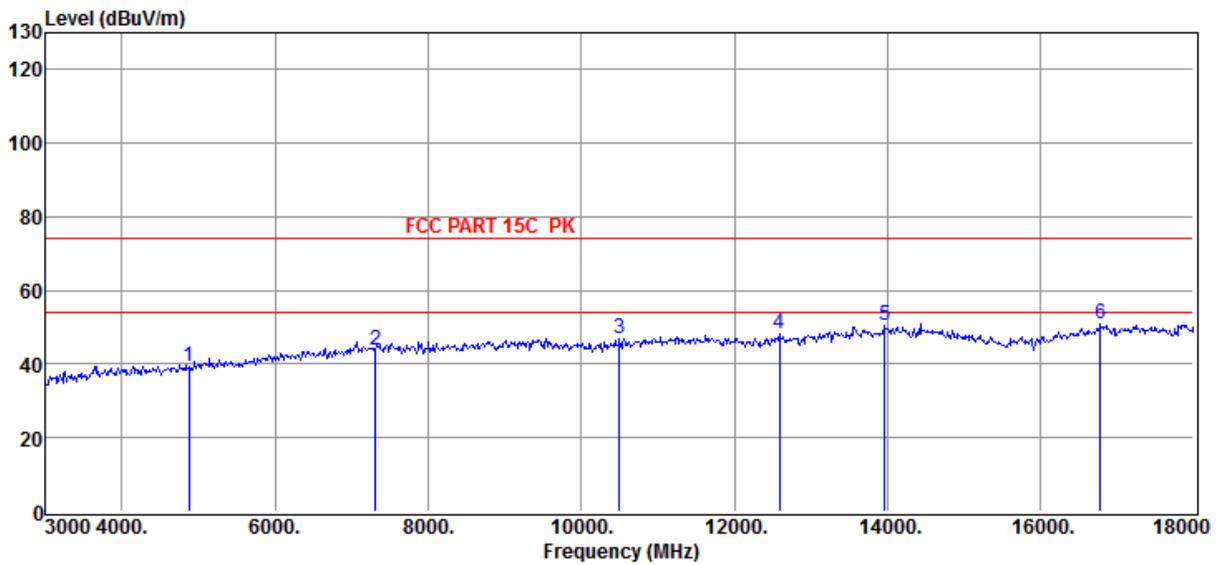
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2437MHz

Data: 64



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

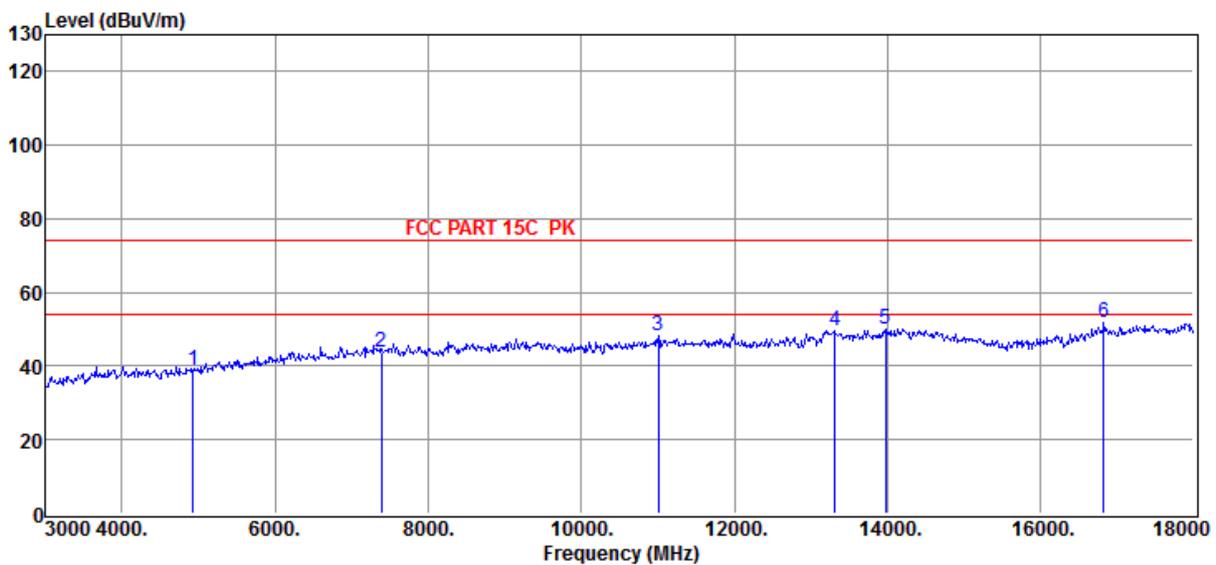
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2462MHz

Data: 61



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	38.76	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

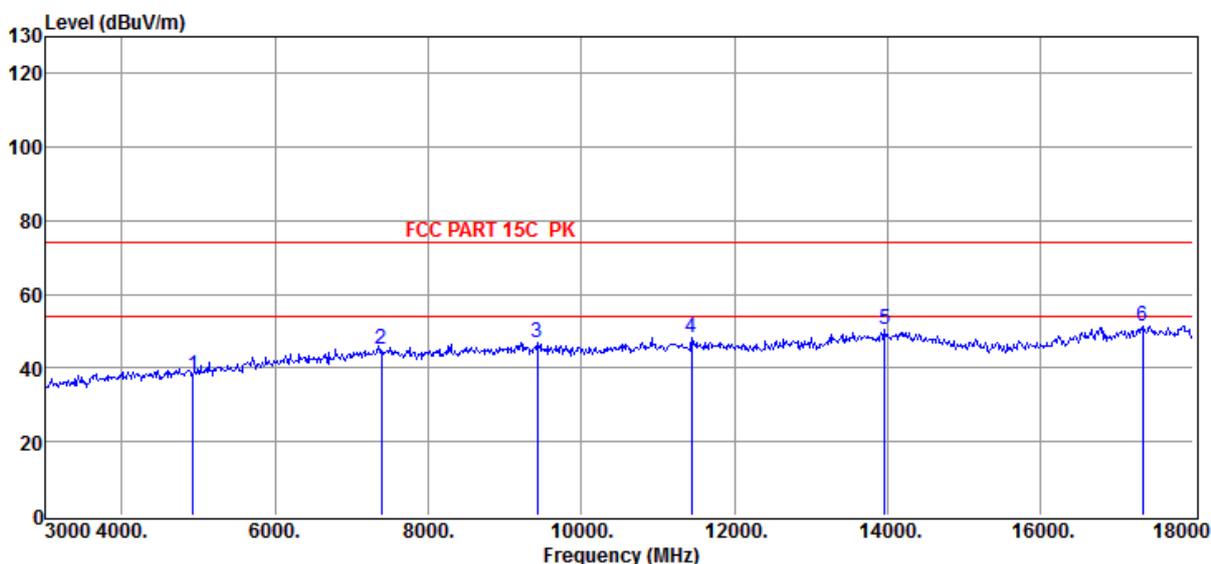
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2462MHz

Data: 62



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

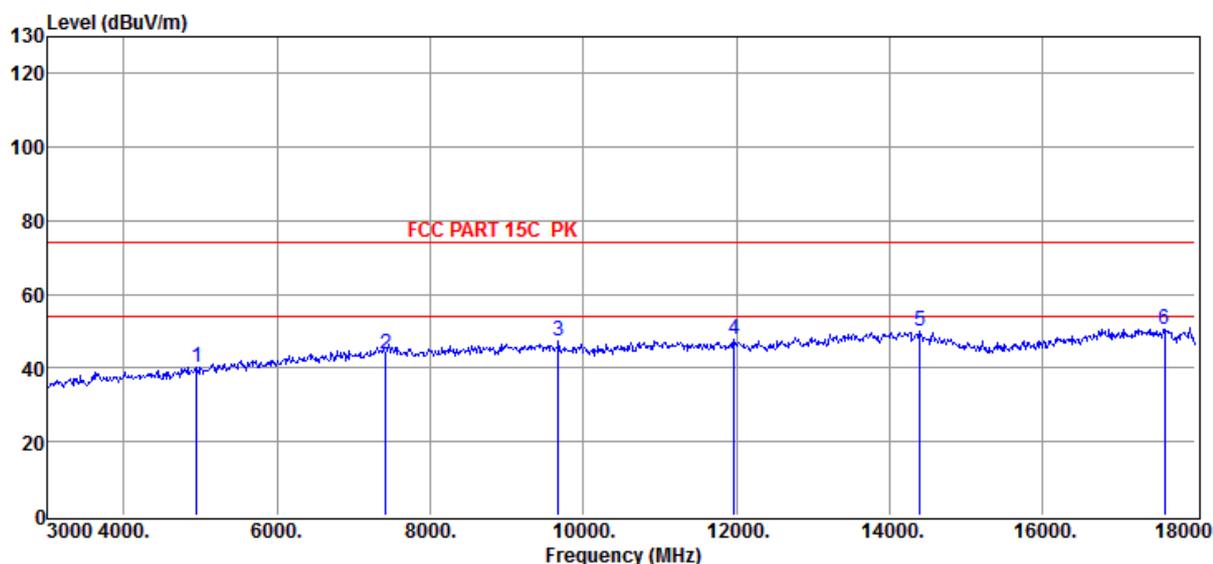
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2472MHz

Data: 59



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

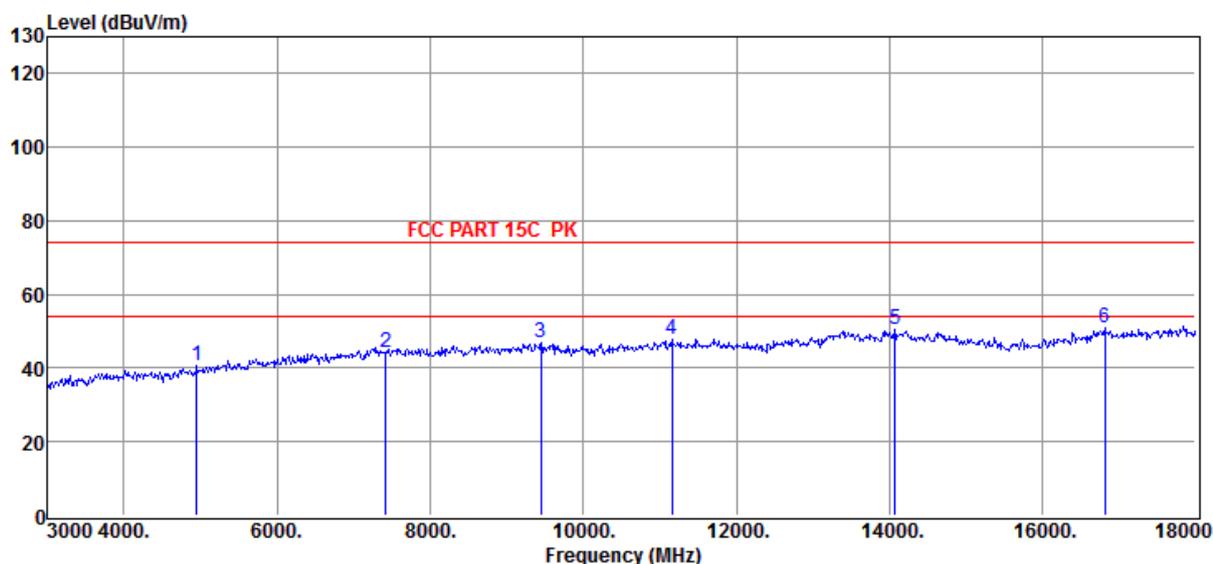
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2472MHz

Data: 60



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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.

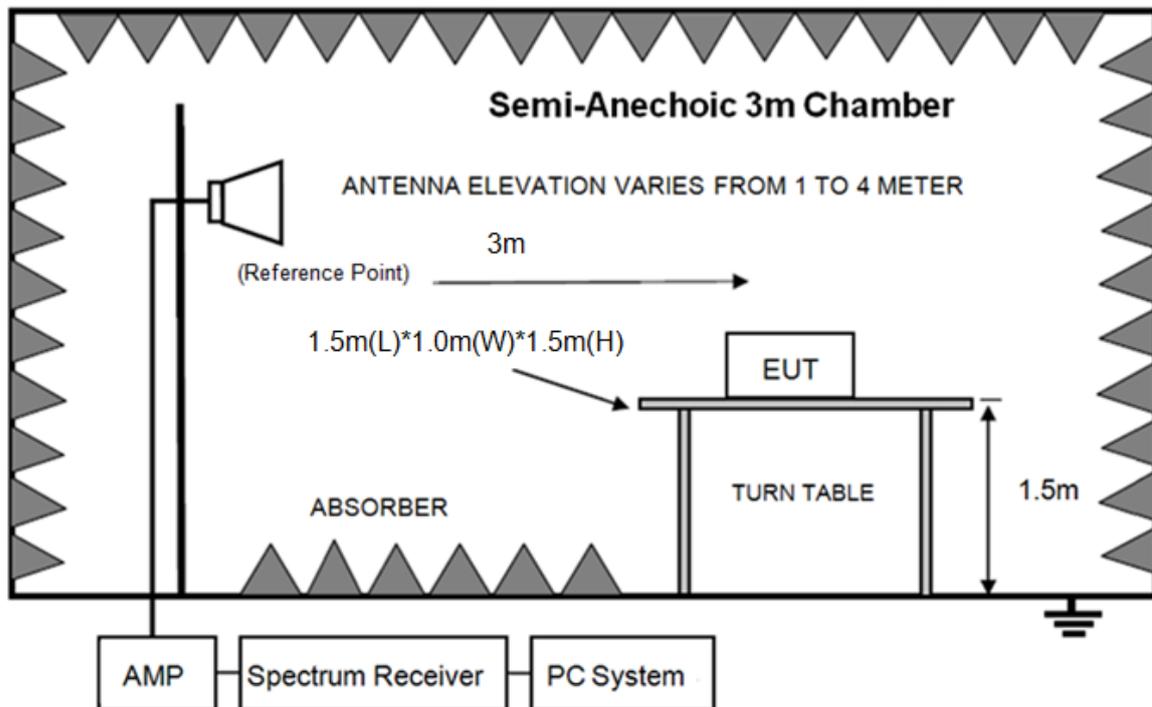
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

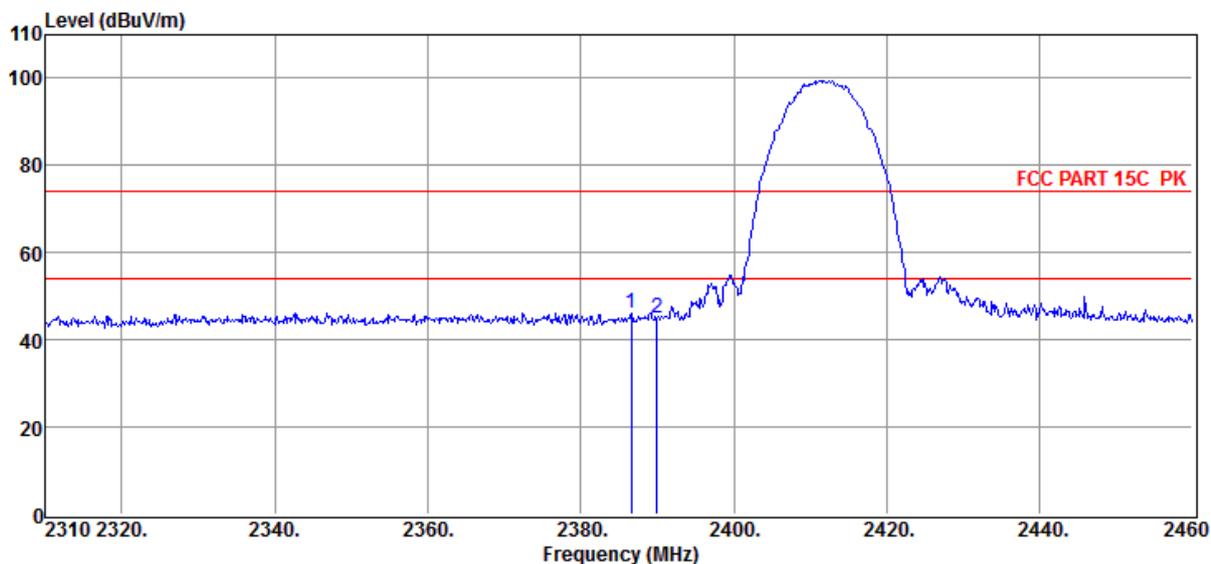
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2412MHz

Data: 41



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/ m)	Over Limit (dB)	Height (cm)	Angle (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

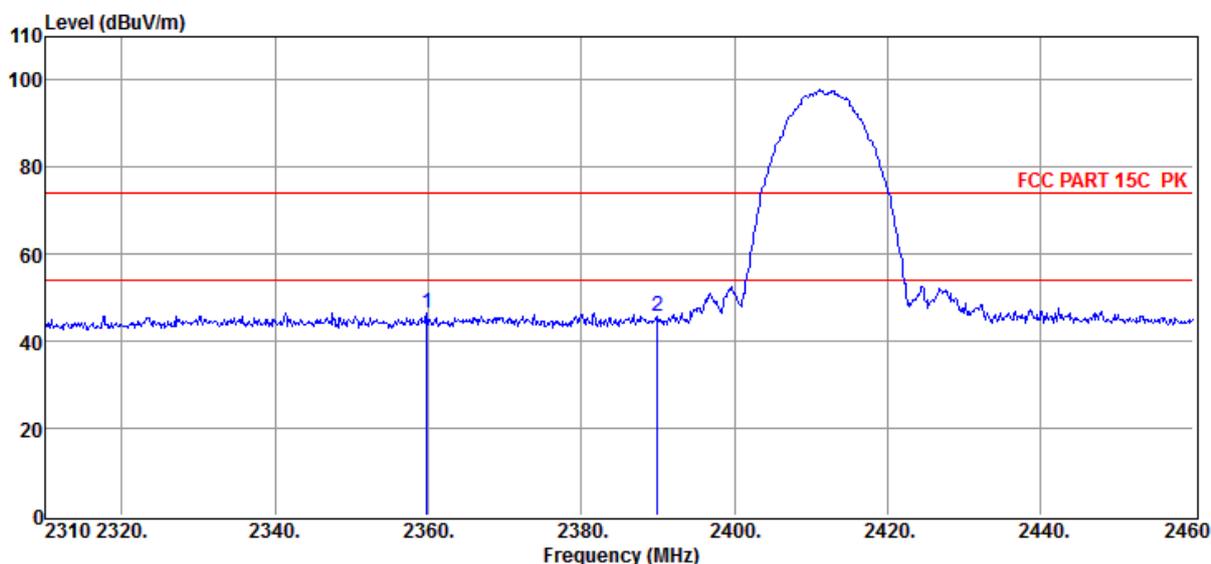
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2412 MHz

Data: 42



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

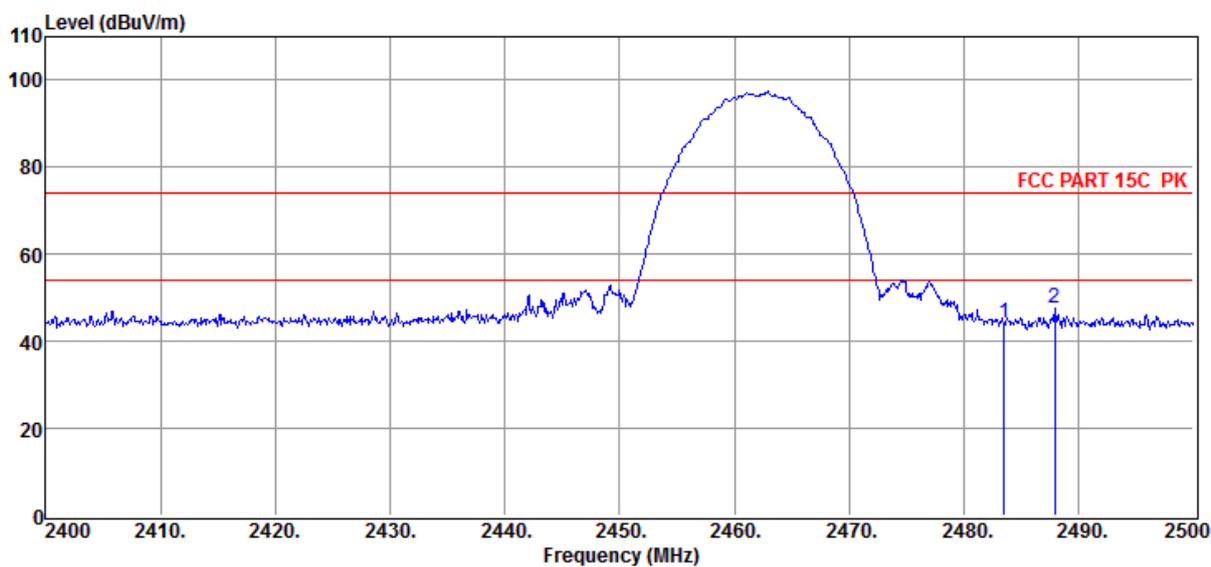
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2462 MHz

Data: 43



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

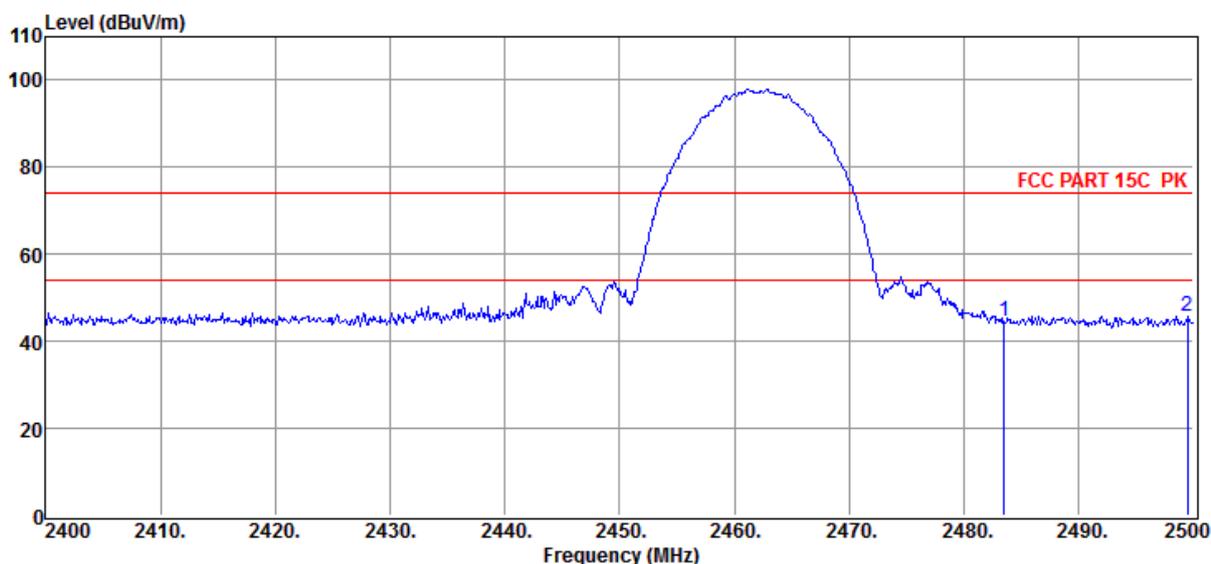
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2462 MHz

Data: 44



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

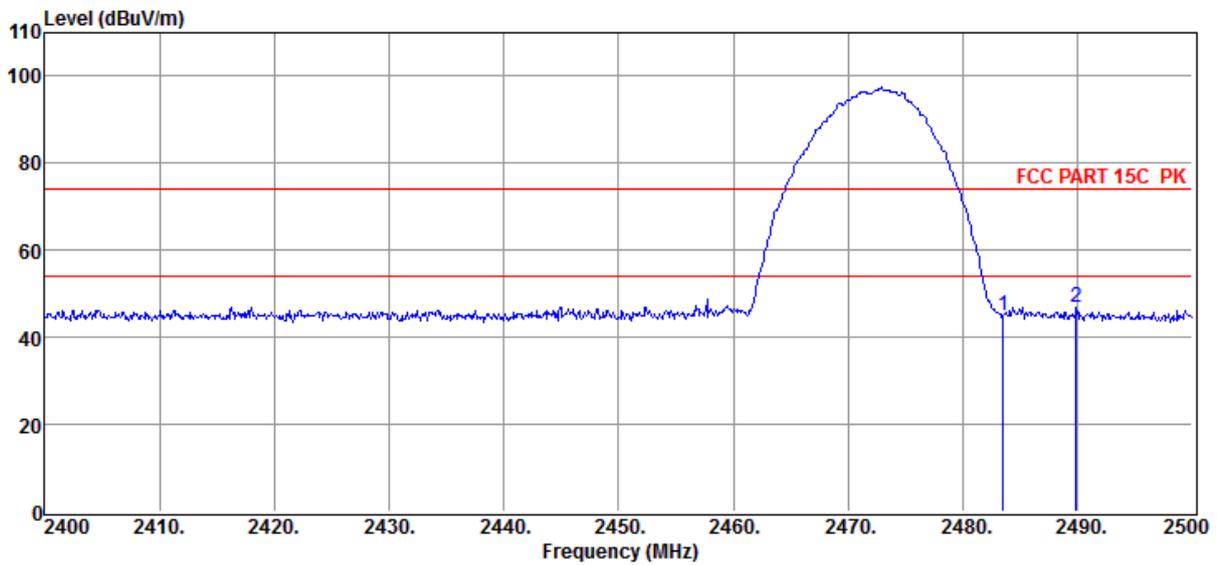
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2472 MHz

Data: 45



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/ m)	Over Limit (dB)	Height (cm)	Angle (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

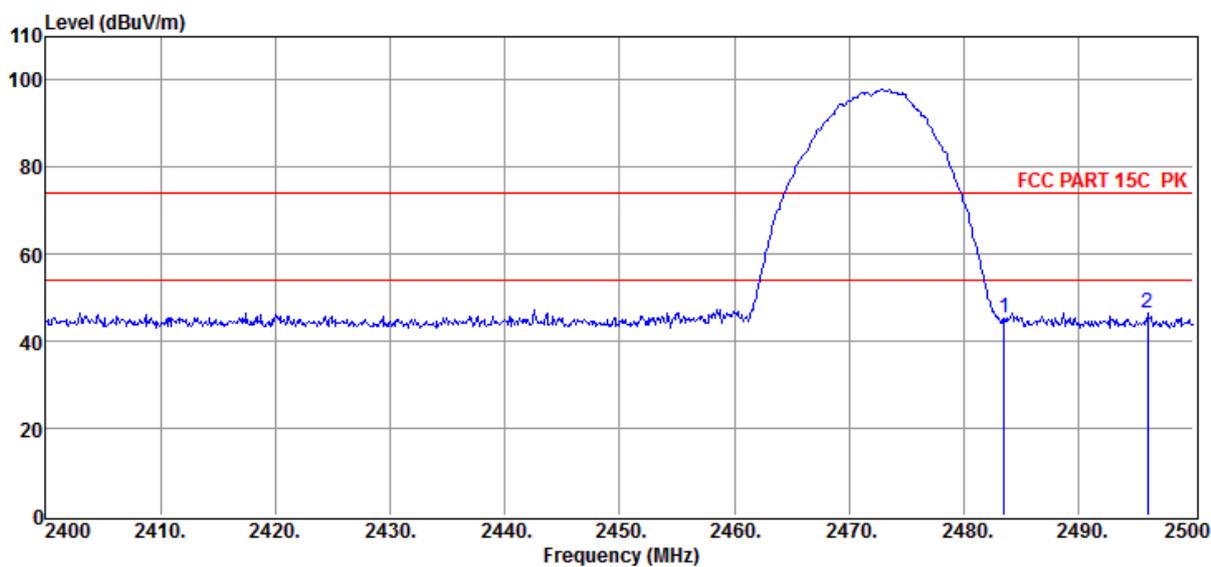
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11B 1M 2472 MHz

Data: 46



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

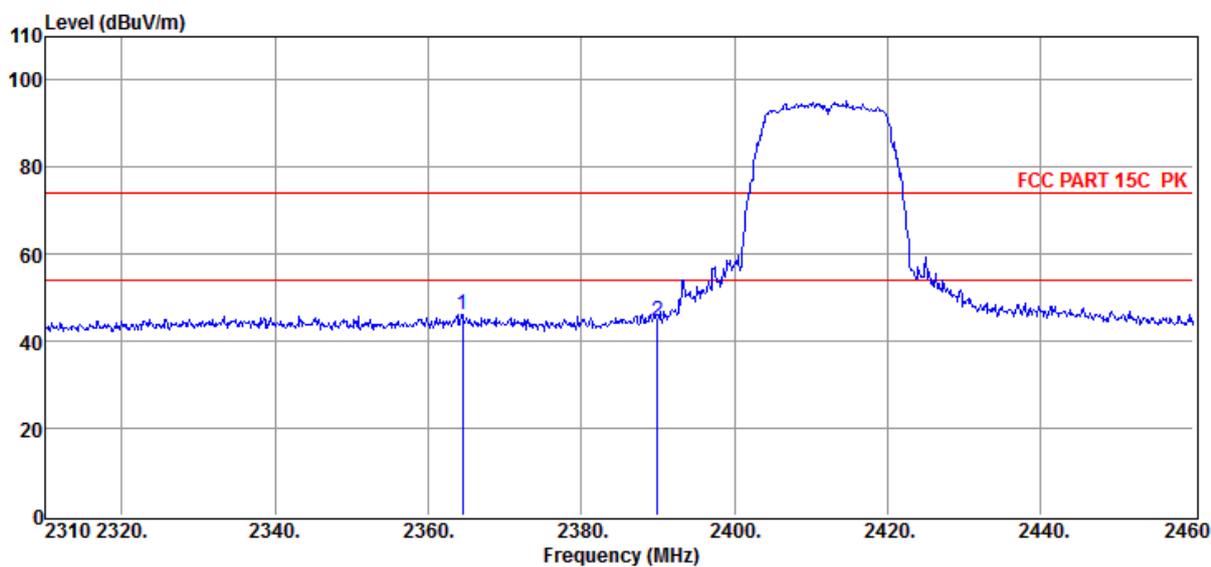
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2412 MHz

Data: 51



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

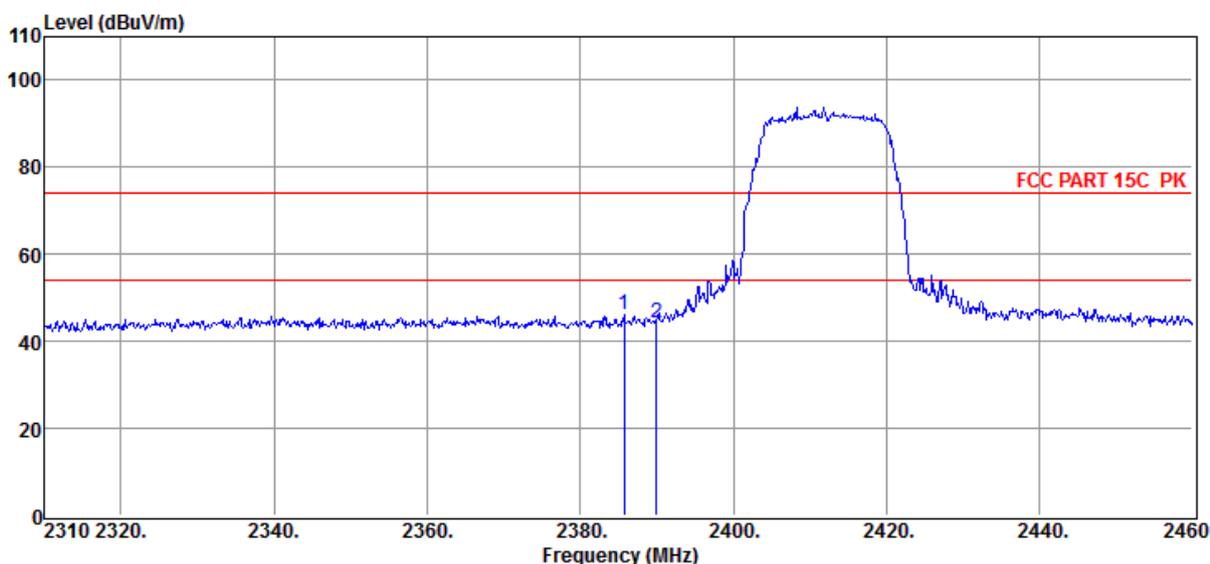
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2412 MHz

Data: 52



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

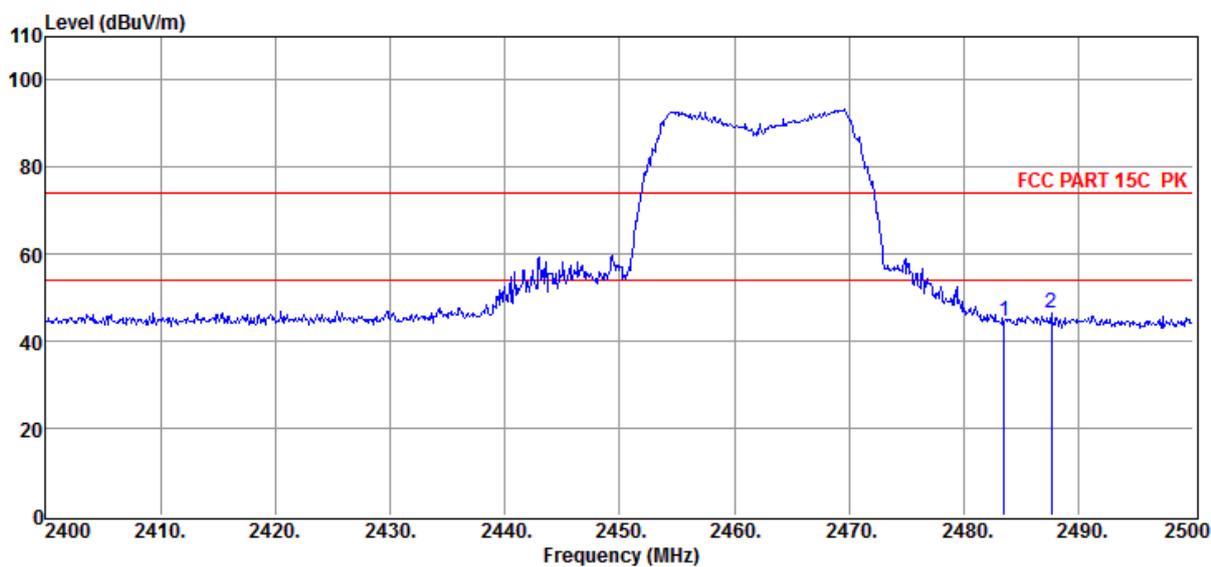
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2462 MHz

Data: 49



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

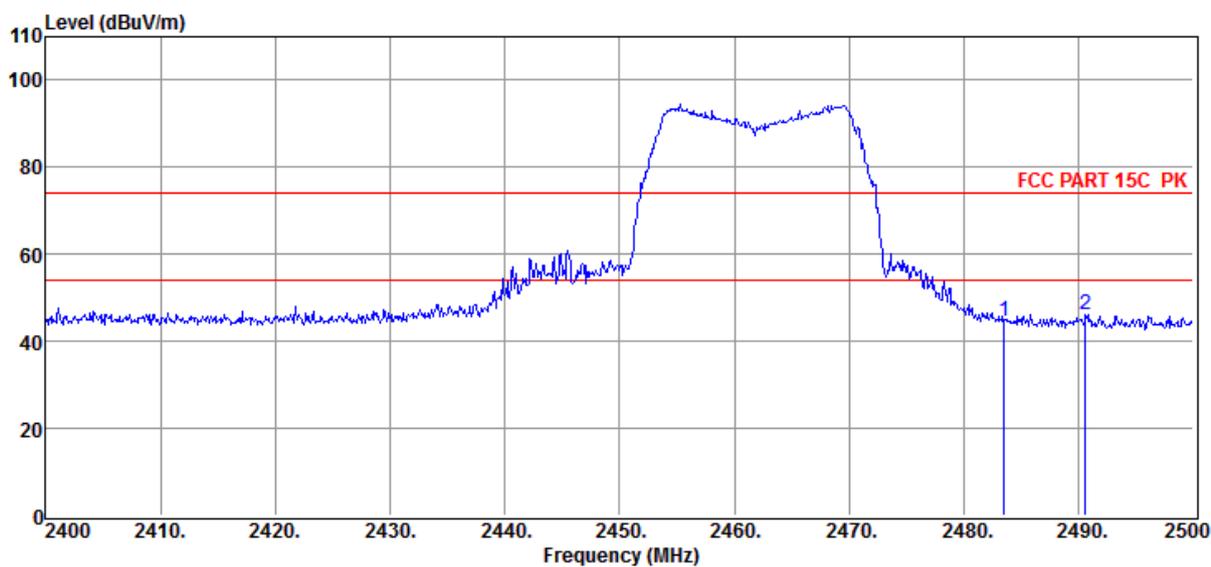
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2462 MHz

Data: 50



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

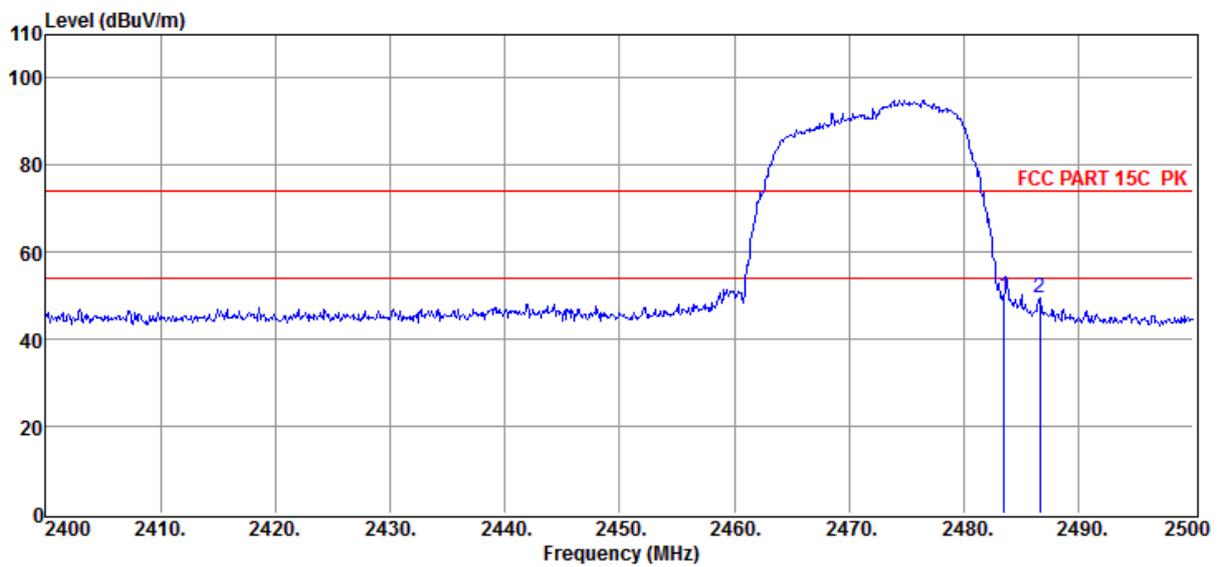
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2472 MHz

Data: 47



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

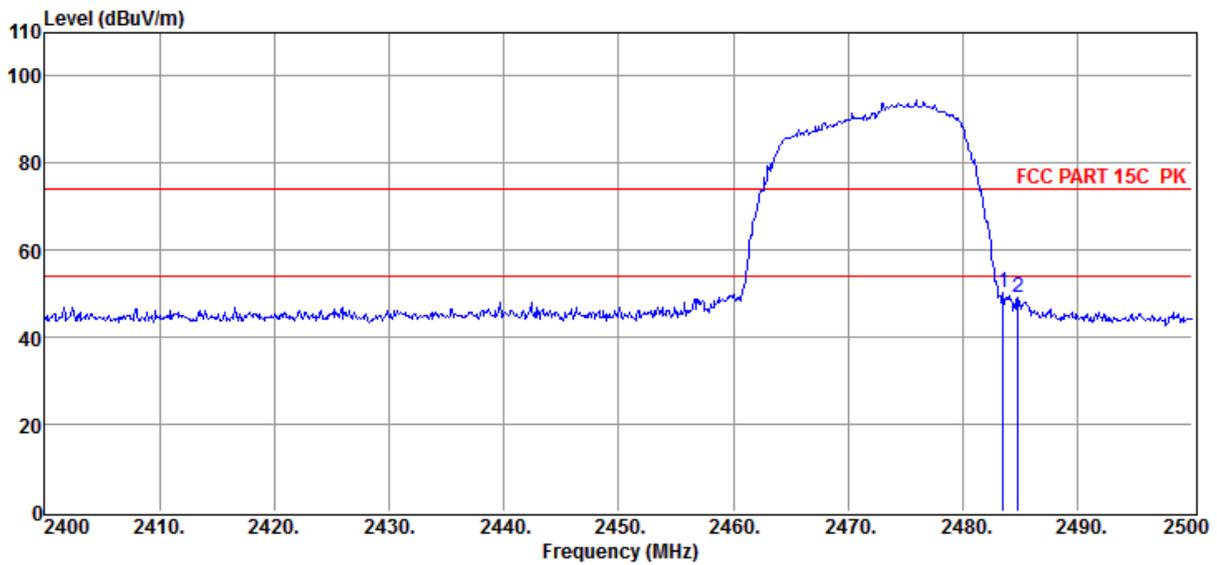
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11G 6M 2472 MHz

Data: 48



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dB μ V/m)	Limit Line (dB μ V/ m)	Over Limit (dB)	Height (cm)	Angle (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

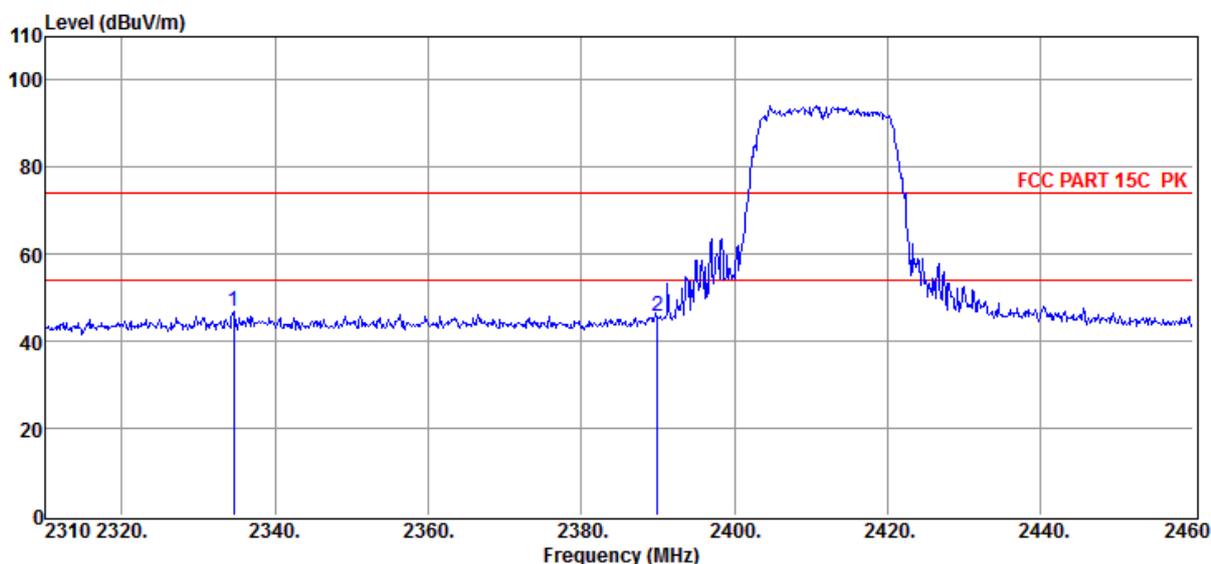
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2412 MHz

Data: 53



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

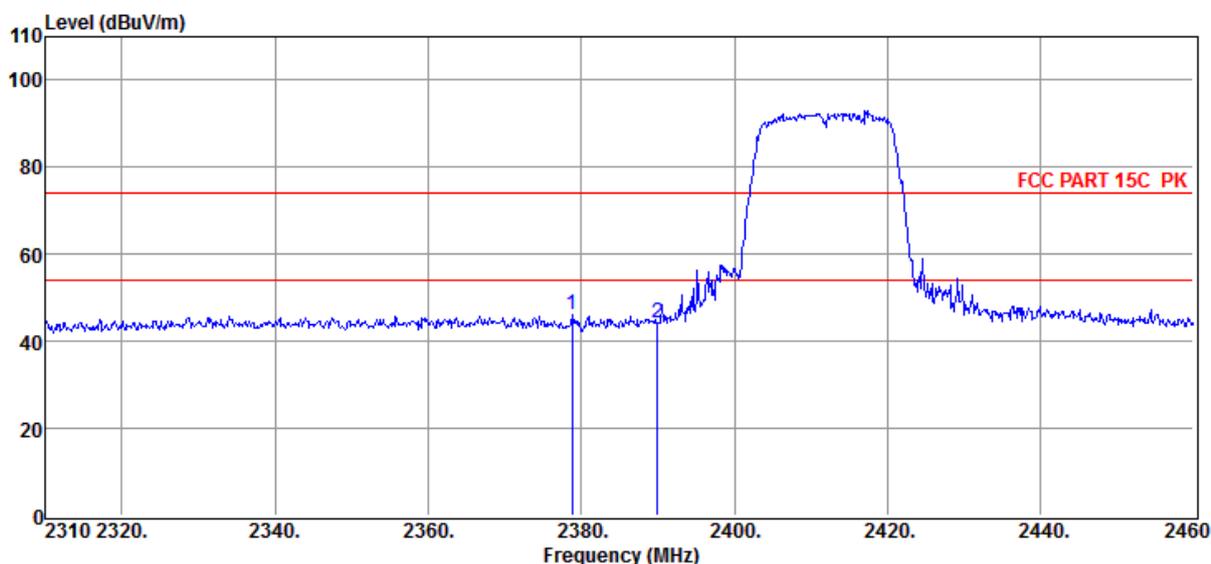
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2412 MHz

Data: 54



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

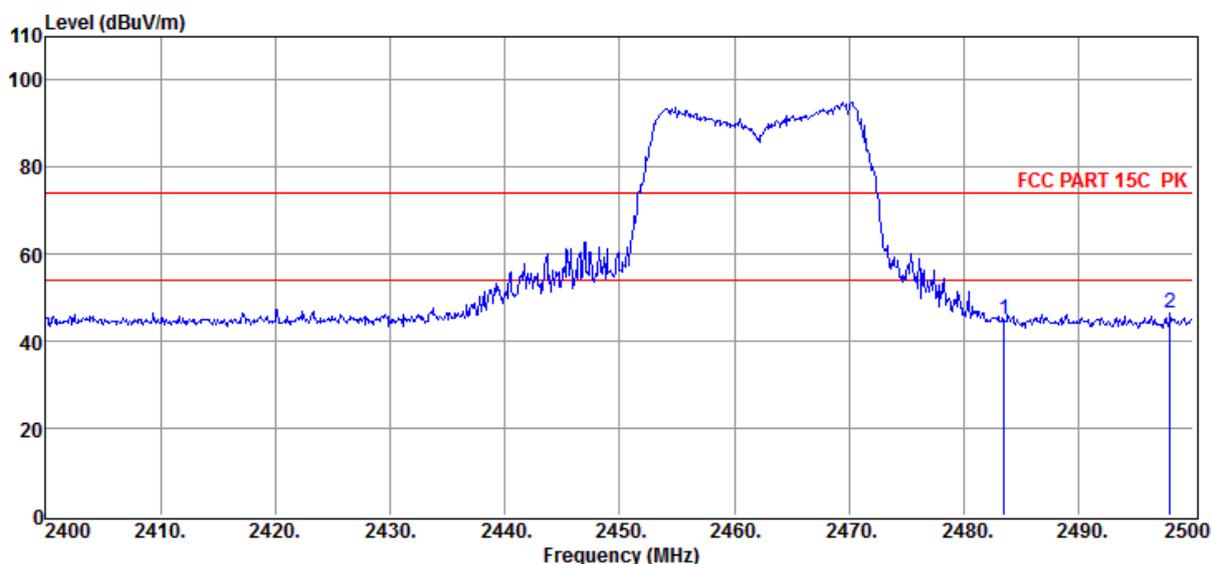
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2462 MHz

Data: 55



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

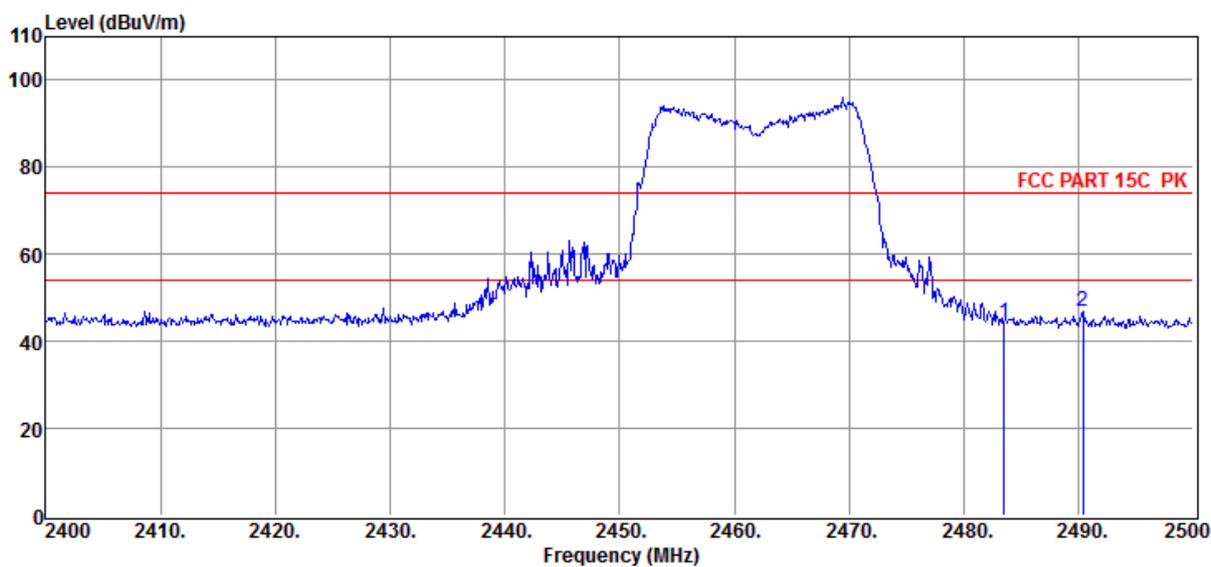
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2462 MHz

Data: 56



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

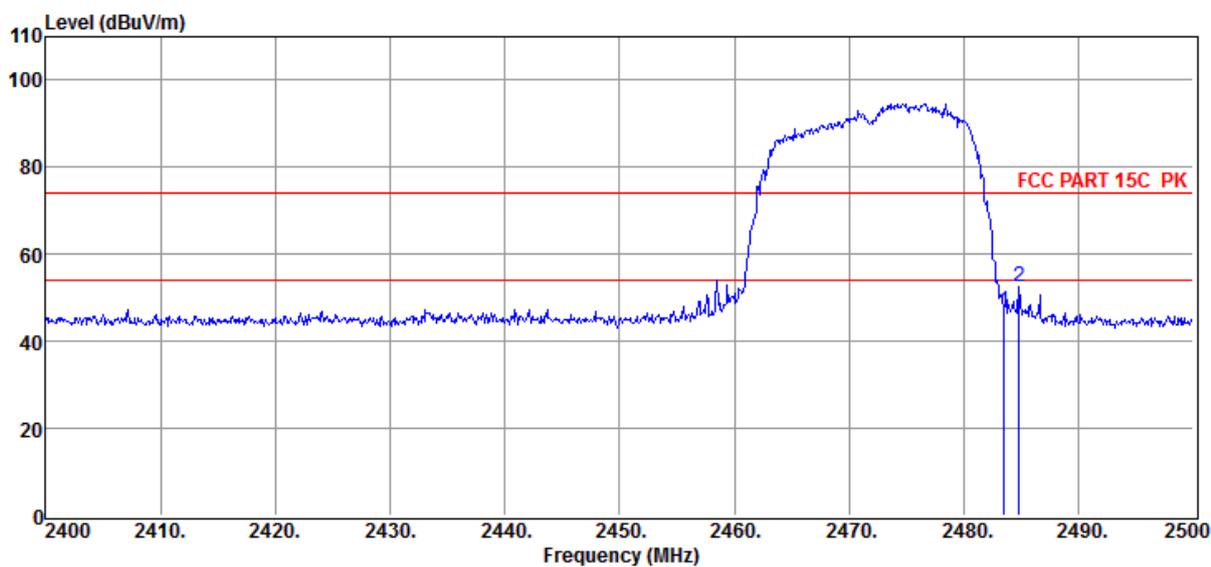
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2472 MHz

Data: 57



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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

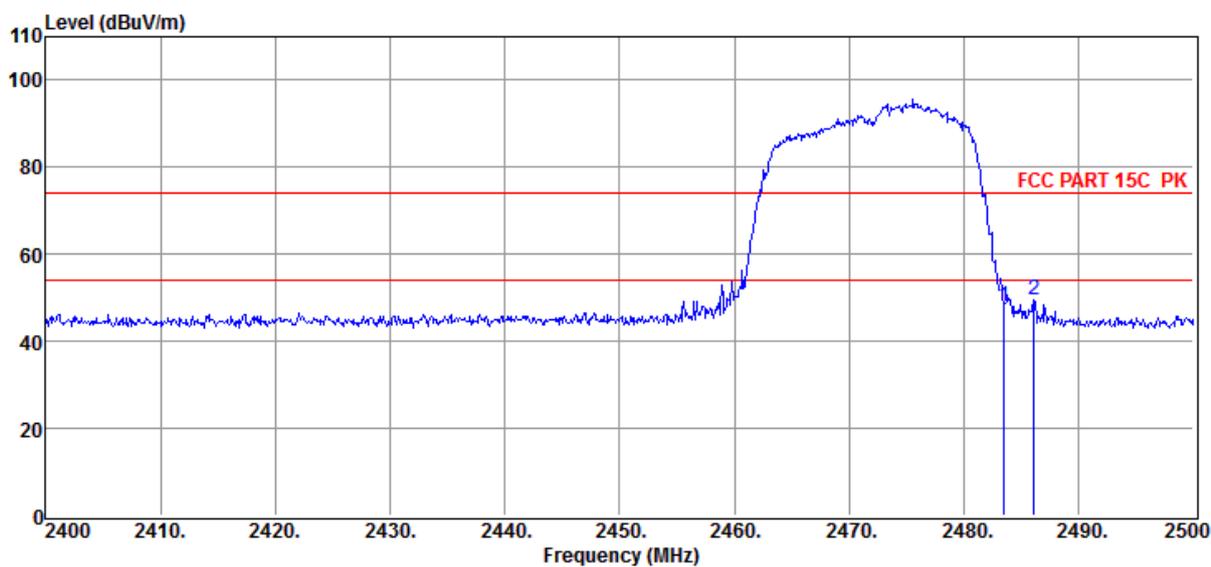
Model Number : LM-X430FMW, LM-X430HM

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11N20 MCS0 2472 MHz

Data: 58



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/ m)	Over Limit (dB)	Height (cm)	Angle (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