

## EMI TEST REPORT FCC CERTIFICATION

**Applicant:**

LG Electronics MobileComm U.S.A., Inc.  
1000 Sylvan Avenue, Englewood Cliffs NJ 07632

**Date of Receipt: March 14, 2017**

**Date of Issue: March 22, 2017**

**Test Report No. HCT-E-1703-F019**

**HCT FRN: 0005866421**

**FCC ID :**

**ZNFM250DSF**

**Rule Part(s) / Standard(s):** FCC CFR 47 PART 15 Subpart B Class B  
**FCC Classification:** JBP (Part 15 B – Class B Computing Device Peripheral)  
**EUT Type:** Portable Handset  
**Model Name:** LG-M250dsF  
**Additional Model Name:** LGM250dsF, M250dsF  
**Date of Test:** March 16, 2017 - March 19, 2017

The device bearing the trade name and model specified above, has been shown to comply with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4-2014. (See Test Report if any modifications were made for compliance)

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

HCT certifies that no party to application has been denied the FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C 862

**Tested By**



**Yeong-Moo Kim**  
Test Engineer  
EMC Team  
Certification Division

**Reviewed By**



**Jin-Pyo Hong**  
Technical Manager  
EMC Team  
Certification Division

This report only responds to the tested sample and may not be reproduced, except in full, without written approval of the HCT Co., Ltd.



## DOCUMENT HISTORY

The revision history for this document is shown in table.

Version	Date	Description
HCT-E-1703-F019	March 22, 2017	Initial Release



## TABLE OF CONTENTS

	PAGE
1. GENERAL INFORMATION .....	4
1.1 Description of EUT .....	4
1.2 Related Submittal(s) / Grant(s).....	5
1.3 Test Facility .....	5
1.4 Calibration of Measuring Instrument .....	5
1.5 Tested System Details.....	6
1.6 Cable Description .....	7
1.7 Noise Suppression Parts on Cable. (I/O Cable) .....	7
2. MEASUREMENT UNCERTAINTY .....	8
3. DESCRIPTION OF TEST .....	9
3.1 Measurement of Conducted Emission.....	9
3.2 Measurement of Radiated Measurements .....	10
4. PRELIMINARY TEST .....	12
4.1 Conducted Emission Test .....	12
4. 2 Radiated Emission Test .....	12
5. CONDUCTED AND RADIATED EMISSION TEST SUMMARY .....	13
5.1 Conducted Emission Test .....	13
5.2 Radiated Emission Test .....	20
6. LIST OF TEST EQUIPMENT .....	22
7. CONCLUSION .....	23

**ATTACHMENT:     TEST SETUP PHOTOGRAPHS**



## 1. GENERAL INFORMATION

### 1.1 Description of EUT

Its basic purpose is used for communications.

<b>FCC ID</b>	ZNFM250DSF
<b>Model</b>	LG-M250dsF
<b>Additional Model</b>	LGM250dsF, M250dsF
<b>EUT Type</b>	Portable Handset
<b>TX Frequency</b>	824.20 MHz to 848.80 MHz (GSM 850) 1 850.20 MHz to 1 909.80 MHz (GSM 1 900) 1 852.4 MHz to 1 907.6 MHz (WCDMA B2) 826.40 MHz to 846.60 MHz (WCDMA B5) 2 496 MHz to 2 570 MHz (LTE B7) 2 402 MHz to 2 480 MHz (Bluetooth) 2 412 MHz to 2 462 MHz (WiFi 2.4 GHz)
<b>RX Frequency</b>	869.2 MHz to 893.8 MHz (GSM 850) 1 930.2 MHz to 1 989.8 MHz (GSM 1 900) 1 932.4 MHz to 1 987.6 MHz (WCDMA B2) 871.40 MHz to 891.60 MHz (WCDMA B5) 2 516 MHz to 2 690 MHz (LTE B7) 2 402 MHz to 2 480 MHz (Bluetooth) 2 412 MHz to 2 462 MHz (WiFi 2.4 GHz)



## 1.2 Related Submittal(s) / Grant(s)

Original submittal only.

## 1.3 Test Facility

Test site is located at 74, SEOICHEON-RO, 578BEON-GIL, MAJANG-MYEON, ICHEON-SI, GYEONGGI-DO, SOUTH KOREA. Those measurement facilities are constructed in conformance with the requirements of ANSI C63.4-2014.

Measurement Facilities	Registration Number
Radiated Field strength measurement facility (3 m)	90661 (July 07, 2015)
Radiated Field strength measurement facility (10 m)	

## 1.4 Calibration of Measuring Instrument

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturers recommendations for utilizing calibration equipments, which is traceable to recognized national standards. Especially, all antenna for measurement is calibrated in accordance with the requirements of C63.5 (Version : 2006).



## 1.5 Tested System Details

All equipment descriptions used in the tested system (including inserted cards) are:

Device Type	Model Name	Manufacturer	FCC ID / DoC	Connected To
EUT	LG-M250dsF	LG	ZNFM250DSF	Notebook PC, Earphone
USB Cable	EAD62377921	LEAGTECH	-	EUT, Notebook PC
Earphone	EAB64468401	CRESYN	-	EUT
Notebook PC	ProBook6560b	HP	DoC	Gateway , Notebook PC adaptor, RJ45 cable, Serial mouse
Notebook PC adaptor	Series PPP009L-E	LITE-On Technology	-	Notebook PC
Gateway	TL-WR747N	TP-LINK	-	RJ45 cable, Gateway adaptor
Gateway adaptor	T120150-2H1	TP-LINK	-	Gateway
Serial mouse	Serial 2 button mouse	Radio shack	FSUGMZE3	Notebook PC
RJ45 cable	-	-	-	Notebook PC, Gateway
Micro SD card	256 GB EVO+UHS-1 MicroSDXC U1	SAMSUNG	-	EUT



## 1.6 Cable Description

Product Name	Port	Power Cord Shielded (Y/N)	I/O Cable Shielded (Y/N)	Length (m)
EUT	Micro USB	Y	Y	(P,D)1.0 (P,D)1.2
	Earphone	N/A	Y	(D)1.2
Notebook PC	RJ 45	N/A	N	(D)1.6
	Serial (Mouse)	N/A	Y	(D)1.8
	DC in	N	N/A	(P)1.8
Gateway	DC in	N	N/A	(P)1.8

\* The marked “(D)” means the data cable and “(P)” means the power cable.

## 1.7 Noise Suppression Parts on Cable. (I/O Cable)

Product Name	Port	Ferrite Bead (Y/N)	Location	Metal Hood (Y/N)	Location
EUT	Micro USB	N	N/A	Y	Both End
	Earphone	N	N/A	Y	Both End
Notebook PC	RJ 45	N	N/A	N	N/A
	Serial (Mouse)	N	N/A	Y	Notebook PC End



## 2. MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.4-2014.

All measurement uncertainty values are shown with a coverage factor of  $k = 2$  to indicate a 95 % level of confidence. The measurement data shown herein meets or exceeds the  $U_{\text{CISPR}}$  measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Parameter	Expanded Uncertainty (dB)
Conducted Emission (0.158 MHz to 30 MHz)	$\pm 1.82$ dB ( $k = 2$ )
Radiated Emissions (30 MHz to 1 GHz)	$\pm 5.06$ dB ( $k = 2$ )
Radiated Emissions (1 GHz to 6 GHz)	$\pm 5.0$ dB ( $k = 2$ )
Radiated Emissions (6 GHz to 18 GHz)	$\pm 5.4$ dB ( $k = 2$ )



### 3. DESCRIPTION OF TEST

#### 3.1 Measurement of Conducted Emission

The test procedure was in accordance with ANSI C63.4-2014, Clause 7.3

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN).  
If the EUT is connected to the PC through USB, the AC power-line adapter of the PC is directly connected to a line impedance stabilization network (LISN).  
Other support units were connected to the power mains through another LISN. The two LISNs provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both conducted lines are measured in Quasi-Peak and Average mode, including the worst-case data points for each tested configuration.
- c. The frequency range from 150 kHz to 30 MHz was searched.

#### [ Conducted Emission Limits ]

Frequency (MHz)	Resolution Bandwidth (kHz)	Quasi-Peak (dB(μV))	Average (dB(μV))
0.15 to 0.5	9	66 to 56*	56 to 46*
0.5 to 5	9	56	46
5 to 30	9	60	50

*\*Decreases with the logarithm of the frequency.*



### 3.2 Measurement of Radiated Emission

The test procedure was in accordance with ANSI C63.4-2014, Clause 8.3

- a. The EUT was placed on the top of a turn table 0.8 meters above the ground at a semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 m away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from 1 m to 4 m above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 m to 4 m and the turn table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to Peak and Average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- g. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.(1 GHz to 40 GHz)

#### [ Radiated Emission Limits ]

Frequency (MHz)	Antenna Distance (m)	Field Strength ( $\mu\text{V}/\text{m}$ )	Quasi-Peak ( $\text{dB}(\mu\text{V})/\text{m}$ )
30 to 88	3	100	40.0
88 to 216	3	150	43.5
216 to 960	3	200	46.0
Above 960	3	500	54.0
Frequency (MHz)	Antenna Distance (m)	Peak ( $\text{dB}(\mu\text{V})/\text{m}$ )	Average ( $\text{dB}(\mu\text{V})/\text{m}$ )
Above 1 000	3	74	54

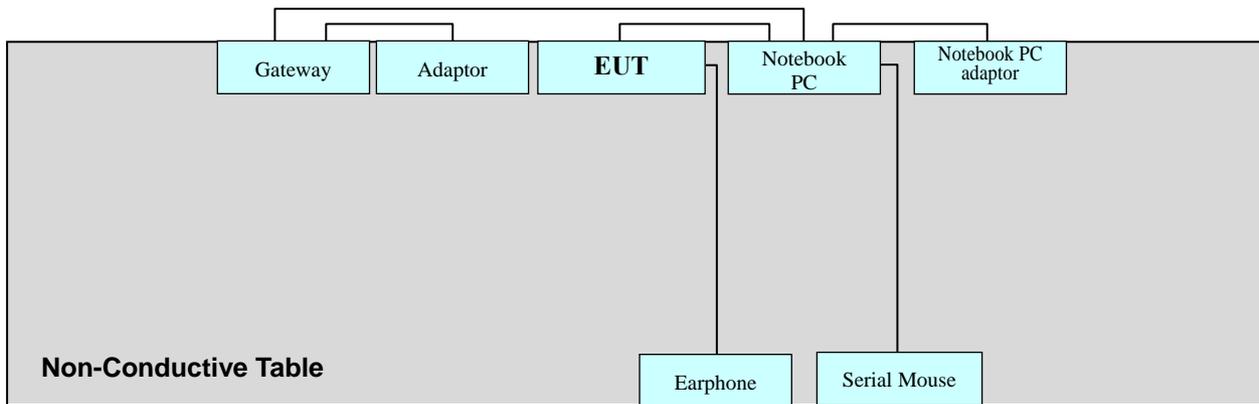


### 3.2.1 Frequency Range of Radiated Measurements

An unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a Radiated Emission limit is specified, up to the frequency shown in the following table

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 to 108	1 000
108 to 500	2 000
500 to 1 000	5 000
Above 1 000	5 <sup>th</sup> harmonic of the highest frequency or 40 GHz, whichever is lower

### 3.3 Configuration of Tested System



Power Line: 120 VAC, 60 Hz



## 4. PRELIMINARY TEST

### 4.1 Conducted Emission Test

It was tested Data Communication mode, after connecting all peripheral devices.

**Operation Mode:**       Data Communication mode

### 4.2 Radiated Emission Test

It was tested Data Communication mode, after connecting all peripheral devices.

**Operation Mode:**       Data Communication mode



## 5. CONDUCTED AND RADIATED EMISSION TEST SUMMARY

### 5.1 Conducted Emission Test

The test results of conducted emission at mains ports provide the following information:

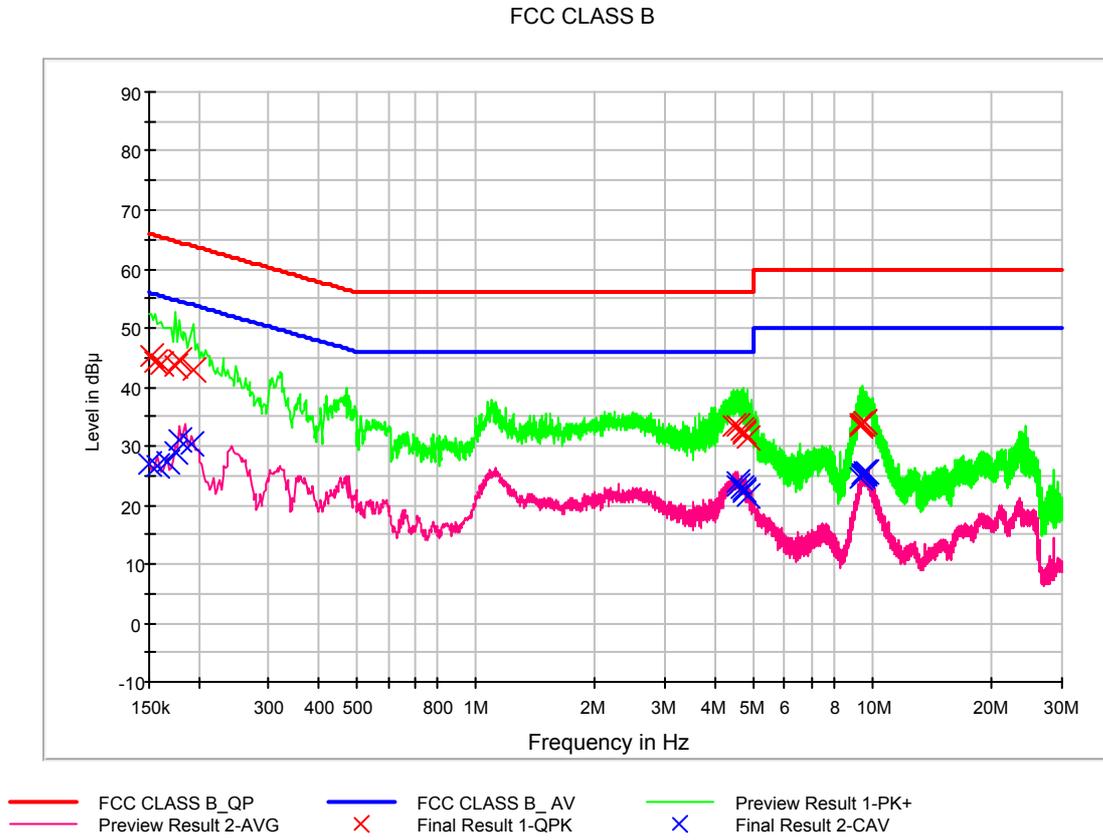
<b>Rule Part / Standard</b>	FCC PART 15 Subpart B Class B
<b>Detector</b>	Quasi-Peak, CISPR-Average
<b>Bandwidth</b>	9 kHz (6 dB)
<b>Operation Mode</b>	Data Communication mode
<b>Kind of Test Site</b>	Shielded Room
<b>Temperature</b>	23.0 °C
<b>Relative Humidity</b>	35.2 %
<b>Test Date</b>	March 16, 2017

#### *- Calculation Formula:*

1. Conductor L1 = Hot, Conductor N = Neutral
2. Corr. = LISN Factor + Cable Loss
3. QuasiPeak or CAverage= Receiver Reading + Corr.
4. Margin = Limit – QuasiPeak or CAverage



Figure 1: Spectral Diagrams, Conducted Emission, AC Main Port, Line (L1)





## QuasiPeak Final Result, Line (L1)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.152000	45.1	9.000	L1	9.6	20.8	65.9
0.156000	44.3	9.000	L1	9.6	21.4	65.7
0.160000	43.8	9.000	L1	9.6	21.7	65.5
0.174000	43.5	9.000	L1	9.6	21.2	64.8
0.178000	44.5	9.000	L1	9.6	20.1	64.6
0.194000	42.7	9.000	L1	9.6	21.1	63.9
4.456000	33.3	9.000	L1	9.9	22.7	56.0
4.586000	33.5	9.000	L1	9.9	22.5	56.0
4.672000	32.5	9.000	L1	9.9	23.5	56.0
4.736000	32.1	9.000	L1	9.9	23.9	56.0
4.750000	32.3	9.000	L1	9.9	23.7	56.0
4.850000	31.4	9.000	L1	9.9	24.6	56.0
9.340000	33.2	9.000	L1	10.1	26.8	60.0
9.360000	33.6	9.000	L1	10.1	26.4	60.0
9.428000	33.9	9.000	L1	10.1	26.2	60.0
9.454000	33.9	9.000	L1	10.1	26.1	60.0
9.580000	34.1	9.000	L1	10.1	25.9	60.0
9.586000	33.9	9.000	L1	10.1	26.1	60.0

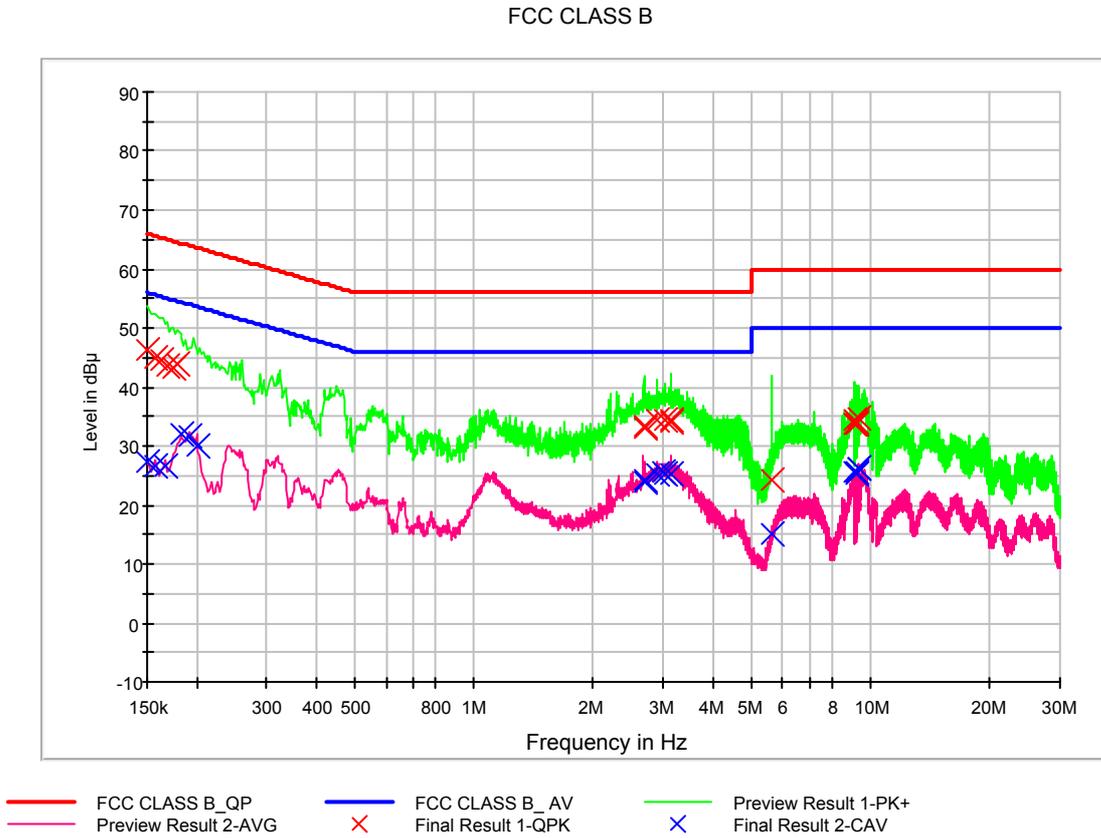


## CAverage Final Result, Line (L1)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	26.9	9.000	L1	9.6	29.1	56.0
0.158000	26.7	9.000	L1	9.6	28.9	55.6
0.166000	27.3	9.000	L1	9.6	27.8	55.2
0.174000	29.0	9.000	L1	9.6	25.8	54.8
0.178000	31.0	9.000	L1	9.6	23.6	54.6
0.192000	30.3	9.000	L1	9.6	23.7	53.9
4.538000	23.1	9.000	L1	9.9	22.9	46.0
4.586000	23.8	9.000	L1	9.9	22.2	46.0
4.692000	22.8	9.000	L1	9.9	23.2	46.0
4.736000	22.3	9.000	L1	9.9	23.7	46.0
4.750000	22.4	9.000	L1	9.9	23.6	46.0
4.850000	21.4	9.000	L1	9.9	24.6	46.0
9.338000	24.5	9.000	L1	10.1	25.5	50.0
9.394000	25.0	9.000	L1	10.1	25.0	50.0
9.430000	25.3	9.000	L1	10.1	24.7	50.0
9.490000	25.4	9.000	L1	10.1	24.6	50.0
9.566000	25.7	9.000	L1	10.1	24.3	50.0
9.638000	25.6	9.000	L1	10.1	24.4	50.0



Figure 2: Spectral Diagrams, Conducted Emission, AC Main Port, Line (N)





## QuasiPeak Final Result, Line (N)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	46.3	9.000	N	9.6	19.7	66.0
0.158000	45.0	9.000	N	9.6	20.5	65.6
0.162000	44.6	9.000	N	9.6	20.8	65.4
0.168000	43.7	9.000	N	9.6	21.3	65.1
0.174000	43.3	9.000	N	9.6	21.5	64.8
0.178000	43.8	9.000	N	9.6	20.8	64.6
2.682000	33.0	9.000	N	9.8	23.0	56.0
2.698000	33.5	9.000	N	9.8	22.5	56.0
2.890000	34.3	9.000	N	9.8	21.7	56.0
3.026000	34.4	9.000	N	9.8	21.6	56.0
3.148000	34.1	9.000	N	9.8	21.9	56.0
3.154000	34.2	9.000	N	9.8	21.8	56.0
5.642000	24.2	9.000	N	9.9	35.8	60.0
9.120000	34.3	9.000	N	10.1	25.7	60.0
9.136000	33.7	9.000	N	10.1	26.3	60.0
9.174000	34.0	9.000	N	10.1	26.0	60.0
9.178000	33.8	9.000	N	10.1	26.2	60.0
9.358000	34.6	9.000	N	10.1	25.4	60.0



## CAverage Final Result, Line (N)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	27.2	9.000	N	9.6	28.8	56.0
0.158000	26.5	9.000	N	9.6	29.1	55.6
0.166000	26.7	9.000	N	9.6	28.5	55.2
0.182000	32.0	9.000	N	9.6	22.4	54.4
0.192000	31.7	9.000	N	9.6	22.2	53.9
0.200000	30.0	9.000	N	9.6	23.6	53.6
2.692000	24.1	9.000	N	9.8	21.9	46.0
2.698000	23.9	9.000	N	9.8	22.1	46.0
2.888000	25.3	9.000	N	9.8	20.7	46.0
3.006000	25.7	9.000	N	9.8	20.3	46.0
3.026000	25.3	9.000	N	9.8	20.7	46.0
3.148000	25.1	9.000	N	9.8	20.9	46.0
5.642000	15.1	9.000	N	9.9	34.9	50.0
9.136000	25.7	9.000	N	10.1	24.3	50.0
9.168000	25.3	9.000	N	10.1	24.7	50.0
9.190000	25.4	9.000	N	10.1	24.6	50.0
9.346000	26.2	9.000	N	10.1	23.8	50.0
9.358000	26.3	9.000	N	10.1	23.7	50.0



## 5.2 Radiated Emission Test

The test results of radiated emission provide the following information:

### -For Measurement Below 1 GHz

Rule Part / Standard	FCC PART 15 Subpart B Class B
Detector	Quasi-Peak
Bandwidth	120 kHz (6 dB)
Operation Mode	Data Communication mode
Kind of Test Site	3 m semi anechoic chamber
Temperature	23.0 °C
Relative Humidity	35.1 %
Test Date	March 19, 2017

Frequency (MHz)	Quasi Peak (dBuV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
30.378758	24.3	131.0	V	17.0	21.3	15.7	40.0
48.242485	25.1	142.0	V	91.0	22.9	14.9	40.0
83.729459	26.8	250.0	H	94.0	18.3	13.2	40.0
86.334669	25.4	292.0	H	88.0	17.9	14.6	40.0
265.637275	34.6	100.0	H	290.0	22.6	11.4	46.0
800.739479	41.5	100.0	H	233.0	34.0	4.5	46.0

### - Calculation Formula:

1. POL. H = Horizontal, POL. V = Vertical
2. QuasiPeak = Reading (Receiver Reading) + Corr.
3. Corr. (Correction Factor) = Antenna Factor + Cable Loss
4. Margin = Limit - QuasiPeak



## -For Measurement Above 1 GHz

<b>Rule Part / Standard</b>	FCC PART 15 Subpart B Class B
<b>Detector</b>	Peak mode: Peak (RBW: 1 MHz, VBW: 3 MHz) CISPR-Average mode: Peak (RBW: 1 MHz, VBW: 10 Hz)
<b>Highest Operating Frequency</b>	2 690 MHz
<b>Upper Frequency of Measurement Range</b>	1 GHz to 13.45 GHz
<b>Operation Mode</b>	Data Communication mode
<b>Kind of Test Site</b>	3 m semi anechoic chamber
<b>Temperature</b>	23.1 °C
<b>Relative Humidity</b>	34.7 %
<b>Test Date</b>	March 17, 2017

Frequency (MHz)	Peak (dB $\mu$ V/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V/m)
1399.749499	46.8	361.8	V	35.0	-12.8	27.2	74.0
1999.649299	48.4	100.0	V	213.0	-12.2	25.6	74.0
2094.238477	48.5	100.0	V	211.0	-11.7	25.5	74.0
2656.663327	47.8	100.0	V	173.0	-9.1	26.2	74.0
4498.647295	43.7	367.5	V	262.0	-5.6	30.3	74.0
5990.030060	43.3	150.1	V	275.0	-2.4	30.7	74.0

Frequency (MHz)	CAverage (dB $\mu$ V/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V/m)
1399.749499	43.9	361.8	V	35.0	-12.8	10.1	54.0
1999.649299	24.0	100.0	V	213.0	-12.2	30.0	54.0
2094.238477	24.3	100.0	V	211.0	-11.7	29.7	54.0
2656.663327	24.0	100.0	V	173.0	-9.1	30.0	54.0
4498.647295	27.8	367.5	V	262.0	-5.6	26.2	54.0
5990.030060	30.3	150.1	V	275.0	-2.4	23.7	54.0

### - Calculation Formula:

1. POL. H = Horizontal, POL. V = Vertical
2. Peak or CAverage = Reading (Receiver Reading) + Corr.
3. Corr. (Correction Factor) = Antenna Factor+ Cable Loss –Amplifier Gain
4. Margin = Limit - Peak or CAverage



## 6. LIST OF TEST EQUIPMENT

<u>Type</u>	<u>Manufacturer</u>	<u>Model Name</u>	<u>Serial Number</u>	<u>Calibration Cycle</u>	<u>CAL Date</u>
<b><u>Conducted Emission</u></b>					
<input checked="" type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESCI	100033	1 year	06.29.2016
<input checked="" type="checkbox"/> LISN	Rohde & Schwarz	ESH3-Z5	100282	1 year	06.09.2016
<input checked="" type="checkbox"/> LISN	Rohde & Schwarz	ENV216	100073	1 year	12.23.2016
<input checked="" type="checkbox"/> Software	Rohde & Schwarz	EMC32	-	-	-
<b><u>Radiated Emission</u></b>					
<b>-For measurement below 1 GHz</b>					
<input checked="" type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESI40	831564103	1 year	11.04.2016
<input type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESU40	100514	1 year	10.10.2016
<input checked="" type="checkbox"/> Trilog Antenna	Schwarzbeck	VULB9168	255	2 year	04.15.2015
<input checked="" type="checkbox"/> 6dB Attenuator	HP	8491A	24257	2 year	04.15.2015
<input checked="" type="checkbox"/> Antenna master	HD GmbH	MA240	240/520	N/A	-
<input checked="" type="checkbox"/> Antenna master controller	HD GmbH	HD 100	100/637	N/A	-
<input checked="" type="checkbox"/> Turn Table	EMCO	1060-2M	-	N/A	-
<input checked="" type="checkbox"/> Turn Table controller	EMCO	2090	9702-1224	N/A	-
<input type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESU 26	100241	1 year	05.27.2016
<input type="checkbox"/> Antenna master	INNCO Systems	MA4000-EP	MA4000/283	N/A	-
<input type="checkbox"/> Turn Table	INNCO Systems	DT3000-3T	DT3000/69	N/A	-
<input checked="" type="checkbox"/> Software	Rohde & Schwarz	EMC32	-	-	-
<b>-For measurement above 1 GHz</b>					
<input checked="" type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESI40	831564103	1 year	11.04.2016
<input type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESU40	100514	1 year	10.10.2016
<input type="checkbox"/> Antenna master	HD GmbH	MA240	240/520	N/A	-
<input type="checkbox"/> Antenna master controller	HD GmbH	HD 100	100/637	N/A	-
<input checked="" type="checkbox"/> Antenna master	INNCO Systems	MA4000-XP-ET	48709515	N/A	-
<input checked="" type="checkbox"/> Antenna master controller	INNCO Systems	CO 3000	CO 3000/870/ 35990515	N/A	-
<input checked="" type="checkbox"/> Turn Table	EMCO	1060-2M	-	N/A	-
<input checked="" type="checkbox"/> Turn Table controller	EMCO	2090	9702-1224	N/A	-
<input type="checkbox"/> Power Amplifier	CERNEX	CBLU1183540	21691	1 year	07.04.2016
<input checked="" type="checkbox"/> Power Amplifier	CERNEX	CBLU5183530	24348	1 year	06.07.2016
<input checked="" type="checkbox"/> Horn Antenna	Schwarzbeck	BBHA 9120D	296	2 year	10.12.2016
<input type="checkbox"/> Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170541	2 year	09.03.2015
<input type="checkbox"/> Power Amplifier	CERNEX	CBL18265035	21873	1 year	01.19.2017
<input type="checkbox"/> Power Amplifier	CERNEX	CBL26405040	19660	1 year	07.15.2016
<input type="checkbox"/> Horn Antenna	Schwarzbeck	BBHA 9120D	1300	2 year	08.25.2016
<input type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESU 26	100241	1 year	05.27.2016
<input type="checkbox"/> Turn Table	INNCO Systems	DT3000-3T	DT3000/69	N/A	-
<input checked="" type="checkbox"/> Software	Rohde & Schwarz	EMC32	-	-	-



## 7. CONCLUSION

The data collected shows that the **EUT Type: Portable Handset , Model: LG-M250dsF, FCC ID: ZNFM250DSF** complies with §15.107 and §15.109 of the FCC rules.