



HCT CO., LTD.

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EMI CERTIFICATION REPORT

Applicant:

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

Date of Issue: December 12, 2013

Test Report No.: HCTE1312FE12

Test Site: HCT CO., LTD.
HCT FRN: 0005-8664-21

FCC ID:

ZNFLS740

Rule Part(s) / Standard(s) : FCC PART 15 Subpart B Class B
Equipment Type : Cellular/PCS CDMA/EVDO and AWS/PCS LTE Phone with Bluetooth and WLAN
Model Name : LGLS740, LS740
Port / Connector(s) : USB / Earphone Port
Date of Test : December 09, 2013 - December 10, 2013

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 C63.4/2003. (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 subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C 862



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DOCUMENT HISTORY

The revision history for this document is shown in table.

Version	Date	Description
HCTE1312FE12	December 12, 2013	Initial Release

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ATTACHMENT: TEST SETUP PHOTOGRAPHS

1. GENERAL INFORMATION

1.1 Product Description

Equipment Under Test is manufactured by **LG Electronics MobileComm U.S.A., Inc.**
 Its basic purpose is used for communications.

Model Name	LG-LS740
Additional Model	LGLS740, LS740
FCC ID	ZNFLS740
EUT Type	Cellular/PCS CDMA/EVDO and AWS/PCS LTE Phone with Bluetooth and WLAN
TX Frequency	824.70 MHz to 848.31 MHz (CDMA BC0) 1 851.25 MHz to 1 908.75 MHz (CDMA BC1) 817.90 MHz to 823.10 MHz (CDMA BC10)
RX Frequency	869.70 MHz to 893.31 MHz (CDMA BC0) 1 931.25 MHz to 1 988.75 MHz (CDMA BC1) 862 MHz to 894 MHz (CDMA BC10)

1.2 Related Submittal(s) / Grant(s)

Original submittal only.

1.3 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-LS740	LG	ZNFLS740	Notebook PC Ear-phone
USB cable	EAD62150404	CRESYN	-	E.U.T Notebook PC
USB cable	EAD62185903	BROAD	-	E.U.T Notebook PC
Ear-phone	EAB62690101	LG	-	E.U.T
Notebook PC	ProBook6560b	H.P	DoC	EUT Notebook PC adaptor
Notebook PC adaptor	PPP009D	DELTA Electronics (JIANGSU)LTD	-	Notebook PC
Gateway	MV440	Axesstel	PH7MV440	Notebook PC, Adaptor
Mouse	Serial 2 button mouse	Radio shack	FSUGMZE3	Notebook PC
Adaptor	DA-60M12	Yang Ming Industrial	-	Gateway
RJ45 cable	-	-	-	Notebook PC, Gateway

1.4 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
	Ear-phone	N/A	Y	(D)1.2
Notebook PC	RJ 45	N/A	N	(D)1.5
	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.

1.5 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
	Ear-phone	N	N/A	Y	EUT End
Notebook PC	RJ 45	N	N/A	N	N/A
	Serial (Mouse)	N	N/A	Y	Notebook PC End

1.6 Test Methodology

Both Conducted and Radiated testing was performed according to the procedures in ANSI C63.4/2003. Radiated testing was performed at an antenna to EUT distance of 3 m.

1.7 Test Facility

Chamber used to collect the test data is located at the 74, SEOICHEON-RO, 578BEON-GIL, MAJANG-MYEON, ICHEON-SI, GYEONGGI-DO, KOREA. Those measurement facilities are constructed in conformance with the requirements of C63.4/2003.

Measurement Facilities	Reg. No.
Radiated Field strength measurement facility (3m)	90661 (June 21, 2011)
Radiated Field strength measurement facility (10m)	90661 (June 21, 2011)

1.8 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 th harmonic of the highest frequency or 40 GHz, whichever is lower

2. SYSTEM TEST CONFIGURATION

2.1 Configuration of Test System

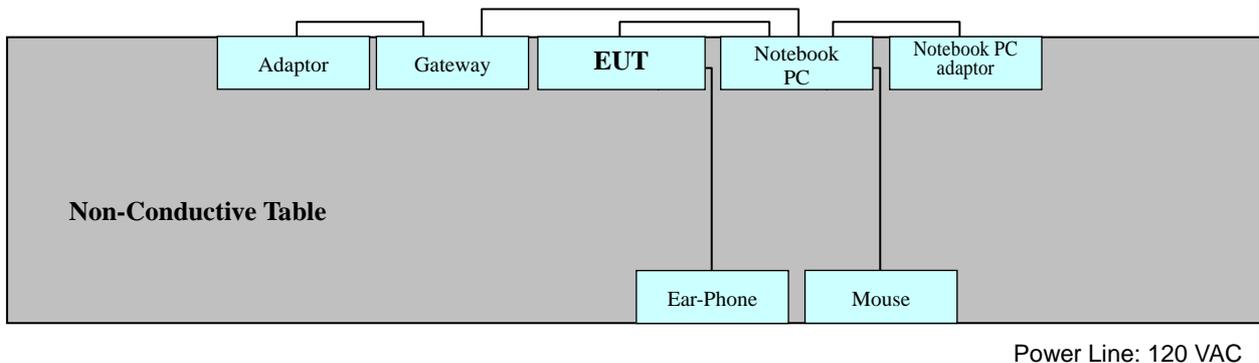
2.1.1 Conducted Emission Test

EUT was connected to LISN via Notebook PC adaptor and Base Station. Preliminary Power Line Conducted Emission tests were performed by using the procedure in ANSI C63.4/2003 7.2.3 to determine the worst operating conditions.

2.1.2 Radiated Emission Test

Preliminary Radiated Emission tests were performed by using the procedure in ANSI C63.4/2003 8.3.1.1 to determine the worst operating condition. Final Radiated Emission tests were performed at 3 m semi-anechoic chamber.

[Configuration of Tested System]



3. PRELIMINARY TEST

3.1 Conducted Emission Test

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

Operation Mode: Data Communication mode

3. 2 Radiated Emission Test

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

Operation Mode: Data Communication mode

4. CONDUCTED AND RADIATED EMISSION TEST SUMMARY

4.1 Conducted Emission Test

The following table shows the highest levels of conducted emissions on both polarization of hot and neutral line.

Limit Apply to	: FCC PART 15 Subpart B Class B
Detector	: Quasi-Peak, Average (6 dB Bandwidth: 9 kHz)
Operation Mode	: Data Communication mode
USB Cable	: CRESYN
Temperature	: 20.1°C
Humidity Level	: 38.6 %
Test Date	: December 09, 2013

Frequency (MHz)	Transd (dB)	Conductor	Quasi-Peak			Average		
			Limit	Measurement Level	Result Level	Limit	Measurement Level	Result Level
			(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dBuV)
0.194	9.8	H	64	46.8	56.6	54	-	-
0.274	9.8	H	61	37.9	47.7	51	-	-
4.584	10.2	H	56	-	-	46	23.5	33.7
0.150	10.0	N	66	41.3	51.3	56	-	-
0.198	10.0	N	64	48.1	58.1	54	-	-
0.266	10.0	N	61	40.6	50.6	51	-	-

※ **NOTE:** Refer to page 11 to page 14 for details.

1. Line H = Hot, Line N = Neutral
2. Transd = LISN factor + Cable Loss factor

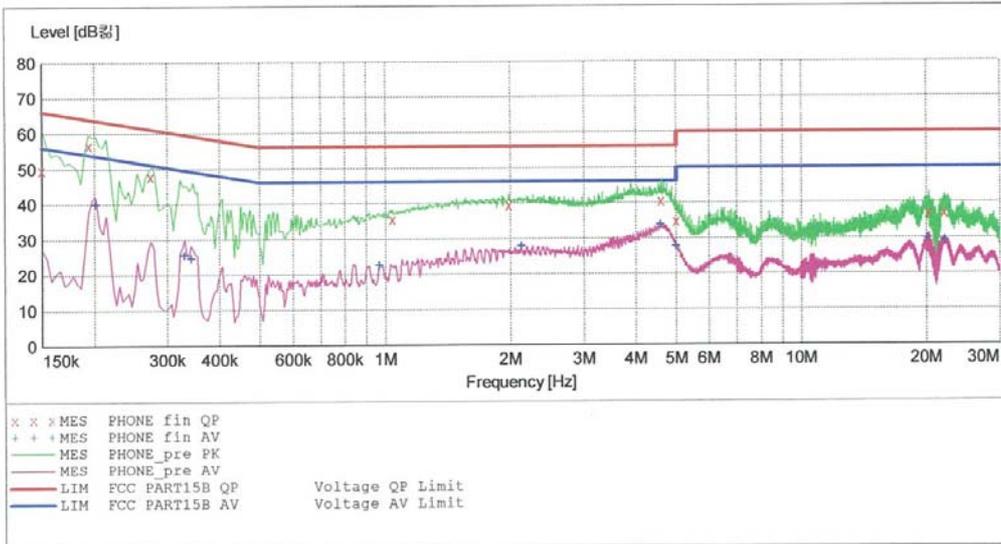
HCT

EMC

EUT: LG-LS740
 Manufacturer: LG
 Operating Condition: DATA MODE (CRESYN CABLE)
 Test Site: SHIELD ROOM
 Operator: GC YOON
 Test Specification: FCC PART15B
 Comment: H
 Start of Test: 2013-12-09 / 2:17:51 오후

SCAN TABLE: "FCC CLASS B(H)"

Short Description:			FCC CLASS B(H)				Transducer
Start	Stop	Step	Detector	Meas. Time	IF Bandw.		
150.0 kHz	500.0 kHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None	
			Average				
500.0 kHz	5.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None	
			Average				
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None	
			Average				



MEASUREMENT RESULT: "PHONE_fin QP"

2013-12-09 2:20 오후

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.150001	49.60	9.8	66	16.4	---	---
0.194001	56.60	9.8	64	7.3	---	---
0.274001	47.70	9.8	61	13.3	---	---
1.044000	35.60	9.8	56	20.4	---	---
1.984000	39.40	9.9	56	16.6	---	---
4.612000	40.50	10.2	56	15.5	---	---
5.000000	34.70	10.2	56	21.3	---	---
20.276000	37.00	10.9	60	23.0	---	---
22.048000	36.90	11.0	60	23.1	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

2013-12-09 2:20 오후

Frequency MHz	Level dB _μ	Transd dB	Limit dB _μ	Margin dB	Line	PE
0.202001	39.80	9.8	54	13.7	---	---
0.330001	25.40	9.8	50	24.0	---	---
0.342001	24.60	9.8	49	24.5	---	---
0.968000	22.50	9.8	46	23.5	---	---
2.124000	27.80	10.0	46	18.2	---	---
4.584000	33.70	10.2	46	12.3	---	---
5.000000	27.60	10.2	46	18.4	---	---
20.096000	29.60	10.9	50	20.4	---	---
22.144000	29.10	11.0	50	20.9	---	---

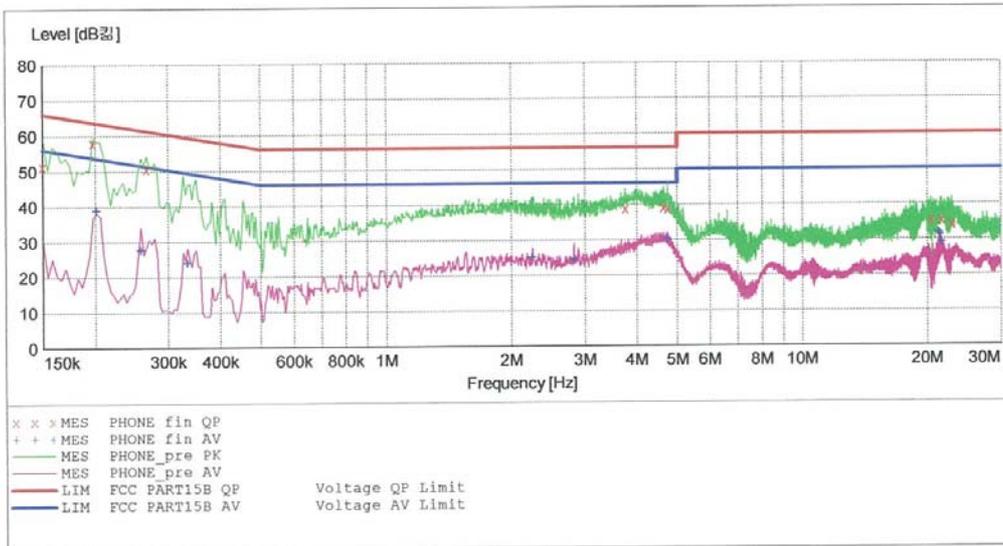
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EMC

EUT: LG-LS740
 Manufacturer: LG
 Operating Condition: DATA MODE (CRESYN CABLE)
 Test Site: SHIELD ROOM
 Operator: GC YOON
 Test Specification: FCC PART15B
 Comment: N
 Start of Test: 2013-12-09 / 2:14:18 오후

SCAN TABLE: "FCC CLASS B(N)"

Short Description:		FCC CLASS B(N)					
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer	
150.0 kHz	500.0 kHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None	
			Average				
500.0 kHz	5.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None	
			Average				
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None	
			Average				



MEASUREMENT RESULT: "PHONE_fin QP"

2013-12-09 2:16 오후

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.150001	51.30	10.0	66	14.7	---	---
0.198001	58.10	10.0	64	5.6	---	---
0.266001	50.60	10.0	61	10.6	---	---
3.756000	38.80	10.3	56	17.2	---	---
4.648000	39.10	10.4	56	16.9	---	---
4.748000	38.70	10.4	56	17.3	---	---
20.424000	35.40	11.3	60	24.6	---	---
21.632000	35.40	11.3	60	24.6	---	---
22.904000	34.10	11.4	60	25.9	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

2013-12-09 2:16 오후

Frequency MHz	Level dB _{μV}	Transd dB	Limit dB _{μV}	Margin dB	Line	PE
0.202001	38.80	10.0	54	14.8	---	---
0.258001	27.60	10.0	52	23.9	---	---
0.334001	24.00	10.0	49	25.4	---	---
2.252000	25.20	10.2	46	20.8	---	---
2.832000	24.50	10.2	46	21.5	---	---
4.748000	30.10	10.4	46	15.9	---	---
21.268000	31.70	11.3	50	18.3	---	---
21.408000	31.10	11.3	50	18.9	---	---
21.552000	28.90	11.3	50	21.1	---	---

Limit Apply to : FCC PART 15 Subpart B Class B

Detector : Quasi-Peak, Average (6 dB Bandwidth: 9 kHz)

Operation Mode : Data Communication mode

USB Cable : BROAD

Temperature : 20.1°C

Humidity Level : 38.6 %

Test Date : December 09, 2013

Frequency	Transd	Conductor	Quasi-Peak			Average		
			Limit	Measurement Level	Result Level	Limit	Measurement Level	Result Level
(MHz)	(dB)		(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dBuV]
0.202	9.8	H	64	42.8	52.6	54	-	-
0.258	9.8	H	62	36.1	45.9	52	-	-
4.444	10.2	H	56	-	-	46	21.6	31.8
0.198	10.0	N	64	42.7	52.7	54	25.5	35.5
0.210	10.0	N	63	41.4	51.4	53	-	-
4.580	10.4	N	56	-	-	46	21.7	32.1

※ **NOTE:** Refer to page 16 to page 19 for details.

1. Line H = Hot, Line N = Neutral
2. Transd = LISN factor + Cable Loss factor

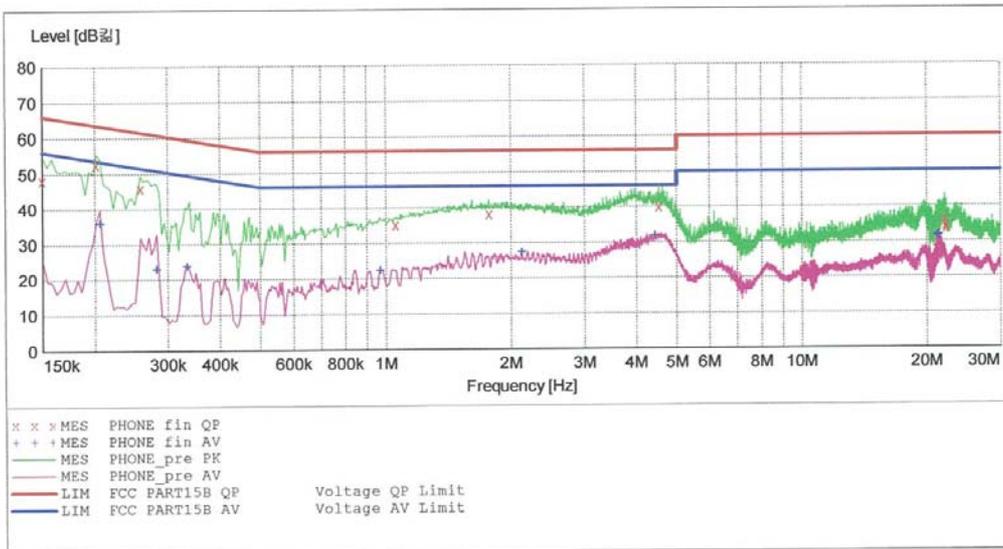
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EMC

EUT: LG-LS740
 Manufacturer: LG
 Operating Condition: DATA MODE (BROAD CABLE)
 Test Site: SHIELD ROOM
 Operator: GC YOON
 Test Specification: FCC PART15B
 Comment: H
 Start of Test: 2013-12-09 / 2:23:03오후

SCAN TABLE: "FCC CLASS B(H)"

Short Description:			FCC CLASS B(H)			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	500.0 kHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			
500.0 kHz	5.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			



MEASUREMENT RESULT: "PHONE_fin_QP"

2013-12-09 2:25오후

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.150001	48.20	9.8	66	17.8	---	---
0.202001	52.60	9.8	64	10.9	---	---
0.258001	45.90	9.8	62	15.6	---	---
1.056000	35.20	9.8	56	20.8	---	---
1.772000	38.20	9.9	56	17.8	---	---
4.536000	40.10	10.2	56	15.9	---	---
22.036000	36.30	11.0	60	23.7	---	---
22.176000	34.50	11.0	60	25.5	---	---
22.244000	33.70	11.0	60	26.3	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

2013-12-09 2:25 오후

Frequency MHz	Level dB _{μV}	Transd dB	Limit dB _{μV}	Margin dB	Line	PE
0.206001	35.90	9.8	53	17.5	---	---
0.282001	23.10	9.8	51	27.7	---	---
0.334001	23.70	9.8	49	25.7	---	---
0.972000	22.40	9.8	46	23.6	---	---
2.124000	27.30	10.0	46	18.7	---	---
4.444000	31.80	10.2	46	14.2	---	---
21.184000	31.40	11.0	50	18.6	---	---
21.260000	31.70	11.0	50	18.3	---	---
21.328000	31.60	11.0	50	18.4	---	---

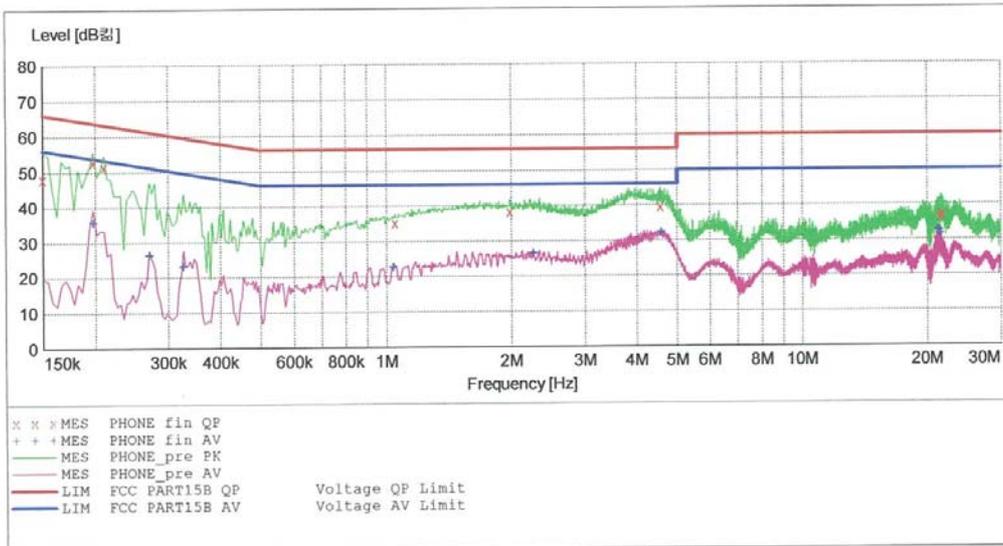
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EMC

EUT: LG-LS740
 Manufacturer: LG
 Operating Condition: DATA MODE (BROAD CABLE)
 Test Site: SHIELD ROOM
 Operator: GC YOON
 Test Specification: FCC PART15B
 Comment: N
 Start of Test: 2013-12-09 / 2:26:20오후

SCAN TABLE: "FCC CLASS B(N)"

Short Description:			FCC CLASS B(N)			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	500.0 kHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			
500.0 kHz	5.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			



MEASUREMENT RESULT: "PHONE_fin QP"

2013-12-09 2:29오후

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.150001	48.00	10.0	66	18.0	---	---
0.198001	52.70	10.0	64	11.0	---	---
0.210001	51.40	10.0	63	11.8	---	---
1.052000	35.10	10.1	56	20.9	---	---
1.984000	38.30	10.1	56	17.7	---	---
4.560000	39.50	10.4	56	16.5	---	---
21.444000	36.50	11.3	60	23.5	---	---
21.604000	36.90	11.3	60	23.1	---	---
21.680000	37.10	11.3	60	22.9	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

2013-12-09 2:29 Ω. ㅍ

Frequency MHz	Level dBμ	Transd dB	Limit dBμ	Margin dB	Line	PE
0.198001	35.50	10.0	54	18.2	---	---
0.270001	26.40	10.0	51	24.7	---	---
0.326001	23.20	10.0	50	26.4	---	---
1.044000	22.60	10.1	46	23.4	---	---
2.264000	26.50	10.2	46	19.5	---	---
4.580000	32.10	10.4	46	13.9	---	---
21.252000	32.60	11.3	50	17.4	---	---
21.320000	32.30	11.3	50	17.7	---	---
21.384000	31.40	11.3	50	18.6	---	---

4.2 Radiated Emission Test

The following table shows the highest levels of Radiated Emissions on both polarization of horizontal and vertical.

-For measurement below 1 GHz

Limit Apply to : FCC PART 15 Subpart B Class B

Detector : Quasi-Peak (6 dB Bandwidth: 120 kHz)

Operation Mode : Data Communication mode

USB Cable : CRESYN

Temperature : 20.6°C

Humidity Level : 32.7 %

Test Date : December 10, 2013

Frequency (MHz)	Reading (dBUV)	Polarity (H/V)	Antenna Height (m)	Correction Factor		Limit (dBUV/m)	Level (dBUV/m)	Margin (dB)
				Antenna (dB/m)	Cable (dB)			
58.7	16.40	V	1.0	11.88	3.53	40.0	31.81	8.19
86.1	17.71	H	3.0	7.69	3.71	40.0	29.11	10.89
125.0	12.01	V	1.0	12.01	3.90	43.5	27.92	15.58
275.0	13.07	H	2.5	12.59	4.45	46.0	30.11	15.89
375.0	16.79	H	1.3	15.08	4.79	46.0	36.66	9.34
625.0	14.04	V	1.0	19.97	5.39	46.0	39.40	6.60

※ **NOTE:** Polarity H = Horizontal, Polarity V = Vertical

Limit Apply to : FCC PART 15 Subpart B Class B

Detector : Quasi-Peak (6 dB Bandwidth: 120 kHz)

Operation Mode : Data Communication mode

USB Cable : BROAD

Temperature : 20.6°C

Humidity Level : 32.7 %

Test Date : December 10, 2013

Frequency (MHz)	Reading (dBUV)	Polarity (H/V)	Antenna Height (m)	Correction Factor		Limit (dBUV/m)	Level (dBUV/m)	Margin (dB)
				Antenna (dB/m)	Cable (dB)			
32.8	13.16	V	1.0	11.42	3.34	40.0	27.92	12.08
46.4	10.12	V	1.0	12.41	3.46	40.0	25.99	14.01
132.0	13.79	V	1.0	12.35	3.93	43.5	30.07	13.43
275.9	14.55	H	1.2	12.62	4.45	46.0	31.62	14.38
375.0	15.68	H	1.3	15.08	4.79	46.0	35.55	10.45
625.0	12.56	V	1.0	19.97	5.39	46.0	37.92	8.08

※ **NOTE:** Polarity H = Horizontal, Polarity V = Vertical

-For measurement above 1 GHz

Limit Apply to : FCC PART 15 Subpart B Class B

Detector : Peak mode: Peak (RBW: 1 MHz, VBW: 1 MHz)
 : Average mode: Peak (RBW: 1 MHz, VBW: 10 Hz)

Operation Mode : Data Communication mode

USB Cable : CRESYN

Temperature : 20.6°C

Humidity Level : 32.7 %

Test Date : December 10, 2013

Frequency (GHz)	Peak			POL	Average		
	Total (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)		Total (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1.3275	51.1	74	22.9	V	26.8	54	27.2
1.9982	55.4	74	18.6	V	30.8	54	23.2
2.6554	52.0	74	22.0	V	31.0	54	23.0

※ NOTE:

1. Measurement above 1 GHz was performed from 1 GHz to the 5th harmonic of highest fundamental frequency. Test was measured by 12 GHz.

Limit Apply to : FCC PART 15 Subpart B Class B

Detector : Peak mode: Peak (RBW: 1 MHz, VBW: 1 MHz)
 : Average mode: Peak (RBW: 1 MHz, VBW: 10 Hz)

Operation Mode : Data Communication mode

USB Cable : BROAD

Temperature : 20.6°C

Humidity Level : 32.7 %

Test Date : December 10, 2013

Frequency (GHz)	Peak			POL	Average		
	Total (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)		Total (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1.3286	51.1	74	22.9	V	27.1	54	26.9
1.9990	53.6	74	20.4	V	29.0	54	25.0
2.6606	52.9	74	21.1	V	31.0	54	23.0

※ NOTE:

1. Measurement above 1 GHz was performed from 1 GHz to the 5th harmonic of highest fundamental frequency. Test was measured by 12 GHz.

5. FIELD STRENGTH CALCULATION

The field strength is calculated by adding the antenna factor and cable factor.
The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CF$$

Where FS = Field Strength

RA = Receiver Amplitude

AF = Antenna Factor

CF = Cable Attenuation Factor

Assume a receiver reading of 21.5 dB μ V is obtained. The antenna factor of 7.4 dB/m and a cable factor of 1.1 dB are added. The 30 dB μ V/m value is mathematically converted to its corresponding level in μ V/m.

$$FS = 21.5 + 7.4 + 1.1 = 30 \text{ dB}\mu\text{V/m}$$

[Radiated Emission Limits]

Frequency of Emission (MHz)	Field Strength	
	μ V/m	dB μ V/m
30 to 88	100	40.0
88 to 216	150	43.5
216 to 960	200	46.0
Above 960	500	54.0

6. TEST EQUIPMENT

<u>Type</u>	<u>Manufacturer</u>	<u>Model Name</u>	<u>Serial Number</u>	<u>Calibration Cycle</u>	<u>Next CAL Date</u>
<u>Conducted Emission</u>					
<input checked="" type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESCI	100584	1 year	2014.04.25
<input checked="" type="checkbox"/> LISN	EMCO	3816/2SH	9706-1070	1 year	2014.04.26
<input checked="" type="checkbox"/> LISN	Rohde & Schwarz	ENV216	100073	1 year	2014.02.06
<input type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESCI	100033	1 year	2014.06.23
<input type="checkbox"/> LISN	Rohde & Schwarz	ESH3-Z5	100282	1 year	2014.07.03
<input type="checkbox"/> Attenuator	Rohde & Schwarz	ESH3-Z2	357.8810.352	1 year	2014.07.03
<u>Radiated Emission (30 Mhz to 1 GHz)</u>					
<input checked="" type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESI40	831564103	1 year	2014.04.16
<input checked="" type="checkbox"/> Trilog Antenna	Schwarzbeck	VULB9160	3301	2 year	2014.12.17
<input checked="" type="checkbox"/> Antenna master	HD GmbH	MA240	240/520	N/A	-
<input checked="" type="checkbox"/> Turn Table	HD GmbH	2090	9702/1224	N/A	-
<input type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESU 26	100241	1 year	2014.07.01
<input type="checkbox"/> Trilog Antenna	Schwarzbeck	VULB9168	185	2 year	2015.04.16
<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	-
<u>Radiated Emission (1 GHz to 12 GHz)</u>					
<input checked="" type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESI40	831564103	1 year	2014.04.16
<input checked="" type="checkbox"/> Antenna master	HD GmbH	MA240	240/520	N/A	-
<input checked="" type="checkbox"/> Turn Table	HD GmbH	2090	9702/1224	N/A	-
<input checked="" type="checkbox"/> Power Amplifier	CERNEX	CBLU1183540	21690	1 year	2014.07.12
<input checked="" type="checkbox"/> Horn Antenna	Schwarzbeck	BBHA 9120D	296	2 year	2014.12.13
<input type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESU 26	100241	1 year	2014.07.01
<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	-

7. CONCLUSION

The data collected shows that the **EUT type: Cellular/PCS CDMA/EVDO and AWS/PCS LTE Phone with Bluetooth and WLAN, FCC ID: ZNFLS740, Model: LG-LS740** complies with §15.107 and §15.109 of the FCC rules.