



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: July 25, 2013

Test Report No.: HCTE1306FE24-1

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

FCC ID:

ZNFL01F

Rule Part(s) / Standard(s) : FCC PART 15 Subpart B Class B
Equipment Type : Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and NFC(Felica)
Model Name : L-01F
Port / Connector(s) : USB / Earphone Port
Date of Test : June 18, 2013 – June 21, 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 denied 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
HCTE1306FE24	June 28, 2013	Initial Release
HCTE1306FE24-1	July 25, 2013	Change Equipment Type

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ATTACHMENT: TEST SETUP PHOTOGRAPHS

1. GENERAL INFORMATION

1.1 Product Description

Equipment Under Test is **EUT type: Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and NFC(Felica), Model: L-01F** manufactured by **LG Electronics MobileComm U.S.A., Inc.** Its basic purpose is used for communications.

Model	L-01F
FCC ID	ZNFL01F
EUT Type	Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and NFC(Felica),
TX Frequency	824.20 MHz to 848.80 MHz (GSM 850) 1 850.20 MHz to 1 909.80 MHz (GSM 1 900) 826.40 MHz to 846.60 MHz (WCDMA 850) 1 852.4 MHz to 1 907.6 MHz (WCDMA 1 900)
RX Frequency	869.20 MHz to 893.80 MHz (GSM 850) 1 930.20 MHz to 1 989.80 MHz (GSM 1 900) 871.40 MHz to 891.60 MHz (WCDMA 850) 1 932.4 MHz to 1 987.6 MHz (WCDMA 1 900)

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	Manufacturer	Model Name	FCC ID / DoC	Connected To
EUT	LG	L-01F	ZNFL01F	Notebook PC Ear-phone
USB cable (2.0)	CRESYN	EAD62329301	-	E.U.T Notebook PC
USB cable (3.0)	Ningbo	LG0107	-	E.U.T Notebook PC
Ear-phone	I-SOUND	EAB62691101	-	E.U.T
Notebook PC	HP	ProBook6570b	DoC	Notebook PC adaptor
Notebook PC adaptor	DELTA Electronics (JIANGSU)LTD.	PPP012D-S	-	Notebook PC
Mouse	Radio shack	Series 2-button mouse	FSUGMZE3	Notebook PC
Gateway	Axesstel	MV440R	-	Notebook PC, Adaptor
Adaptor	Yang Ming Industrial	DA-60M12	-	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 (USB 2.0)	Y	Y	(P,D)1.2
	Ear-phone	N/A	Y	(D)1.2
	Micro USB (USB 3.0)	Y	Y	(P,D)0.1
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 (USB 2.0)	N	N/A	Y	Both End
	Ear-phone	N	N/A	Y	EUT End
	Micro USB (USB 3.0)	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

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 ANSI C63.4.

Measurement Facilities	Reg. No.
Radiated Field strength measurement facility (3m)	90661(Mar. 02, 2011)
Radiated Field strength measurement facility (10m)	90661 (Sep. 03, 2010)

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

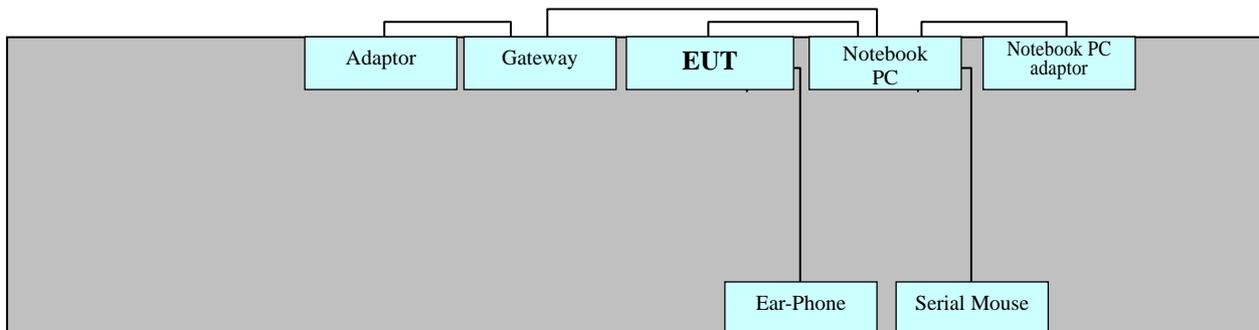
2.1.1 Conducted Emission Test

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]



Non-Conductive Table
Power Line: 120 VAC

3. PRELIMINARY TEST

3.1 Conducted Emission Test

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

Operation Mode: Data Communication mode (Type: USB 2.0)
 Data Communication mode (Type: USB 3.0)

3. 2 Radiated Emission Test

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

Operation Mode: Data Communication mode (Type: USB 2.0)
 Data Communication mode (Type: USB 3.0)

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.

[Type: USB 2.0]

Limit Apply to	: FCC PART 15 Subpart B Class B
Detector	: Quasi-Peak, Average (6 dB Bandwidth: 9 kHz)
Operation Mode	: Data Communication mode
Temperature	: 25.0 °C
Humidity Level	: 49.8 %
Test Date	: June 18, 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]
0.150	10.0	N	66	42.0	52.0	56	-	-
0.150	9.8	H	66	42.8	52.6	56	-	-
0.158	9.8	H	66	40.4	50.2	56	-	-
0.166	9.8	H	65	39.7	49.5	55	20.4	30.2
0.174	10.0	N	65	37.5	47.5	55	18.0	28.0
3.064	10.2	N	56	-	-	46	17.7	27.9

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

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

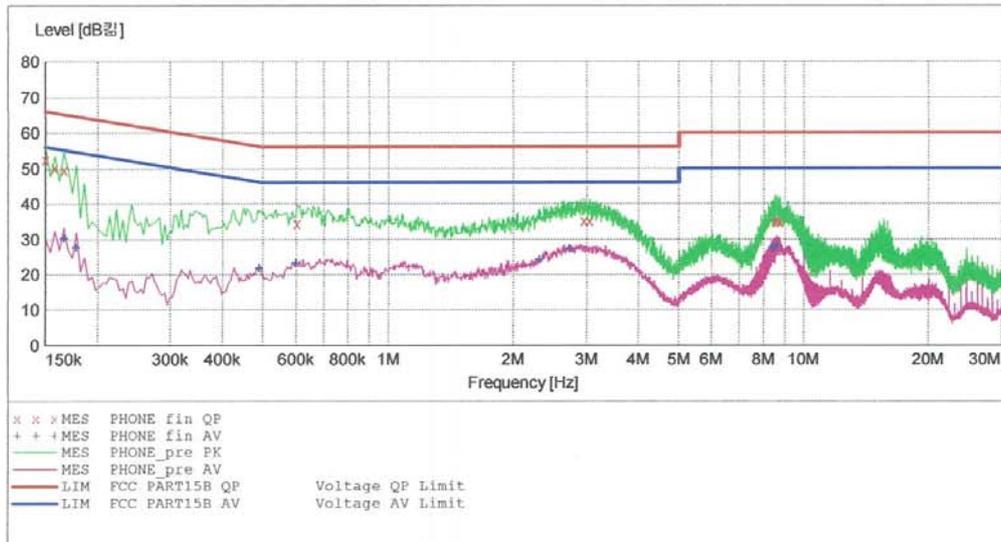
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EMC

EUT: ~~BS1205~~ **1-C1F**
 Manufacturer: LG
 Operating Condition: DATA MODE (USB 2.0)
 Test Site: SHIELD ROOM
 Operator: GC YOON
 Test Specification: FCC PART15 B
 Comment: H

SCAN TABLE: "FCC CLASS B(H)"

Short Description:			KN22 CLASS B			
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"

2013-06-18 3:37오후

Frequency MHz	Level dB	Transd dB	Limit dB	Margin dB	Line	PE
0.150001	52.60	9.8	66	13.4	---	---
0.158001	50.20	9.8	66	15.3	---	---
0.166001	49.50	9.8	65	15.7	---	---
0.604000	34.50	9.8	56	21.5	---	---
2.960000	35.20	10.0	56	20.8	---	---
3.056000	35.20	10.1	56	20.8	---	---
8.520000	35.00	10.4	60	25.0	---	---
8.632000	35.20	10.4	60	24.8	---	---
8.764000	34.80	10.4	60	25.2	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

2013-06-18 3:37오후

Frequency MHz	Level dB _{μV}	Transd dB	Limit dB _{μV}	Margin dB	Line	PE
0.166001	30.20	9.8	55	25.0	---	---
0.178001	27.60	9.8	55	27.0	---	---
0.490001	21.80	9.8	46	24.4	---	---
0.600000	23.30	9.8	46	22.7	---	---
2.312000	24.30	10.0	46	21.7	---	---
2.728000	27.20	10.0	46	18.8	---	---
8.432000	27.30	10.4	50	22.7	---	---
8.512000	27.50	10.4	50	22.5	---	---
8.616000	28.20	10.4	50	21.8	---	---

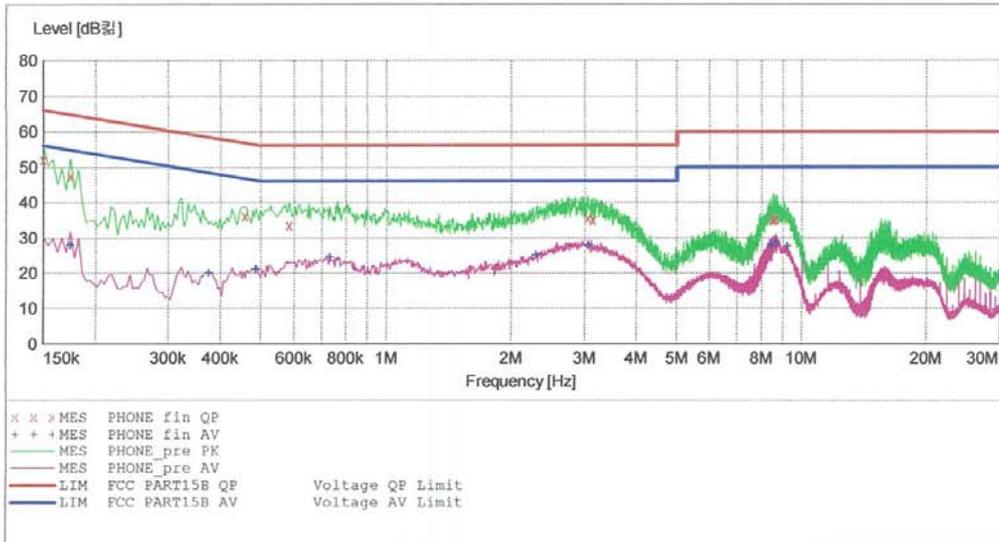
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EMC

EUT: ~~DS1205~~ L-MF
 Manufacturer: LG
 Operating Condition: DATA MODE (USB 2.0)
 Test Site: SHIELD ROOM
 Operator: GC YOON
 Test Specification: FCC PART15 B
 Comment: N

SCAN TABLE: "FCC CLASS B(N)"

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	500.0 kHz	4.0 kHz	KN22 CLASS B	10.0 ms	9 kHz	None
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"

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Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.150001	52.00	10.0	66	14.0	---	---
0.174001	47.50	10.0	65	17.2	---	---
0.458001	36.30	10.0	57	20.4	---	---
0.584000	33.60	10.0	56	22.4	---	---
3.052000	35.70	10.2	56	20.3	---	---
3.148000	35.00	10.3	56	21.0	---	---
8.532000	35.00	10.6	60	25.0	---	---
8.584000	35.20	10.6	60	24.8	---	---
8.672000	35.40	10.6	60	24.6	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

2013-06-18 3:34오.후

Frequency MHz	Level dB _{μV}	Transd dB	Limit dB _{μV}	Margin dB	Line	PE
0.174001	28.00	10.0	55	26.8	---	---
0.374001	20.10	10.0	48	28.4	---	---
0.486001	21.20	10.0	46	25.0	---	---
0.732000	24.60	10.0	46	21.4	---	---
2.292000	25.10	10.2	46	20.9	---	---
3.064000	27.90	10.2	46	18.1	---	---
8.456000	27.70	10.6	50	22.3	---	---
8.672000	28.70	10.6	50	21.3	---	---
9.244000	27.60	10.7	50	22.4	---	---

[Type: USB 3.0]

Limit Apply to : FCC PART 15 Subpart B Class B

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

Operation Mode : Data Communication mode

Temperature : 25.0 °C

Humidity Level : 49.8 %

Test Date : June 18, 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)
0.150	9.8	H	66	41.1	50.9	56	-	-
0.154	10.0	N	66	38.8	48.8	56	-	-
0.158	9.8	H	66	38.7	48.5	56	-	-
0.162	10.0	N	65	36.0	46.0	55	-	-
2.932	10.0	H	56	24.6	34.6	46	16.6	26.6
3.048	10.2	N	56	-	-	46	16.9	27.1

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

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

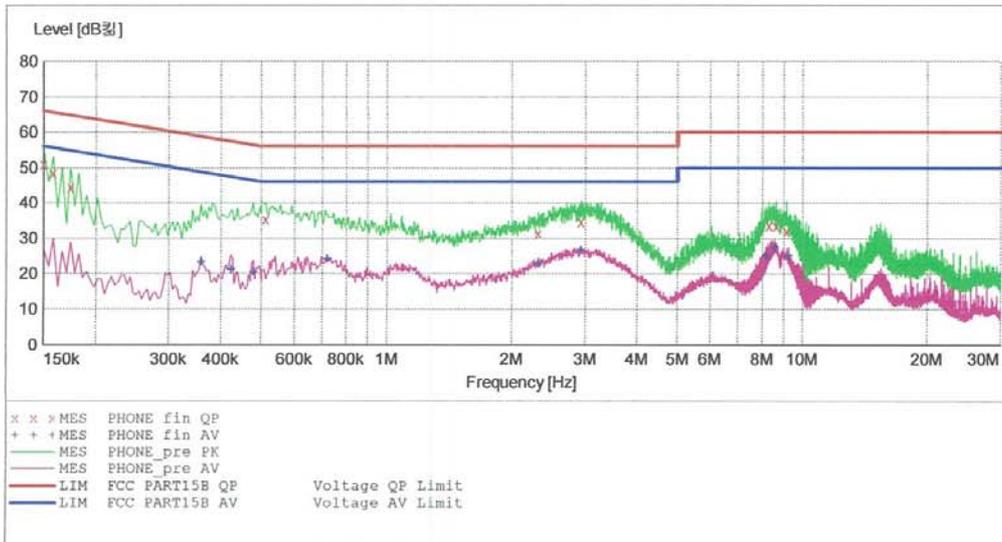
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EMC

EUT: ~~DS1203~~ **I-Q1F**
 Manufacturer: LG
 Operating Condition: DATA MODE (USB 3.0)
 Test Site: SHIELD ROOM
 Operator: GC YOON
 Test Specification: FCC PART15 B
 Comment: H

SCAN TABLE: "FCC CLASS B(H)"

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	500.0 kHz	4.0 kHz	KN22 CLASS B	10.0 ms	9 kHz	None
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"

2013-06-18 3:20 오후

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.150001	50.90	9.8	66	15.1	---	---
0.158001	48.50	9.8	66	17.0	---	---
0.174001	44.40	9.8	65	20.4	---	---
0.512000	35.40	9.8	56	20.6	---	---
2.316000	31.50	10.0	56	24.5	---	---
2.932000	34.60	10.0	56	21.4	---	---
8.292000	33.60	10.4	60	26.4	---	---
8.640000	33.50	10.4	60	26.5	---	---
9.152000	32.00	10.4	60	28.0	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

2013-06-18 3:20오.췰

Frequency MHz	Level dB췰	Transd dB	Limit dB췰	Margin dB	Line	PE
0.358001	23.30	9.8	49	25.5	---	---
0.422001	21.30	9.8	47	26.1	---	---
0.478001	20.50	9.8	46	25.8	---	---
0.720000	24.10	9.8	46	21.9	---	---
2.316000	22.80	10.0	46	23.2	---	---
2.932000	26.60	10.0	46	19.4	---	---
8.172000	24.80	10.4	50	25.2	---	---
8.572000	27.40	10.4	50	22.6	---	---
9.264000	25.00	10.4	50	25.0	---	---

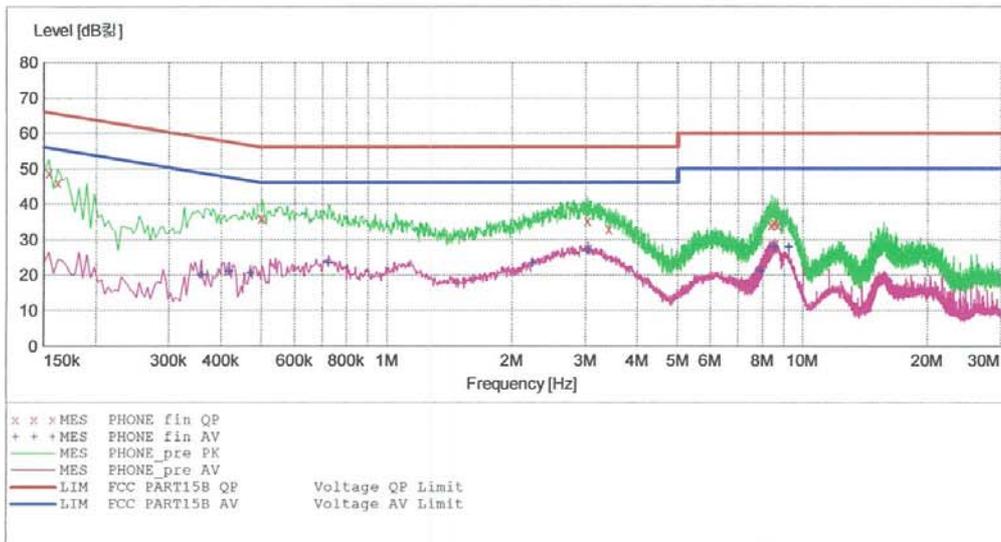
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EMC

EUT: ~~DS1205~~ **1-Q1F**
 Manufacturer: LG
 Operating Condition: DATA MODE (USB 3.0)
 Test Site: SHIELD ROOM
 Operator: GC YOON
 Test Specification: FCC PART15 B
 Comment: N

SCAN TABLE: "FCC CLASS B(N)"

Short Description:			KN22 CLASS B			
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"

2013-06-18 3:24오후

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.154001	48.80	10.0	66	16.9	---	---
0.162001	46.00	10.0	65	19.4	---	---
0.498001	36.00	10.0	56	20.0	---	---
0.500000	36.10	10.0	56	19.9	---	---
3.036000	35.10	10.2	56	20.9	---	---
3.420000	33.10	10.3	56	22.9	---	---
8.404000	34.00	10.6	60	26.0	---	---
8.560000	34.40	10.6	60	25.6	---	---
8.700000	34.10	10.6	60	25.9	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

2013-06-18 3:24오후

Frequency MHz	Level dB _{μV}	Transd dB	Limit dB _{μV}	Margin dB	Line	PE
0.358001	20.10	10.0	49	28.6	---	---
0.418001	21.10	10.0	48	26.4	---	---
0.470001	20.60	10.0	47	26.0	---	---
0.724000	23.50	10.0	46	22.5	---	---
2.240000	23.30	10.2	46	22.7	---	---
3.048000	27.10	10.2	46	18.9	---	---
7.908000	21.30	10.6	50	28.7	---	---
8.560000	27.90	10.6	50	22.1	---	---
9.256000	27.90	10.7	50	22.1	---	---

4.2 Radiated Emission Test

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

[Type: USB 2.0]

-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

Temperature : 23.8 °C

Humidity Level : 54.6 %

Test Date : June 20, 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)			
146.000	11.17	V	1.0	12.85	4.08	43.5	28.1	15.4
212.900	22.02	H	1.3	10.30	4.38	43.5	36.7	6.8
264.900	22.70	H	1.3	12.26	4.54	46.0	39.5	6.5
325.300	17.70	H	1.0	13.97	4.73	46.0	36.4	9.6
514.100	5.90	V	1.0	17.92	5.28	46.0	29.1	16.9
700.000	6.64	V	1.0	20.79	5.67	46.0	33.1	12.9

-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

Temperature : 24.1 °C

Humidity Level : 53.4 %

Test Date : June 21, 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)
2.3947	50.10	74	23.9	V	30.40	54	23.6

※ 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.

[Type: USB 3.0]

-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

Temperature : 23.8 °C

Humidity Level : 54.6 %

Test Date : June 20, 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)			
62.000	8.88	V	1.0	11.56	3.66	40.0	24.1	15.9
136.000	7.63	V	1.0	12.55	4.03	43.5	24.2	19.3
214.400	22.25	H	1.3	10.36	4.39	43.5	37.0	6.5
261.700	22.51	V	1.9	12.15	4.53	46.0	39.2	6.8
325.400	17.39	H	1.0	13.97	4.73	46.0	36.1	9.9
840.200	4.46	V	1.0	22.90	5.84	46.0	33.2	12.8

-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

Temperature : 24.1 °C

Humidity Level : 53.4 %

Test Date : June 21, 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)
2.3231	49.90	74	24.1	V	30.70	54	23.3

※ 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 type="checkbox"/> LISN	Rohde & Schwarz	ESH3-Z5	100282	1 year	2013.07.04
<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"/> Attenuator	Rohde & Schwarz	ESH3-Z2	357.8810.352	1 year	2013.07.31

Radiated Emission

-For measurement below 1 GHz

<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	-

-For measurement above 1 GHz

<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	Rohde & Schwarz	SCU-18	10094	1 year	2013.09.11
<input checked="" type="checkbox"/> Horn Antenna	Schwarzbeck	BBHA 9120D	296	2 year	2014.12.13

7. CONCLUSION

The data collected shows that the **EUT type: Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and NFC(Felica), FCC ID: ZNFL01F, Model: L-01F** complies with §15.107 and §15.109 of the FCC rules.