



HCT CO., LTD.

CERTIFICATION DIVISION

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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 19, 2013

Test Report No.: HCTE1307FE25

Test Site: HCT CO., LTD.

HCT FRN: 0005-8664-21

FCC ID:

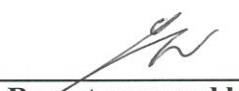
ZNFD801

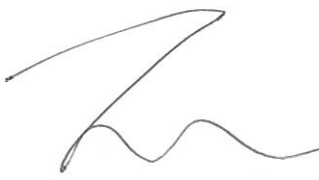
Rule Part(s) / Standard(s) : FCC PART 15 Subpart B Class B
Equipment Type : Cellular/PCS GSM/GPRS/EDGE, Cellular/PCS/AWS WCDMA/HSDPA
/HSUPA/DC-HSDPA and LTE B2/B4/B17 Phone with Bluetooth, WLAN,
NFC
Model Name : LG-D801
Additional Model Name : LGD801, D801
Port / Connector(s) : USB / Earphone Port
Date of Test : July 13, 2013 – July 15, 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 the 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
HCTE1307FE25	July 19, 2013	Initial Release

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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/EDGE, Cellular/PCS/AWS WCDMA/HSDPA/HSUPA/DC-HSDPA and LTE B2/B4/B17 Phone with Bluetooth, WLAN, NFC, Model: LG-D801** manufactured by **LG Electronics MobileComm U.S.A., Inc.** Its basic purpose is used for communications.

Model	LG-D801
FCC ID	ZNFD801
Additional Model	LGD801, D801
EUT Type	Cellular/PCS GSM/GPRS/EDGE, Cellular/PCS/AWS WCDMA /HSDPA/HSUPA/DC-HSDPA and LTE B2/B4/B17 Phone with Bluetooth, WLAN, NFC
TX Frequency	824.20 MHz to 848.80 MHz (GSM 850) 1 850.20 MHz to 1 909.80 MHz (GSM 1 900) 1 850 MHz to 1 910 MHz (WCDMA B2) 1 710 MHz to 1 755 MHz (WCDMA B4) 824 MHz to 849 MHz (WCDMA B5) 1 850 MHz to 1 910 MHz (LTE B2) 1 710 MHz to 1 755 MHz (LTE B4) 704 MHz to 716 MHz (LTE B17)
RX Frequency	869.20 MHz to 893.80 MHz (GSM 850) 1 930.20 MHz to 1 989.80 MHz (GSM 1 900) 1 930 MHz to 1 990 MHz (WCDMA B2) 2 110 MHz to 2 155 MHz (WCDMA B4) 869 MHz to 894 MHz (WCDMA B5) 1 930 MHz to 1 990 MHz (LTE B2) 2 110 MHz to 2 155 MHz (LTE B4) 734 MHz to 746 MHz (LTE B17)

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-D801	LG	ZNFD801	Notebook PC Ear-phone
USB cable (2.0)	SAMIL12345	INTERFACESAMIL	-	E.U.T Notebook PC
USB cable (3.0)	-	Ningbo	-	E.U.T Notebook PC
Ear-phone	LE431	I-SOUND	-	E.U.T
Notebook PC	ProBook 6570b	H.P	DoC	Notebook PC adaptor
Notebook PC adaptor	PPP012D-S	DELTA Electronics (JIANGSU)LTD	-	Notebook PC
Gateway	MV440R	Axesstel	-	Notebook PC, Adaptor
Mouse	Serial mouse	Radio shack	DoC	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 (USB 2.0)	Y	Y	(P,D)1.2
	Micro USB (USB 3.0)	Y	Y	(P,D)0.1
	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 (USB 2.0)	N	N/A	Y	Both End
	Micro USB (USB 3.0)	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 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

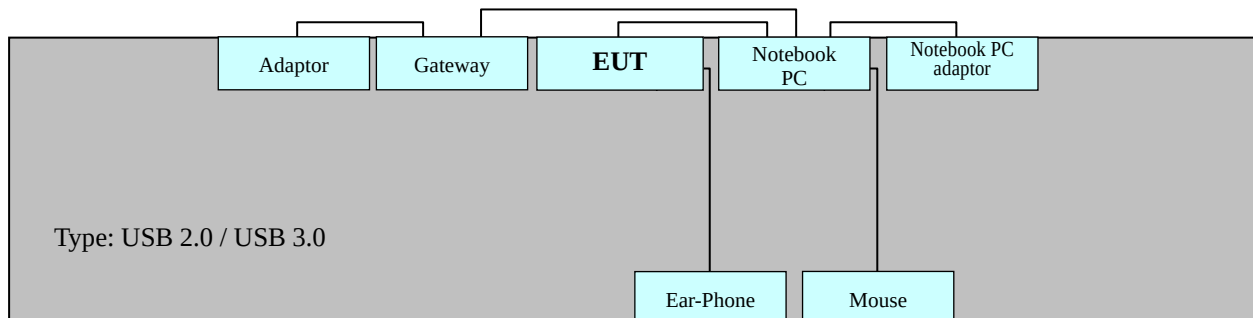
2.1.1 Conducted Emission Test

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 10 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 : 24.9 °C

Humidity Level : 63.6 %

Test Date : July 15, 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	9.80	H	66.00	40.60	50.40	56.00	-	-
0.150	10.00	N	66.00	38.60	48.60	56.00	-	-
0.158	9.80	H	65.57	39.30	49.10	55.57	18.00	27.80
0.720	10.00	N	56.00	-	-	46.00	16.30	26.30
1.132	10.10	N	56.00	-	-	46.00	16.70	26.80
1.140	9.90	H	56.00	24.50	34.40	46.00	17.70	27.60

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

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

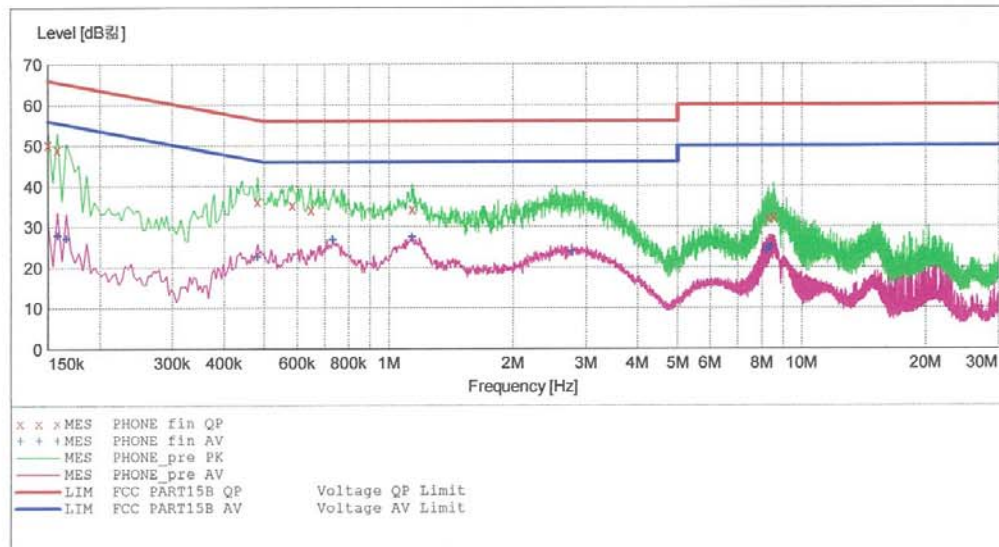
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EMC

EUT: LG-D801 (CLASS II)
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 Frequency	Stop Frequency	Step Width	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"

2013-07-15 2:11오 후

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.150001	50.40	9.8	66	15.6	---	---
0.158001	49.10	9.8	66	16.4	---	---
0.482001	36.20	9.8	56	20.1	---	---
0.584000	35.40	9.8	56	20.6	---	---
0.648000	34.20	9.8	56	21.8	---	---
1.140000	34.40	9.9	56	21.6	---	---
8.304000	32.00	10.4	60	28.0	---	---
8.540000	32.30	10.4	60	27.7	---	---
8.548000	32.30	10.4	60	27.7	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

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Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.158001	27.80	9.8	56	27.8	---	---
0.166001	27.10	9.8	55	28.1	---	---
0.482001	22.70	9.8	46	23.6	---	---
0.732000	26.80	9.8	46	19.2	---	---
1.140000	27.60	9.9	46	18.4	---	---
2.772000	23.90	10.0	46	22.1	---	---
8.216000	24.10	10.4	50	25.9	---	---
8.312000	24.70	10.4	50	25.3	---	---
8.400000	25.00	10.4	50	25.0	---	---

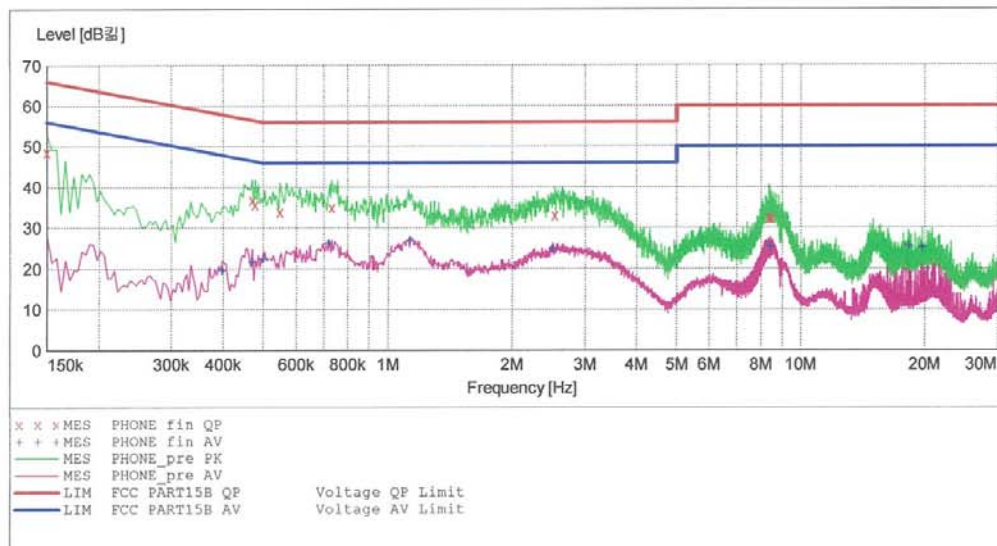
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EMC

EUT: LG-D801 (CLASS II)
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)"

Short Description:			KN22 CLASS B			
Start Frequency	Stop Frequency	Step Width	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"

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Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.150001	48.60	10.0	66	17.4	---	---
0.470001	36.90	10.0	57	19.6	---	---
0.478001	35.80	10.0	56	20.6	---	---
0.548000	34.00	10.0	56	22.0	---	---
0.732000	35.00	10.0	56	21.0	---	---
2.540000	33.10	10.2	56	22.9	---	---
8.368000	32.30	10.6	60	27.7	---	---
8.440000	32.50	10.6	60	27.5	---	---
8.492000	32.30	10.6	60	27.7	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

2013-07-15 2:17 오후

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.398001	19.60	10.0	48	28.3	---	---
0.470001	21.60	10.0	47	24.9	---	---
0.500000	22.40	10.0	46	23.6	---	---
0.720000	26.30	10.0	46	19.7	---	---
1.132000	26.80	10.1	46	19.2	---	---
2.512000	24.60	10.2	46	21.4	---	---
8.448000	25.40	10.6	50	24.6	---	---
18.244000	25.50	11.2	50	24.5	---	---
19.708000	25.10	11.2	50	24.9	---	---

[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 : 24.9 °C

Humidity Level : 63.6 %

Test Date : July 15, 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	9.80	H	66.00	39.80	49.60	56.00	-	-
0.150	10.00	N	66.00	38.30	48.30	56.00	-	-
0.474	10.00	N	56.44	28.90	38.90	46.44	-	-
0.732	9.80	H	56.00	-	-	46.00	16.50	26.30
1.112	10.10	N	56.00	-	-	46.00	16.70	26.80
1.164	9.90	H	56.00	-	-	46.00	17.00	26.90

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

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

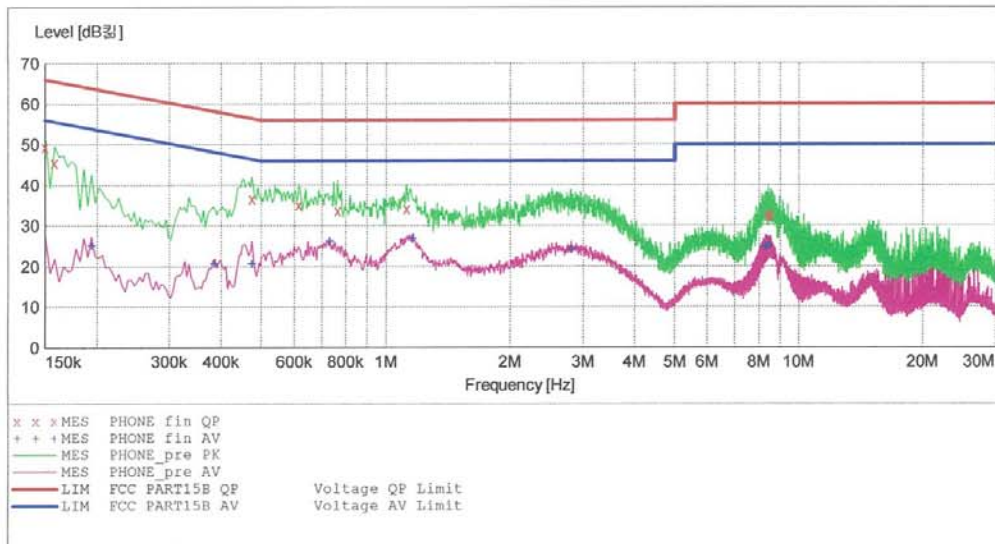
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EMC

EUT: LG-D801 (CLASS II)
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)"

Short Description:			KN22 CLASS B			
Start Frequency	Stop Frequency	Step Width	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"

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Frequency MHz	Level dB	Transd dB	Limit dB	Margin dB	Line	PE
0.150001	49.60	9.8	66	16.4	---	---
0.158001	45.50	9.8	66	20.1	---	---
0.474001	36.70	9.8	56	19.7	---	---
0.616000	35.10	9.8	56	20.9	---	---
0.764000	33.80	9.8	56	22.2	---	---
1.124000	34.20	9.9	56	21.8	---	---
8.436000	32.50	10.4	60	27.5	---	---
8.452000	33.00	10.4	60	27.0	---	---
8.548000	32.40	10.4	60	27.6	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

2013-07-15 2:26오-휴-

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.194001	25.10	9.8	54	28.7	---	---
0.386001	20.60	9.8	48	27.6	---	---
0.474001	20.60	9.8	46	25.8	---	---
0.732000	26.30	9.8	46	19.7	---	---
1.164000	26.90	9.9	46	19.1	---	---
2.808000	24.20	10.0	46	21.8	---	---
8.296000	24.60	10.4	50	25.4	---	---
8.340000	24.80	10.4	50	25.2	---	---
8.488000	25.20	10.4	50	24.8	---	---

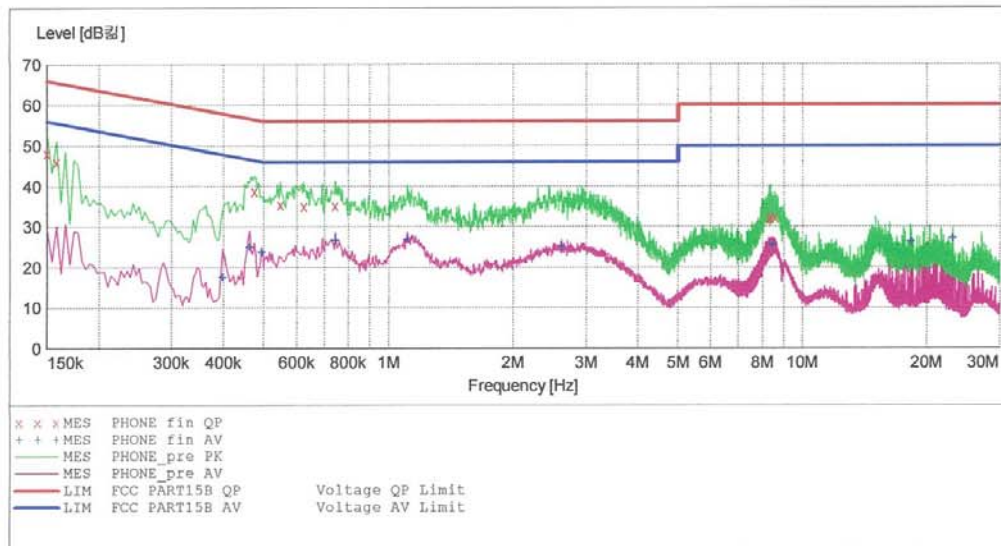
HCT

EMC

EUT: LG-D801 (CLASS II)
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 Frequency	Stop Frequency	Step Width	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"

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Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.150001	48.30	10.0	66	17.7	---	---
0.158001	46.10	10.0	66	19.5	---	---
0.474001	38.90	10.0	56	17.6	---	---
0.548000	35.50	10.0	56	20.5	---	---
0.624000	35.10	10.0	56	20.9	---	---
0.744000	35.30	10.0	56	20.7	---	---
8.296000	32.10	10.6	60	27.9	---	---
8.360000	32.20	10.6	60	27.8	---	---
8.576000	32.30	10.6	60	27.7	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

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Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.398001	17.50	10.0	48	30.4	---	---
0.462001	24.90	10.0	47	21.8	---	---
0.494001	23.60	10.0	46	22.5	---	---
0.744000	26.60	10.0	46	19.4	---	---
1.112000	26.80	10.1	46	19.2	---	---
2.616000	24.90	10.2	46	21.1	---	---
8.428000	25.50	10.6	50	24.5	---	---
18.244000	26.30	11.2	50	23.7	---	---
23.128000	27.10	11.4	50	22.9	---	---

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 : 22.9 °C

Humidity Level : 51.9 %

Test Date : July 13, 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)			
96.00	16.70	H	1.00	8.13	1.78	43.5	26.61	16.89
132.40	15.73	V	1.70	11.44	2.08	43.5	29.25	14.25
165.50	17.78	H	1.50	12.55	2.33	43.5	32.66	10.84
261.80	18.67	H	1.70	12.00	2.94	46.0	33.60	12.40
325.70	19.06	V	1.70	13.95	3.29	46.0	36.30	9.70
512.00	8.57	H	1.00	18.08	4.15	46.0	30.81	15.19

-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 : 23.7 °C

Humidity Level : 49.9 %

Test Date : July 15, 2013

Frequency (GHz)	Peak			POL	Average		
	Total (dBμV/m)	Limit (dBμV/m)	Margin (dB)		Total (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2.2429	53.20	74	20.80	V	35.60	54	18.40

※ 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 : 22.9 °C

Humidity Level : 51.9 %

Test Date : July 13, 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)			
96.00	17.25	H	1.00	8.13	1.78	43.5	27.16	16.34
124.00	20.04	V	1.00	10.38	2.02	43.5	32.44	11.06
265.50	23.72	H	1.20	12.13	2.96	46.0	38.80	7.20
333.30	18.34	V	1.00	14.14	3.33	46.0	35.81	10.19
500.90	8.29	V	1.00	17.85	4.10	46.0	30.24	15.76
624.00	8.27	H	1.00	20.23	4.64	46.0	33.14	12.86

-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 : 23.7 °C

Humidity Level : 49.9 %

Test Date : July 15, 2013

Frequency (GHz)	Peak			POL	Average		
	Total (dBμV/m)	Limit (dBμV/m)	Margin (dB)		Total (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1.9855	43.10	74	30.90	V	29.20	54	24.80
2.4022	52.90	74	21.10	H	39.90	54	14.10
2.4668	58.10	74	15.90	H	33.50	54	20.50
2.4926	62.40	74	11.60	H	33.40	54	20.60
2.9951	54.00	74	20.00	H	31.50	54	22.50

※ 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>					
☒ EMI Test Receiver	Rohde & Schwarz	ESCI	100584	1 year	2014.04.25
☐ EMI Test Receiver	Rohde & Schwarz	ESCI	100033	1 year	2014.06.23
☐ LISN	Rohde & Schwarz	ESH3-Z5	100282	1 year	2014.07.03
☒ LISN	EMCO	3816/2SH	9706-1070	1 year	2014.04.26
☒ LISN	Rohde & Schwarz	ENV216	100073	1 year	2014.02.06
☐ Attenuator	Rohde & Schwarz	ESH3-Z2	357.8810.352	1 year	2014.07.03
<u>Radiated Emission</u>					
-For measurement below 1 GHz					
☐ EMI Test Receiver	Rohde & Schwarz	ESI40	831564103	1 year	2014.04.16
☐ Trilog Antenna	Schwarzbeck	VULB9160	3301	2 year	2014.12.17
☐ Antenna master	HD GmbH	MA240	240/520	N/A	-
☐ Turn Table	HD GmbH	2090	9702/1224	N/A	-
☒ EMI Test Receiver	Rohde & Schwarz	ESU 26	100241	1 year	2014.07.01
☒ Trilog Antenna	Schwarzbeck	VULB9168	185	2 year	2015.04.16
☒ Antenna master	INNCO Systems	MA4000-EP	MA4000/283	N/A	-
☒ Turn Table	INNCO Systems	DT3000-3T	DT3000/69	N/A	-
-For measurement above 1 GHz					
☐ EMI Test Receiver	Rohde & Schwarz	ESI40	831564103	1 year	2014.04.16
☐ Antenna master	HD GmbH	MA240	240/520	N/A	-
☐ Turn Table	HD GmbH	2090	9702/1224	N/A	-
☒ EMI Test Receiver	Rohde & Schwarz	ESU 26	100241	1 year	2014.07.01
☒ Antenna master	INNCO Systems	MA4000-EP	MA4000/283	N/A	-
☒ Turn Table	INNCO Systems	DT3000-3T	DT3000/69	N/A	-
☒ Power Amplifier	Rohde & Schwarz	SCU-18	10094	1 year	2013.09.11
☒ 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/EDGE, Cellular/PCS/AWS WCDMA/HSDPA/HSUPA/DC-HSDPA and LTE B2/B4/B17 Phone with Bluetooth, WLAN, NFC, FCC ID: ZNFD801, Model: LG-D801** complies with §15.107 and §15.109 of the FCC rules.