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.: HCTE1307FE27
Test Site: HCT CO., LTD.
HCT FRN: 0005-8664-21

FCC ID: **ZNFD803**

Rule Part(s) / Standard(s)	: FCC PART 15 Subpart B Class B
Equipment Type	: Cellular/PCS GSM/GPRS/EDGE, Cellular/PCS WCDMA/HSDPA/HSUPA/ DC-HSDPA and LTE B4/B7/B17 Phone with Bluetooth, WLAN, NFC
Model Name	: LG-D803
Additional Model Name	: LGD803, D803
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

Report prepared by
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Test Engineer of EMC Team

Approved by
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DOCUMENT HISTORY

The revision history for this document is shown in table.

Version	Date	Description
HCTE1307FE27	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 WCDMA/HSDPA/HSUPA/DC-HSDPA and LTE B4/B7/B17 Phone with Bluetooth, WLAN, NFC, Model: LG-D803** manufactured by **LG Electronics MobileComm U.S.A., Inc.** Its basic purpose is used for communications.

Model	LG-D803
FCC ID	ZNFD803
Additional Model	LGD803, D803
EUT Type	Cellular/PCS GSM/GPRS/EDGE, Cellular/PCS WCDMA/ HSDPA/HSUPA/DC-HSDPA and LTE B4/B7/B17 Phone with Bluetooth, WLAN, NFC
TX Frequency	824.20 ㎒ to 848.80 ㎒ (GSM 850) 1 850.20 ㎒ to 1 909.80 ㎒ (GSM 1 900) 1 850 ㎒ to 1 910 ㎒ (WCDMA B2) 824 ㎒ to 849 ㎒ (WCDMA B5) 1 710 ㎒ to 1 755 ㎒ (LTE B4) 2 500 ㎒ to 2 570 ㎒ (LTE B7) 704 ㎒ to 716 ㎒ (LTE B17)
RX Frequency	869.20 ㎒ to 893.80 ㎒ (GSM 850) 1 930.20 ㎒ to 1 989.80 ㎒ (GSM 1 900) 1 930 ㎒ to 1 990 ㎒ (WCDMA B2) 869 ㎒ to 894 ㎒ (WCDMA B5) 2 110 ㎒ to 2 155 ㎒ (LTE B4) 2 620 ㎒ to 2 690 ㎒ (LTE B7) 734 ㎒ to 746 ㎒ (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-D803	LG	ZNFD803	Notebook PC Ear-phone
USB cable (2.0)	EAD62329301	IS	-	E.U.T Notebook PC
USB cable (3.0)	EAD62488701	Ningbo	-	E.U.T Notebook PC
Ear-phone	HC-MYD-LG184	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 ㎜

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 (㎒)	Upper frequency of measurement range (㎒)
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 ㎓, whichever is lower

2. SYSTEM TEST CONFIGURATION

2.1 Configuration of Test System

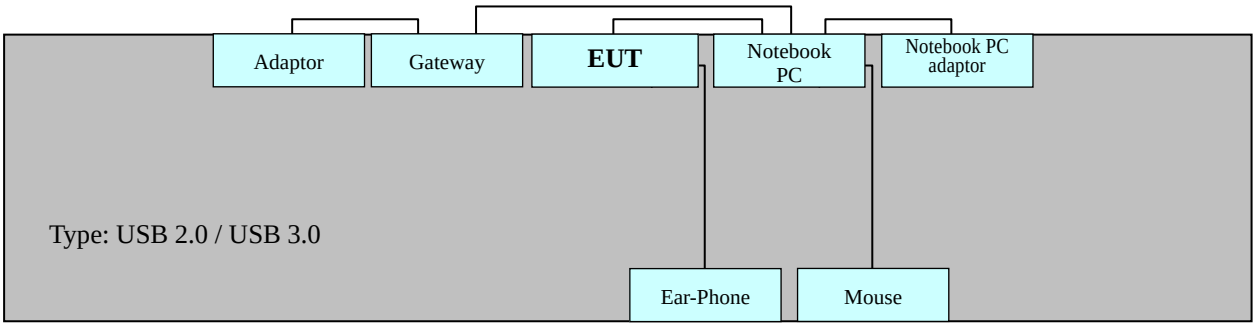
2.1.1 Conducted Emission Test

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 ㎑)
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	40.00	49.80	56.00	-	-
0.150	10.00	N	66.00	38.80	48.80	56.00	-	-
0.158	10.00	N	65.57	36.70	46.70	55.57	-	-
0.158	9.80	H	65.57	39.00	48.80	55.57	-	-
0.744	10.00	N	56.00	26.50	36.50	46.00	17.20	27.20
1.128	9.90	H	56.00	-	-	46.00	16.80	26.70

※ **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

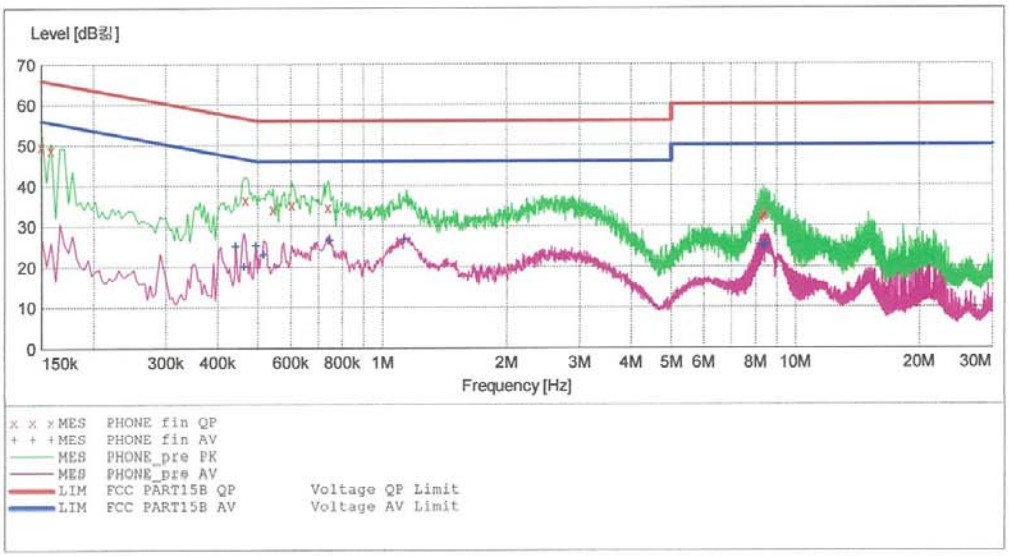
EMC

```
EUT:                    LG-D803
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 Average	10.0 ms	9 kHz	None
500.0 kHz	5.0 MHz	4.0 kHz	MaxPeak Average	10.0 ms	9 kHz	None
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak Average	10.0 ms	9 kHz	None



MEASUREMENT RESULT: "PHONE_fin QP"

2013-07-15 2:48오후

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.150001	49.80	9.8	66	16.2	---	---
0.158001	48.80	9.8	66	16.7	---	---
0.466001	36.50	9.8	57	20.1	---	---
0.544000	34.20	9.8	56	21.8	---	---
0.604000	35.30	9.8	56	20.7	---	---
0.740000	34.60	9.8	56	21.4	---	---
8.232000	32.10	10.4	60	27.9	---	---
8.336000	32.80	10.4	60	27.2	---	---
8.460000	33.00	10.4	60	27.0	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

2013-07-15 2:48오후

Frequency MHz	Level dBㅵ	Transd dB	Limit dBㅵ	Margin dB	Line	PE
0.442001	25.10	9.8	47	21.9	---	---
0.462001	20.20	9.8	47	26.5	---	---
0.494001	25.20	9.8	46	20.9	---	---
0.516000	23.00	9.8	46	23.0	---	---
0.744000	26.50	9.8	46	19.5	---	---
1.128000	26.70	9.9	46	19.3	---	---
8.320000	25.00	10.4	50	25.0	---	---
8.380000	25.10	10.4	50	24.9	---	---
8.460000	25.50	10.4	50	24.5	---	---

HCT

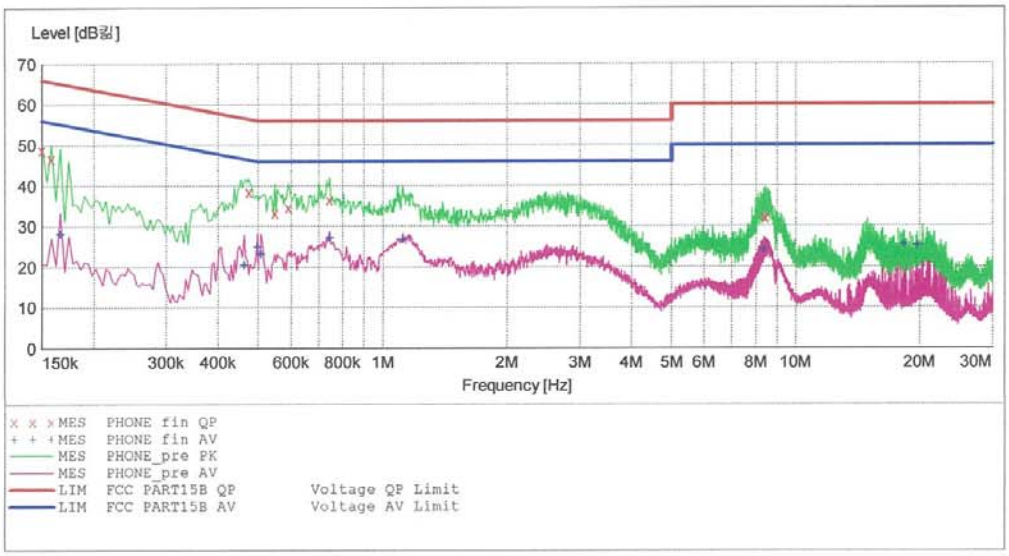
EMC

EUT: LG-D803
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 Average	10.0 ms	9 kHz	None
500.0 kHz	5.0 MHz	4.0 kHz	MaxPeak Average	10.0 ms	9 kHz	None
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak Average	10.0 ms	9 kHz	None



MEASUREMENT RESULT: "PHONE_fin QP"

2013-07-15 2:44오후

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.150001	48.80	10.0	66	17.2	---	---
0.158001	46.70	10.0	66	18.9	---	---
0.474001	38.40	10.0	56	18.1	---	---
0.548000	33.40	10.0	56	22.6	---	---
0.592000	34.60	10.0	56	21.4	---	---
0.744000	36.50	10.0	56	19.5	---	---
8.420000	32.20	10.6	60	27.8	---	---
8.440000	32.20	10.6	60	27.8	---	---
8.464000	32.10	10.6	60	27.9	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

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Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.166001	28.10	10.0	55	27.0	---	---
0.462001	20.50	10.0	47	26.1	---	---
0.498001	24.90	10.0	46	21.2	---	---
0.508000	23.20	10.0	46	22.8	---	---
0.744000	27.20	10.0	46	18.8	---	---
1.120000	26.70	10.1	46	19.3	---	---
8.360000	24.10	10.6	50	25.9	---	---
18.244000	25.50	11.2	50	24.5	---	---
19.708000	25.20	11.2	50	24.8	---	---

[Type: USB 3.0]

Limit Apply to : FCC PART 15 Subpart B Class B

Detector : Quasi-Peak, Average (6 ㏈ Bandwidth: 9 ㎑)
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	40.10	49.90	56.00	-	-
0.150	10.00	N	66.00	37.90	47.90	56.00	-	-
0.158	10.00	N	65.57	36.80	46.80	55.57	-	-
0.162	9.80	H	65.36	38.00	47.80	55.36	-	-
0.466	9.80	H	56.58	28.90	38.70	46.58	12.60	22.40
1.148	10.10	N	56.00	-	-	46.00	17.00	27.10

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

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

HCT

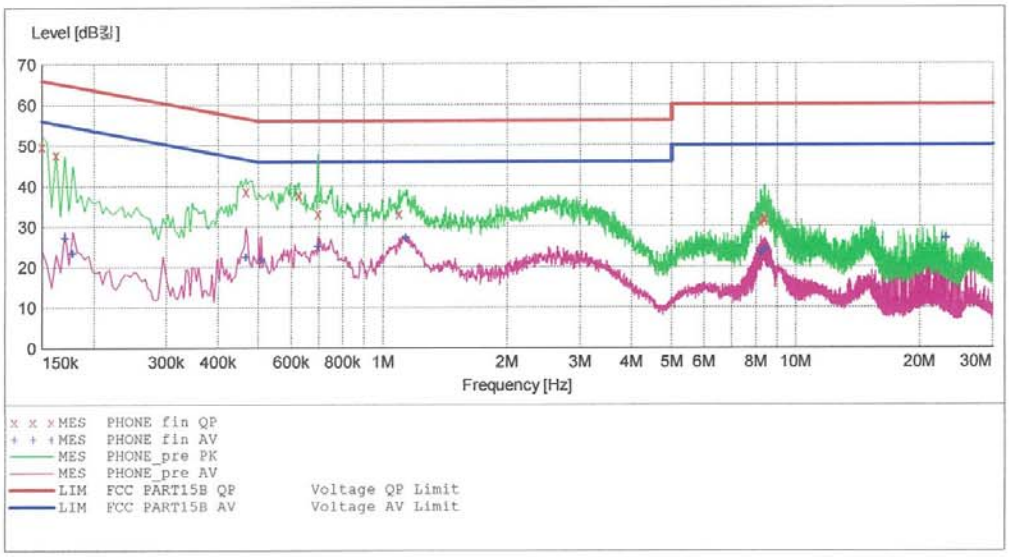
EMC

EUT: LG-D803
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 Average	10.0 ms	9 kHz	None
500.0 kHz	5.0 MHz	4.0 kHz	MaxPeak Average	10.0 ms	9 kHz	None
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak Average	10.0 ms	9 kHz	None



MEASUREMENT RESULT: "PHONE_fin QP"

2013-07-15 2:33오후

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.150001	49.90	9.8	66	16.1	---	---
0.162001	47.80	9.8	65	17.6	---	---
0.466001	38.70	9.8	57	17.9	---	---
0.628000	37.90	9.8	56	18.1	---	---
0.696000	33.20	9.8	56	22.8	---	---
1.096000	33.20	9.9	56	22.8	---	---
8.208000	31.10	10.4	60	28.9	---	---
8.376000	31.60	10.4	60	28.4	---	---
8.404000	32.20	10.4	60	27.8	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

2013-07-15 2:33오후

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.170001	27.30	9.8	55	27.7	---	---
0.178001	23.50	9.8	55	31.1	---	---
0.466001	22.40	9.8	47	24.2	---	---
0.508000	21.80	9.8	46	24.2	---	---
0.696000	25.10	9.8	46	20.9	---	---
1.136000	27.20	9.9	46	18.8	---	---
8.228000	23.30	10.4	50	26.7	---	---
8.428000	24.30	10.4	50	25.7	---	---
23.128000	27.00	11.1	50	23.0	---	---

HCT

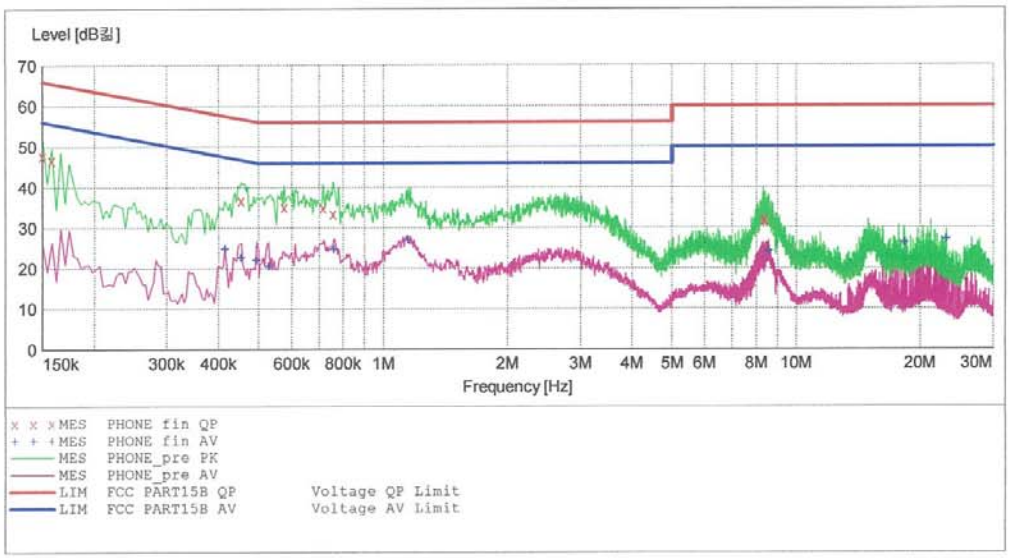
EMC

EUT: LG-D803
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 Average	10.0 ms	9 kHz	None
500.0 kHz	5.0 MHz	4.0 kHz	MaxPeak Average	10.0 ms	9 kHz	None
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak Average	10.0 ms	9 kHz	None



MEASUREMENT RESULT: "PHONE_fin QP"

2013-07-15 2:37오후

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.150001	47.90	10.0	66	18.1	---	---
0.158001	46.80	10.0	66	18.7	---	---
0.454001	36.80	10.0	57	20.0	---	---
0.576000	35.10	10.0	56	20.9	---	---
0.716000	35.00	10.0	56	21.0	---	---
0.756000	33.50	10.0	56	22.5	---	---
8.328000	32.00	10.6	60	28.0	---	---
8.388000	31.70	10.6	60	28.3	---	---
8.400000	31.90	10.6	60	28.1	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

2013-07-15 2:37오후

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.414001	24.80	10.0	48	22.8	---	---
0.454001	22.60	10.0	47	24.2	---	---
0.494001	22.10	10.0	46	24.0	---	---
0.528000	20.50	10.0	46	25.5	---	---
0.760000	24.70	10.0	46	21.3	---	---
1.148000	27.10	10.1	46	18.9	---	---
8.564000	24.20	10.6	50	25.8	---	---
18.244000	26.20	11.2	50	23.8	---	---
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 ㎓

Limit Apply to : FCC PART 15 Subpart B Class B

Detector : Quasi-Peak (6 ㏈ Bandwidth: 120 ㎑)
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)			
94.700	17.25	H	1.00	8.10	1.77	43.5	27.11	16.39
124.000	17.64	V	1.00	10.38	2.02	43.5	30.04	13.46
214.800	22.06	H	1.50	10.08	2.66	43.5	34.80	8.70
320.700	20.41	H	1.00	13.83	3.26	46.0	37.50	8.50
514.400	10.84	V	1.00	18.14	4.16	46.0	33.14	12.86
900.000	3.23	V	1.00	23.61	5.63	46.0	32.47	13.53

-For measurement above 1 ㎓

Limit Apply to : FCC PART 15 Subpart B Class B

Detector : Peak mode: Peak (RBW: 1 ㎒, VBW: 1 ㎒)

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

Operation Mode : Data Communication mode

Temperature : 23.7 °C

Humidity Level : 49.9 %

Test Date : July 15, 2013

Frequency (㎓)	Peak			POL	Average		
	Total (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)		Total (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
2.4209	52.90	74	21.10	V	29.40	54	24.60

※ **NOTE:**

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

[Type: USB 3.0]

-For measurement below 1 ㎓

Limit Apply to : FCC PART 15 Subpart B Class B

Detector : Quasi-Peak (6 ㏈ Bandwidth: 120 ㎑)
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)			
97.300	19.48	H	1.00	8.17	1.79	43.5	29.44	14.06
124.000	18.72	V	1.00	10.38	2.02	43.5	31.12	12.38
240.300	24.02	H	1.20	11.17	2.81	46.0	38.01	7.99
266.500	20.20	V	2.20	12.16	2.96	46.0	35.32	10.68
322.100	20.18	V	1.70	13.86	3.27	46.0	37.31	8.69
375.000	15.70	H	1.20	15.17	3.54	46.0	34.40	11.60

-For measurement above 1 ㎓

Limit Apply to : FCC PART 15 Subpart B Class B

Detector : Peak mode: Peak (RBW: 1 ㎒, VBW: 1 ㎒)

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

Operation Mode : Data Communication mode

Temperature : 23.7 °C

Humidity Level : 49.9 %

Test Date : July 15, 2013

Frequency (㎓)	Peak			POL	Average		
	Total (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)		Total (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
2.5270	50.40	74	23.60	V	29.30	54	24.70

※ **NOTE:**

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

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 dBμV is obtained. The antenna factor of 7.4 dB/m and a cable factor of 1.1 dB are added. The 30 dBμV/m value is mathematically converted to its corresponding level in μV/m.

FS = 21.5 + 7.4 + 1.1 = 30 dBμV/m

[Radiated Emission Limits]

Frequency of Emission (㎒)	Field Strength	
	μV/m	dBμV/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

Type	Manufacturer	Model Name	Serial Number	Calibration Cycle	Next CAL Date
Conducted Emission					
☒ 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
Radiated Emission					
-For measurement below 1 ㎓					
☐ 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 ㎓					
☐ 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 WCDMA/HSDPA/HSUPA/DC-HSDPA and LTE B4/B7/B17 Phone with Bluetooth, WLAN, NFC, FCC ID: ZNFD803, Model: LG-D803** complies with §15.107 and §15.109 of the FCC rules.