



HCT CO., LTD.

CERTIFICATION DIVISION
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EMI CERTIFICATION REPORT

Applicant:

LG Electronics Inc.

60-39, Gasan-dong, Gumchon-gu, Seoul
153-023, Korea

Date of Issue: July 20, 2011

Test Report No.: HCTE1107FE52

Test Site: HCT CO., LTD.

HCT FRN: 0005-8664-21

FCC ID:

BEJVS920

Rule Part(s) / Standard(s) : FCC PART 15 Subpart B Class B
Equipment Type : Cellular/PCS CDMA and GSM/WCDMA and LTE Phone with
Bluetooth and WLAN
Trade Name : LG Electronics Inc
Model(s) Name : VS920, LG-VS920, LGVS920
Port / Connector(s) : USB Port / Headset Port

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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ATTACHMENT: TEST SETUP PHOTOGRAPHS

1. GENERAL INFORMATION

1.1 Product Description

Equipment Under Test (E.U.T) is **Cellular/PCS CDMA and GSM/WCDMA and LTE Phone with Bluetooth and WLAN, Model: VS920** manufactured by **LG Electronics Inc.** Its basic purpose is used for communications.

Model	VS920
Additional Model	LG-VS920, LGVS920
FCC ID	BEJVS920
E.U.T Type	Cellular/PCS CDMA and GSM/WCDMA and LTE Phone with Bluetooth and WLAN
TX Frequency	824.20 MHz to 848.80 MHz (GSM 850) 1 850.20 MHz to 1 909.80 MHz (GSM 1 900) 824.70 MHz to 848.31 MHz (CDMA 850) 1 851.25 MHz to 1 908.75 MHz (PCS CDMA) 1 852.4 MHz to 1 907.6 MHz (WCDMA 1 900) 777 MHz to 787 MHz (LTE B13)
RX Frequency	869.20 MHz to 893.80 MHz (GSM 850) 1 930.20 MHz to 1 989.80 MHz (GSM 1 900) 869.70 MHz to 893.31 MHz (CDMA 850) 1 931.25 MHz to 1 988.75 MHz (CDMA 1 900) 1 932.4 MHz to 1 987.6 MHz (WCDMA 1 900) 746 MHz to 756 MHz (LTE B13)

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 Number	FCC ID / DoC	Connected To
Cellular/PCS CDMA and GSM/WCDMA and LTE Phone with Bluetooth and WLAN	LG	VS920	BEJVS920	Notebook PC
Notebook PC	LG	X140-02	DoC	E.U.T Notebook PC adaptor
Notebook PC adaptor	DELTA (JIANG SU)	ADP-40PH AD	-	Notebook PC
Mouse	Microsoft	Intellimouse optical USB and PS/2 compatible	DoC	Notebook PC
USB cable	-	-	-	E.U.T Notebook PC Base station
Headset	-	-	-	E.U.T
Micro SD card (2 GB)	SanDisk	-	-	E.U.T
Wireless charging(cover)	-	-	-	E.U.T
Base station	LG	WCP-700	BEJWCP700	E.U.T, Base station TA
Base station TA	-	WCA-D01WT	-	Base station

1.4 Cable Description

Product Name	Port	Power Cord Shielded (Y/N)	I/O Cable Shielded (Y/N)	Length (m)
Cellular/PCS CDMA and GSM/WCDMA and LTE Phone with Bluetooth and WLAN	Headset jack	-	N	(D)1.1
	USB data	Y	Y	(P,D)1.2
	Base station TA	N	-	(P)1.5
Notebook PC	USB (Mouse)	-	Y	(D)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
Cellular/PCS CDMA and GSM/WCDMA and LTE Phone with Bluetooth and WLAN	Headset jack	N	-	Y	E.U.T End
	USB data	N	-	Y	Both End
	Base station TA	Y	E.U.T End	Y	Both End
Notebook PC	USB (Mouse)	Y	Notebook PC End	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 E.U.T distance of 3 m

1.7 Test Facility

The 10 m semi anechoic chamber used to collect the test is located at the 105-1, Jangam-Ri, Majang-Myeon, Icheon-Si, Kyoungki-Do, Republic of Korea. Those measurement facilities are constructed in conformance with the requirements of ANSI C63.4. Detailed description of test facilities was submitted to the Commission and accepted dated Sep. 03, 2010 (Registration Number: 90661)

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

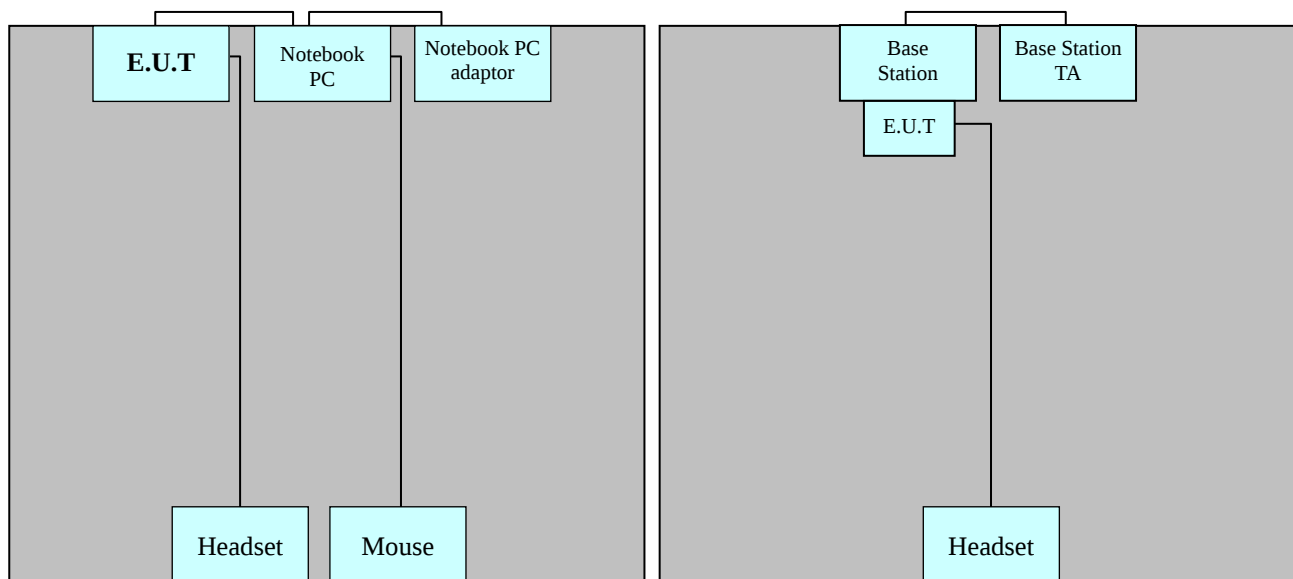
2. SYSTEM TEST CONFIGURATION

2.1 Configuration of Test System

Power Line Conducted test : E.U.T 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.

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: 110 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
 ☒ Idle mode

Configuration of Test: ☒ Standard cover
 ☒ Wireless charging cover
 ☒ Base station

3. 2 Radiated Emission Test

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

Operation Mode: ☒ Data Communication mode
 ☒ Idle mode

Configuration of Test: ☒ Standard cover
 ☒ Wireless charging cover
 ☒ Base station

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, Idle mode
Temperature	: 24.3 °C
Humidity Level	: 50.2 %
Test Date	: July 20, 2011

※ **NOTE:** Refer to page 10 to page 21 for details.

a. Data Communication Mode_Standard Cover

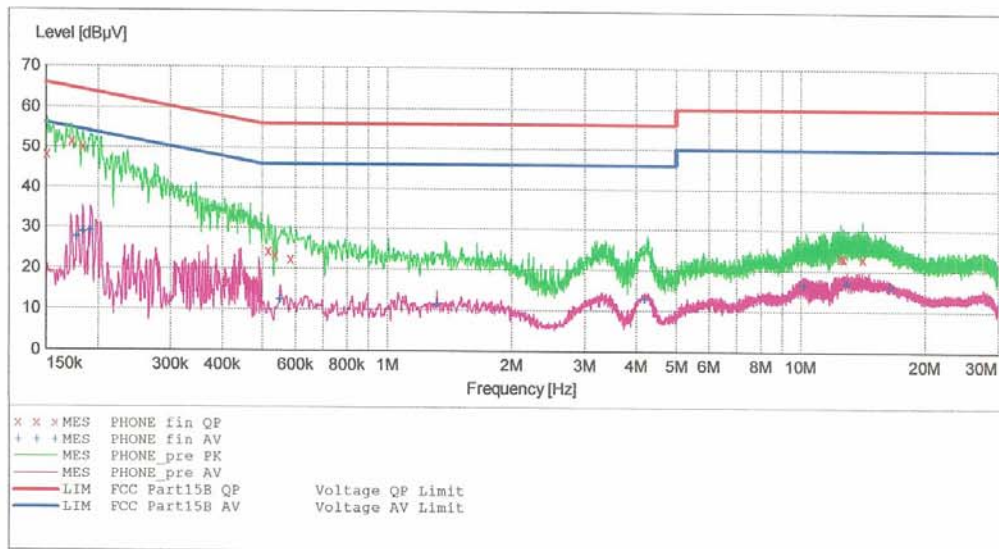
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EMC

EUT: VS920
Manufacturer: LG
Operating Condition: DATA MODE
Test Site: SHIELD ROOM
Operator: DH-RYU
Test Specification: FCC PART15 CLASS B
Comment: H (STANDARD COVER)

SCAN TABLE: "FCC PART 15 B(H)"

Short Description:			FCC PART 15 CLASS B			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency	Frequency	Width				
150.0 kHz	500.0 kHz	1.0 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
0.151010	48.30	10.1	66	17.7	---	---
0.173010	51.60	10.1	65	13.3	---	---
0.184010	50.20	10.1	64	14.1	---	---
0.516000	24.30	10.1	56	31.7	---	---
0.536000	23.50	10.1	56	32.5	---	---
0.584000	22.40	10.1	56	33.6	---	---
12.520000	23.40	11.2	60	36.6	---	---
12.708000	23.20	11.2	60	36.8	---	---
14.140000	23.10	11.3	60	36.9	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

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Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.178010	27.50	10.1	55	27.1	---	---
0.184010	28.80	10.1	54	25.5	---	---
0.192010	29.00	10.1	54	25.0	---	---
0.552000	12.30	10.1	46	33.7	---	---
1.320000	11.30	10.2	46	34.7	---	---
4.200000	12.80	10.4	46	33.2	---	---
10.168000	16.30	10.9	50	33.7	---	---
12.940000	17.00	11.2	50	33.0	---	---
16.552000	16.10	11.5	50	33.9	---	---

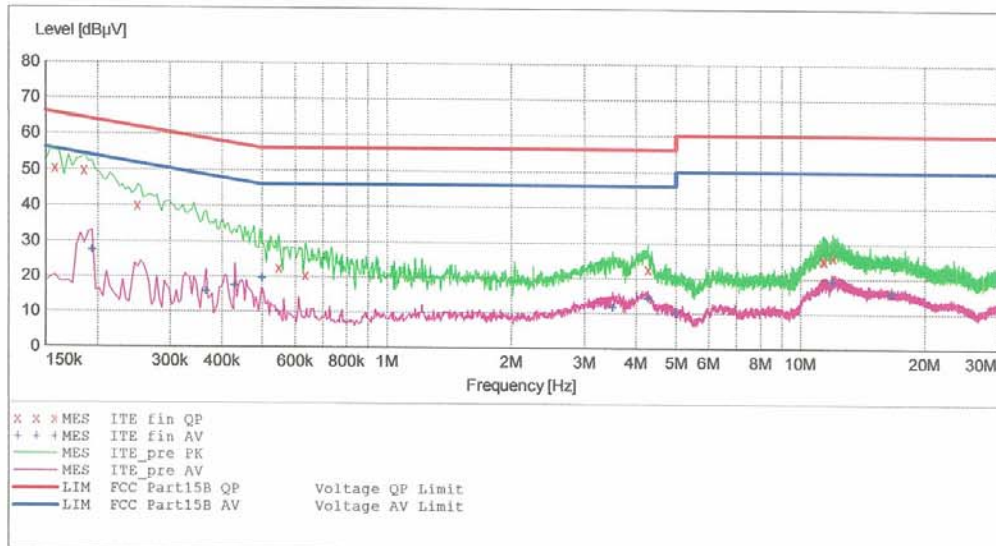
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EMC

EUT: VS920
Manufacturer: LG
Operating Condition: DATA MODE
Test Site: SHIELD ROOM
Operator: DH-RYU
Test Specification: FCC PART15 CLASS B
Comment: N (STANDARD COVER)

SCAN TABLE: "FCC PART 15 B(N)"

Short Description:			FCC PART 15 CLASS B			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency	Frequency	Width				
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: "ITE_fin QP"

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Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.158010	50.30	10.3	66	15.3	---	---
0.186010	49.80	10.3	64	14.4	---	---
0.250010	40.10	10.3	62	21.7	---	---
0.548000	22.50	10.3	56	33.5	---	---
0.636000	20.50	10.3	56	35.5	---	---
4.280000	22.60	10.6	56	33.4	---	---
11.300000	25.50	11.1	60	34.5	---	---
11.420000	25.20	11.1	60	34.8	---	---
11.996000	26.20	11.2	60	33.8	---	---

MEASUREMENT RESULT: "ITE_fin AV"

7/20/2011 9:20AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.194010	27.30	10.3	54	26.6	---	---
0.366010	15.70	10.3	49	32.9	---	---
0.430010	17.40	10.3	47	29.9	---	---
0.500000	19.70	10.3	46	26.3	---	---
3.520000	11.70	10.6	46	34.3	---	---
4.276000	14.30	10.6	46	31.7	---	---
5.000000	10.20	10.7	46	35.8	---	---
11.928000	19.20	11.2	50	30.8	---	---
16.600000	15.70	11.5	50	34.3	---	---

b. Data Communication Mode_Wireless Charging Cover

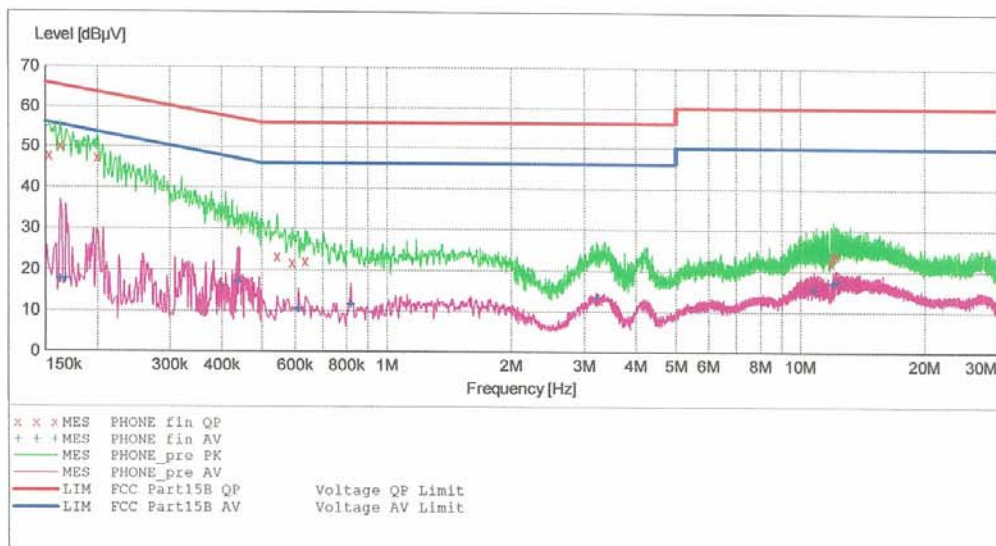
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EMC

EUT: VS920
 Manufacturer: LG
 Operating Condition: DATA MODE
 Test Site: SHIELD ROOM
 Operator: DH-RYU
 Test Specification: FCC PART15 CLASS B
 Comment: H (wireless charging cover)

SCAN TABLE: "FCC PART 15 B(H)"

Short Description:			FCC PART 15 CLASS B			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency	Frequency	Width				
150.0 kHz	500.0 kHz	1.0 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
0.153010	47.70	10.1	66	18.2	---	---
0.163010	50.10	10.1	65	15.2	---	---
0.200010	47.30	10.1	64	16.3	---	---
0.544000	23.40	10.1	56	32.6	---	---
0.592000	21.80	10.1	56	34.2	---	---
0.636000	22.20	10.1	56	33.8	---	---
11.888000	22.20	11.1	60	37.8	---	---
12.008000	23.80	11.1	60	36.2	---	---
12.196000	23.90	11.1	60	36.1	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

7/20/2011 9:31AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.163010	17.50	10.1	55	37.8	---	---
0.168010	17.70	10.1	55	37.3	---	---
0.439010	17.10	10.1	47	29.9	---	---
0.612000	10.40	10.1	46	35.6	---	---
0.820000	11.60	10.1	46	34.4	---	---
3.220000	13.30	10.3	46	32.7	---	---
10.796000	15.40	11.0	50	34.6	---	---
12.008000	16.90	11.1	50	33.1	---	---
12.256000	17.50	11.1	50	32.5	---	---

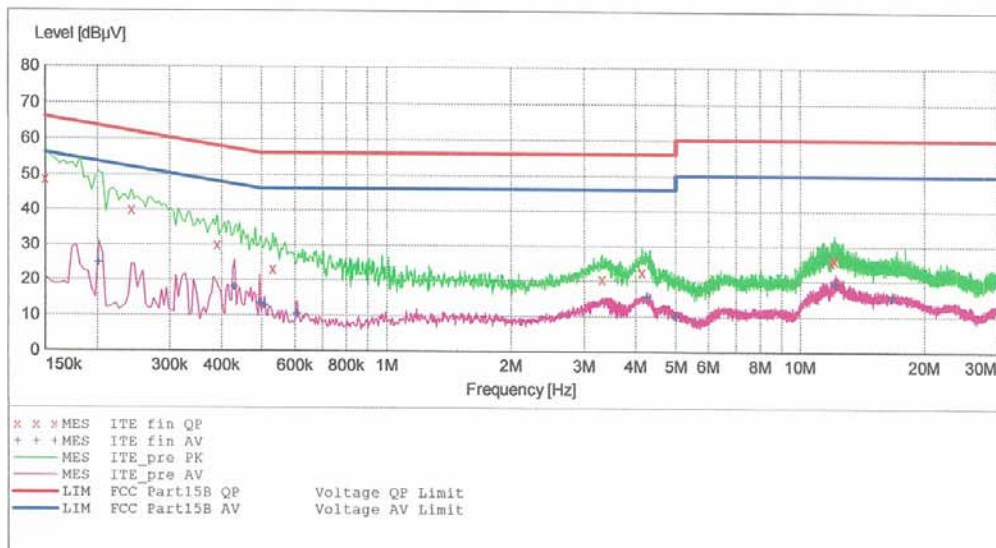
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EMC

EUT: VS920
Manufacturer: LG
Operating Condition: DATA MODE
Test Site: SHIELD ROOM
Operator: DH-RYU
Test Specification: FCC PART15 CLASS B
Comment: N (wireless charging cover)

SCAN TABLE: "FCC PART 15 B(N)"

Short Description:			FCC PART 15 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: "ITE_fin QP"

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Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.150010	48.60	10.3	66	17.4	---	---
0.242010	40.00	10.3	62	22.1	---	---
0.390010	29.90	10.3	58	28.1	---	---
0.532000	23.20	10.3	56	32.8	---	---
3.328000	20.50	10.5	56	35.5	---	---
4.156000	22.50	10.6	56	33.5	---	---
11.928000	25.50	11.2	60	34.5	---	---
12.056000	26.30	11.2	60	33.7	---	---
12.124000	26.10	11.2	60	33.9	---	---

MEASUREMENT RESULT: "ITE_fin AV"

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Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.202010	24.70	10.3	54	28.8	---	---
0.430010	17.90	10.3	47	29.3	---	---
0.494010	13.40	10.3	46	32.7	---	---
0.508000	12.80	10.3	46	33.2	---	---
0.608000	10.30	10.3	46	35.7	---	---
4.268000	15.50	10.6	46	30.5	---	---
5.000000	10.10	10.7	46	35.9	---	---
12.176000	19.20	11.2	50	30.8	---	---
16.708000	15.30	11.5	50	34.7	---	---

c. Idle Mode

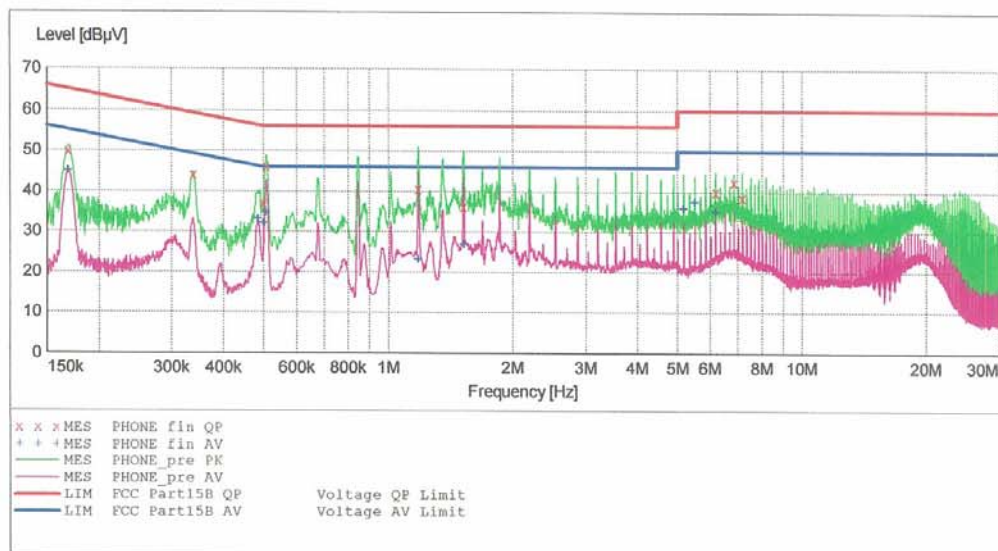
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EMC

EUT: VS920
Manufacturer: LG
Operating Condition: IDLE MODE
Test Site: SHIELD ROOM
Operator: DH-RYU
Test Specification: FCC PART15 CLASS B
Comment: H (BASE STATION)

SCAN TABLE: "FCC PART 15 B(H)"

Short Description: FCC PART 15 CLASS B						
Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	500.0 kHz	1.0 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
0.169010	49.90	10.1	65	15.1	---	---
0.338010	44.00	10.1	59	15.2	---	---
0.500000	37.10	10.1	56	18.9	---	---
0.508000	46.20	10.1	56	9.8	---	---
1.184000	40.60	10.2	56	15.4	---	---
1.524000	36.30	10.2	56	19.7	---	---
6.192000	40.10	10.7	60	19.9	---	---
6.864000	42.50	10.8	60	17.5	---	---
7.196000	38.70	10.8	60	21.3	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

7/20/2011 10:55AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.169010	45.00	10.1	55	10.0	---	---
0.484010	33.10	10.1	46	13.2	---	---
0.500000	32.10	10.1	46	13.9	---	---
0.508000	34.60	10.1	46	11.4	---	---
1.184000	23.20	10.2	46	22.8	---	---
1.524000	26.80	10.2	46	19.2	---	---
5.188000	36.00	10.5	50	14.0	---	---
5.524000	37.60	10.6	50	12.4	---	---
6.192000	35.10	10.7	50	14.9	---	---

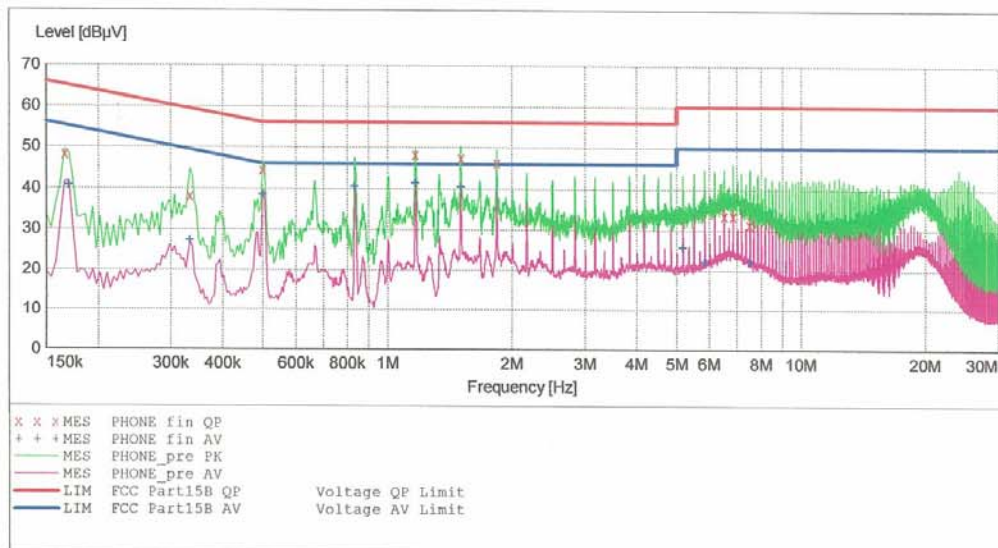
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EMC

EUT: VS920
Manufacturer: LG
Operating Condition: IDLE MODE
Test Site: SHIELD ROOM
Operator: DH-RYU
Test Specification: FCC PART15 CLASS B
Comment: N (BASE STATION)

SCAN TABLE: "FCC PART 15 B(N)"

Short Description:			FCC PART 15 CLASS B			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency	Frequency	Width				
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
0.166010	48.30	10.3	65	16.9	---	---
0.334010	38.20	10.3	59	21.1	---	---
0.500000	44.50	10.3	56	11.5	---	---
1.172000	48.20	10.4	56	7.8	---	---
1.508000	47.50	10.4	56	8.5	---	---
1.840000	46.40	10.4	56	9.6	---	---
6.524000	33.60	10.9	60	26.4	---	---
6.860000	33.60	10.9	60	26.4	---	---
7.528000	31.50	11.0	60	28.5	---	---

MEASUREMENT RESULT: "PHONE_fin AV"

7/20/2011 10:58AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.170010	40.60	10.3	55	14.4	---	---
0.334010	27.30	10.3	49	22.1	---	---
0.500000	38.40	10.3	46	7.6	---	---
0.836000	40.40	10.4	46	5.6	---	---
1.172000	41.30	10.4	46	4.7	---	---
1.508000	40.50	10.4	46	5.5	---	---
5.188000	25.70	10.7	50	24.3	---	---
5.856000	22.20	10.8	50	27.8	---	---
7.528000	22.20	11.0	50	27.8	---	---

4.2 Radiated Emission Test

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

Limit Apply to : FCC PART 15 Subpart B Class B

-For measurement below 1 GHz

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

Operation Mode : Data Communication mode (Standard Cover)

-For measurement above 1 GHz

Setting : Peak mode: Detector- Peak(RBW: 1 MHz / VBW: 1 MHz)

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

Temperature : 24.1 °C

Humidity Level : 48.7 %

Test Date : July 19, 2011

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)			
51.0	9.84	V	1.0	11.96	1.20	40.0	23.0	17.0
138.4	17.31	V	1.0	12.46	2.03	43.5	31.8	11.7
240.0	21.08	H	1.0	11.32	2.70	46.0	35.1	10.9
344.9	14.91	H	1.0	14.42	3.27	46.0	32.6	13.4
629.0	11.54	H	1.0	20.43	4.52	46.0	36.5	9.5
719.8	11.37	H	3.0	21.48	4.85	46.0	37.7	8.3

Limit Apply to : FCC PART 15 Subpart B Class B

-For measurement below 1 GHz

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

Operation Mode : Idle mode

-For measurement above 1 GHz

Setting : Peak mode: Detector- Peak(RBW: 1 MHz / VBW: 1 MHz)

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

Temperature : 24.1 °C

Humidity Level : 48.7 %

Test Date : July 19, 2011

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)			
33.8	17.22	V	1.0	11.11	0.97	40.0	29.3	10.7
83.6	16.46	V	1.5	8.29	1.55	40.0	26.3	13.7
133.8	15.64	V	1.0	12.17	1.99	43.5	29.8	13.7
172.7	25.19	H	1.5	12.04	2.27	43.5	39.5	4.0
188.8	26.19	H	1.3	10.53	2.38	43.5	39.1	4.4
317.0	10.37	H	1.0	13.80	3.14	46.0	27.3	18.7

※ **NOTE:**

1. Measurement above 1 GHz was performed from 1 GHz to the 5th harmonic of highest fundamental frequency. The highest fundamental frequency is GSM 1 900 center frequency.
2. For measurement above 1 GHz, Emission noise was not founded over the ambient noise.

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 Number</u>	<u>Serial Number</u>	<u>Next CAL Date</u>
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Conducted Emission

☒ EMI Test Receiver	Rohde & Schwarz	ESCI	100033	2012.02.15
☒ LISN	Rohde & Schwarz	ESH3-Z5	100282	2012.02.01
☐ LISN	Rohde & Schwarz	ENV216	100073	2012.04.01
☒ Attenuator	Rohde & Schwarz	ESH3-Z2	357.8810.352	2011.10.25

Radiated Emission

☐ EMI Test Receiver	Rohde & Schwarz	ESI40	831564103	2011.10.29
☒ EMI Test Receiver	Rohde & Schwarz	ESU26	100241	2011.09.01
☒ Trilog Antenna	Schwarzbeck	VULB9160	3125	2013.05.03
☒ Antenna master	INNCO Systems	MA4000-EP	MA4000/283	-
☒ Turn Table	INNCO Systems	DT3000-3T	DT3000/69	-
☐ Communication Antenna	Schwarzbeck	USLP9142	9142-248	-
☒ Horn Antenna	Schwarzbeck	BBHA 9120D	-	2012.04.13
☒ Power Amplifier	Rohde & Schwarz	SCU-18	10094	2011.09.29
☐ Base Station	Rohde & Schwarz	CMU 200	1100000802	2012.02.16

7. CONCLUSION

The data collected shows that the **Cellular/PCS CDMA and GSM/WCDMA and LTE Phone with Bluetooth and WLAN, Model: VS920, FCC ID: BEJVS920** complies with §15.107 and §15.109 of the FCC rules.