PCTEST ENGINEERING LABORATORY, INC.



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MEASUREMENT REPORT FCC Part 90

Applicant:

LG Electronics MobileComm U.S.A 1000 Sylvan Avenue Englewood Cliffs, NJ 07632 **United States**

Date of Testing: 12/3 - 12/17/2014 Test Site/Location: PCTEST Lab., Columbia, MD, USA **Test Report Serial No.:** 0Y1412012174.ZNF

FCC ID: ZNFLS996

APPLICANT: LG ELECTRONICS MOBILECOMM U.S.A

Applicant Type: Class II Permissive Change

FCC Classification: PCS Licensed Transmitter Held to Ear (PCE)

FCC Rule Part: §90.691

EUT Type: Portable Handset

Model(s): LS996, LGLS996, LG-LS996

Test Device Serial No.: identical prototype [S/N: RF#1]

Class II Permissive Change: See FCC change document

Original Grant Date: 11/26/2014

| | | Cond. PWR | | | |
|----------------|-----------------------|----------------------|------------------------|--|--|
| Mode | Tx Frequency (MHz) | Max. Power (W) | Max. Power (dBm) | | |
| CDMA800 (BC10) | 817.9 - 823.1 | 0.254 | 24.04 | | |
| LTE Band 26 | 814.7 - 823 | 0.252 | 24.02 | | |
| LTE Band 26 | 814.7 - 823 | 0.203 | 23.08 | | |
| LTE Band 26 | 815.5 - 822.5 | 0.261 | 24.16 | | |
| LTE Band 26 | 815.5 - 822.5 | 0.199 | 22.99 | | |
| LTE Band 26 | 816.5 - 821.5 | 0.252 | 24.01 | | |
| LTE Band 26 | 816.5 - 821.5 | 0.203 | 23.08 | | |
| LTE Band 26 | 819 | 0.261 | 24.16 | | |
| LTE Band 26 | 819 | 0.203 | 23.07 | | |

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in §2.947. Test results reported herein relate only to the item(s) tested.

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.







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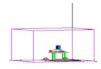


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MEASUREMENT REPORT LTE Band 26, BC10 CDMA



§2.1033 General Information

APPLICANT: LG Electronics MobileComm U.S.A

APPLICANT ADDRESS: 1000 Sylvan Avenue

Englewood Cliffs, NJ 07632, United States

TEST SITE: PCTEST ENGINEERING LABORATORY, INC. **TEST SITE ADDRESS:** 7185 Oakland Mills Road, Columbia, MD 21045 USA

LS996 **BASE MODEL:**

FCC CLASSIFICATION: PCS Licensed Transmitter Held to Ear (PCE)

MODE: LTE, CDMA

FREQUENCY TOLERANCE: ±0.00025 % (2.5 ppm)

☐ Production ☐ Pre-Production **Test Device Serial No.:** RF#1 Engineering

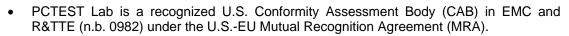
DATE(S) OF TEST: 12/3 - 12/17/2014 **TEST REPORT S/N:** 0Y1412012174.ZNF

Test Facility / Accreditations

Measurements were performed at PCTEST Engineering Lab. located in Columbia, MD 21045, U.S.A.



- PCTEST facility is an FCC registered (PCTEST Reg. No. 159966) test facility with the site description report on file and has met all the requirements specified in Section 2.948 of the FCC Rules.
- PCTEST Lab is accredited to ISO 17025 by U.S. National Institute of Standards and Technology (NIST) under the National Voluntary Laboratory Accreditation Program (NVLAP Lab code: 100431-0) in EMC, FCC and Telecommunications.
- PCTEST Lab is accredited to ISO 17025-2005 by the American Association for Laboratory Accreditation (A2LA) in Specific Absorption Rate (SAR) testing, Hearing Aid Compatibility (HAC) testing, CTIA Test Plans, and wireless testing for FCC.





PCTEST is a CTIA Authorized Test Laboratory (CATL) for AMPS, CDMA, and EvDO wireless devices and for Over-the-Air (OTA) Antenna Performance testing for AMPS. CDMA, GSM, GPRS, EGPRS, UMTS (W-CDMA), CDMA 1xEVDO, and CDMA 1xRTT.



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INTRODUCTION

1.1 Scope

Measurement and determination of electromagnetic emissions (EME) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Industry Canada Certification and Engineering Bureau.

Testing Facility 1.2

The map below shows the location of the PCTEST LABORATORY, its proximity to the FCC Laboratory, the Columbia vicinity, the Baltimore-Washington Internt'i (BWI) airport, the city of Baltimore and the Washington, DC area. (See Figure 1-1).

These measurement tests were conducted at the PCTEST Engineering Laboratory, Inc. facility located at 7185 Oakland Mills Road, Columbia, MD 21046. The site coordinates are 39₀ 10'23" N latitude and 76₀ 49'50" W longitude. The facility is 0.4 miles North of the FCC laboratory, and the ambient signal and ambient signal strength are approximately equal to those of the FCC laboratory. The detailed description of the measurement facility was found to be in compliance with the requirements of § 2.948 according to ANSI C63.4-2003 on February 15, 2012.

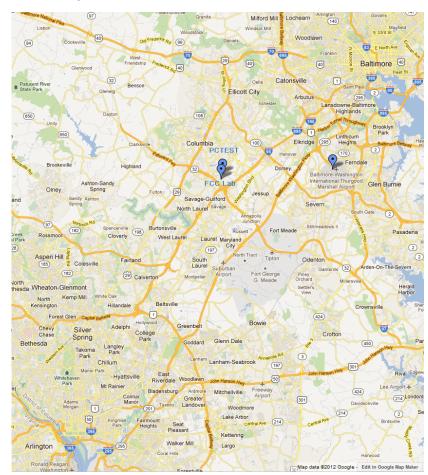


Figure 1-1. Map of the Greater Baltimore and Metropolitan Washington, D.C. area

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2.0 PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test (EUT) is the **LG Electronics MobileComm U.S.A Portable Handset FCC ID: ZNFLS996**. The EUT consisted of the following component(s):

| Trade Name / Base Model | FCC ID | Description |
|---|----------|------------------|
| LG Electronics MobileComm U.S.A / Model: LS996 | ZNFLS996 | Portable Handset |

Table 2-1. EUT Equipment Description

Note: All data contained in this report is applicable for the device operation in the LTE Band 26 (814 – 824MHz) and BC10 (817 – 824 MHz). Test data shown supports the devices compliance with §90.691 of the FCC Rules and Regulation.

2.2 Device Capabilities

This device contains the following capabilities:

850/1900 CDMA/EvDO Rev0/A, 1x Advanced (BC0, BC1, BC10), 850/1900 GSM/GPRS/EDGE, 850/1900 WCDMA/HSPA, Multi-band LTE, 802.11b/g/n WLAN, 802.11a/n/ac UNII, Bluetooth (1x, EDR, LE), NFC

2.3 EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and no modifications were made during testing.

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3.0 DESCRIPTION OF TESTS

3.1 Evaluation Procedure

The measurement procedures described in the "Land Mobile FM or PM – Communications Equipment Measurements and Performance Standards" (ANSI/TIA-603-C-2004) was used in the measurement of the LG Electronics MobileComm U.S.A Portable Handset FCC ID: ZNFLS996.

3.2 Occupied Bandwidth §2.1049

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured. The spectrum analyzers' "occupied bandwidth" measurement function was used to record the occupied bandwidth in accordance with KDB 971168.

3.3 Spurious and Harmonic Emissions at Antenna Terminal §2.1051, §90.691

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic.

Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 $\log_{10}(f/6.1)$ decibels or 50 + 10 $\log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10\text{Log}_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

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3.4 Radiated Power and Radiated Spurious Emissions §2.1053, §90.635, §90.691

The radiated test facilities consisted of an indoor 3 meter semi-anechoic chamber used for final measurements and exploratory measurements, when necessary. The measurement area is contained within the semi-anechoic chamber which is shielded from any ambient interference. The test site inside the chamber is a 6m x 5.2m elliptical, obstruction-free area in accordance with Clause 5, Figure 5.7 of ANSI C63.4-2009. For measurements above 1GHz absorbers are arranged on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections. For measurements below 1GHz, the absorbers are removed. An ETS Lindgren Model 2188 raised turntable is used for radiated measurement. It is a continuously rotatable, remote-controlled, metallic turntable and 2 meters (6.56 ft.) in diameter. The turn table is flush with the raised floor of the chamber in order to maintain its function as a ground plane. A 78cm high PVC support structure is placed on top of the turntable. A 3/4" (~1.9cm) sheet of high density polyethylene is used as the table top and is placed on top of the PVC supports to bring the total height of the table to 80cm.

The equipment under test was transmitting while connected to its integral antenna and is placed on a wooden turntable 80cm above the ground plane and 3 meters from the receive antenna. The receive antenna height is adjusted between 1 and 4 meter height, the turntable is rotated through 360 degrees, and the EUT is manipulated through all orthogonal planes representative of its typical use to achieve the highest reading on the receive spectrum analyzer. Radiated power levels are also investigated with the receive antenna horizontally and vertically polarized. The maximized power level is recorded using the spectrum analyzer "Channel Power" function with the integration band set to the emissions' occupied bandwidth, a RMS detector, RBW = 100kHz, VBW = 300kHz, and a 1 second sweep time over a minimum of 10 sweeps, per the guidelines of KDB 971168.

Per the guidance of ANSI/TIA-603-C-2004, a half-wave dipole is then substituted in place of the EUT. For emissions above 1GHz, a horn antenna is substituted in place of the EUT. The substitute antenna is driven by a signal generator with the level of the signal generator being adjusted to obtain the same receive spectrum analyzer level previously recorded from the spurious emission from the EUT. The power of the emission is calculated using the following formula:

$$P_{d [dBm]} = P_{g [dBm]} - cable loss_{[dB]} + antenna gain_{[dBd/dBi]}$$

Where, P_d is the dipole equivalent power, P_g is the generator output into the substitution antenna, and the antenna gain is the gain of the substitute antenna used relative to either a half-wave dipole (dBd) or an isotropic source (dBi). The substitute level is equal to $P_{g [dBm]}$ – cable loss [dB].

The calculated P_d levels are then compared to the absolute spurious emission limit of -13dBm which is equivalent to the required minimum attenuation of 43 + 10log₁₀(Power [Watts]) specified in 90.691.

For fundamental radiated power measurements, the guidance of KDB 971168 is used to record the EUT power level that is subsequently matched via the aforementioned substitution method given in ANSI/TIA-603-C-2004.

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TEST EQUIPMENT CALIBRATION DATA

Test Equipment Calibration is traceable to the National Institute of Standards and Technology (NIST).

| Manufacturer | Model | Description | Cal Date | Cal Interval | Cal Due | Serial Number |
|-----------------|-------------------|----------------------------------|------------|--------------|------------|---------------|
| - | RE3 | Radiated Emissions Cable Set | 7/7/2014 | Annual | 7/7/2015 | N/A |
| Agilent | 8447D | Broadband Amplifier | 5/30/2014 | Annual | 5/30/2015 | 2443A01900 |
| Anritsu | MT8820C | Radio Communication Analyzer | 8/28/2014 | Annual | 8/28/2015 | 6201240328 |
| Com-Power | AL-130 | 9kHz - 30MHz Loop Antenna | 6/26/2013 | Biennial | 6/26/2015 | 121034 |
| ETS Lindgren | 3117 | 1-18 GHz DRG Horn (Medium) | 4/8/2014 | Biennial | 4/8/2016 | 125518 |
| ETS Lindgren | 3160-09 | 18-26.5 GHz Standard Gain Horn | 6/17/2014 | Biennial | 6/17/2016 | 135427 |
| ETS Lindgren | 3164-08 | Quad Ridge Horn Antenna | 3/12/2014 | Biennial | 3/12/2016 | 128337 |
| K & L | 13SH10-1000/U1000 | N Type High Pass Filter | 12/1/2014 | Annual | 12/1/2015 | 2 |
| Mini-Circuits | SSG-4000HP | USB Synthesized Signal Generator | | N/A | | 11208010032 |
| Mini-Circuits | PWR-SENS-4RMS | USB Power Sensor | 4/17/2014 | Annual | 4/17/2015 | 11210140001 |
| Mini-Circuits | TVA-11-422 | RF Power Amp | | N/A | | QA1303002 |
| Rhode & Schwarz | TS-PR18 | Pre-Amplifier | 6/12/2014 | Annual | 6/12/2015 | 101622 |
| Rohde & Schwarz | ESU40 | EMI Test Receiver (40GHz) | 5/21/2014 | Annual | 5/21/2015 | 100348 |
| Schwarzbeck | UHA 9105 | Dipole Antenna (400 - 1GHz) Rx | 11/21/2013 | Biennial | 11/21/2015 | 9105-2404 |
| Schwarzbeck | UHA 9105 | Dipole Antenna (400 - 1GHz) Tx | 11/21/2013 | Biennial | 11/21/2015 | 9105-2403 |
| Seekonk | NC-100 | Torque Wrench 5/16", 8" lbs | 3/18/2014 | Biennial | 3/18/2016 | N/A |
| Sunol | JB5 | Bi-Log Antenna (30M - 5GHz) | 1/28/2014 | Biennial | 1/28/2016 | A051107 |
| VWR | 62344-734 | Thermometer with Clock | 2/20/2014 | Biennial | 2/20/2016 | 140140336 |

Table 4-1. Test Equipment

Note:

1. Equipment with a calibration date of "N/A" shown in this list was not used to make direct calibrated measurements.

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SAMPLE CALCULATIONS

Emission Designator

Emission Designator = 8M62G7D

QPSK Modulation LTE BW = 8.62 MHzG = Phase Modulation 7 = Quantized/Digital Info D = Data transmission, telemetry, telecommand

Emission Designator = 8M45W7D

16QAM Modulation LTE BW = 8.45 MHzW = Amplitude/Angle Modulated 7 = Quantized/Digital Info D = Data transmission, telemetry, telecommand

Emission Designator = 1M25F9W

CDMA BW = 1.25 MHz F = Frequency Modulation 9 = Composite Digital Info W = Combination (Audio/Data) (Measured at the 99.75% power bandwidth)

Spurious Radiated Emission – LTE Band

Example: Middle Channel LTE Mode 2nd Harmonic (1564 MHz)

The average spectrum analyzer reading at 3 meters with the EUT on the turntable was -81.0 dBm. The gain of the substituted antenna is 8.1 dBi. The signal generator connected to the substituted antenna terminals is adjusted to produce a reading of -81.0 dBm on the spectrum analyzer. The loss of the cable between the signal generator and the terminals of the substituted antenna is 2.0 dB at 1564 MHz. So 6.1 dB is added to the signal generator reading of -30.9 dBm yielding -24.80 dBm. The fundamental EIRP was 25.501 dBm so this harmonic was 25.501 dBm – (-24.80)

Spurious Radiated Emission – BC10

Example: Channel 476 CDMA BC10 Mode 3rd Harmonic (2453.70MHz)

The average spectrum analzyer reading at 3 meters with the EUT on the turntable was -81.0 dBm. The gain of the substituted antenna is 8.1 dBi. The signal generator connected to the substituted antenna terminals is adjusted to produce a reading of -81.0 dBm on the spectrum analzyer. The loss of the cable between the signal generator and the terminals of the substituted antenna is 2.0 dB at 2453.70 MHz. So 6.1 dB is added to the signal generator reading of -30.9 dBm yielding -24.80 dBm. The fundamental EIRP was 25.501 dBm so this harmonic was 25.501 dBm – (-24.80) = 50.3 dBc.

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6.0 TEST RESULTS

6.1 Summary

Company Name: <u>LG Electronics MobileComm U.S.A</u>

FCC ID: ZNFLS996

FCC Classification: PCS Licensed Transmitter Held to Ear (PCE)

Mode(s): CDMA / EvDO / LTE

Band: Band Class 10 / Band 26

| FCC Part Section(s) | Test Description | Test Limit | Test Condition | Test Result | Reference |
|------------------------|-----------------------|---|-------------------|----------------|--------------|
| §2.1053, §90.691 | Undesirable Emissions | > 43 + 10log ₁₀ (P[Watts]) for all out-of-band emissions | RADIATED | PASS | Sections 6.2 |

Table 6-1. Summary of Test Results

Notes:

1) All modes of operation and data rates were investigated. The test results shown in the following sections represent the worst case emissions.

| FCC ID: ZNFLS996 | INCIDENTIAL LABORATORY, INC. | Part 90 CDMA / EvDO / LTE MEASUREMENT REPORT (CLASS II PERMISSIVE Change) | | Reviewed by: Quality Manager |
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6.2 Radiated Spurious Emissions Measurements §2.1053, §90.691

Field Strength of SPURIOUS Radiation for LTE Band 26

OPERATING FREQUENCY: 815.50 MHz

CHANNEL: 26705

MEASURED OUTPUT POWER: 24.16 dBm = 0.261 W

MODULATION SIGNAL: QPSK

BANDWIDTH: 3.0 MHz

DISTANCE: 3 meters

LIMIT: $43 + 10 \log_{10} (W)$ -13.00 dBm

| Frequency [MHz] | Level at Antenna Terminals [dRm] | Substitute Antenna Gain [dBd] | Spurious Emission Level [dBm] | Ant. Pol. [H/V] | EUT Pol. [H/H2/V] | Margin [dB] |
|--------------------|---|-------------------------------------|-------------------------------------|-----------------|----------------------|----------------|
| 1631.00 | -58.85 | 3.66 | -55.19 | V | V | -42.2 |
| 2446.50 | -56.48 | 3.56 | -52.92 | V | V | -39.9 |
| 3262.00 | -59.10 | 5.56 | -53.54 | V | V | -40.5 |

Table 6-2. Radiated Spurious Data (Ch. 26697)

- 1. For LTE mode, the device was tested under all modulations, RB sizes and offsets, and channel bandwidth configurations and the worst case emissions are reported with 1 RB.
- 2. This unit was tested with its standard battery.
- 3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case setup is reported in the tables below.

| FCC ID: ZNFLS996 | PCTEST SASSIBLE SASSI | Part 90 CDMA / EvDO / LTE MEASUREMENT REPORT (CLASS II PERMISSIVE Change) | | Reviewed by: Quality Manager |
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Radiated Spurious Emissions Measurements §2.1053, §90.691

Field Strength of SPURIOUS Radiation for LTE Band 26

OPERATING FREQUENCY: 822.50 MHz

CHANNEL: _____ 26775

MEASURED OUTPUT POWER: 23.94 dBm = 0.248 W

MODULATION SIGNAL: QPSK

BANDWIDTH: 3.0 MHz

DISTANCE: 3 meters

LIMIT: $43 + 10 \log_{10} (W)$ -13.00 dBm

| Frequency [MHz] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBd] | Spurious Emission Level [dBm] | Ant. Pol. [H/V] | EUT Pol. [H/H2/V] | Margin [dB] |
|--------------------|---|-------------------------------------|-------------------------------------|-----------------|----------------------|----------------|
| 1645.00 | -61.08 | 3.61 | -57.48 | V | V | -44.5 |
| 2467.50 | -58.87 | 3.54 | -55.33 | V | V | -42.3 |
| 3290.00 | -60.41 | 5.62 | -54.79 | V | V | -41.8 |

Table 6-3. Radiated Spurious Data (Ch. 26783)

- 1. For LTE mode, the device was tested under all modulations, RB sizes and offsets, and channel bandwidth configurations and the worst case emissions are reported with 1 RB.
- 2. This unit was tested with its standard battery.
- 3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case setup is reported in the tables below.

| FCC ID: ZNFLS996 | PCTEST* | Part 90 CDMA / EvDO / LTE MEASUREMENT REPORT (CLASS II PERMISSIVE Change) | | Reviewed by: Quality Manager |
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Radiated Spurious Emissions Measurements §2.1053, §90.691

Field Strength of SPURIOUS Radiation for CDMA BC10

OPERATING FREQUENCY: 817.90 MHz

CHANNEL: 476

MEASURED OUTPUT POWER: 24.02 dBm = 0.252 W

MODULATION SIGNAL: CDMA

DISTANCE: 3 meters

LIMIT: $43 + 10 \log_{10} (W)$ -13.00 dBm

| Frequency [MHz] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBd] | Spurious Emission Level [dBm] | Ant. Pol. [H/V] | Margin [dB] |
|--------------------|-----------------------------------|-------------------------------------|-------------------------------------|-----------------|----------------|
| 1635.80 | -60.51 | 3.64 | -56.86 | V | -43.9 |
| 2453.70 | -56.00 | 3.55 | -52.44 | V | -39.4 |
| 3271.60 | -58.49 | 5.58 | -52.91 | V | -39.9 |

Table 6-4. Radiated Spurious Data (Ch. 476)

- 1. For CDMA mode, this device was tested under all R.C.s and S.O.s and the worst case is reported with RC3/SO55 with "All Up" power control bits.
- 2. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case setup is reported in the tables above.

| FCC ID: ZNFLS996 | PCTEST* | Part 90 CDMA / EvDO / LTE MEASUREMENT REPORT (CLASS II PERMISSIVE Change) | | Reviewed by: Quality Manager |
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Radiated Spurious Emissions Measurements §2.1053, §90.691

Field Strength of SPURIOUS Radiation for CDMA BC10

OPERATING FREQUENCY: 823.10 MHz

CHANNEL: 684

MEASURED OUTPUT POWER: 24.04 dBm = 0.254 W

MODULATION SIGNAL: CDMA

DISTANCE: 3 meters

LIMIT: $43 + 10 \log_{10} (W)$ -13.00 dBm

| Frequency [MHz] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBd] | Spurious Emission Level [dBm] | Ant. Pol. [H/V] | Margin [dB] |
|--------------------|-----------------------------------|-------------------------------------|-------------------------------------|-----------------|----------------|
| 1646.20 | -57.47 | 3.60 | -53.87 | V | -40.9 |
| 2469.30 | -56.63 | 3.54 | -53.09 | V | -40.1 |
| 3292.40 | -59.11 | 5.62 | -53.49 | V | -40.5 |

Table 6-5. Radiated Spurious Data (Ch. 684)

- 1. For CDMA mode, this device was tested under all R.C.s and S.O.s and the worst case is reported with RC3/SO55 with "All Up" power control bits.
- 2. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case setup is reported in the tables above.

| FCC ID: ZNFLS996 | PCTEST* | Part 90 CDMA / EvDO / LTE MEASUREMENT REPORT (CLASS II PERMISSIVE Change) | | Reviewed by: Quality Manager |
|------------------|-------------------|---|--|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 14 of 15 |
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CONCLUSION 7.0

The data collected relate only to the item(s) tested and show that the LG Electronics MobileComm U.S.A Portable Handset FCC ID: ZNFLS996 complies with all the requirements of Parts 90 of the FCC rules.

| FCC ID: ZNFLS996 | INCIDENTIAL DELL'AND AND AND AND AND AND AND AND AND AND | Part 90 CDMA / EvDO / LTE MEASUREMENT REPORT (CLASS II PERMISSIVE Change) | | Reviewed by: Quality Manager |
|------------------|--|---|--|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dags 15 of 15 |
| 0Y1412012174.ZNF | 12/3 - 12/17/2014 | Portable Handset | | Page 15 of 15 |