**FCC 47 CFR PART 15 SUBPART C**

**CERTIFICATION TEST C2PC REPORT**

**FOR**

**GSM850~1900 + WCDMA 850~1900 + LTE SMART PHONE with BLUETOOTH + BLE and WLAN 2.4GHz**

**MODEL NUMBER: LGMS659, LG-MS659, MS659, LG-P659, LGP659, P659**

**FCC ID: ZNFMS659**

**REPORT NUMBER: 13U14990-4**

**ISSUE DATE: May 16, 2013**

*Prepared for*
**LG ELECTRONICS MOBILECOMM U.S.A., INC.**
**1000 SYLVAN AVENUE**
**ENGLEWOOD CLIFFS, NEW JERSEY 07632**

*Prepared by*
**UL VERIFICATION SERVICES**
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NVLAP LAB CODE 200065-0

## Revision History

| Rev. | Issue Date | Revisions | Revised By |
|---|---|---|---|
| -- | 05/16/13 | Initial Issue | P. Kim |

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# 1. ATTESTATION OF TEST RESULTS

| | |
|---|---|
| **COMPANY NAME:** | LG ELECTRONICS MOBILECOMM U.S.A., INC.<br>1000 SYLVAN AVENUE<br>ENGLEWOOD CLIFFS, NEW JERSEY 07632 |
| **EUT DESCRIPTION:** | GSM850~1900 + WCDMA 850~1900 + LTE SMART PHONE with BLUETOOTH + BLE and WLAN 2.4GHz |
| **MODEL:** | LGMS659, LG-MS659, MS659, LG-P659, LGP659, P659 |
| **SERIAL NUMBER:** | 302KPTM334913 |
| **DATE TESTED:** | May 15 – 16, 2013 |

| APPLICABLE STANDARDS | |
|---|---|
| **STANDARD** | **TEST RESULTS** |
| CFR 47 Part 15 Subpart C | Pass |

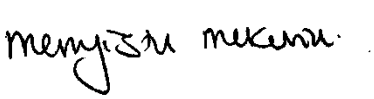
UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL Verification Services Inc. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

**Note:** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Approved & Released For
UL Verification Services Inc. By:

PHILIP KIM
WiSE PROGRAM MANAGER
UL Verification Services Inc.

Tested By:



MENGISTU MEKURIA
WiSE EMC ENGINEER
UL Verification Services Inc.

# 2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with FCC CFR 47 Part 2, FCC CFR 47 Part 15, ANSI C63.10-2009, RSS-GEN Issue 3, and RSS-210 Issue 8.

# 3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 Benicia Street, Fremont, California, USA.

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at http://www.ccsemc.com.

# 4. CALIBRATION AND UNCERTAINTY

## 4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

## 4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)

36.5 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 dBuV/m

## 4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

| PARAMETER | UNCERTAINTY |
|---|---|
| Conducted Disturbance, 0.15 to 30 MHz | 3.52 dB |
| Radiated Disturbance, 30 to 1000 MHz | 4.94 dB |

Uncertainty figures are valid to a confidence level of 95%.

# 5. EQUIPMENT UNDER TEST

## 5.1. DESCRIPTION OF EUT

The EUT is an LTE Phone with Bluetooth and WLAN capability that is manufactured by LG Electronics.

## 5.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum conducted output power as follows:

| Frequency Range (MHz) | Mode | Output Power (dBm) | Output Power (mW) |
|---|---|---|---|
| 2402 - 2480 | BT LE | 6.40 | 4.37 |

## 5.3. DESCRIPTION OF AVAILABLE ANTENNAS

The radio utilizes an INTEGRATED antenna, with a maximum gain of -0.5 dBi.

## 5.4. SOFTWARE AND FIRMWARE

The test utility software used during testing was MS659_LAP8930JR130425.

## 5.5. WORST-CASE CONFIGURATION AND MODE

Radiated emission and power line conducted emission were performed with the EUT set to transmit at the channel with highest output power as worst-case scenario.

The fundamental of the EUT was investigated in three orthogonal orientations X,Y,Z, it was determined that Y orientation was worst-case orientation; therefore, all final radiated testing was performed with the EUT in Y orientation with AC adapter.

## 5.6. DESCRIPTION OF TEST SETUP

**SUPPORT EQUIPMENT**

| Support Equipment List | | | | |
|---|---|---|---|---|
| **Description** | **Manufacturer** | **Model** | **Serial Number** | **FCC ID** |
| Power Adapter | LG | MCS-01WR | RB310020452 | DoC |
| Headphones | Cresyn | EAB62410801 | NA | NA |

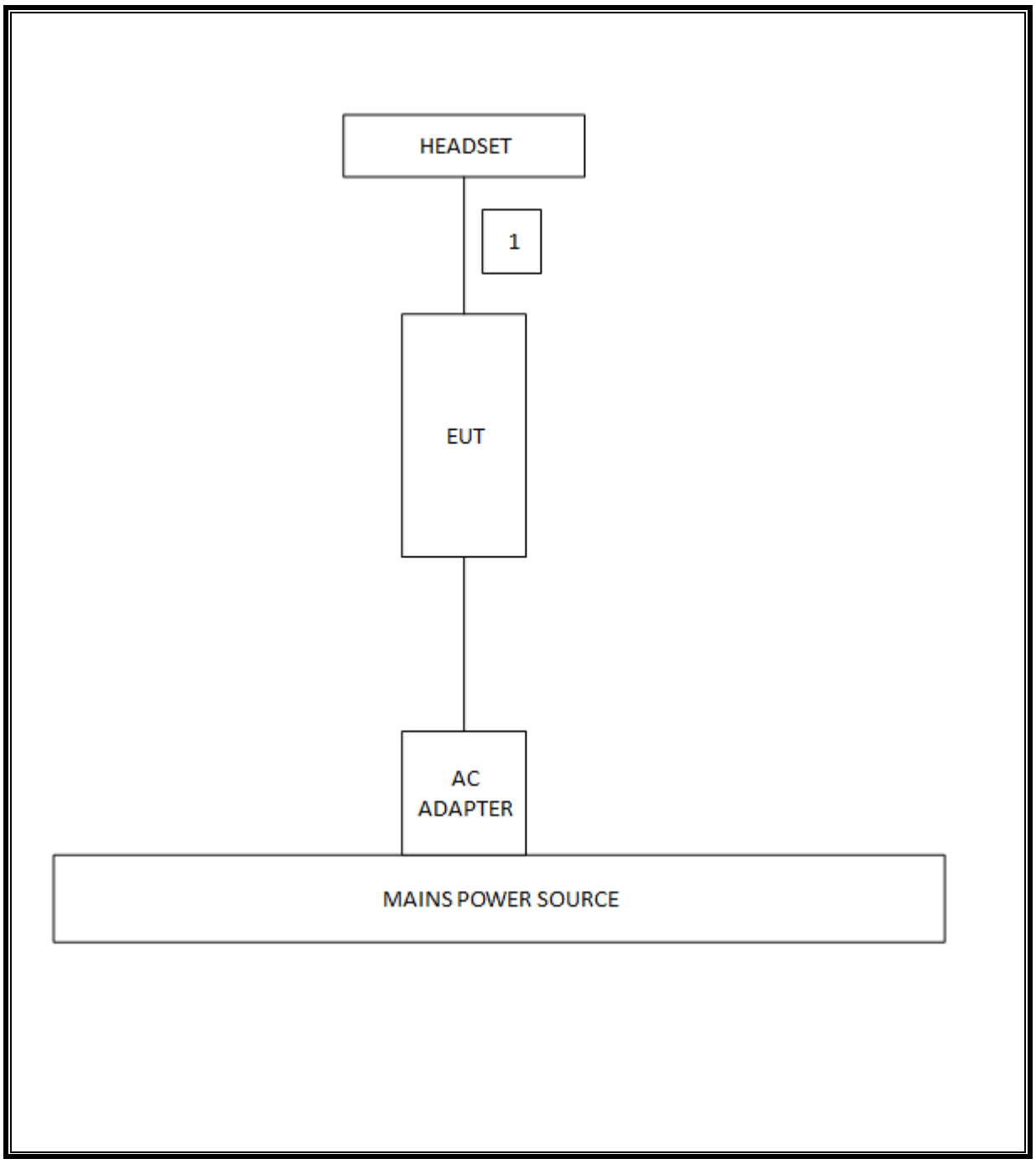
**I/O CABLES**

| I/O Cable List | | | | | | |
|---|---|---|---|---|---|---|
| **Cable No** | **Port** | **# of identical ports** | **Connector Type** | **Cable Type** | **Cable Length (m)** | **Remarks** |
| 1 | USB | 1 | USB | Shielded | 1.6m | N/A |
| 2 | Headset | 1 | Audio | Shielded | 1.5m | N/A |

**TEST SETUP**

The EUT is a stand-alone unit that was tested in the worst case orientation and configuration, where applicable, during the tests. Test software exercised the radio.

**SETUP DIAGRAM FOR TESTS**



# 6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

| Test Equipment List | | | | | |
|---|---|---|---|---|---|
| **Description** | **Manufacturer** | **Model** | **Asset** | **Cal Date** | **Cal Due** |
| Spectrum Analyzer, 26.5 GHz | Agilent / HP | E4440A | C01176 | 12/13/2012 | 12/13/2013 |
| Antenna, Horn, 18 GHz | ETS | 3117 | C01022 | 2/21/2013 | 2/21/2014 |
| Preamplifier, 26.5 GHz | Agilent / HP | 8449B | C01052 | 10/22/2012 | 10/22/2013 |
| Preamplifier, 1300 MHz | Agilent / HP | 8447D | C00558 | 02/21/12 | 02/21/14 |
| Power Sensor, 18 GHz | Agilent / HP | 8481A | N02781 | 9/24/2012 | 9/24/2013 |
| Power Meter | Agilent / HP | 437B | NA | 8/9/2012 | 8/9/2013 |
| Reject Filter, 2.4-2.5 GHz | Micro-Tronics | BRM50702 | N02685 | NA | CNR |
| Antenna, Bilog, 30MHz-1 GHz | Sunol Sciences | JB1 | C01011 | 3/6/2013 | 3/6/2014 |
| LISN, 30 MHz | FCC | 50/250-25-2 | C00626 | 01/14/13 | 01/14/14 |

# 7. ON TIME, DUTY CYCLE AND MEASUREMENT METHODS

**LIMITS**

None; for reporting purposes only.

**PROCEDURE**

KDB 789033 Zero-Span Spectrum Analyzer Method.

### 7.1.1. ON TIME AND DUTY CYCLE RESULTS

| 2.4GHz | B (msec) | (msec) | x (linear) | Cycle (%) | Correction Factor (dB) | Minimum VBW (kHz) |
|---|---|---|---|---|---|---|
| BLE | 98.33 | 625 | 0.157 | 15.7% | 8.03 | 0.010 |

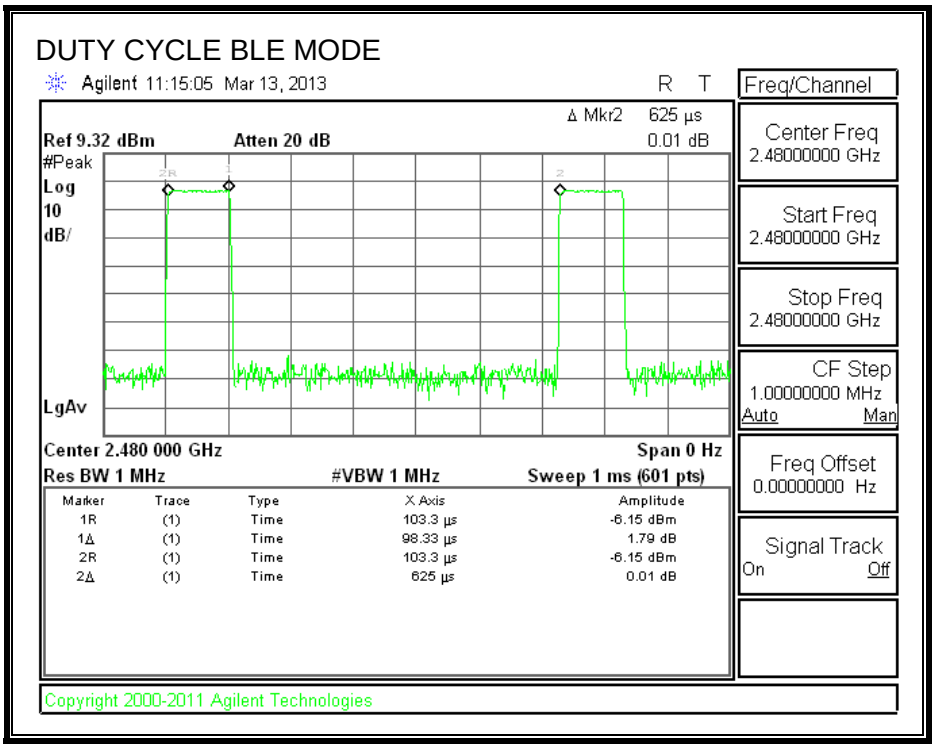
### 7.1.2. MEASUREMENT METHOD FOR POWER AND PPSD

The Duty Cycle is less than 98% and consistent therefore KDB 789033 Method SA-2 is used.

### 7.1.3. MEASUREMENT METHOD FOR AVERAGE SPURIOUS EMISSIONS ABOVE 1 GHz

The Duty Cycle is less than 98% and consistent, KDB 789033 Method AD with Power RMS Averaging and duty cycle correction is used.

## 7.1.4. DUTY CYCLE PLOTS



# 8. RADIATED TEST RESULTS

## 8.1. LIMITS AND PROCEDURE

**LIMITS**

FCC §15.205 and §15.209

IC RSS-210 Clause 2.6 (Transmitter)

IC RSS-GEN Clause 6 (Receiver)

| Frequency Range (MHz) | Field Strength Limit (uV/m) at 3 m | Field Strength Limit (dBuV/m) at 3 m |
|---|---|---|
| 30 - 88 | 100 | 40 |
| 88 - 216 | 150 | 43.5 |
| 216 - 960 | 200 | 46 |
| Above 960 | 500 | 54 |

**TEST PROCEDURE**

The EUT is placed on a non-conducting table 80 cm above the ground plane. The antenna to EUT distance is 3 meters.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

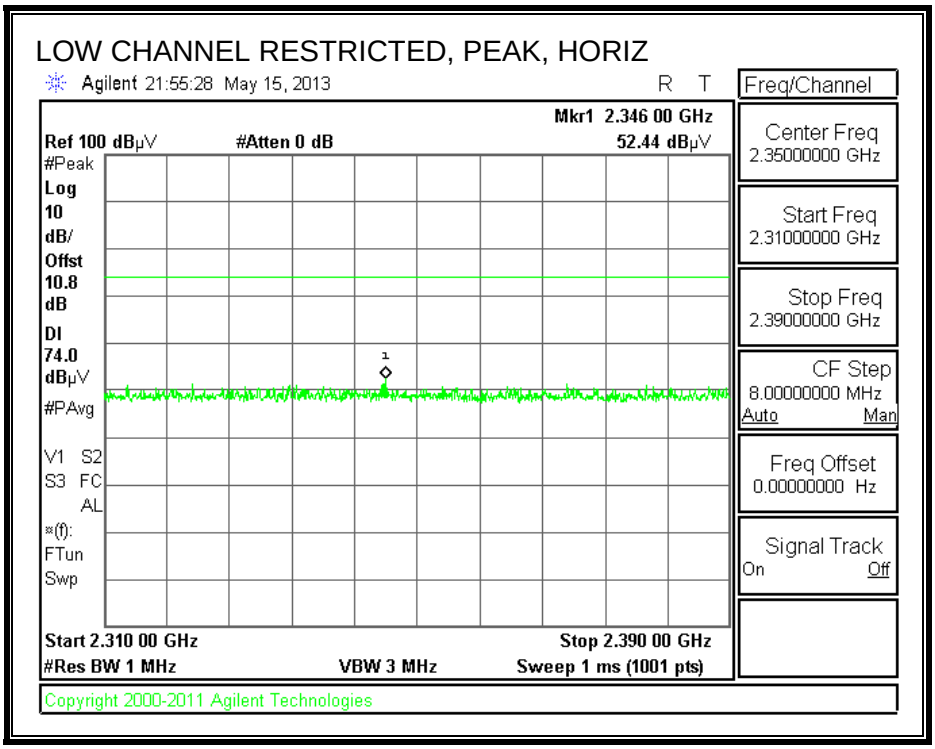
For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 1 MHz for peak measurements and as applicable for average measurements.

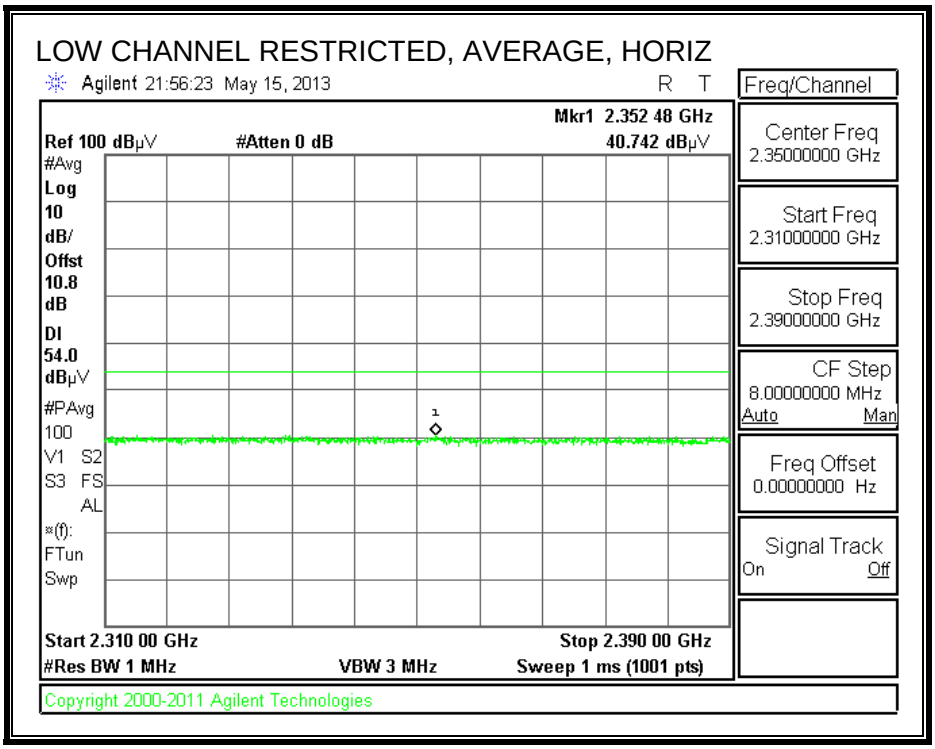
The spectrum from 30 MHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

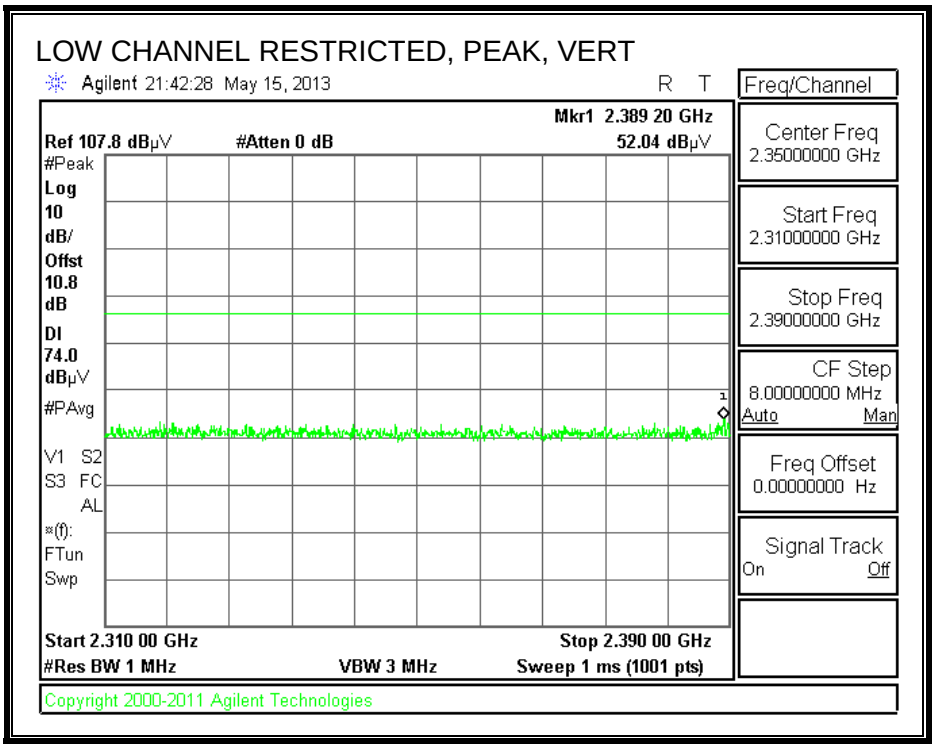
## 8.2. TX ABOVE 1 GHz FOR BLUETOOTH LOW ENERGY MODE IN THE 2.4 GHz BAND

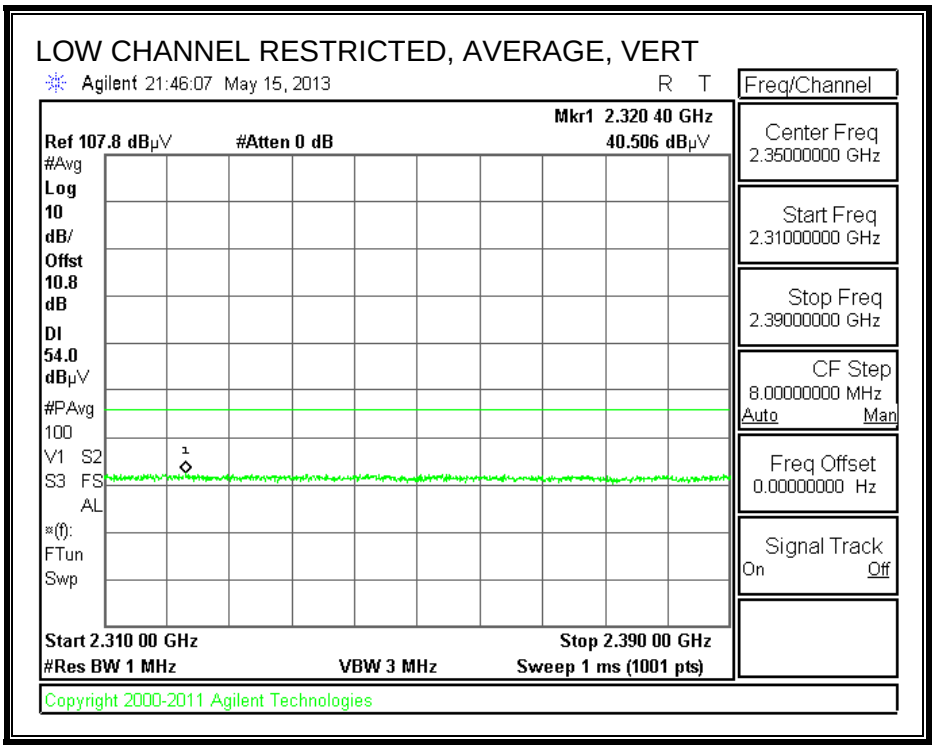
**RESTRICTED BANDEDGE (LOW CHANNEL)**






**Actual Average** = Measured Average + Correction Factor
= 40.742 dBuV + 8.03
= 48.772 dBuV

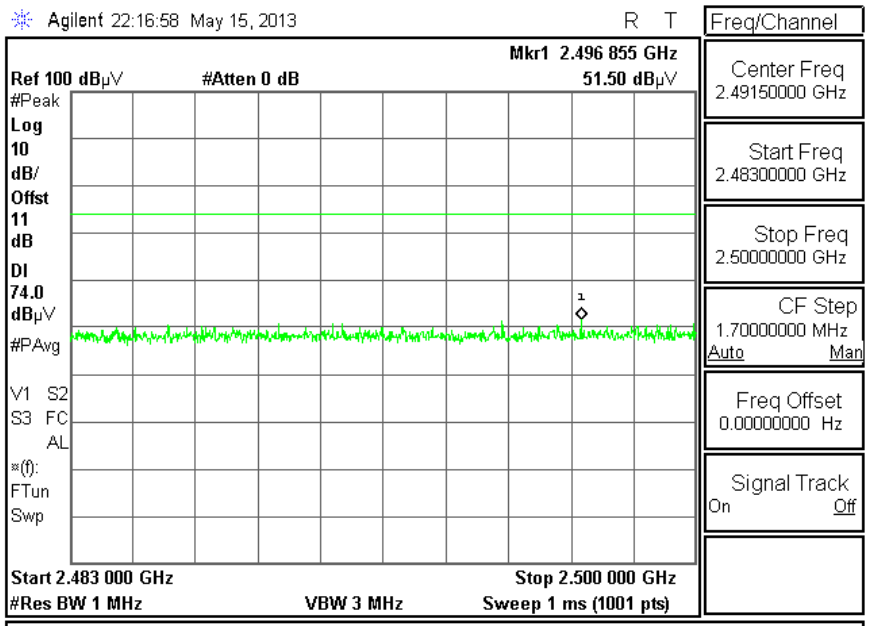


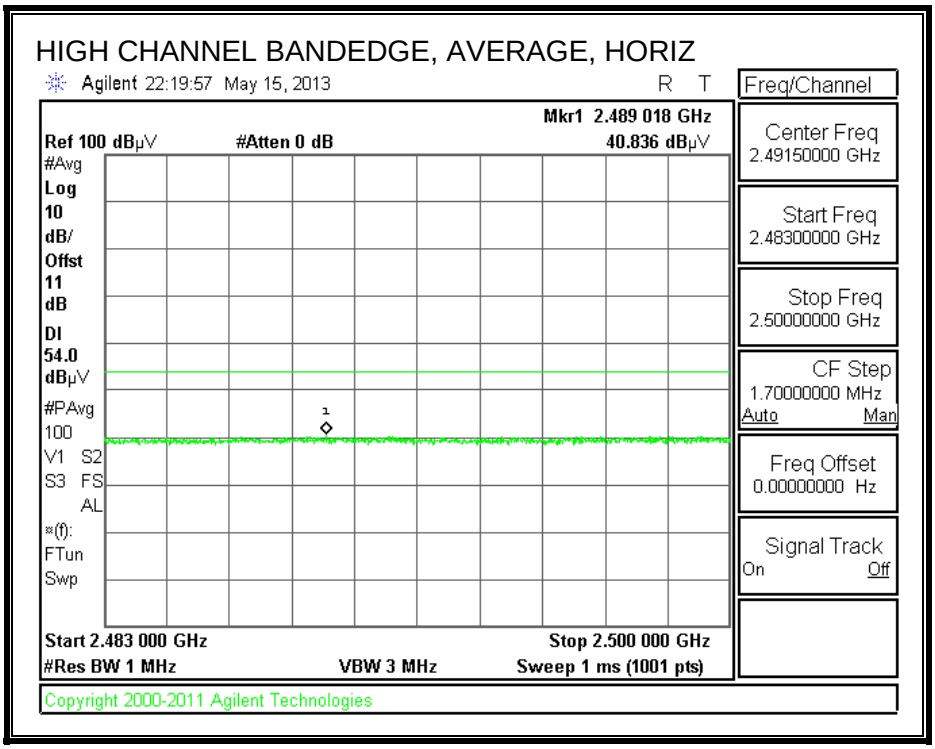



**Actual Average** = Measured Average + Correction Factor
= 40.506 dBuV + 8.03
= 48.536 dBuV

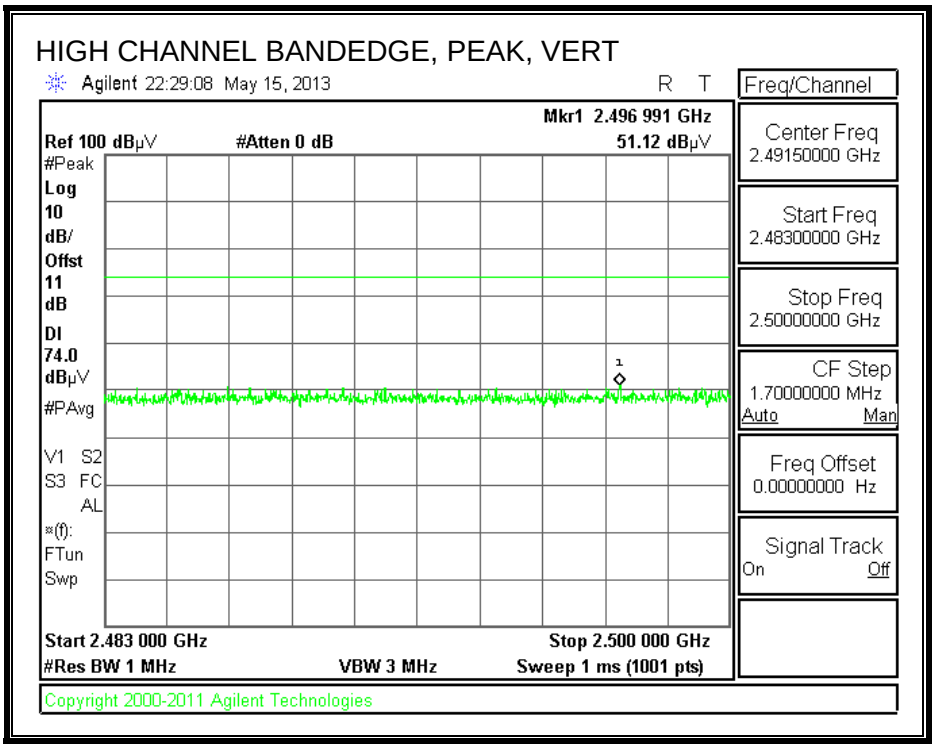
**RESTRICTED BANDEDGE (HIGH CHANNEL)**

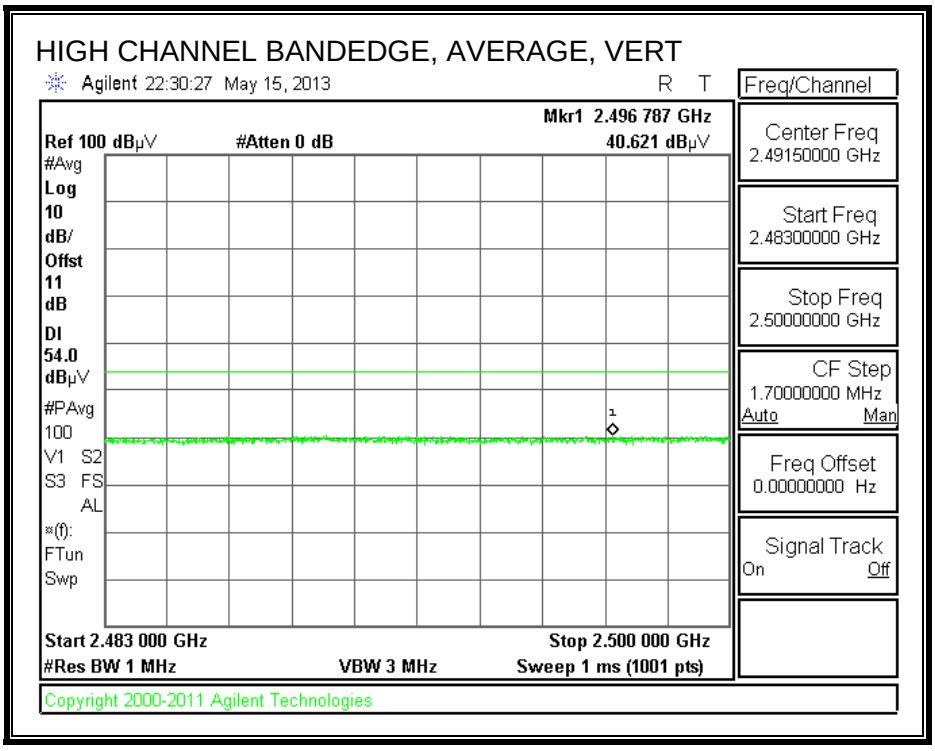
HIGH CHANNEL BANDEDGE, PEAK, HORIZ






**Actual Average** = Measured Average + Correction Factor
= 40.836 dBuV + 8.03
= 48.866 dBuV

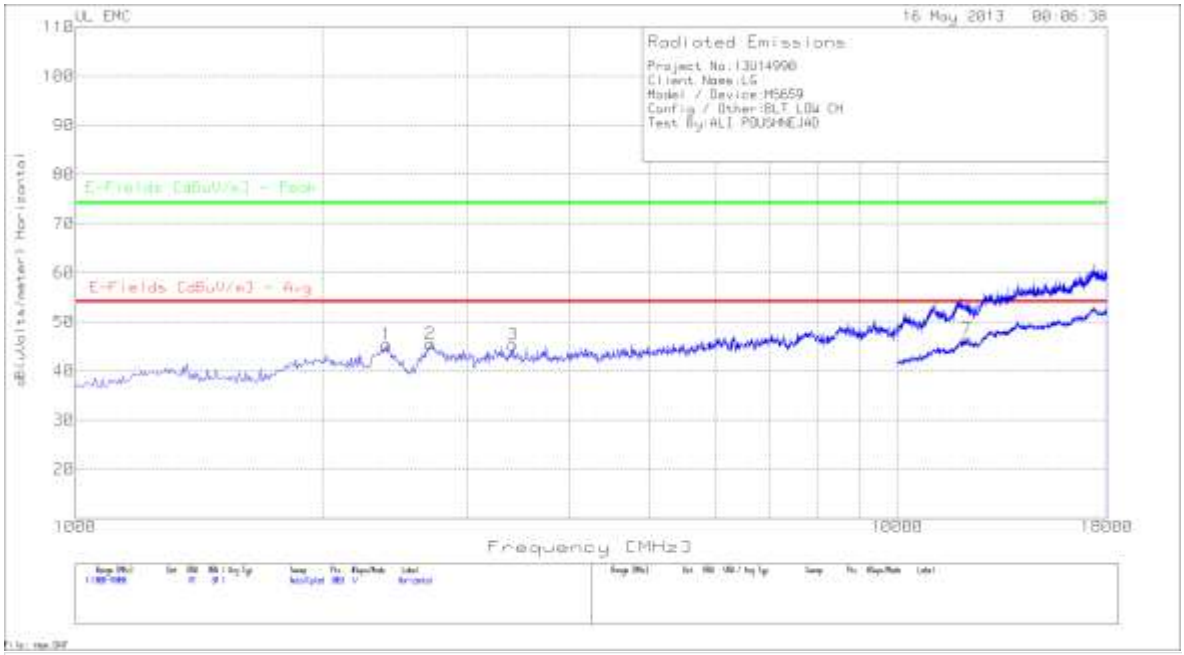





**Actual Average** = Measured Average + Correction Factor
= 40.621 dBuV + 8.03
= 48.631 dBuV

**HARMONICS AND SPURIOUS EMISSIONS**

LOW CHANNEL HORIZONTAL



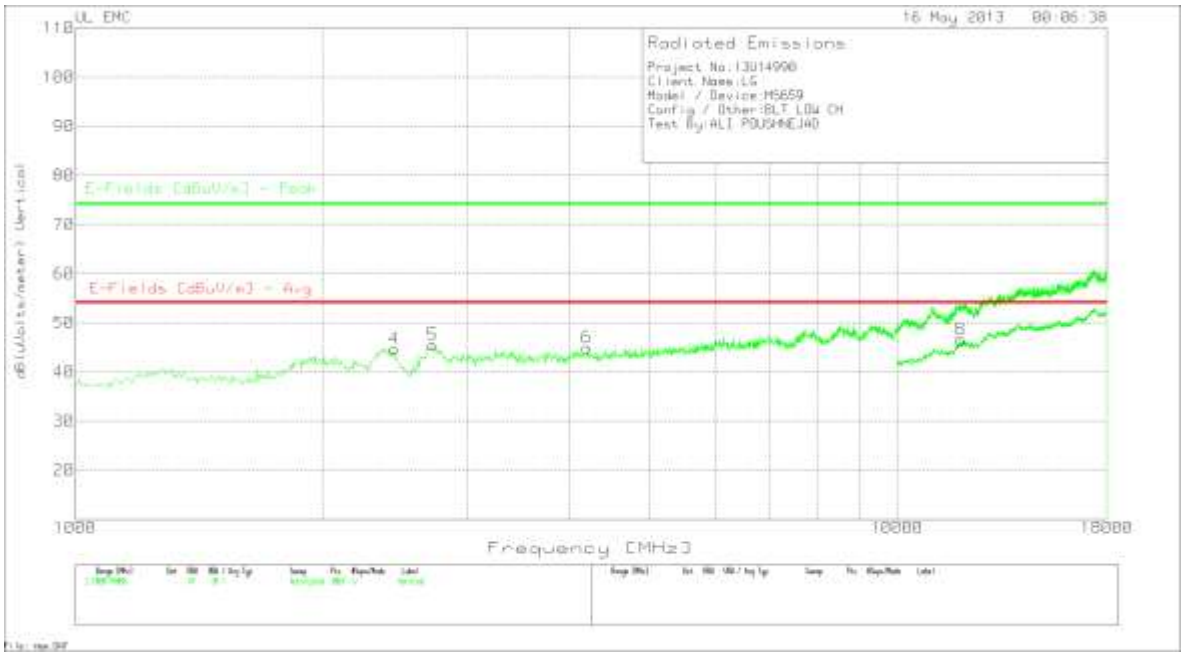

Project No:13U14990
Client Name:LG
Model / Device:MS659
Config / Other:BLT LOW CH
Test By:ALI POUSHNEJAD

| Marker No. | Test Frequency | Meter Reading | Detector | T119 Ant Factor [dB/m] | T34 Preamp/ Cable Loss [dB] | T160 BRF [dB] | dB(uVolts/meter) | E-Fields [dBuV/m] - Avg | Margin (dB) | E-Fields [dBuV/m] - Peak | Margin (dB) | Height [cm] | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Horizontal 1000 - 18000MHz | | | | | | | | | | | | | |
| 1 | 2393.071 | 42.05 | PK | 32.1 | -29.7 | 0.9 | 45.35 | 53.97 | -8.62 | 74 | -28.65 | 99 | Horz |
| 2 | 2704.53 | 40.98 | PK | 32.6 | -29 | 0.9 | 45.48 | 53.97 | -8.49 | 74 | -28.52 | 99 | Horz |
| 3 | 3406.729 | 39.42 | PK | 32.9 | -27.5 | 0.5 | 45.32 | 53.97 | -8.65 | 74 | -28.68 | 201 | Horz |
| Horizontal 10000 - 18000MHz | | | | | | | | | | | | | |
| 7 | 12150.925 | 25.57 | PK | 39.1 | -18.9 | 0.7 | 46.47 | 53.97 | -7.5 | 74 | -27.53 | 99 | Horz |

PK - Peak detector
QP - Quasi-Peak detector
Av - Average detector

Note: Second line displayed below the first line is average measurement.

## LOW CHANNEL VERTICAL



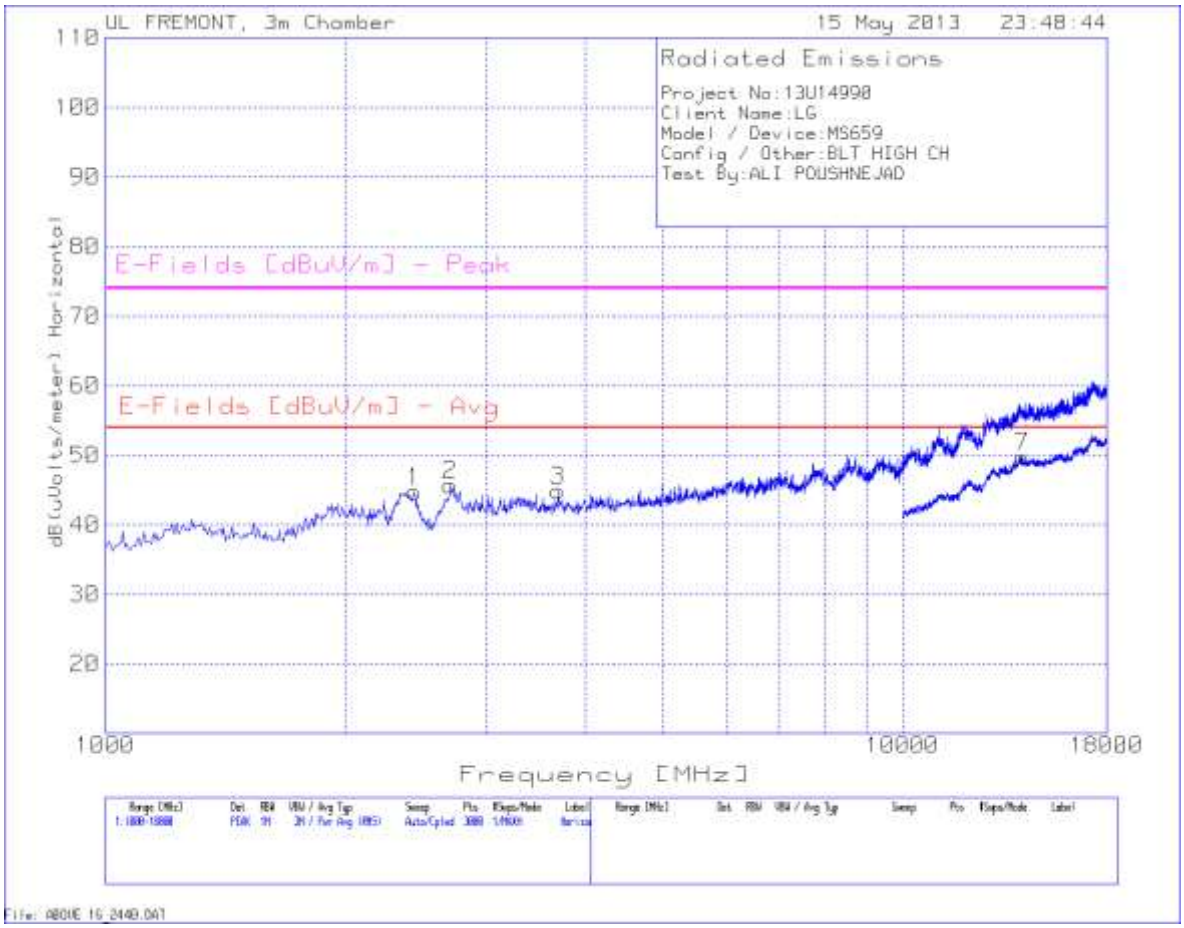

Project No:13U14990
Client Name:LG
Model / Device:MS659
Config / Other:BLT LOW CH
Test By:ALI POUSHNEJAD

| Marker No. | Test Frequency | Meter Reading | Detector | T119 Ant Factor [dB/m] | T34 Preamp/ Cable Loss [dB] | T160 BRF [dB] | dB(uVolts/meter) | E-Fields [dBuV/m] - Avg | Margin (dB) | E-Fields [dBuV/m] - Peak | Margin (dB) | Height [cm] | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vertical 1000 - 18000MHz | | | | | | | | | | | | | |
| 4 | 2444.037 | 41.17 | PK | 32.2 | -29.6 | 0.9 | 44.67 | 53.97 | -9.3 | 74 | -29.33 | 99 | Vert |
| 5 | 2721.519 | 40.94 | PK | 32.6 | -29 | 0.9 | 45.44 | 53.97 | -8.53 | 74 | -28.56 | 99 | Vert |
| 6 | 4193.871 | 37.13 | PK | 33.5 | -25.9 | 0.2 | 44.93 | 53.97 | -9.04 | 74 | -29.07 | 201 | Vert |
| Vertical 10000 - 18000MHz | | | | | | | | | | | | | |
| 8 | 11939.03 | 25.69 | PK | 39 | -18.9 | 0.8 | 46.59 | 53.97 | -7.38 | 74 | -27.41 | 100 | Vert |

PK - Peak detector
QP - Quasi-Peak detector
Av - Average detector

Note: Second line displayed below the first line is average measurement.

## MID CHANNEL HORIZONTAL



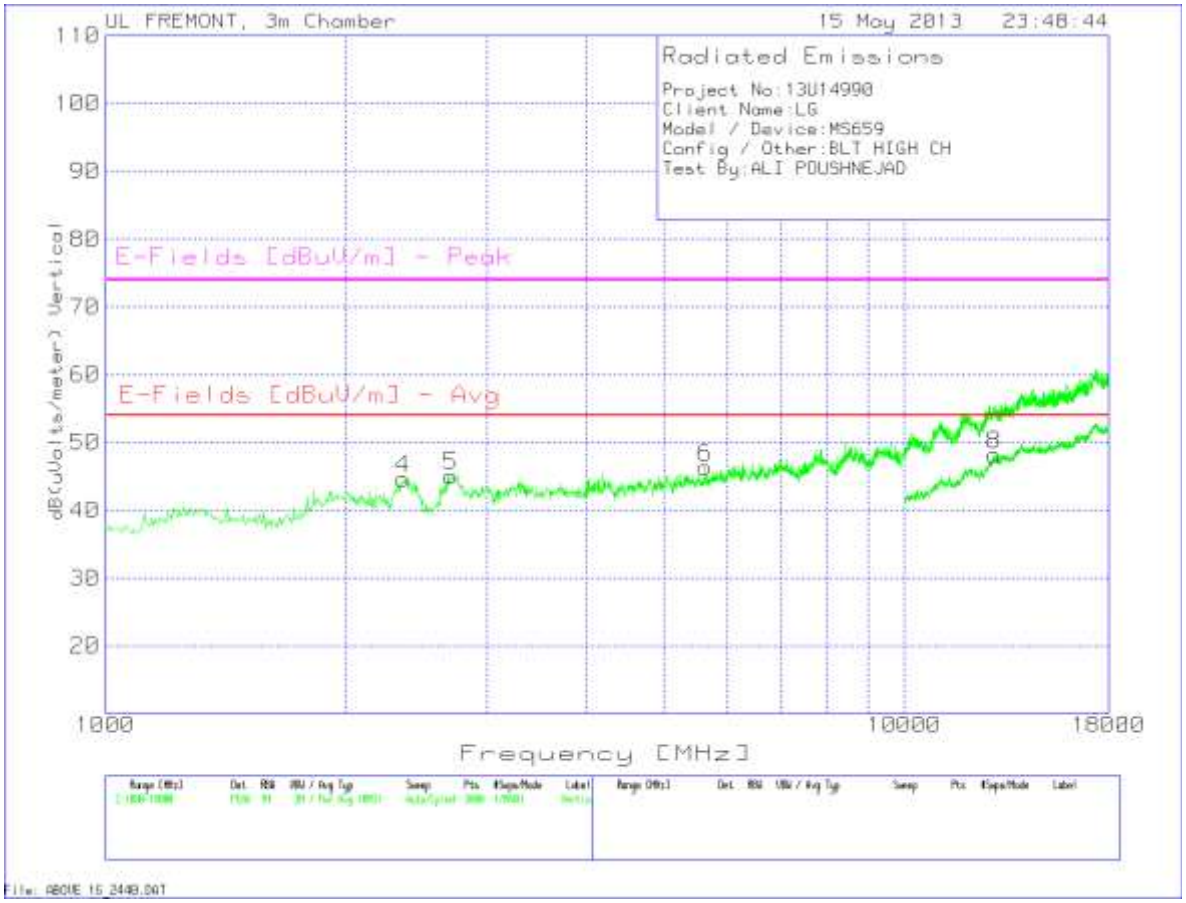

Project No:13U14990
Client Name:LG
Model / Device:MS659
Config / Other:BLT HIGH CH
Test By:ALI POUSHNEJAD

| Marker No. | Test Frequency | Meter Reading | Detector | T119 Ant Factor [dB/m] | T34 Preamp/ Cable Loss [dB] | T160 BRF [dB] | dB(uVolts/meter) | E-Fields [dBuV/m] - Avg | Margin (dB) | E-Fields [dBuV/m] - Peak | Margin (dB) | Height [cm] | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Horizontal 1000 - 18000MHz | | | | | | | | | | | | | |
| 1 | 2438.374 | 41.22 | PK | 32.2 | -29.6 | 0.9 | 44.72 | 53.97 | -9.25 | 74 | -29.28 | 201 | Horz |
| 2 | 2710.193 | 41.21 | PK | 32.6 | -29 | 0.9 | 45.71 | 53.97 | -8.26 | 74 | -28.29 | 201 | Horz |
| 3 | 3695.536 | 38.06 | PK | 33.2 | -26.7 | 0.3 | 44.86 | 53.97 | -9.11 | 74 | -29.14 | 100 | Horz |
| Horizontal 10000 - 18000MHz | | | | | | | | | | | | | |
| 7 | 14109.945 | 26.14 | PK | 39 | -15.8 | 0.4 | 49.74 | 53.97 | -4.23 | 74 | -24.26 | 100 | Horz |

PK - Peak detector
QP - Quasi-Peak detector
Av - Average detector

Note: Second line displayed below the first line is average measurement.

## MID CHANNEL VERTICAL



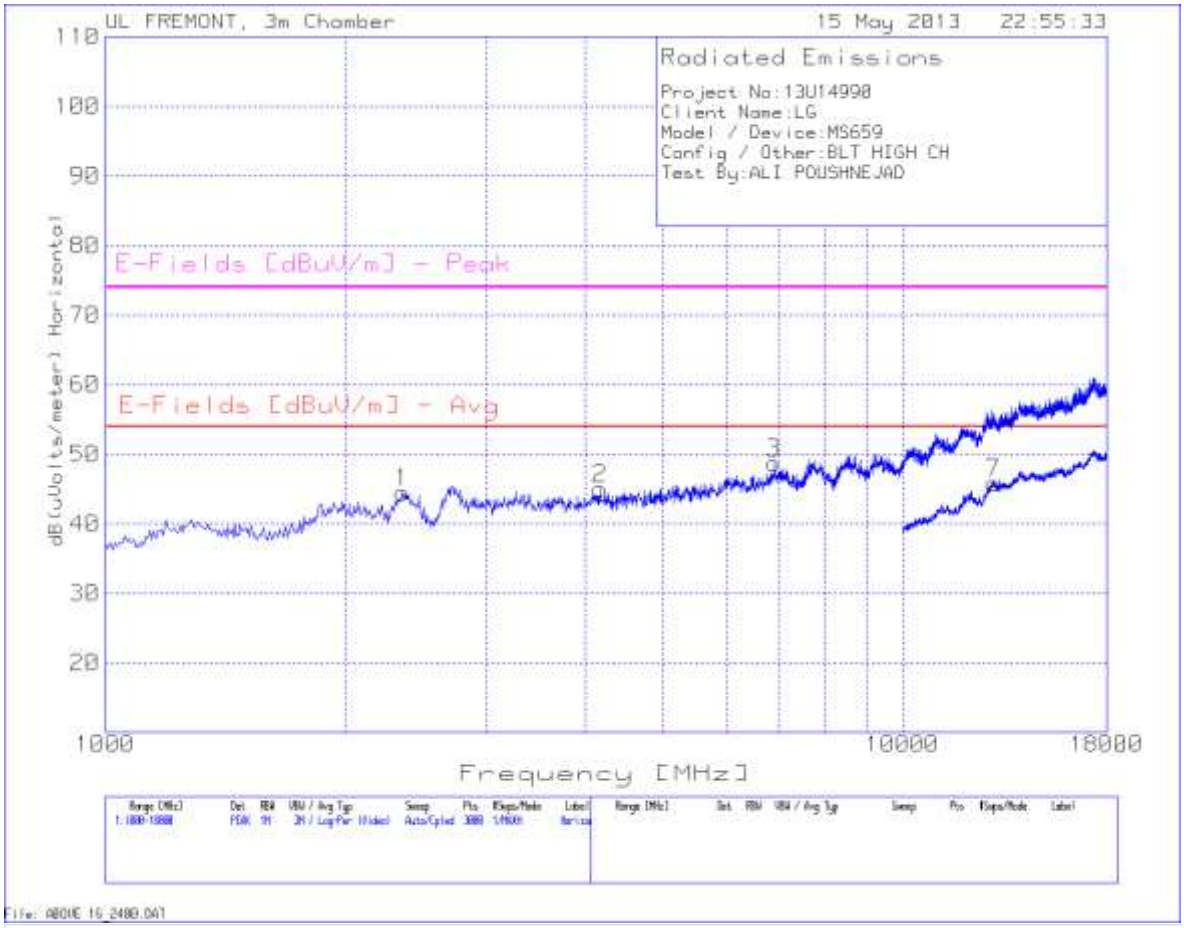

Project No:13U14990
Client Name:LG
Model / Device:MS659
Config / Other:BLT HIGH CH
Test By:ALI POUSHNEJAD

| Marker No. | Test Frequency | Meter Reading | Detector | T119 Ant Factor [dB/m] | T34 Preamp/ Cable Loss [dB] | T160 BRF [dB] | dB(uVolts/meter) | E-Fields [dBuV/m] - Avg | Margin (dB) | E-Fields [dBuV/m] - Peak | Margin (dB) | Height [cm] | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vertical 1000 - 18000MHz | | | | | | | | | | | | | |
| 4 | 2359.094 | 41.41 | PK | 32 | -29.7 | 0.9 | 44.61 | 53.97 | -9.36 | 74 | -29.39 | 201 | Vert |
| 5 | 2710.193 | 40.55 | PK | 32.6 | -29 | 0.9 | 45.05 | 53.97 | -8.92 | 74 | -28.95 | 201 | Vert |
| 6 | 5632.245 | 35.87 | PK | 34.7 | -24.4 | 0.2 | 46.37 | 53.97 | -7.6 | 74 | -27.63 | 201 | Vert |
| Vertical 10000 - 18000MHz | | | | | | | | | | | | | |
| 8 | 12974.513 | 25.82 | PK | 39.1 | -17.1 | 0.4 | 48.22 | 53.97 | -5.75 | 74 | -25.78 | 100 | Vert |

PK - Peak detector
QP - Quasi-Peak detector
Av - Average detector

Note: Second line displayed below the first line is average measurement.

## HIGH CHANNEL HORIZONTAL



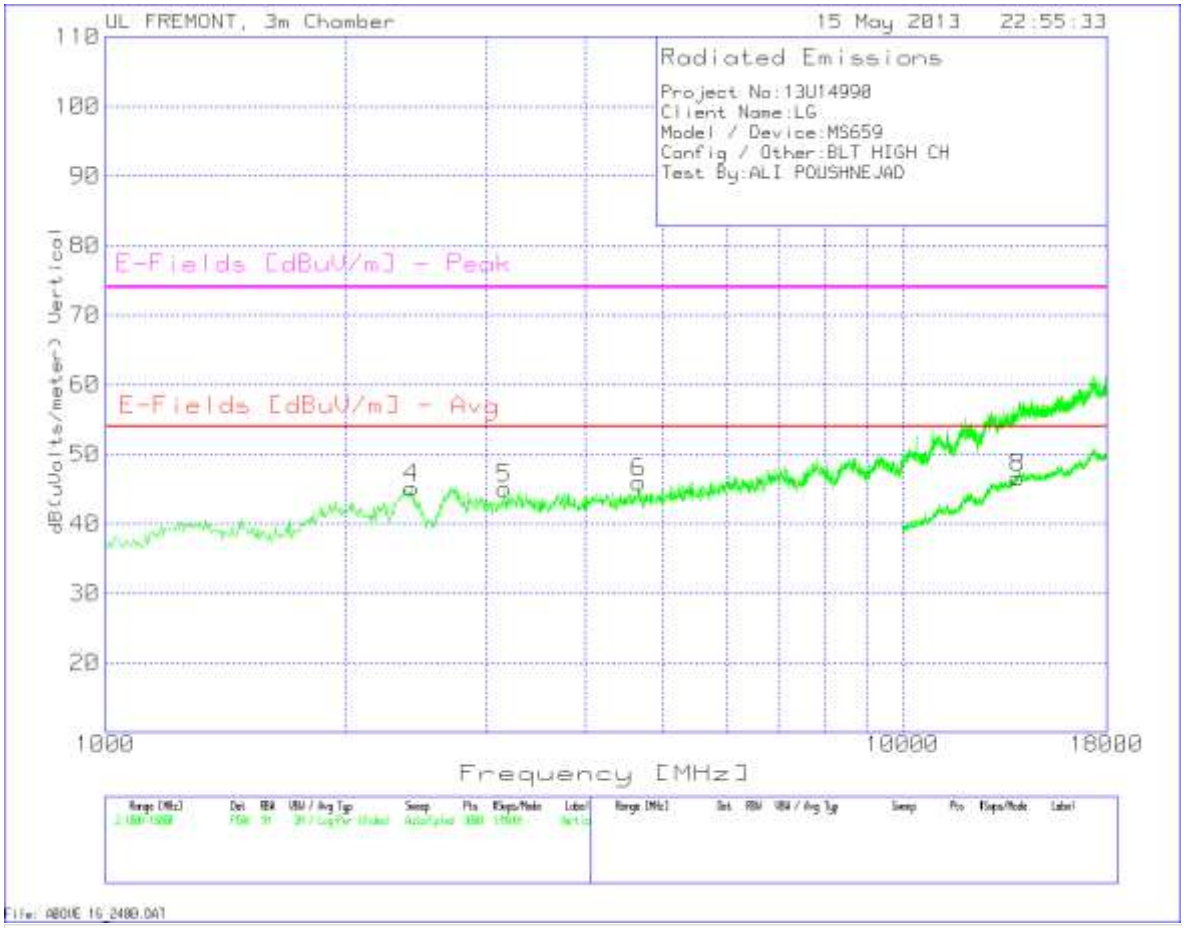

**Project No:13U14990**
**Client Name:LG**
**Model / Device:MS659**
**Config / Other:BLT HIGH CH**
**Test By:ALI POUSHNEJAD**

| Marker No. | Test Frequency | Meter Reading | Detector | T119 Ant Factor [dB/m] | T34 Preamp/ Cable Loss [dB] | T160 BRF [dB] | dB(uVolts/meter) | E-Fields [dBuV/m] - Avg | Margin (dB) | E-Fields [dBuV/m] - Peak | Margin (dB) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Horizontal 1000 - 18000MHz** | | | | | | | | | | | |
| 1 | 2359.094 | 41.36 | PK | 32 | -29.7 | 0.9 | 44.56 | 53.97 | -9.41 | 74 | -29.44 |
| 2 | 4171.219 | 37.17 | PK | 33.5 | -25.9 | 0.3 | 45.07 | 53.97 | -8.9 | 74 | -28.93 |
| 3 | 6889.407 | 36.16 | PK | 35.6 | -23.2 | 0.2 | 48.76 | 53.97 | -6.21 | 74 | -25.24 |
| **Horizontal 10000 - 18000MHz** | | | | | | | | | | | |
| 7 | 13006.497 | 23.49 | PK | 39.1 | -17.1 | 0.4 | 45.89 | 53.97 | -8.08 | 74 | -28.11 |

PK - Peak detector
Av - Average detector

Note: Second line displayed below the first line is average measurement.

HIGH CHANNEL VERTICAL




**Project No:13U14990**
**Client Name:LG**
**Model / Device:MS659**
**Config / Other:BLT HIGH CH**
**Test By:ALI POUSHNEJAD**

| Marker No. | Test Frequency | Meter Reading | Detector | T119 Ant Factor [dB/m] | T34 Preamp/ Cable Loss [dB] | T160 BRF [dB] | dB(uVolts/meter) | E-Fields [dBuV/m] - Avg | Margin (dB) | E-Fields [dBuV/m] - Peak | Margin (dB) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Vertical 1000 - 18000MHz** | | | | | | | | | | | |
| 4 | 2421.386 | 41.74 | PK | 32.2 | -29.7 | 0.9 | 45.14 | 53.97 | -8.83 | 74 | -28.86 |
| 5 | 3168.887 | 39.75 | PK | 32.9 | -28.2 | 0.6 | 45.05 | 53.97 | -8.92 | 74 | -28.95 |
| 6 | 4658.228 | 36.96 | PK | 34.1 | -25.4 | 0.3 | 45.96 | 53.97 | -8.01 | 74 | -28.04 |
| **Vertical 10000 - 18000MHz** | | | | | | | | | | | |
| 8 | 13926.037 | 23.26 | PK | 38.8 | -15.9 | 0.4 | 46.56 | 53.97 | -7.41 | 74 | -27.44 |

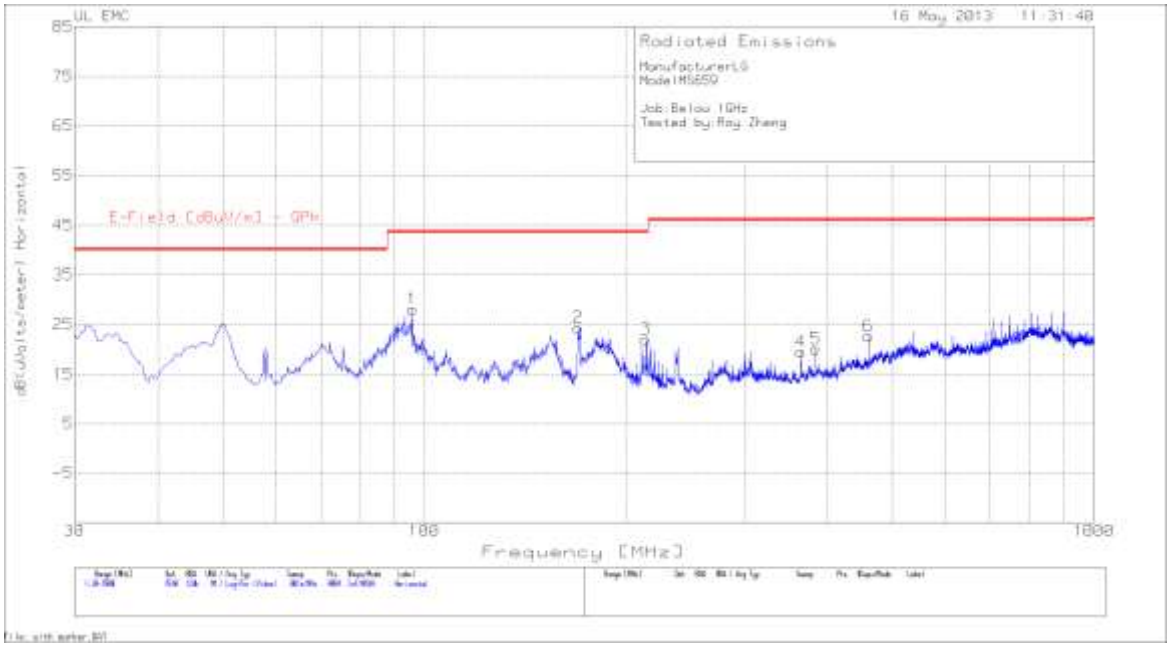
PK - Peak detector
Av - Average detector

Note: Second line displayed below the first line is average measurement.

## 8.3. WORST-CASE BELOW 1 GHz

**SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)**

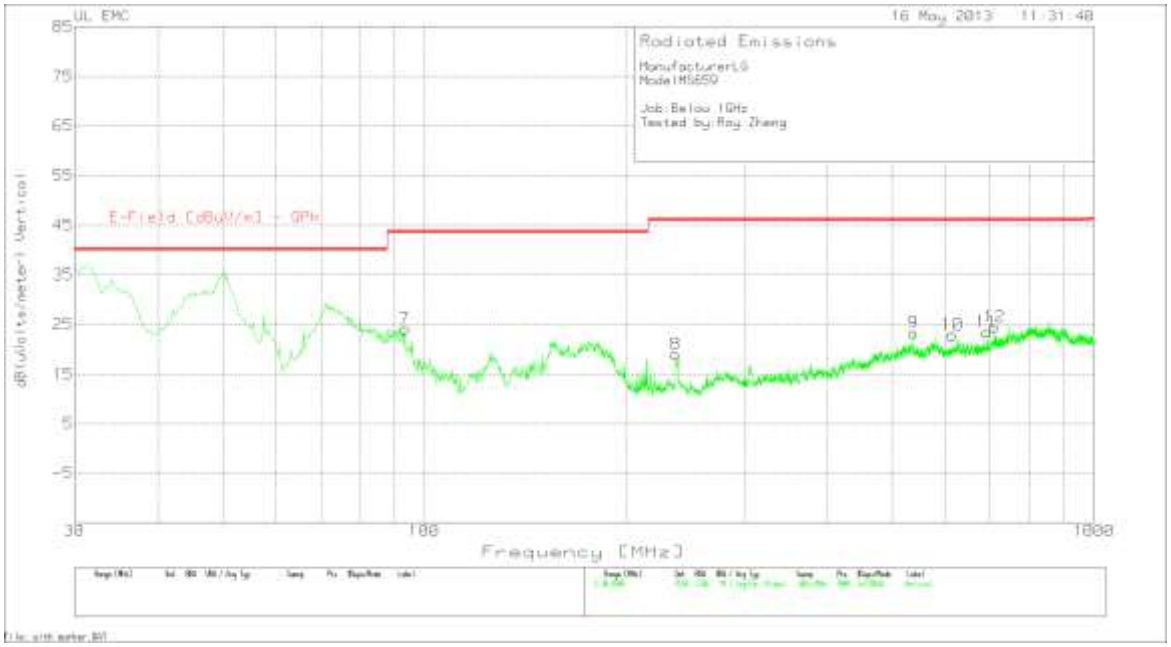
HORIZONTAL PLOT




| Marker No. | Test Frequency | Meter Reading | Detector | T407 Ant Factor [dB/m] | T286 Preamp [dB] | Cable Factor [dB] | DC Corr [dB] | dB(uVolts/meter) | E-Field [dBuV/m] - QPk | Margin (dB) | Height [cm] | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Horizontal 30 - 1000MHz | | | | | | | | | | | | |
| 1 | 95.9106 | 46.58 | PK | 9.1 | -28.4 | 0.8 | 0 | 28.08 | 43.52 | -15.44 | 201 | Horz |
| 2 | 169.5753 | 39.81 | PK | 11.8 | -28.4 | 1.1 | 0 | 24.31 | 43.52 | -19.21 | 98 | Horz |
| 3 | 214.1619 | 38.93 | PK | 10.5 | -28.6 | 1.2 | 0 | 22.03 | 43.52 | -21.49 | 201 | Horz |
| 4 | 364.8838 | 32.45 | PK | 15 | -29.6 | 1.6 | 0 | 19.45 | 46.02 | -26.57 | 98 | Horz |
| 5 | 384.027 | 32.39 | PK | 15 | -29 | 1.7 | 0 | 20.09 | 46.02 | -25.93 | 98 | Horz |
| 6 | 460.5996 | 33.08 | PK | 16.7 | -29 | 1.9 | 0 | 22.68 | 46.02 | -23.34 | 201 | Horz |

**SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)**

VERTICAL PLOT




| Marker No. | Test Frequency | Meter Reading | Detector | T407 Ant Factor [dB/m] | T286 Preamp [dB] | Cable Factor [dB] | DC Corr [dB] | dB(uVolts/meter) | E-Field [dBuV/m] - QPk | Margin (dB) | Height [cm] | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vertical 30 - 1000MHz | | | | | | | | | | | | |
| 7 | 93.4874 | 43.08 | PK | 8.6 | -28.4 | 0.8 | 0 | 24.08 | 43.52 | -19.44 | 100 | Vert |
| 8 | 237.1821 | 33.81 | PK | 11.4 | -27.5 | 1.3 | 0 | 19.01 | 46.02 | -27.01 | 300 | Vert |
| 9 | 537.6568 | 31.12 | PK | 18.2 | -28 | 2 | 0 | 23.32 | 46.02 | -22.7 | 100 | Vert |
| 10 | 614.4716 | 30.68 | PK | 19 | -29 | 2.2 | 0 | 22.88 | 46.02 | -23.14 | 100 | Vert |
| 11 | 691.2865 | 31.04 | PK | 19.5 | -29.5 | 2.4 | 0 | 23.44 | 46.02 | -22.58 | 100 | Vert |
| 12 | 710.4297 | 30.82 | PK | 20.4 | -29.1 | 2.4 | 0 | 24.52 | 46.02 | -21.5 | 100 | Vert |