

# EMC TEST REPORT

Test item : LED TV Monitor  
Model No. : 42LA6205-UA  
Order No. : DEMC1301-00213  
Date of receipt : 2013-01-18  
Test duration : 2013-02-07  
Use of report : FCC CoC Marking  
Date of Issue : 2013-02-08

Applicant : LG Electronics Inc.

19-1, Cheongho-ri, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 451-713, Korea

Test laboratory : Digital EMC Co., Ltd.

683-3, Yubang-Dong, Cheoin-Gu, Yongin-Si, Gyeonggi-Do, 449-080, Korea

Test specification : ANSI C 63.4:2003  
FCC Part 15 Subpart B  
(Type of Device : Class B Personal Computers  
and Peripherals (JBP))

Test environment : Temperature : (20 ~ 21) °C,  
Humidity : (40 ~ 41) % R.H.

Test result : ☒ Comply ☐ Not Comply

The test results presented in this test report are limited only to the sample supplied by applicant and  
the use of this test report is inhibited other than its purpose.

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Tested by:



Engineer  
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Reviewed by:



Manager  
MyungJin Song

**PRESIDENT OF DIGITAL EMC CO., LTD.**

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## 1. General Remarks

This report contains the result of tests performed by:

**DIGITAL EMC CO., LTD.**

Address : 683-3, Yubang-Dong, Cheoin-Gu, Yongin-Si, Gyeonggi-Do, 449-080, Korea

<http://www.digitalemcc.com>

Tel: +82-31-321-2664 Fax: +82-31-321-1664

## 2. Test Laboratory

Digital EMC Co., Ltd. has been accredited / filed / authorized by the agencies listed in the following table;

| Certificate   | Nation  | Agency | Code                                      | Mark                             |
|---------------|---------|--------|-------------------------------------------|----------------------------------|
| Accreditation | Korea   | KOLAS  | 393                                       | ISO/IEC 17025                    |
| Site Filing   | USA     | FCC    | 101842<br>678747                          | Test Facility list &<br>NSA Data |
|               | Canada  | IC     | 5740A-1<br>5740A-2                        | Test Facility list &<br>NSA Data |
|               | Japan   | VCCI   | C-1427<br>R-1364, R-3385<br>T-1442, G-338 | Test Facility list &<br>NSA Data |
| Certification | Korea   | KC     | KR0034                                    | Test Facility list &<br>NSA Data |
|               | Germany | TUV    | ROK1221C                                  | ISO/IEC 17025                    |

Quality control in the testing laboratory is implemented as per ISO/IEC 17025 which is the "General requirements for the competent of calibration and testing laboratory".

### 3. General Information of EUT

|                         |                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------|
| Model No.               | 42LA6205-UA                                                                                          |
| EUT Type                | LED TV Monitor                                                                                       |
| Serial No               | NONE                                                                                                 |
| FCC ID                  | BEJ42LA6205UA                                                                                        |
| Type of Sample Tested   | Pre-Production                                                                                       |
| High Frequency          | Max 790 MHz                                                                                          |
| Rating                  | AC 100-240 V~ 50/60 Hz, 1.1 A                                                                        |
| Supplied Power for Test | AC 120 V, 60 Hz                                                                                      |
| Applicant               | LG Electronics Inc.<br>19-1, Cheongho-ri, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do,<br>451-713, Korea |
| Manufacturer            | LG Electronics Inc.<br>19-1, Cheongho-ri, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do,<br>451-713, Korea |

#### RGB (PC), HDMI (PC) supported mode

| Resolution           | Horizontal Frequency (KHz) | Vertical Frequency (Hz) |
|----------------------|----------------------------|-------------------------|
| 640x480              | 31.469                     | 59.94                   |
| 800x600              | 37.879                     | 60.31                   |
| 1024x768             | 48.363                     | 60.00                   |
| 1152x864             | 54.348                     | 60.053                  |
| 1360x768             | 47.712                     | 60.015                  |
| 1280x1024<br>HDMI-PC | 63.981                     | 60.02                   |
| 1920x1080            | 67.50                      | 60.00                   |

## 4. Test Summary

### 4.1 Applied standards and test results

| Test Items                                                | Applied Standards | Results |
|-----------------------------------------------------------|-------------------|---------|
| Conducted Disturbance                                     | ANSI C63.4:2003   | C       |
| Radiated Disturbance                                      | ANSI C63.4:2003   | C       |
| C=Comply N/C=Not Comply N/T=Not Tested N/A=Not Applicable |                   |         |

The data in this test report are traceable to the national or international standards.

### 4.2 Test environment and conditions

| Test Items            | Test date (MM-DD) | Temp (°C) | Humidity (% R.H.) |
|-----------------------|-------------------|-----------|-------------------|
| Conducted Disturbance | 02-07             | 21        | 41                |
| Radiated Disturbance  | 02-07             | 20        | 40                |

### 4.3 Test result Summary

#### (1) Conducted Emission (USB MODE, HDMI MODE)

| Frequency [MHz] | Phase | Result [dB $\mu$ V] | Detector   | Limit [dB $\mu$ V] | Margin [dB] |
|-----------------|-------|---------------------|------------|--------------------|-------------|
| 0.15050         | N     | 59.3                | Quasi-Peak | 66.0               | 6.7         |
| 0.15068         | N     | 59.3                | Quasi-Peak | 66.0               | 6.7         |

#### (2) Radiated Emission (USB MODE)

| Frequency [MHz] | Pol. | Result [dB( $\mu$ V/m)] | Detector   | Limit [dB( $\mu$ V/m)] | Margin [dB] |
|-----------------|------|-------------------------|------------|------------------------|-------------|
| 31.651          | V    | 36.8                    | Quasi-Peak | 40.0                   | 3.2         |

## 5. Test Set-up and operation mode

### 5.1 Principle of Configuration Selection

**Emission** : The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

### 5.2 Test Operation Mode

- HDMI MODE : 1920x1080 Resolution (Worst case)
- USB MODE : USB record file play

### 5.3 Support Equipment Used

| Unit           | Model No.      | Serial No.  | Manufacturer                 | CABLE        |            |                    |                          | Backshell | FCC ID |
|----------------|----------------|-------------|------------------------------|--------------|------------|--------------------|--------------------------|-----------|--------|
|                |                |             |                              | Connect type | Length (m) | ferrite core       | shield                   |           |        |
| PC             | VOSTRO430      | 9K77SBX     | DELL                         | POWER        | 1.8        | Not use            | Non-shield               | Plastic   | DOC    |
|                |                |             |                              | HDMI         | 1.8        | Not use            | Shield                   |           |        |
|                |                |             |                              | USB          | 1.8        | Not use            | Shield                   |           |        |
|                |                |             |                              | USB          | 1.8        | Not use            | Shield                   |           |        |
|                |                |             |                              | USB          | 1.8        | Not use            | Shield                   |           |        |
| KEYBOARD       | SKG-2000UB     | TAKB401425B | MONITEREY INTERNATIONAL CORP | USB          | 1.8        | Not use            | Shield                   | Plastic   | DOC    |
| MOUSE          | M-UAE96        | LZ751AP01L3 | LOGITECH Inc.                | USB          | 1.8        | Not use            | Shield                   | Plastic   | DOC    |
| CD/DVD PLAYER  | DVP-NS92V      | 2000407     | SONY EMCS                    | POWER AV     | 1.8<br>1.6 | Not use<br>Not use | Non-shield<br>Non-shield | Plastic   | VER    |
| USB MEMORY     | Cruzer Z37     | N/A         | Sandisk                      | USB          | -          | -                  | -                        | Plastic   | DOC    |
| PRINTER        | AcuLaser M1200 | LWTZ180522  | EPSON                        | POWER USB    | 1.8<br>1.8 | Not use<br>Not use | Non-shield               | Plastic   | DOC    |
| HEAD SET       | COV903         | N/A         | COSY                         | STEREO       | 1.8        | -                  | Non-shield               | -         | -      |
| Remote Control | AN-MR400G      | N/A         | OHSUNG ELECTRONIC            | -            | -          | -                  | -                        | -         | -      |

## 6. Test Results : Emission

### 6.1 Conducted Disturbance

#### 6.1.1 Measurement Procedure

In the range of 0.15 MHz to 30 MHz, the conducted disturbance was measured and set-up was made accordance with **ANSI C63.4**.

If the EUT is table top equipment, it was placed on a wooden table with a height of 0.8 m above the reference ground plane and 0.4 m from the conducting wall of the shielded room.

Also if the EUT is floor-standing equipment, it was placed on a non-conducted support with a height up to 0.15 m above the reference ground plane.

Connect the EUT's power source lines to the appropriate power mains / peripherals through the LISN. All the other peripherals are connected to the 2<sup>nd</sup> LISN, if any.

Unused measuring port of the LISN was resistively terminated by 50 ohm terminator.

The measuring port of the LISN for EUT was connected to spectrum analyzer.

Using conducted emission test software, the emissions were scanned with peak detector mode.

After scanning over the frequency range, suspected emissions were selected to perform final measurement. When performing final measurement, the receiver was used which has Quasi-Peak detector and Average detector.

By varying the configuration of the test sample and the cable routing it was attempted to maximize the emission.

For further description of the configuration refer to the picture of the test set-up.

#### 6.1.2 Limit for Conducted Disturbance

(1) Conducted disturbance at mains ports.

| Frequency range<br>(MHz)                                                                                  | Limits dB(μV) |          |         |          |
|-----------------------------------------------------------------------------------------------------------|---------------|----------|---------|----------|
|                                                                                                           | Quasi-peak    |          | Average |          |
|                                                                                                           | Class A       | Class B  | Class A | Class B  |
| 0.15 to 0.50                                                                                              | 79            | 66 to 56 | 66      | 56 to 46 |
| 0.50 to 5                                                                                                 | 73            | 56       | 60      | 46       |
| 5 to 30                                                                                                   |               | 60       |         | 50       |
| Note 1 The lower limit shall apply at the transition frequencies.                                         |               |          |         |          |
| Note 2 The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz. |               |          |         |          |

Note) 1. Emission Level = Reading Value + Correction Factor.

2. Correction Factor = Cable Loss + Insertion Loss of LISN

3. Margin = Limit - Emission level

## Test Result

### < HDMI MODE >



### Results of Conducted Emission

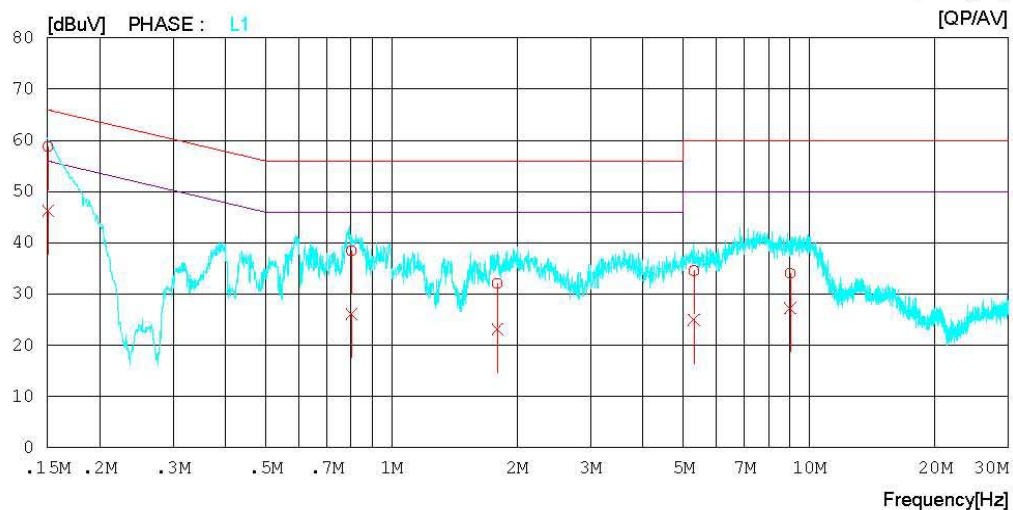
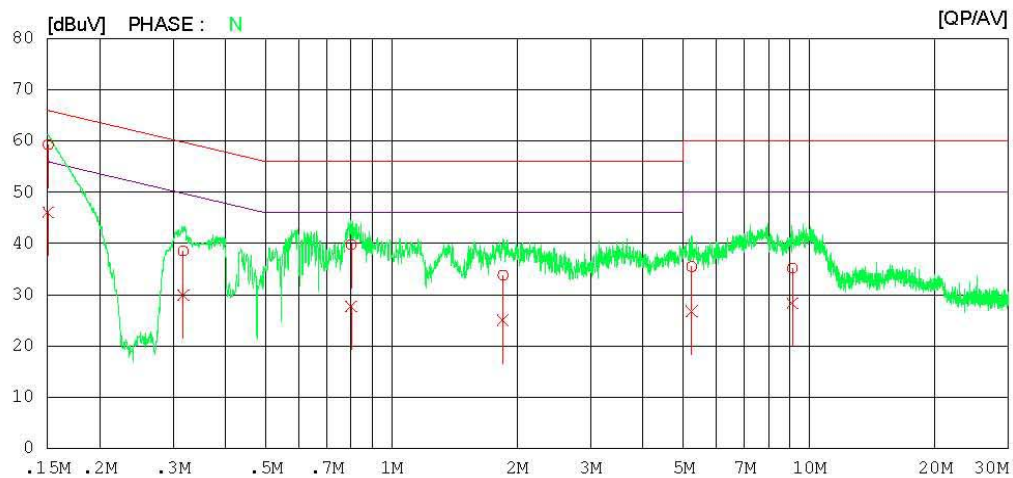
Digital EMC  
Date : 2013-02-07

Model No. : 42LA6205-UA  
Type :  
Serial No. :  
Test Condition : HDMI

Reference No. :  
Power Supply : 120 V 60 Hz  
Temp/Humi. : 21 °C 41 % R.H.  
Operator :

Memo :

LIMIT : CISPR22\_B QP  
CISPR22\_B AV



## Results of Conducted Emission

Digital EMC  
Date : 2013-02-07

Model No. : 42LA6205-UA  
Type :  
Serial No. :  
Test Condition : HDMI

Reference No. :  
Power Supply : 120 V 60 Hz  
Temp/Humi. : 21 °C 41 % R.H.  
Operator :

Memo :

LIMIT : CISPR22\_B QP  
CISPR22\_B AV

| NO | FREQ<br>[MHz] | READING      |              | C.FACTOR<br>[dB] | RESULT       |              | LIMIT        |              | MARGIN       |              | PHASE |
|----|---------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|
|    |               | QP<br>[dBuV] | AV<br>[dBuV] |                  | QP<br>[dBuV] | AV<br>[dBuV] | QP<br>[dBuV] | AV<br>[dBuV] | QP<br>[dBuV] | AV<br>[dBuV] |       |
| 1  | 0.15068       | 59.1         | 45.9         | 0.2              | 59.3         | 46.1         | 66.0         | 56.0         | 6.7          | 9.9          | N     |
| 2  | 0.31720       | 38.3         | 29.7         | 0.2              | 38.5         | 29.9         | 59.8         | 49.8         | 21.3         | 19.9         | N     |
| 3  | 0.80151       | 39.6         | 27.5         | 0.2              | 39.8         | 27.7         | 56.0         | 46.0         | 16.2         | 18.3         | N     |
| 4  | 1.85000       | 33.5         | 24.7         | 0.3              | 33.8         | 25.0         | 56.0         | 46.0         | 22.2         | 21.0         | N     |
| 5  | 5.23350       | 35.1         | 26.4         | 0.4              | 35.5         | 26.8         | 60.0         | 50.0         | 24.5         | 23.2         | N     |
| 6  | 9.12300       | 34.5         | 27.6         | 0.7              | 35.2         | 28.3         | 60.0         | 50.0         | 24.8         | 21.7         | N     |
| 7  | 0.15063       | 58.6         | 46.0         | 0.2              | 58.8         | 46.2         | 66.0         | 56.0         | 7.2          | 9.8          | L1    |
| 8  | 0.80233       | 38.3         | 25.9         | 0.2              | 38.5         | 26.1         | 56.0         | 46.0         | 17.5         | 19.9         | L1    |
| 9  | 1.79250       | 31.8         | 22.9         | 0.3              | 32.1         | 23.2         | 56.0         | 46.0         | 23.9         | 22.8         | L1    |
| 10 | 5.29900       | 34.2         | 24.5         | 0.4              | 34.6         | 24.9         | 60.0         | 50.0         | 25.4         | 25.1         | L1    |
| 11 | 9.00900       | 33.3         | 26.6         | 0.7              | 34.0         | 27.3         | 60.0         | 50.0         | 26.0         | 22.7         | L1    |

< USB MODE >



## Results of Conducted Emission

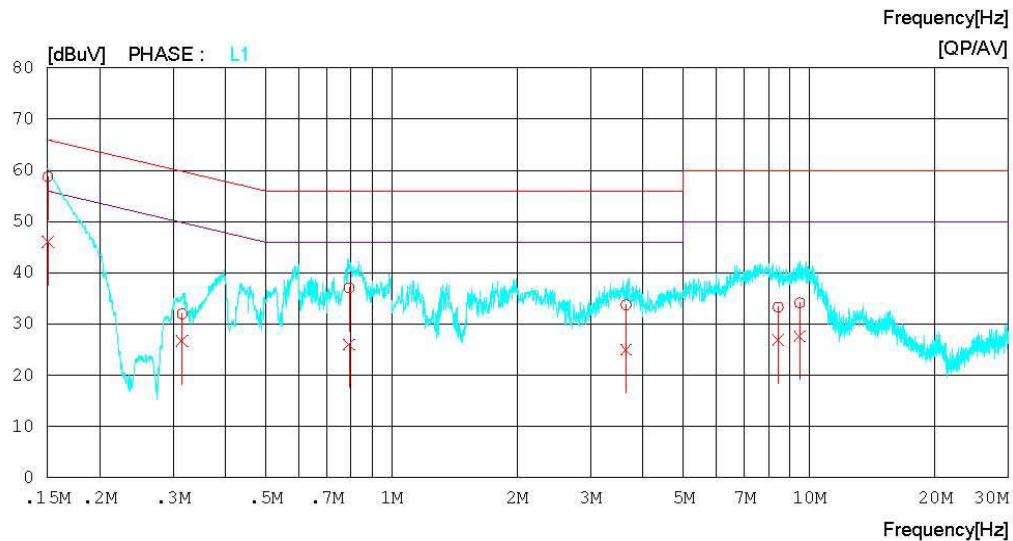
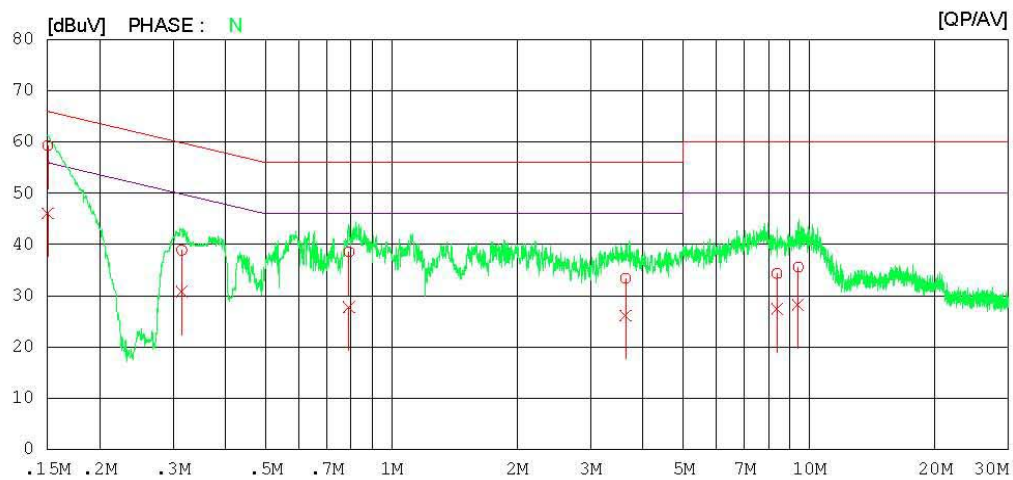
Digital EMC  
Date : 2013-02-07

Model No. : 42LA6205-UA  
Type :  
Serial No. :  
Test Condition : USB

Reference No. :  
Power Supply : 120 V 60 Hz  
Temp/Humi. : 21 °C 41 % R.H.  
Operator :

Memo :

LIMIT : CISPR22\_B QP  
CISPR22\_B AV



## Results of Conducted Emission

Digital EMC  
Date : 2013-02-07

Model No. : 42LA6205-UA  
Type :  
Serial No. :  
Test Condition : USB

Reference No. :  
Power Supply : 120 V 60 Hz  
Temp/Humi. : 21 °C 41 % R.H.  
Operator :

Memo :

LIMIT : CISPR22\_B QP  
CISPR22\_B AV

| NO | FREQ<br>[MHz] | READING      |              | C.FACTOR<br>[dB] | RESULT       |              | LIMIT        |              | MARGIN       |              | PHASE |
|----|---------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|
|    |               | QP<br>[dBuV] | AV<br>[dBuV] |                  | QP<br>[dBuV] | AV<br>[dBuV] | QP<br>[dBuV] | AV<br>[dBuV] | QP<br>[dBuV] | AV<br>[dBuV] |       |
| 1  | 0.15050       | 59.1         | 45.8         | 0.2              | 59.3         | 46.0         | 66.0         | 56.0         | 6.7          | 10.0         | N     |
| 2  | 0.31479       | 38.7         | 30.6         | 0.2              | 38.9         | 30.8         | 59.8         | 49.8         | 20.9         | 19.0         | N     |
| 3  | 0.79151       | 38.3         | 27.6         | 0.2              | 38.5         | 27.8         | 56.0         | 46.0         | 17.5         | 18.2         | N     |
| 4  | 3.63700       | 33.0         | 25.8         | 0.3              | 33.3         | 26.1         | 56.0         | 46.0         | 22.7         | 19.9         | N     |
| 5  | 8.37500       | 33.6         | 26.7         | 0.7              | 34.3         | 27.4         | 60.0         | 50.0         | 25.7         | 22.6         | N     |
| 6  | 9.41050       | 34.9         | 27.5         | 0.7              | 35.6         | 28.2         | 60.0         | 50.0         | 24.4         | 21.8         | N     |
| 7  | 0.15050       | 58.5         | 45.8         | 0.2              | 58.7         | 46.0         | 66.0         | 56.0         | 7.3          | 10.0         | L1    |
| 8  | 0.31548       | 31.8         | 26.5         | 0.2              | 32.0         | 26.7         | 59.8         | 49.8         | 27.8         | 23.1         | L1    |
| 9  | 0.79210       | 36.9         | 25.8         | 0.2              | 37.1         | 26.0         | 56.0         | 46.0         | 18.9         | 20.0         | L1    |
| 10 | 3.64450       | 33.5         | 24.7         | 0.3              | 33.8         | 25.0         | 56.0         | 46.0         | 22.2         | 21.0         | L1    |
| 11 | 8.42800       | 32.6         | 26.2         | 0.7              | 33.3         | 26.9         | 60.0         | 50.0         | 26.7         | 23.1         | L1    |
| 12 | 9.49100       | 33.4         | 26.9         | 0.7              | 34.1         | 27.6         | 60.0         | 50.0         | 25.9         | 22.4         | L1    |

## 6.2 Radiated Disturbance

### 6.2.1 Measurement Procedure

The radiated disturbance was measured and set-up was made accordance with **ANSI C63.4**.

If the EUT is tabletop equipment, it was placed on a wooden table with a height of 0.8 m above the reference ground plane and 3 m or 10 m away from the interference receiving antenna in the **10m semi-anechoic chamber**.

Also if the EUT is floor-standing equipment, it was placed on a non-conducted support with a height up to 0.15 m above the reference ground plane.

Rotate the EUT from (0 - 360)° and position the receiving antenna at heights from (1 - 4) m above the reference ground plane continuously to determine associated with higher emission levels and record them.

The measurement was made in both the vertical and horizontal polarization, and the maximum value is presented in the report.

For below 1 GHz frequency range, Quasi-Peak detector with 120 kHz RBW was used.

Also Peak and Average detector with 1 MHz RBW were used for above 1 GHz frequency range.

For further description of the configuration refer to the picture of the test set-up.

## 6.2.2 Limit for Radiated Disturbance

- The test frequency range of Radiated Disturbance measurements are listed below.

| Highest frequency generated or used in the device or on which the device operates or tunes (MHz) | Upper frequency of measurement range (MHz)                                      |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Below 108                                                                                        | 1 000                                                                           |
| 108 – 500                                                                                        | 2 000                                                                           |
| 500 – 1 000                                                                                      | 5 000                                                                           |
| Above 1 000                                                                                      | 5 <sup>th</sup> harmonic of the highest frequency or 40 GHz, whichever is lower |

### (1) Limit for Radiated Emission below 1 000MHz

| Frequency range (MHz) | Class A Equipment (10 m distance) | Class B Equipment (3 m distance) |
|-----------------------|-----------------------------------|----------------------------------|
|                       | Quasi-peak (dB $\mu$ V/m)         | Quasi-peak (dB $\mu$ V/m)        |
| 30 to 88              | 39.1                              | 40                               |
| 88 to 216             | 43.5                              | 43.5                             |
| 216 to 960            | 46.4                              | 46                               |
| 960 to 1 000          | 49.5                              | 54                               |

Note 1 The lower limit shall apply at the transition frequency.

Note 2 Additional provisions may be required for cases where interference occurs.

Note 3 According to 15.109(g), as an alternative to the radiated emission limit shown above, digital devices may be shown to comply with the standards(CISPR), Pub. 22 shown as below.

| Frequency range (MHz) | Class A Equipment (10 m distance) | Class B Equipment (10 m distance) |
|-----------------------|-----------------------------------|-----------------------------------|
|                       | Quasi-peak (dB $\mu$ V/m)         | Quasi-peak (dB $\mu$ V/m)         |
| 30 to 230             | 40                                | 30                                |
| 230 to 1 000          | 47                                | 37                                |

### (2) Limits for Radiated Emission above 1 000MHz at a measuring distance of 3 m

| Frequency (GHz) | Class A Equipment   |                        | Class B Equipment   |                        |
|-----------------|---------------------|------------------------|---------------------|------------------------|
|                 | Peak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Peak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) |
| 1 to 40         | 80                  | 60                     | 74                  | 54                     |

Note) 1. Emission Level = Reading Value + Correction Factor.

2. Correction Factor = Cable loss - Amp gain + Antenna Factor

3. Margin = Limit - Emission level

## Test Result

< HDMI MODE\_30 MHz ~ 1 GHz >

### RADIATED EMISSION

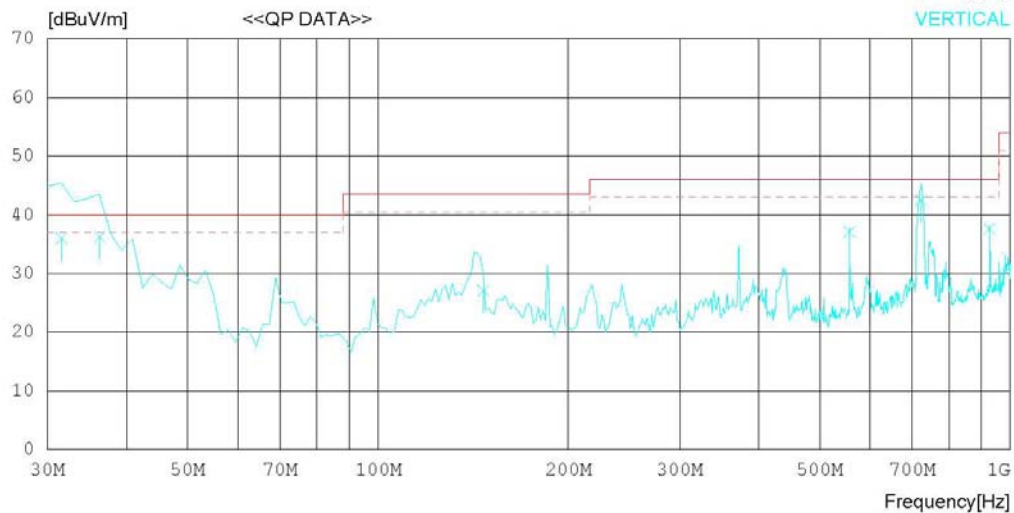
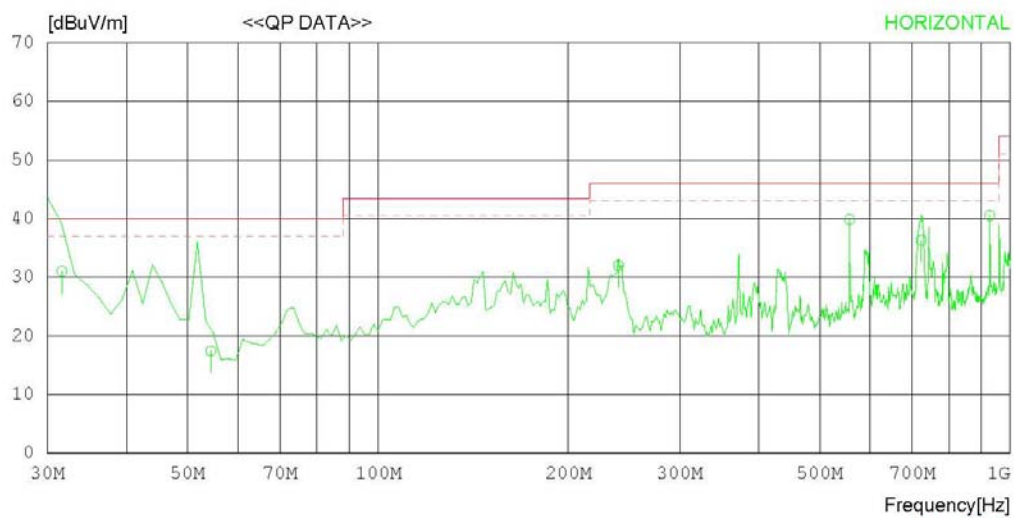
Date : 2013-02-07

Model Name : 42LA6205-UA  
Model No. :  
Serial No. :  
Test Condition : HDMI

Reference No. :  
Power Supply : 120V 60Hz  
Temp/Humi : 20 °C 40 % R.H.  
Operator :

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m)  
MARGIN: 3 dB



## RADIATED EMISSION

Date : 2013-02-07

Model Name : 42LA6205-UA  
Model No. :  
Serial No. :  
Test Condition : HDMI

Reference No. :  
Power Supply : 120V 60Hz  
Temp/Humi : 20 °C 40 % R.H.  
Operator :

Memo :

LIMIT : FCC Part15 Subpart B Class B (3m)  
MARGIN: 3 dB

| No.                    | FREQ<br>[MHz] | READING<br>QP<br>[dBuV] | ANT<br>FACTOR<br>[dB] | LOSS<br>[dB] | GAIN<br>[dB] | RESULT<br>[dBuV/m] | LIMIT<br>[dBuV/m] | MARGIN<br>[dB] | ANTENNA<br>[cm] | TABLE<br>[DEG] |
|------------------------|---------------|-------------------------|-----------------------|--------------|--------------|--------------------|-------------------|----------------|-----------------|----------------|
| ----- Horizontal ----- |               |                         |                       |              |              |                    |                   |                |                 |                |
| 1                      | 31.600        | 36.3                    | 17.0                  | 0.9          | 23.2         | 31.0               | 40.0              | 9.0            | 100             | 358            |
| 2                      | 54.372        | 31.7                    | 7.0                   | 1.4          | 22.7         | 17.4               | 40.0              | 22.6           | 210             | 247            |
| 3                      | 556.894       | 42.7                    | 18.1                  | 3.8          | 24.8         | 39.8               | 46.0              | 6.2            | 100             | 154            |
| 4                      | 240.000       | 41.0                    | 12.1                  | 2.5          | 23.6         | 32.0               | 46.0              | 14.0           | 100             | 204            |
| 5                      | 723.302       | 36.9                    | 18.9                  | 4.6          | 24.1         | 36.3               | 46.0              | 9.7            | 201             | 163            |
| 6                      | 928.162       | 37.0                    | 21.2                  | 5.3          | 23.0         | 40.5               | 46.0              | 5.5            | 100             | 358            |
| ----- Vertical -----   |               |                         |                       |              |              |                    |                   |                |                 |                |
| 7                      | 31.576        | 41.2                    | 17.1                  | 0.9          | 23.2         | 36.0               | 40.0              | 4.0            | 100             | 311            |
| 8                      | 36.300        | 43.6                    | 14.6                  | 1.1          | 23.1         | 36.2               | 40.0              | 3.8            | 100             | 139            |
| 9                      | 146.648       | 37.9                    | 10.6                  | 1.7          | 23.1         | 27.1               | 43.5              | 16.4           | 100             | 19             |
| 10                     | 556.894       | 40.0                    | 18.1                  | 3.8          | 24.8         | 37.1               | 46.0              | 8.9            | 100             | 1              |
| 11                     | 723.522       | 43.1                    | 18.9                  | 4.6          | 24.1         | 42.5               | 46.0              | 3.5            | 100             | 211            |
| 12                     | 928.166       | 34.1                    | 21.2                  | 5.3          | 23.0         | 37.6               | 46.0              | 8.4            | 100             | 1              |

< HDMI MODE \_ (1 ~ 6) GHz \_ Peak >

## RADIATED EMISSION

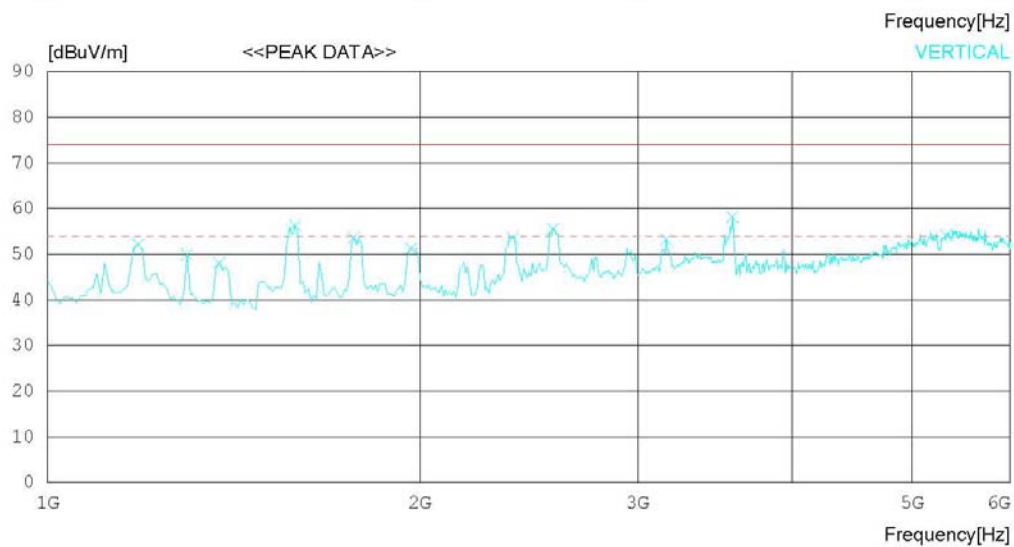
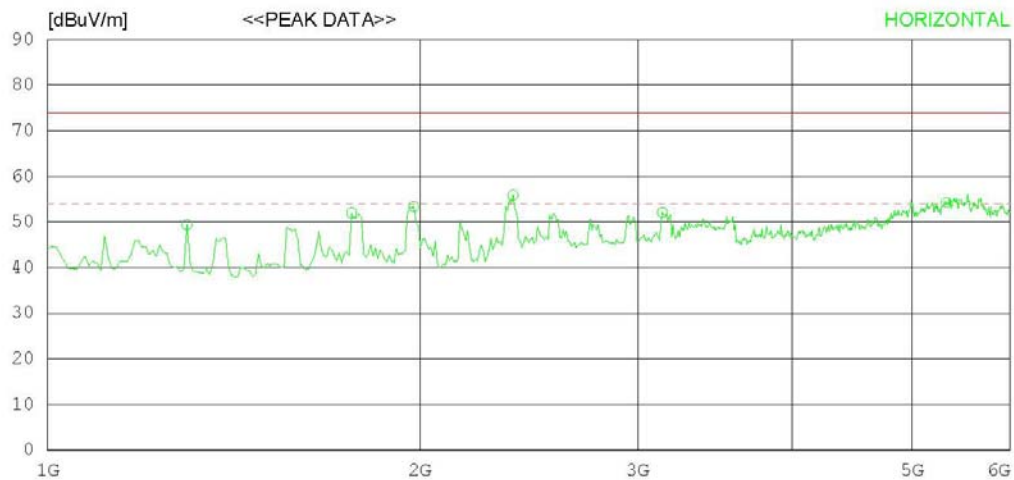
Date : 2013-02-07

Model Name : 42LA6205-UA  
Model No. :  
Serial No. :  
Test Condition : HDMI

Reference No. :  
Power Supply : 120V 60Hz  
Temp/Humi : 20 °C 40 % R.H.  
Operator :

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Peak)  
FCC Part15 Subpart.B Class B (3m) - 18G(Avg)



## RADIATED EMISSION

Date : 2013-02-07

|                          |                             |
|--------------------------|-----------------------------|
| Model Name : 42LA6205-UA | Reference No. :             |
| Model No. :              | Power Supply : 120V 60Hz    |
| Serial No. :             | Temp/Humi : 20 °C 40 % R.H. |
| Test Condition : HDMI    | Operator :                  |

Memo :

LIMIT : FCC Part15 Subpart B Class B (3m) - 18G(Peak)  
FCC Part15 Subpart B Class B (3m) - 18G(Avg)

| No.                    | FREQ<br>[MHz] | READING<br>PEAK<br>[dBuV] | ANT<br>FACTOR<br>[dB] | LOSS<br>[dB] | GAIN<br>[dB] | RESULT<br>[dBuV/m] | LIMIT<br>[dBuV/m] | MARGIN<br>[dB] | ANTENNA<br>[cm] | TABLE<br>[DEG] |
|------------------------|---------------|---------------------------|-----------------------|--------------|--------------|--------------------|-------------------|----------------|-----------------|----------------|
| ----- Horizontal ----- |               |                           |                       |              |              |                    |                   |                |                 |                |
| 1                      | 1296.474      | 46.8                      | 24.3                  | 6.8          | 28.5         | 49.4               | 74.0              | 24.6           | 100             | 171            |
| 2                      | 1761.218      | 47.9                      | 24.6                  | 8.0          | 28.5         | 52.0               | 74.0              | 22             | 100             | 211            |
| 3                      | 1977.564      | 48.9                      | 24.6                  | 8.4          | 28.5         | 53.4               | 74.0              | 20.6           | 100             | 1              |
| 4                      | 2378.210      | 48.4                      | 26.7                  | 9.3          | 28.5         | 55.9               | 74.0              | 18.1           | 100             | 1              |
| 5                      | 3139.439      | 40.7                      | 29.0                  | 10.8         | 28.4         | 52.1               | 74.0              | 21.9           | 100             | 250            |
| 6                      | 5326.934      | 33.1                      | 34.2                  | 15.1         | 28.1         | 54.3               | 74.0              | 19.7           | 100             | 1              |
| ----- Vertical -----   |               |                           |                       |              |              |                    |                   |                |                 |                |
| 7                      | 1184.295      | 50.0                      | 24.2                  | 6.4          | 28.5         | 52.1               | 74.0              | 21.9           | 100             | 180            |
| 8                      | 1296.474      | 47.4                      | 24.3                  | 6.8          | 28.5         | 50.0               | 74.0              | 24             | 100             | 358            |
| 9                      | 1376.602      | 45.0                      | 24.5                  | 7.1          | 28.5         | 48.1               | 74.0              | 25.9           | 100             | 358            |
| 10                     | 1584.936      | 52.5                      | 24.6                  | 7.7          | 28.5         | 56.3               | 74.0              | 17.7           | 100             | 358            |
| 11                     | 1769.230      | 49.6                      | 24.6                  | 8.0          | 28.5         | 53.7               | 74.0              | 20.3           | 100             | 238            |
| 12                     | 1969.551      | 46.8                      | 24.6                  | 8.4          | 28.5         | 51.3               | 74.0              | 22.7           | 100             | 133            |
| 13                     | 2378.210      | 46.1                      | 26.7                  | 9.3          | 28.5         | 53.6               | 74.0              | 20.4           | 100             | 224            |
| 14                     | 2562.507      | 46.7                      | 27.6                  | 9.7          | 28.4         | 55.6               | 74.0              | 18.4           | 100             | 358            |
| 15                     | 3163.478      | 41.8                      | 28.9                  | 10.9         | 28.4         | 53.2               | 74.0              | 20.8           | 100             | 217            |
| 16                     | 3580.151      | 45.5                      | 29.1                  | 11.9         | 28.3         | 58.2               | 74.0              | 15.8           | 100             | 186            |
| 17                     | 5326.934      | 33.0                      | 34.2                  | 15.1         | 28.1         | 54.2               | 74.0              | 19.8           | 100             | 146            |

< HDMI MODE \_ (1 ~ 6) GHz \_ Average >

## RADIATED EMISSION

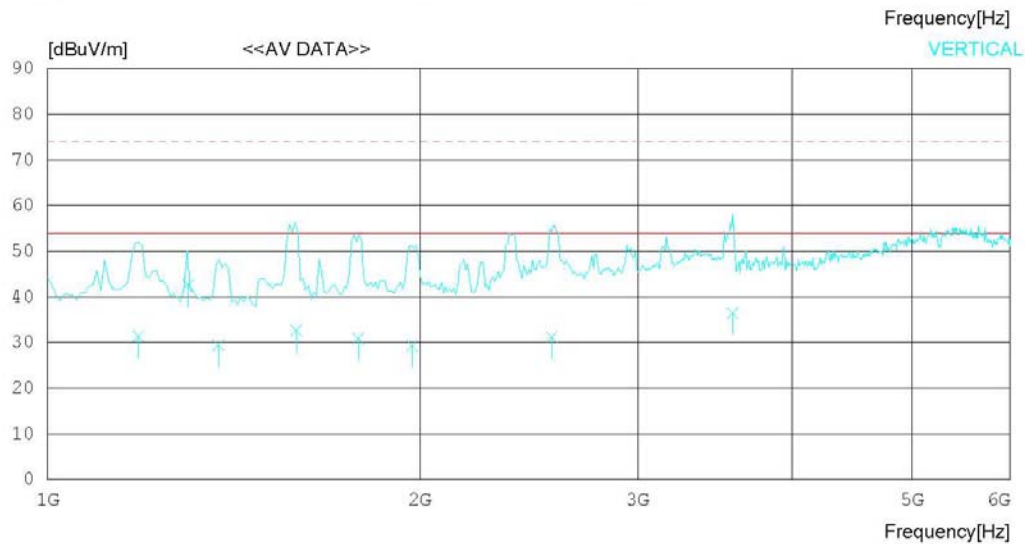
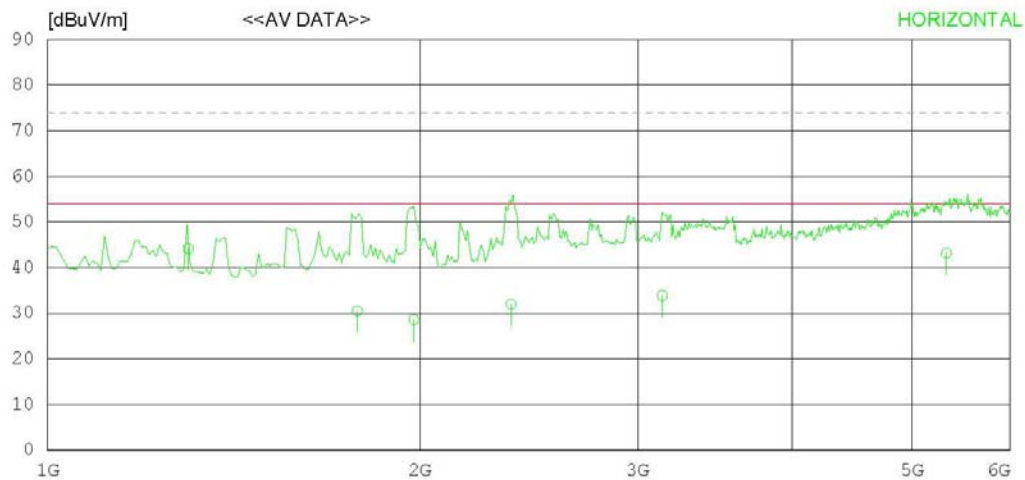
Date : 2013-02-07

Model Name : 42LA6205-UA  
Model No. :  
Serial No. :  
Test Condition : HDMI

Reference No. :  
Power Supply : 120V 60Hz  
Temp/Humi : 20 °C 40 % R.H.  
Operator :

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Avg)  
FCC Part15 Subpart.B Class B (3m) - 18G(Peak)



## RADIATED EMISSION

Date : 2013-02-07

|                          |                             |
|--------------------------|-----------------------------|
| Model Name : 42LA6205-UA | Reference No. :             |
| Model No. :              | Power Supply : 120V 60Hz    |
| Serial No. :             | Temp/Humi : 20 °C 40 % R.H. |
| Test Condition : HDMI    | Operator :                  |

Memo :

LIMIT : FCC Part15 Subpart B Class B (3m) - 18G(Avg)  
FCC Part15 Subpart B Class B (3m) - 18G(Peak)

| No.                    | FREQ<br>[MHz] | READING<br>AV<br>[dBuV] | ANT<br>FACTOR<br>[dB] | LOSS<br>[dB] | GAIN<br>[dB] | RESULT<br>[dBuV/m] | LIMIT<br>[dBuV/m] | MARGIN<br>[dB] | ANTENNA<br>[cm] | TABLE<br>[DEG] |
|------------------------|---------------|-------------------------|-----------------------|--------------|--------------|--------------------|-------------------|----------------|-----------------|----------------|
| ----- Horizontal ----- |               |                         |                       |              |              |                    |                   |                |                 |                |
| 1                      | 1299.650      | 41.6                    | 24.3                  | 6.8          | 28.5         | 44.2               | 54.0              | 9.8            | 100             | 171            |
| 2                      | 1780.246      | 26.4                    | 24.6                  | 8.0          | 28.5         | 30.5               | 54.0              | 23.5           | 100             | 211            |
| 3                      | 1977.564      | 24.1                    | 24.6                  | 8.4          | 28.5         | 28.6               | 54.0              | 25.4           | 100             | 1              |
| 4                      | 2368.897      | 24.5                    | 26.7                  | 9.3          | 28.5         | 32.0               | 54.0              | 22.0           | 100             | 1              |
| 5                      | 3139.439      | 22.5                    | 29.0                  | 10.8         | 28.4         | 33.9               | 54.0              | 20.1           | 100             | 250            |
| 6                      | 5326.934      | 22.0                    | 34.2                  | 15.1         | 28.1         | 43.2               | 54.0              | 10.8           | 100             | 1              |
| ----- Vertical -----   |               |                         |                       |              |              |                    |                   |                |                 |                |
| 7                      | 1184.321      | 29.3                    | 24.2                  | 6.4          | 28.5         | 31.4               | 54.0              | 22.6           | 100             | 207            |
| 8                      | 1299.647      | 40.1                    | 24.3                  | 6.8          | 28.5         | 42.7               | 54.0              | 11.3           | 100             | 358            |
| 9                      | 1374.510      | 26.4                    | 24.5                  | 7.1          | 28.5         | 29.5               | 54.0              | 24.5           | 100             | 358            |
| 10                     | 1589.086      | 28.9                    | 24.6                  | 7.7          | 28.5         | 32.7               | 54.0              | 21.3           | 100             | 358            |
| 11                     | 1783.083      | 26.8                    | 24.6                  | 8.0          | 28.5         | 30.9               | 54.0              | 23.1           | 100             | 238            |
| 12                     | 1971.884      | 24.8                    | 24.6                  | 8.4          | 28.5         | 29.3               | 54.0              | 24.7           | 100             | 133            |
| 13                     | 2557.400      | 22.3                    | 27.6                  | 9.7          | 28.4         | 31.2               | 54.0              | 22.8           | 100             | 358            |
| 14                     | 3580.151      | 23.8                    | 29.1                  | 11.9         | 28.3         | 36.5               | 54.0              | 17.5           | 100             | 186            |

< USB MODE\_30 MHz ~ 1 GHz >

## RADIATED EMISSION

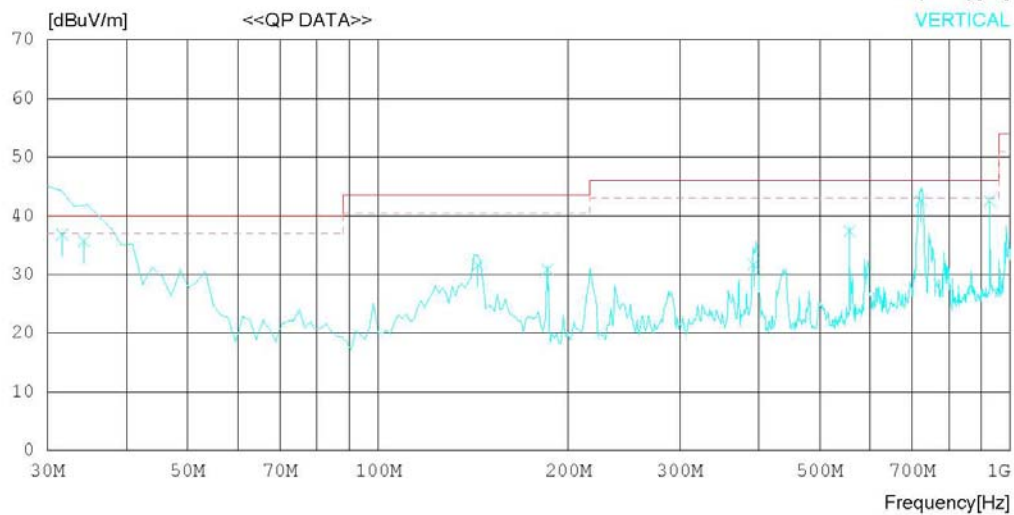
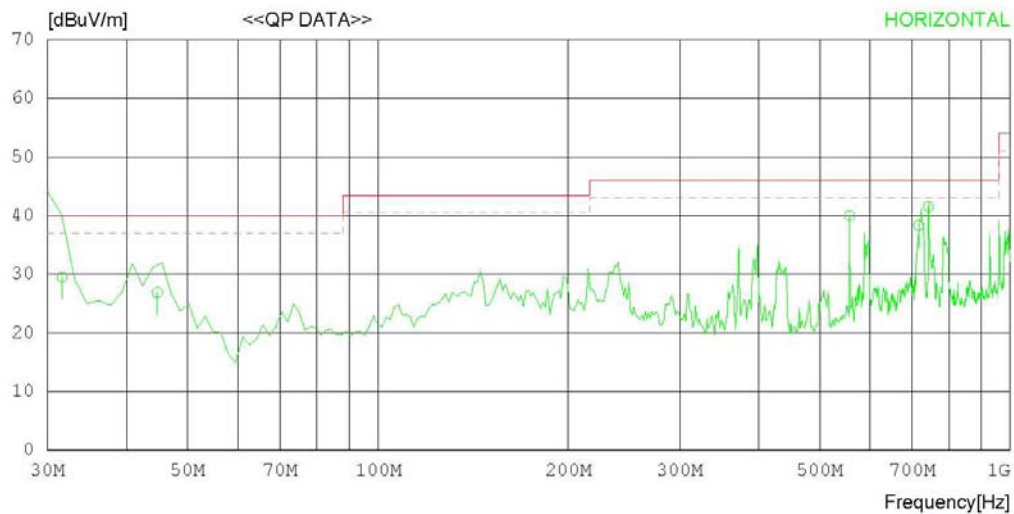
Date : 2013-02-07

Model Name : 42LA6205-UA  
Model No. :  
Serial No. :  
Test Condition : USB

Reference No. :  
Power Supply : 120V 60Hz  
Temp/Humi : 20 °C 40 % R.H.  
Operator :

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m)  
MARGIN: 3 dB



## RADIATED EMISSION

Date : 2013-02-07

Model Name : 42LA6205-UA  
Model No. :  
Serial No. :  
Test Condition : USB

Reference No. :  
Power Supply : 120V 60Hz  
Temp/Humi : 20 °C 40 % R.H.  
Operator :

Memo :

LIMIT : FCC Part15 Subpart B Class B (3m)  
MARGIN: 3 dB

| No.                    | FREQ<br>[MHz] | READING<br>QP<br>[dBuV] | ANT<br>FACTOR<br>[dB] | LOSS<br>[dB] | GAIN<br>[dB] | RESULT<br>[dBuV/m] | LIMIT<br>[dBuV/m] | MARGIN<br>[dB] | ANTENNA<br>[cm] | TABLE<br>[DEG] |
|------------------------|---------------|-------------------------|-----------------------|--------------|--------------|--------------------|-------------------|----------------|-----------------|----------------|
| ----- Horizontal ----- |               |                         |                       |              |              |                    |                   |                |                 |                |
| 1                      | 31.650        | 34.8                    | 17.0                  | 0.9          | 23.2         | 29.5               | 40.0              | 10.5           | 100             | 186            |
| 2                      | 44.767        | 34.9                    | 13.8                  | 1.1          | 22.9         | 26.9               | 40.0              | 13.1           | 219             | 358            |
| 3                      | 556.901       | 42.9                    | 18.1                  | 3.8          | 24.8         | 40.0               | 46.0              | 6.0            | 100             | 358            |
| 4                      | 716.538       | 39.0                    | 18.8                  | 4.6          | 24.1         | 38.3               | 46.0              | 7.7            | 200             | 165            |
| 5                      | 742.506       | 41.7                    | 19.2                  | 4.6          | 24.0         | 41.5               | 46.0              | 4.5            | 100             | 121            |
| ----- Vertical -----   |               |                         |                       |              |              |                    |                   |                |                 |                |
| 6                      | 31.651        | 42.1                    | 17.0                  | 0.9          | 23.2         | 36.8               | 40.0              | 3.2            | 199             | 315            |
| 7                      | 34.250        | 42.1                    | 15.7                  | 1.0          | 23.1         | 35.7               | 40.0              | 4.3            | 100             | 1              |
| 8                      | 392.803       | 36.7                    | 15.9                  | 3.5          | 24.4         | 31.7               | 46.0              | 14.3           | 100             | 241            |
| 9                      | 143.759       | 42.1                    | 10.8                  | 1.7          | 23.0         | 31.6               | 43.5              | 11.9           | 100             | 25             |
| 10                     | 185.639       | 42.3                    | 9.7                   | 2.2          | 23.3         | 30.9               | 43.5              | 12.6           | 100             | 199            |
| 11                     | 556.881       | 40.3                    | 18.1                  | 3.8          | 24.8         | 37.4               | 46.0              | 8.6            | 100             | 98             |
| 12                     | 723.302       | 43.2                    | 18.9                  | 4.6          | 24.1         | 42.6               | 46.0              | 3.4            | 100             | 185            |
| 13                     | 928.154       | 39.0                    | 21.2                  | 5.3          | 23.0         | 42.5               | 46.0              | 3.5            | 100             | 155            |

< USB MODE \_ (1 ~ 6) GHz \_ Peak >

## RADIATED EMISSION

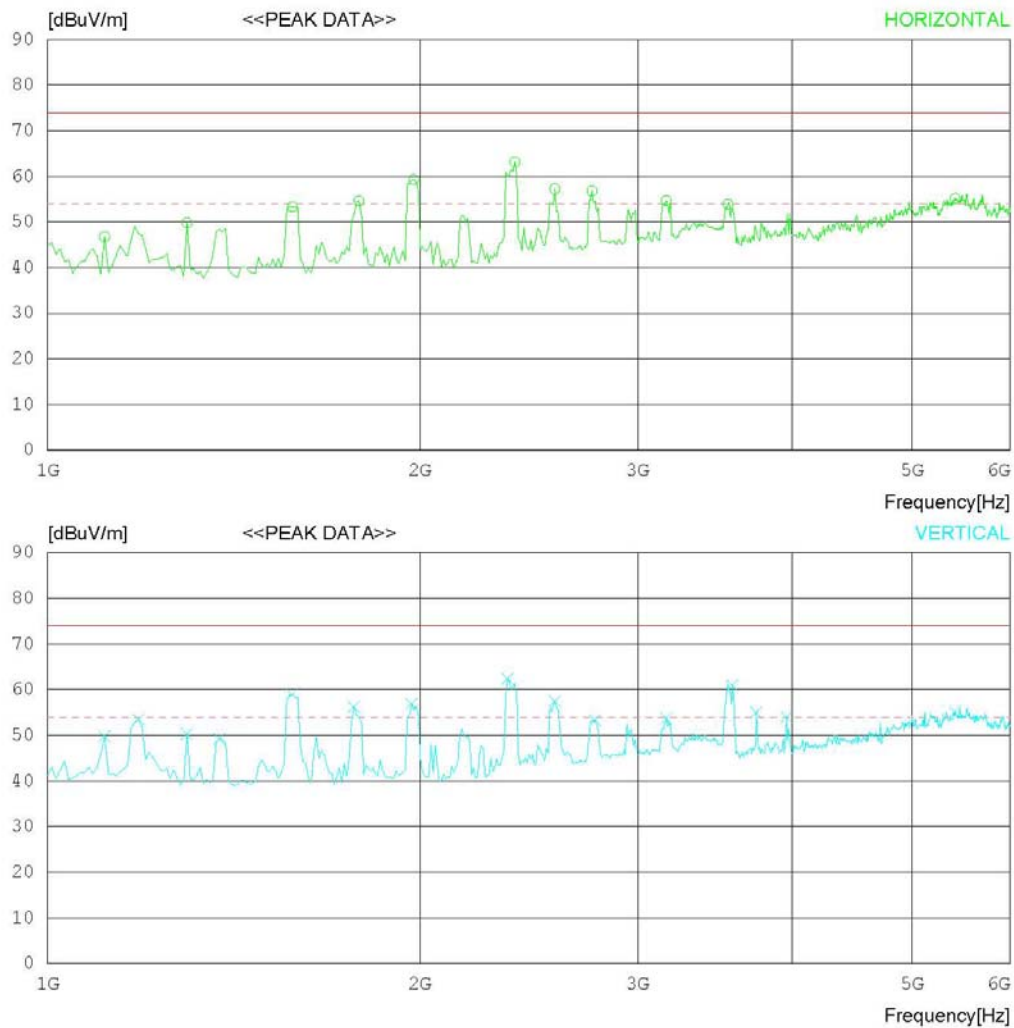
Date : 2013-02-07

Model Name : 42LA6205-UA  
Model No. :  
Serial No. :  
Test Condition : USB

Reference No. :  
Power Supply : 120V 60Hz  
Temp/Humi : 20 °C 40 % R.H.  
Operator :

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Peak)  
FCC Part15 Subpart.B Class B (3m) - 18G(Avg)



## RADIATED EMISSION

Date : 2013-02-07

Model Name : 42LA6205-UA  
Model No. :  
Serial No. :  
Test Condition : USB

Reference No. :  
Power Supply : 120V 60Hz  
Temp/Humi : 20 °C 40 % R.H.  
Operator :

Memo :

LIMIT : FCC Part15 Subpart B Class B (3m) - 18G(Peak)  
FCC Part15 Subpart B Class B (3m) - 18G(Avg)

| No.                    | FREQ<br>[MHz] | READING<br>PEAK<br>[dBuV] | ANT<br>FACTOR<br>[dB] | LOSS<br>[dB] | GAIN<br>[dB] | RESULT<br>[dBuV/m] | LIMIT<br>[dBuV/m] | MARGIN<br>[dB] | ANTENNA<br>[cm] | TABLE<br>[DEG] |
|------------------------|---------------|---------------------------|-----------------------|--------------|--------------|--------------------|-------------------|----------------|-----------------|----------------|
| ----- Horizontal ----- |               |                           |                       |              |              |                    |                   |                |                 |                |
| 1                      | 1112.179      | 45.2                      | 24.0                  | 6.1          | 28.5         | 46.8               | 74.0              | 27.2           | 100             | 1              |
| 2                      | 1296.474      | 47.2                      | 24.3                  | 6.8          | 28.5         | 49.8               | 74.0              | 24.2           | 100             | 1              |
| 3                      | 1576.923      | 49.6                      | 24.6                  | 7.6          | 28.5         | 53.3               | 74.0              | 20.7           | 100             | 166            |
| 4                      | 1785.256      | 50.5                      | 24.6                  | 8.0          | 28.5         | 54.6               | 74.0              | 19.4           | 100             | 1              |
| 5                      | 1977.564      | 54.8                      | 24.6                  | 8.4          | 28.5         | 59.3               | 74.0              | 14.7           | 100             | 1              |
| 6                      | 2386.223      | 55.6                      | 26.8                  | 9.3          | 28.5         | 63.2               | 74.0              | 10.8           | 100             | 219            |
| 7                      | 2570.520      | 48.3                      | 27.7                  | 9.7          | 28.4         | 57.3               | 74.0              | 16.7           | 100             | 1              |
| 8                      | 2754.818      | 47.0                      | 28.2                  | 10.0         | 28.4         | 56.8               | 74.0              | 17.2           | 100             | 186            |
| 9                      | 3163.478      | 43.3                      | 28.9                  | 10.9         | 28.4         | 54.7               | 74.0              | 19.3           | 100             | 233            |
| 10                     | 3548.099      | 41.4                      | 29.0                  | 11.8         | 28.3         | 53.9               | 74.0              | 20.1           | 100             | 241            |
| 11                     | 5415.074      | 33.8                      | 34.6                  | 14.9         | 28.1         | 55.2               | 74.0              | 18.8           | 100             | 1              |
| ----- Vertical -----   |               |                           |                       |              |              |                    |                   |                |                 |                |
| 12                     | 1112.179      | 48.2                      | 24.0                  | 6.1          | 28.5         | 49.8               | 74.0              | 24.2           | 100             | 186            |
| 13                     | 1184.295      | 51.4                      | 24.2                  | 6.4          | 28.5         | 53.5               | 74.0              | 20.5           | 100             | 186            |
| 14                     | 1296.474      | 47.8                      | 24.3                  | 6.8          | 28.5         | 50.4               | 74.0              | 23.6           | 100             | 203            |
| 15                     | 1376.602      | 46.1                      | 24.5                  | 7.1          | 28.5         | 49.2               | 74.0              | 24.8           | 100             | 358            |
| 16                     | 1576.923      | 55.3                      | 24.6                  | 7.6          | 28.5         | 59.0               | 74.0              | 15             | 100             | 212            |
| 17                     | 1769.230      | 52.2                      | 24.6                  | 8.0          | 28.5         | 56.3               | 74.0              | 17.7           | 100             | 358            |
| 18                     | 1969.551      | 52.4                      | 24.6                  | 8.4          | 28.5         | 56.9               | 74.0              | 17.1           | 100             | 188            |
| 19                     | 2354.171      | 55.1                      | 26.6                  | 9.2          | 28.5         | 62.4               | 74.0              | 11.6           | 100             | 358            |
| 20                     | 2570.520      | 48.5                      | 27.7                  | 9.7          | 28.4         | 57.5               | 74.0              | 16.5           | 100             | 166            |
| 21                     | 2770.844      | 43.3                      | 28.3                  | 10.1         | 28.4         | 53.3               | 74.0              | 20.7           | 100             | 214            |
| 22                     | 3163.478      | 42.3                      | 28.9                  | 10.9         | 28.4         | 53.7               | 74.0              | 20.3           | 100             | 358            |
| 23                     | 3580.151      | 48.2                      | 29.1                  | 11.9         | 28.3         | 60.9               | 74.0              | 13.1           | 100             | 358            |
| 24                     | 3740.409      | 41.5                      | 29.5                  | 12.3         | 28.3         | 55.0               | 74.0              | 19             | 100             | 358            |
| 25                     | 3956.759      | 39.5                      | 30.0                  | 12.8         | 28.3         | 54.0               | 74.0              | 20             | 100             | 194            |
| 26                     | 5415.074      | 33.7                      | 34.6                  | 14.9         | 28.1         | 55.1               | 74.0              | 18.9           | 100             | 322            |

< USB MODE \_ (1 ~ 6) GHz \_ Average >

## RADIATED EMISSION

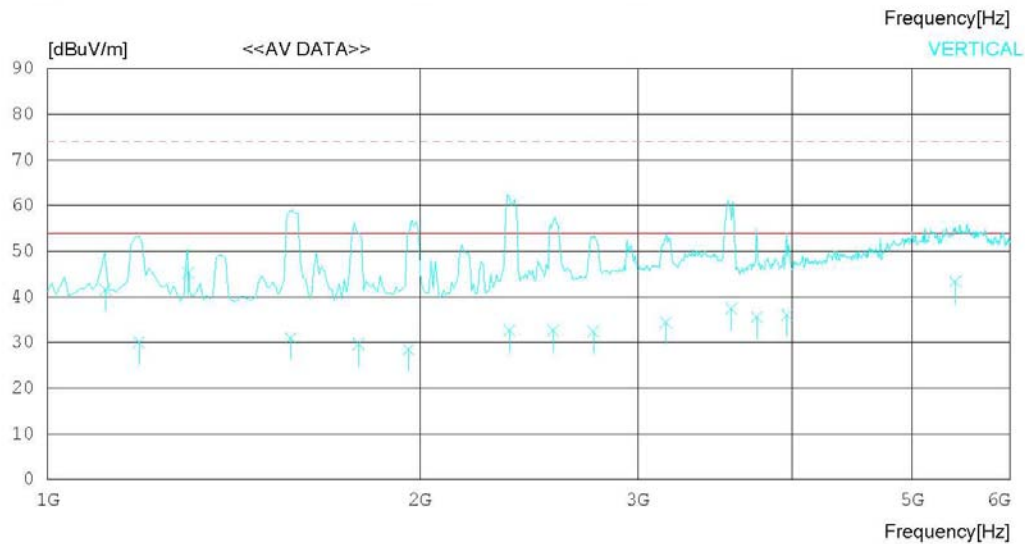
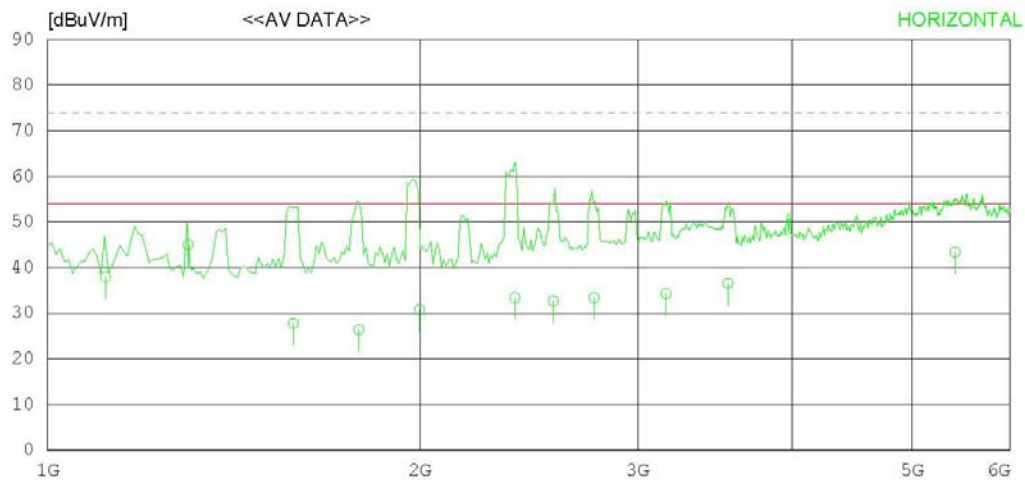
Date : 2013-02-07

Model Name : 42LA6205-UA  
Model No. :  
Serial No. :  
Test Condition : USB

Reference No. :  
Power Supply : 120V 60Hz  
Temp/Humi : 20 °C 40 % R.H.  
Operator :

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Avg)  
FCC Part15 Subpart.B Class B (3m) - 18G(Peak)



## RADIATED EMISSION

Date : 2013-02-07

Model Name : 42LA6205-UA  
Model No. :  
Serial No. :  
Test Condition : USB

Reference No. :  
Power Supply : 120V 60Hz  
Temp/Humi : 20 °C 40 % R.H.  
Operator :

Memo :

LIMIT : FCC Part15 Subpart B Class B (3m) - 18G(Avg)  
FCC Part15 Subpart B Class B (3m) - 18G(Peak)

| No.                    | FREQ<br>[MHz] | READING<br>AV<br>[dBuV] | ANT<br>FACTOR<br>[dB] | LOSS<br>[dB] | GAIN<br>[dB] | RESULT<br>[dBuV/m] | LIMIT<br>[dBuV/m] | MARGIN<br>[dB] | ANTENNA<br>[cm] | TABLE<br>[DEG] |
|------------------------|---------------|-------------------------|-----------------------|--------------|--------------|--------------------|-------------------|----------------|-----------------|----------------|
| ----- Horizontal ----- |               |                         |                       |              |              |                    |                   |                |                 |                |
| 1                      | 1113.817      | 36.4                    | 24.0                  | 6.1          | 28.5         | 38.0               | 54.0              | 16.0           | 100             | 180            |
| 2                      | 1299.438      | 42.4                    | 24.3                  | 6.8          | 28.5         | 45.0               | 54.0              | 9.0            | 100             | 165            |
| 3                      | 1579.894      | 24.0                    | 24.6                  | 7.7          | 28.5         | 27.8               | 54.0              | 26.2           | 100             | 166            |
| 4                      | 1785.256      | 22.3                    | 24.6                  | 8.0          | 28.5         | 26.4               | 54.0              | 27.6           | 100             | 1              |
| 5                      | 1998.265      | 26.3                    | 24.6                  | 8.4          | 28.5         | 30.8               | 54.0              | 23.2           | 100             | 1              |
| 6                      | 2386.198      | 25.8                    | 26.8                  | 9.3          | 28.5         | 33.4               | 54.0              | 20.6           | 100             | 219            |
| 7                      | 2562.987      | 23.8                    | 27.6                  | 9.7          | 28.4         | 32.7               | 54.0              | 21.3           | 100             | 187            |
| 8                      | 2765.858      | 23.4                    | 28.3                  | 10.1         | 28.4         | 33.4               | 54.0              | 20.6           | 100             | 186            |
| 9                      | 3162.000      | 22.9                    | 28.9                  | 10.9         | 28.4         | 34.3               | 54.0              | 19.7           | 100             | 233            |
| 10                     | 3548.099      | 24.1                    | 29.0                  | 11.8         | 28.3         | 36.6               | 54.0              | 17.4           | 100             | 241            |
| 11                     | 5415.074      | 22.0                    | 34.6                  | 14.9         | 28.1         | 43.4               | 54.0              | 10.6           | 100             | 94             |
| ----- Vertical -----   |               |                         |                       |              |              |                    |                   |                |                 |                |
| 12                     | 1113.817      | 40.0                    | 24.0                  | 6.1          | 28.5         | 41.6               | 54.0              | 12.4           | 100             | 186            |
| 13                     | 1185.321      | 28.0                    | 24.2                  | 6.4          | 28.5         | 30.1               | 54.0              | 23.9           | 100             | 186            |
| 14                     | 1299.437      | 42.7                    | 24.3                  | 6.8          | 28.5         | 45.3               | 54.0              | 8.7            | 100             | 188            |
| 15                     | 1571.994      | 27.3                    | 24.6                  | 7.6          | 28.5         | 31.0               | 54.0              | 23.0           | 100             | 212            |
| 16                     | 1784.465      | 25.6                    | 24.6                  | 8.0          | 28.5         | 29.7               | 54.0              | 24.3           | 100             | 74             |
| 17                     | 1958.609      | 24.0                    | 24.6                  | 8.4          | 28.5         | 28.5               | 54.0              | 25.5           | 100             | 188            |
| 18                     | 2363.855      | 25.3                    | 26.7                  | 9.2          | 28.5         | 32.7               | 54.0              | 21.3           | 100             | 241            |
| 19                     | 2562.788      | 23.8                    | 27.6                  | 9.7          | 28.4         | 32.7               | 54.0              | 21.3           | 100             | 166            |
| 20                     | 2761.718      | 22.5                    | 28.3                  | 10.0         | 28.4         | 32.4               | 54.0              | 21.6           | 100             | 214            |
| 21                     | 3160.455      | 23.0                    | 28.9                  | 10.9         | 28.4         | 34.4               | 54.0              | 19.6           | 100             | 180            |
| 22                     | 3570.064      | 24.8                    | 29.1                  | 11.9         | 28.3         | 37.5               | 54.0              | 16.5           | 100             | 358            |
| 23                     | 3743.198      | 22.1                    | 29.5                  | 12.3         | 28.3         | 35.6               | 54.0              | 18.4           | 100             | 358            |
| 24                     | 3959.923      | 21.6                    | 30.0                  | 12.8         | 28.3         | 36.1               | 54.0              | 17.9           | 100             | 194            |
| 25                     | 5415.074      | 22.0                    | 34.6                  | 14.9         | 28.1         | 43.4               | 54.0              | 10.6           | 100             | 322            |

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## Appendix 1

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### List of Test and Measurement Instruments

To facilitate inclusion on each page of the test equipment used for related tests, each item of test equipment is identified by the Test Laboratory.

## 1. Conducted Disturbance

| Name of Instrument                                    | Model No.  | Manufacturer       | Serial No. | Cal. Date  | Next Cal. Date |
|-------------------------------------------------------|------------|--------------------|------------|------------|----------------|
| <input type="checkbox"/> SPECTRUM ANALYZER            | 8591E      | H/P                | 3649A05889 | 2012.03.05 | 2013.03.05     |
| <input type="checkbox"/> RFI/FIELD INTENSITY METER    | KNM-2402   | KYORITSU           | 4N-170-3   | 2012.07.02 | 2013.07.02     |
| <input type="checkbox"/> LISN                         | KNW-407    | KYORITSU           | 8-317-8    | 2013.01.08 | 2014.01.08     |
| <input type="checkbox"/> LISN                         | PMM L2-16B | NARDA S.T.S. / PMM | 000WX20305 | 2012.07.25 | 2013.07.25     |
| <input type="checkbox"/> 50 OHM TERMINATOR            | CT-01      | TME                | N/A        | 2013.01.08 | 2014.01.08     |
| <input checked="" type="checkbox"/> EMI TEST RECEIVER | ESCI       | ROHDE & SCHWARZ    | 100364     | 2012.03.06 | 2013.03.06     |
| <input checked="" type="checkbox"/> LISN              | ESH2-Z5    | ROHDE & SCHWARZ    | 828739/006 | 2012.09.18 | 2013.09.18     |
| <input checked="" type="checkbox"/> LISN              | LISN1600   | TTI                | 197204     | 2012.07.02 | 2013.07.02     |
| <input checked="" type="checkbox"/> 50 OHM TERMINATOR | CT-01      | TME                | N/A        | 2013.01.08 | 2014.01.08     |

## 2. Radiated Disturbance

| Name of Instrument                                    | Model No.         | Manufacturer    | Serial No. | Cal. Date  | Next Cal. Date |
|-------------------------------------------------------|-------------------|-----------------|------------|------------|----------------|
| <input checked="" type="checkbox"/> EMI TEST RECEIVER | ESU               | ROHDE & SCHWARZ | 100014     | 2013.01.08 | 2014.01.08     |
| <input checked="" type="checkbox"/> BILOG ANTENNA     | CBL6112B          | SCHAFFNER       | 2737       | 2012.03.22 | 2014.03.22     |
| <input checked="" type="checkbox"/> HORN ANTENNA      | BBHA9120A         | SCHWARZBECK     | 322        | 2012.05.15 | 2014.05.15     |
| <input checked="" type="checkbox"/> AMPLIFIER         | 8447E             | H/P             | 2945A02865 | 2013.01.08 | 2014.01.08     |
| <input checked="" type="checkbox"/> AMPLIFIER         | MLA-100M18-B01-25 | TSJ             | 1719458    | 2012.06.04 | 2013.06.04     |
| <input type="checkbox"/> SPECTRUM ANALYZER            | E4411B            | AGILENT         | US41062735 | 2012.07.11 | 2013.07.11     |
| <input type="checkbox"/> AMPLIFIER                    | 8447D             | AGILENT         | 2443A03690 | 2012.07.01 | 2013.07.01     |
| <input type="checkbox"/> EMI TEST RECEIVER            | ESCI              | ROHDE & SCHWARZ | 100364     | 2012.03.06 | 2013.03.06     |
| <input type="checkbox"/> BICONICAL ANT.               | VHA 9103          | SCHWARZBECK     | 91032789   | 2012.04.10 | 2014.04.10     |
| <input type="checkbox"/> LOG-PERIODIC ANT.            | UHALP 9108A       | SCHWARZBECK     | 590        | 2012.04.10 | 2014.04.10     |
| <input type="checkbox"/> BICONICAL ANT.               | VHA 9103          | SCHWARZBECK     | 91031946   | 2012.03.12 | 2014.03.12     |
| <input type="checkbox"/> LOG-PERIODIC ANT.            | UHALP 9108-A1     | SCHWARZBECK     | 1098       | 2012.03.12 | 2014.03.12     |
| <input type="checkbox"/> AMPLIFIER                    | MLA-100K01-B01-26 | TSJ             | 1252741    | 2012.03.05 | 2013.03.05     |

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## Appendix 2

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### Report Revision History

| Revision Date | Description | Revised By | Revision Reviewed By |
|---------------|-------------|------------|----------------------|
| None          | Original    | N/A        | N/A                  |
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