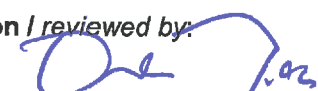


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                            |                                                                                                                                                                                                      |                             |                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------|
| <b>Prüfbericht-Nr.:</b><br><i>Test Report No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17051839 004                                                                                                               | <b>Auftrags-Nr.:</b><br><i>Order No.:</i>                                                                                                                                                            | 164042267                   | Seite 1 von 45<br>Page 1 of 45                   |
| <b>Kunden-Referenz-Nr.:</b><br><i>Client Reference No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | N/A                                                                                                                        | <b>Auftragsdatum:</b><br><i>Order date:</i>                                                                                                                                                          | 30.07.2015                  |                                                  |
| <b>Auftraggeber:</b><br><i>Client:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lightcomm Technology Co., Ltd.<br>RM1708-10, 17/F, PROSPERITY CENTRE, 25 CHONG YIP STREET, KWUN TONG, HONG KONG            |                                                                                                                                                                                                      |                             |                                                  |
| <b>Prüfgegenstand:</b><br><i>Test item:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10.1" Wi-Fi Android™ Tablet                                                                                                |                                                                                                                                                                                                      |                             |                                                  |
| <b>Bezeichnung / Typ-Nr.:</b><br><i>Identification / Type No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DL1018A, MID1016-MA                                                                                                        |                                                                                                                                                                                                      |                             |                                                  |
| <b>Auftrags-Inhalt:</b><br><i>Order content:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FCC Certification/Verification                                                                                             |                                                                                                                                                                                                      |                             |                                                  |
| <b>Prüfgrundlage:</b><br><i>Test specification:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CFR47 FCC Part 15: Subpart B Section 15.107<br>CFR47 FCC Part 15: Subpart B Section 15.109<br>ICES-003 Issue 5 August 2012 |                                                                                                                                                                                                      |                             |                                                  |
| <b>Wareneingangsdatum:</b><br><i>Date of receipt:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10.08.2015                                                                                                                 |                                                                                                                                                                                                      |                             |                                                  |
| <b>Prüfmuster-Nr.:</b><br><i>Test sample No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A000243804-007                                                                                                             |                                                                                                                                                                                                      |                             |                                                  |
| <b>Prüfzeitraum:</b><br><i>Testing period:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17.08.2015 - 24.08.2015                                                                                                    |                                                                                                                                                                                                      |                             |                                                  |
| <b>Ort der Prüfung:</b><br><i>Place of testing:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Shenzhen EMTEK Co., Ltd.                                                                                                   |                                                                                                                                                                                                      |                             |                                                  |
| <b>Prüflaboratorium:</b><br><i>Testing laboratory:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TÜV Rheinland (Shenzhen) Co., Ltd.                                                                                         |                                                                                                                                                                                                      |                             |                                                  |
| <b>Prüfergebnis*:</b><br><i>Test result*:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Pass                                                                                                                       |                                                                                                                                                                                                      |                             |                                                  |
| <b>geprüft von / tested by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                            | <b>kontrolliert von / reviewed by:</b>                                                                                                                                                               |                             |                                                  |
| <div style="text-align: center;"> <br/>           11.09.2015    Lin Lin/Project Manager         </div>                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                            | <div style="text-align: center;"> <br/>           11.09.2015    Owen Tian/Senior Project Manager         </div> |                             |                                                  |
| <b>Datum</b><br><i>Date</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Name / Stellung</b><br><i>Name / Position</i>                                                                           | <b>Unterschrift</b><br><i>Signature</i>                                                                                                                                                              | <b>Datum</b><br><i>Date</i> | <b>Name / Stellung</b><br><i>Name / Position</i> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                            |                                                                                                                                                                                                      |                             |                                                  |
| <b>Sonstiges / Other:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                            |                                                                                                                                                                                                      |                             |                                                  |
| <br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |                                                                                                                                                                                                      |                             |                                                  |
| <b>Zustand des Prüfgegenstandes bei Anlieferung:</b><br><i>Condition of the test item at delivery:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                            | Prüfmuster vollständig und unbeschädigt<br><i>Test item complete and undamaged</i>                                                                                                                   |                             |                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                            |                                                                                                                                                                                                      |                             |                                                  |
| * Legende:    1 = sehr gut            2 = gut            3 = befriedigend            4 = ausreichend            5 = mangelhaft<br>P(ass) = entspricht o.g. Prüfgrundlage(n)    F(ail) = entspricht nicht o.g. Prüfgrundlage(n)    N/A = nicht anwendbar    N/T = nicht getestet<br>Legend:    1 = very good            2 = good            3 = satisfactory            4 = sufficient            5 = poor<br>P(ass) = passed a.m. test specification(s)    F(ail) = failed a.m. test specification(s)    N/A = not applicable    N/T = not tested |                                                                                                                            |                                                                                                                                                                                                      |                             |                                                  |
| <b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b><br><i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>                                                                                        |                                                                                                                            |                                                                                                                                                                                                      |                             |                                                  |

v04

**Prüfbericht - Nr.: 17051839 004**  
*Test Report No.*

**Seite 2 von 45**  
*Page 2 of 45*

## TEST SUMMARY

### 5.1.1 CONDUCTED EMISSIONS

*RESULT: Pass*

### 5.2.1 RADIATED EMISSION

*RESULT: Pass*

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## 1. General Remarks

### 1.1 Complementary Materials

None.

## 2. Test Sites

### 2.1 Test Facilities

Shenzhen EMTEK Co., Ltd.

**(FCC Registration No.: 709623)**

Bldg 69, Majialong Industry Zone, Nanshan District,  
Shenzhen, Guangdong, P.R. China

The tests at the test site have been conducted under the supervision of a TÜV engineer.

## 2.2 List of Test and Measurement Instruments

**Table 1: List of Test and Measurement Equipment**

| Kind of Equipment         | Manufacturer    | Type               | S/N                             | Calibrated until |
|---------------------------|-----------------|--------------------|---------------------------------|------------------|
| <b>Radiated Emissions</b> |                 |                    |                                 |                  |
| EMI Test Receiver         | Rohde & Schwarz | ESU                | 1302.6005.26                    | 2016-05-16       |
| Loop Antenna              | Schwarzbeck     | FMZB 1519          | 1519-012                        | 2016-05-16       |
| Cable                     | H+B             | 3M SF104-26.5      | 295838/4                        | 2016-05-28       |
| Cable                     | H+B             | 6M SF104-26.5      | 295840/4                        | 2016-05-28       |
| Pre-Amplifier             | HP              | 8447F              | 2944A07999                      | 2016-05-16       |
| Bilog Antenna             | Schwarzbeck     | VULB9163           | 142                             | 2016-05-28       |
| Cable                     | Schwarzbeck     | AK9513             | ACRX1                           | 2016-05-16       |
| Cable                     | Rosenberger     | N/A                | FP2RX2                          | 2016-05-16       |
| Cable                     | Schwarzbeck     | AK9513             | CRPX1                           | 2016-05-28       |
| Cable                     | Schwarzbeck     | AK9513             | CRRX2                           | 2016-05-28       |
| Pre-Amplifier             | A.H.            | PAM-0126           | 1415261                         | 2016-05-16       |
| Horn Antenna              | Schwarzbeck     | BBHA 9120          | 707                             | 2016-05-28       |
| Pre-Amplifier             | A.H.            | PAM-0126           | 1415261                         | 2016-05-16       |
| Horn Antenna              | Schwarzbeck     | BBHA 9170          | BBHA91703<br>99                 | 2016-05-16       |
| EMI Test Receiver         | Rohde & Schwarz | FSV40              | 132.1-<br>3008K39-<br>100967-AP | 2016-05-16       |
| Pre-Amplifier             | Lunar EM        | LNA26G40-40        | J101313102<br>8001              | 2016-05-16       |
| Horn Antenna              | AHS/USA         | SAS-573            | 184                             | 2016-05-16       |
| Cable                     | H+B             | 0.5M<br>SF104-26.5 | 289147/4                        | 2016-05-16       |
| Cable                     | H+B             | 3M SF104-26.5      | 295838/4                        | 2016-05-16       |
| Cable                     | H+B             | 6M SF104-26.5      | 295840/4                        | 2016-05-16       |
| <b>Conducted Emission</b> |                 |                    |                                 |                  |
| Test Receiver             | Rohde & Schwarz | ESCS30             | 828985/018                      | 2016-05-16       |
| L.I.S.N.                  | Schwarzbeck     | NNLK8129           | 8129203                         | 2016-05-16       |
| Pulse Limiter             | Rohde & Schwarz | ESH3-Z2            | 100006                          | 2016-05-16       |
| Voltage Probe             | Rohde & Schwarz | TK9416             | N/A                             | 2016-05-16       |
| I.S.N                     | Rohde & Schwarz | ENY22              | 1109.9508.02                    | 2016-05-16       |
| 50Ω Coaxial Switch        | Anritsu         | MP59B              | M20531                          | 2016-05-16       |

## 2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

## 2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

## 2.5 Measurement Uncertainty

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO/IEC 17025 are:

**Table 2: Measurement Uncertainty**

| Parameter                | Uncertainty |
|--------------------------|-------------|
| Conducted Emissions Test | ±2.0dB      |
| Radiated Emission Test   | ±2.0dB      |
| Temperature              | ±0.5°C      |
| Humidity                 | ±3%         |

## 2.6 Location of Original Data

The original copies of all test data taken during actual testing were retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

## 2.7 Status of Facility Used for Testing

Shenzhen EMTEK Co., Ltd. test facility located at Bldg 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

## 2.8 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

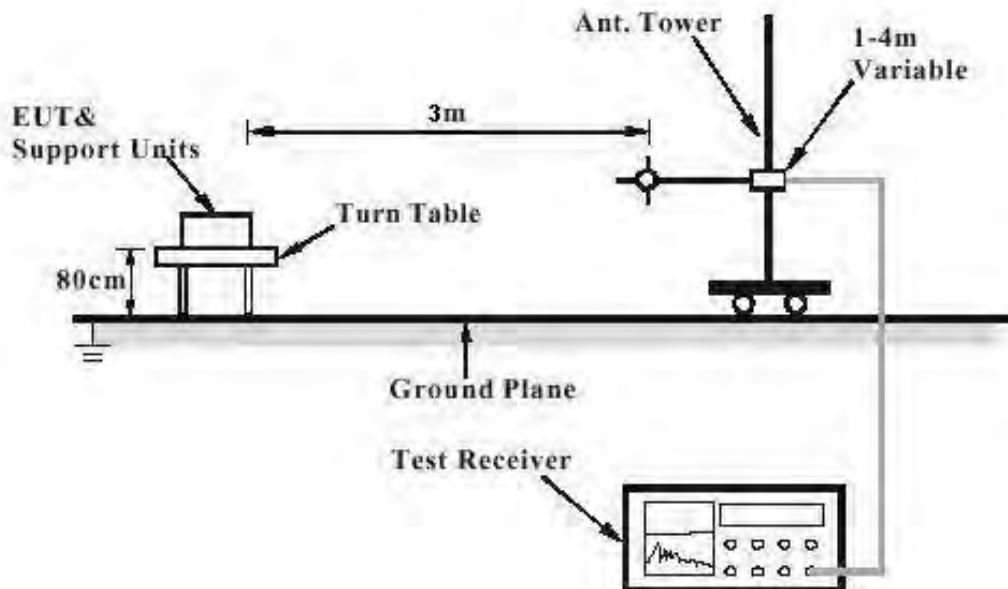
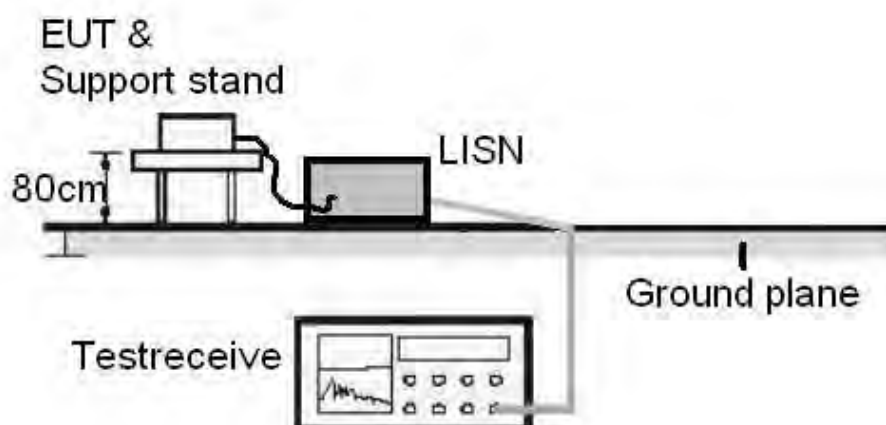


Diagram of Measurement Equipment Configuration for Conduction Measurement



### 3. General Product Information

#### 3.1 Product Function and Intended Use

The EUTs are 10.1" tablet with Wi-Fi, Bluetooth function.  
These models are identical except the model name.  
For details refer to the User Manual and Circuit Diagram.

#### 3.2 Ratings and System Details

**Table 3: Technical Specification of EUT**

| Technical Specification   | Value                          |
|---------------------------|--------------------------------|
| Kind of Equipment         | 10.1" Wi-Fi Android™ Tablet    |
| Type Designation          | DL1018A, MID1016-MA            |
| FCC ID                    | XMF-MID1016                    |
| Extreme Temperature Range | -30~+75°C                      |
| Operation Voltage         | DC 3.7V (via built in battery) |
|                           | DC 5V (via AC/DC adapter)      |

#### 3.3 Independent Operation Modes

The basic operation modes are:

- A. On, with charging
  - 1. Recording mode
  - 2. Playing mode
- B. Connected to PC
- C. Standby
- D. Off

#### 3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

### **3.5 Submitted Documents**

- Bill of Material
- Constructional Drawing
- PCB Layout
- Photo Document
- Circuit Diagram
- Instruction Manual
- Rating Label

## 4. Test Set-up and Operation Modes

### 4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

### 4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2014. According to clause 3.1, all tests were applied on model MID1016-MA only.

### 4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

| Description   | Manufacturer | Part No.          | Rating                                                  |
|---------------|--------------|-------------------|---------------------------------------------------------|
| AC/DC Adapter | TEKA         | TEKA012-0502000UK | Input: AC 100-240V, 50/60Hz, 0.35A<br>Output: DC 5V, 2A |

The EUT was tested with following cables:

| Interface(s)/Port(s): | Max. cable length, shielding   | Cable classification |
|-----------------------|--------------------------------|----------------------|
| AC Mains of adapter   | 2 cores, non-shielded port, 3m | AC Power Input       |
| Micro USB port        | 4 cores, non-shielded port, 3m | DC Power Input       |
| Earphone port         | 2 cores, non-shielded port, 3m | Audio Output         |
| Microphone            | 2 cores, non-shielded port, 3m | Audio Input          |
| TF card slot          | ---                            | ---                  |

### 4.4 Countermeasures to Achieve ERM Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF). No additional measures were employed to achieve compliance.

## 5. Test Results EMISSION

### 5.1 Emission in the Frequency Range up to 30 MHz

#### 5.1.1 Conducted emissions

**RESULT:****Pass**

|                   |   |                                                     |
|-------------------|---|-----------------------------------------------------|
| Date of testing   | : | 2015-08-24                                          |
| Test standard     | : | FCC Part 15.107 (a)<br>ICES-003 Issue 5 August 2012 |
| Basic standard    | : | ANSI C63.4: 2014                                    |
| Frequency range   | : | 0.15 – 30MHz                                        |
| Limits            | : | FCC Part 15.107(a)<br>ICES-003 Issue 5 August 2012  |
| Kind of test site | : | Shield room                                         |

**Test setup**

|                      |   |               |
|----------------------|---|---------------|
| Input Voltage        | : | AC 120V, 60Hz |
| Operation Mode       | : | A, B          |
| Earthing             | : | Not Connected |
| Ambient temperature  | : | 26°C          |
| Relative humidity    | : | 55%           |
| Atmospheric pressure | : | 101kPa        |

For details refer to following test plot.

Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282

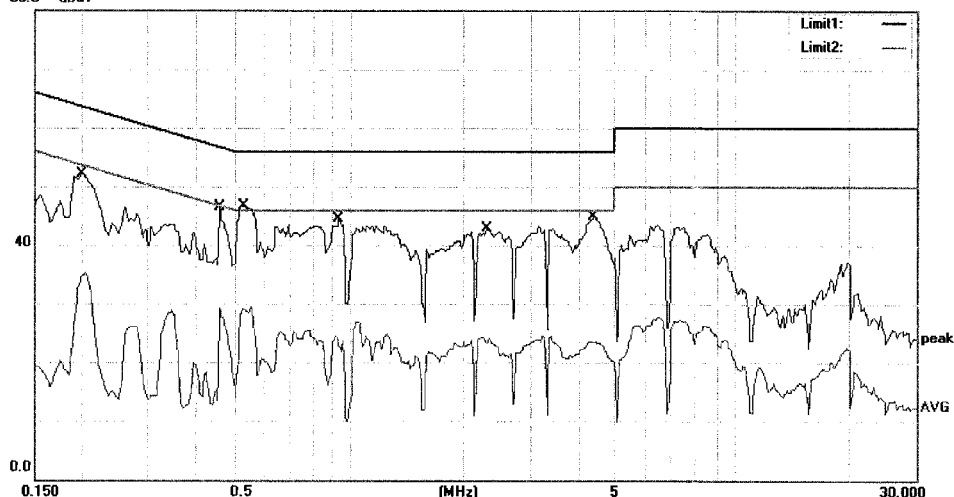

**Conducted Emission Measurement**

File :TUV

Data :#763

Date: 2015/08/24

80.0 dBuV



Site Conduction #2

Phase: L1

Temperature: 26

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID 1016-MA

Mode: VIDEO PLAY(MEMORY)

Note:

| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measurement | Limit | Over   | Detector | Comment |
|-----|-----|--------|---------------|----------------|-------------|-------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV        | dBuV  | dB     |          |         |
| 1   |     | 0.2000 | 52.13         | 0.00           | 52.13       | 63.61 | -11.48 | QP       |         |
| 2   |     | 0.2000 | 35.22         | 0.00           | 35.22       | 53.61 | -18.39 | AVG      |         |
| 3   |     | 0.4600 | 46.44         | 0.00           | 46.44       | 56.69 | -10.25 | QP       |         |
| 4   |     | 0.4600 | 29.28         | 0.00           | 29.28       | 46.69 | -17.41 | AVG      |         |
| 5   | *   | 0.5300 | 46.76         | 0.00           | 46.76       | 56.00 | -9.24  | QP       |         |
| 6   |     | 0.5300 | 29.47         | 0.00           | 29.47       | 46.00 | -16.53 | AVG      |         |
| 7   |     | 0.9350 | 44.50         | 0.00           | 44.50       | 56.00 | -11.50 | QP       |         |
| 8   |     | 0.9350 | 24.58         | 0.00           | 24.58       | 46.00 | -21.42 | AVG      |         |
| 9   |     | 2.3050 | 42.83         | 0.00           | 42.83       | 56.00 | -13.17 | QP       |         |
| 10  |     | 2.3050 | 24.32         | 0.00           | 24.32       | 46.00 | -21.68 | AVG      |         |
| 11  |     | 4.4050 | 44.86         | 0.00           | 44.86       | 56.00 | -11.14 | QP       |         |
| 12  |     | 4.4050 | 23.53         | 0.00           | 23.53       | 46.00 | -22.47 | AVG      |         |

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator:

File :TUV\Data :#763

Page: 1

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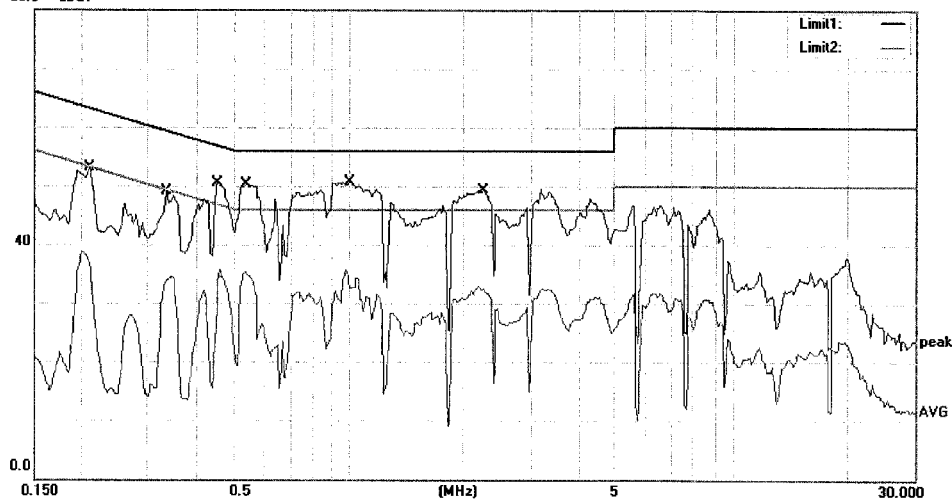

**Conducted Emission Measurement**

File :TUV

Data :#764

Date: 2015/08/24

80.0 dBuV



Site Conduction #2

Phase: N

Temperature: 26

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID 1016-MA

Mode: VIDEO PLAY(MEMORY)

Note:

| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measurement | Limit | Over   |          |         |
|-----|-----|--------|---------------|----------------|-------------|-------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV        | dBuV  | dB     | Detector | Comment |
| 1   |     | 0.2100 | 53.14         | 0.00           | 53.14       | 63.21 | -10.07 | QP       |         |
| 2   |     | 0.2100 | 38.81         | 0.00           | 38.81       | 53.21 | -14.40 | AVG      |         |
| 3   |     | 0.3350 | 49.18         | 0.00           | 49.18       | 59.33 | -10.15 | QP       |         |
| 4   |     | 0.3350 | 34.54         | 0.00           | 34.54       | 49.33 | -14.79 | AVG      |         |
| 5   |     | 0.4550 | 50.51         | 0.00           | 50.51       | 56.78 | -6.27  | QP       |         |
| 6   |     | 0.4550 | 35.72         | 0.00           | 35.72       | 46.78 | -11.06 | AVG      |         |
| 7   |     | 0.5350 | 50.26         | 0.00           | 50.26       | 56.00 | -5.74  | QP       |         |
| 8   |     | 0.5350 | 35.28         | 0.00           | 35.28       | 46.00 | -10.72 | AVG      |         |
| 9   | *   | 1.0000 | 50.75         | 0.00           | 50.75       | 56.00 | -5.25  | QP       |         |
| 10  |     | 1.0000 | 35.68         | 0.00           | 35.68       | 46.00 | -10.32 | AVG      |         |
| 11  |     | 2.2500 | 49.26         | 0.00           | 49.26       | 56.00 | -6.74  | QP       |         |
| 12  |     | 2.2500 | 32.92         | 0.00           | 32.92       | 46.00 | -13.08 | AVG      |         |

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator:

File :TUV\Data :#764

Page: 1

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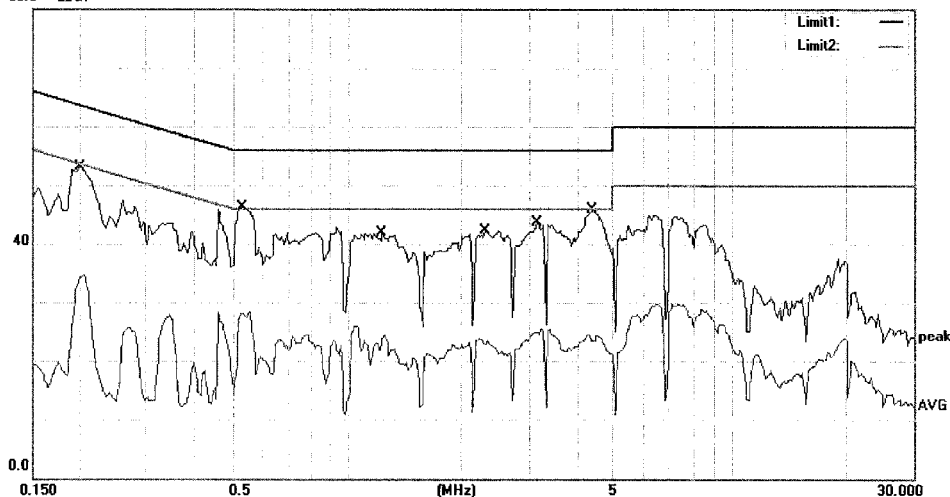

**Conducted Emission Measurement**

File :TUV

Data :#765

Date: 2015/08/24

80.0 dBuV



Site Conduction #2

Phase: L1

Temperature: 26

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID 1016-MA

Mode: VIDEO PLAY(SD CARD)

Note:

| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measurement | Limit | Over   |          |         |
|-----|-----|--------|---------------|----------------|-------------|-------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV        | dBuV  | dB     | Detector | Comment |
| 1   |     | 0.2000 | 53.13         | 0.00           | 53.13       | 63.61 | -10.48 | QP       |         |
| 2   |     | 0.2000 | 34.72         | 0.00           | 34.72       | 53.61 | -18.89 | AVG      |         |
| 3   | *   | 0.5300 | 46.26         | 0.00           | 46.26       | 56.00 | -9.74  | QP       |         |
| 4   |     | 0.5300 | 28.47         | 0.00           | 28.47       | 46.00 | -17.53 | AVG      |         |
| 5   |     | 1.2350 | 41.86         | 0.00           | 41.86       | 56.00 | -14.14 | QP       |         |
| 6   |     | 1.2350 | 24.48         | 0.00           | 24.48       | 46.00 | -21.52 | AVG      |         |
| 7   |     | 2.3050 | 42.33         | 0.00           | 42.33       | 56.00 | -13.67 | QP       |         |
| 8   |     | 2.3050 | 23.82         | 0.00           | 23.82       | 46.00 | -22.18 | AVG      |         |
| 9   |     | 3.1500 | 43.79         | 0.00           | 43.79       | 56.00 | -12.21 | QP       |         |
| 10  |     | 3.1500 | 25.53         | 0.00           | 25.53       | 46.00 | -20.47 | AVG      |         |
| 11  |     | 4.4050 | 45.86         | 0.00           | 45.86       | 56.00 | -10.14 | QP       |         |
| 12  |     | 4.4050 | 24.53         | 0.00           | 24.53       | 46.00 | -21.47 | AVG      |         |

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator:

File :TUV\Data :#765

Page: 1

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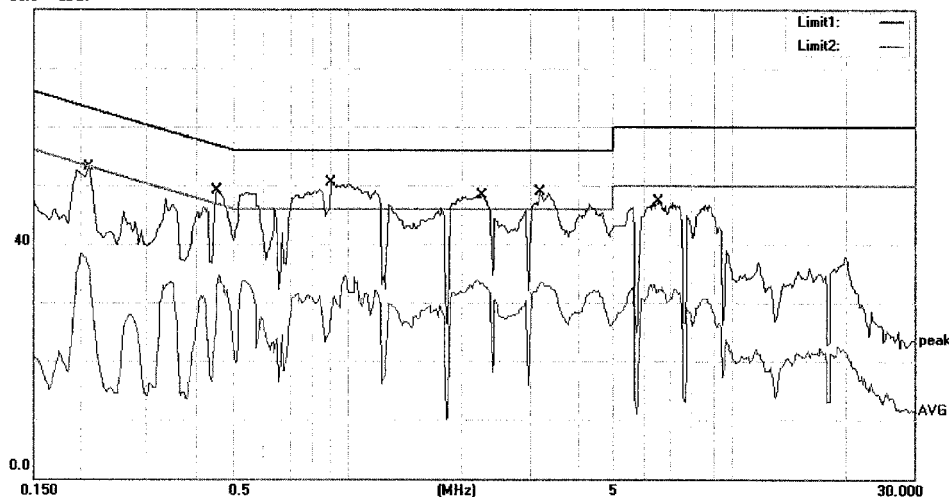

**Conducted Emission Measurement**

File :TUV

Data :#766

Date: 2015/08/24

80.0 dBuV



Site Conduction #2

Phase: N

Temperature: 26

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID 1016-MA

Mode: VIDEO PLAY(SD CARD)

Note:

| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measurement | Limit | Over   |          |         |
|-----|-----|--------|---------------|----------------|-------------|-------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV        | dBuV  | dB     | Detector | Comment |
| 1   |     | 0.2100 | 53.14         | 0.00           | 53.14       | 63.21 | -10.07 | QP       |         |
| 2   |     | 0.2100 | 38.31         | 0.00           | 38.31       | 53.21 | -14.90 | AVG      |         |
| 3   |     | 0.4550 | 49.01         | 0.00           | 49.01       | 56.78 | -7.77  | QP       |         |
| 4   |     | 0.4550 | 34.72         | 0.00           | 34.72       | 46.78 | -12.06 | AVG      |         |
| 5   | *   | 0.9000 | 50.55         | 0.00           | 50.55       | 56.00 | -5.45  | QP       |         |
| 6   |     | 0.9000 | 34.68         | 0.00           | 34.68       | 46.00 | -11.32 | AVG      |         |
| 7   |     | 2.2500 | 48.26         | 0.00           | 48.26       | 56.00 | -7.74  | QP       |         |
| 8   |     | 2.2500 | 33.92         | 0.00           | 33.92       | 46.00 | -12.08 | AVG      |         |
| 9   |     | 3.1750 | 48.95         | 0.00           | 48.95       | 56.00 | -7.05  | QP       |         |
| 10  |     | 3.1750 | 33.46         | 0.00           | 33.46       | 46.00 | -12.54 | AVG      |         |
| 11  |     | 6.5900 | 47.27         | 0.00           | 47.27       | 60.00 | -12.73 | QP       |         |
| 12  |     | 6.5900 | 33.14         | 0.00           | 33.14       | 50.00 | -16.86 | AVG      |         |

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator:

File :TUV\Data :#766

Page: 1

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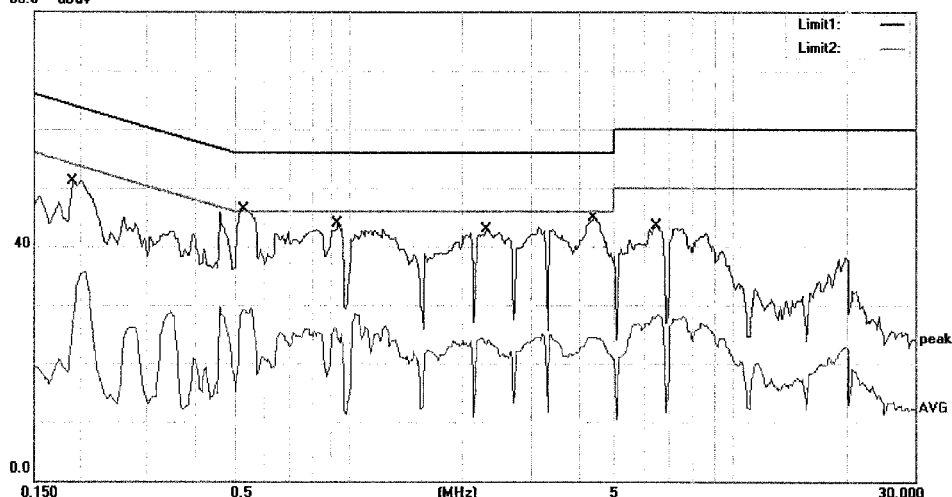

**Conducted Emission Measurement**

File :TUV

Data :#769

Date: 2015/08/24

80.0 dBuV



Site Conduction #2

Phase: L1

Temperature: 26

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID 1016-MA

Mode: Camear recording(front)

Note:

| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measure-ment | Limit | Over   |          |         |
|-----|-----|--------|---------------|----------------|--------------|-------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV         | dBuV  | dB     | Detector | Comment |
| 1   |     | 0.1900 | 51.15         | 0.00           | 51.15        | 64.04 | -12.89 | QP       |         |
| 2   |     | 0.1900 | 35.72         | 0.00           | 35.72        | 54.04 | -18.32 | AVG      |         |
| 3   | *   | 0.5300 | 46.26         | 0.00           | 46.26        | 56.00 | -9.74  | QP       |         |
| 4   |     | 0.5300 | 29.78         | 0.00           | 29.78        | 46.00 | -16.22 | AVG      |         |
| 5   |     | 0.9350 | 44.00         | 0.00           | 44.00        | 56.00 | -12.00 | QP       |         |
| 6   |     | 0.9350 | 28.43         | 0.00           | 28.43        | 46.00 | -17.57 | AVG      |         |
| 7   |     | 2.3050 | 42.83         | 0.00           | 42.83        | 56.00 | -13.17 | QP       |         |
| 8   |     | 2.3050 | 25.03         | 0.00           | 25.03        | 46.00 | -20.97 | AVG      |         |
| 9   |     | 4.4050 | 44.86         | 0.00           | 44.86        | 56.00 | -11.14 | QP       |         |
| 10  |     | 4.4050 | 24.53         | 0.00           | 24.53        | 46.00 | -21.47 | AVG      |         |
| 11  |     | 6.4600 | 43.44         | 0.00           | 43.44        | 60.00 | -16.56 | QP       |         |
| 12  |     | 6.4600 | 28.25         | 0.00           | 28.25        | 50.00 | -21.75 | AVG      |         |

\*:Maximum data    x:Over limit    !:over margin

Comment: Factor build in receiver.

Operator:

File :TUV\Data :#769

Page: 1

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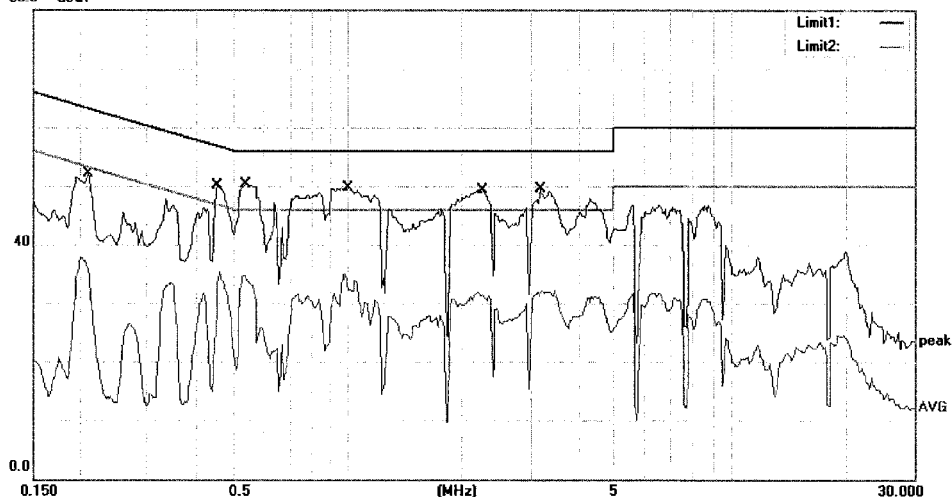

**Conducted Emission Measurement**

File :TUV

Data :#770

Date: 2015/08/24

80.0 dBuV



Site Conduction #2

Phase: N

Temperature: 26

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID 1016-MA

Mode: Camear recording(front)

Note:

| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measure-ment | Limit | Over   |          |         |
|-----|-----|--------|---------------|----------------|--------------|-------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV         | dBuV  | dB     | Detector | Comment |
| 1   |     | 0.2100 | 52.14         | 0.00           | 52.14        | 63.21 | -11.07 | QP       |         |
| 2   |     | 0.2100 | 37.81         | 0.00           | 37.81        | 53.21 | -15.40 | AVG      |         |
| 3   |     | 0.4550 | 50.01         | 0.00           | 50.01        | 56.78 | -6.77  | QP       |         |
| 4   |     | 0.4550 | 35.22         | 0.00           | 35.22        | 46.78 | -11.56 | AVG      |         |
| 5   | *   | 0.5350 | 50.26         | 0.00           | 50.26        | 56.00 | -5.74  | QP       |         |
| 6   |     | 0.5350 | 34.78         | 0.00           | 34.78        | 46.00 | -11.22 | AVG      |         |
| 7   |     | 1.0000 | 49.75         | 0.00           | 49.75        | 56.00 | -6.25  | QP       |         |
| 8   |     | 1.0000 | 35.18         | 0.00           | 35.18        | 46.00 | -10.82 | AVG      |         |
| 9   |     | 2.2500 | 49.26         | 0.00           | 49.26        | 56.00 | -6.74  | QP       |         |
| 10  |     | 2.2500 | 31.75         | 0.00           | 31.75        | 46.00 | -14.25 | AVG      |         |
| 11  |     | 3.1750 | 49.45         | 0.00           | 49.45        | 56.00 | -6.55  | QP       |         |
| 12  |     | 3.1750 | 32.10         | 0.00           | 32.10        | 46.00 | -13.90 | AVG      |         |

\*:Maximum data    x:Over limit    !:over margin

Comment: Factor build in receiver.

Operator:

File :TUV\Data :#770

Page: 1

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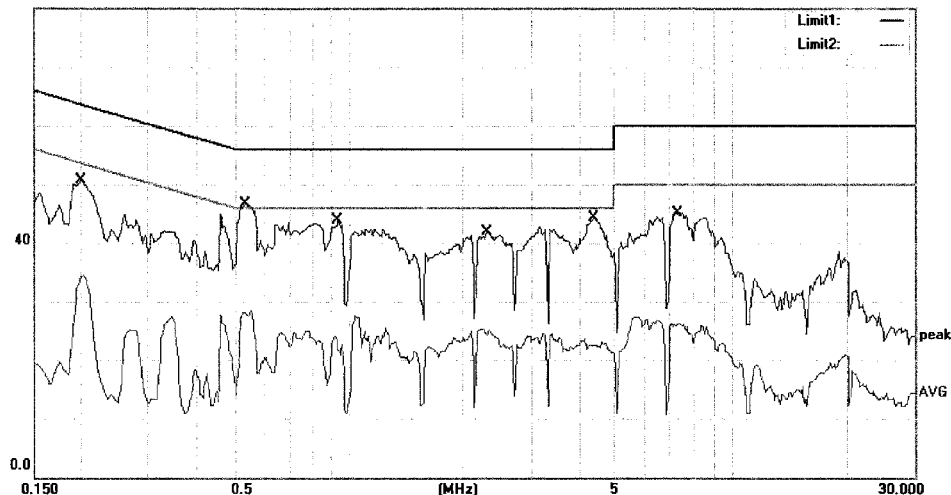

**Conducted Emission Measurement**

File :TUV

Data :#767

Date: 2015/08/24

80.0 dBuV



Site Conduction #2

 Phase: **L1**

Temperature: 26

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID 1016-MA

Mode: Camear recording(rear)

Note:

| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measurement | Limit | Over   |          |         |
|-----|-----|--------|---------------|----------------|-------------|-------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV        | dBuV  | dB     | Detector | Comment |
| 1   |     | 0.2000 | 50.63         | 0.00           | 50.63       | 63.61 | -12.98 | QP       |         |
| 2   |     | 0.2000 | 34.53         | 0.00           | 34.53       | 53.61 | -19.08 | AVG      |         |
| 3   | *   | 0.5321 | 46.73         | 0.00           | 46.73       | 56.00 | -9.27  | QP       |         |
| 4   |     | 0.5321 | 28.47         | 0.00           | 28.47       | 46.00 | -17.53 | AVG      |         |
| 5   |     | 0.9350 | 44.00         | 0.00           | 44.00       | 56.00 | -12.00 | QP       |         |
| 6   |     | 0.9350 | 27.43         | 0.00           | 27.43       | 46.00 | -18.57 | AVG      |         |
| 7   |     | 2.3050 | 41.83         | 0.00           | 41.83       | 56.00 | -14.17 | QP       |         |
| 8   |     | 2.3050 | 25.32         | 0.00           | 25.32       | 46.00 | -20.68 | AVG      |         |
| 9   |     | 4.4050 | 44.36         | 0.00           | 44.36       | 56.00 | -11.64 | QP       |         |
| 10  |     | 4.4050 | 23.44         | 0.00           | 23.44       | 46.00 | -22.56 | AVG      |         |
| 11  |     | 7.3300 | 45.18         | 0.00           | 45.18       | 60.00 | -14.82 | QP       |         |
| 12  |     | 7.3300 | 26.75         | 0.00           | 26.75       | 50.00 | -23.25 | AVG      |         |

\*:Maximum data    x:Over limit    !:over margin

Comment: Factor build in receiver.

Operator:

File :TUV\Data :#767

Page: 1

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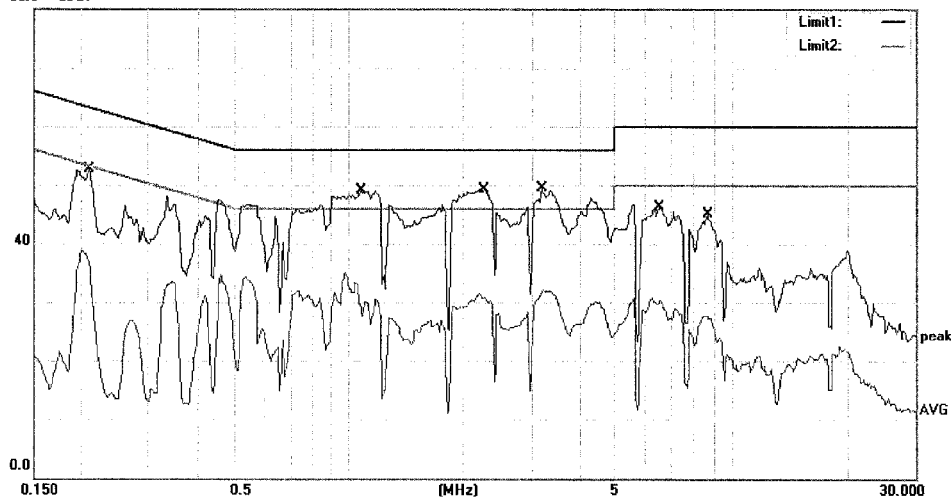

**Conducted Emission Measurement**

File : TUV

Data : #768

Date: 2015/08/24

80.0 dBuV



Site Conduction #2

Phase: N

Temperature: 26

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID 1016-MA

Mode: Camear recording(rear)

Note:

| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measurement | Limit | Over   |          |         |
|-----|-----|--------|---------------|----------------|-------------|-------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV        | dBuV  | dB     | Detector | Comment |
| 1   |     | 0.2100 | 52.64         | 0.00           | 52.64       | 63.21 | -10.57 | QP       |         |
| 2   |     | 0.2100 | 38.81         | 0.00           | 38.81       | 53.21 | -14.40 | AVG      |         |
| 3   |     | 1.0766 | 49.10         | 0.00           | 49.10       | 56.00 | -6.90  | QP       |         |
| 4   |     | 1.0766 | 35.18         | 0.00           | 35.18       | 46.00 | -10.82 | AVG      |         |
| 5   |     | 2.2500 | 49.26         | 0.00           | 49.26       | 56.00 | -6.74  | QP       |         |
| 6   |     | 2.2500 | 31.42         | 0.00           | 31.42       | 46.00 | -14.58 | AVG      |         |
| 7   | *   | 3.1750 | 49.45         | 0.00           | 49.45       | 56.00 | -6.55  | QP       |         |
| 8   |     | 3.1750 | 32.02         | 0.00           | 32.02       | 46.00 | -13.98 | AVG      |         |
| 9   |     | 6.5900 | 46.27         | 0.00           | 46.27       | 60.00 | -13.73 | QP       |         |
| 10  |     | 6.5900 | 30.62         | 0.00           | 30.62       | 50.00 | -19.38 | AVG      |         |
| 11  |     | 8.6000 | 45.04         | 0.00           | 45.04       | 60.00 | -14.96 | QP       |         |
| 12  |     | 8.6000 | 27.78         | 0.00           | 27.78       | 50.00 | -22.22 | AVG      |         |

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator:

File : TUV\Data : #768

Page: 1

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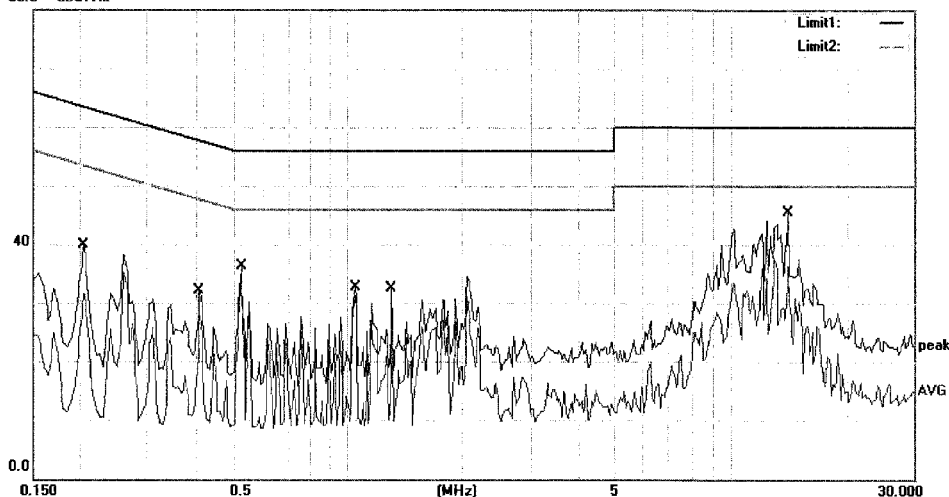

**Conducted Emission Measurement**

File :TUV

Data :#779

Date: 2015/08/24

80.0 dBuV/m



Site Conduction #2

Phase: L1

Temperature: 26

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID1016-MA

Mode: Connect to PC

Note:

| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measure-ment | Limit  | Over   |          |         |
|-----|-----|---------|---------------|----------------|--------------|--------|--------|----------|---------|
|     |     | MHz     | dBuV/m        | dB             | dBuV/m       | dBuV/m | dB     | Detector | Comment |
| 1   |     | 0.2050  | 39.85         | 0.00           | 39.85        | 63.41  | -23.56 | QP       |         |
| 2   |     | 0.2050  | 31.54         | 0.00           | 31.54        | 53.41  | -21.87 | AVG      |         |
| 3   |     | 0.4100  | 32.18         | 0.00           | 32.18        | 57.65  | -25.47 | QP       |         |
| 4   |     | 0.4100  | 28.33         | 0.00           | 28.33        | 47.65  | -19.32 | AVG      |         |
| 5   |     | 0.5250  | 36.28         | 0.00           | 36.28        | 56.00  | -19.72 | QP       |         |
| 6   | *   | 0.5250  | 35.47         | 0.00           | 35.47        | 46.00  | -10.53 | AVG      |         |
| 7   |     | 1.0500  | 32.74         | 0.00           | 32.74        | 56.00  | -23.26 | QP       |         |
| 8   |     | 1.0500  | 31.30         | 0.00           | 31.30        | 46.00  | -14.70 | AVG      |         |
| 9   |     | 1.3100  | 32.46         | 0.00           | 32.46        | 56.00  | -23.54 | QP       |         |
| 10  |     | 1.3100  | 30.68         | 0.00           | 30.68        | 46.00  | -15.32 | AVG      |         |
| 11  |     | 14.0750 | 45.58         | 0.00           | 45.58        | 60.00  | -14.42 | QP       |         |
| 12  |     | 14.0750 | 36.21         | 0.00           | 36.21        | 50.00  | -13.79 | AVG      |         |

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator: Neo

File :TUV\Data :#779

Page: 1

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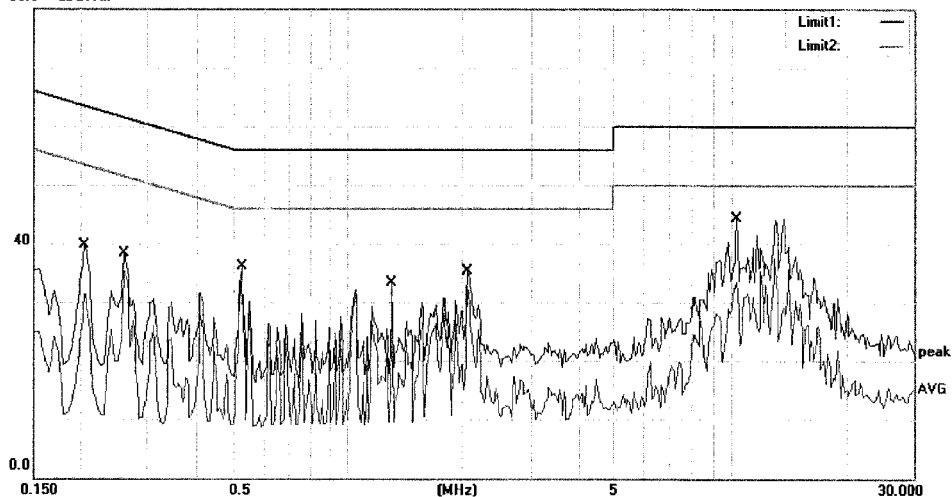

**Conducted Emission Measurement**

File :TUV

Data :#780

Date: 2015/08/24

80.0 dBuV/m



Site Conduction #2

Phase: N

Temperature: 26

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID1016-MA

Mode: Connect to PC

Note:

| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|---------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz     | dBuV/m        | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment |
| 1   |     | 0.2050  | 39.63         | 0.00           | 39.63       | 63.41  | -23.78 | QP       |         |
| 2   |     | 0.2050  | 31.30         | 0.00           | 31.30       | 53.41  | -22.11 | AVG      |         |
| 3   |     | 0.2600  | 38.30         | 0.00           | 38.30       | 61.43  | -23.13 | QP       |         |
| 4   |     | 0.2600  | 35.40         | 0.00           | 35.40       | 51.43  | -16.03 | AVG      |         |
| 5   |     | 0.5250  | 36.20         | 0.00           | 36.20       | 56.00  | -19.80 | QP       |         |
| 6   | *   | 0.5250  | 35.47         | 0.00           | 35.47       | 46.00  | -10.53 | AVG      |         |
| 7   |     | 1.3100  | 33.36         | 0.00           | 33.36       | 56.00  | -22.64 | QP       |         |
| 8   |     | 1.3100  | 30.99         | 0.00           | 30.99       | 46.00  | -15.01 | AVG      |         |
| 9   |     | 2.0600  | 35.34         | 0.00           | 35.34       | 56.00  | -20.66 | QP       |         |
| 10  |     | 2.0600  | 32.79         | 0.00           | 32.79       | 46.00  | -13.21 | AVG      |         |
| 11  |     | 10.3000 | 44.25         | 0.00           | 44.25       | 60.00  | -15.75 | QP       |         |
| 12  |     | 10.3000 | 33.54         | 0.00           | 33.54       | 50.00  | -16.46 | AVG      |         |

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator: Neo

File :TUV\Data :#780

Page: 1

**Prüfbericht - Nr.: 17051839 004**  
Test Report No.**Seite 22 von 45**  
Page 22 of 45

## 5.2 Emission in the Frequency Range above 30 MHz

### 5.2.1 Radiated Emission

**RESULT:****Pass**

|                          |   |                                                     |
|--------------------------|---|-----------------------------------------------------|
| Date of testing          | : | 2015-08-19                                          |
| Test standard            | : | FCC Part 15.109 (a)<br>ICES-003 Issue 5 August 2012 |
| Test procedure           | : | ANSI C63.4: 2014                                    |
| Frequency range          | : | 30 - 18000MHz                                       |
| Equipment Classification | : | Class B                                             |
| Limits                   | : | FCC Part 15.109(a)<br>ICES-003 Issue 5 August 2012  |
| Kind of test site        | : | 3m Semi-Anechoic Chamber                            |

**Test setup**

|                      |   |               |
|----------------------|---|---------------|
| Input Voltage        | : | AC 120V, 60Hz |
| Operation mode       | : | A, B          |
| Earthing             | : | Not connected |
| Ambient temperature  | : | 24°C          |
| Relative humidity    | : | 53%           |
| Atmospheric pressure | : | 101kPa        |

For details refer to following test plot.

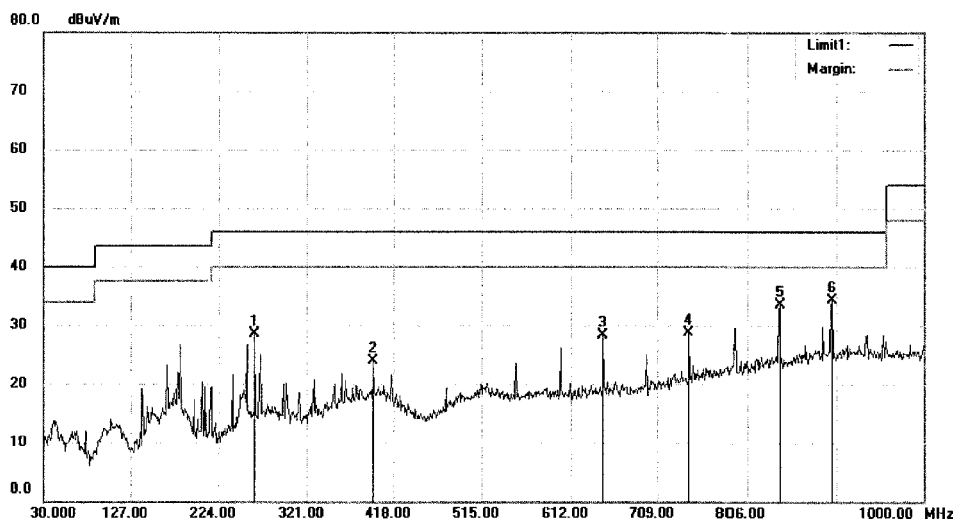
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**Radiated Emission Measurement**

File :TUV 8

Data :#309

Date: 15/08/17/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: Camera(Front)

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1   |     | 263.7700     | 41.25                    | -12.75                  | 28.50                      | 46.00           | -17.50     | QP                      |                           |         |
| 2   |     | 395.6900     | 32.95                    | -9.11                   | 23.84                      | 46.00           | -22.16     | QP                      |                           |         |
| 3   |     | 647.8900     | 34.79                    | -6.51                   | 28.28                      | 46.00           | -17.72     | QP                      |                           |         |
| 4   |     | 744.8900     | 33.19                    | -4.58                   | 28.61                      | 46.00           | -17.39     | QP                      |                           |         |
| 5   |     | 840.9200     | 35.47                    | -1.95                   | 33.52                      | 46.00           | -12.48     | QP                      |                           |         |
| 6   | *   | 898.1500     | 34.99                    | -0.66                   | 34.33                      | 46.00           | -11.67     | QP                      |                           |         |

\*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#309

Page: 1

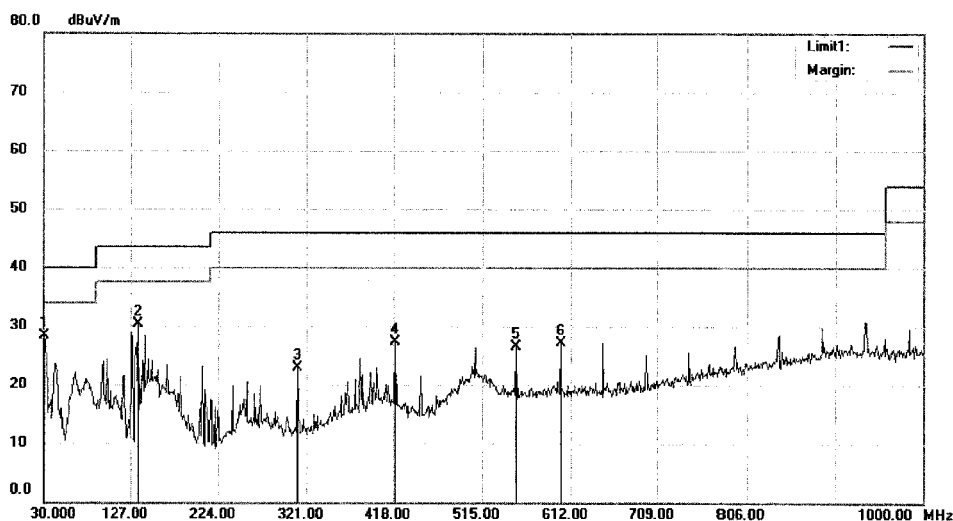
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**Radiated Emission Measurement**

File :TUV 8

Data #308

Date: 15/08/17/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: Camera(Front)

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1   | *   | 30.9700      | 44.49                    | -16.13                  | 28.36                      | 40.00           | -11.64     | QP                      |                           |         |
| 2   |     | 135.7300     | 47.86                    | -17.56                  | 30.30                      | 43.50           | -13.20     | QP                      |                           |         |
| 3   |     | 311.3000     | 36.62                    | -13.64                  | 22.98                      | 46.00           | -23.02     | QP                      |                           |         |
| 4   |     | 419.9400     | 36.80                    | -9.43                   | 27.37                      | 46.00           | -18.63     | QP                      |                           |         |
| 5   |     | 551.8600     | 33.87                    | -7.38                   | 26.49                      | 46.00           | -19.51     | QP                      |                           |         |
| 6   |     | 600.3600     | 34.16                    | -6.99                   | 27.17                      | 46.00           | -18.83     | QP                      |                           |         |

\*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#308

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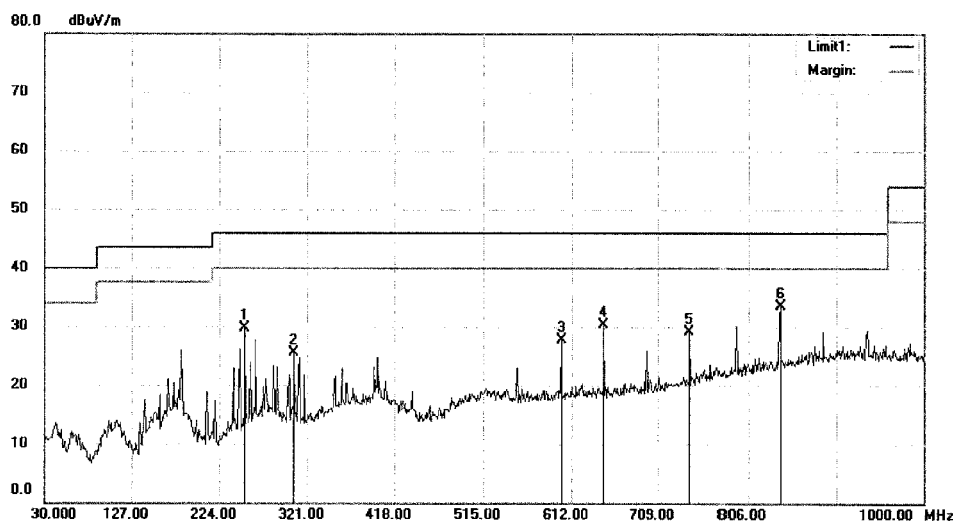
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**Radiated Emission Measurement**

File :TUV 8

Data :#310

Date: 15/08/17/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: Camera(Rear)

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1   |     | 252.1300     | 42.91                    | -13.20                  | 29.71                      | 46.00           | -16.29     | QP                      |                           |         |
| 2   |     | 306.4500     | 39.18                    | -13.72                  | 25.46                      | 46.00           | -20.54     | QP                      |                           |         |
| 3   |     | 600.3600     | 34.75                    | -6.99                   | 27.76                      | 46.00           | -18.24     | QP                      |                           |         |
| 4   |     | 647.8900     | 36.80                    | -6.51                   | 30.29                      | 46.00           | -15.71     | QP                      |                           |         |
| 5   |     | 744.8900     | 33.74                    | -4.58                   | 29.16                      | 46.00           | -16.84     | QP                      |                           |         |
| 6   | *   | 840.9200     | 35.50                    | -1.95                   | 33.55                      | 46.00           | -12.45     | QP                      |                           |         |

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 8\Data :#310

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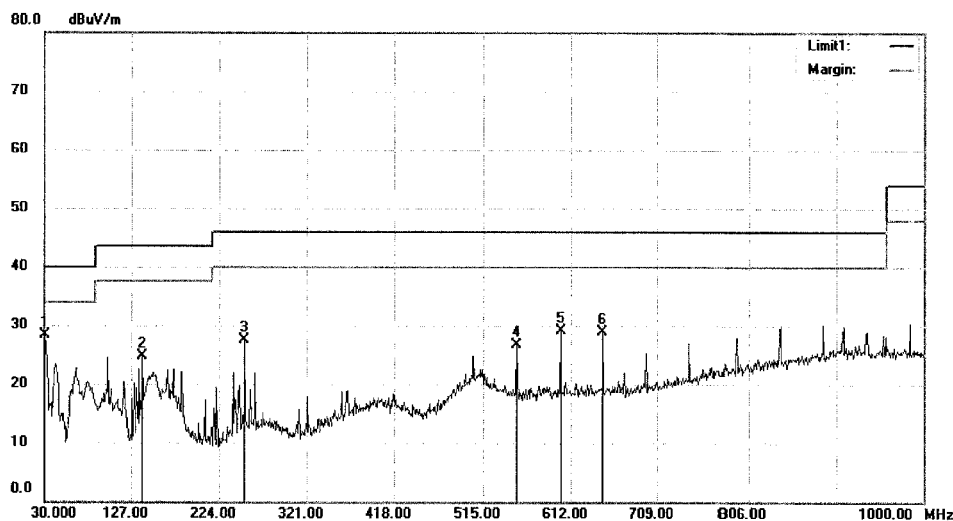
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**Radiated Emission Measurement**

File :TUV 8

Data :#311

Date: 15/08/17/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: Camera(Rear)

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1   | *   | 30.9700      | 44.37                    | -16.13                  | 28.24                      | 40.00           | -11.76     | QP                      |                           |         |
| 2   |     | 139.6100     | 42.46                    | -17.76                  | 24.70                      | 43.50           | -18.80     | QP                      |                           |         |
| 3   |     | 252.1300     | 40.68                    | -13.20                  | 27.48                      | 46.00           | -18.52     | QP                      |                           |         |
| 4   |     | 551.8600     | 34.01                    | -7.38                   | 26.63                      | 46.00           | -19.37     | QP                      |                           |         |
| 5   |     | 600.3600     | 36.11                    | -6.99                   | 29.12                      | 46.00           | -16.88     | QP                      |                           |         |
| 6   |     | 647.8900     | 35.33                    | -6.51                   | 28.82                      | 46.00           | -17.18     | QP                      |                           |         |

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 8\Data :#311

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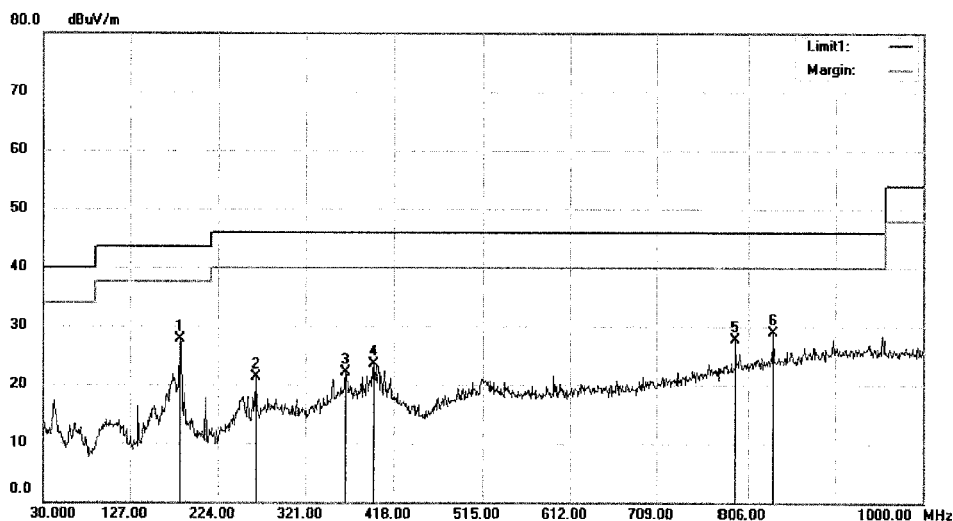
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**Radiated Emission Measurement**

File :TUV 8

Data :#313

Date: 15/08/17/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: Video play(Memory)

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |        |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector       | cm           | degree |
| 1   | *   | 182.2900 | 46.31         | -18.58         | 27.73       | 43.50  | -15.77 | QP             |              |        |
| 2   |     | 265.7100 | 34.04         | -12.73         | 21.31       | 46.00  | -24.69 | QP             |              |        |
| 3   |     | 365.6200 | 32.58         | -10.52         | 22.06       | 46.00  | -23.94 | QP             |              |        |
| 4   |     | 396.6600 | 32.50         | -9.05          | 23.45       | 46.00  | -22.55 | QP             |              |        |
| 5   |     | 791.4500 | 30.84         | -3.14          | 27.70       | 46.00  | -18.30 | QP             |              |        |
| 6   |     | 834.1300 | 30.95         | -2.11          | 28.84       | 46.00  | -17.16 | QP             |              |        |

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 8\Data :#313

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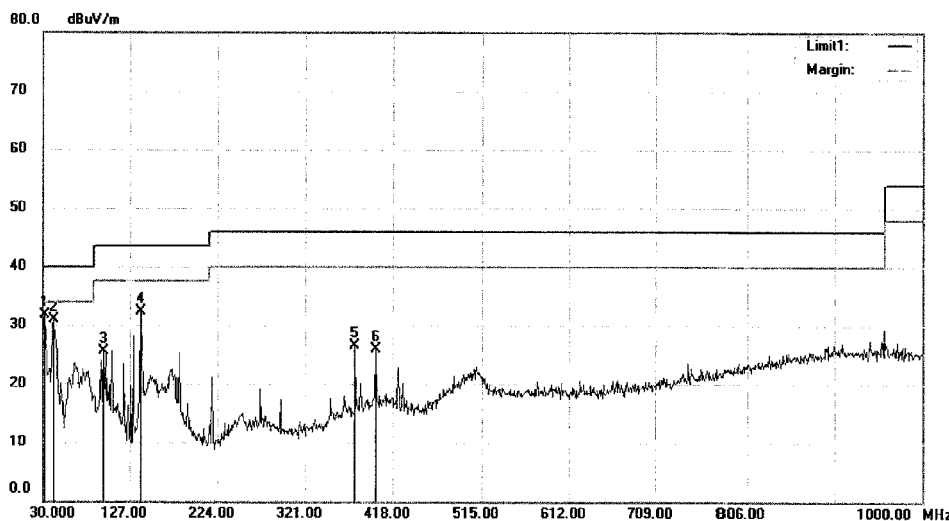
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**Radiated Emission Measurement**

File :TUV 8

Data :#312

Date: 15/08/17/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: Video play(Memory)

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1   | *   | 31.9400      | 47.49                    | -15.81                  | 31.68                      | 40.00           | -8.32      | QP                      |                           |         |
| 2   |     | 41.6400      | 43.86                    | -12.93                  | 30.93                      | 40.00           | -9.07      | QP                      |                           |         |
| 3   |     | 97.9000      | 40.06                    | -14.46                  | 25.60                      | 43.50           | -17.90     | QP                      |                           |         |
| 4   |     | 138.6400     | 50.07                    | -17.70                  | 32.37                      | 43.50           | -11.13     | QP                      |                           |         |
| 5   |     | 376.2900     | 36.70                    | -10.13                  | 26.57                      | 46.00           | -19.43     | QP                      |                           |         |
| 6   |     | 399.5700     | 34.78                    | -8.89                   | 25.89                      | 46.00           | -20.11     | QP                      |                           |         |

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 8\Data :#312

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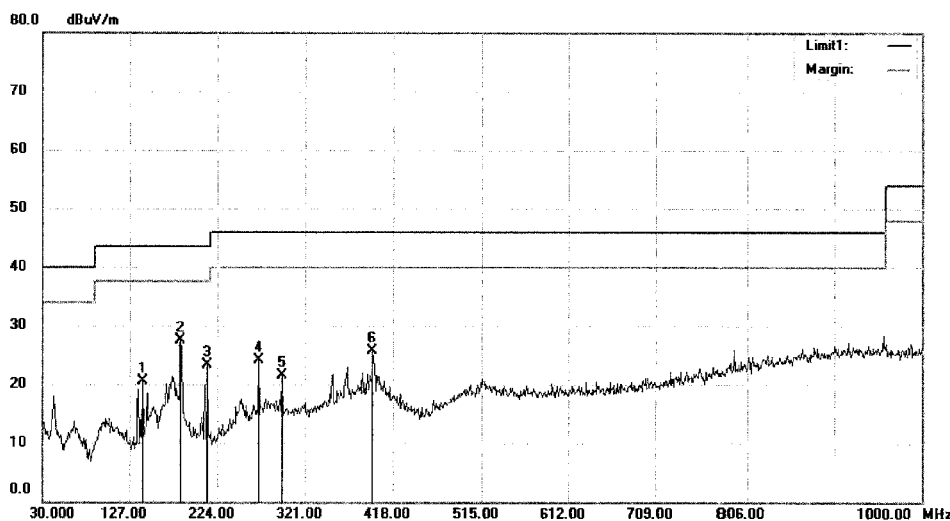
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**Radiated Emission Measurement**

File :TUV 8

Data :#314

Date: 15/08/17/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: Video play(SD)

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |        |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector       | cm           | degree |
| 1   |     | 141.5500 | 38.41         | -17.84         | 20.57       | 43.50  | -22.93 | QP             |              |        |
| 2   | *   | 183.2600 | 45.86         | -18.41         | 27.45       | 43.50  | -16.05 | QP             |              |        |
| 3   |     | 213.3300 | 39.68         | -16.38         | 23.30       | 43.50  | -20.20 | QP             |              |        |
| 4   |     | 269.5900 | 36.82         | -12.69         | 24.13       | 46.00  | -21.87 | QP             |              |        |
| 5   |     | 295.7800 | 35.05         | -13.57         | 21.48       | 46.00  | -24.52 | QP             |              |        |
| 6   |     | 395.6900 | 34.90         | -9.11          | 25.79       | 46.00  | -20.21 | QP             |              |        |

\*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#314

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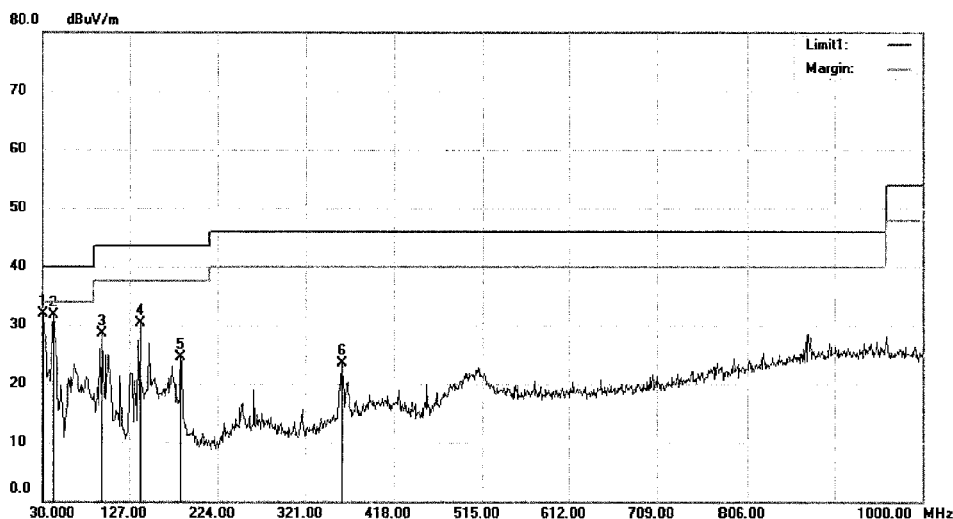
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**Radiated Emission Measurement**

File :TUV 8

Data :#315

Date: 15/08/17/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:Video play(SD)

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree |        |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|--------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector       | cm           | degree |
| 1   | *   | 30.9700  | 48.04         | -16.13         | 31.91        | 40.00  | -8.09  | QP             |              |        |
| 2   |     | 42.6100  | 44.76         | -13.02         | 31.74        | 40.00  | -8.26  | QP             |              |        |
| 3   |     | 96.9300  | 43.15         | -14.67         | 28.48        | 43.50  | -15.02 | QP             |              |        |
| 4   |     | 138.6400 | 47.95         | -17.70         | 30.25        | 43.50  | -13.25 | QP             |              |        |
| 5   |     | 183.2600 | 42.82         | -18.41         | 24.41        | 43.50  | -19.09 | QP             |              |        |
| 6   |     | 361.7400 | 34.23         | -10.67         | 23.56        | 46.00  | -22.44 | QP             |              |        |

\*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#315

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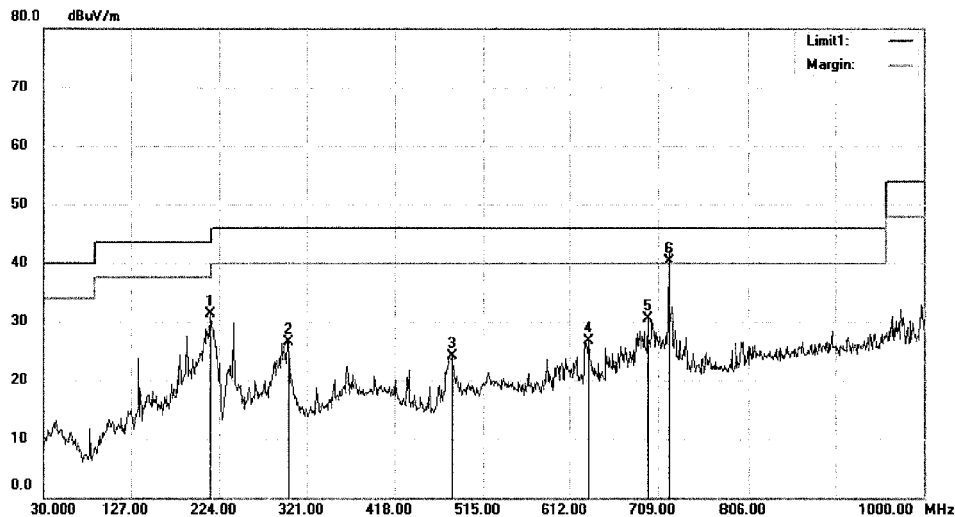
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**Radiated Emission Measurement**

File :TUV 8

Data :#317

Date: 15/08/17/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:USB LINK

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree |        |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|--------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector       | cm           | degree |
| 1   |     | 214.3000 | 47.65         | -16.38         | 31.27        | 43.50  | -12.23 | QP             |              |        |
| 2   |     | 300.6300 | 40.40         | -13.82         | 26.58        | 46.00  | -19.42 | QP             |              |        |
| 3   |     | 480.0800 | 33.71         | -9.53          | 24.18        | 46.00  | -21.82 | QP             |              |        |
| 4   |     | 633.3400 | 33.42         | -6.65          | 26.77        | 46.00  | -19.23 | QP             |              |        |
| 5   |     | 697.3600 | 36.51         | -6.00          | 30.51        | 46.00  | -15.49 | QP             |              |        |
| 6   | *   | 720.6400 | 45.60         | -5.33          | 40.27        | 46.00  | -5.73  | QP             |              |        |

\*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#317

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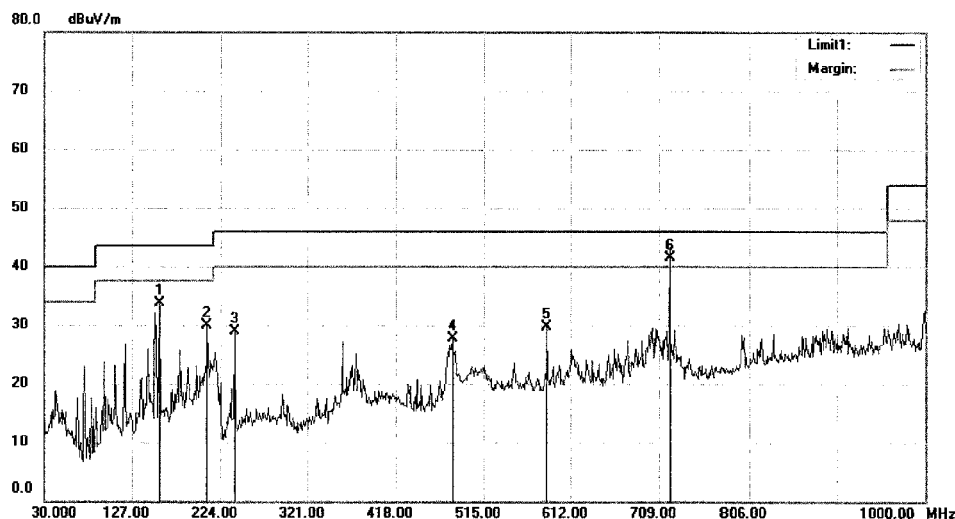
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**Radiated Emission Measurement**

File :TUV 8

Data :#316

Date: 15/08/17/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:USB LINK

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |        |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector       | cm           | degree |
| 1   |     | 157.0700 | 52.32         | -18.54         | 33.78       | 43.50  | -9.72  | QP             |              |        |
| 2   |     | 209.4500 | 46.23         | -16.38         | 29.85       | 43.50  | -13.65 | QP             |              |        |
| 3   |     | 239.5200 | 42.81         | -13.89         | 28.92       | 46.00  | -17.08 | QP             |              |        |
| 4   |     | 480.0800 | 37.28         | -9.53          | 27.75       | 46.00  | -18.25 | QP             |              |        |
| 5   |     | 585.8100 | 36.73         | -7.10          | 29.63       | 46.00  | -16.37 | QP             |              |        |
| 6   | *   | 720.6400 | 46.82         | -5.33          | 41.49       | 46.00  | -4.51  | QP             |              |        |

\*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#316

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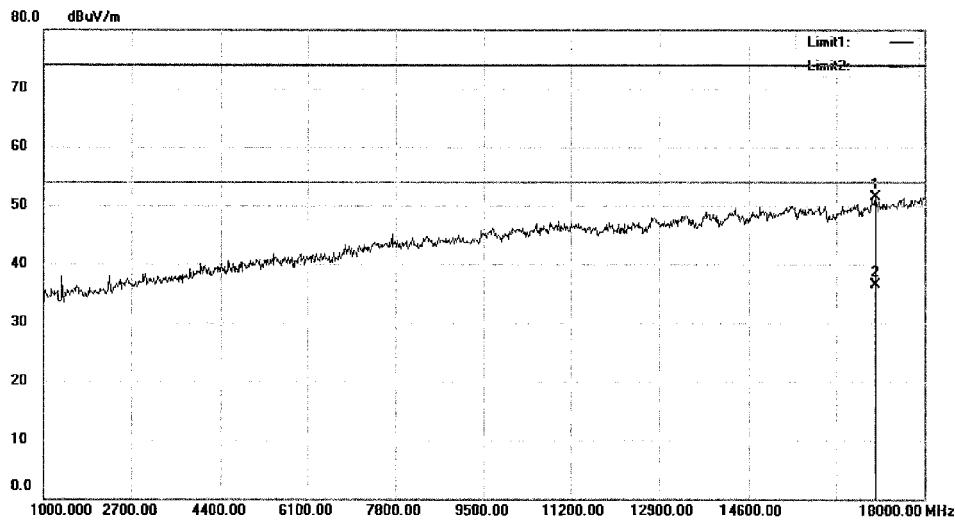
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**Radiated Emission Measurement**

File :TUV 8

Data :#329

Date: 15/08/19/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: Camera(Front)

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1   |     | 17048.00     | 56.00                    | -4.59                   | 51.41                      | 74.00           | -22.59     | peak                    |                           |         |
| 2   | *   | 17048.00     | 41.01                    | -4.59                   | 36.42                      | 54.00           | -17.58     | AVG                     |                           |         |

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 8\Data :#329

Page: 1

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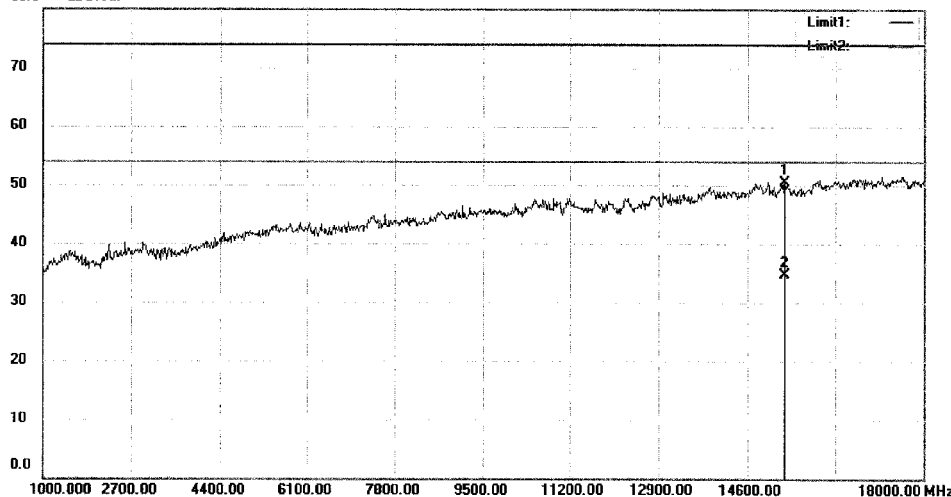

**Radiated Emission Measurement**

File :TUV 8

Data :#328

Date: 15/08/19/

00.0 dBuV/m



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: Camera(Front)

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |        |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector       | cm           | degree |
| 1   |     | 15314.00 | 57.61         | -7.14          | 50.47       | 74.00  | -23.53 | peak           |              |        |
| 2   | *   | 15314.00 | 41.76         | -7.14          | 34.62       | 54.00  | -19.38 | AVG            |              |        |

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 8\Data :#328

Page: 1

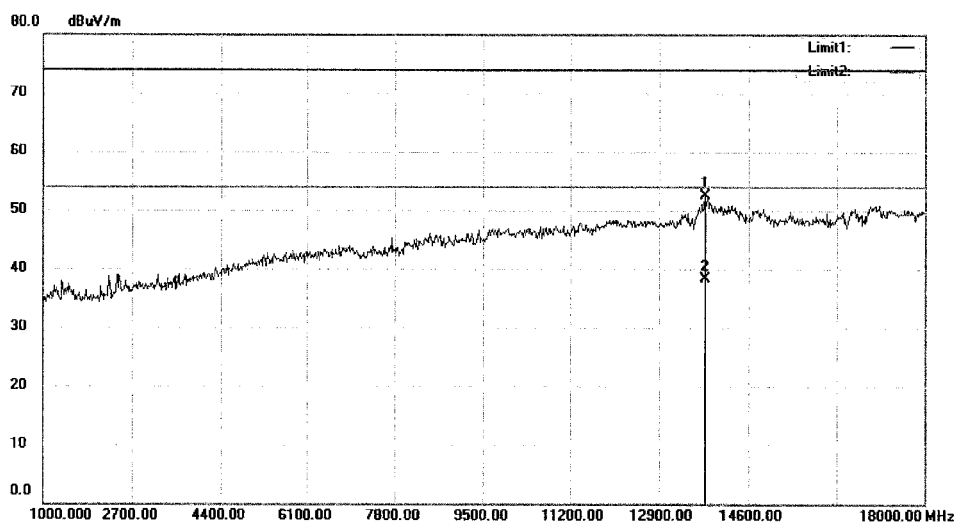
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**Radiated Emission Measurement**

File :TUV 8

Data :#331

Date: 15/08/19/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: Camera(Rear)

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree |        |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|--------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector       | cm           | degree |
| 1   |     | 13784.00 | 58.84         | -6.34          | 52.50        | 74.00  | -21.50 | peak           |              |        |
| 2   | *   | 13784.00 | 44.55         | -6.34          | 38.21        | 54.00  | -15.79 | AVG            |              |        |

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 8\Data :#331

Page: 1

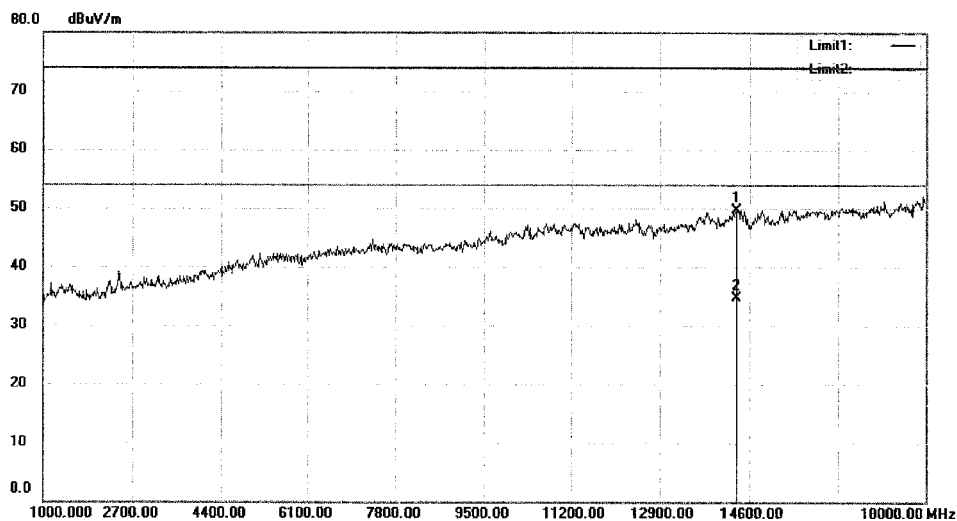
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**Radiated Emission Measurement**

File :TUV 8

Data :#330

Date: 15/08/19/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: Camera(Rear)

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree |        |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|--------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector       | cm           | degree |
| 1   |     | 14345.00 | 55.62         | -5.84          | 49.78        | 74.00  | -24.22 | peak           |              |        |
| 2   | *   | 14345.00 | 40.49         | -5.84          | 34.65        | 54.00  | -19.35 | AVG            |              |        |

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 8\Data :#330

Page: 1

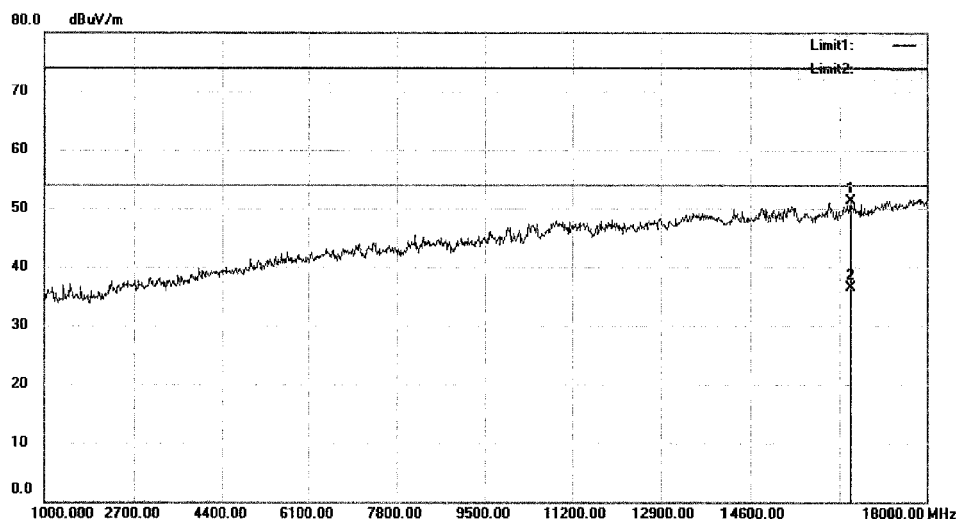
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**Radiated Emission Measurement**

File :TUV 8

Data :#333

Date: 15/08/19/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:Video play(Memory)

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1   |     | 16504.00     | 57.74                    | -6.34                   | 51.40                      | 74.00           | -22.60     | peak                    |                           |         |
| 2   | *   | 16504.00     | 42.76                    | -6.34                   | 36.42                      | 54.00           | -17.58     | AVG                     |                           |         |

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 8\Data :#333

Page: 1

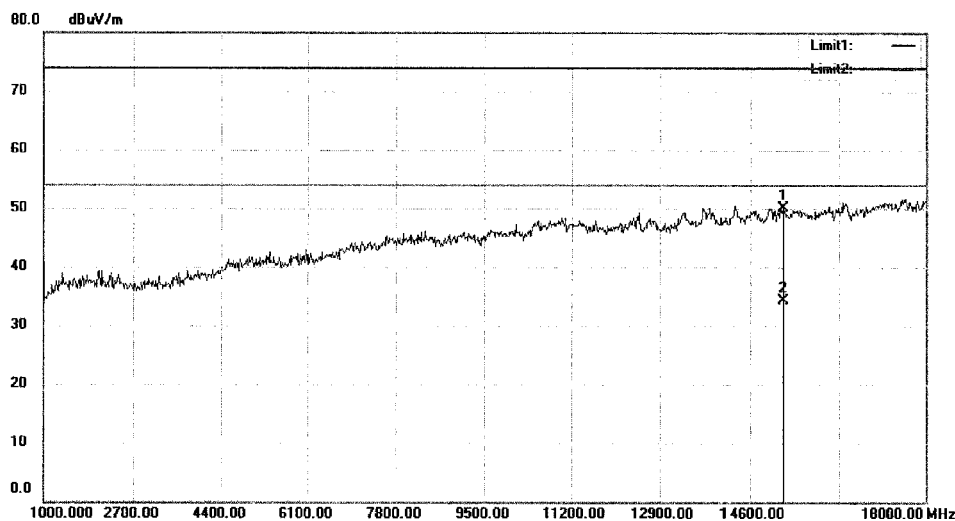
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**Radiated Emission Measurement**

File :TUV 8

Data :#332

Date: 15/08/19/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:Video play(Memory)

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree |        |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|--------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector       | cm           | degree |
| 1   |     | 15212.00 | 57.22         | -7.05          | 50.17        | 74.00  | -23.83 | peak           |              |        |
| 2   | *   | 15212.00 | 41.44         | -7.05          | 34.39        | 54.00  | -19.61 | AVG            |              |        |

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 8\Data :#332

Page: 1

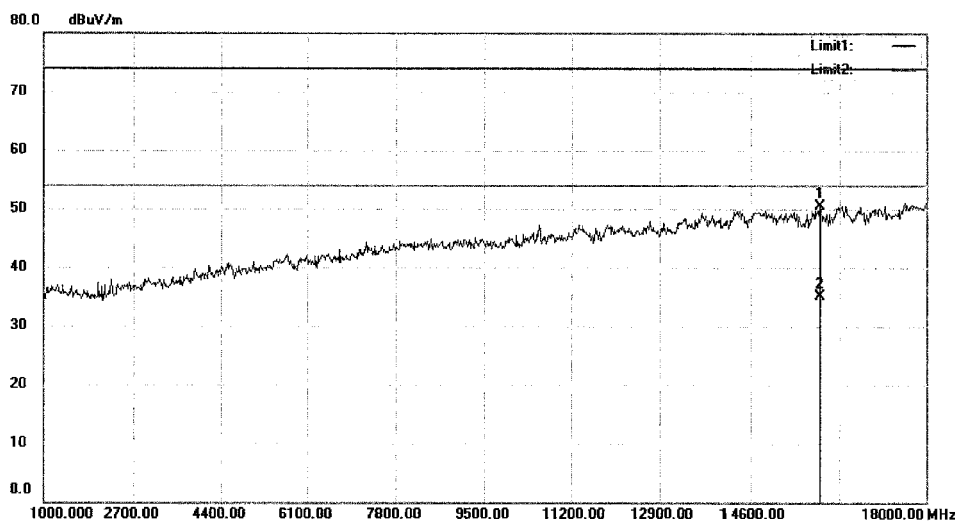
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**Radiated Emission Measurement**

File :TUV 8

Data :#335

Date: 15/08/19/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: Video play(SD)

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1   |     | 15926.00     | 58.24                    | -7.69                   | 50.55                      | 74.00           | -23.45     | peak                    |                           |         |
| 2   | *   | 15926.00     | 42.82                    | -7.69                   | 35.13                      | 54.00           | -18.87     | AVG                     |                           |         |

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 8\Data :#335

Page: 1

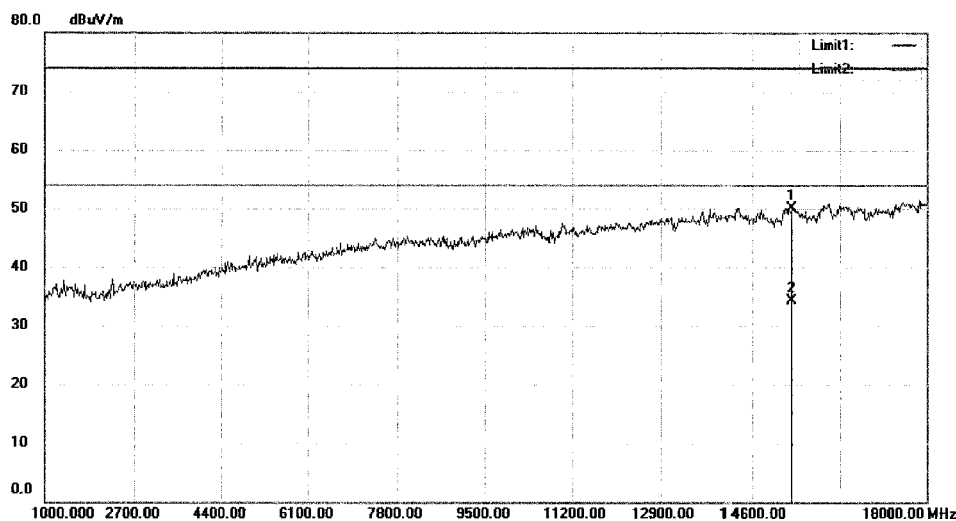
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**Radiated Emission Measurement**

File :TUV 8

Data :#334

Date: 15/08/19/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:Video play(SD)

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree |        |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|--------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector       | cm           | degree |
| 1   |     | 15365.00 | 57.34         | -7.18          | 50.16        | 74.00  | -23.84 | peak           |              |        |
| 2   | *   | 15365.00 | 41.53         | -7.18          | 34.35        | 54.00  | -19.65 | AVG            |              |        |

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 8\Data :#334

Page: 1

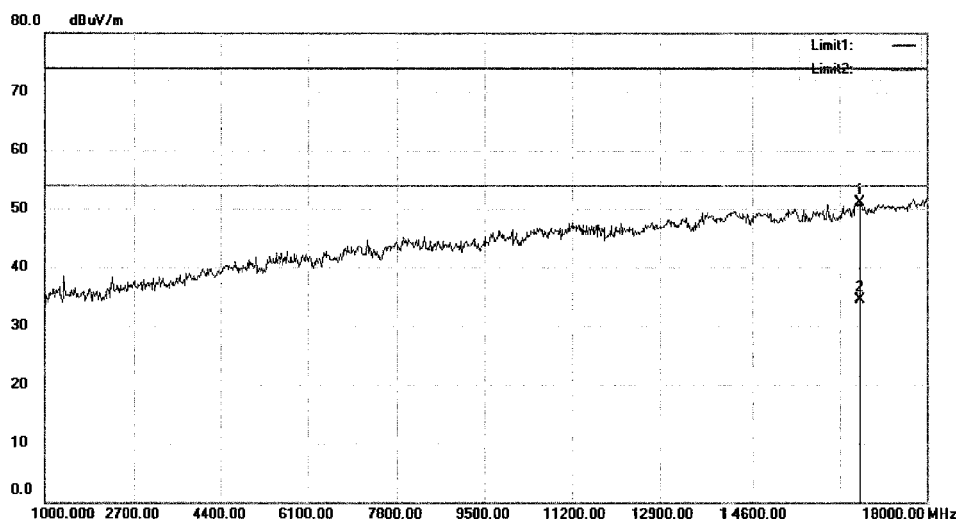
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**Radiated Emission Measurement**

File :TUV 8

Data :#337

Date: 15/08/19/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:USB LINK

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1   |     | 16691.00     | 56.90                    | -5.81                   | 51.09                      | 74.00           | -22.91     | peak                    |                           |         |
| 2   | *   | 16691.00     | 40.23                    | -5.81                   | 34.42                      | 54.00           | -19.58     | AVG                     |                           |         |

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 8\Data :#337

Page: 1

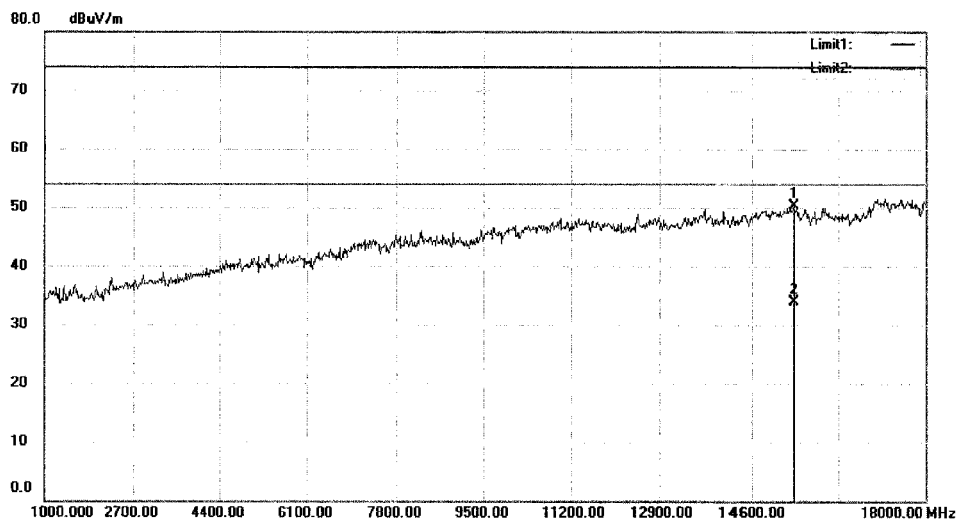
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**Radiated Emission Measurement**

File :TUV 8

Data :#336

Date: 15/08/19/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:USB LINK

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |        |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector       | cm           | degree |
| 1   |     | 15416.00 | 57.58         | -7.23          | 50.35       | 74.00  | -23.65 | peak           |              |        |
| 2   | *   | 15416.00 | 41.21         | -7.23          | 33.98       | 54.00  | -20.02 | AVG            |              |        |

\*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#336

Page: 1

## 6. Photographs of the Test Set-Up

**Photograph 1: Set-up for Conducted Emission**



**Photograph 2: Set-up for Radiated Emission of below 1GHz**



**Photograph 3: Set-up for Radiated Emission of 1 - 18GHz**



## 7. List of Tables

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