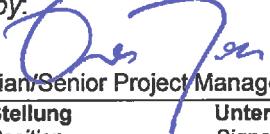


|   |   |   |                           |  |                             |   |                           |
|---|---|---|---------------------------|--|-----------------------------|---|---------------------------|
| Prüfbericht-Nr.:<br><i>Test Report No.:</i>   | 17051492 002  | Auftrags-Nr.:<br><i>Order No.:</i>                  | 164042267                 | Seite 1 von 155<br><i>Page 1 of 155</i>  |                             |   |                           |
| Kunden-Referenz-Nr.:<br><i>Client Reference No.:</i>  | N/A   | Auftragsdatum:<br><i>Order date:</i>                | 30.07.2015                |  |                             |   |                           |
| Auftraggeber:<br><i>Client:</i>   | Lightcomm Technology Co., Ltd.<br>RM1708-10, 17/F, PROSPERITY CENTRE, 25 CHONG YIP STREET, KWUN TONG, HONG KONG                           |   |                           |  |                             |   |                           |
| Prüfgegenstand:<br><i>Test item:</i>  | 7" Wi-Fi Android™ Tablet  |   |                           |  |                             |   |                           |
| Bezeichnung / Typ-Nr.:<br><i>Identification / Type No.:</i>   | DL718M, DL718M-B, DL-718M-G, DL718M-P, DL718M-R, MID721-L   |   |                           |  |                             |   |                           |
| Auftrags-Inhalt:<br><i>Order content:</i>   | FCC Certification   |   |                           |  |                             |   |                           |
| Prüfgrundlage:<br><i>Test specification:</i>  | CFR47 FCC Part 15: Subpart C Section 15.247<br>CFR47 FCC Part 15: Subpart C Section 15.207<br>CFR47 FCC Part 15: Subpart C Section 15.209 |   |                           |  |                             |   |                           |
| Wareneingangsdatum:<br><i>Date of receipt:</i>  | 06.08.2015  |   |                           |  |                             |   |                           |
| Prüfmuster-Nr.:<br><i>Test sample No.:</i>  | A000243804-001, A000243804-002, A000243804-003  |   |                           |  |                             |   |                           |
| Prüfzeitraum:<br><i>Testing period:</i>   | 08.08.2015 - 17.08.2015   |   |                           |  |                             |   |                           |
| Ort der Prüfung:<br><i>Place of testing:</i>  | Shenzhen EMTEK Co., Ltd.  |   |                           |  |                             |   |                           |
| Prüflaboratorium:<br><i>Testing laboratory:</i>   | TÜV Rheinland (Shenzhen) Co., Ltd.  |   |                           |  |                             |   |                           |
| Prüfergebnis*:<br><i>Test result*:</i>  | Pass  |   |                           |  |                             |   |                           |
| geprüft von / tested by:<br>   | kontrolliert von / reviewed by:<br>                  |   |                           |  |                             |   |                           |
| 28.08.2015  | Owen Tian/Senior Project Manager  | Datum<br>Name / Stellung<br>Date<br>Name / Position | Unterschrift<br>Signature | 28.08.2015   | Sam Lin/Technical Certicier | Datum<br>Name / Stellung<br>Date<br>Name / Position | Unterschrift<br>Signature |
| <b>Sonstiges / Other:</b>   |   |   |                           |  |                             |   |                           |
| <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(pass) = entspricht o.g. Prüfgrundlage(n) F(fail) = 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(pass) = passed a.m. test specification(s) F(fail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested               |   |   |                           |  |                             |   |                           |
| 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.<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   |   |   |                           |  |                             |   |                           |

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## TEST SUMMARY

### 5.1.1 ANTENNA REQUIREMENT

*RESULT:* Pass

### 5.1.2 PEAK OUTPUT POWER

*RESULT:* Pass

### 5.1.3 6dB BANDWIDTH

*RESULT:* Pass

### 5.1.4 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHz BANDWIDTH

*RESULT:* Pass

### 5.1.5 POWER SPECTRAL DENSITY

*RESULT:* Pass

### 5.1.6 SPURIOUS EMISSION

*RESULT:* Pass

### 5.1.7 CONDUCTED EMISSIONS

*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>Transmitter spurious 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>Radio Spectrum Test</b>            |                 |                    |                                 |                  |
| EMI Test Receiver                     | Rohde & Schwarz | ESCI               | 101045                          | 2016-05-16       |
| Vector Signal Generator               | Agilent         | N5182B             | My53050553                      | 2016-05-28       |
| Analog Signal Generator               | Agilent         | N5171B             | My53050878                      | 2016-05-28       |
| Signal Analyzer                       | Agilent         | N9010A             | My53470879                      | 2016-05-28       |
| Power Meter                           | Agilent         | PS-X10-100         | N/A                             | 2016-05-28       |
| Temp. / Humidity Chamber              | Kingson         | THS-M1             | 242                             | 2016-05-28       |
| <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

**Table 2: Measurement Uncertainty**

| Parameter                      | Uncertainty             |
|--------------------------------|-------------------------|
| Radio Frequency                | $\pm 1 \times 10^{-5}$  |
| Maximum Peak Output Power Test | $\pm 1.0\text{dB}$      |
| Conducted Emissions Test       | $\pm 2.0\text{dB}$      |
| Radiated Emission Test         | $\pm 2.0\text{dB}$      |
| Power Density                  | $\pm 2.0\text{dB}$      |
| Occupied Bandwidth Test        | $\pm 1.0\text{dB}$      |
| Band Edge Test                 | $\pm 3\text{dB}$        |
| All emission, radiated         | $\pm 3\text{dB}$        |
| Antenna Port Emission          | $\pm 3\text{dB}$        |
| Temperature                    | $\pm 0.5^\circ\text{C}$ |
| Humidity                       | $\pm 3\%$               |

## 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.

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## 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.

### 3. General Product Information

#### 3.1 Product Function and Intended Use

The EUTs are 7" tablet with Wi-Fi, Bluetooth & GPS function. These models are identical except the model name and color. 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         | 7" Wi-Fi Android™ Tablet                                  |
| Type Designation          | DL718M, DL718M-B, DL-718M-G, DL718M-P, DL718M-R, MID721-L |
| FCC ID                    | XMF-MID721  |
| Operating Frequency band  | 2412 – 2462MHz  |
| Extreme Temperature Range | -30~+75°C   |
| Operation Voltage         | DC 3.7V (via built in battery)                            |
|                           | DC 5V (via AC/DC adapter)                                 |
| Antenna Gain              | 1.28dBi   |

**Table 4: Technical Specification of Wi-Fi**

| Item                                     | Description               |                              |                                   |                                   |
|--|---------------------------|------------------------------|-----------------------------------|-----------------------------------|
|  | IEEE 802.11b              | IEEE 802.11g                 | IEEE 802.11n (HT20)               | IEEE 802.11n (HT40)               |
| Operating Frequency band (MHz)           | 2412 ~ 2472               | 2412 ~ 2472                  | 2412 ~ 2472                       | 2422 ~ 2452                       |
| Channel Number                           | 13                        | 13                           | 13                                | 9                                 |
| Modulation                               | DSSS (DBPSK, DQPSK), CCK) | OFDM (DBPSK, DQPSK)          | OFDM (BPSK, QPSK, 16-QAM, 64-QAM) | OFDM (BPSK, QPSK, 16-QAM, 64-QAM) |
| Data Rate (Mbps)                         | 1, 2, 5, 11               | 6, 9, 12, 18, 24, 36, 48, 54 | MCS0 ~ MCS7                       | MCS0 ~ MCS7                       |
| Transmitter Output Power (Typical) (dBm) | 16                        | 15.5                         | 15.5                              | 15                                |
| Media Access Protocol                    | CSMA/CA with ACK          | CSMA/CA with ACK             | CSMA/CA with ACK                  | CSMA/CA with ACK                  |

**Prüfbericht - Nr.: 17051492 002**  
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Page 9 of 155**Table 5: Carrier Frequency**

| Frequency Band    | Channel No. | Frequency | Channel No. | Frequency |
|-------------------|-------------|-----------|-------------|-----------|
| 2400 – 2483.5 MHz | 1           | 2412 MHz  | 8           | 2447 MHz  |
|                   | 2           | 2417 MHz  | 9           | 2452 MHz  |
|                   | 3           | 2422 MHz  | 10          | 2457 MHz  |
|                   | 4           | 2427 MHz  | 11          | 2462 MHz  |
|                   | 5           | 2432 MHz  |             |           |
|                   | 6           | 2437 MHz  |             |           |
|                   | 7           | 2442 MHz  |             |           |

### 3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wi-Fi mode (2.4GHz)
  - 1. Transmitting
    - a. Low Channel
    - b. Middle Channel
    - c. High Channel
  - 2. Receiving
- B. Standby
- C. 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 C63.10: 2013.  
According to clause 3.1, all tests were applied on model DL718M 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         | TEKA012-0501500UK | Input: AC 100-240V, 50/60Hz, 0.35A<br>Output: DC 5V, 1.5A |

The EUT was tested with following cables:

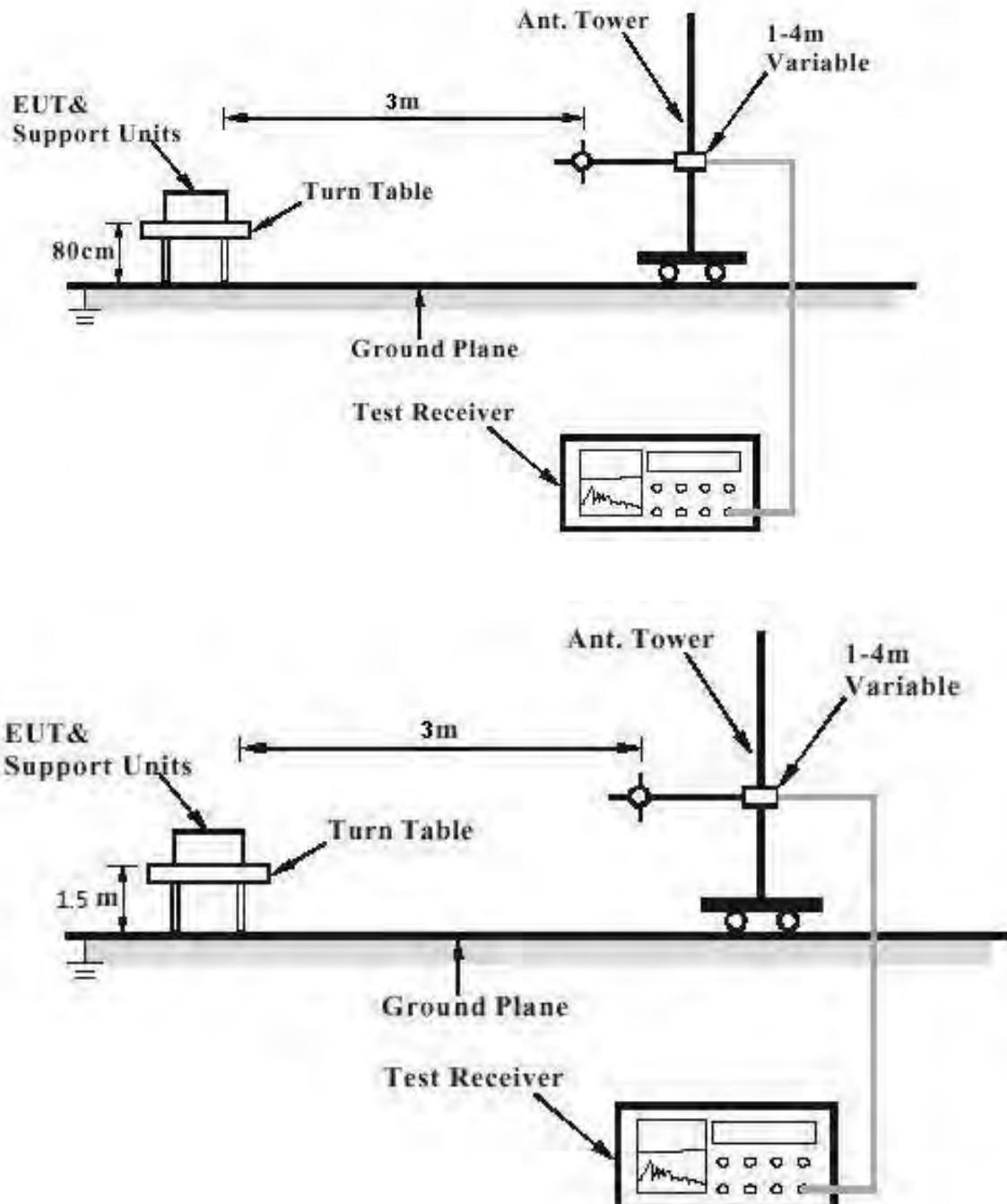
| Interface(s)/Port(s): | Max. cable length, shielding   | Cable classification |
|-----------------------|--------------------------------|----------------------|
| AC Mains of adapter   | 2 cores, non-shielded port, 3m | AC Power Input       |
| Micro USB port        | 4 cores, non-shielded port, 3m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

### 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.

## 4.5 Test Setup Diagram

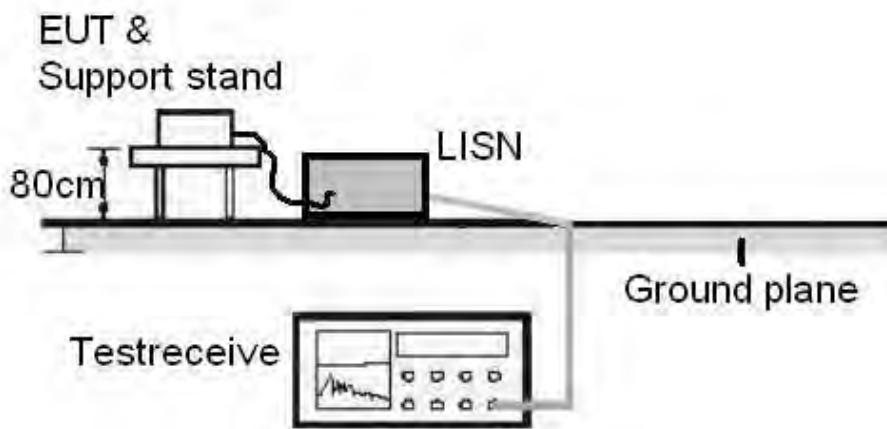
Diagram of Measurement Configuration for Radiation Test



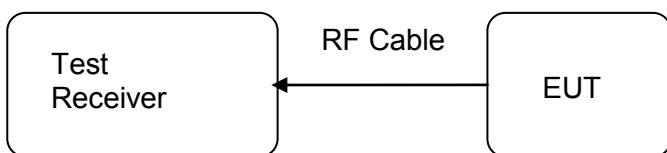
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**Diagram of Measurement Equipment Configuration for Conduction Measurement**



**Diagram of Measurement Equipment Configuration for Transmitter Measurement**



## 5. Test Results

### 5.1 Transmitter Requirement & Test Suites

#### 5.1.1 Antenna Requirement

**RESULT:****Pass**

|               |   |  |
|---------------|---|--|
| Test standard | : | Part 15.203  |
|               |   | RSS-Gen Clause 6.7   |
| Limit         |   | The use of antennas with directional gains that do not exceed 6dBi |

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 1.28dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

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### 5.1.2 Peak Output Power

#### RESULT:

Pass

|                   |   |                                 |
|-------------------|---|---------------------------------|
| Test date         | : | 2015-08-10                      |
| Test standard     | : | FCC Part 15.247(b)(3)           |
| Basic standard    | : | ANSI C63.10: 2013               |
|                   |   | Clause 9.1 of KDB 558074 v03r01 |
| Limit             | : | 1W                              |
| Kind of test site | : | Shielded room                   |

#### Test setup

|                      |   |                   |
|----------------------|---|-------------------|
| Test Channel         | : | Low/ Middle/ High |
| Operation Mode       | : | A.1               |
| Ambient temperature  | : | 25°C              |
| Relative humidity    | : | 50%               |
| Atmospheric pressure | : | 101kPa            |

**Table 6: Test result of Peak Output Power of 802.11b**

| Channel        | Channel Frequency<br>(MHz) | Peak Output Power | Limit |
|----------------|----------------------------|-------------------|-------|
|                |                            | (dBm)             | (dBm) |
| Low Channel    | 2412                       | 20.16             | 30    |
| Middle Channel | 2437                       | 20.11             | 30    |
| High Channel   | 2462                       | 20.21             | 30    |

**Table 7: Test result of Peak Output Power of 802.11g**

| Channel        | Channel Frequency<br>(MHz) | Peak Output Power | Limit |
|----------------|----------------------------|-------------------|-------|
|                |                            | (dBm)             | (dBm) |
| Low Channel    | 2412                       | 21.30             | 30    |
| Middle Channel | 2437                       | 23.20             | 30    |
| High Channel   | 2462                       | 21.45             | 30    |

**Table 8: Test result of Peak Output Power of 802.11n (HT20)**

| Channel        | Channel Frequency<br>(MHz) | Peak Output Power | Limit |
|----------------|----------------------------|-------------------|-------|
|                |                            | (dBm)             | (dBm) |
| Low Channel    | 2412                       | 21.11             | 30    |
| Middle Channel | 2437                       | 23.10             | 30    |
| High Channel   | 2462                       | 21.10             | 30    |

**Prüfbericht - Nr.: 17051492 002**  
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Page 15 of 155**Table 9: Test result of Peak Output Power of 802.11n (HT40)**

| Channel        | Channel Frequency<br>(MHz) | Peak Output Power | Limit |
|----------------|----------------------------|-------------------|-------|
|                |                            | (dBm)             | (dBm) |
| Low Channel    | 2422                       | 19.88             | 30    |
| Middle Channel | 2437                       | 23.02             | 30    |
| High Channel   | 2452                       | 20.26             | 30    |

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### 5.1.3 6dB Bandwidth

#### RESULT:

**Pass**

Date of testing : 2015-08-10  
 Test standard : FCC Part 15.247(a)(2)  
 Basic standard : ANSI C63.10: 2013  
 Clause 8 of KDB 558074 v03r01  
 Kind of test site : Shielded room

#### Test setup

Test Channel : Low/ Middle/ High  
 Operation Mode : A.1  
 Ambient temperature : 25°C  
 Relative humidity : 50%  
 Atmospheric pressure : 101kPa

**Table 10: Test result of 6dB Bandwidth of 802.11b**

| Channel      | Channel Frequency (MHz) | 6dB Bandwidth (MHz) |
|--------------|-------------------------|---------------------|
| Low Channel  | 2412                    | 10.06               |
| Mid Channel  | 2437                    | 10.06               |
| High Channel | 2462                    | 10.06               |

**Table 11: Test result of 6dB Bandwidth of 802.11g**

| Channel      | Channel Frequency (MHz) | 6dB Bandwidth (MHz) |
|--------------|-------------------------|---------------------|
| Low Channel  | 2412                    | 15.18               |
| Mid Channel  | 2437                    | 15.17               |
| High Channel | 2462                    | 15.18               |

**Table 12: Test result of 6dB Bandwidth of 802.11n (HT20)**

| Channel      | Channel Frequency (MHz) | 6dB Bandwidth (MHz) |
|--------------|-------------------------|---------------------|
| Low Channel  | 2412                    | 15.17               |
| Mid Channel  | 2437                    | 15.17               |
| High Channel | 2462                    | 15.18               |

**Table 13: Test result of 6dB Bandwidth of 802.11n (HT40)**

| Channel      | Channel Frequency (MHz) | 6dB Bandwidth (MHz) |
|--------------|-------------------------|---------------------|
| Low Channel  | 2422                    | 35.30               |
| Mid Channel  | 2437                    | 35.30               |
| High Channel | 2452                    | 35.30               |

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### 5.1.4 Conducted Spurious Emissions measured in 100kHz Bandwidth

#### RESULT:

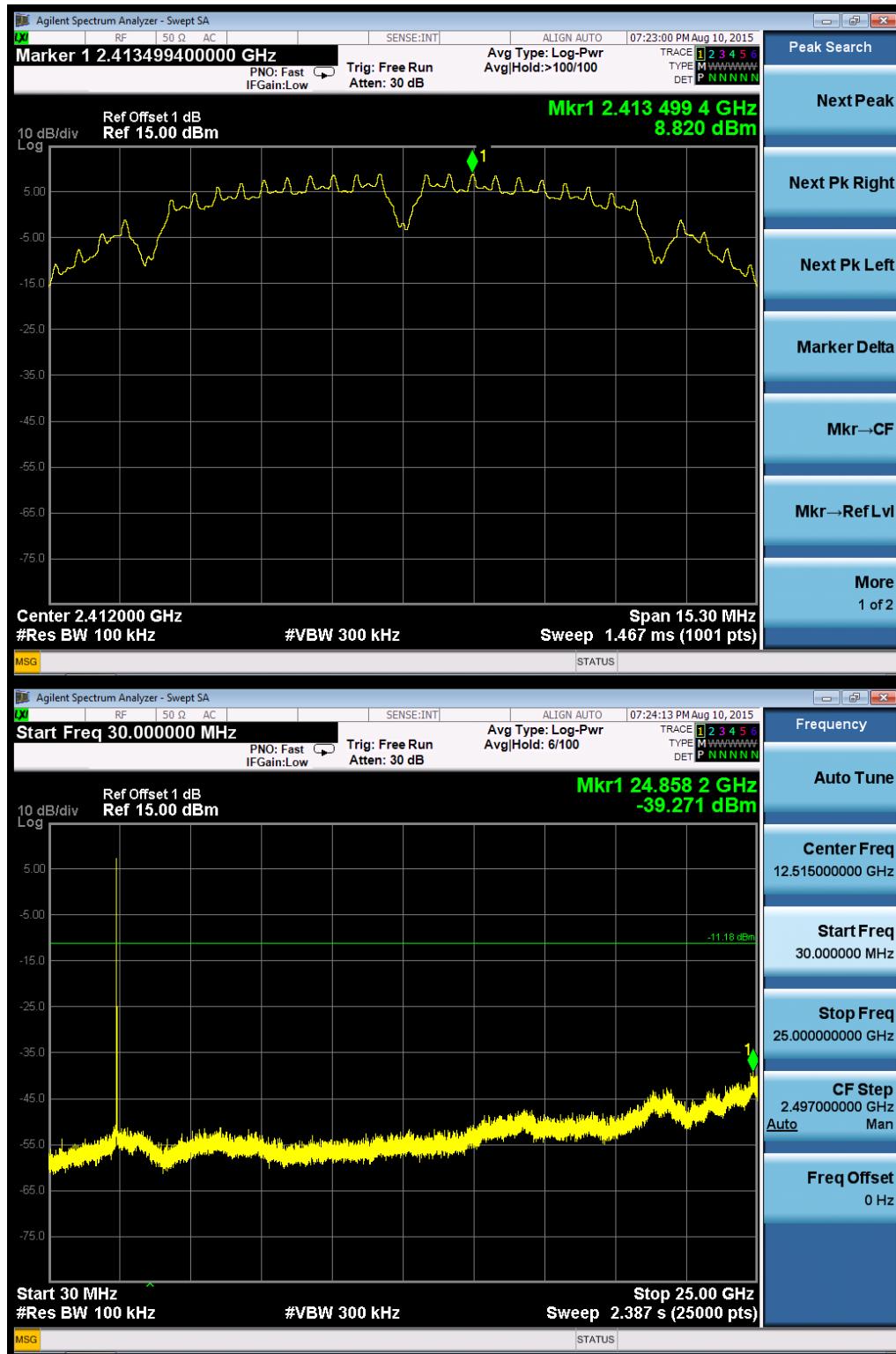
Pass

|                   |   |  |
|-------------------|---|--|
| Date of testing   | : | 2015-08-10   |
| Test standard     | : | FCC part 15.247(d)   |
| Basic standard    | : | ANSI C63.10: 2013<br>Clause 13 of KDB 558074 v03r01  |
| Limit             | : | 20dB (below that in the 100kHz bandwidth within<br>the band that contains the highest level of the<br>desired power) |
| Kind of test site | : | Shield room  |

#### Test setup

|                      |   |                   |
|----------------------|---|-------------------|
| Test Channel         | : | Low/ Middle/ High |
| Operation mode       | : | A.1               |
| Ambient temperature  | : | 25°C              |
| Relative humidity    | : | 50%               |
| Atmospheric pressure | : | 101kPa            |

For details refer to following test plot.

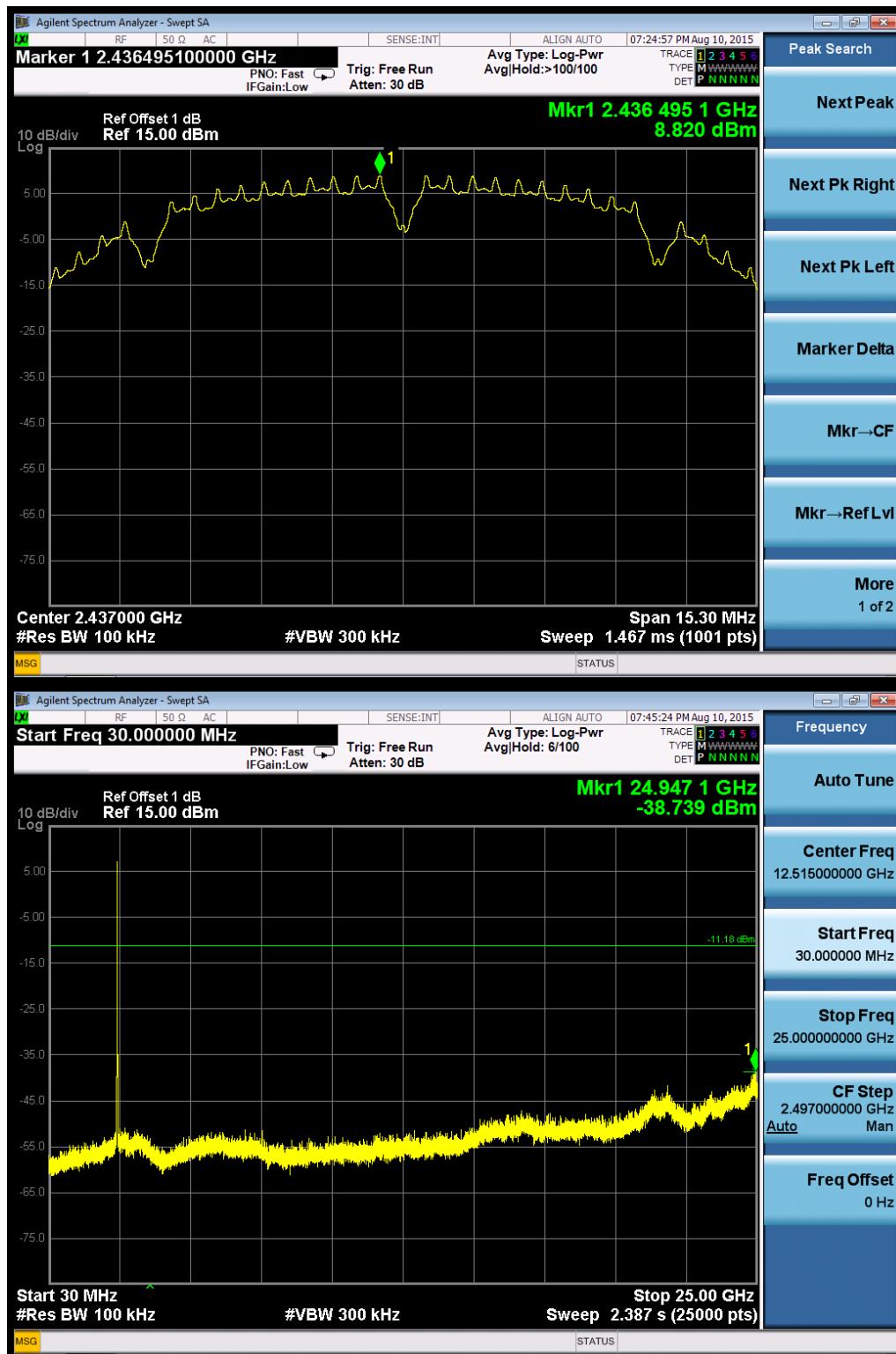
**Prüfbericht - Nr.: 17051492 002**  
*Test Report No.*
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**Test Plot of Conducted spurious emissions measured in 100kHz  
Bandwidth of 802.11b  
Low Channel**


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## Middle Channel



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## High Channel



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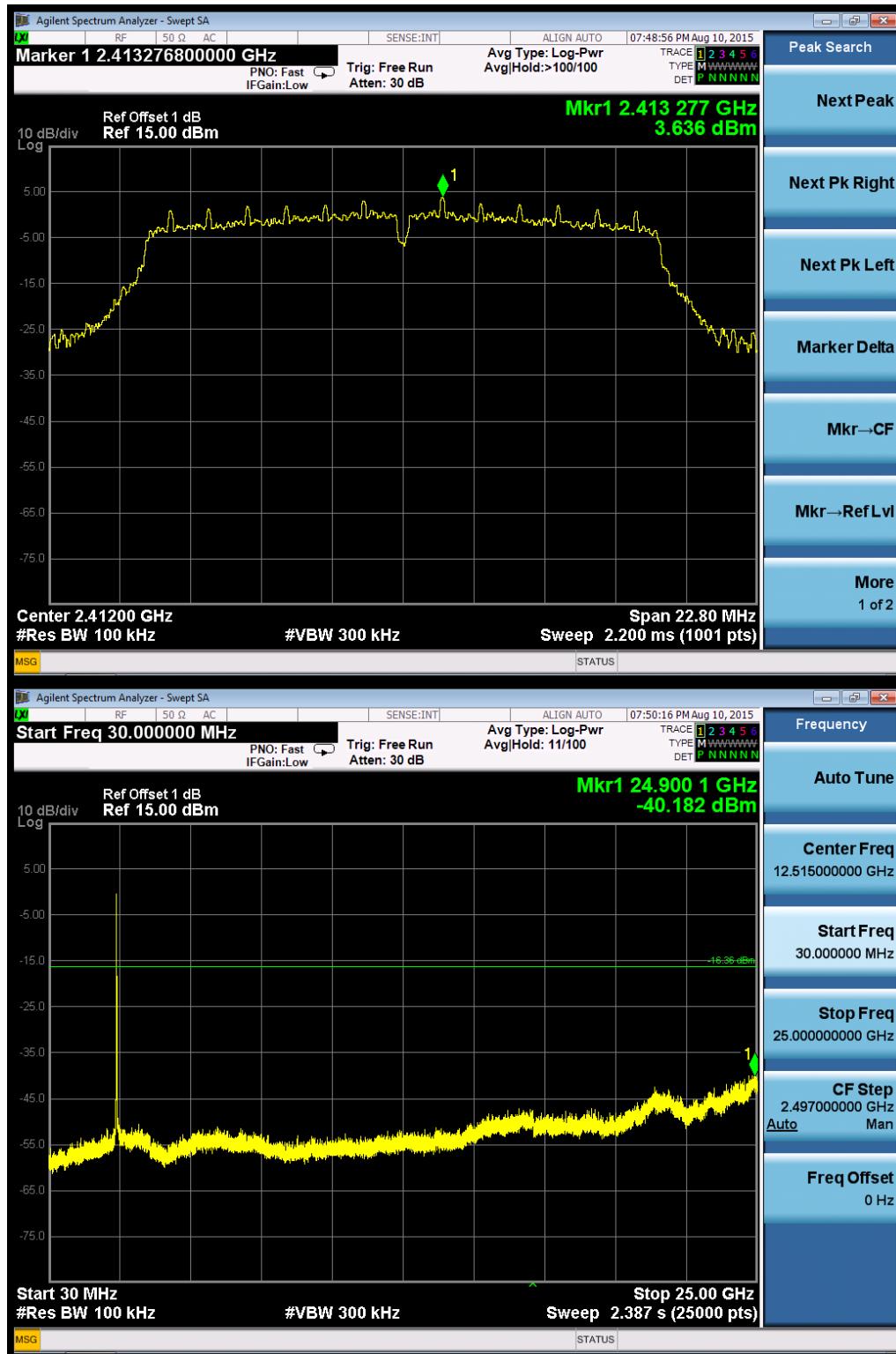
## Band Edge



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**Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11g Low Channel**

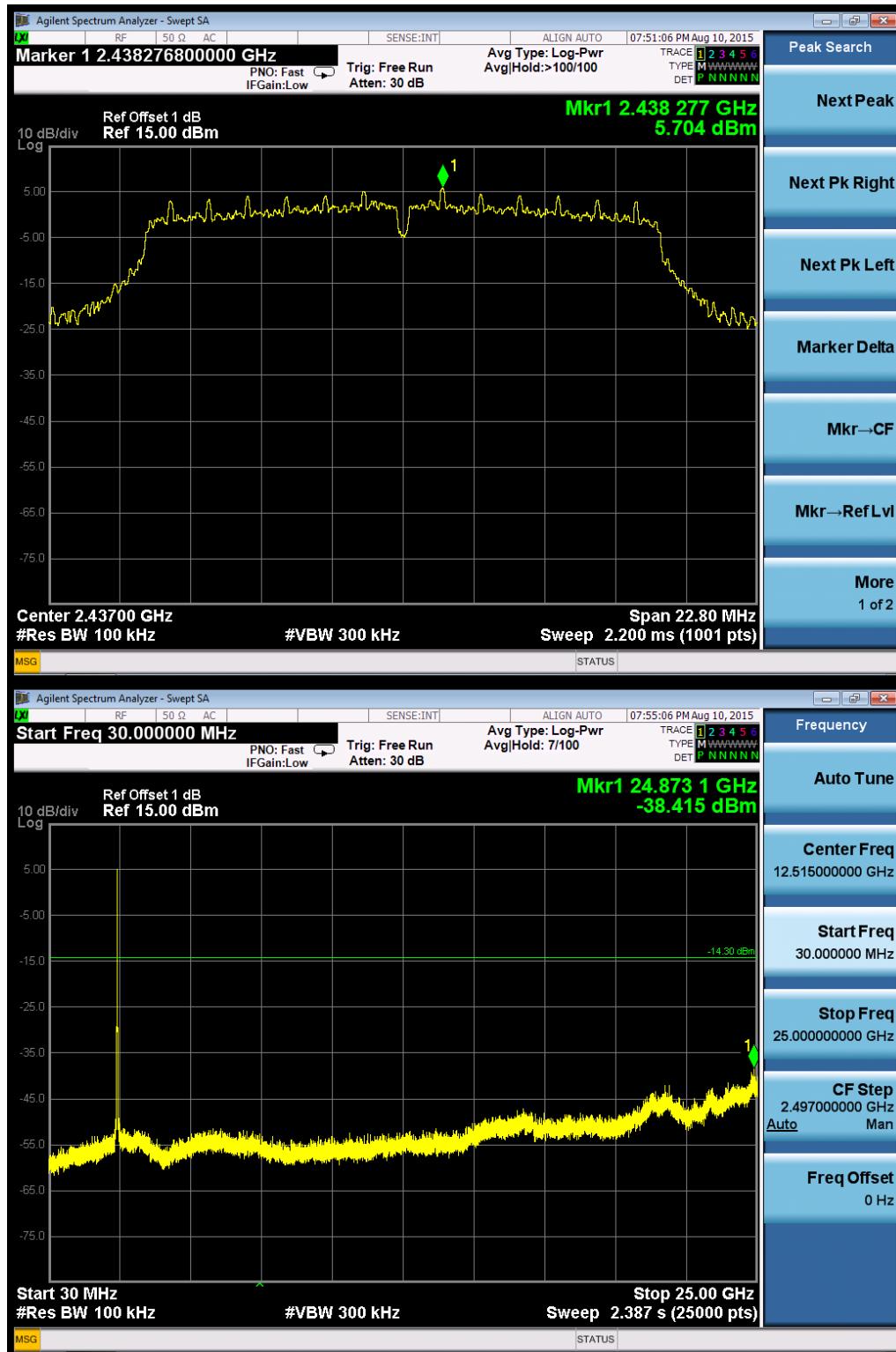


# Prüfbericht - Nr.: 17051492 002

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## Middle Channel

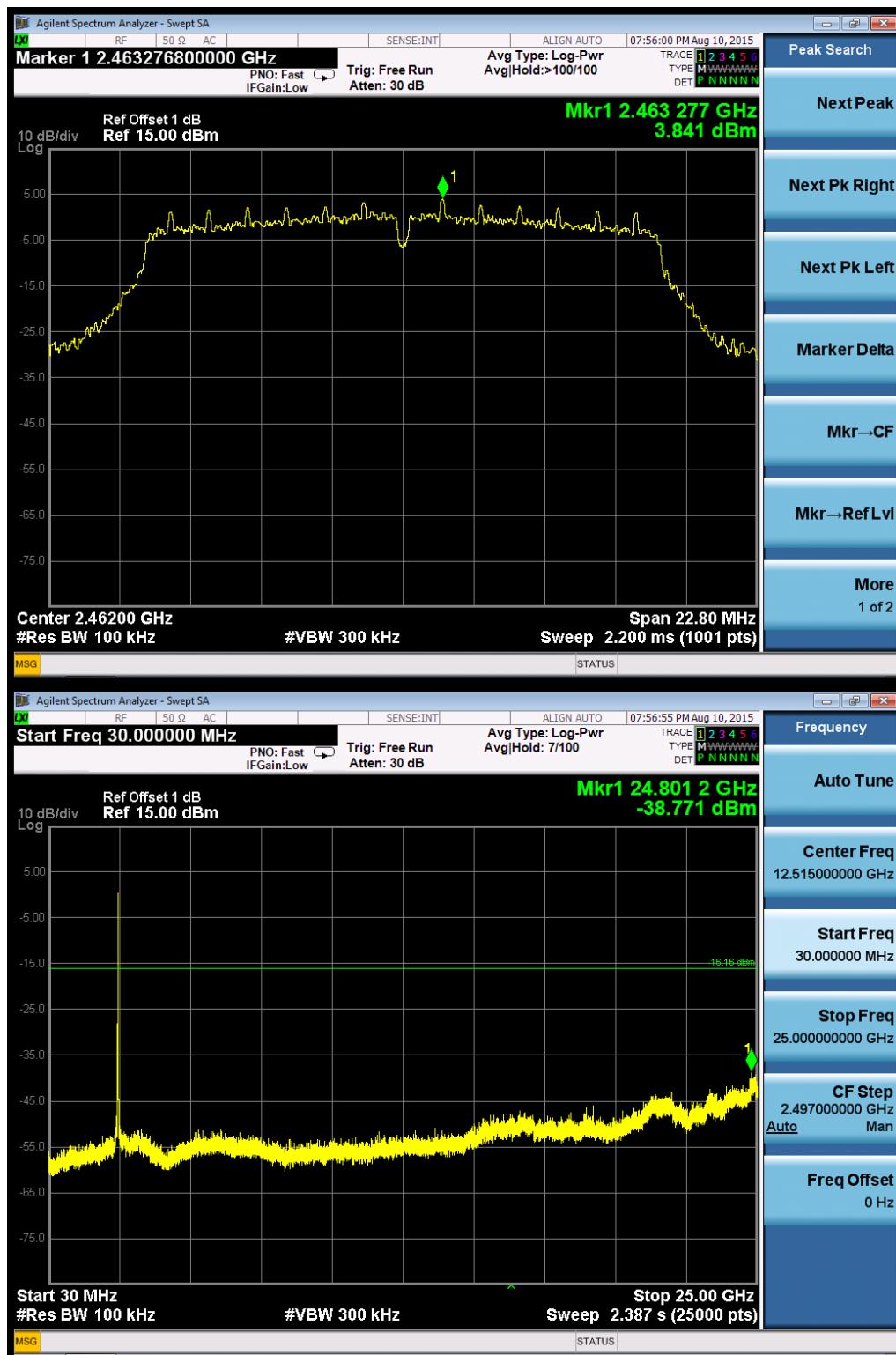


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## High Channel

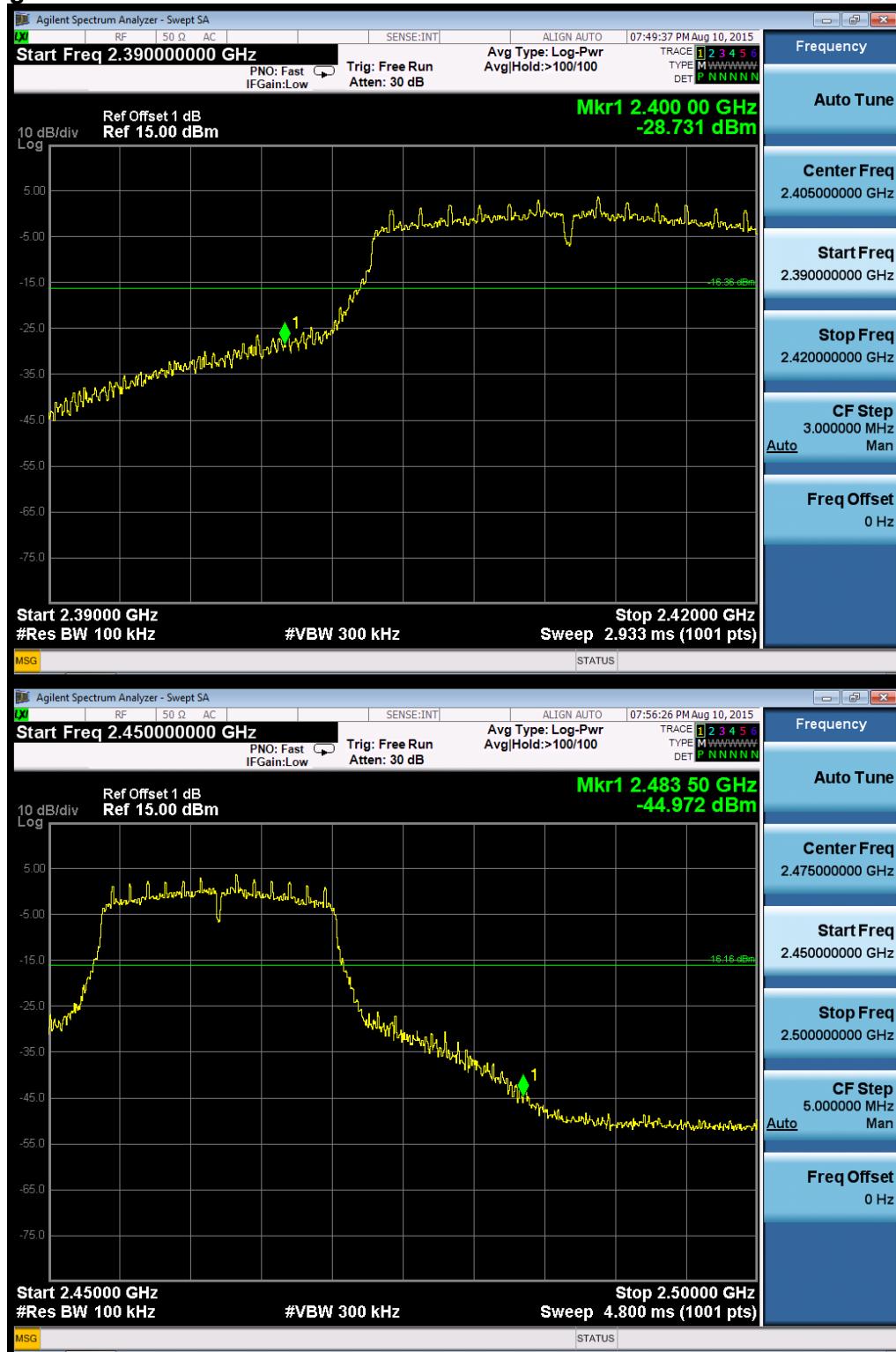


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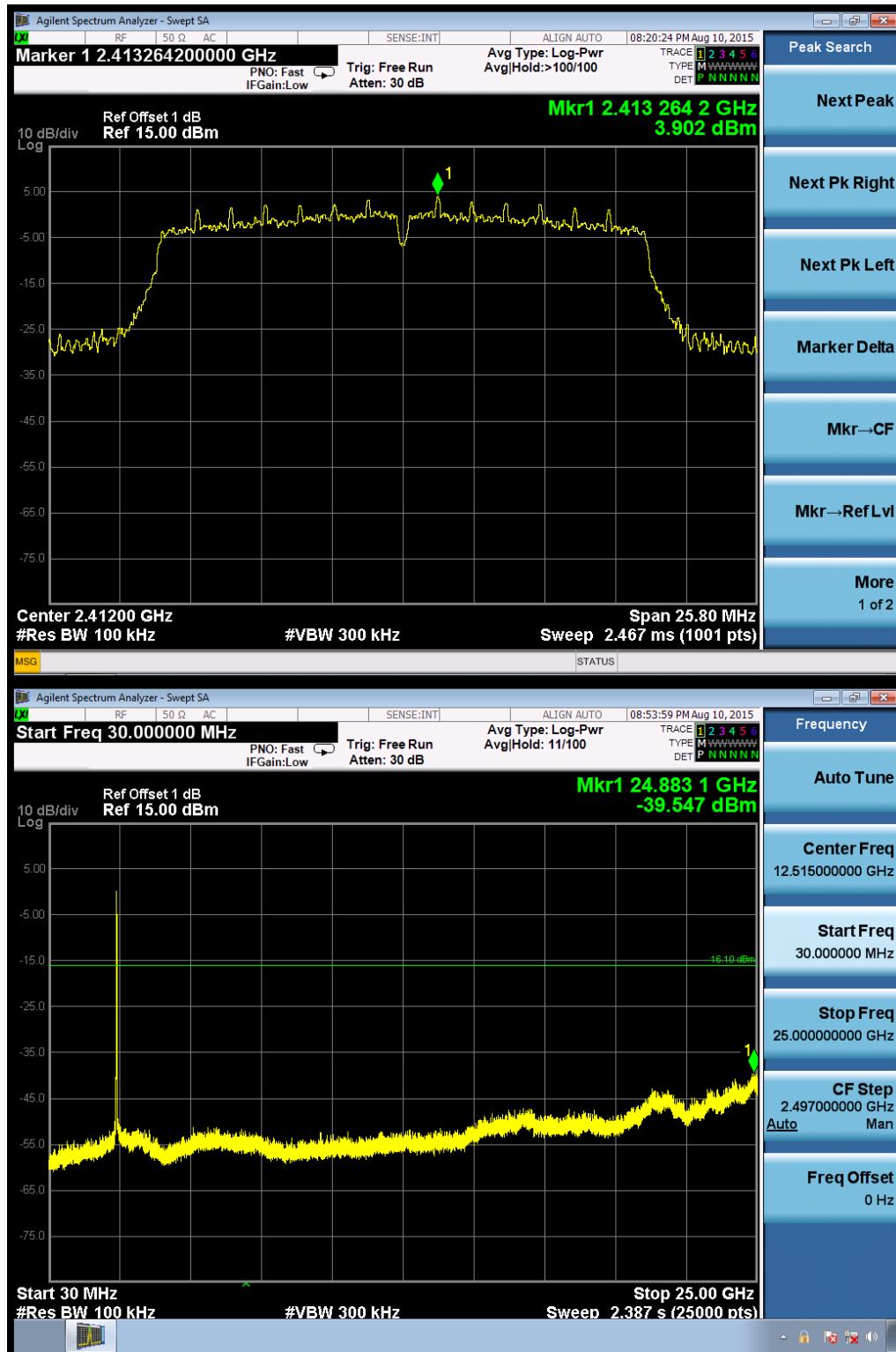
## Band Edge



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**Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11n (HT20) Low Channel**

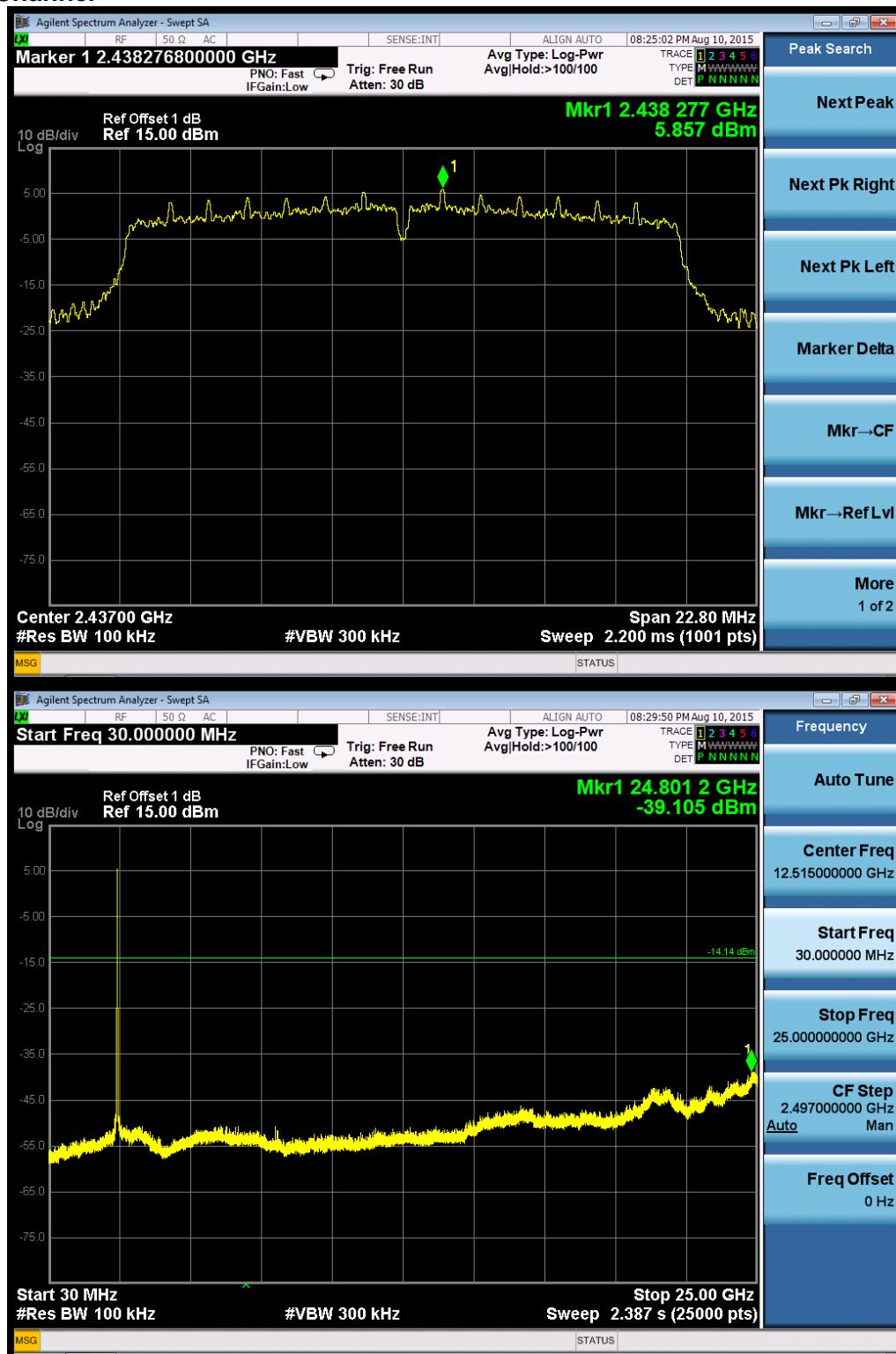


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## Middle Channel

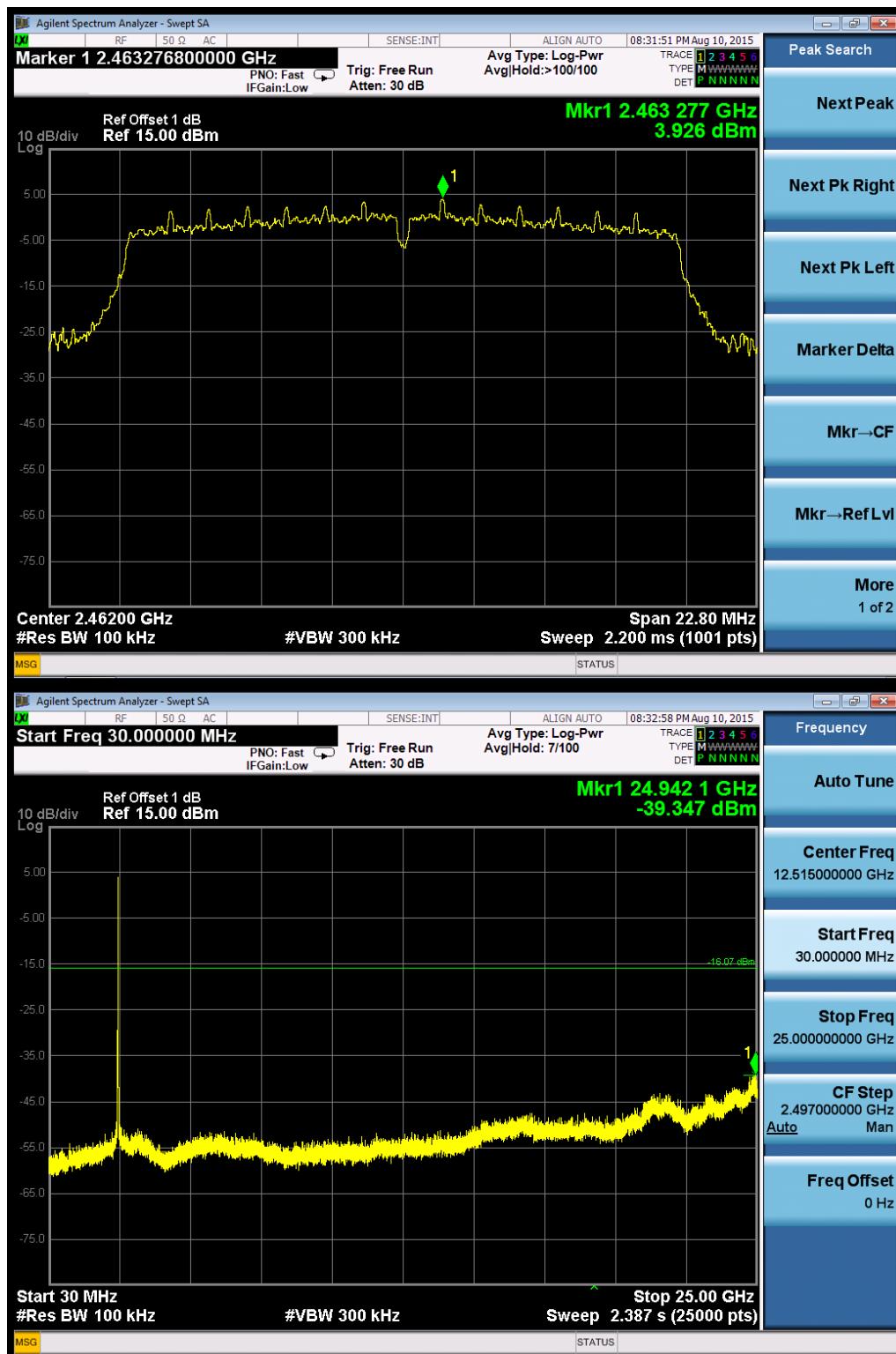


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## High Channel

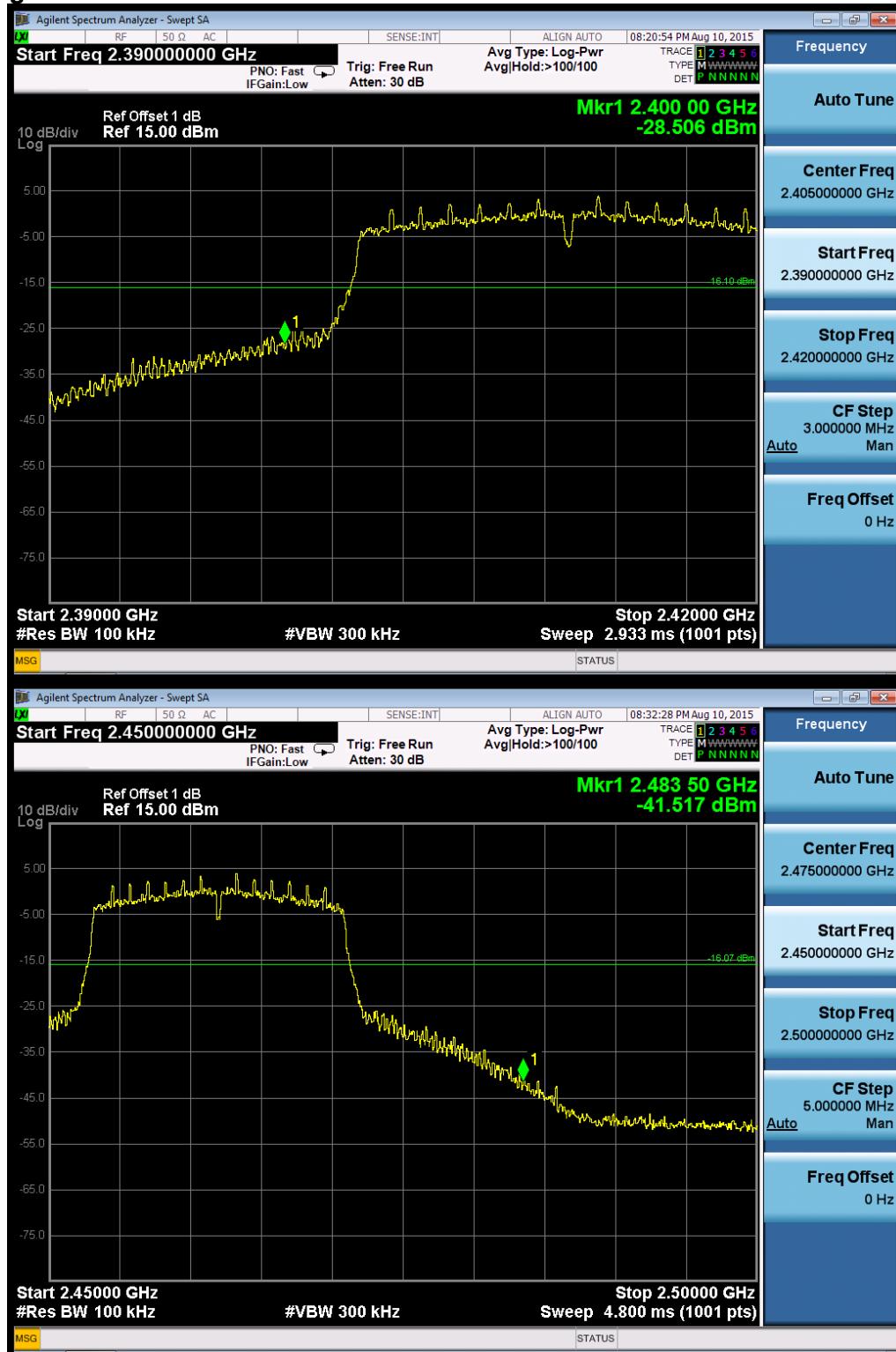


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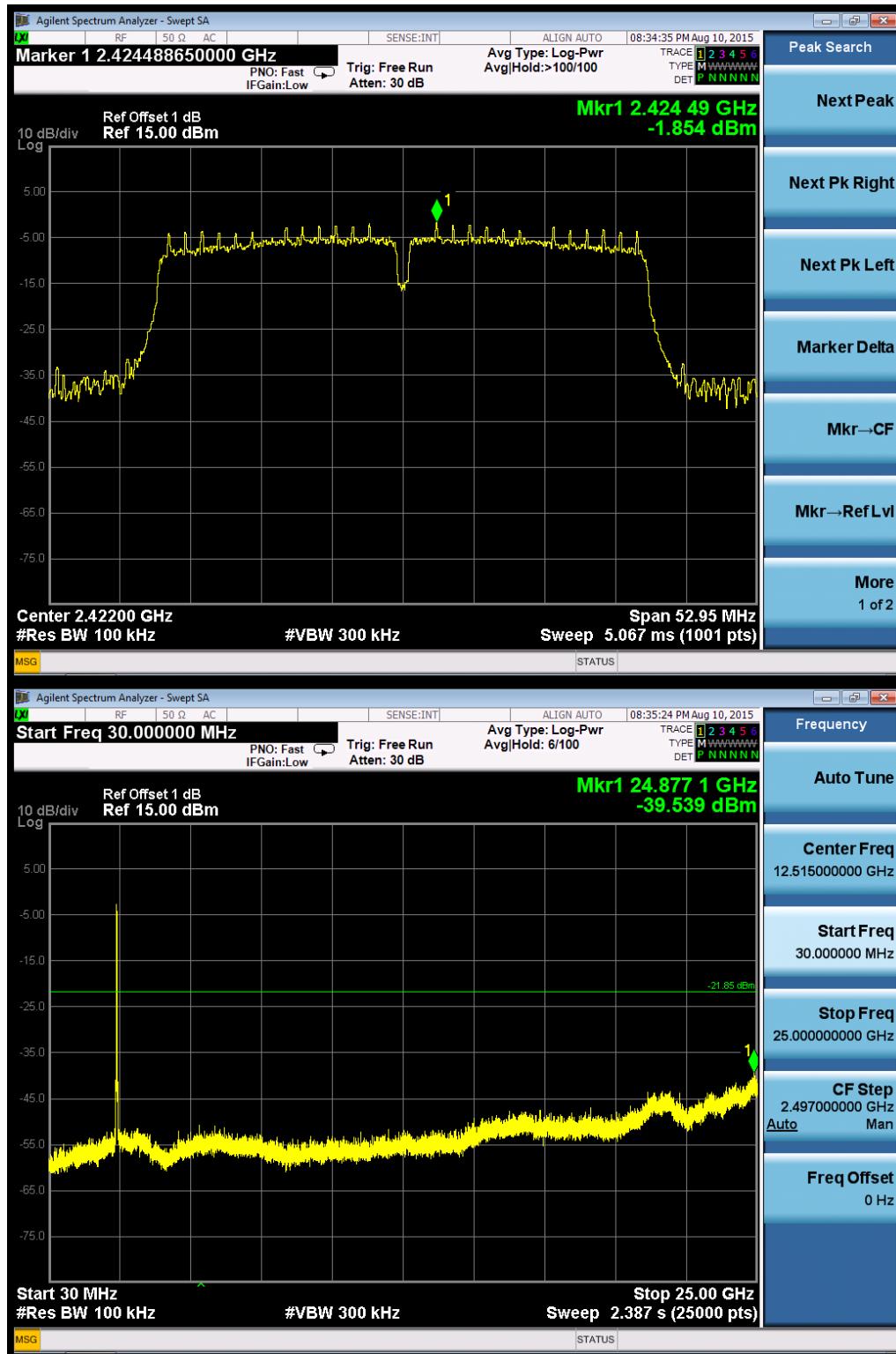
## Band Edge



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**Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11n (HT40) Low Channel**

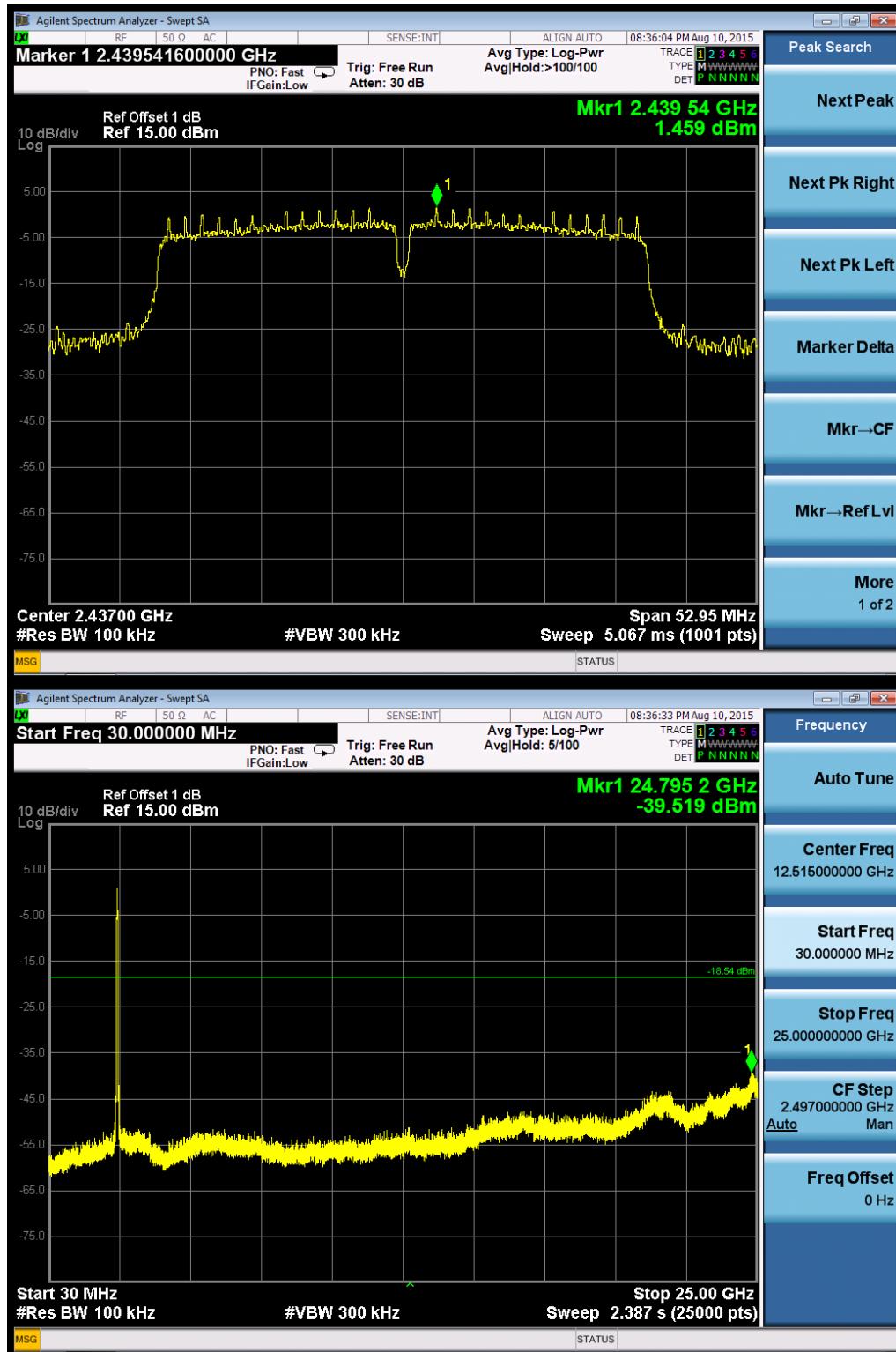


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## Middle Channel

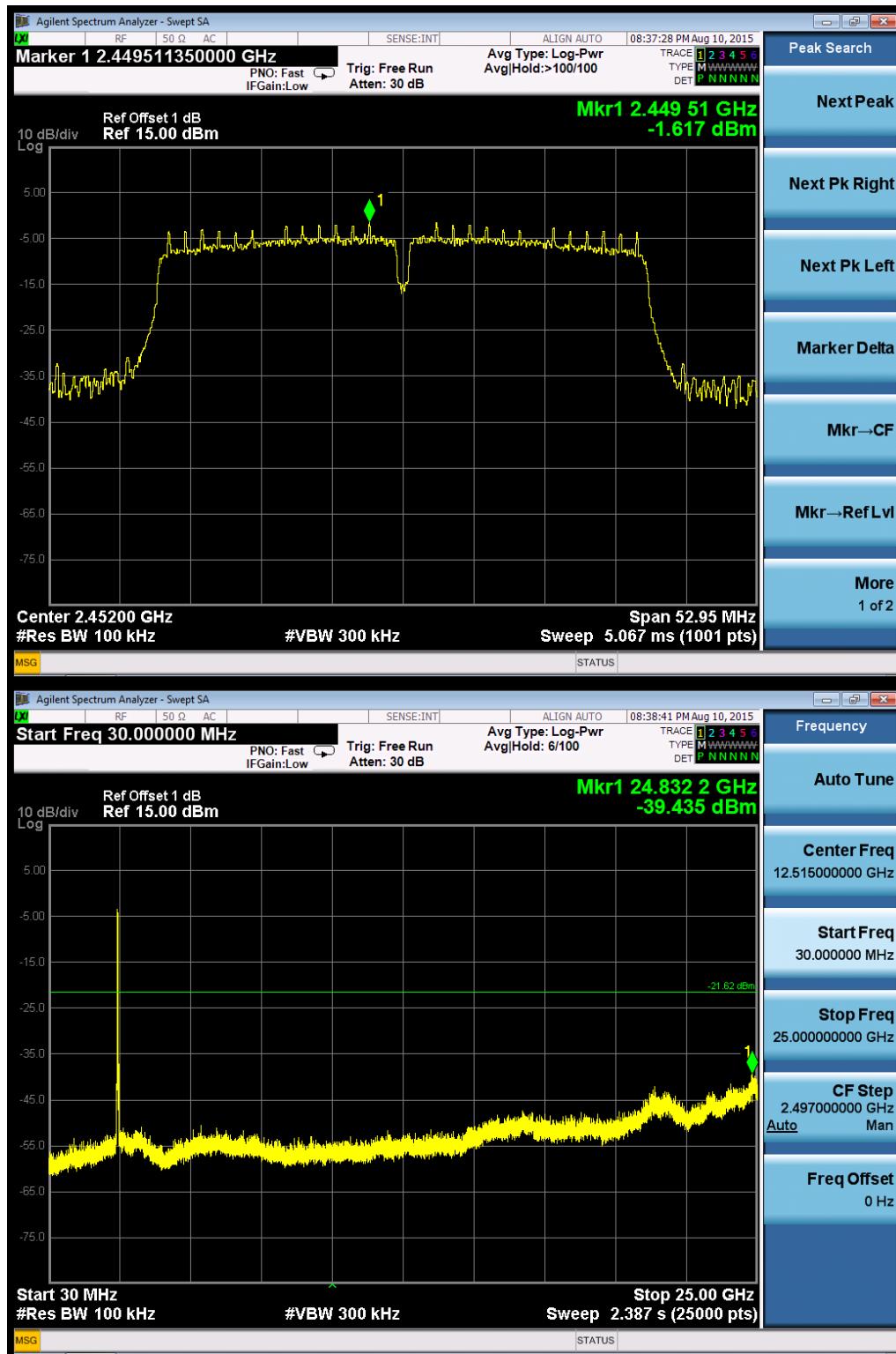


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## High Channel

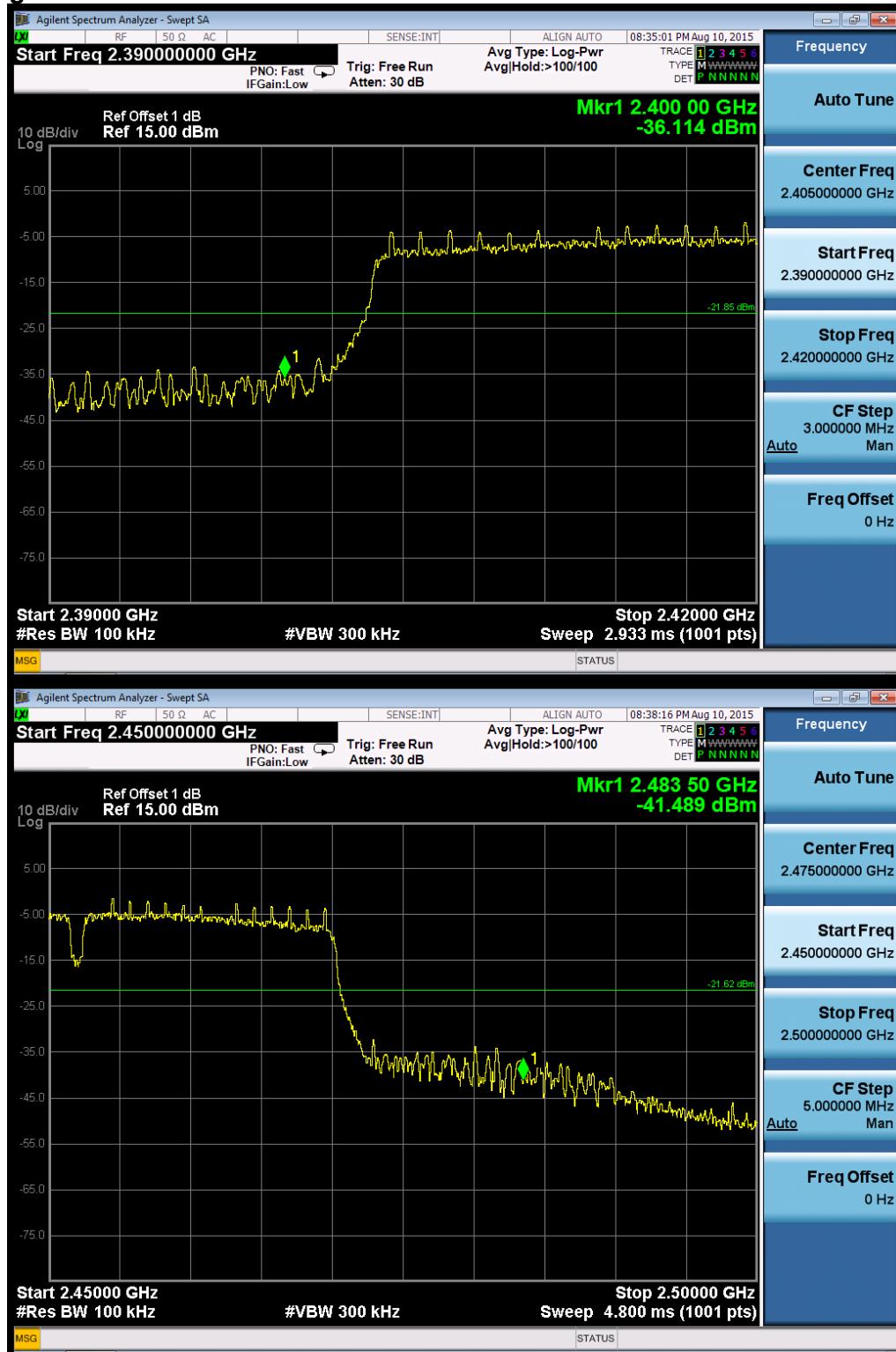


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## Band Edge



**Prüfbericht - Nr.:** **17051492 002**  
*Test Report No.*

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### 5.1.5 Power spectral density

#### RESULT:

**Pass**

Date of testing : 2015-08-10  
 Test standard : FCC part 15.247(e)  
 Basic standard : ANSI C63.10: 2013  
 Clause 10 of KDB 558074 v03r01  
 Limit : 8dBm/3kHz  
 Kind of test site : Shield room

#### Test setup

Test Channel : Low/ Middle/ High  
 Operation mode : A.1  
 Ambient temperature : 25°C  
 Relative humidity : 50%  
 Atmospheric pressure : 101kPa

**Table 14: Test result of power spectral density:**

| Mode           | Rate (Mbps) | Channel (MHz) | Result (dBm/3kHz) | Limit (dBm/3kHz) | Conclusion |
|----------------|-------------|---------------|-------------------|------------------|------------|
| 802.11b        |             | 2412          | -5.703            | 8                | Pass       |
|                |             | 2437          | -6.078            | 8                | Pass       |
|                |             | 2462          | -2.946            | 8                | Pass       |
| 802.11g        |             | 2412          | -10.651           | 8                | Pass       |
|                |             | 2437          | -8.684            | 8                | Pass       |
|                |             | 2462          | -10.350           | 8                | Pass       |
| 802.11n (HT20) |             | 2412          | -10.551           | 8                | Pass       |
|                |             | 2437          | -8.990            | 8                | Pass       |
|                |             | 2462          | -11.097           | 8                | Pass       |
| 802.11n (HT40) |             | 2422          | -16.131           | 8                | Pass       |
|                |             | 2437          | -12.733           | 8                | Pass       |
|                |             | 2452          | -16.016           | 8                | Pass       |

**Prüfbericht - Nr.: 17051492 002**  
*Test Report No.*Seite 35 von 155  
Page 35 of 155**5.1.6 Spurious Emission****RESULT:****Pass**

|                   |   |   |
|-------------------|---|---|
| Date of testing   | : | 2015-08-09                                  |
| Test standard     | : | FCC part 15.247(d)                          |
| Basic standard    | : | ANSI C63.10: 2013                           |
|                   |   | Clause 11 of KDB 558074 v03r01              |
| Limits            | : | FCC part 15.209(a)                          |
| Kind of test site | : | 3m Semi-Anechoic Chamber & Anechoic Chamber |

**Test setup**

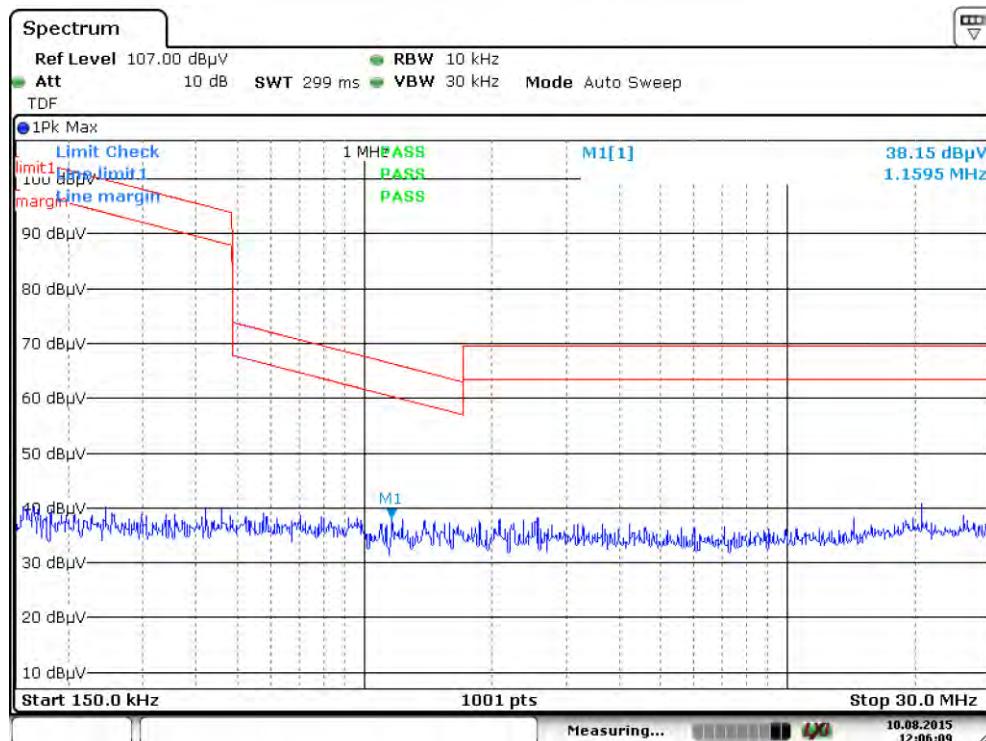
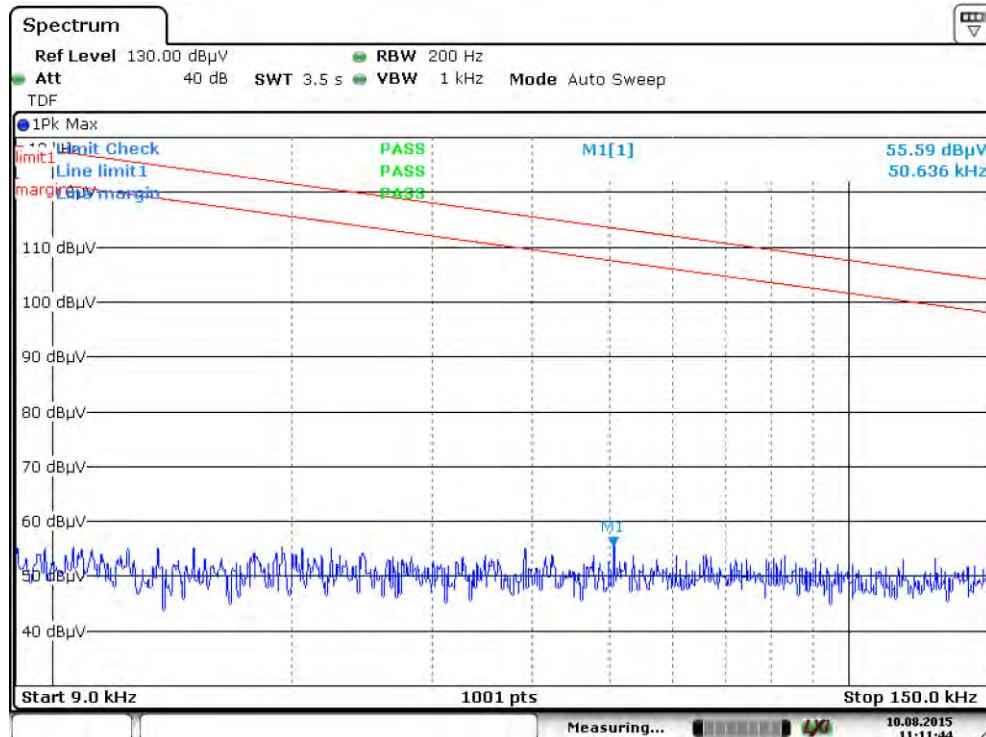
|                      |   |                   |
|----------------------|---|-------------------|
| Test Channel         | : | Low/ Middle/ High |
| Operation mode       | : | A.1               |
| Ambient temperature  | : | 24°C              |
| Relative humidity    | : | 53%               |
| Atmospheric pressure | : | 101kPa            |

For details refer to following test plot.

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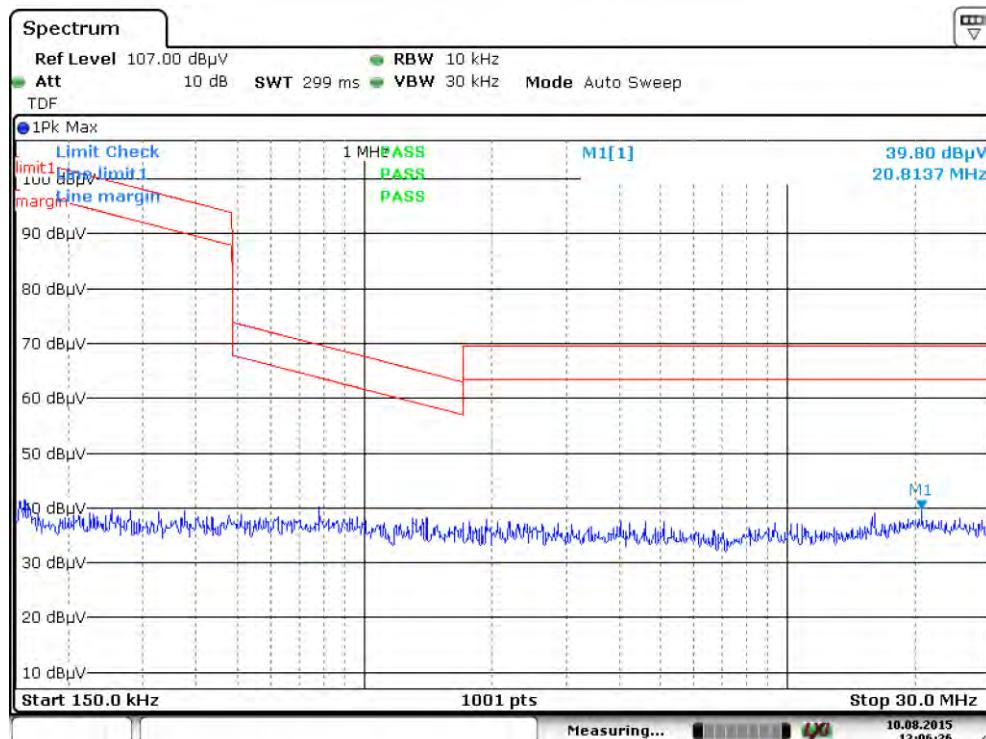
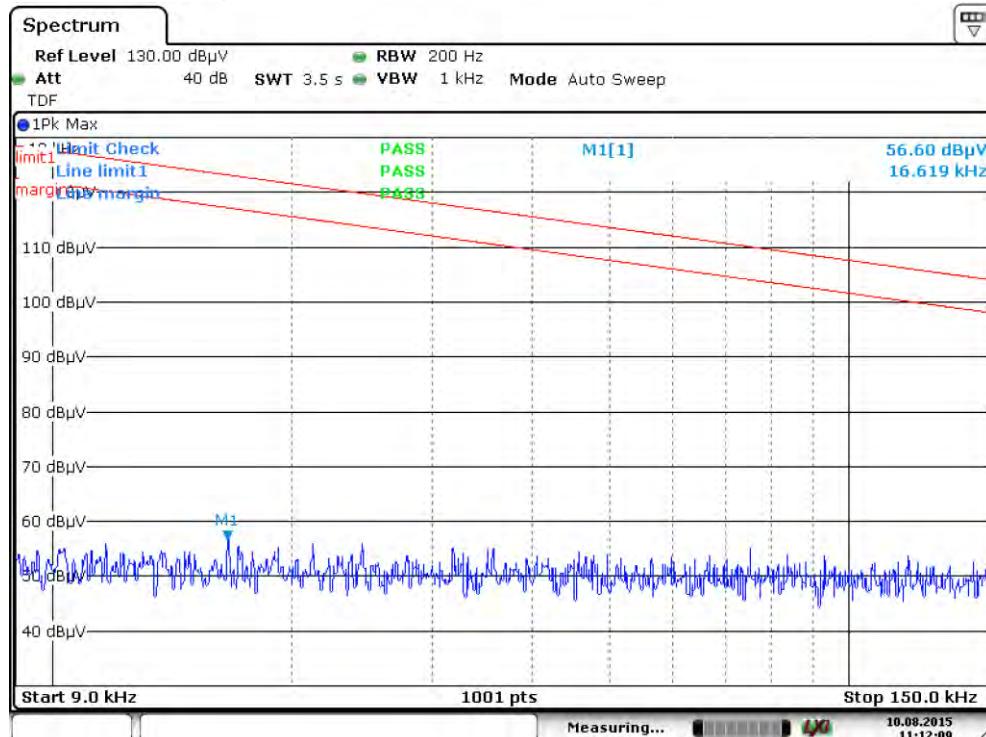
**Test Plot of 802.11b, Low Channel - X**



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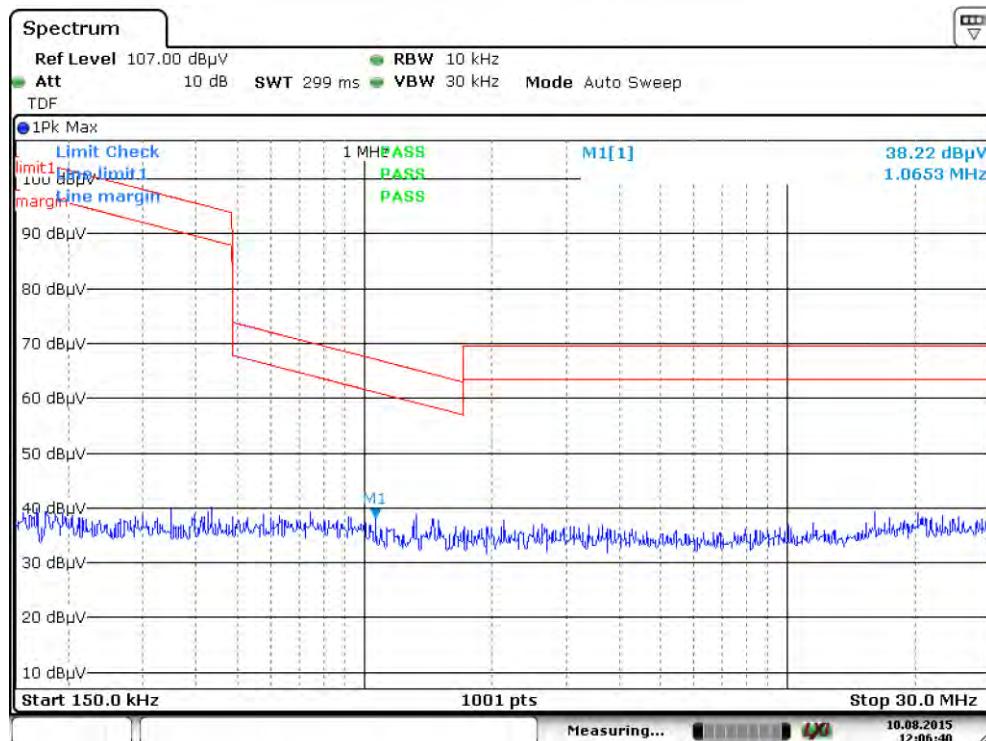
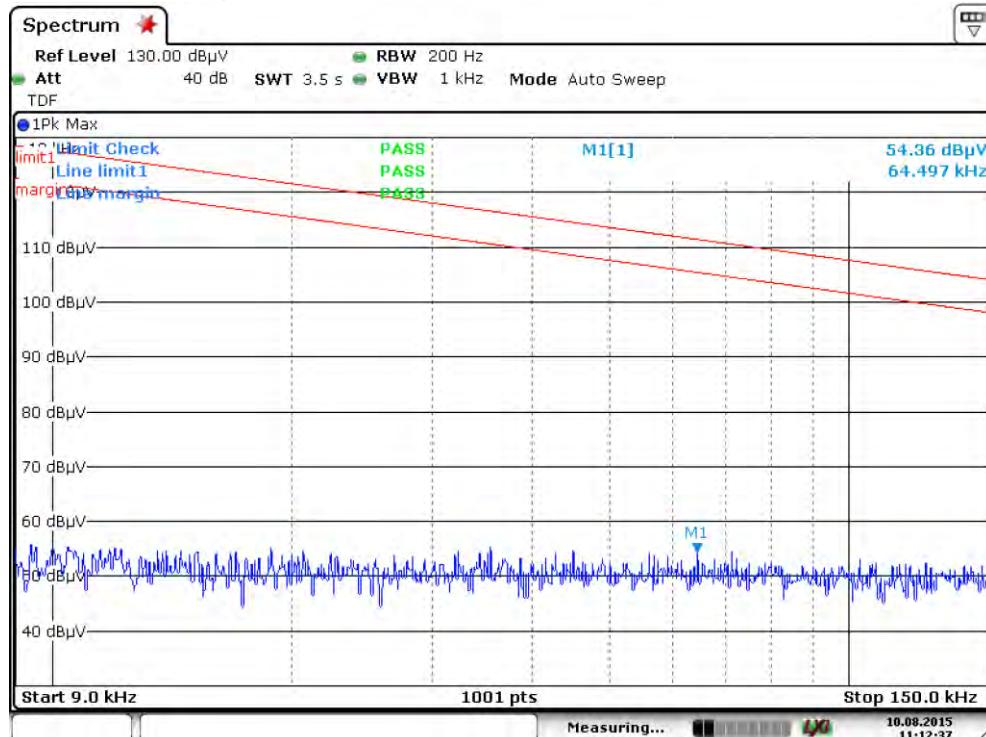
**Test Plot of 802.11b, Low Channel - Y**



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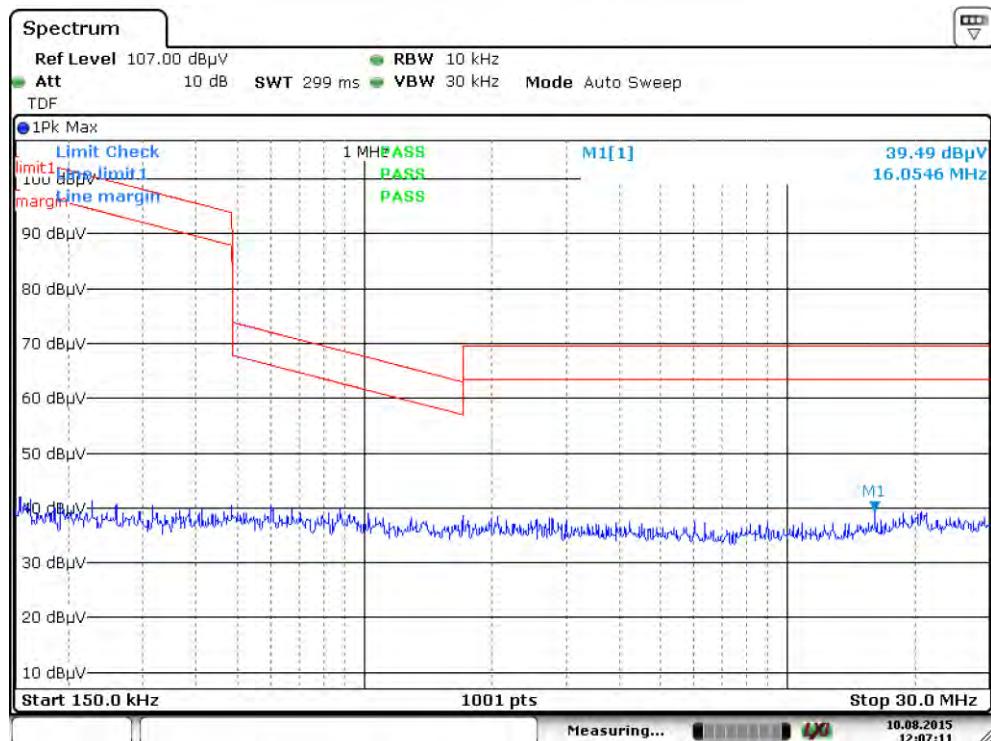
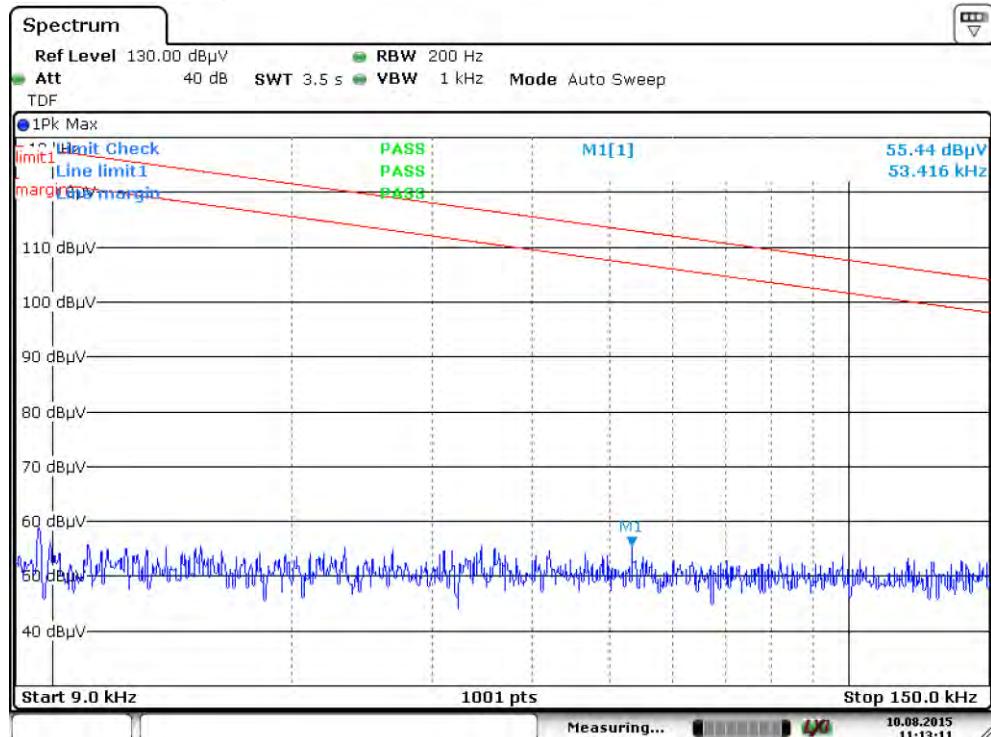
**Test Plot of 802.11b, Low Channel - Z**



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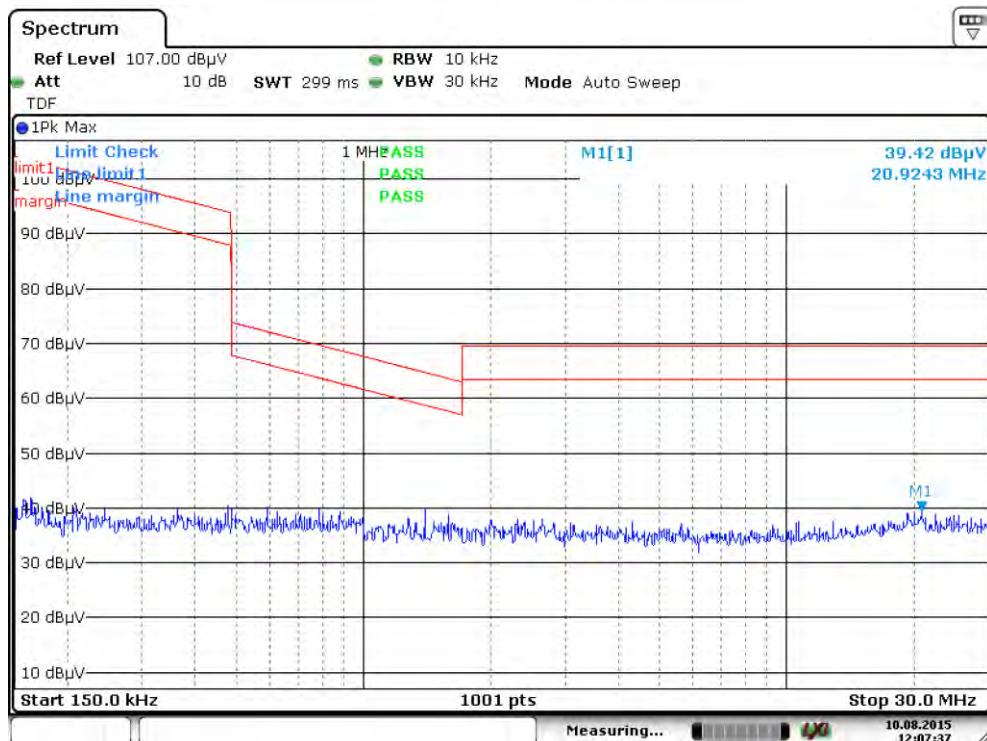
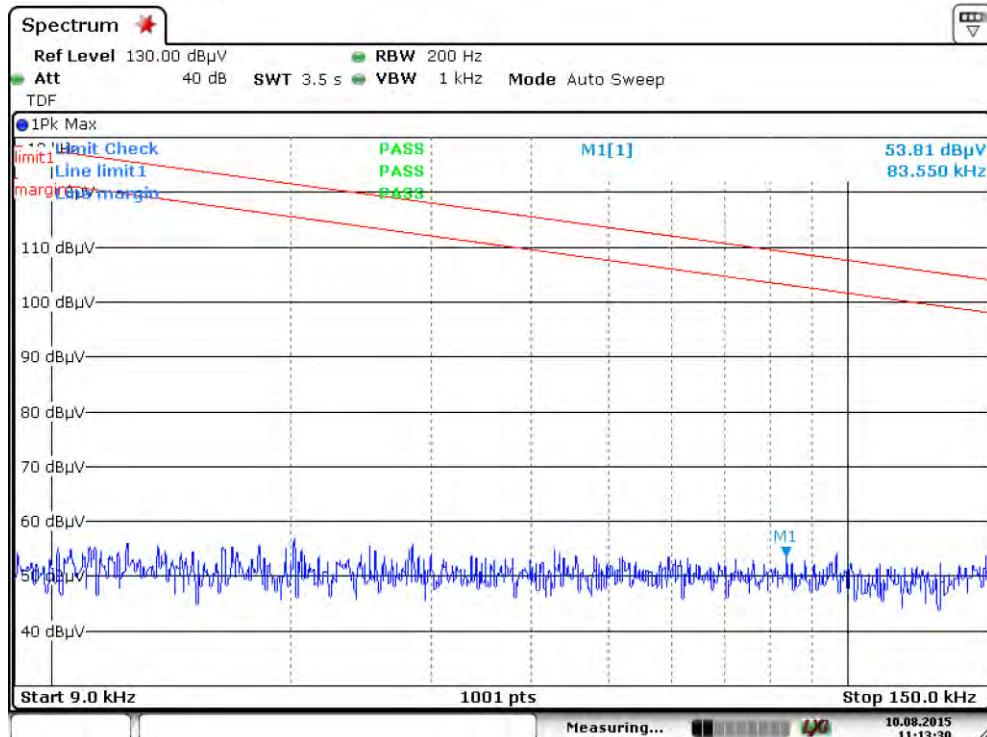
**Test Plot of 802.11b, Middle Channel - X**



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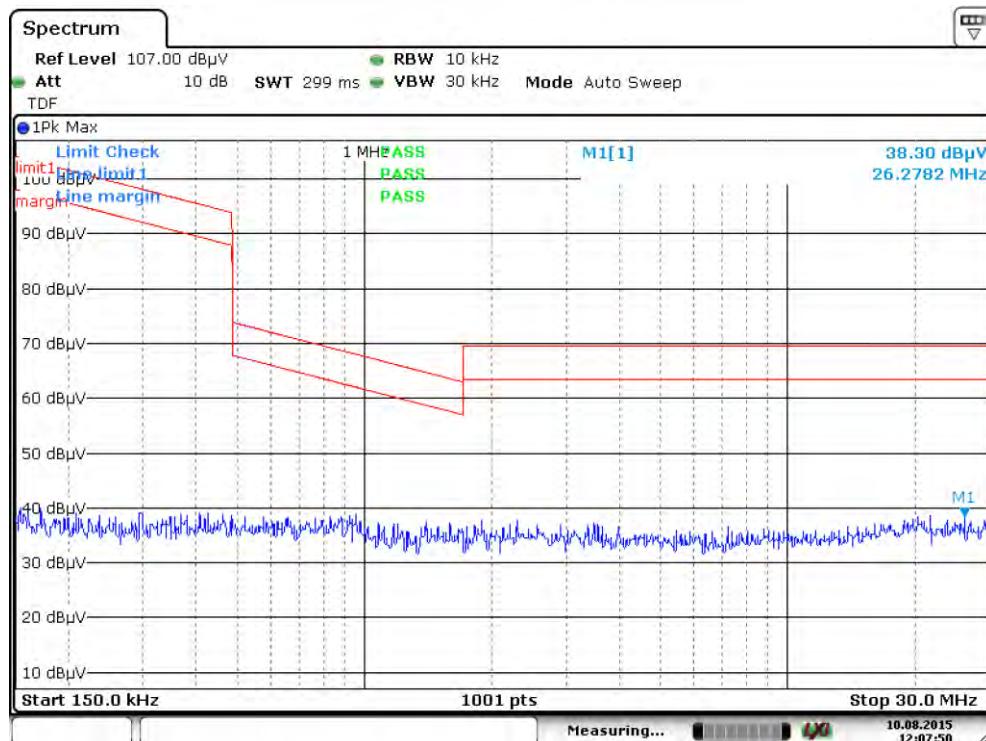
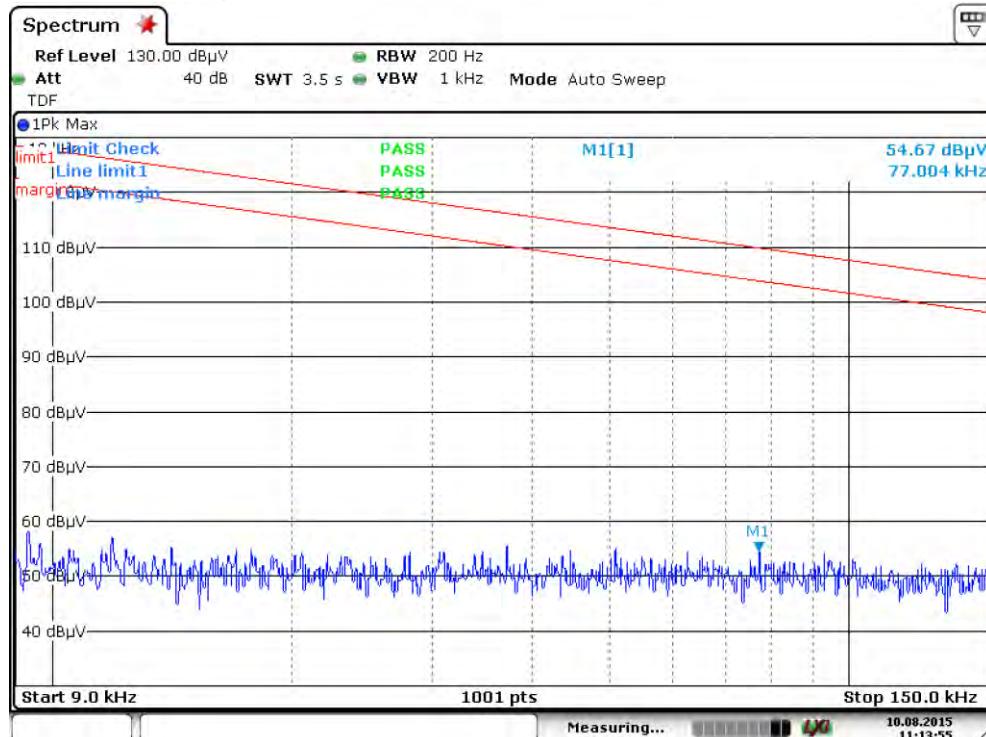
**Test Plot of 802.11b, Middle Channel - Y**



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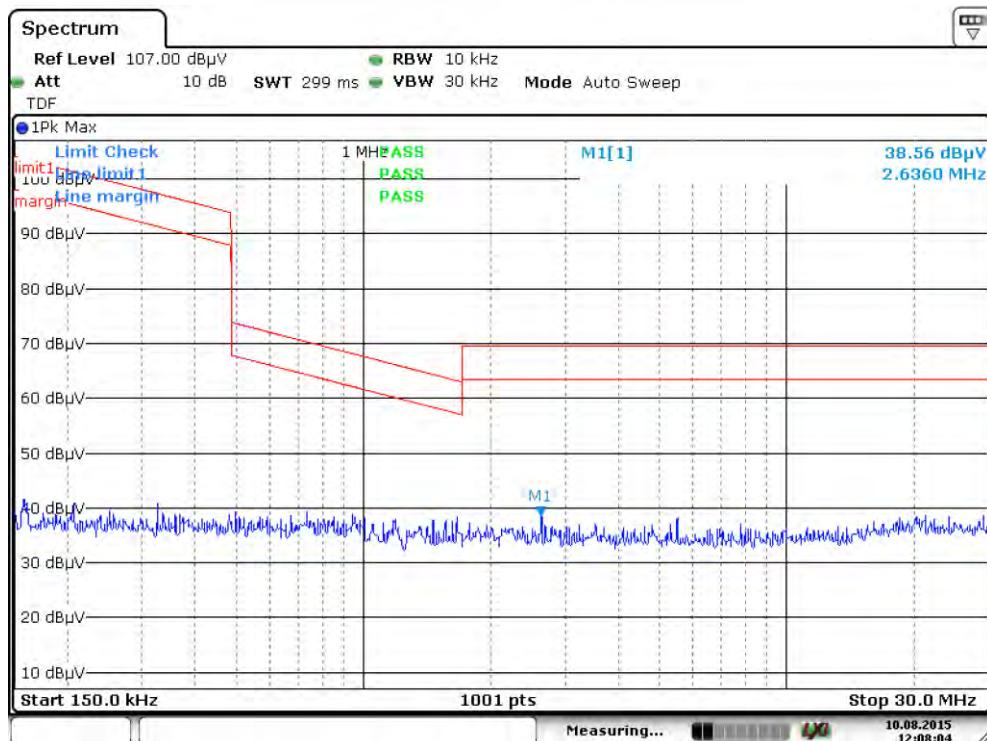
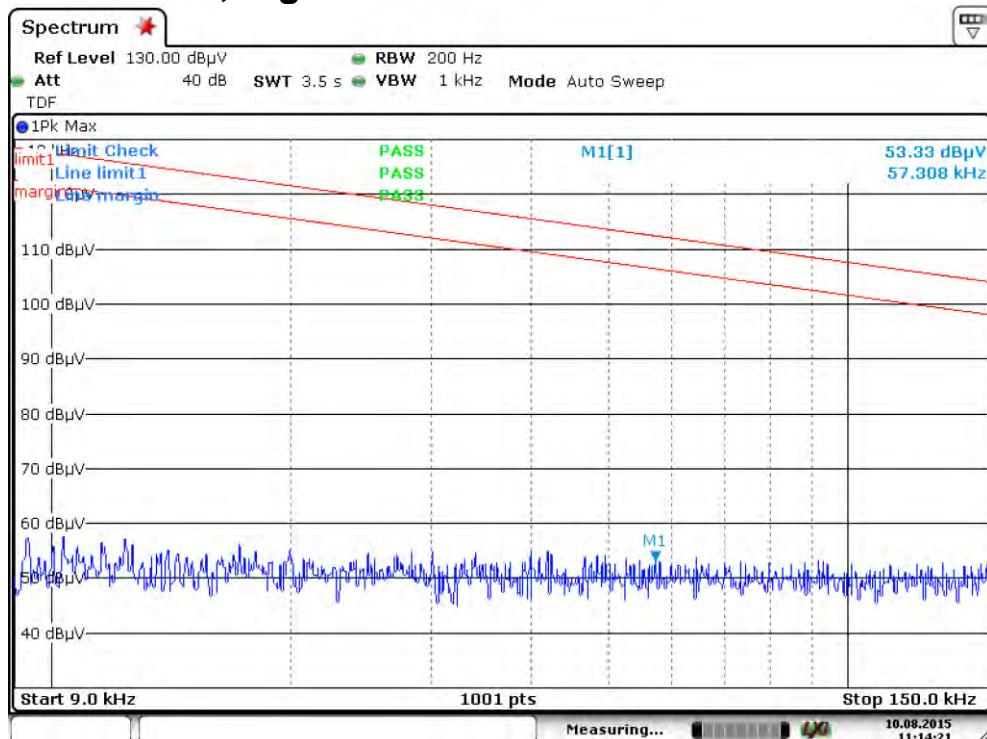
**Test Plot of 802.11b, Middle Channel - Z**



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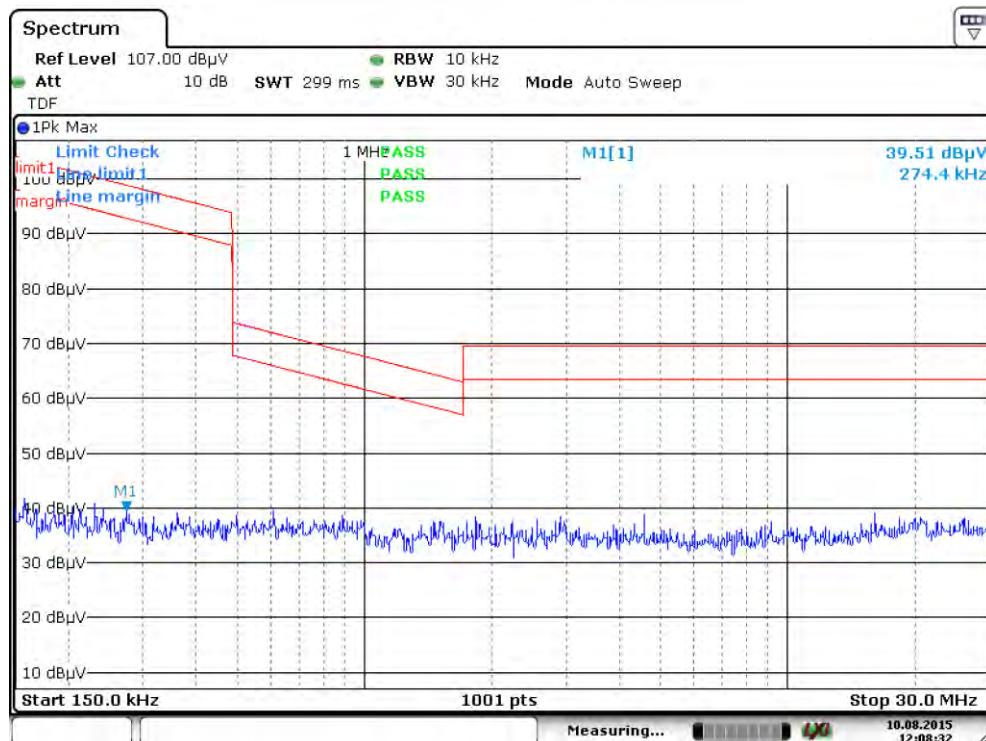
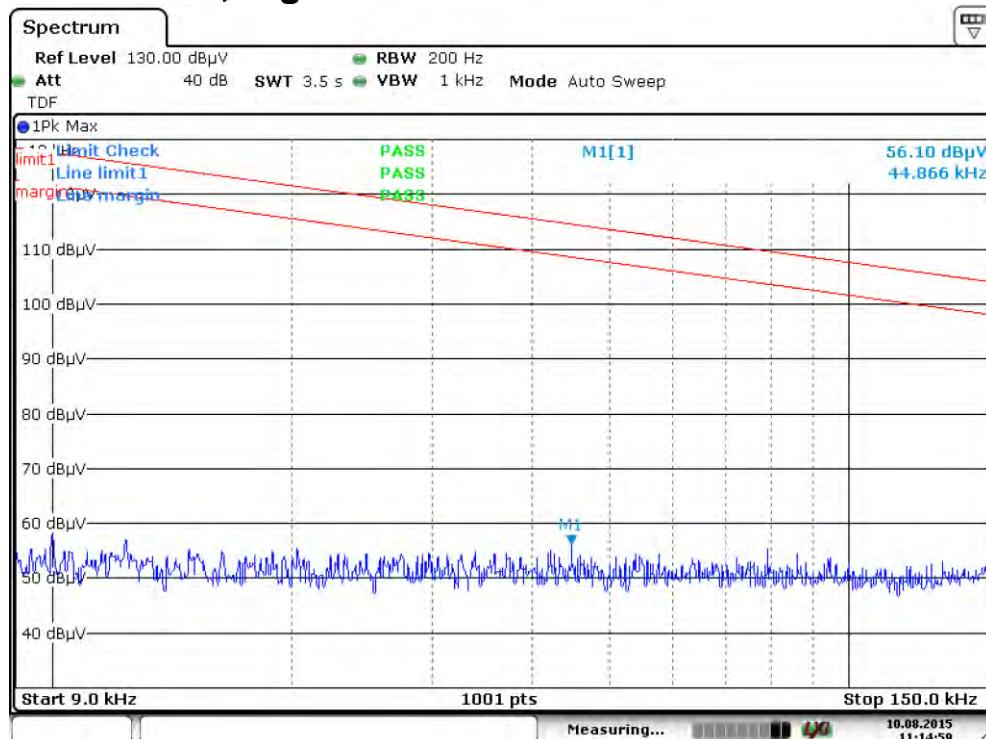
**Test Plot of 802.11b, High Channel - X**



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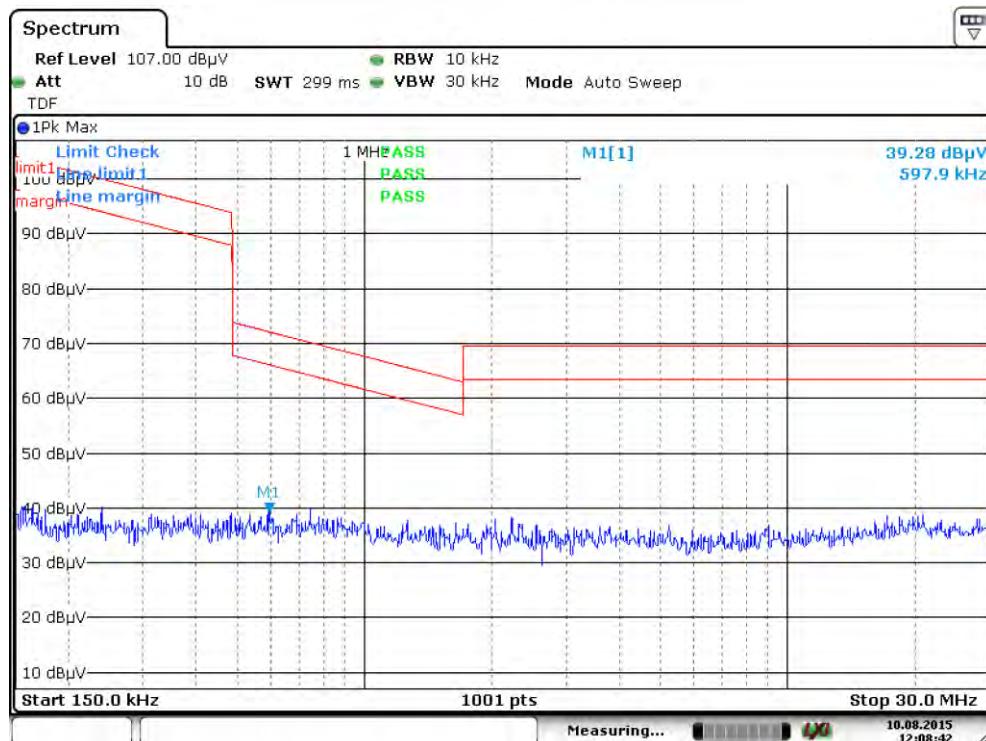
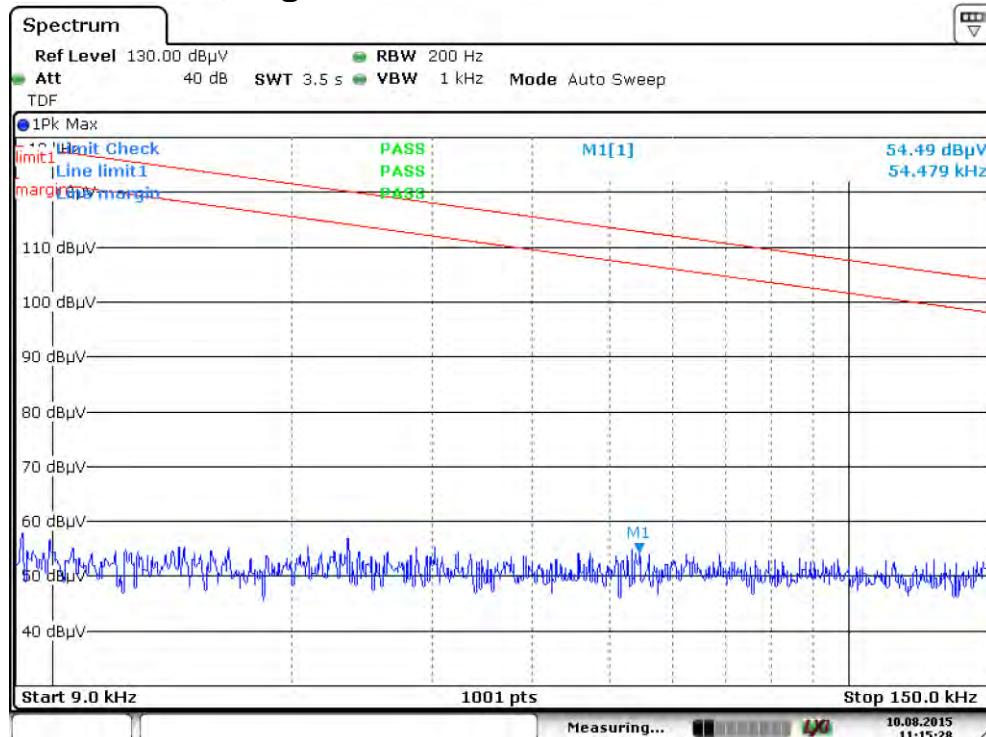
**Test Plot of 802.11b, High Channel - Y**



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**Test Plot of 802.11b, High Channel - Z**



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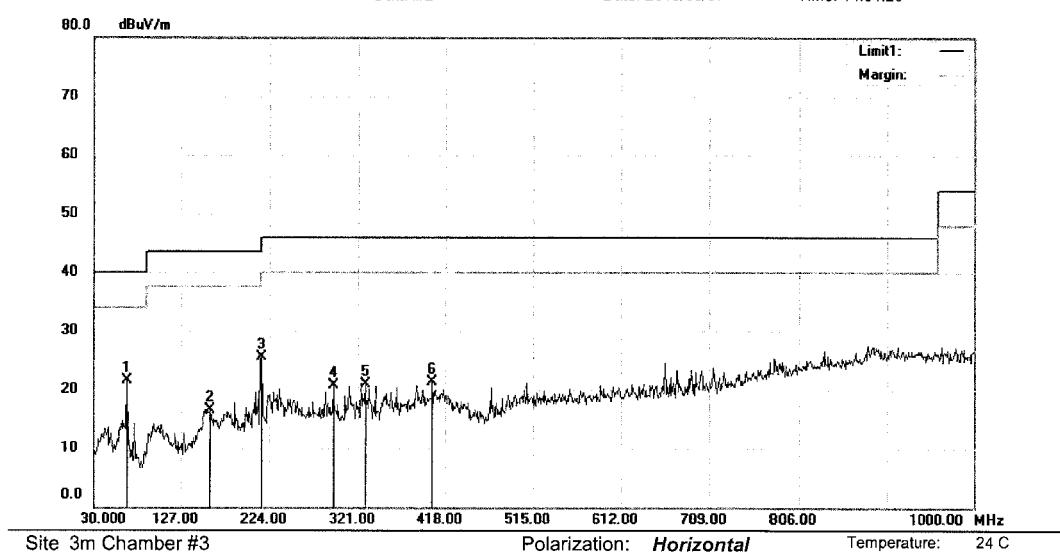
## Radiated Emission Measurement

File :TUV 8

Data #2

Date: 2015/08/07

Time: 14:01:29



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: MID721-L DL718M

Mode:11B 2412

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 | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|-----------------|---------|
| 1   |     | 66.8600      | 39.08                    | -17.58                  | 21.50                      | 40.00           | -18.50     | QP                      |                 |         |
| 2   |     | 159.0100     | 35.25                    | -18.66                  | 16.59                      | 43.50           | -26.91     | QP                      |                 |         |
| 3 * |     | 215.2700     | 41.83                    | -16.38                  | 25.45                      | 43.50           | -18.05     | QP                      |                 |         |
| 4   |     | 293.8400     | 34.15                    | -13.45                  | 20.70                      | 46.00           | -25.30     | QP                      |                 |         |
| 5   |     | 328.7600     | 33.86                    | -13.04                  | 20.82                      | 46.00           | -25.18     | QP                      |                 |         |
| 6   |     | 403.4500     | 30.36                    | -8.96                   | 21.40                      | 46.00           | -24.60     | QP                      |                 |         |

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

Operator: XLX

File :TUV 8\Data #2

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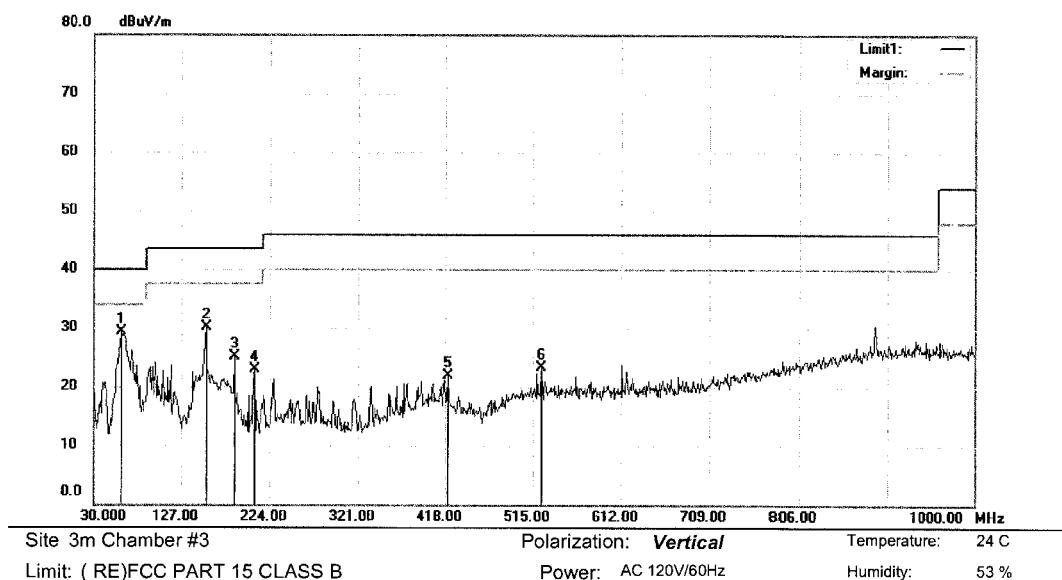

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #1

Date: 2015/08/07

Time: 13:58:51



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: MID721-L DL718M

Mode: 11B 2412

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level | Correct<br>Factor | Measure-<br>ment | Limit  | Over   | Antenna<br>Height<br>cm | Table<br>Degree | Comment |
|-----|-----|--------------|------------------|-------------------|------------------|--------|--------|-------------------------|-----------------|---------|
|     |     |              | dBuV             | dB                | dBuV/m           | dBuV/m | dB     | Detector                | degree          |         |
| 1   | *   | 60.0700      | 44.89            | -15.53            | 29.36            | 40.00  | -10.64 | QP                      |                 |         |
| 2   |     | 154.1600     | 48.40            | -18.36            | 30.04            | 43.50  | -13.46 | QP                      |                 |         |
| 3   |     | 185.2000     | 43.25            | -18.09            | 25.16            | 43.50  | -18.34 | QP                      |                 |         |
| 4   |     | 207.5100     | 39.31            | -16.38            | 22.93            | 43.50  | -20.57 | QP                      |                 |         |
| 5   |     | 420.9100     | 31.42            | -9.51             | 21.91            | 46.00  | -24.09 | QP                      |                 |         |
| 6   |     | 524.7000     | 30.93            | -7.61             | 23.32            | 46.00  | -22.68 | QP                      |                 |         |

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

Operator: XLX

File : TUV 8\Data .#1

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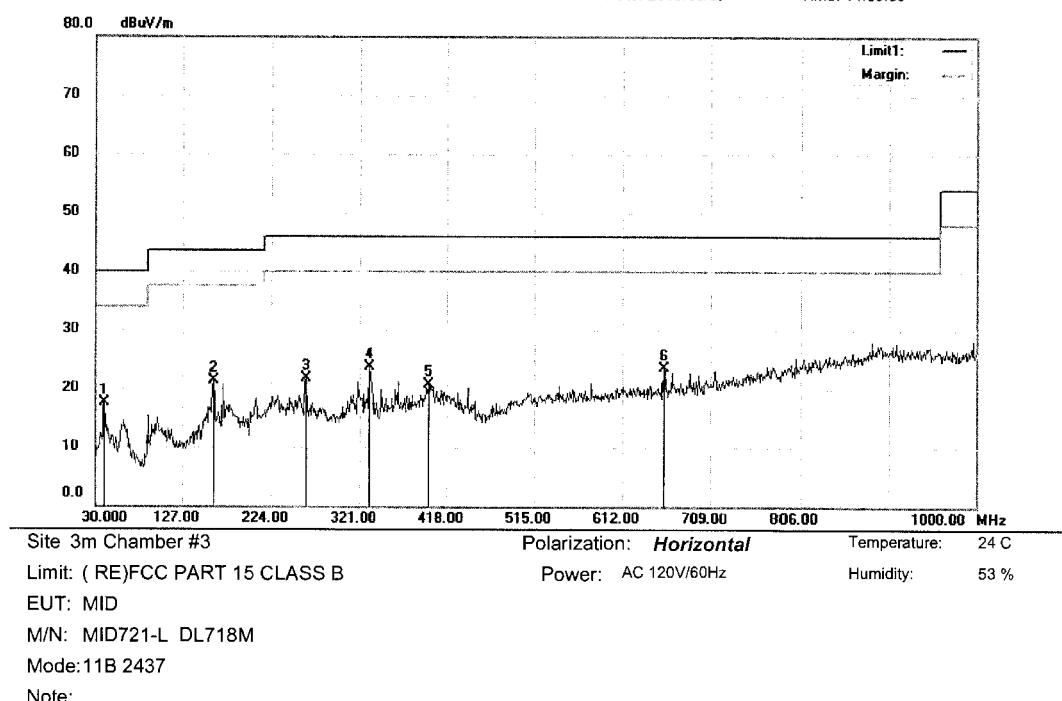

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #: 4

Date: 2015/08/07

Time: 14:05:39



| 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 | Detector | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|-------------------------|---------------------------|---------|
| 1   |     | 39.7000      | 30.46                    | -12.95                  | 17.51                      | 40.00           | -22.49     | QP       |                         |                           |         |
| 2   | *   | 160.9500     | 40.08                    | -18.79                  | 21.29                      | 43.50           | -22.21     | QP       |                         |                           |         |
| 3   |     | 261.8300     | 34.46                    | -12.77                  | 21.69                      | 46.00           | -24.31     | QP       |                         |                           |         |
| 4   |     | 331.6700     | 36.62                    | -12.90                  | 23.72                      | 46.00           | -22.28     | QP       |                         |                           |         |
| 5   |     | 397.6300     | 29.63                    | -9.00                   | 20.63                      | 46.00           | -25.37     | QP       |                         |                           |         |
| 6   |     | 657.5900     | 29.84                    | -6.40                   | 23.44                      | 46.00           | -22.56     | QP       |                         |                           |         |

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

Operator: XLX

File : TUV 8\Data #: 4

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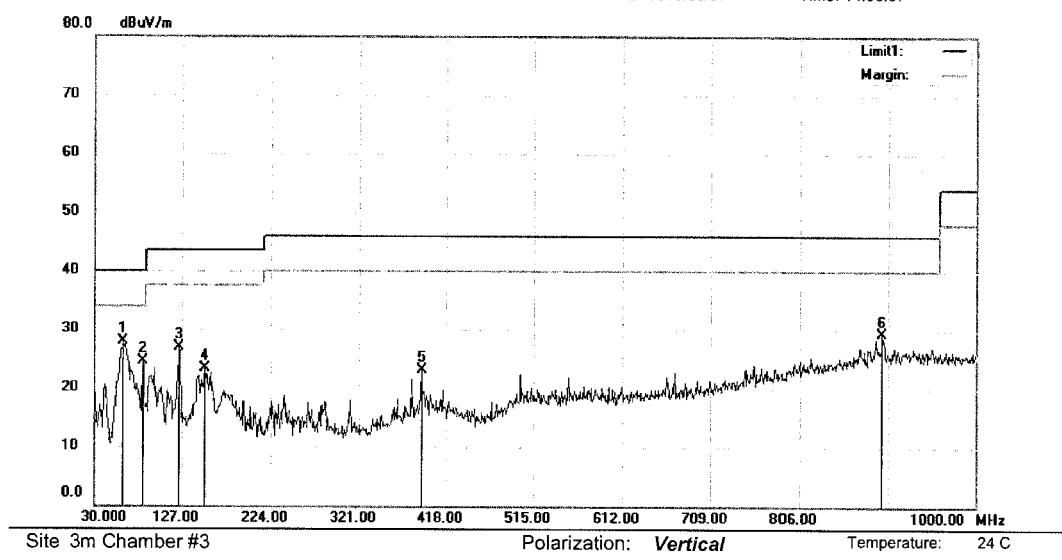
## Radiated Emission Measurement

File : TUV 8

Data #3

Date: 2015/08/07

Time: 14:03:37



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: MID721-L DL718M

Mode: 11B 2437

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 |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|--------|-----------------|
|     |     |              |                          |                         |                            |                 |            | Detector                | degree |                 |
| 1   | *   | 62.0100      | 44.08                    | -16.12                  | 27.96                      | 40.00           | -12.04     | QP                      |        |                 |
| 2   |     | 83.3500      | 43.30                    | -18.80                  | 24.50                      | 40.00           | -15.50     | QP                      |        |                 |
| 3   |     | 124.0900     | 43.68                    | -16.72                  | 26.96                      | 43.50           | -16.54     | QP                      |        |                 |
| 4   |     | 152.2200     | 41.49                    | -18.24                  | 23.25                      | 43.50           | -20.25     | QP                      |        |                 |
| 5   |     | 390.8400     | 32.45                    | -9.38                   | 23.07                      | 46.00           | -22.93     | QP                      |        |                 |
| 6   |     | 896.2100     | 30.02                    | -0.71                   | 29.31                      | 46.00           | -16.69     | QP                      |        |                 |

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

Operator: XLX

File : TUV 8\Data .#3

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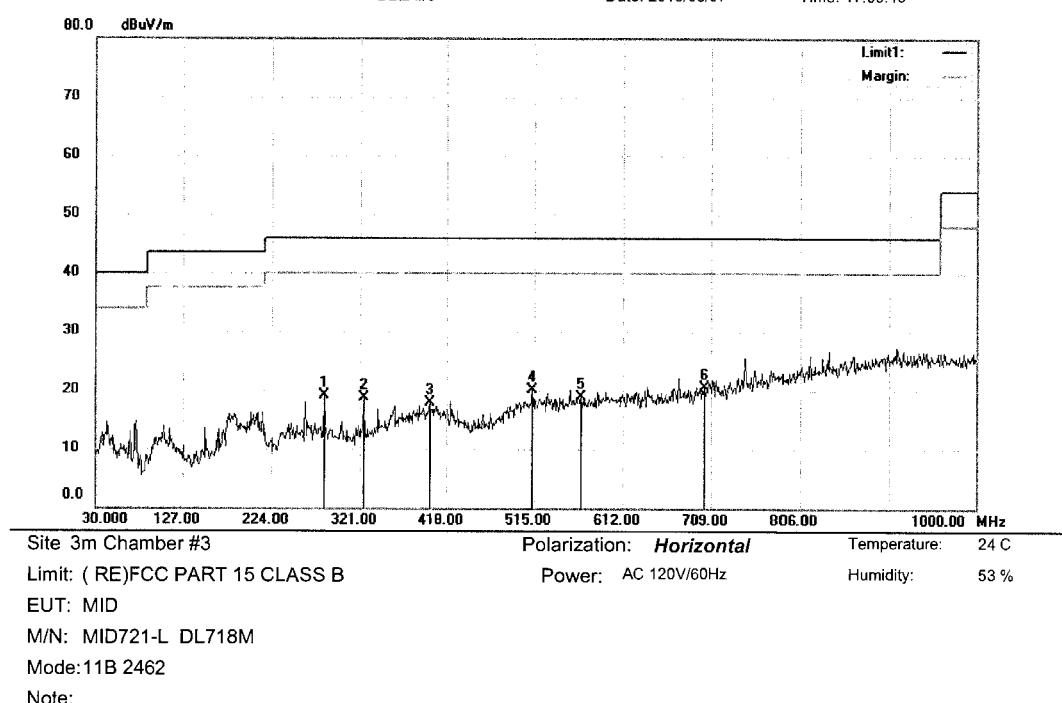
## Radiated Emission Measurement

File : TUV 8

Data #: 6

Date: 2015/08/07

Time: 17:09:46



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dB | Over<br>dB | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-------------|------------|-------------------------|---------------------------|---------|
| 1   |     | 281.2300     | 31.84                    | -12.65                  | 19.19                      | 46.00       | -26.81     | QP                      |                           |         |
| 2   |     | 324.8800     | 31.93                    | -13.25                  | 18.68                      | 46.00       | -27.32     | QP                      |                           |         |
| 3   |     | 398.6000     | 26.81                    | -8.95                   | 17.86                      | 46.00       | -28.14     | QP                      |                           |         |
| 4   |     | 513.0600     | 27.87                    | -7.70                   | 20.17                      | 46.00       | -25.83     | QP                      |                           |         |
| 5   |     | 566.4100     | 26.15                    | -7.26                   | 18.89                      | 46.00       | -27.11     | QP                      |                           |         |
| 6 * |     | 702.2100     | 26.45                    | -5.91                   | 20.54                      | 46.00       | -25.46     | QP                      |                           |         |

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

Operator: XLX

File : TUV 8\ Data #: 6

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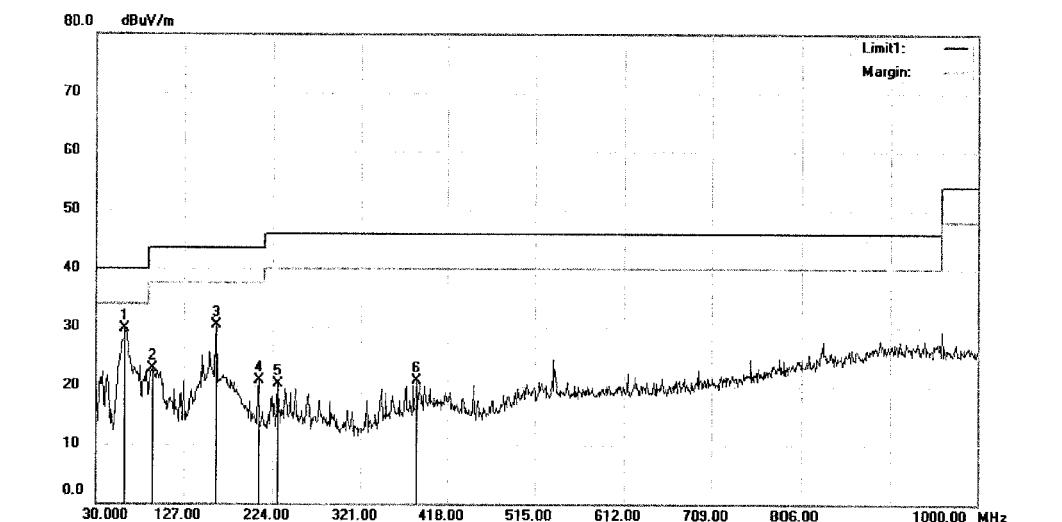

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data : #5

Date: 2015/08/07

Time: 14:10:30



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: MID721-L DL718M

Mode: 11B 2462

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector       | cm           | degree  |
| 1   | *   | 62.0100  | 45.75         | -16.12         | 29.63        | 40.00  | -10.37 | QP             |              |         |
| 2   |     | 92.0800  | 39.08         | -16.15         | 22.93        | 43.50  | -20.57 | QP             |              |         |
| 3   |     | 162.8900 | 49.29         | -18.92         | 30.37        | 43.50  | -13.13 | QP             |              |         |
| 4   |     | 208.4800 | 37.21         | -16.38         | 20.83        | 43.50  | -22.67 | QP             |              |         |
| 5   |     | 229.8200 | 35.42         | -15.12         | 20.30        | 46.00  | -25.70 | QP             |              |         |
| 6   |     | 384.0500 | 30.59         | -9.77          | 20.82        | 46.00  | -25.18 | QP             |              |         |

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

Operator: XLX

File : TUV 8\Data :#5

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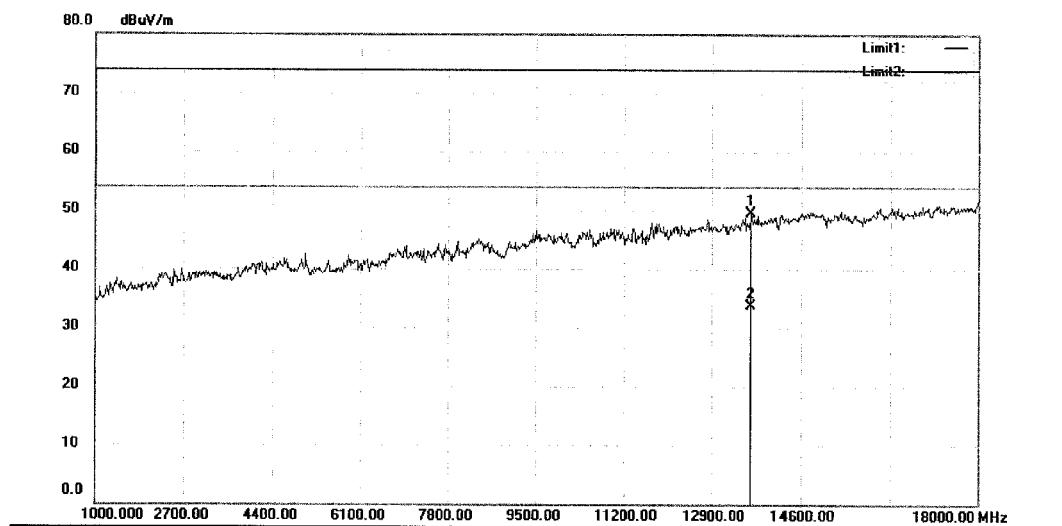

**Radiated Emission Measurement**

File : TUV 8

Data #: 62

Date: 15/08/08/

Time: 9:42:59



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: MID721-L DL718M

Mode: 11B 2412

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 | Comment |
| 1   |     | 13665.00 | 45.96         | 3.57           | 49.53        | 74.00  | -24.47 | peak           |              |        |         |
| 2   | *   | 13665.00 | 30.12         | 3.57           | 33.69        | 54.00  | -20.31 | AVG            |              |        |         |

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

Operator: XLX

File : TUV 8\ Data #: 62

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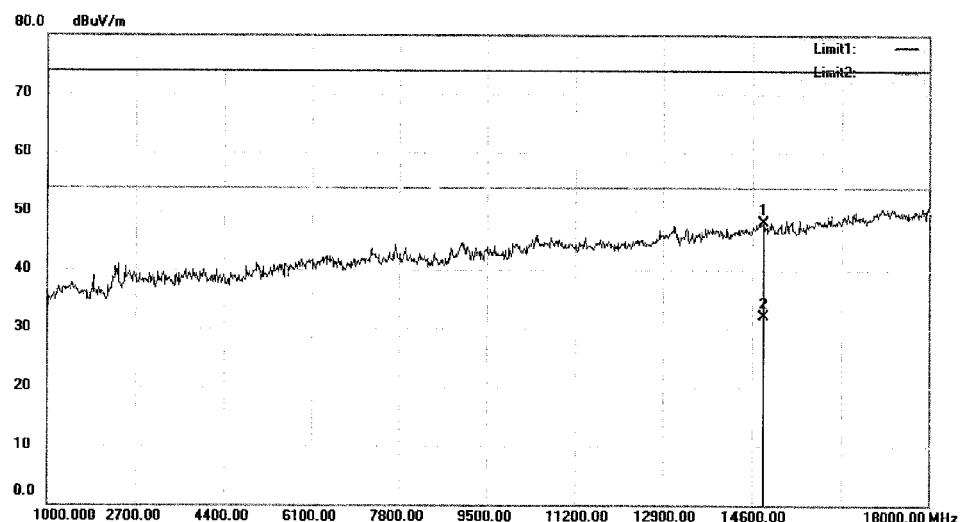

**Radiated Emission Measurement**

File : TUV 8

Data #: 61

Date: 15/08/08/

Time: 9:41:47



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: MID721-L DL718M

Mode: 11B 2412

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit | Over     | Antenna Height | Table Degree |         |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dB    | Detector | cm             | degree       | Comment |
| 1   |     | 14821.00 | 44.09         | 3.99           | 48.08        | 74.00 | -25.92   | peak           |              |         |
| 2   | *   | 14821.00 | 28.19         | 3.99           | 32.18        | 54.00 | -21.82   | AVG            |              |         |

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

Operator: XLX

File : TUV 8\ Data #: 61

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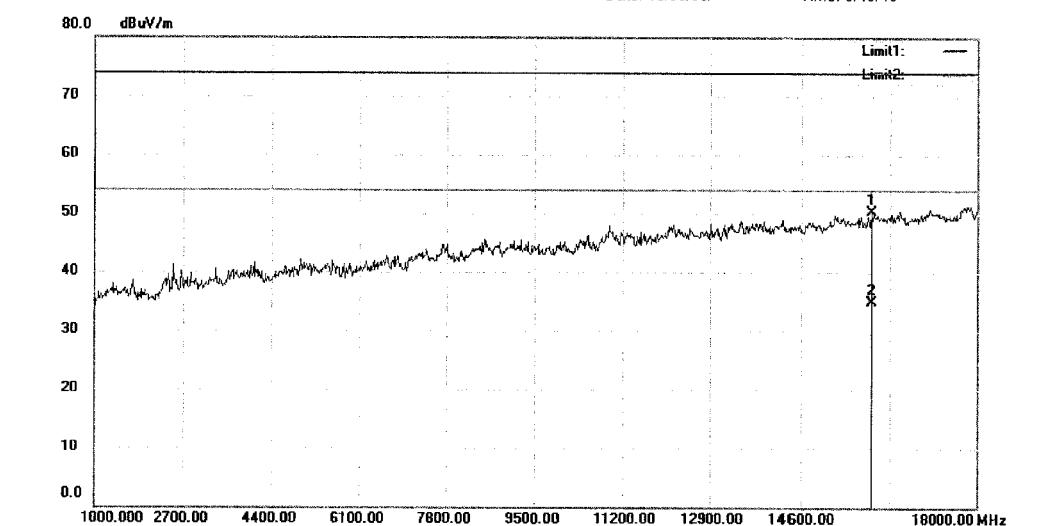
**Radiated Emission Measurement**

File : TUV 8

Data #: 64

Date: 15/08/08/

Time: 9:49:49



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: MID721-L DL718M

Mode: 11B 2437

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   |     | 15943.00 | 49.90         | 0.35           | 50.25        | 74.00  | -23.75 | peak           |              |
| 2 * |     | 15943.00 | 34.47         | 0.35           | 34.82        | 54.00  | -19.18 | AVG            |              |

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

Operator: XLX

File : TUV 8\ Data #: 64

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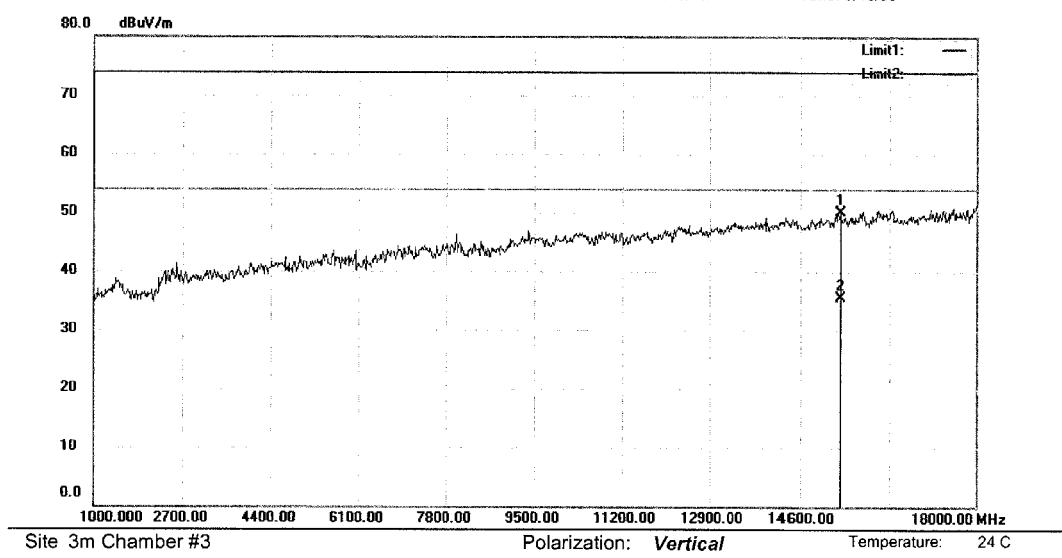

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #63

Date: 15/08/08/

Time: 9:48/36



Site 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

MN: MID721-L DL718M

Mode: 11B 2437

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 | Comment |
| 1   |     | 15348.00 | 47.56         | 2.51           | 50.07        | 74.00  | -23.93 | peak           |              |        |         |
| 2 * |     | 15348.00 | 32.90         | 2.51           | 35.41        | 54.00  | -18.59 | AVG            |              |        |         |

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

Operator: XLX

File : TUV 8\Data #:63

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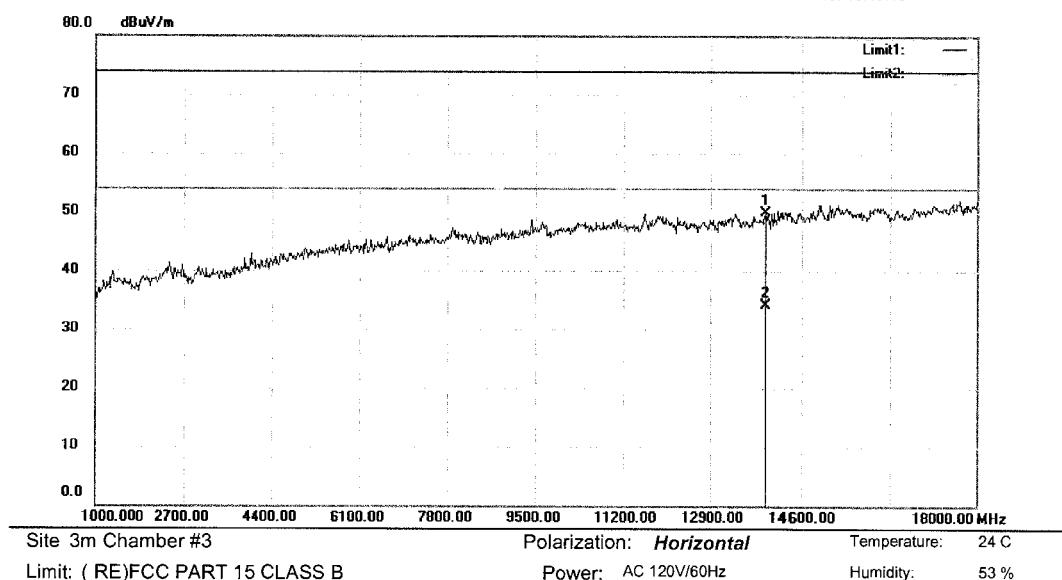

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #: 65

Date: 15/08/08/

Time: 16:17:16



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: MID721-L DL718M

Mode: 11B 2462

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 | Comment |
| 1   |     | 13971.00 | 47.54         | 2.34           | 49.88        | 74.00  | -24.12 | peak           |              |        |         |
| 2 * |     | 13971.00 | 31.84         | 2.34           | 34.18        | 54.00  | -19.82 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\Data :#65

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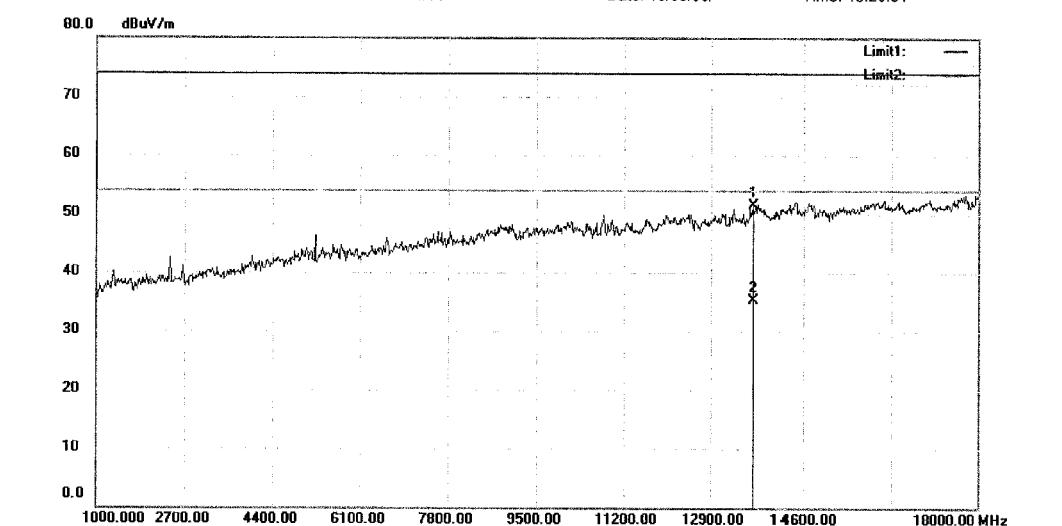

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #: 66

Date: 15/08/08/

Time: 16:20:51



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: MID721-L DL718M

Mode: 11B 2462

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 | Comment |
| 1   |     | 13716.00 | 50.29         | 1.27           | 51.56        | 74.00  | -22.44 | peak           |              |        |         |
| 2   | *   | 13716.00 | 34.12         | 1.27           | 35.39        | 54.00  | -18.61 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\Data .#66

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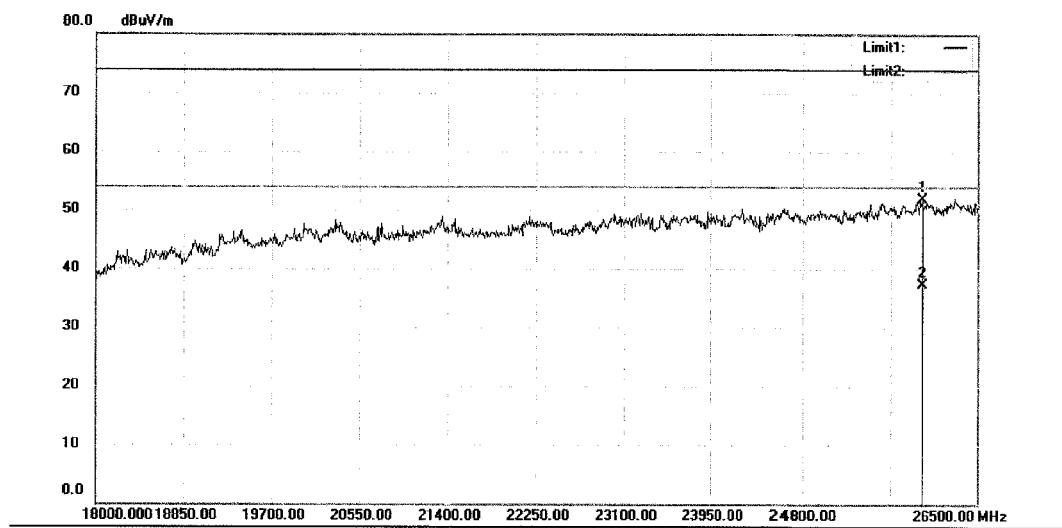

**Radiated Emission Measurement**

File : TUV 8

Data #: 121

Date: 15/08/09/

Time: 10/05/12



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: MID721-L DL718M

Mode: 11B 2412

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 | Comment |
| 1   |     | 25956.00 | 87.66         | -35.84         | 51.82        | 74.00  | -22.18 | peak           |              |        |         |
| 2   | *   | 25956.00 | 73.09         | -35.84         | 37.25        | 54.00  | -16.75 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\ Data #: 121

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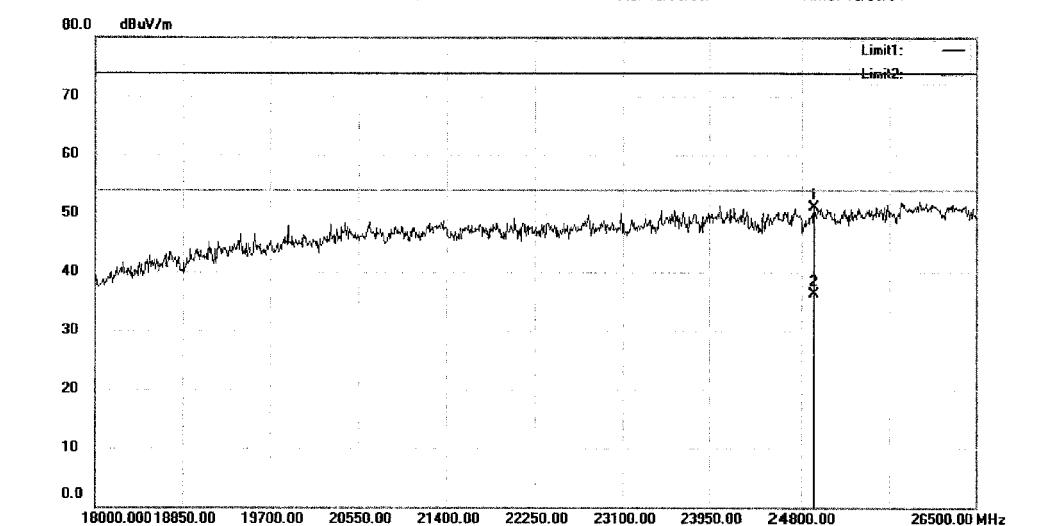

**Radiated Emission Measurement**

File : TUV 8

Data #: 122

Date: 15/08/09/

Time: 10:06:04



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: MID721-L DL718M

Mode: 11B 2412

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 | Comment |
| 1   |     | 24919.00 | 88.10         | -37.02         | 51.08        | 74.00  | -22.92 | peak           |              |        |         |
| 2   | *   | 24919.00 | 73.30         | -37.02         | 36.28        | 54.00  | -17.72 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\ Data #: 122

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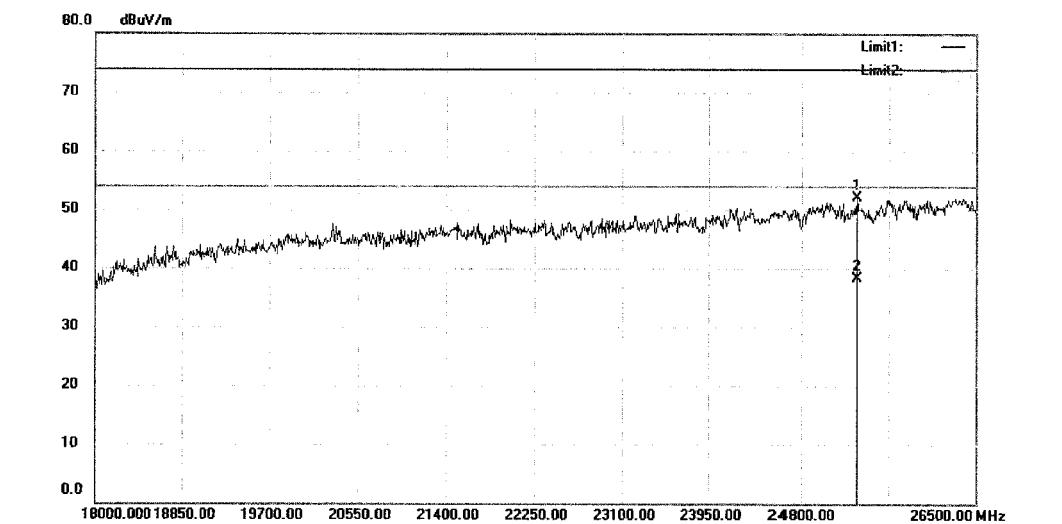
**Radiated Emission Measurement**

File : TUV 8

Data #: 123

Date: 15/08/09/

Time: 10:06/07



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: MID721-L DL718M

Mode: 11B 2437

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 | Comment |
| 1   |     | 25335.50 | 88.70         | -36.60         | 52.10        | 74.00  | -21.90 | peak           |              |        |         |
| 2   | *   | 25335.50 | 74.86         | -36.60         | 38.26        | 54.00  | -15.74 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\Data #: 123

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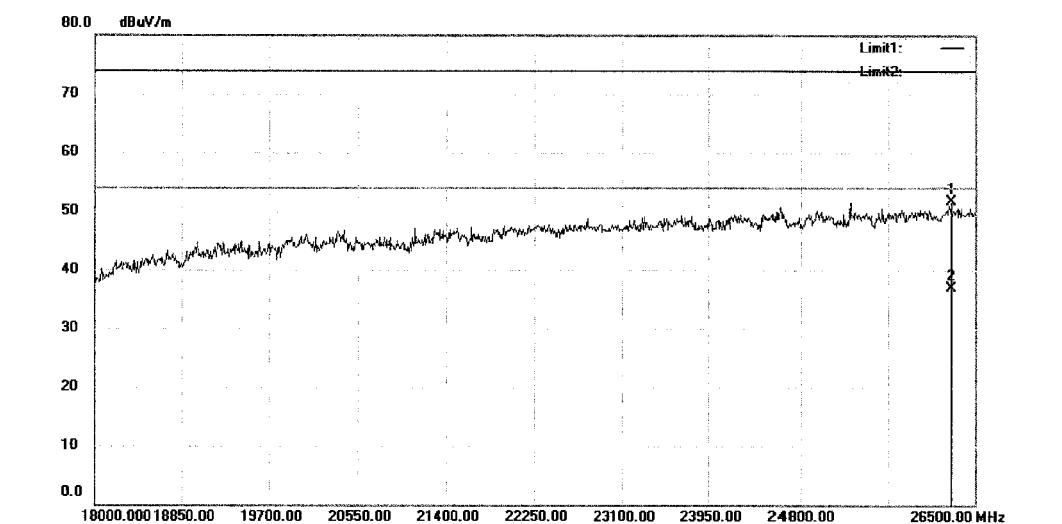
**Radiated Emission Measurement**

File :TUV 8

Data #:124

Date: 15/08/09/

Time: 10:06/15



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: MID721-L DL718M

Mode:11B 2437

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 | Comment |
| 1   |     | 26262.00 | 87.10         | -35.47         | 51.63        | 74.00  | -22.37 | peak           |              |        |         |
| 2   | *   | 26262.00 | 72.28         | -35.47         | 36.81        | 54.00  | -17.19 | AVG            |              |        |         |

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

Operator: KK

File :TUV 8\Data #:124

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**Produkte**  
Products

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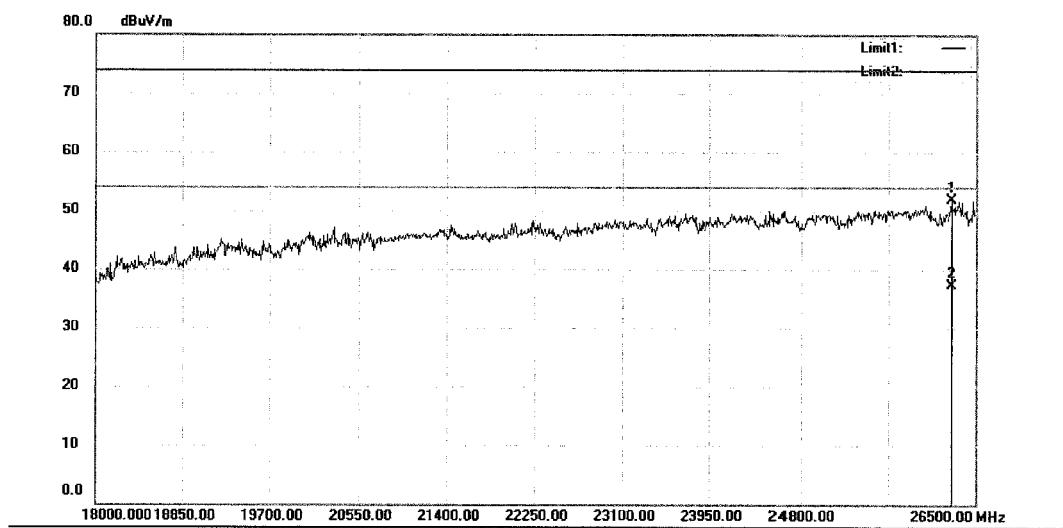
**Radiated Emission Measurement**

File : TUV 8

Data #: 125

Date: 15/08/09/

Time: 10:06:21



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: MID721-L DL718M

Mode: 11B 2462

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 | Comment |
| 1   |     | 26262.00 | 87.34         | -35.47         | 51.87        | 74.00  | -22.13 | peak           |              |        |         |
| 2   | *   | 26262.00 | 72.71         | -35.47         | 37.24        | 54.00  | -16.76 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\ Data #: 125

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Access to the World

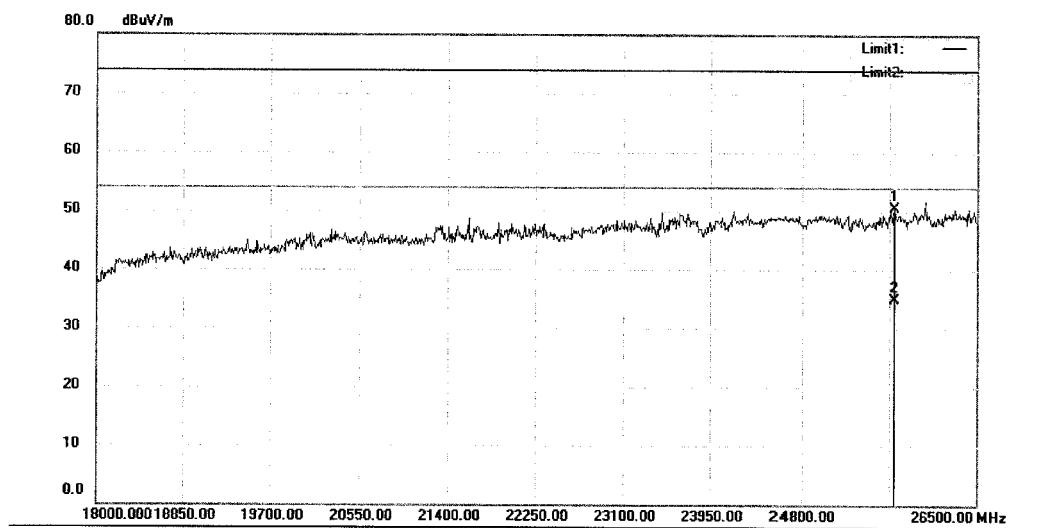
**Radiated Emission Measurement**

File : TUV 8

Data : #126

Date: 15/08/09/

Time: 10/06/27



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: MID721-L DL718M

Mode: 11B 2462

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit | Over     | Antenna Height | Table Degree |         |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dB    | Detector | cm             | degree       | Comment |
| 1   |     | 25701.00 | 86.75         | -36.15         | 50.60        | 74.00 | -23.40   | peak           |              |         |
| 2   | *   | 25701.00 | 71.02         | -36.15         | 34.87        | 54.00 | -19.13   | AVG            |              |         |

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

Operator: KK

File : TUV 8\Data : #126

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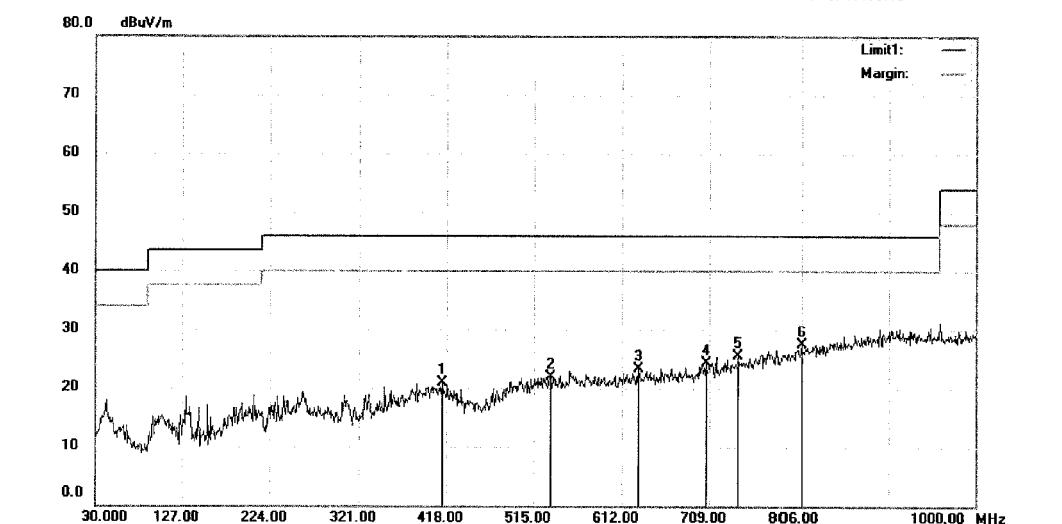
## Radiated Emission Measurement

File : TUV 8

Data #: 8

Date: 2015/08/07

Time: 17:15:19



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: MID721-L DL718M

Mode: 11G 2412

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector       | cm           | degree  |
| 1   |     | 413.1500 | 30.15         | -9.24          | 20.91        | 46.00  | -25.09 | QP             |              |         |
| 2   |     | 533.4300 | 29.47         | -7.53          | 21.94        | 46.00  | -24.06 | QP             |              |         |
| 3   |     | 630.4300 | 30.07         | -6.69          | 23.38        | 46.00  | -22.62 | QP             |              |         |
| 4   |     | 705.1200 | 30.11         | -5.83          | 24.28        | 46.00  | -21.72 | QP             |              |         |
| 5   |     | 741.0100 | 30.23         | -4.70          | 25.53        | 46.00  | -20.47 | QP             |              |         |
| 6 * |     | 806.0000 | 30.26         | -2.73          | 27.53        | 46.00  | -18.47 | QP             |              |         |

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

Operator: XLX

File : TUV 8\Data #: 8

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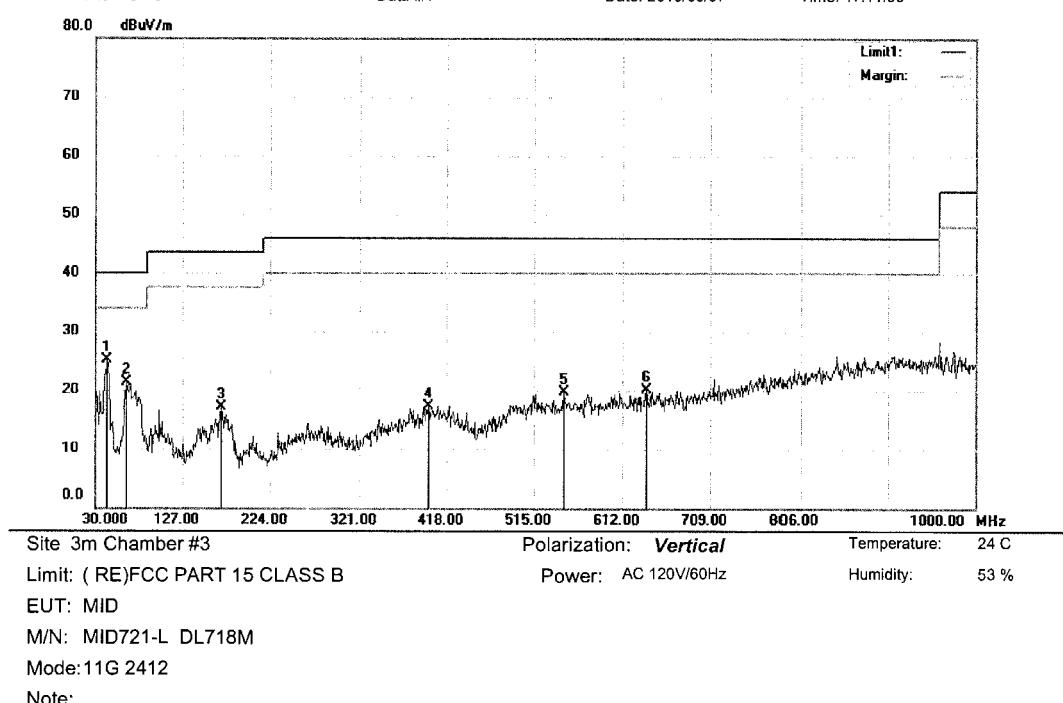
**Radiated Emission Measurement**

File : TUV 8

Data #7

Date: 2015/08/07

Time: 17:11:33



| 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   | *   | 42.6100      | 38.14                    | -13.02                  | 25.12                      | 40.00           | -14.88     | QP                      |                           |         |
| 2   |     | 63.9500      | 37.91                    | -16.70                  | 21.21                      | 40.00           | -18.79     | QP                      |                           |         |
| 3   |     | 169.6800     | 36.60                    | -19.42                  | 17.18                      | 43.50           | -26.32     | QP                      |                           |         |
| 4   |     | 397.6300     | 26.29                    | -9.00                   | 17.29                      | 46.00           | -28.71     | QP                      |                           |         |
| 5   |     | 547.9800     | 27.13                    | -7.42                   | 19.71                      | 46.00           | -26.29     | QP                      |                           |         |
| 6   |     | 638.1900     | 26.72                    | -6.61                   | 20.11                      | 46.00           | -25.89     | QP                      |                           |         |

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

Operator: XLX

File : TUV 8|Data :#7

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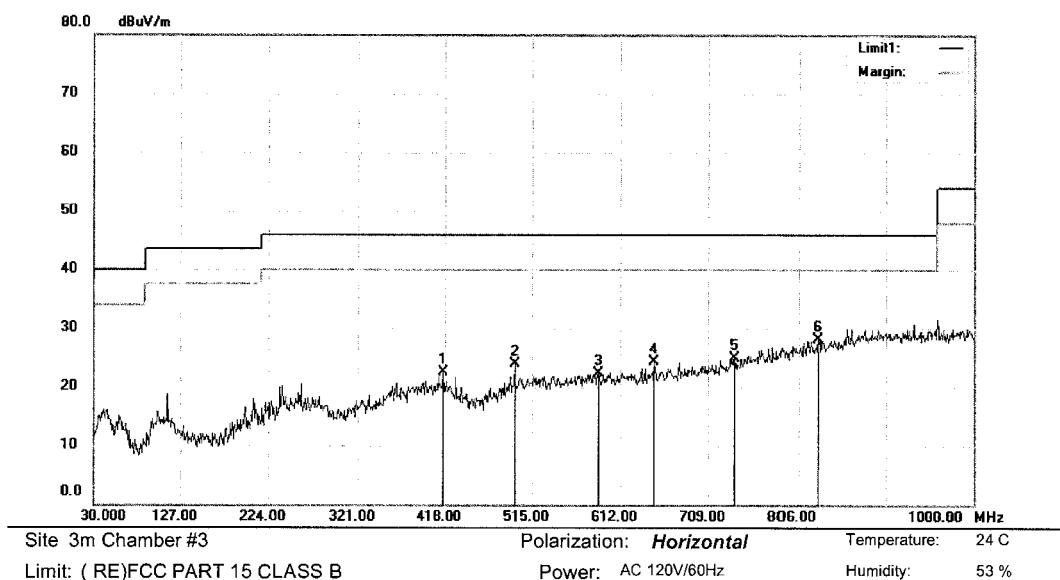
**Radiated Emission Measurement**

File : TUV 8

Data #: 10

Date: 15/08/08

Time: 8/31/18



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: MID721-L DL718M

Mode: 11G 2437

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 | Comment |
| 1   |     | 416.0600 | 31.75         | -9.32          | 22.43        | 46.00  | -23.57 | QP             |              |        |         |
| 2   |     | 495.6000 | 32.03         | -8.17          | 23.86        | 46.00  | -22.14 | QP             |              |        |         |
| 3   |     | 587.7500 | 29.49         | -7.09          | 22.40        | 46.00  | -23.60 | QP             |              |        |         |
| 4   |     | 648.8600 | 30.80         | -6.50          | 24.30        | 46.00  | -21.70 | QP             |              |        |         |
| 5   |     | 738.1000 | 29.62         | -4.80          | 24.82        | 46.00  | -21.18 | QP             |              |        |         |
| 6   | *   | 827.3400 | 30.40         | -2.26          | 28.14        | 46.00  | -17.86 | QP             |              |        |         |

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

Operator: XLX

File : TUV 8\ Data #: 10

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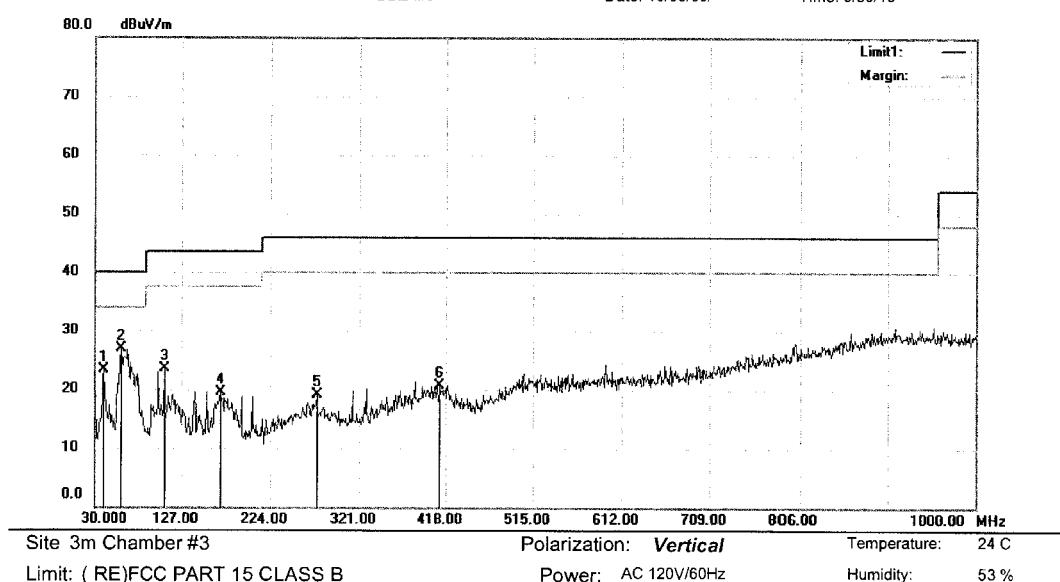

**Radiated Emission Measurement**

File : TUV 8

Data #9

Date: 15/08/08/

Time: 8/30/19



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: MID721-L DL718M

Mode: 11G 2437

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 | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|-----------------|---------|
| 1   |     | 39.7000      | 36.32                    | -12.95                  | 23.37                      | 40.00           | -16.63     | QP                      |                 |         |
| 2   | *   | 59.1000      | 42.39                    | -15.55                  | 26.84                      | 40.00           | -13.16     | QP                      |                 |         |
| 3   |     | 107.6000     | 37.63                    | -14.16                  | 23.47                      | 43.50           | -20.03     | QP                      |                 |         |
| 4   |     | 169.6800     | 38.95                    | -19.42                  | 19.53                      | 43.50           | -23.97     | QP                      |                 |         |
| 5   |     | 274.4400     | 31.73                    | -12.63                  | 19.10                      | 46.00           | -26.90     | QP                      |                 |         |
| 6   |     | 411.2100     | 29.99                    | -9.19                   | 20.80                      | 46.00           | -25.20     | QP                      |                 |         |

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

Operator: XLX

File : TUV 8\ Data #9

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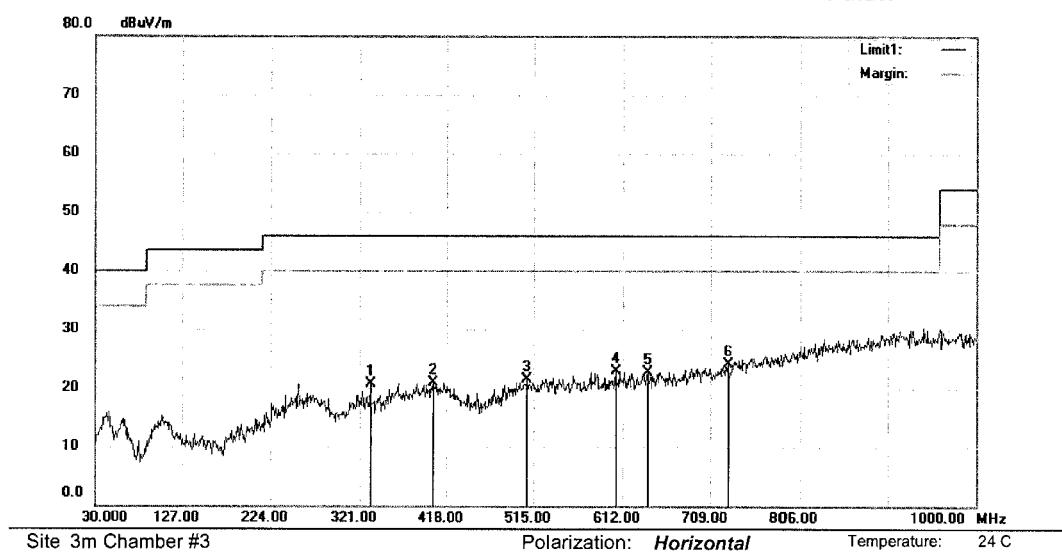

**Radiated Emission Measurement**

File :TUV 8

Data #:12

Date: 15/08/08/

Time: 8/32/56



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: MID721-L DL718M

Mode:11G 2462

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   |     | 332.6400     | 33.47                    | -12.85                  | 20.62                      | 46.00           | -25.38     | QP                      |                           |         |
| 2   |     | 402.4800     | 29.87                    | -8.93                   | 20.94                      | 46.00           | -25.06     | QP                      |                           |         |
| 3   |     | 508.2100     | 29.25                    | -7.74                   | 21.51                      | 46.00           | -24.49     | QP                      |                           |         |
| 4   |     | 604.2400     | 29.83                    | -6.95                   | 22.88                      | 46.00           | -23.12     | QP                      |                           |         |
| 5   |     | 639.1600     | 29.35                    | -6.59                   | 22.76                      | 46.00           | -23.24     | QP                      |                           |         |
| 6   | *   | 728.4000     | 29.28                    | -5.10                   | 24.18                      | 46.00           | -21.82     | QP                      |                           |         |

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

Operator: XLX

File :TUV 8\ Data #:12

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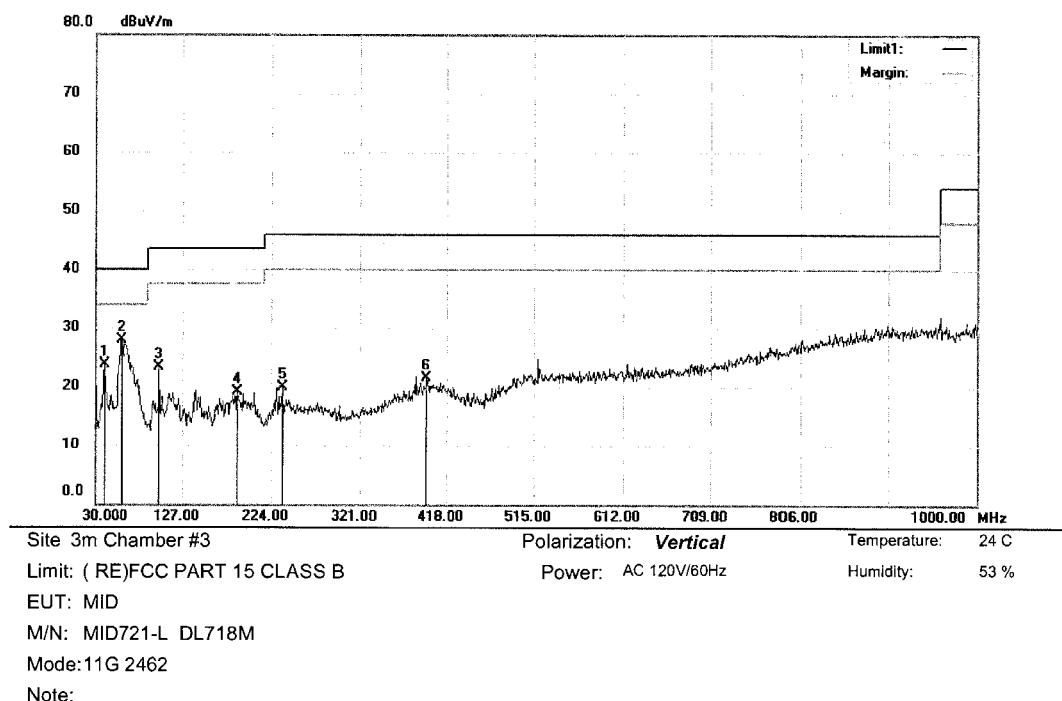
## Radiated Emission Measurement

File : TUV 8

Data #: 11

Date: 15/08/08

Time: 8/32/34



| 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 | Detector | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|-------------------------|---------------------------|---------|
| 1   |     | 39.7000      | 36.69                    | -12.95                  | 23.74                      | 40.00           | -16.26     | QP       |                         |                           |         |
| 2   | *   | 59.1000      | 43.55                    | -15.55                  | 28.00                      | 40.00           | -12.00     | QP       |                         |                           |         |
| 3   |     | 100.8100     | 37.33                    | -14.02                  | 23.31                      | 43.50           | -20.19     | QP       |                         |                           |         |
| 4   |     | 187.1400     | 36.94                    | -17.77                  | 19.17                      | 43.50           | -24.33     | QP       |                         |                           |         |
| 5   |     | 235.6400     | 34.27                    | -14.39                  | 19.88                      | 46.00           | -26.12     | QP       |                         |                           |         |
| 6   |     | 395.6900     | 30.60                    | -9.11                   | 21.49                      | 46.00           | -24.51     | QP       |                         |                           |         |

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

Operator: XLX

File : TUV 8\Data #: 11

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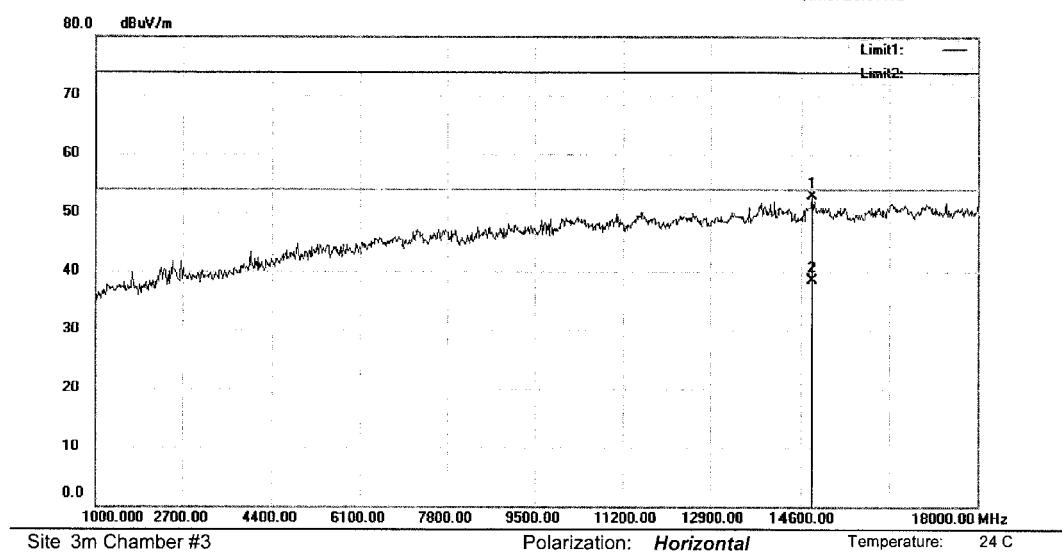
**Radiated Emission Measurement**

File :TUV 8

Data #:67

Date: 15/08/08/

Time: 20:07:12



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: MID721-L DL718M

Mode: 11G 2412

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit | Over     | Antenna Height | Table Degree |         |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dB    | Detector | cm             | degree       | Comment |
| 1   |     | 14804.00 | 51.01         | 1.90           | 52.91        | 74.00 | -21.09   | peak           |              |         |
| 2   | *   | 14804.00 | 36.64         | 1.90           | 38.54        | 54.00 | -15.46   | AVG            |              |         |

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

Operator: KK

File :TUV 8\Data .#67

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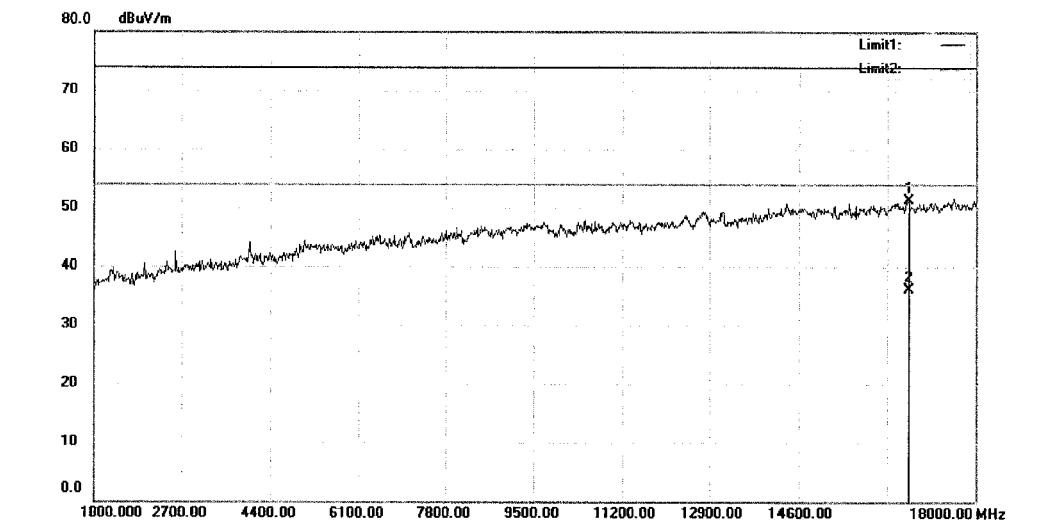
**Radiated Emission Measurement**

File :TUV 8

Data #:68

Date: 15/08/08/

Time: 20:10:38



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: MID721-L DL718M

Mode:11G 2412

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 | Comment |
| 1   |     | 16708.00 | 50.51         | 0.85           | 51.36        | 74.00  | -22.64 | peak           |              |        |         |
| 2   | *   | 16708.00 | 35.33         | 0.85           | 36.18        | 54.00  | -17.82 | AVG            |              |        |         |

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

Operator: KK

File :TUV 8\Data .#68

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Access to the World

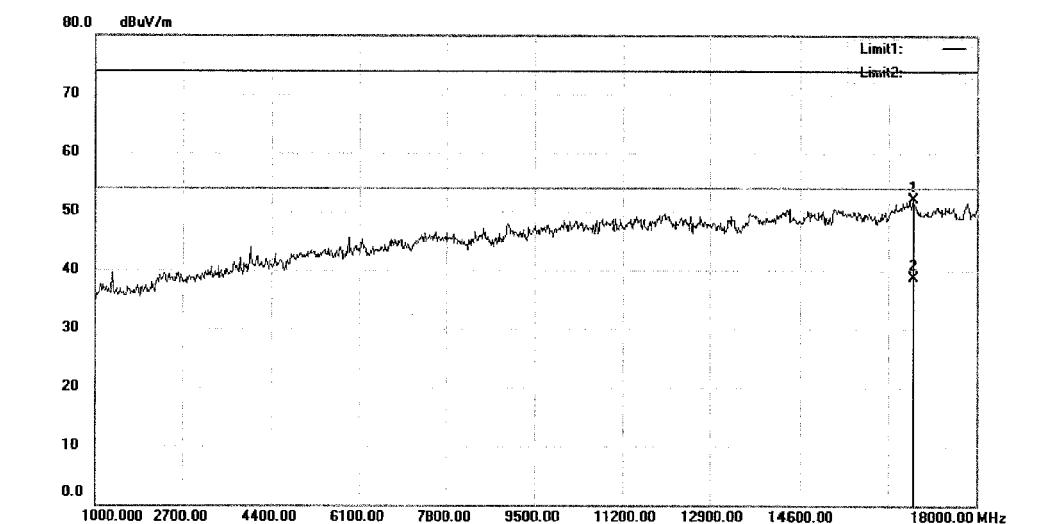
**Radiated Emission Measurement**

File : TUV 8

Data #: 69

Date: 15/08/08/

Time: 20:17:10



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: MID721-L DL718M

Mode: 11G 2437

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 | Comment |
| 1   |     | 16776.00 | 51.00         | 1.14           | 52.14        | 74.00  | -21.86 | peak           |              |        |         |
| 2   | *   | 16776.00 | 37.55         | 1.14           | 38.69        | 54.00  | -15.31 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\Data #: 69

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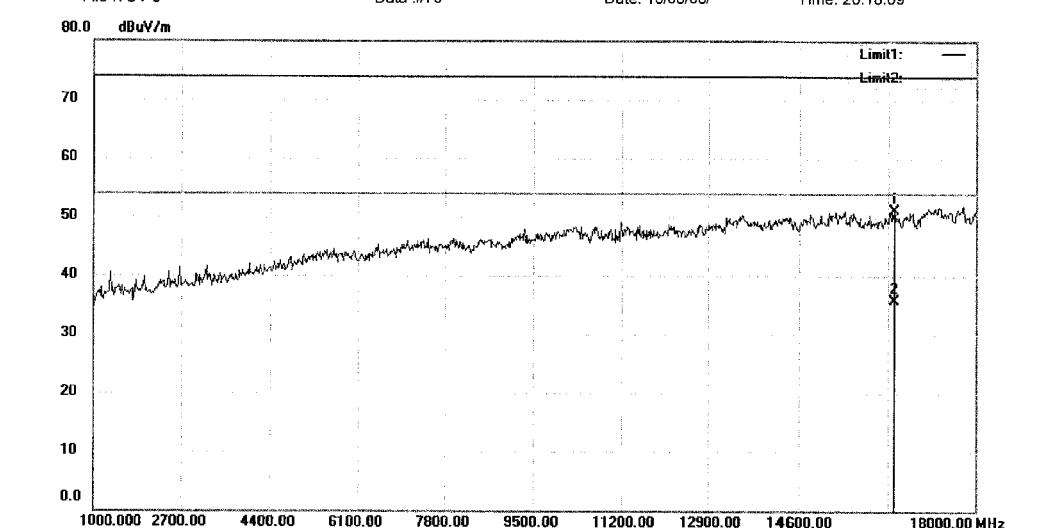
**Radiated Emission Measurement**

File : TUV 8

Data #: 70

Date: 15/08/08

Time: 20:18:09



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: MID721-L DL718M

Mode: 11G 2437

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree | Comment |  |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|--|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector       | cm           | degree  |  |
| 1   |     | 16419.00 | 51.56         | -0.36          | 51.20        | 74.00  | -22.80 | peak           |              |         |  |
| 2   | *   | 16419.00 | 36.05         | -0.36          | 35.69        | 54.00  | -18.31 | AVG            |              |         |  |

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

Operator: KK

File : TUV 8\ Data #: 70

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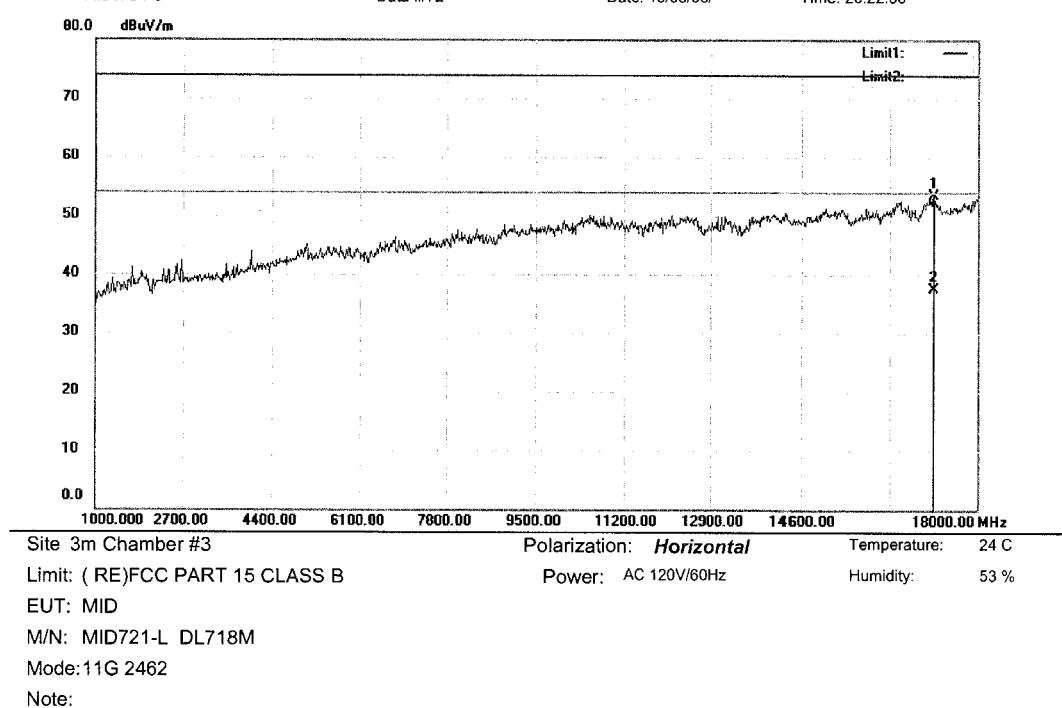
**Radiated Emission Measurement**

File : TUV 8

Data #: 72

Date: 15/08/08

Time: 20:22:36



| 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 | Comment |
| 1   |     | 17150.00 | 49.45         | 4.04           | 53.49        | 74.00  | -20.51 | peak           |              |        |         |
| 2   | *   | 17150.00 | 33.38         | 4.04           | 37.42        | 54.00  | -16.58 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8|Data #: 72

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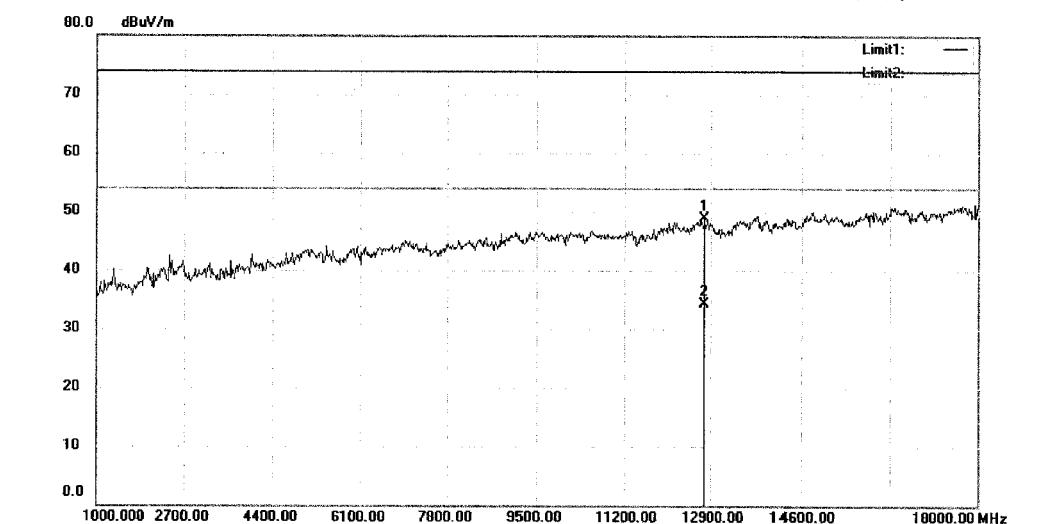

**Radiated Emission Measurement**

File : TUV 8

Data #: 71

Date: 15/08/08/

Time: 20:21:28



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: MID721-L DL718M

Mode: 11G 2462

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 | Comment |
| 1   |     | 12781.00 | 51.07         | -2.23          | 48.84        | 74.00  | -25.16 | peak           |              |        |         |
| 2   | *   | 12781.00 | 36.54         | -2.23          | 34.31        | 54.00  | -19.69 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\ Data #: 71

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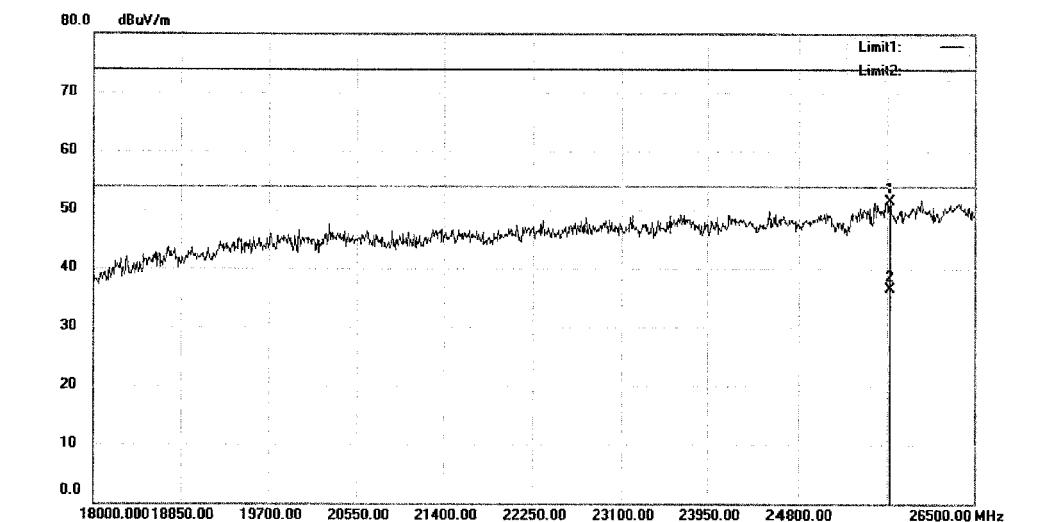
**Radiated Emission Measurement**

File : TUV 8

Data #127

Date: 15/08/09/

Time: 10/06/31



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: MID721-L DL718M

Mode: 11G 2412

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 | Comment |
| 1   |     | 25675.50 | 87.64         | -36.19         | 51.45        | 74.00  | -22.55 | peak           |              |        |         |
| 2   | *   | 25675.50 | 72.77         | -36.19         | 36.58        | 54.00  | -17.42 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\ Data .#127

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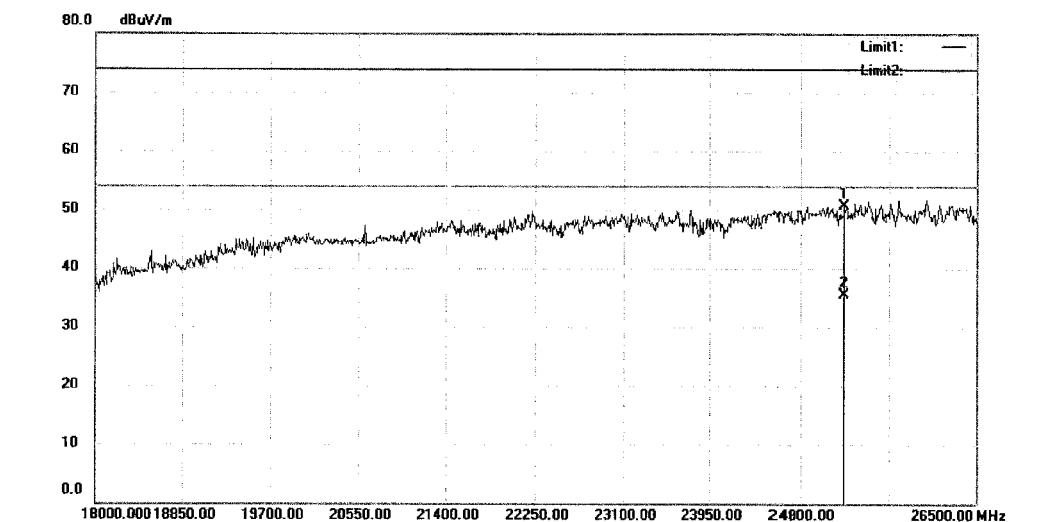
**Radiated Emission Measurement**

File : TUV 8

Data #: 128

Date: 15/08/09

Time: 10:06:34



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: MID721-L DL718M

Mode: 11G 2412

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree | Comment |  |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|--|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector       | cm           | degree  |  |
| 1   |     | 25216.50 | 87.44         | -36.75         | 50.69        | 74.00  | -23.31 | peak           |              |         |  |
| 2   | *   | 25216.50 | 72.21         | -36.75         | 35.46        | 54.00  | -18.54 | AVG            |              |         |  |

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

Operator: KK

File : TUV 8\Data #: 128

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Access to the World

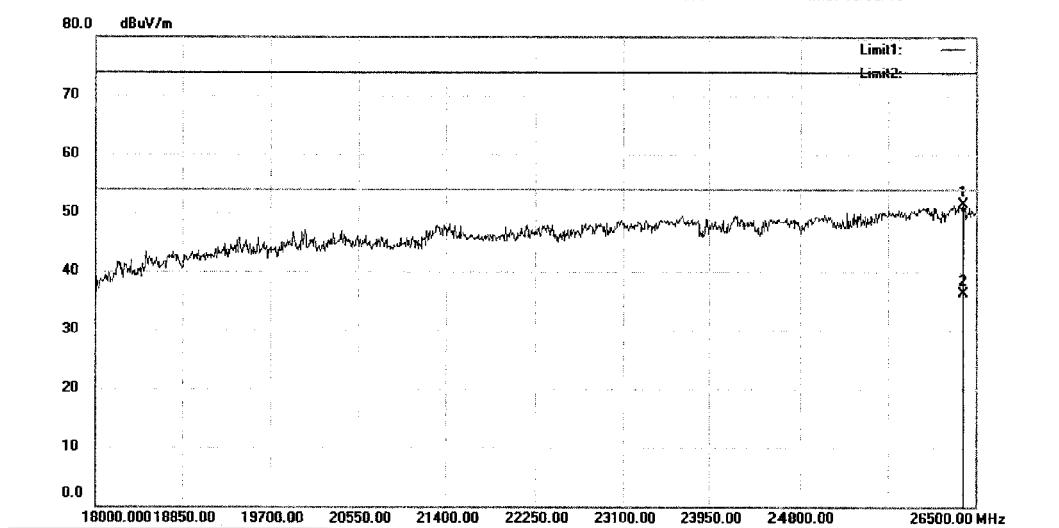
**Radiated Emission Measurement**

File :TUV 8

Data #:129

Date: 15/08/09/

Time: 10:06:40



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: MID721-L DL718M

Mode:11G 2437

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree | Comment |  |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|--|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector       | cm           | degree  |  |
| 1   |     | 26381.00 | 86.78         | -35.33         | 51.45        | 74.00  | -22.55 | peak           |              |         |  |
| 2   | *   | 26381.00 | 71.61         | -35.33         | 36.28        | 54.00  | -17.72 | AVG            |              |         |  |

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

Operator: KK

File :TUV 8\Data #:129

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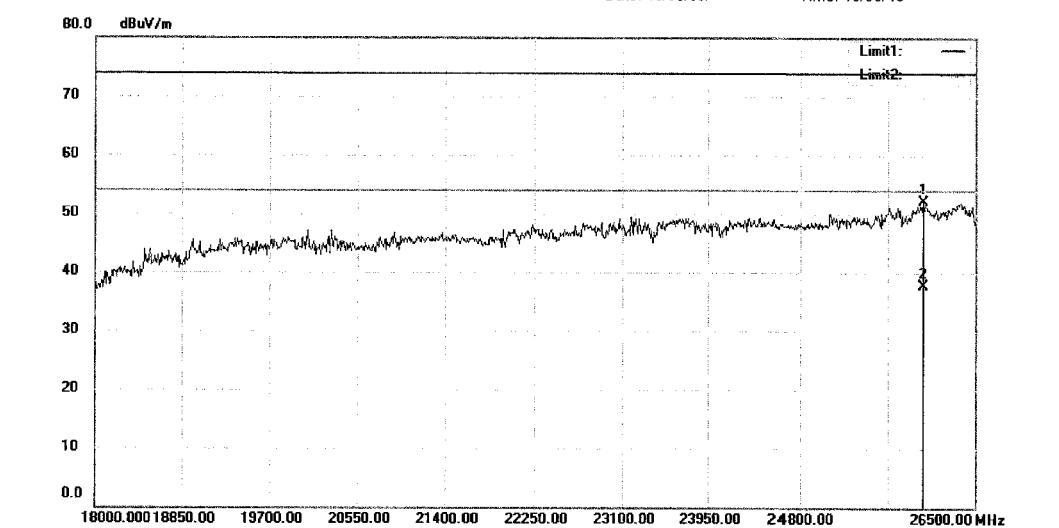

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #: 130

Date: 15/08/09/

Time: 10:06:48



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: MID721-L DL718M

Mode: 11G 2437

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   |     | 25990.00 | 87.88         | -35.80         | 52.08        | 74.00  | -21.92 | peak           |              |
| 2   | *   | 25990.00 | 73.48         | -35.80         | 37.68        | 54.00  | -16.32 | AVG            |              |

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

Operator: KK

File : TUV 8\Data #: 130

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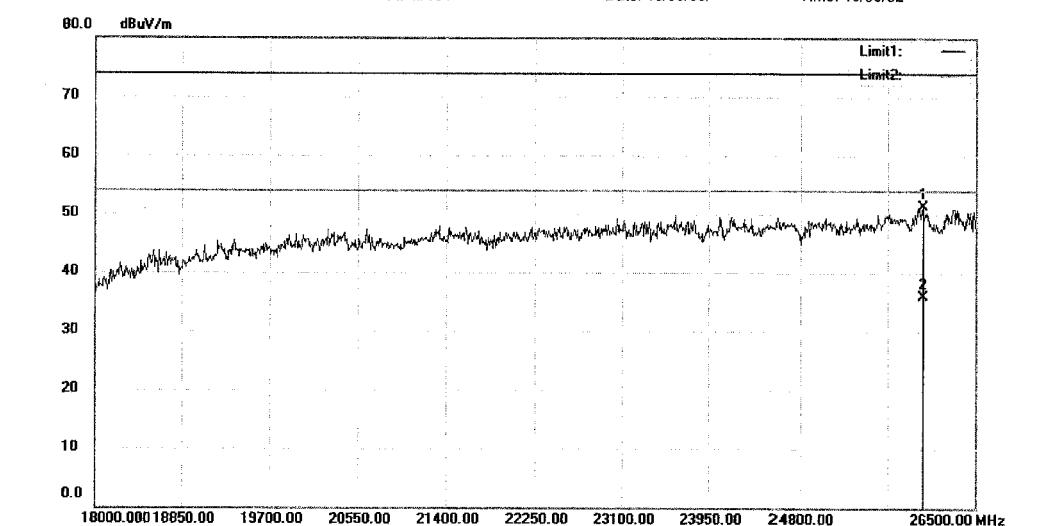
**Radiated Emission Measurement**

File : TUV 8

Data #: #131

Date: 15/08/09/

Time: 10:06:52



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: MID721-L DL718M

Mode: 11G 2462

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit | Over     | Antenna Height | Table Degree |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|----------------|--------------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dB    | Detector | cm             | degree       |
| 1   |     | 25990.00 | 87.20         | -35.80         | 51.40        | 74.00 | -22.60   | peak           |              |
| 2   | *   | 25990.00 | 71.61         | -35.80         | 35.81        | 54.00 | -18.19   | AVG            |              |

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

Operator: KK

File : TUV 8\#Data : #131

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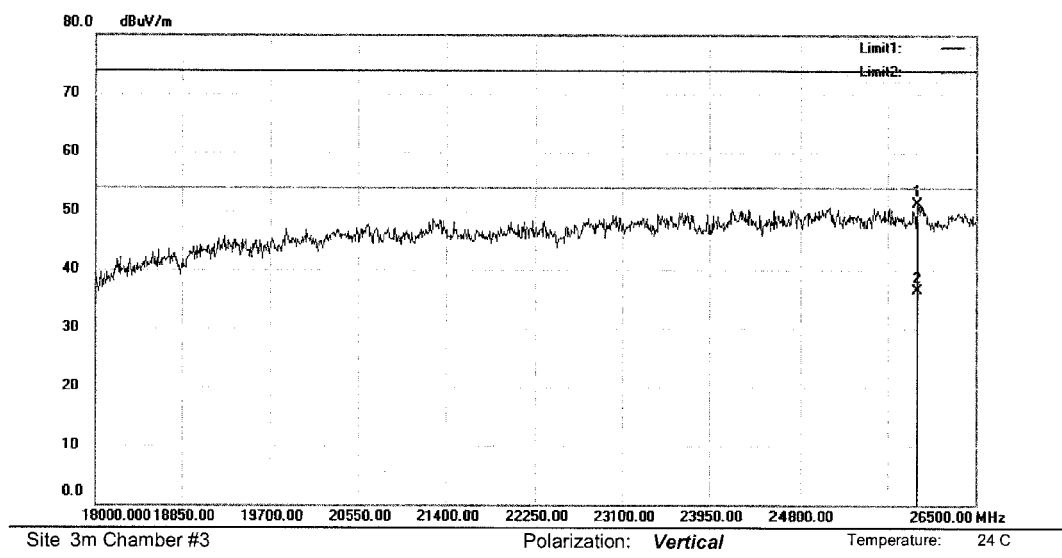
**Radiated Emission Measurement**

File : TUV 8

Data #: 132

Date: 15/08/09/

Time: 10:06:55



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: MID721-L DL718M

Mode: 11G 2462

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    | Comment |
| 1   |     | 25939.00 | 87.15         | -35.86         | 51.29        | 74.00  | -22.71 | peak           |              |         |
| 2   | *   | 25939.00 | 72.29         | -35.86         | 36.43        | 54.00  | -17.57 | AVG            |              |         |

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

Operator: KK

File : TUV 8\ Data #: 132

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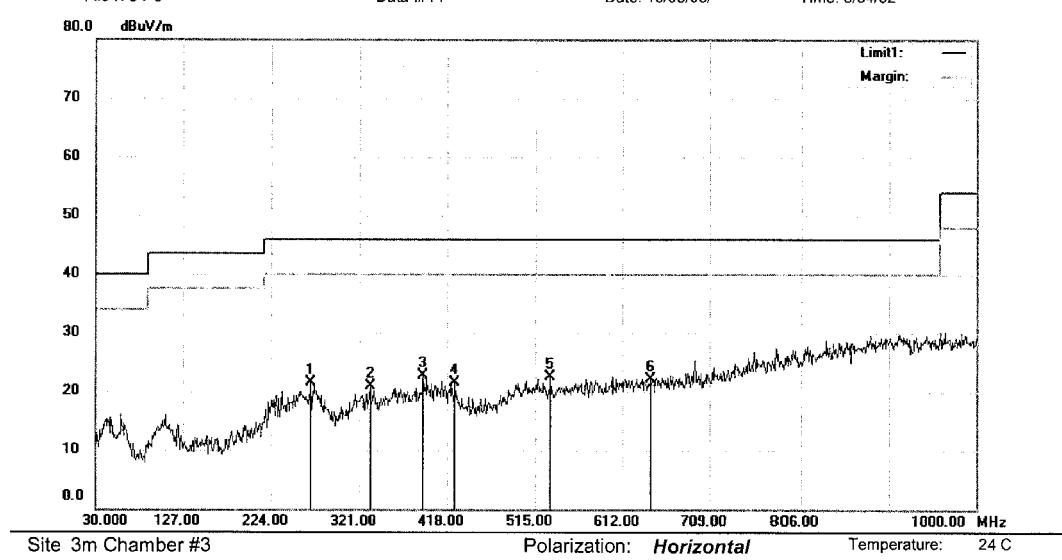
**Radiated Emission Measurement**

File :TUV 8

Data #:14

Date: 15/08/08

Time: 8/34/02



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: MID721-L DL718M

Mode:11N 20M 2412

Note:

| No. | Mk.      | Freq. | Reading Level | Correct Factor | Measure-ment | Limit  | Over | Antenna Height | Table Degree | Comment |
|-----|----------|-------|---------------|----------------|--------------|--------|------|----------------|--------------|---------|
|     |          | MHz   | dBuV          | dB             | dBuV/m       | dBuV/m | dB   | Detector       | cm           | degree  |
| 1   | 267.6500 | 34.14 | -12.71        | 21.43          | 46.00        | -24.57 | QP   |                |              |         |
| 2   | 332.6400 | 33.67 | -12.85        | 20.82          | 46.00        | -25.18 | QP   |                |              |         |
| 3 * | 391.8100 | 32.04 | -9.33         | 22.71          | 46.00        | -23.29 | QP   |                |              |         |
| 4   | 426.7300 | 31.50 | -10.04        | 21.46          | 46.00        | -24.54 | QP   |                |              |         |
| 5   | 531.4900 | 29.97 | -7.55         | 22.42          | 46.00        | -23.58 | QP   |                |              |         |
| 6   | 644.0100 | 28.62 | -6.55         | 22.07          | 46.00        | -23.93 | QP   |                |              |         |

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

Operator: XLX

File :TUV 8|Data :#14

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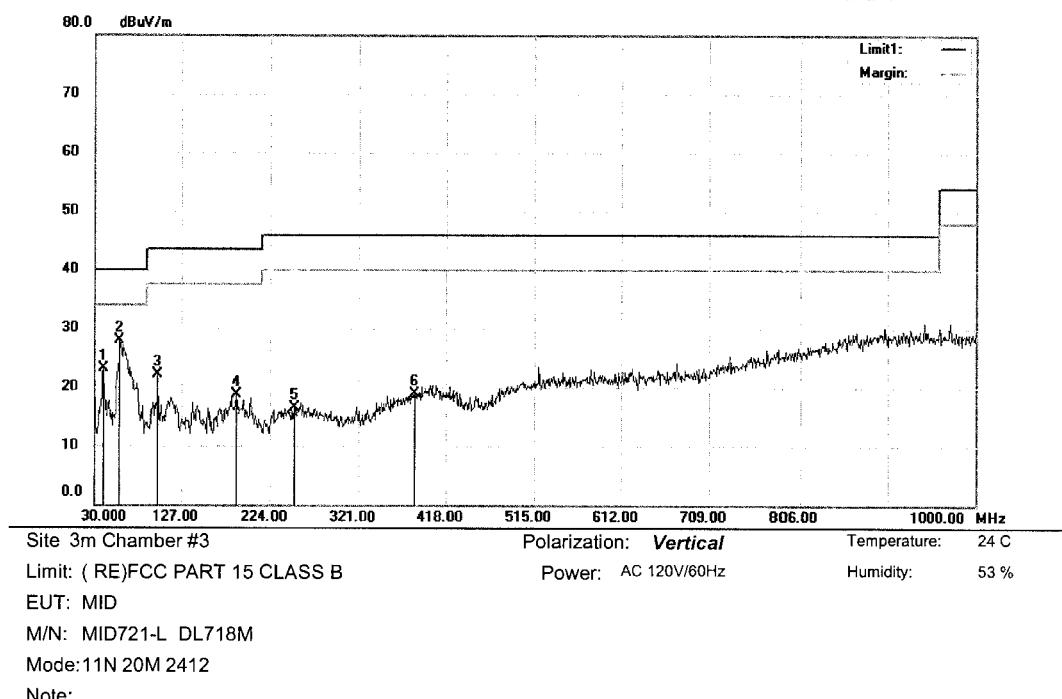

**Radiated Emission Measurement**

File : TUV 8

Data #13

Date: 15/08/08/

Time: 8:33:26



| 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 | Detector | Antenna<br>Height<br>cm | Table<br>Degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|-------------------------|-----------------|---------|
| 1   |     | 39.7000      | 36.13                    | -12.95                  | 23.18                      | 40.00           | -16.82     | QP       |                         |                 |         |
| 2   | *   | 58.1300      | 43.55                    | -15.57                  | 27.98                      | 40.00           | -12.02     | QP       |                         |                 |         |
| 3   |     | 100.8100     | 36.19                    | -14.02                  | 22.17                      | 43.50           | -21.33     | QP       |                         |                 |         |
| 4   |     | 187.1400     | 36.51                    | -17.77                  | 18.74                      | 43.50           | -24.76     | QP       |                         |                 |         |
| 5   |     | 250.1900     | 29.83                    | -13.30                  | 16.53                      | 46.00           | -29.47     | QP       |                         |                 |         |
| 6   |     | 384.0500     | 28.74                    | -9.77                   | 18.97                      | 46.00           | -27.03     | QP       |                         |                 |         |

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

Operator: XLX

File : TUV 8\ Data #13

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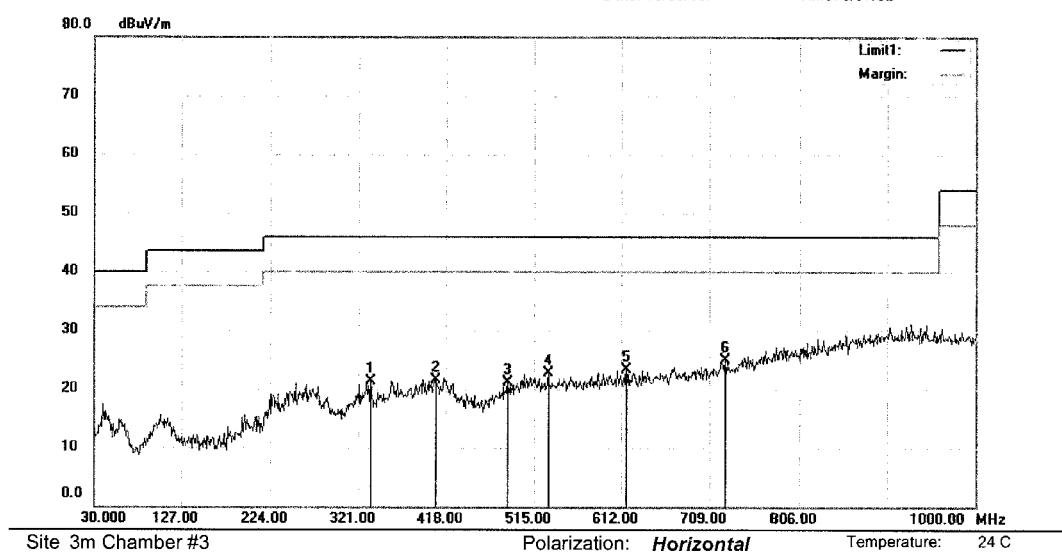

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #: 16

Date: 15/08/08/

Time: 8/37/02



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: MID721-L DL718M

Mode: 11N 20M 2437

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   |     | 334.5800     | 34.09                    | -12.75                  | 21.34                      | 46.00           | -24.66     | QP                      |                           |         |
| 2   |     | 407.3300     | 30.58                    | -9.07                   | 21.51                      | 46.00           | -24.49     | QP                      |                           |         |
| 3   |     | 485.9000     | 30.15                    | -9.02                   | 21.13                      | 46.00           | -24.87     | QP                      |                           |         |
| 4   |     | 530.5200     | 30.27                    | -7.56                   | 22.71                      | 46.00           | -23.29     | QP                      |                           |         |
| 5   |     | 617.8200     | 30.21                    | -6.81                   | 23.40                      | 46.00           | -22.60     | QP                      |                           |         |
| 6   | *   | 726.4600     | 30.06                    | -5.16                   | 24.90                      | 46.00           | -21.10     | QP                      |                           |         |

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

Operator: XLX

File : TUV 8\ Data #: 16

Page: 1

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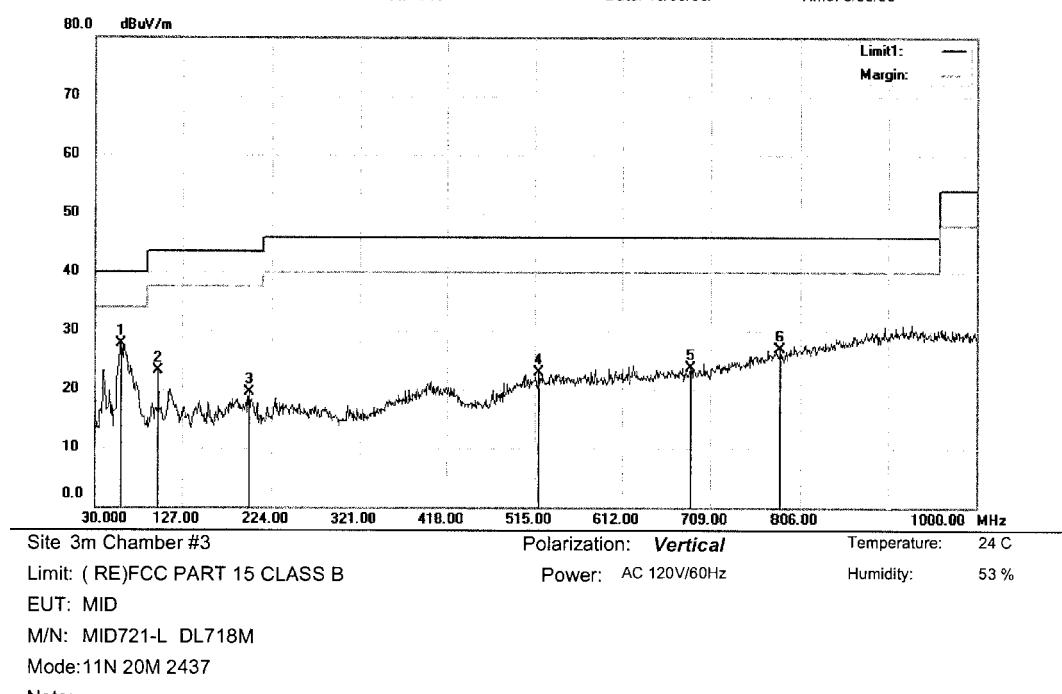

**Radiated Emission Measurement**

File : TUV 8

Data #: 15

Date: 15/08/08/

Time: 8:35/53



| 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 |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|--------|-----------------|
|     |     |              |                          |                         |                            |                 |            | Detector                | degree |                 |
| 1   | *   | 59.1000      | 43.28                    | -15.55                  | 27.73                      | 40.00           | -12.27     | QP                      |        |                 |
| 2   |     | 100.8100     | 37.08                    | -14.02                  | 23.06                      | 43.50           | -20.44     | QP                      |        |                 |
| 3   |     | 199.7500     | 36.01                    | -16.42                  | 19.59                      | 43.50           | -23.91     | QP                      |        |                 |
| 4   |     | 519.8500     | 30.62                    | -7.63                   | 22.99                      | 46.00           | -23.01     | QP                      |        |                 |
| 5   |     | 687.6600     | 29.86                    | -6.10                   | 23.76                      | 46.00           | -22.24     | QP                      |        |                 |
| 6   |     | 783.6900     | 30.28                    | -3.37                   | 26.91                      | 46.00           | -19.09     | QP                      |        |                 |

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

Operator: XLX

File : TUV 8\ Data #: 15

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Access to the World

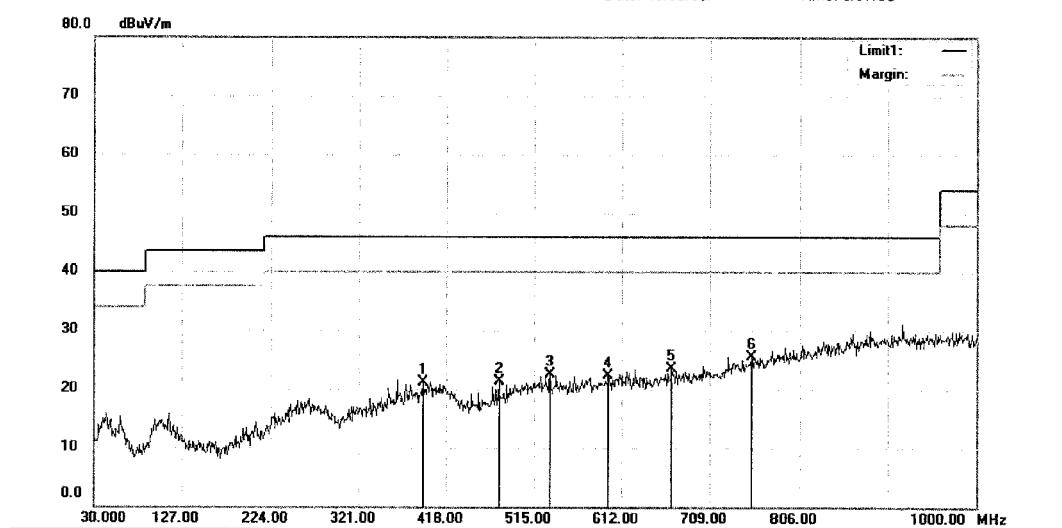
### Radiated Emission Measurement

File : TUV 8

Data #: 18

Date: 15/08/08

Time: 8:37:58



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: MID721-L DL718M

Mode: 11N 20M 2462

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 | Detector | Antenna<br>Height<br>cm | Table<br>Degree | Comment |
|-----|----------|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|-------------------------|-----------------|---------|
| 1   | 392.7800 | 30.35        | -9.28                    | 21.07                   | 46.00                      | -24.93          | QP         |          |                         |                 |         |
| 2   | 476.2000 | 31.23        | -9.88                    | 21.35                   | 46.00                      | -24.65          | QP         |          |                         |                 |         |
| 3   | 532.4600 | 30.01        | -7.53                    | 22.48                   | 46.00                      | -23.52          | QP         |          |                         |                 |         |
| 4   | 597.4500 | 29.41        | -7.02                    | 22.39                   | 46.00                      | -23.61          | QP         |          |                         |                 |         |
| 5   | 667.2900 | 29.74        | -6.30                    | 23.44                   | 46.00                      | -22.56          | QP         |          |                         |                 |         |
| 6 * | 754.5900 | 29.81        | -4.28                    | 25.53                   | 46.00                      | -20.47          | QP         |          |                         |                 |         |

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

Operator: XLX

File : TUV 8\Data #: 18

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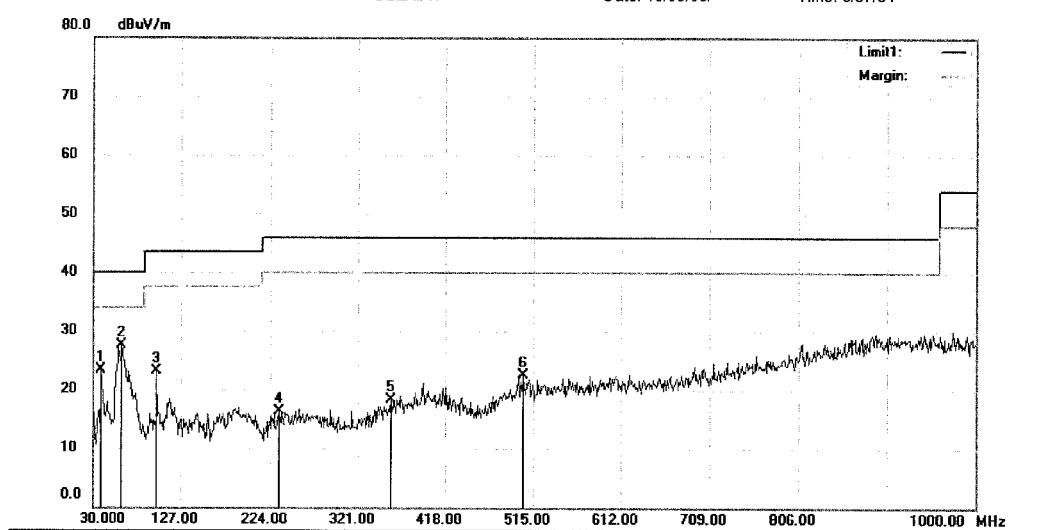
**Radiated Emission Measurement**

File :TUV 8

Data #:17

Date: 15/08/08/

Time: 8/37/34



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: MID721-L DL718M

Mode:11N 20M 2462

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   |     | 38.7300      | 36.57                    | -13.33                  | 23.24                      | 40.00           | -16.76     | QP                      |                           |         |
| 2 * |     | 62.0100      | 43.65                    | -16.12                  | 27.53                      | 40.00           | -12.47     | QP                      |                           |         |
| 3   |     | 100.8100     | 37.03                    | -14.02                  | 23.01                      | 43.50           | -20.49     | QP                      |                           |         |
| 4   |     | 233.7000     | 30.94                    | -14.63                  | 16.31                      | 46.00           | -29.69     | QP                      |                           |         |
| 5   |     | 357.8600     | 29.25                    | -10.92                  | 18.33                      | 46.00           | -27.67     | QP                      |                           |         |
| 6   |     | 504.3300     | 30.21                    | -7.77                   | 22.44                      | 46.00           | -23.56     | QP                      |                           |         |

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

Operator: XLX

File :TUV 8\Data .#17

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Access to the World

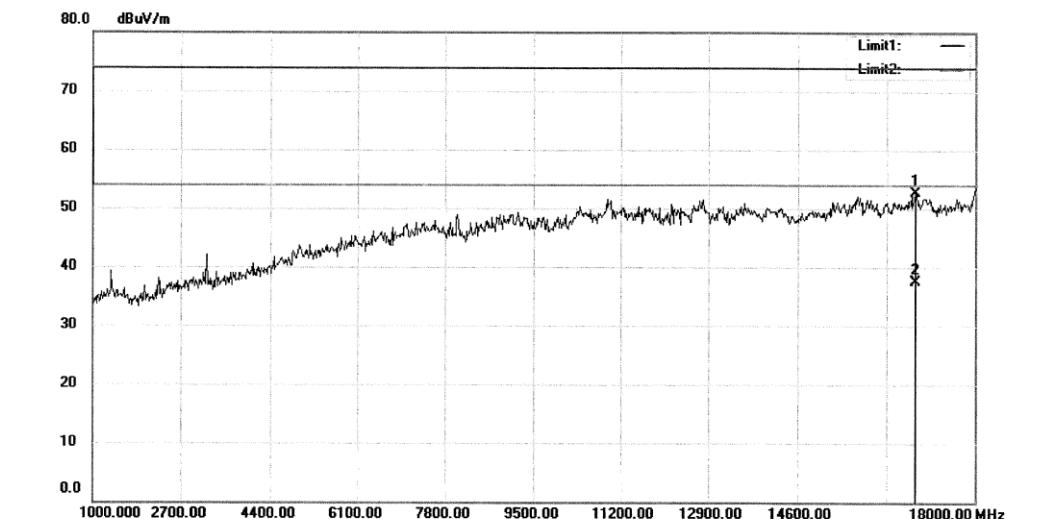
**Radiated Emission Measurement**

File :TUV 8

Data #:109

Date: 15/08/09/

Time: 9/04/55



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: MID721-L DL718M

Mode:11N 20M 2412

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   |     | 16844.00 | 50.42         | 2.20           | 52.62        | 74.00  | -21.38 | peak           |              |
| 2   | *   | 16844.00 | 35.32         | 2.20           | 37.52        | 54.00  | -16.48 | AVG            |              |

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

Operator: KK

File :TUV 8\Data .#109

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Access to the World

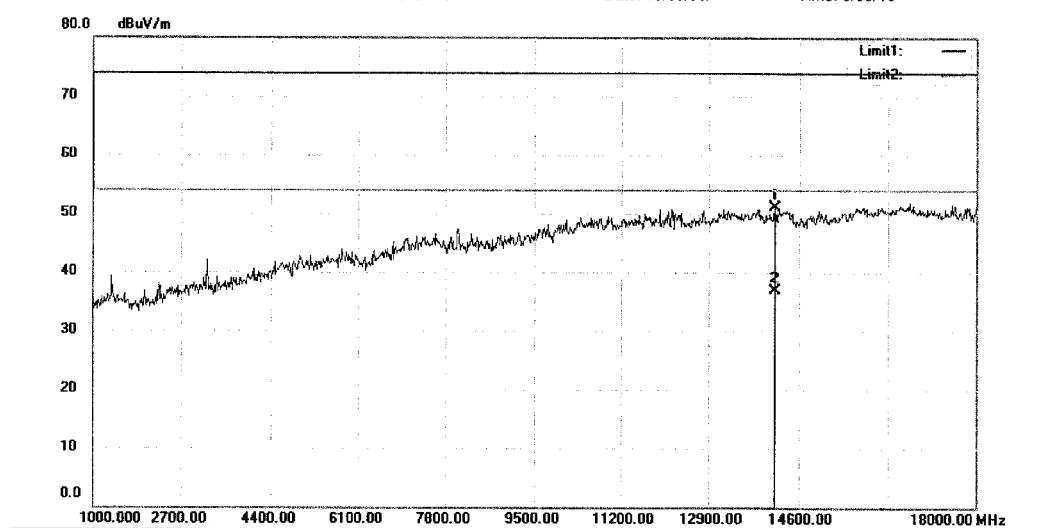
**Radiated Emission Measurement**

File :TUV 8

Data #:110

Date: 15/08/09/

Time: 9:05/19



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: MID721-L DL718M

Mode:11N 20M 2412

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 | Comment |
| 1   |     | 14158.00 | 47.37         | 3.65           | 51.02        | 74.00  | -22.98 | peak           |              |        |         |
| 2   | *   | 14158.00 | 33.19         | 3.65           | 36.84        | 54.00  | -17.16 | AVG            |              |        |         |

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

Operator: KK

File :TUV 8\Data #:110

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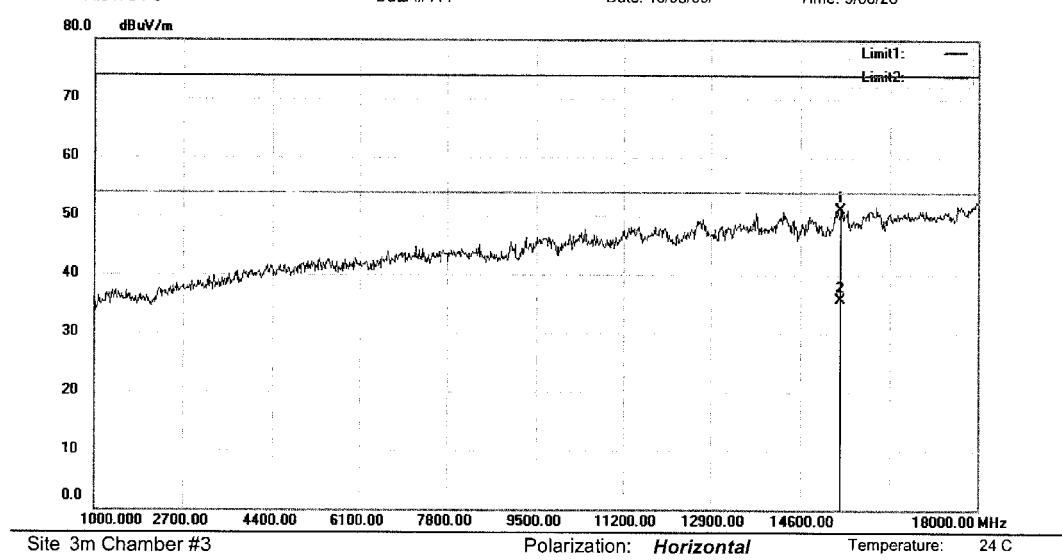

**Radiated Emission Measurement**

File : TUV 8

Data #: 111

Date: 15/08/09

Time: 9:06:28



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: MID721-L DL718M

Mode: 11N 20M 2437

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 |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------|-----------------|
|     |     |              |                          |                         |                            |                 |            | Detector                | Comment |                 |
| 1   |     | 15365.00     | 49.96                    | 1.08                    | 51.04                      | 74.00           | -22.96     | peak                    |         |                 |
| 2   | *   | 15365.00     | 34.61                    | 1.08                    | 35.69                      | 54.00           | -18.31     | AVG                     |         |                 |

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

Operator: KK

File : TUV 8\ Data #: 111

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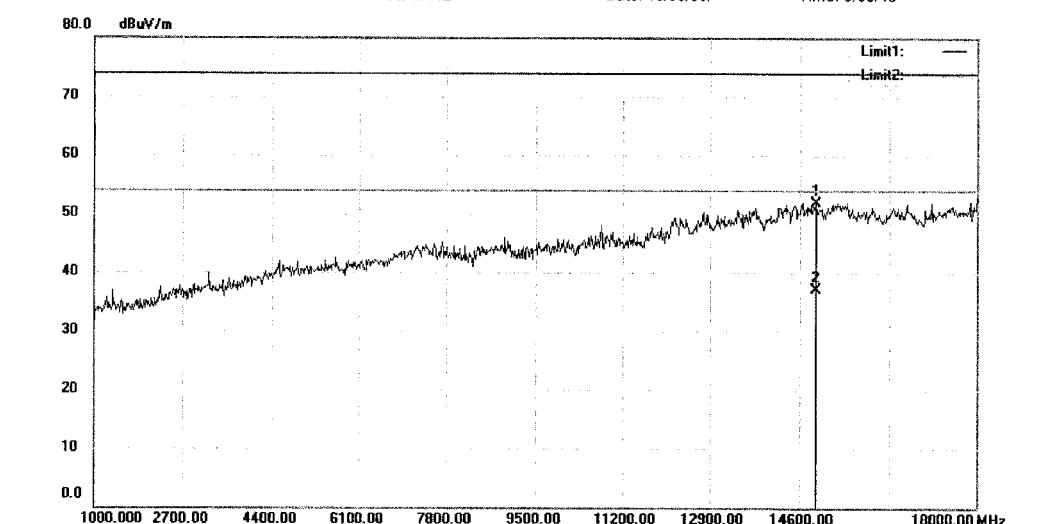
**Radiated Emission Measurement**

File : TUV 8

Data #112

Date: 15/08/09/

Time: 9:06:45



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: MID721-L DL718M

Mode: 11N 20M 2437

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 | Comment |
| 1   |     | 14906.00 | 49.33         | 2.58           | 51.91        | 74.00  | -22.09 | peak           |              |        |         |
| 2   | *   | 14906.00 | 34.61         | 2.58           | 37.19        | 54.00  | -16.81 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\Data #112

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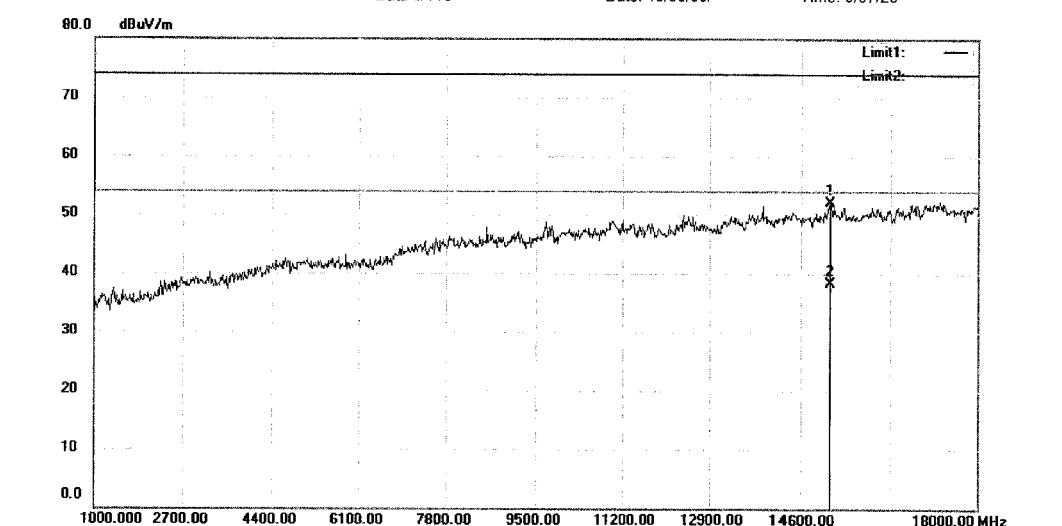
**Radiated Emission Measurement**

File : TUV 8

Data #113

Date: 15/08/09/

Time: 9:07:29



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: MID721-L DL718M

Mode: 11N 20M 2462

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 | Comment |
| 1   |     | 15161.00 | 50.28         | 1.85           | 52.13        | 74.00  | -21.87 | peak           |              |        |         |
| 2   | *   | 15161.00 | 36.44         | 1.85           | 38.29        | 54.00  | -15.71 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\Data #113

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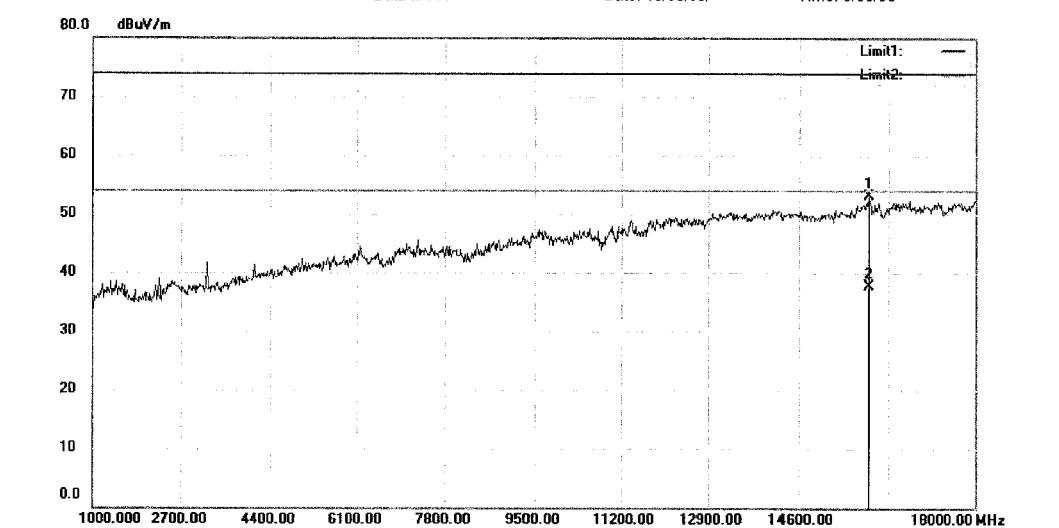
**Radiated Emission Measurement**

File :TUV 8

Data #:114

Date: 15/08/09/

Time: 9:08:08



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: MID721-L DL718M

Mode:11N 20M 2462

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 | Comment |
| 1   |     | 15926.00 | 54.21         | -1.03          | 53.18        | 74.00  | -20.82 | peak           |              |        |         |
| 2   | *   | 15926.00 | 38.72         | -1.03          | 37.69        | 54.00  | -16.31 | AVG            |              |        |         |

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

Operator: KK

File :TUV 8\Data #:114

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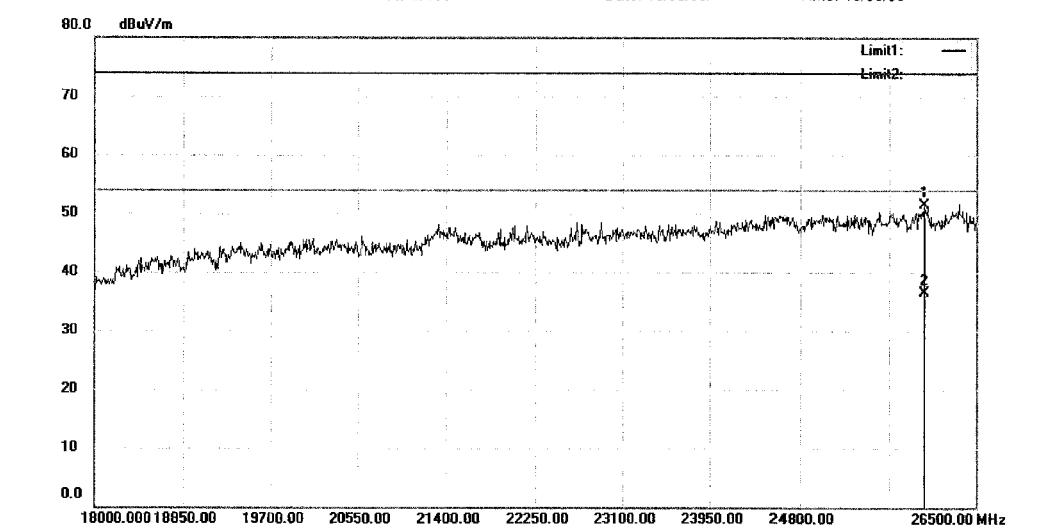
**Radiated Emission Measurement**

File :TUV 8

Data #133

Date: 15/08/09/

Time: 10:06:59



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: MID721-L DL718M

Mode:11N 20M 2412

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit | Over     | Antenna Height | Table Degree |         |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dB    | Detector | cm             | degree       | Comment |
| 1   |     | 25990.00 | 87.22         | -35.80         | 51.42        | 74.00 | -22.58   | peak           |              |         |
| 2   | *   | 25990.00 | 72.26         | -35.80         | 36.46        | 54.00 | -17.54   | AVG            |              |         |

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

Operator: KK

File :TUV 8\Data :#133

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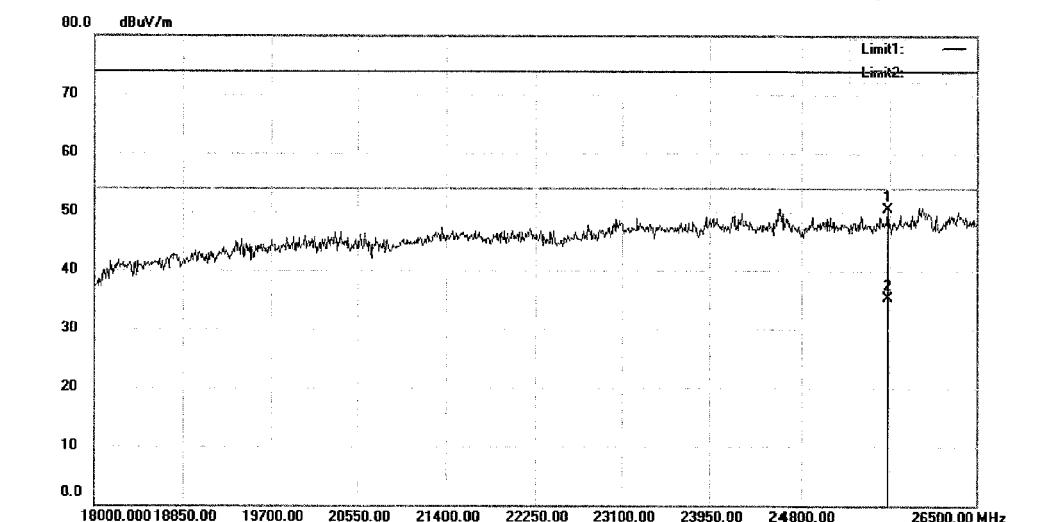

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #: 134

Date: 15/08/09/

Time: 10:07:02



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: MID721-L DL718M

Mode: 11N 20M 2412

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 | Comment |
| 1   |     | 25633.00 | 86.82         | -36.24         | 50.58        | 74.00  | -23.42 | peak           |              |        |         |
| 2   | *   | 25633.00 | 71.48         | -36.24         | 35.24        | 54.00  | -18.76 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\ Data #: 134

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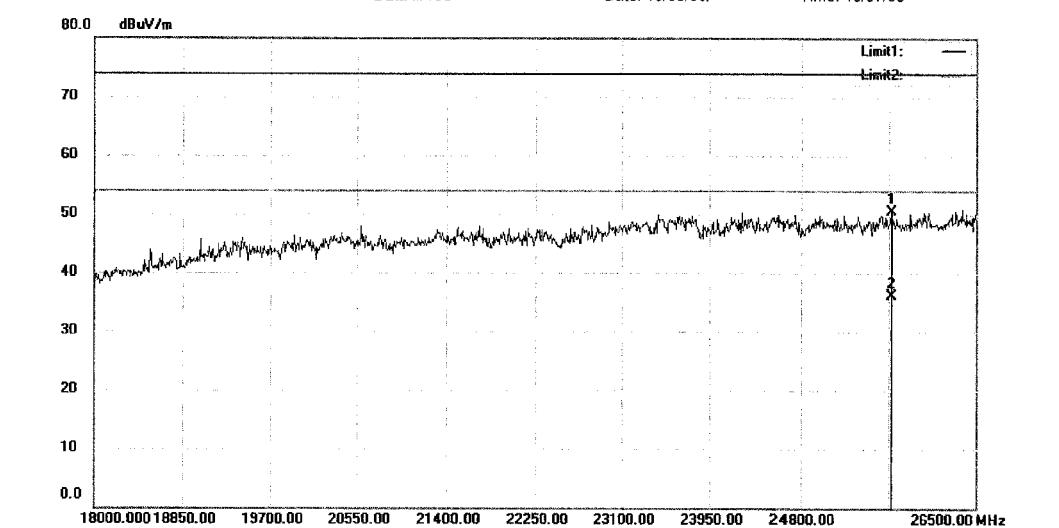

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #: 135

Date: 15/08/09/

Time: 10:07:05



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: MID721-L DL718M

Mode: 11N 20M 2437

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 | Comment |
| 1   |     | 25675.50 | 86.68         | -36.19         | 50.49        | 74.00  | -23.51 | peak           |              |        |         |
| 2   | *   | 25675.50 | 72.32         | -36.19         | 36.13        | 54.00  | -17.87 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\ Data #: 135

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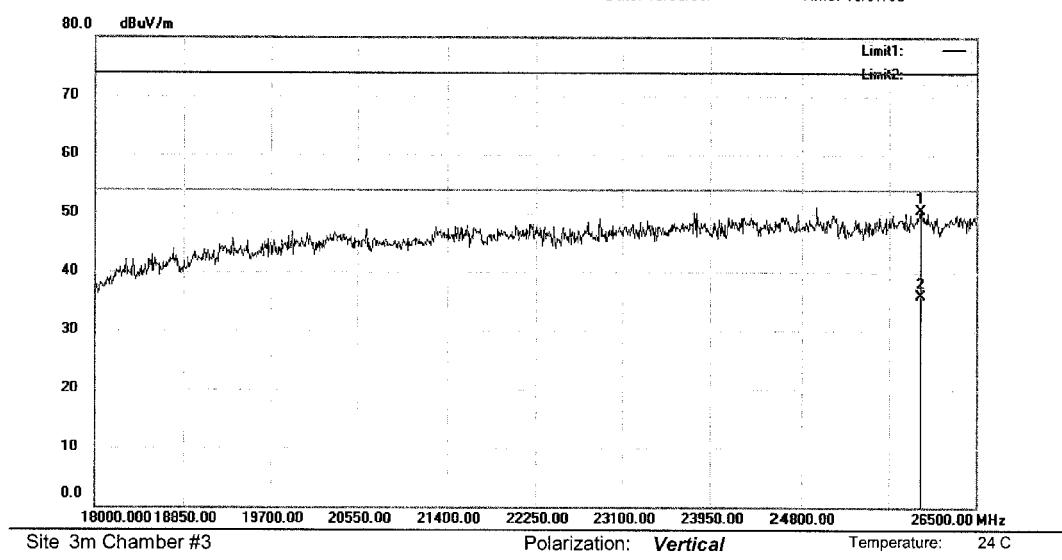

**Radiated Emission Measurement**

File : TUV 8

Data #: 136

Date: 15/08/09/

Time: 10/07/08



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: MID721-L DL718M

Mode: 11N 20M 2437

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 | Comment |
| 1   |     | 25956.00 | 86.32         | -35.84         | 50.48        | 74.00  | -23.52 | peak           |              |        |         |
| 2   | *   | 25956.00 | 71.66         | -35.84         | 35.82        | 54.00  | -18.18 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\ Data #: 136

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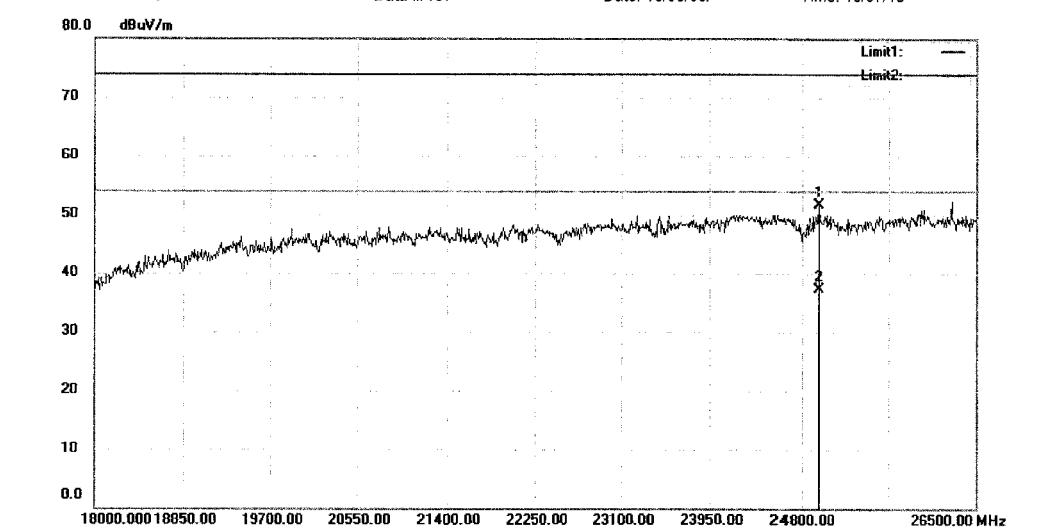
**Radiated Emission Measurement**

File : TUV 8

Data #: 137

Date: 15/08/09/

Time: 10:07:13



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: MID721-L DL718M

Mode: 11N 20M 2462

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 | Comment |
| 1   |     | 24961.50 | 88.74         | -37.01         | 51.73        | 74.00  | -22.27 | peak           |              |        |         |
| 2   | *   | 24961.50 | 74.25         | -37.01         | 37.24        | 54.00  | -16.76 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\Data :#137

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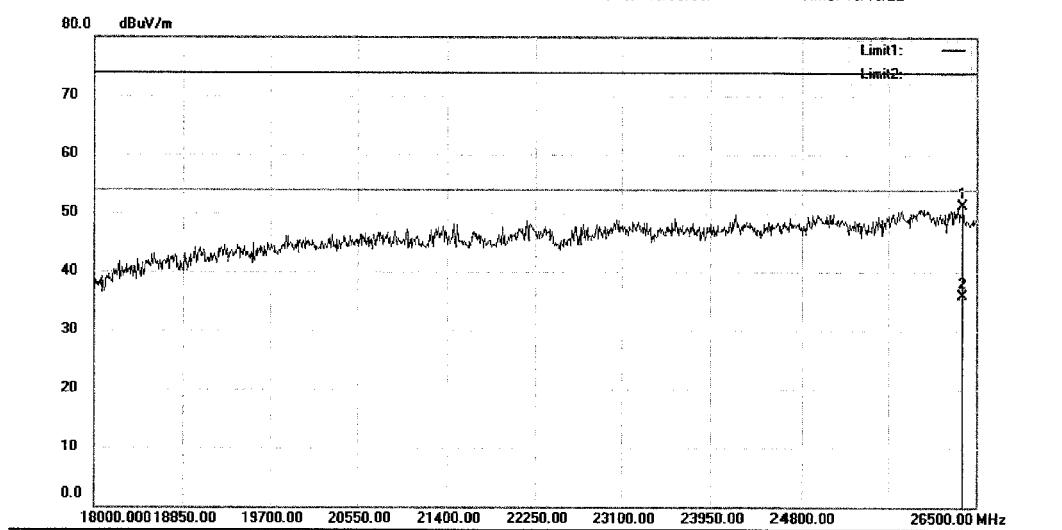
**Radiated Emission Measurement**

File : TUV 8

Data #: 138

Date: 15/08/09/

Time: 10/10/22



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: MID721-L DL718M

Mode: 11N 20M 2462

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 | Comment |
| 1   |     | 26372.50 | 86.65         | -35.34         | 51.31        | 74.00  | -22.69 | peak           |              |        |         |
| 2   | *   | 26372.50 | 71.32         | -35.34         | 35.98        | 54.00  | -18.02 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\Data :#138

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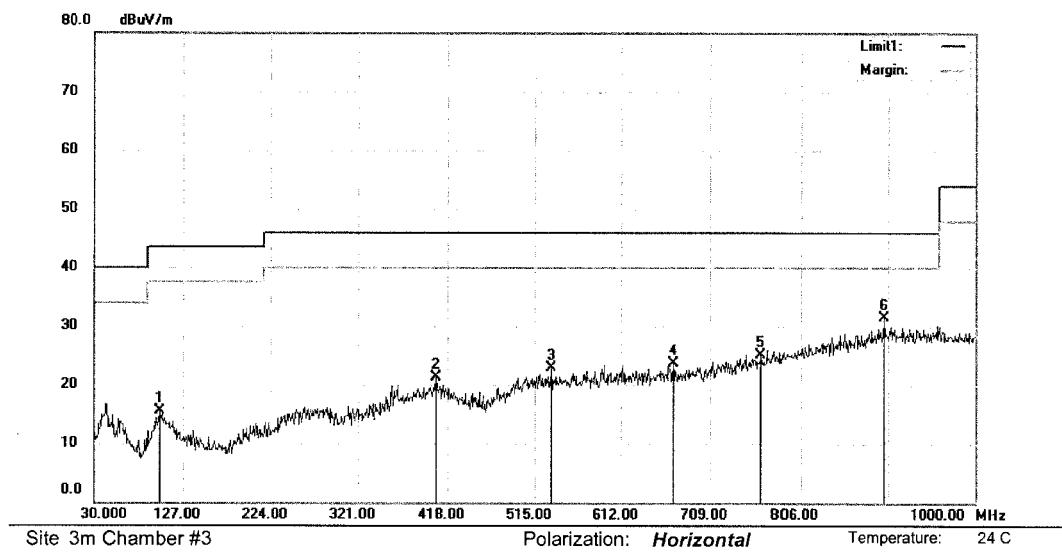
### Radiated Emission Measurement

File : TUV 8

Data #: 20

Date: 15/08/08/

Time: 8:38:57



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: MID721-L DL718M

Mode: 11N 40M 2422

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 | Detector | Antenna<br>Height<br>cm | Table<br>Degree | Comment |
|-----|----------|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|-------------------------|-----------------|---------|
| 1   | 101.7800 | 29.64        | -14.05                   | 15.59                   | 43.50                      | -27.91          | QP         |          |                         |                 |         |
| 2   | 405.3900 | 30.42        | -9.02                    | 21.40                   | 46.00                      | -24.60          | QP         |          |                         |                 |         |
| 3   | 533.4300 | 30.42        | -7.53                    | 22.89                   | 46.00                      | -23.11          | QP         |          |                         |                 |         |
| 4   | 669.2300 | 29.94        | -6.29                    | 23.65                   | 46.00                      | -22.35          | QP         |          |                         |                 |         |
| 5   | 764.2900 | 29.18        | -3.98                    | 25.20                   | 46.00                      | -20.80          | QP         |          |                         |                 |         |
| 6 * | 898.1500 | 32.16        | -0.66                    | 31.50                   | 46.00                      | -14.50          | QP         |          |                         |                 |         |

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

Operator: XLX

File : TUV 8\Data :#20

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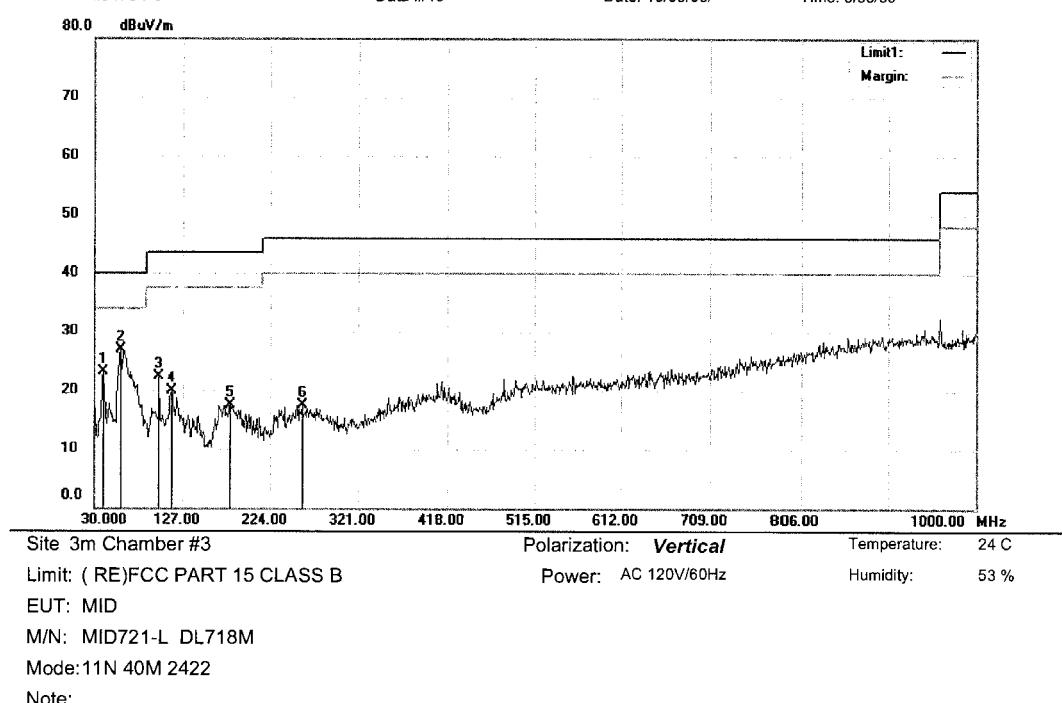

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #: 19

Date: 15/08/08

Time: 8:38:36



| 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 | Detector | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|-------------------------|---------------------------|---------|
| 1   |     | 39.7000      | 36.14                    | -12.95                  | 23.19                      | 40.00           | -16.81     | QP       |                         |                           |         |
| 2   | *   | 59.1000      | 42.55                    | -15.55                  | 27.00                      | 40.00           | -13.00     | QP       |                         |                           |         |
| 3   |     | 100.8100     | 36.36                    | -14.02                  | 22.34                      | 43.50           | -21.16     | QP       |                         |                           |         |
| 4   |     | 114.3900     | 35.09                    | -15.15                  | 19.94                      | 43.50           | -23.56     | QP       |                         |                           |         |
| 5   |     | 179.3800     | 36.57                    | -18.99                  | 17.58                      | 43.50           | -25.92     | QP       |                         |                           |         |
| 6   |     | 258.9200     | 30.39                    | -12.85                  | 17.54                      | 46.00           | -28.46     | QP       |                         |                           |         |

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

Operator: XLX

File : TUV 8\Data .#19

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Access to the World

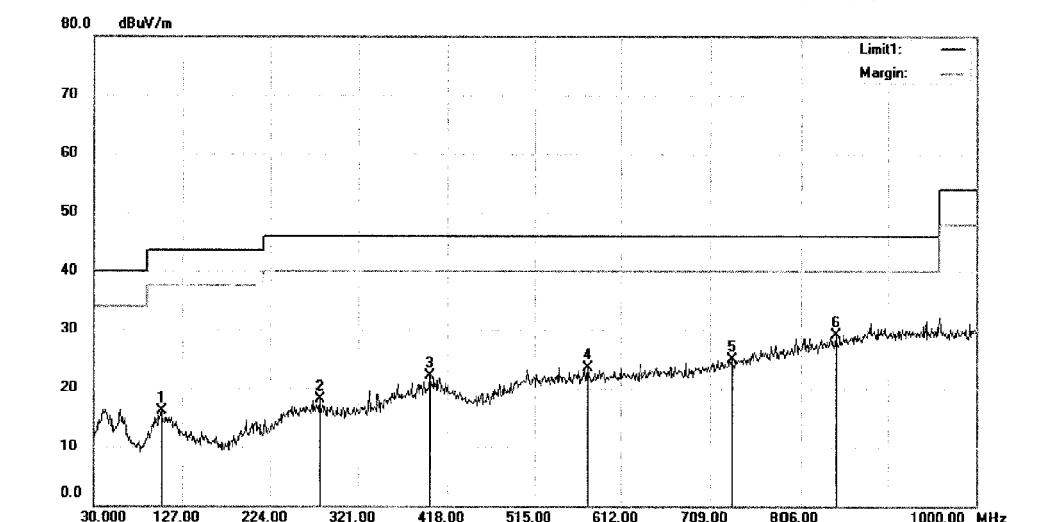
## Radiated Emission Measurement

File : TUV 8

Data #: 22

Date: 15/08/08/

Time: 8/41/22



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: MID721-L DL718M

Mode: 11N 40M 2437

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 | Detector | Antenna<br>Height<br>cm | Table<br>Degree | Comment |
|-----|----------|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|-------------------------|-----------------|---------|
| 1   | 103.7200 | 30.12        | -14.07                   | 16.05                   | 43.50                      | -27.45          | QP         |          |                         |                 |         |
| 2   | 278.3200 | 30.70        | -12.59                   | 18.11                   | 46.00                      | -27.89          | QP         |          |                         |                 |         |
| 3   | 398.6000 | 31.07        | -8.95                    | 22.12                   | 46.00                      | -23.88          | QP         |          |                         |                 |         |
| 4   | 575.1400 | 30.78        | -7.19                    | 23.59                   | 46.00                      | -22.41          | QP         |          |                         |                 |         |
| 5   | 732.2800 | 29.80        | -4.98                    | 24.82                   | 46.00                      | -21.18          | QP         |          |                         |                 |         |
| 6 * | 844.8000 | 31.01        | -1.86                    | 29.15                   | 46.00                      | -16.85          | QP         |          |                         |                 |         |

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

Operator: XLX

File : TUV 8\ Data #: 22

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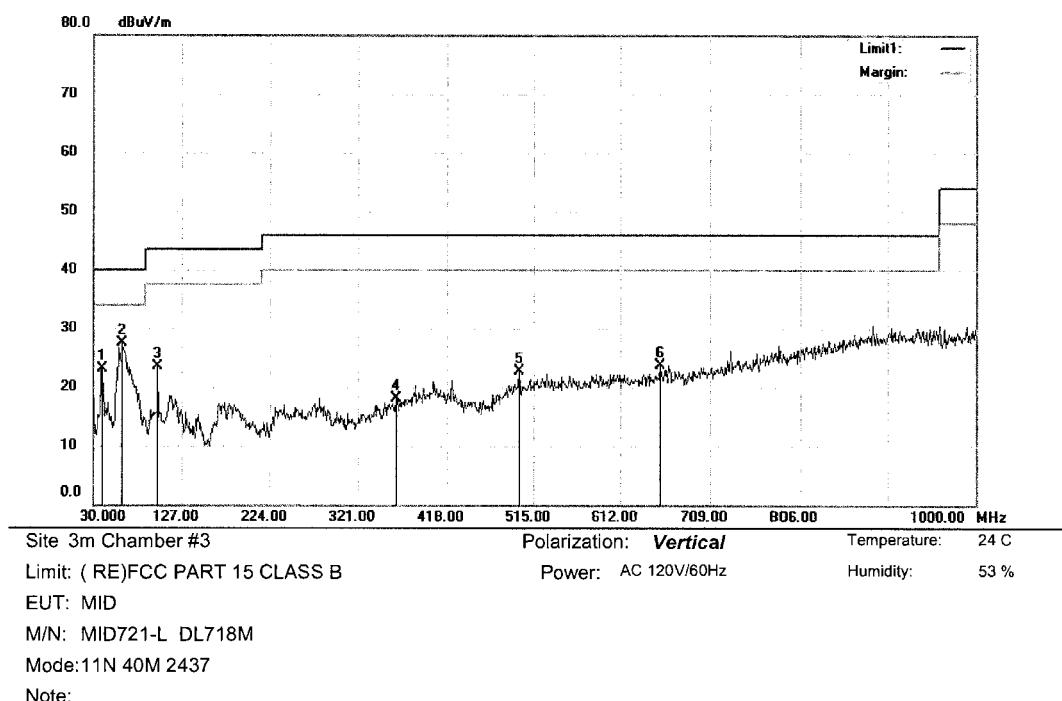
### Radiated Emission Measurement

File : TUV 8

Data #: 21

Date: 15/08/08/

Time: 8/39/32



| 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 | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|-----------------|---------|
| 1   |     | 39.7000      | 36.10                    | -12.95                  | 23.15                      | 40.00           | -16.85     | QP                      |                 |         |
| 2 * |     | 62.0100      | 43.59                    | -16.12                  | 27.47                      | 40.00           | -12.53     | QP                      |                 |         |
| 3   |     | 100.8100     | 37.47                    | -14.02                  | 23.45                      | 43.50           | -20.05     | QP                      |                 |         |
| 4   |     | 362.7100     | 28.82                    | -10.64                  | 18.18                      | 46.00           | -27.82     | QP                      |                 |         |
| 5   |     | 498.5100     | 30.55                    | -7.93                   | 22.62                      | 46.00           | -23.38     | QP                      |                 |         |
| 6   |     | 654.6800     | 30.18                    | -6.44                   | 23.74                      | 46.00           | -22.26     | QP                      |                 |         |

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

Operator: XLX

File : TUV 8\Data #: 21

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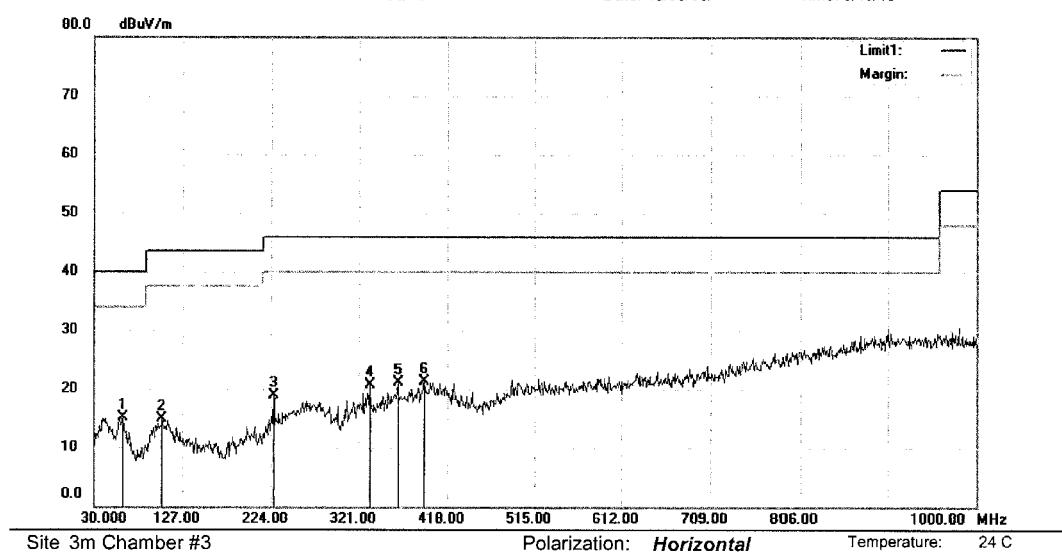
## Radiated Emission Measurement

File : TUV 8

Data #: 24

Date: 15/08/08

Time: 8/43/40



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: MID721-L DL718M

Mode: 11N 40M 2452

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 | Detector | Antenna<br>Height<br>cm | Table<br>Degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|-------------------------|-----------------|---------|
| 1   |     | 62.0100      | 31.32                    | -16.12                  | 15.20                      | 40.00           | -24.80     | QP       |                         |                 |         |
| 2   |     | 104.6900     | 28.93                    | -14.10                  | 14.83                      | 43.50           | -28.67     | QP       |                         |                 |         |
| 3   |     | 226.9100     | 34.36                    | -15.50                  | 18.86                      | 46.00           | -27.14     | QP       |                         |                 |         |
| 4   |     | 333.6100     | 33.44                    | -12.80                  | 20.64                      | 46.00           | -25.36     | QP       |                         |                 |         |
| 5   |     | 363.6800     | 31.79                    | -10.59                  | 21.20                      | 46.00           | -24.80     | QP       |                         |                 |         |
| 6   | *   | 392.7800     | 30.49                    | -9.28                   | 21.21                      | 46.00           | -24.79     | QP       |                         |                 |         |

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

Operator: XLX

File : TUV 8\ Data #: 24

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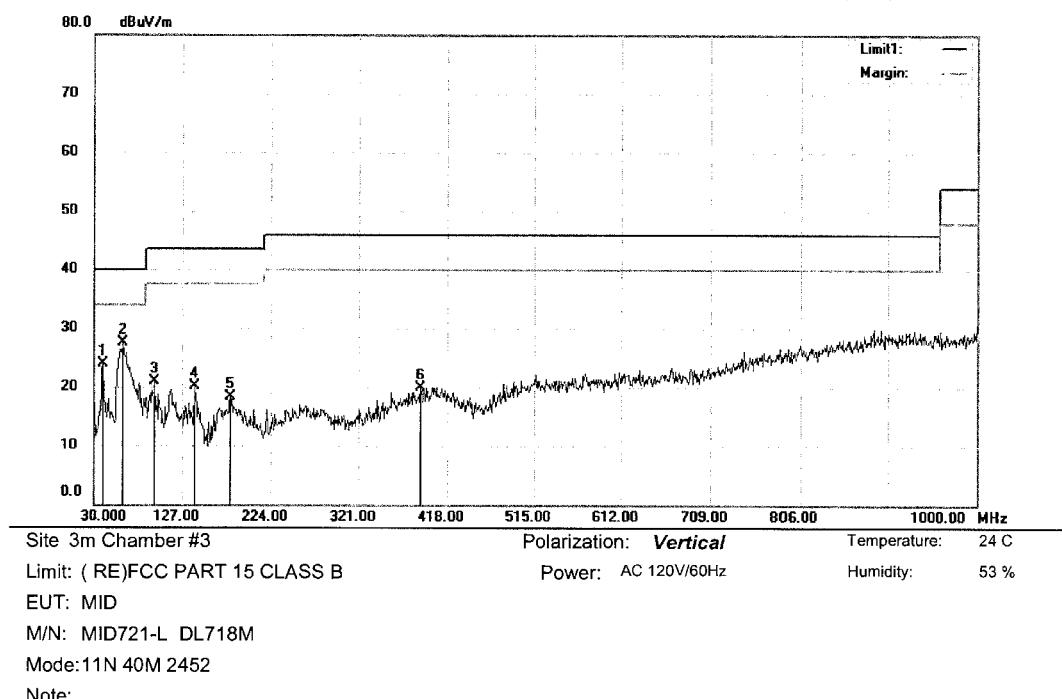
**Radiated Emission Measurement**

File : TUV 8

Data #: 23

Date: 15/08/08/

Time: 8/42/27



| 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   |     | 39.7000      | 36.81                    | -12.95                  | 23.86                      | 40.00           | -16.14     | QP                      |                           |         |
| 2   | *   | 62.0100      | 43.58                    | -16.12                  | 27.46                      | 40.00           | -12.54     | QP                      |                           |         |
| 3   |     | 96.9300      | 35.53                    | -14.67                  | 20.86                      | 43.50           | -22.64     | QP                      |                           |         |
| 4   |     | 140.5800     | 37.97                    | -17.80                  | 20.17                      | 43.50           | -23.33     | QP                      |                           |         |
| 5   |     | 179.3800     | 37.24                    | -18.99                  | 18.25                      | 43.50           | -25.25     | QP                      |                           |         |
| 6   |     | 388.9000     | 29.49                    | -9.50                   | 19.99                      | 46.00           | -26.01     | QP                      |                           |         |

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

Operator: XLX

File : TUV 8\Data #: 23

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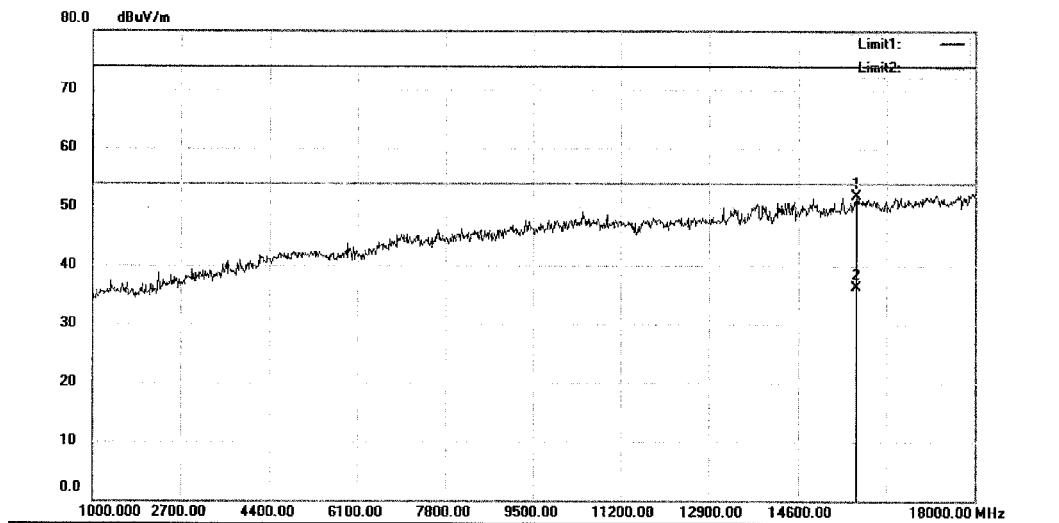

**Radiated Emission Measurement**

File : TUV 8

Data #: 115

Date: 15/08/09/

Time: 9:08:47



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: MID721-L DL718M

Mode: 11N 40M 2422

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 | Comment |
| 1   |     | 15722.00 | 52.18         | -0.26          | 51.92        | 74.00  | -22.08 | peak           |              |        |         |
| 2   | *   | 15722.00 | 36.49         | -0.26          | 36.23        | 54.00  | -17.77 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8\ Data .#115

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Access to the World

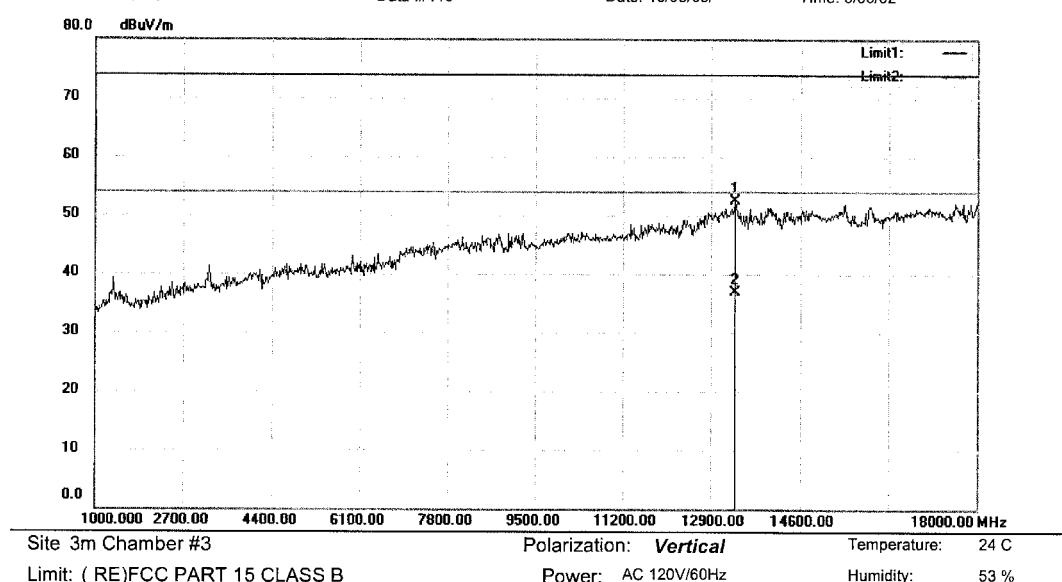
**Radiated Emission Measurement**

File : TUV 8

Data #: 116

Date: 15/08/09

Time: 9:09:02



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: MID721-L DL718M

Mode: 11N 40M 2422

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit | Over     | Antenna Height | Table Degree |         |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dB    | Detector | cm             | degree       | Comment |
| 1   |     | 13359.00 | 51.48         | 0.96           | 52.44        | 74.00 | -21.56   | peak           |              |         |
| 2   | *   | 13359.00 | 35.88         | 0.96           | 36.84        | 54.00 | -17.16   | AVG            |              |         |

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

Operator: KK

File : TUV 8\Data #: 116

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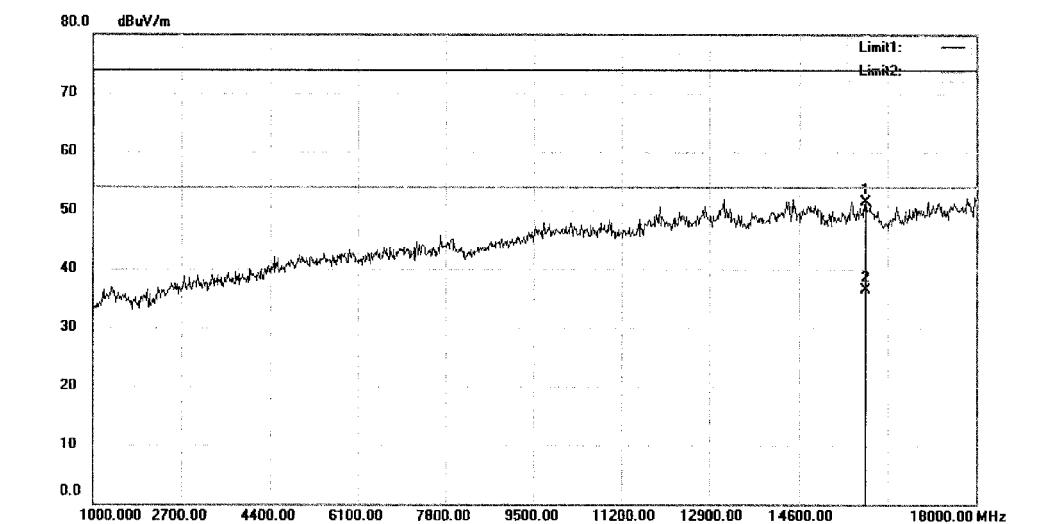
**Radiated Emission Measurement**

File : TUV 8

Data #: 117

Date: 15/08/09

Time: 9:09:31



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: MID721-L DL718M

Mode: 11N 40M 2437

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit | Over     | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dB    | Detector | cm             | degree       |         |
| 1   |     | 15875.00 | 52.34         | -0.83          | 51.51        | 74.00 | -22.49   | peak           |              |         |
| 2   | *   | 15875.00 | 37.37         | -0.83          | 36.54        | 54.00 | -17.46   | AVG            |              |         |

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

Operator: KK

File : TUV 8\Data :#117

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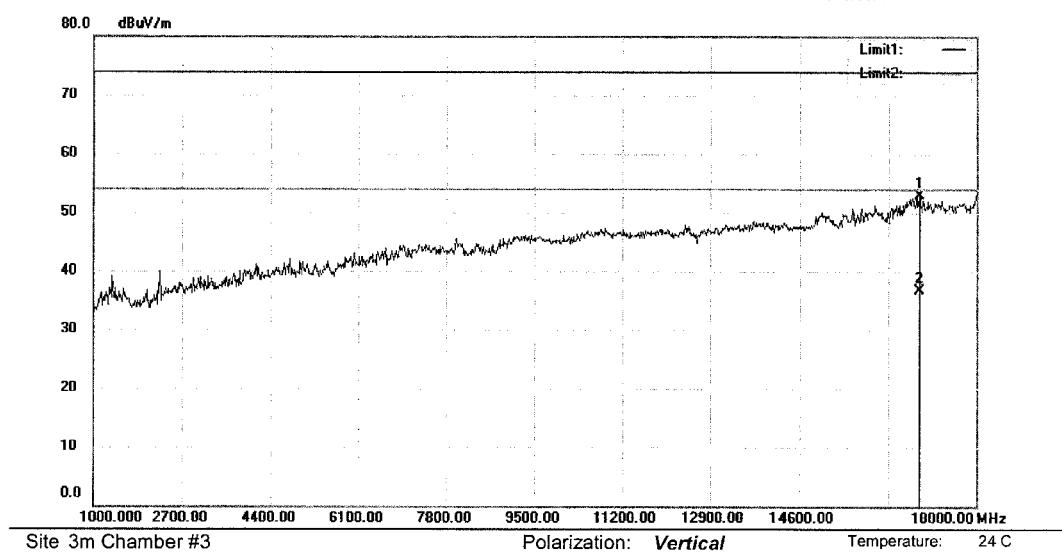

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #: 118

Date: 15/08/09/

Time: 9:09:44



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: MID721-L DL718M

Mode: 11N 40M 2437

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit | Over     | Antenna Height | Table Degree |         |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dB    | Detector | cm             | degree       | Comment |
| 1   |     | 16895.00 | 50.57         | 2.41           | 52.98        | 74.00 | -21.02   | peak           |              |         |
| 2 * |     | 16895.00 | 34.35         | 2.41           | 36.76        | 54.00 | -17.24   | AVG            |              |         |

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

Operator: KK

File : TUV 8\ Data #: 118

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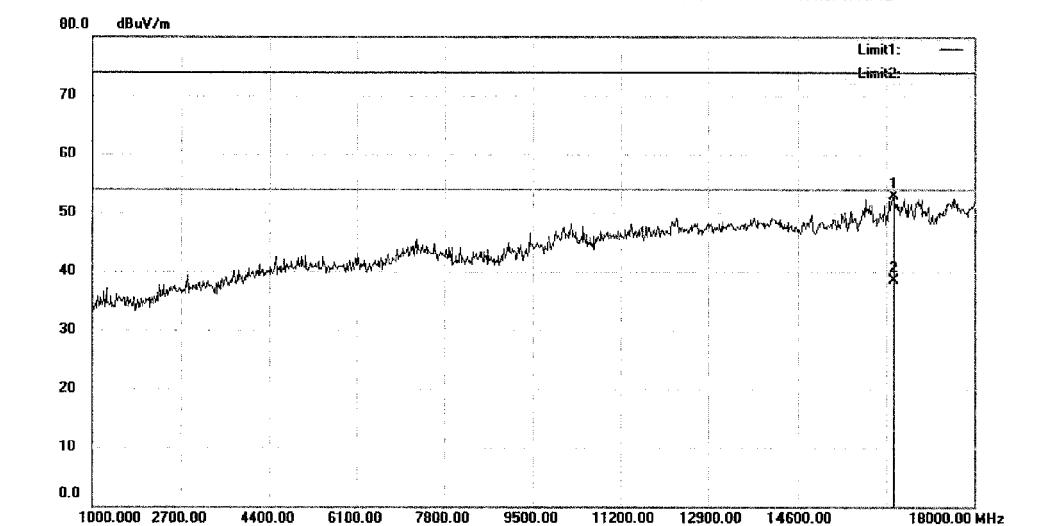
**Radiated Emission Measurement**

File : TUV 8

Data #: 119

Date: 15/08/09/

Time: 9/10/12



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: MID721-L DL718M

Mode: 11N 40M 2452

Note:

| No. | Mk. | Freq.    | Reading | Correct | Measure- | Limit | Over     | Antenna | Table  |         |
|-----|-----|----------|---------|---------|----------|-------|----------|---------|--------|---------|
|     |     |          | Level   | Factor  | ment     |       |          |         |        | Degree  |
|     |     | MHz      | dBuV    | dB      | dBuV/m   | dB    | Detector | cm      | degree | Comment |
| 1   |     | 16453.00 | 52.43   | 0.57    | 53.00    | 74.00 | -21.00   | peak    |        |         |
| 2   | *   | 16453.00 | 37.95   | 0.57    | 38.52    | 54.00 | -15.48   | AVG     |        |         |

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

Operator: KK

File : TUV 8\ Data #: 119

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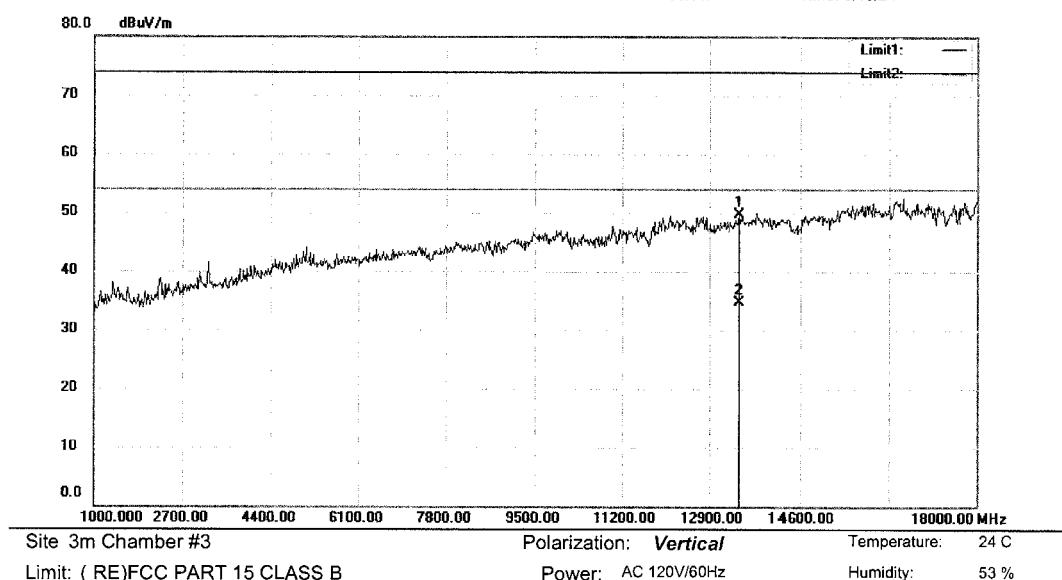

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #: 120

Date: 15/08/09/

Time: 9:10:24



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: MID721-L DL718M

Mode: 11N 40M 2452

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit | Over     | Antenna Height | Table Degree |         |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dB    | Detector | cm             | degree       | Comment |
| 1   |     | 13478.00 | 48.19         | 1.50           | 49.69        | 74.00 | -24.31   | peak           |              |         |
| 2   | *   | 13478.00 | 33.28         | 1.50           | 34.78        | 54.00 | -19.22   | AVG            |              |         |

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

Operator: KK

File : TUV 8\Data #: 120

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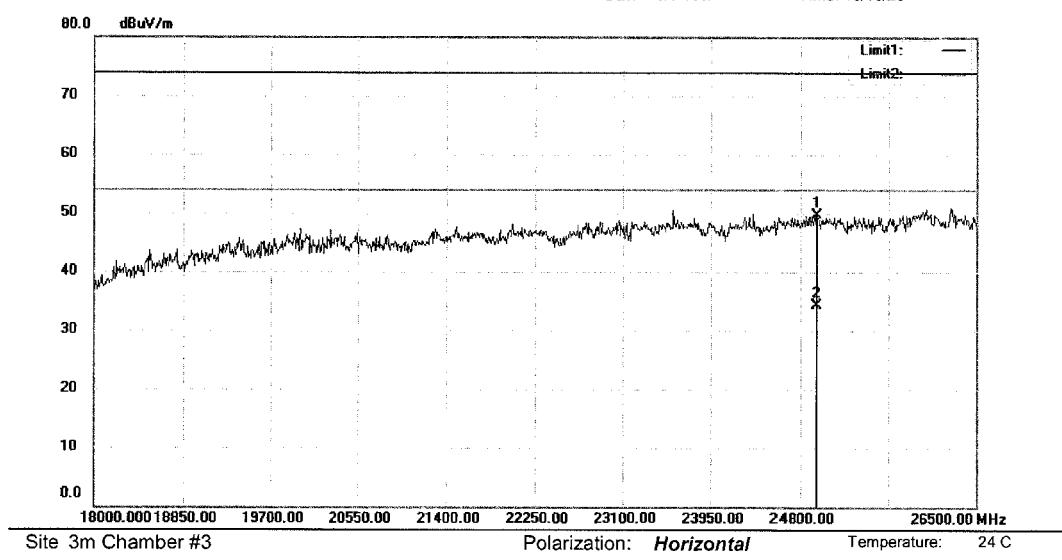
**Radiated Emission Measurement**

File : TUV 8

Data #: 139

Date: 15/08/09/

Time: 10:10:25



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: MID721-L DL718M

Mode: 11N 40M 2422

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   |     | 24953.00 | 86.71         | -37.02         | 49.69        | 74.00  | -24.31 | peak           |              |
| 2 * |     | 24953.00 | 71.31         | -37.02         | 34.29        | 54.00  | -19.71 | AVG            |              |

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

Operator: KK

File : TUV 8\ Data #: 139

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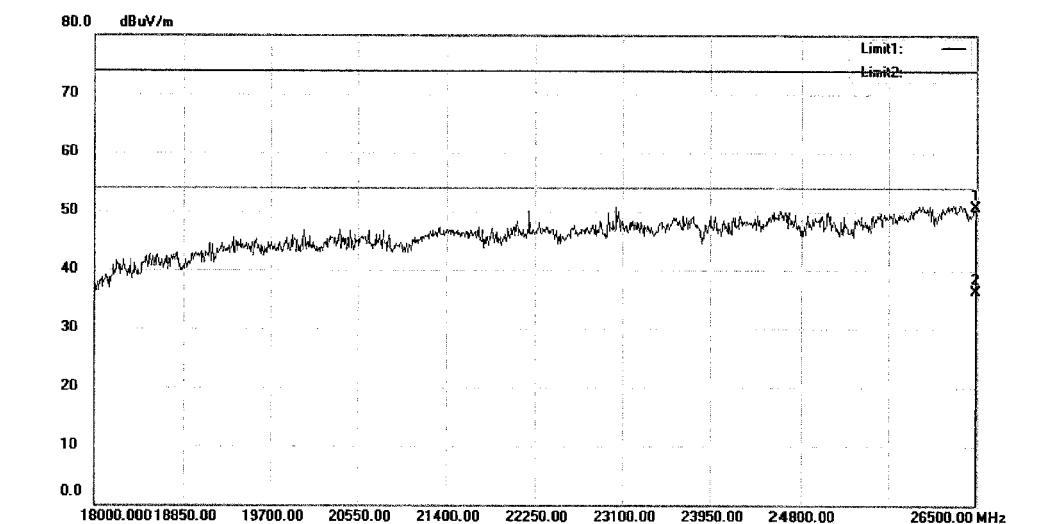
**Radiated Emission Measurement**

File : TUV 8

Data #: 140

Date: 15/08/09/

Time: 10:10:28



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: MID721-L DL718M

Mode: 11N 40M 2422

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit | Over     | Antenna Height | Table Degree |         |
|-----|-----|----------|---------------|----------------|--------------|-------|----------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dB    | Detector | cm             | degree       | Comment |
| 1   |     | 26491.50 | 85.87         | -35.19         | 50.68        | 74.00 | -23.32   | peak           |              |         |
| 2 * |     | 26491.50 | 71.40         | -35.19         | 36.21        | 54.00 | -17.79   | AVG            |              |         |

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

Operator: KK

File : TUV 8\ Data #: 140

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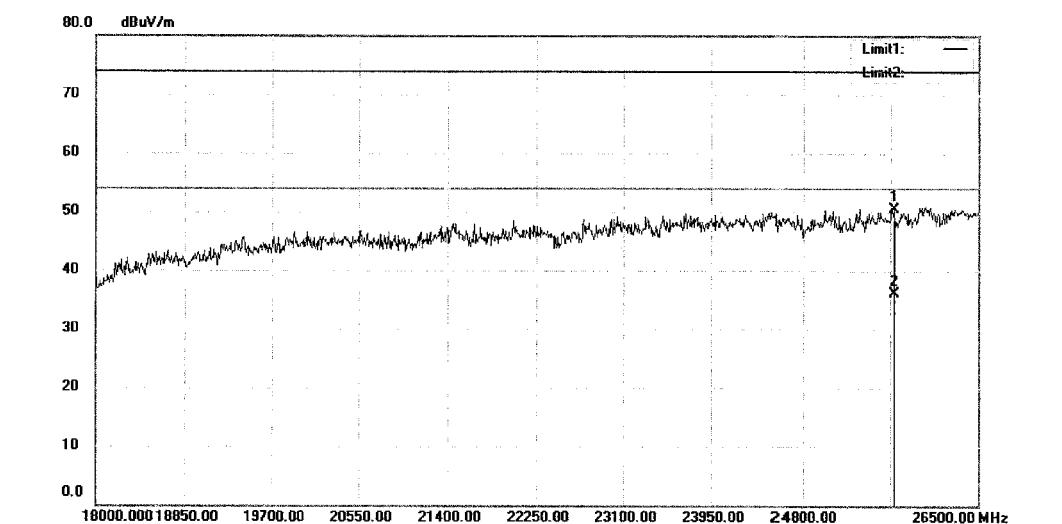

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #: #141

Date: 15/08/09/

Time: 10:10:32



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: MID721-L DL718M

Mode: 11N 40M 2437

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dB | Over   | Antenna<br>Height<br>cm | Table<br>Degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-------------|--------|-------------------------|-----------------|---------|
| 1   |     | 25684.00     | 86.76                    | -36.18                  | 50.58                      | 74.00       | -23.42 | peak                    |                 |         |
| 2   | *   | 25684.00     | 72.37                    | -36.18                  | 36.19                      | 54.00       | -17.81 | AVG                     |                 |         |

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

Operator: KK

File : TUV 8\Data .#141

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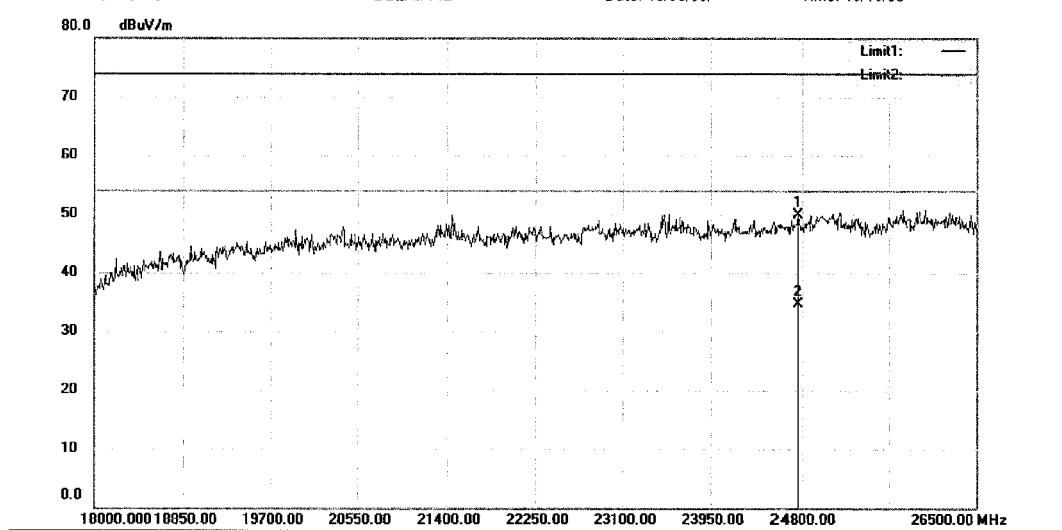

**Radiated Emission Measurement**

File : TUV 8

Data #: 142

Date: 15/08/09/

Time: 10:10:35



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: MID721-L DL718M

Mode: 11N 40M 2437

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dB | Over   | Antenna<br>Height<br>cm | Table<br>Degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-------------|--------|-------------------------|-----------------|---------|
| 1   |     | 24757.50     | 86.87                    | -37.04                  | 49.83                      | 74.00       | -24.17 | peak                    |                 |         |
| 2 * |     | 24757.50     | 71.72                    | -37.04                  | 34.68                      | 54.00       | -19.32 | AVG                     |                 |         |

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

Operator: KK

File : TUV 8\ Data #: 142

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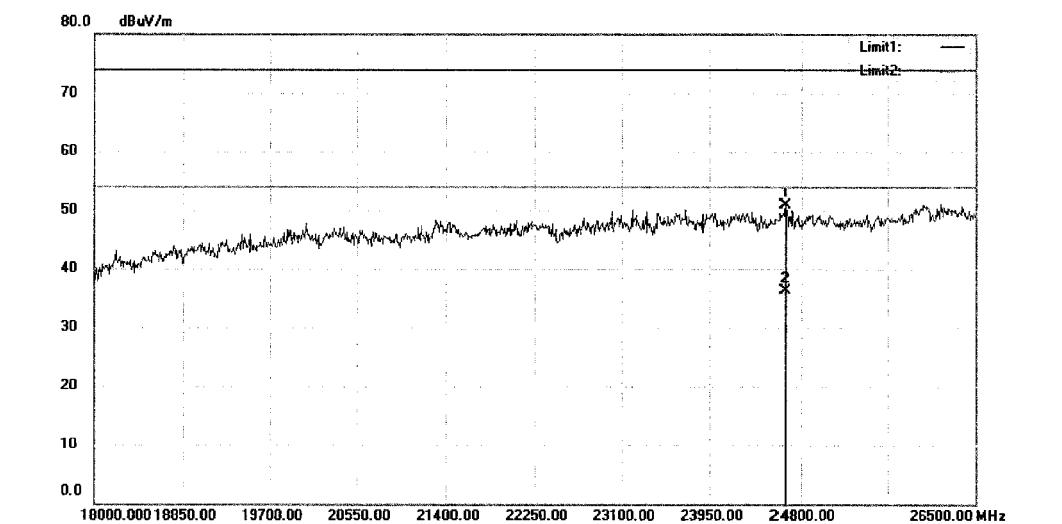
## Radiated Emission Measurement

File : TUV 8

Data #: 143

Date: 15/08/09

Time: 10:10:40



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: MID721-L DL718M

Mode: 11N 40M 2452

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dB | Over   | Antenna<br>Height<br>cm | Table<br>Degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-------------|--------|-------------------------|-----------------|---------|
| 1   |     | 24647.00     | 88.05                    | -37.05                  | 51.00                      | 74.00       | -23.00 | peak                    |                 |         |
| 2 * |     | 24647.00     | 73.28                    | -37.05                  | 36.23                      | 54.00       | -17.77 | AVG                     |                 |         |

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

Operator: KK

File : TUV 8\ Data #: 143

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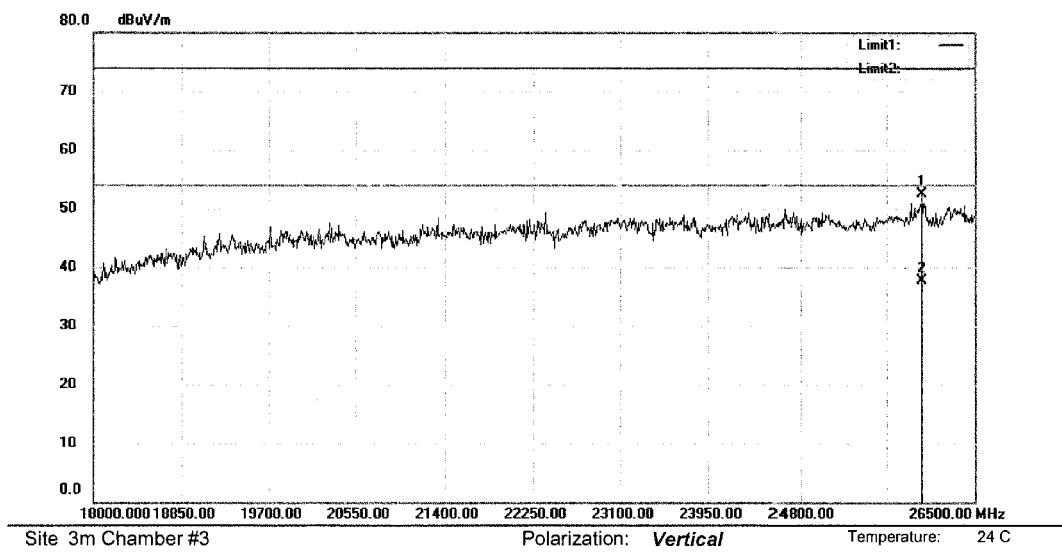

**Radiated Emission Measurement**

File :TUV 8

Data #:144

Date: 15/08/09/

Time: 10:10:42



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: MID721-L DL718M

Mode:11N 40M 2452

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 | Comment |
| 1   |     | 25998.50 | 88.37         | -35.79         | 52.58        | 74.00  | -21.42 | peak           |              |        |         |
| 2   | *   | 25998.50 | 73.42         | -35.79         | 37.63        | 54.00  | -16.37 | AVG            |              |        |         |

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

Operator: KK

File :TUV 8\ Data #:144

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**Test Plot of Band Edge**

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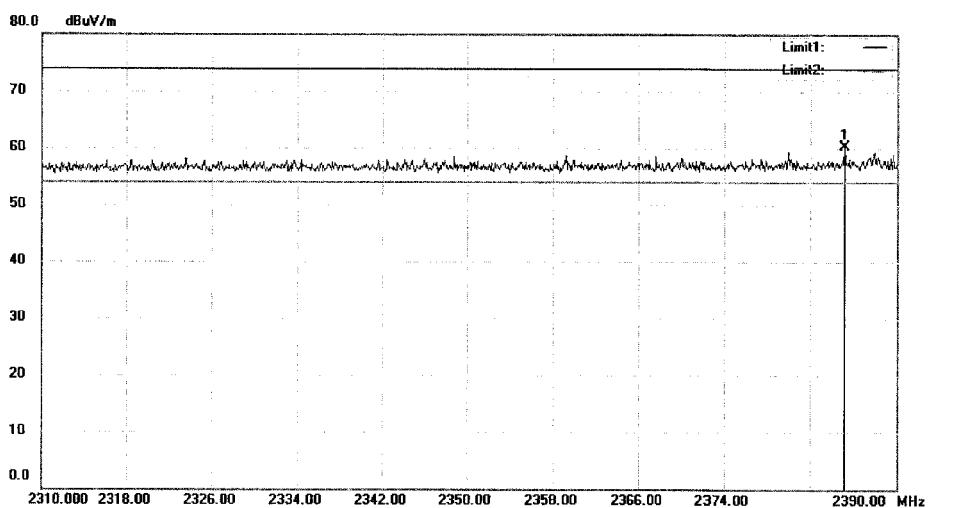
**Radiated Emission Measurement**

File :TUV 8

Data #195

Date: 15/08/08/

Time: 14:04:47



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: MID721-L DL718M

Mode:11B 2412

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 | Comment |
| 1   | *   | 2385.120 | 30.00         | 30.25          | 60.25        | 74.00  | -13.75 | peak           |              |        |         |

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

Operator: KK

File :TUV 8|Data .#195

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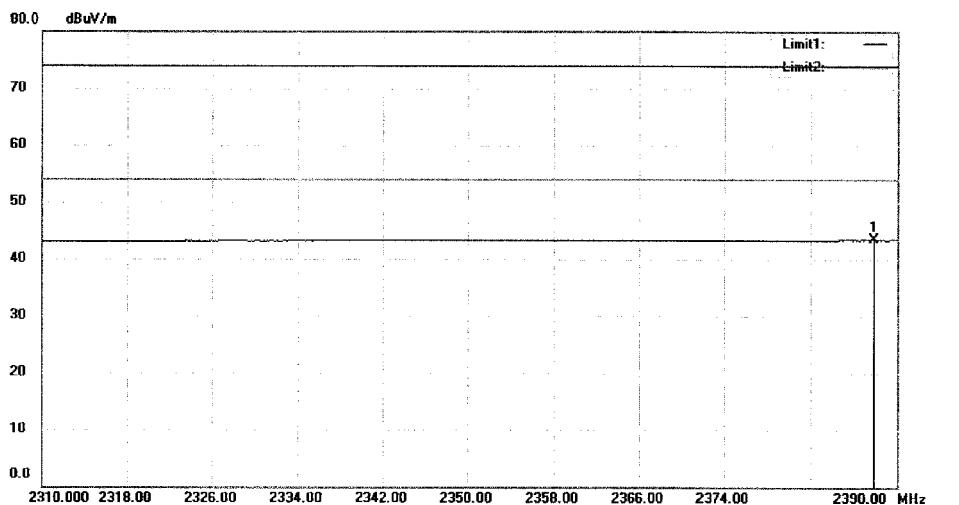

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data #196

Date: 15/08/08/

Time: 14/05/21



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: MID721-L DL718M

Mode: 11B 2412

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree | Comment |  |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|--|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector       | cm           | degree  |  |
| 1   | *   | 2387.840 | 13.28         | 30.27          | 43.55        | 54.00  | -10.45 | AVG            |              |         |  |

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

Operator: KK

File : TUV 8|Data :#196

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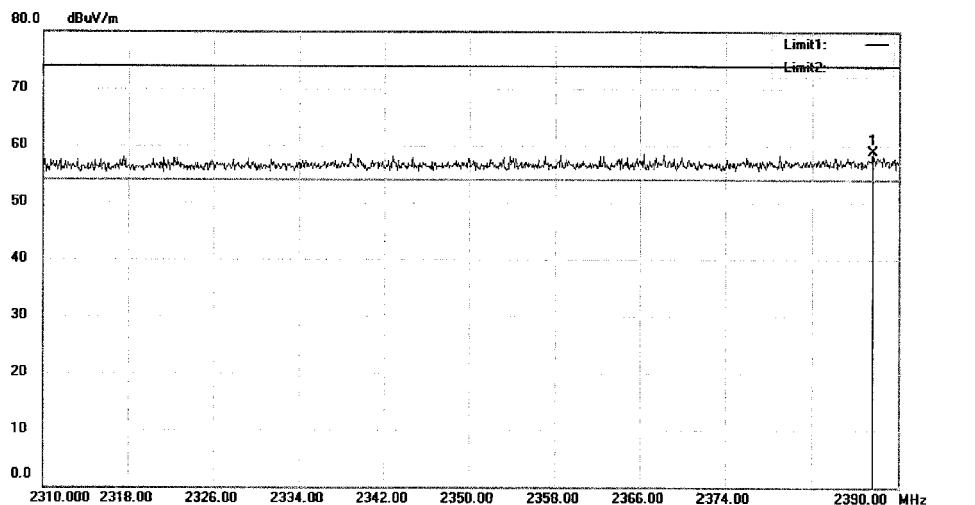
### Radiated Emission Measurement

File : TUV 8

Data #193

Date: 15/08/08/

Time: 14/01/58



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: MID721-L DL718M

Mode: 11B 2412

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 | Comment |
| 1   | *   | 2387.600 | 28.60         | 30.27          | 58.87        | 74.00  | -15.13 | peak           |              |        |         |

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

Operator: KK

File : TUV 8|Data #193

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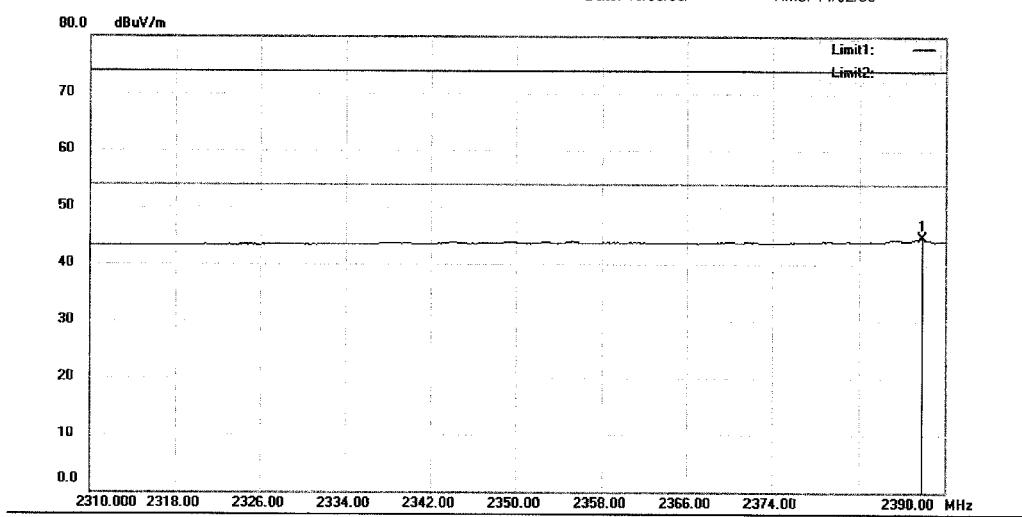
**Radiated Emission Measurement**

File :TUV 8

Data #194

Date: 15/08/08/

Time: 14/02/36



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: MID721-L DL718M

Mode:11B 2412

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    | Comment |
| 1   | *   | 2387.840 | 14.41         | 30.27          | 44.68         | 54.00  | -9.32 | AVG            |              |         |

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

Operator: KK

File :TUV 8|Data :#194

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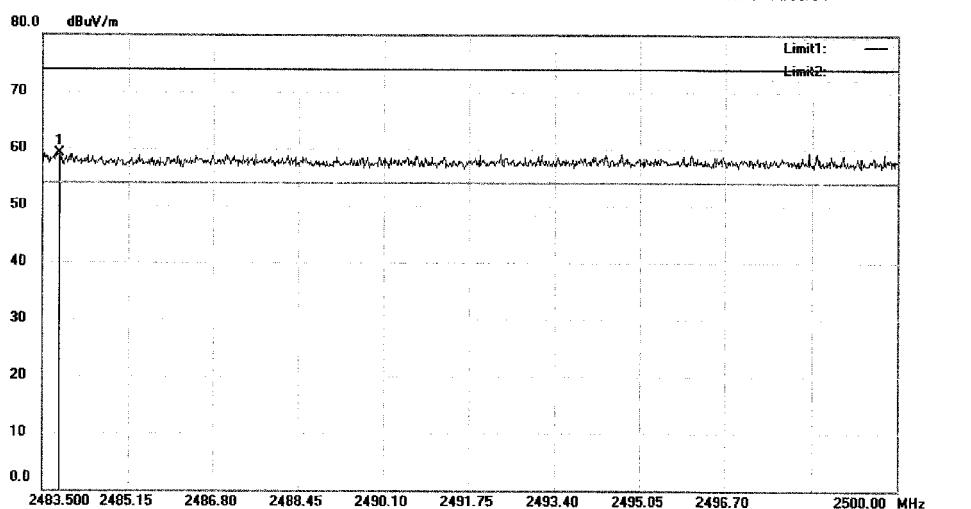
**Radiated Emission Measurement**

File :TUV 8

Data :#197

Date: 15/08/08/

Time: 14/08/04



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: MID721-L DL718M

Mode:11B 2462

Note:

| No. | Mk. | Freq.    | Reading | Correct | Measure- | Limit | Over     | Antenna | Table  |         |
|-----|-----|----------|---------|---------|----------|-------|----------|---------|--------|---------|
|     |     |          | Level   | Factor  | ment     |       |          | Height  | Degree |         |
|     |     | MHz      | dBuV    | dB      | dBuV/m   | dB    | Detector | cm      | degree | Comment |
| 1   | *   | 2483.814 | 28.40   | 30.70   | 59.10    | 74.00 | -14.90   | peak    |        |         |

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

Operator: KK

File :TUV 8|Data :#197

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**Produkte**  
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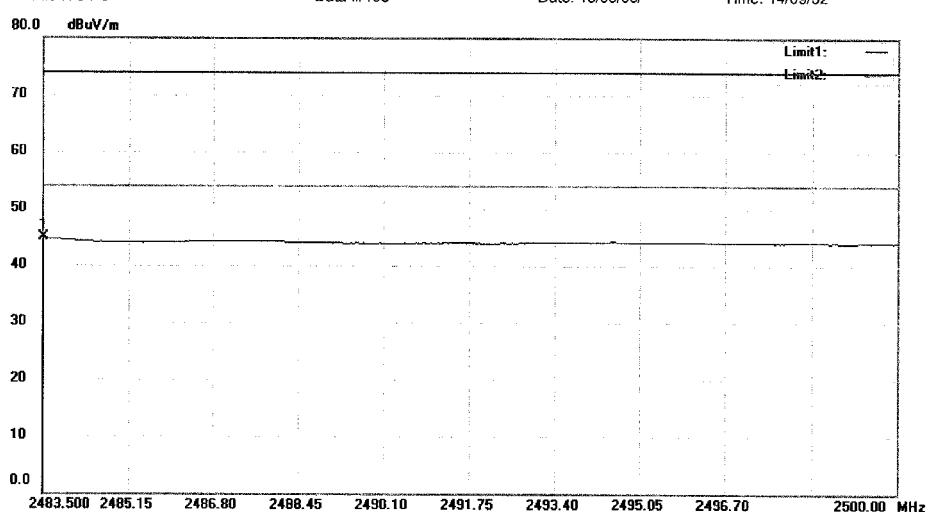
**Radiated Emission Measurement**

File :TUV 8

Data #198

Date: 15/08/08/

Time: 14/09/32



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: MID721-L DL718M

Mode:11B 2462

Note:

| No. | Mk. | Freq.    | Reading | Correct | Measure- | Limit | Over     | Antenna | Table  |         |
|-----|-----|----------|---------|---------|----------|-------|----------|---------|--------|---------|
|     |     |          | Level   | Factor  | ment     |       |          | Height  | Degree |         |
|     |     | MHz      | dBuV    | dB      | dBuV/m   | dB    | Detector | cm      | degree | Comment |
| 1   | *   | 2483.500 | 14.16   | 30.70   | 44.86    | 54.00 | -9.14    | AVG     |        |         |

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

Operator: KK

File :TUV 8\Data #198

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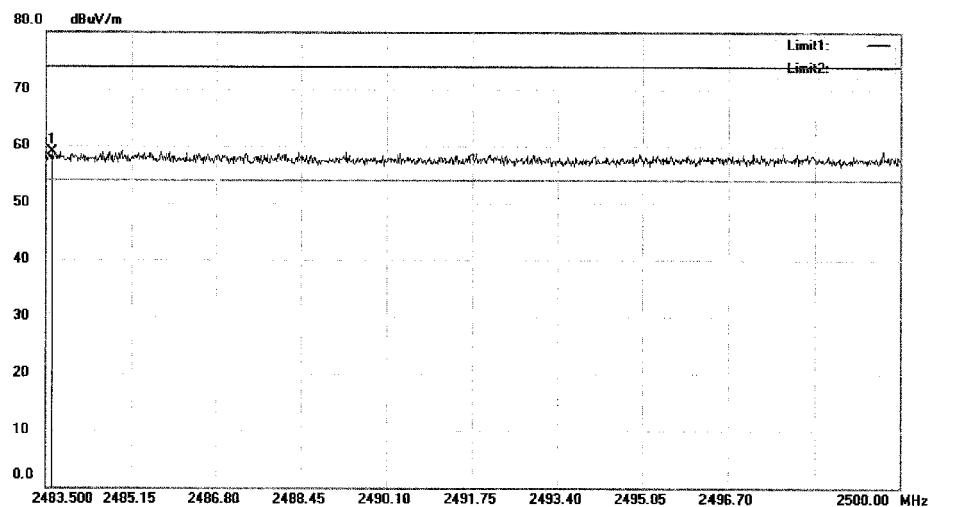
**Radiated Emission Measurement**

File :TUV 8

Data #199

Date: 15/08/08/

Time: 14:10:59



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: MID721-L DL718M

Mode:11B 2462

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 | Comment |
| 1   | *   | 2483.615 | 28.30         | 30.70          | 59.00         | 74.00  | -15.00 | peak           |              |        |         |

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

Operator: KK

File :TUV 8|Data #199

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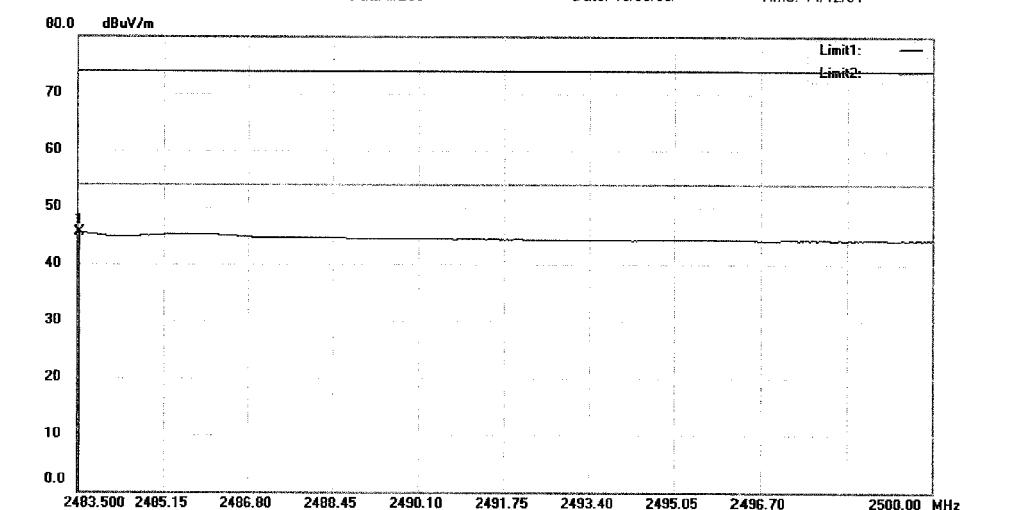
**Radiated Emission Measurement**

File :TUV 8

Data #:200

Date: 15/08/08/

Time: 14/12/01



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: MID721-L DL718M

Mode:11B 2462

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    | Comment |
| 1   | *   | 2483.533 | 14.79         | 30.70          | 45.49        | 54.00  | -8.51 | AVG            |              |         |

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

Operator: KK

File :TUV 8|Data :#200

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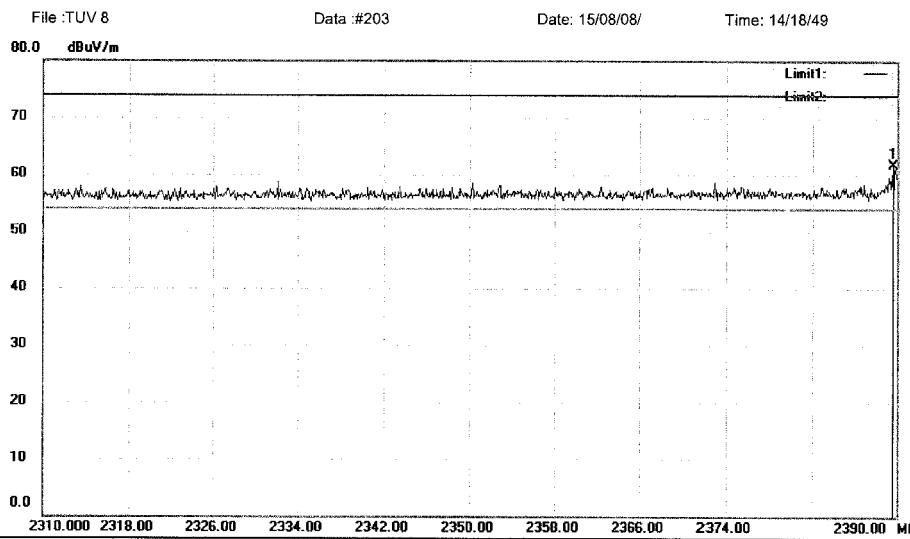
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**Radiated Emission Measurement**



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: MID721-L DL718M

Mode:11G 2412

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector       | cm           | degree  |
| 1   | *   | 2389.600 | 31.45         | 30.27          | 61.72        | 74.00  | -12.28 | peak           |              |         |

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

Operator: KK

File :TUV 8>Data #203

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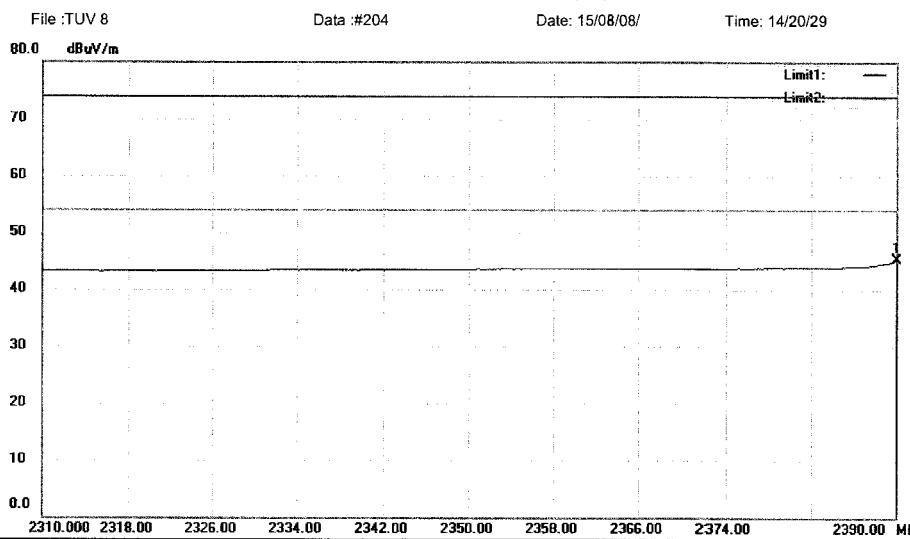
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**Radiated Emission Measurement**



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: MID721-L DL718M

Mode:11G 2412

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   | *   | 2390.000 | 15.01         | 30.28          | 45.29        | 54.00  | -8.71 | AVG            |              |

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

Operator: KK

File :TUV 8>Data #:204

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Access to the World

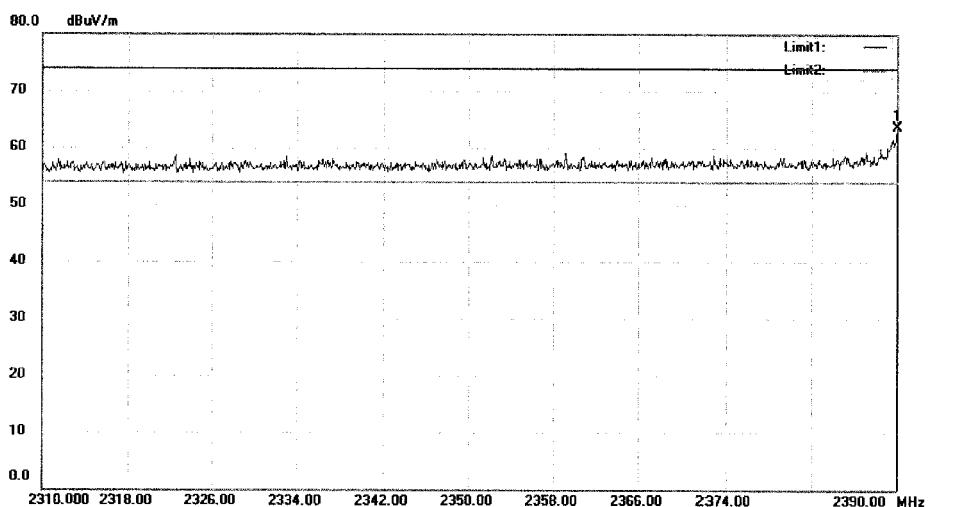
## Radiated Emission Measurement

File : TUV 8

Data #201

Date: 15/08/08/

Time: 14/15/15



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: MID721-L DL718M

Mode:11G 2412

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 | Comment |
| 1   | *   | 2390.000 | 33.45         | 30.28          | 63.73        | 74.00  | -10.27 | peak           |              |        |         |

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

Operator: KK

File : TUV 8\Data #201

Page: 1

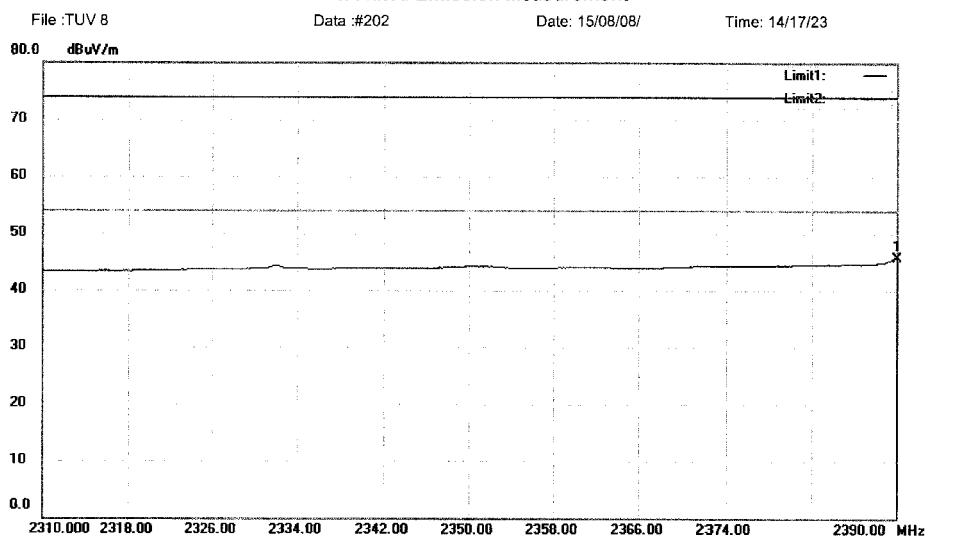
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**Radiated Emission Measurement**



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: MID721-L DL718M  
 Mode:11G 2412  
 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 | Comment |
| 1   | *   | 2390.000 | 15.47         | 30.28          | 45.75        | 54.00  | -8.25 | AVG            |              |        |         |

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

Operator: KK

File :TUV 8\Data .#202

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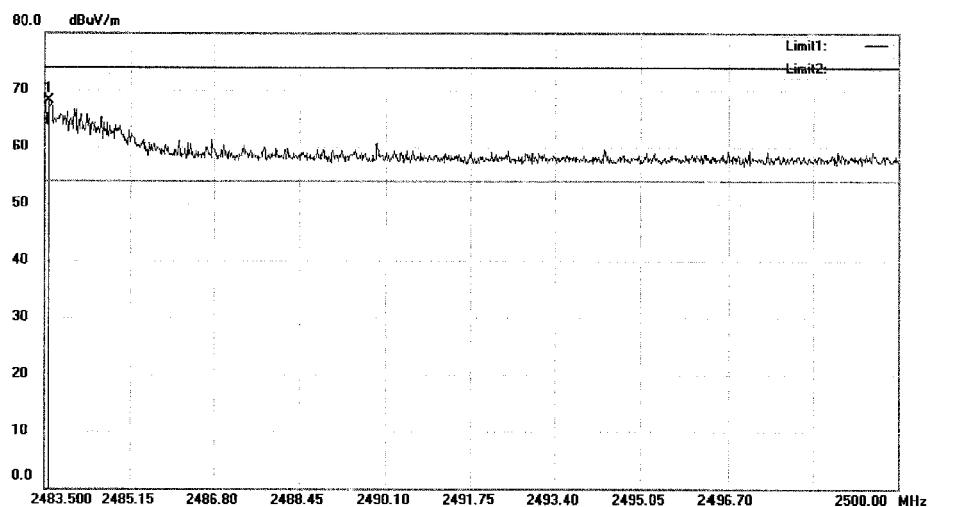

**Radiated Emission Measurement**

File : TUV 8

Data #205

Date: 15/08/08/

Time: 14:23:24



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: MID721-L DL718M

Mode:11G 2462

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over  | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|--------------|--------|-------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB    | Detector       | cm           | degree  |
| 1   | *   | 2483.566 | 37.43         | 30.70          | 68.13        | 74.00  | -5.87 | peak           |              |         |

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

Operator: KK

File : TUV 8|Data :#205

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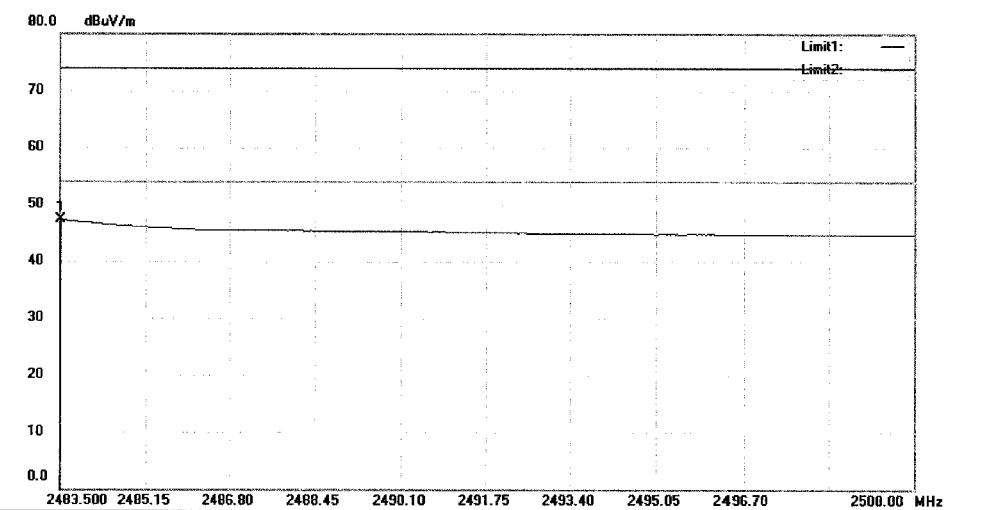
**Radiated Emission Measurement**

File :TUV 8

Data #206

Date: 15/08/08/

Time: 14:24:56



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: MID721-L DL718M

Mode:11G 2462

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 | Comment |
| 1   | *   | 2483.500 | 16.55         | 30.70          | 47.25        | 54.00  | -6.75 | AVG            |              |        |         |

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

Operator: KK

File :TUV 8!Data #206

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Access to the World

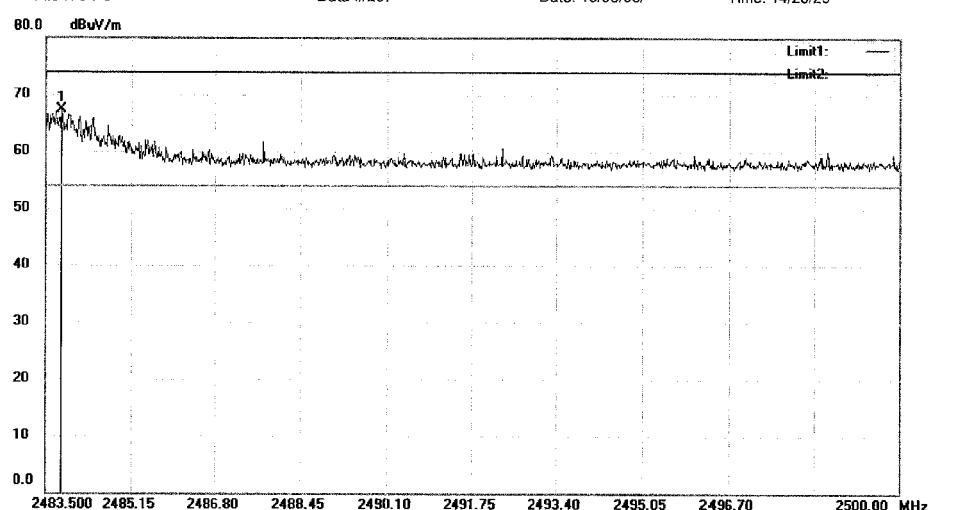
**Radiated Emission Measurement**

File : TUV 8

Data #207

Date: 15/08/08/

Time: 14:26:29



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: MID721-L DL718M

Mode: 11G 2462

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 | Comment |
| 1   | *   | 2483.797 | 36.61         | 30.70          | 67.31        | 74.00  | -6.69 | peak           |              |        |         |

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

Operator: KK

File : TUV 8\Data #207

Page: 1

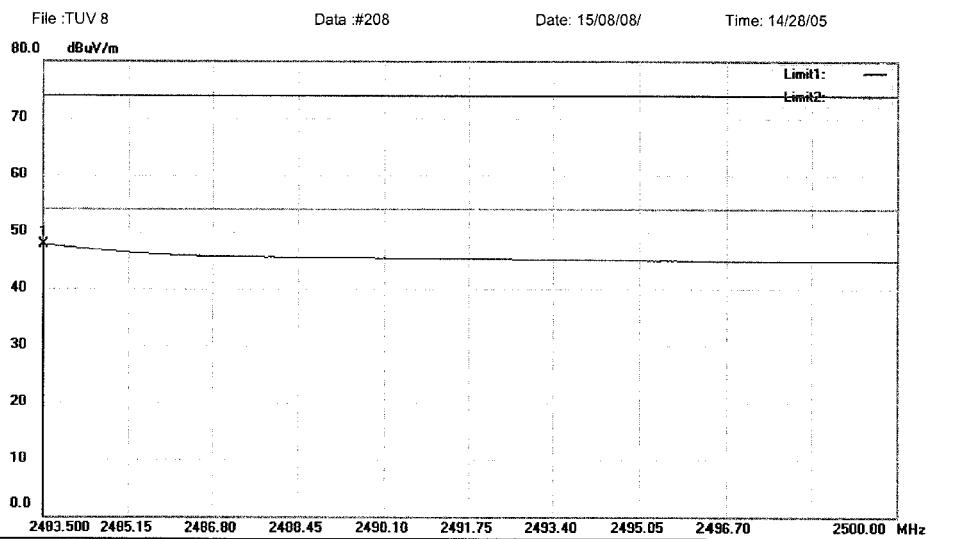
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**Radiated Emission Measurement**



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: MID721-L DL718M  
 Mode:11G 2462  
 Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over  | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|--------------|--------|-------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB    | Detector       | cm           | degree  |
| 1   | *   | 2483.500 | 17.09         | 30.70          | 47.79        | 54.00  | -6.21 | AVG            |              |         |

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

Operator: KK

File :TUV 8>Data #208

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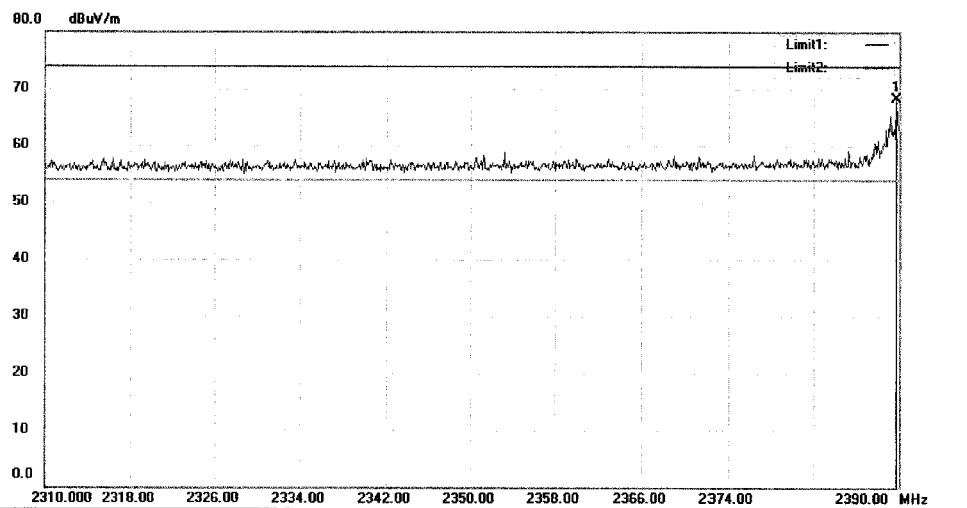
**Radiated Emission Measurement**

File :TUV 8

Data #211

Date: 15/08/08/

Time: 14:37:46



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: MID721-L DL718M

Mode:11N 20M 2412

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over  | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|--------------|--------|-------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB    | Detector       | cm           | degree  |
| 1   | *   | 2389.680 | 38.07         | 30.27          | 68.34        | 74.00  | -5.66 | peak           |              |         |

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

Operator: KK

File :TUV 8\|Data #211

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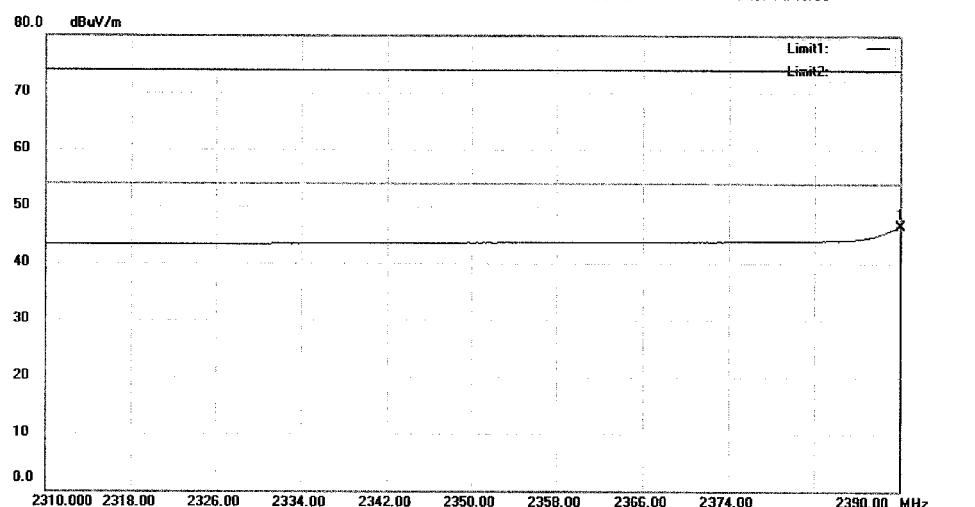
**Radiated Emission Measurement**

File : TUV 8

Data #212

Date: 15/08/08/

Time: 14:40:03



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: MID721-L DL718M

Mode: 11N 20M 2412

Note:

| No. | Mk. | Freq.    | Reading | Correct | Measure- | Limit | Over     | Antenna | Table  |         |
|-----|-----|----------|---------|---------|----------|-------|----------|---------|--------|---------|
|     |     |          | Level   | Factor  | ment     |       |          | Height  | Degree |         |
|     |     | MHz      | dBuV    | dB      | dBuV/m   | dB    | Detector | cm      | degree | Comment |
| 1   | *   | 2390.000 | 16.29   | 30.28   | 46.57    | 54.00 | -7.43    | AVG     |        |         |

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

Operator: KK

File : TUV 8\Data .#212

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Access to the World

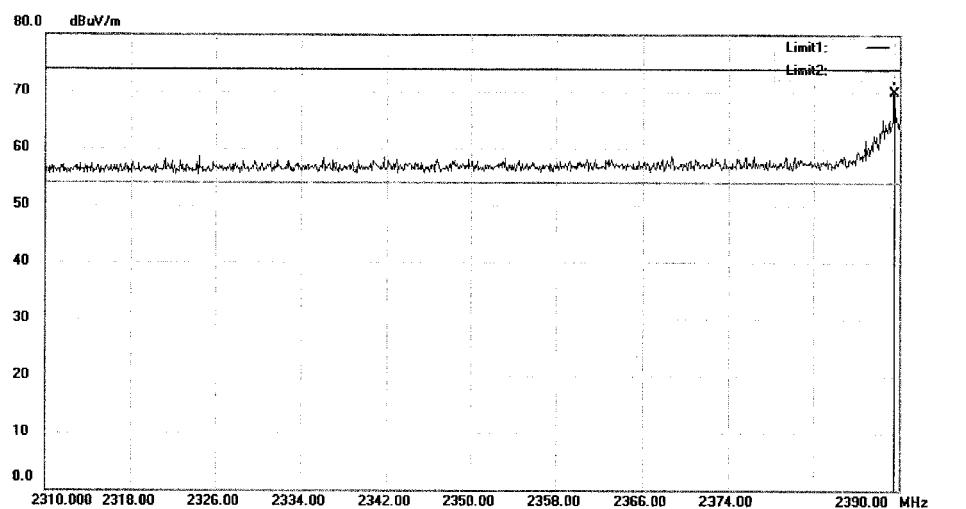
**Radiated Emission Measurement**

File :TUV 8

Data #:209

Date: 15/08/08/

Time: 14:34:02



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: MID721-L DL718M

Mode:11N 20M 2412

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 | Comment |
| 1   | *   | 2389.520 | 39.62         | 30.27          | 69.89        | 74.00  | -4.11 | peak           |              |        |         |

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

Operator: KK

File :TUV 8|Data #:209

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Access to the World

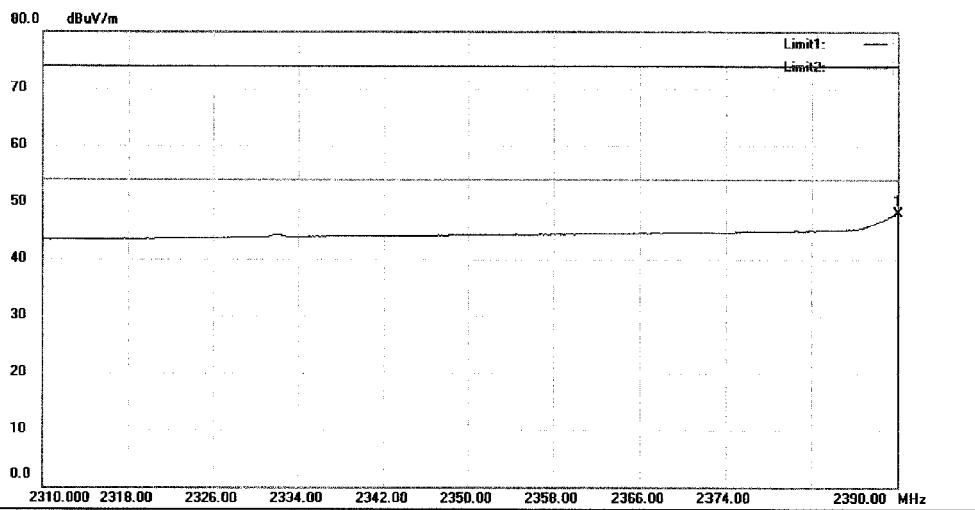
## Radiated Emission Measurement

File : TUV 8

Data #210

Date: 15/08/08/

Time: 14:36:25



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: MID721-L DL718M

Mode: 11N 20M 2412

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 | Comment |
| 1   | *   | 2390.000 | 17.91         | 30.28          | 48.19        | 54.00  | -5.81 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8|Data :#210

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Access to the World

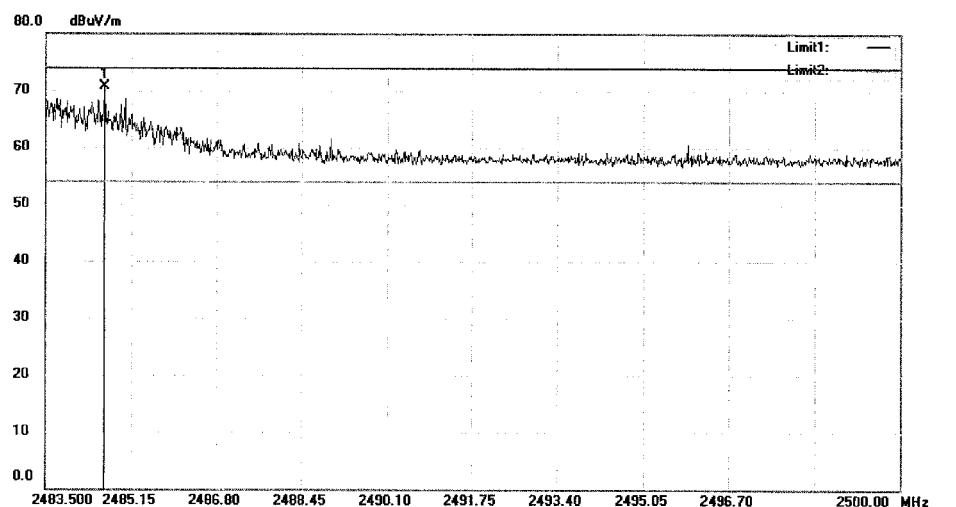
**Radiated Emission Measurement**

File :TUV 8

Data #:213

Date: 15/08/08/

Time: 14:42:51



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: MID721-L DL718M

Mode:11N 20M 2462

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 | Comment |
| 1   | *   | 2484.622 | 39.95         | 30.71          | 70.66        | 74.00  | -3.34 | peak           |              |        |         |

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

Operator: KK

File :TUV 8|Data #:213

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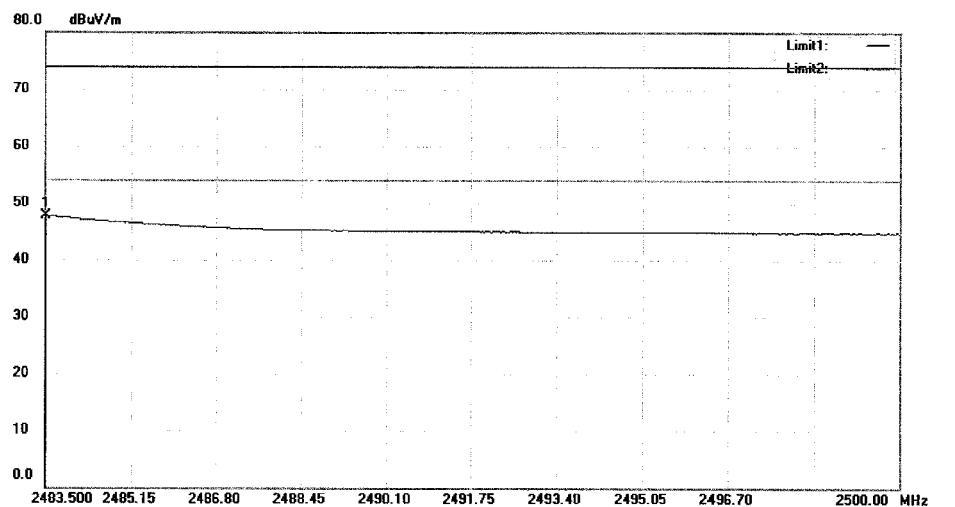

*Access to the World*
**Radiated Emission Measurement**

File :TUV 8

Data #:214

Date: 15/08/08/

Time: 14:43:57



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: MID721-L DL718M

Mode:11N 20M 2462

Note:

| No. | Mk. | Freq.    | Reading | Correct | Measure- | Limit  | Over  | Antenna  | Table  |        |         |
|-----|-----|----------|---------|---------|----------|--------|-------|----------|--------|--------|---------|
|     |     |          | Level   | Factor  | ment     |        |       | Height   | Degree |        |         |
|     |     | MHz      | dBuV    | dB      | dBuV/m   | dBuV/m | dB    | Detector | cm     | degree | Comment |
| 1   | *   | 2483.517 | 17.08   | 30.70   | 47.78    | 54.00  | -6.22 | AVG      |        |        |         |

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

Operator: KK

File :TUV 8\Data .#214

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Access to the World

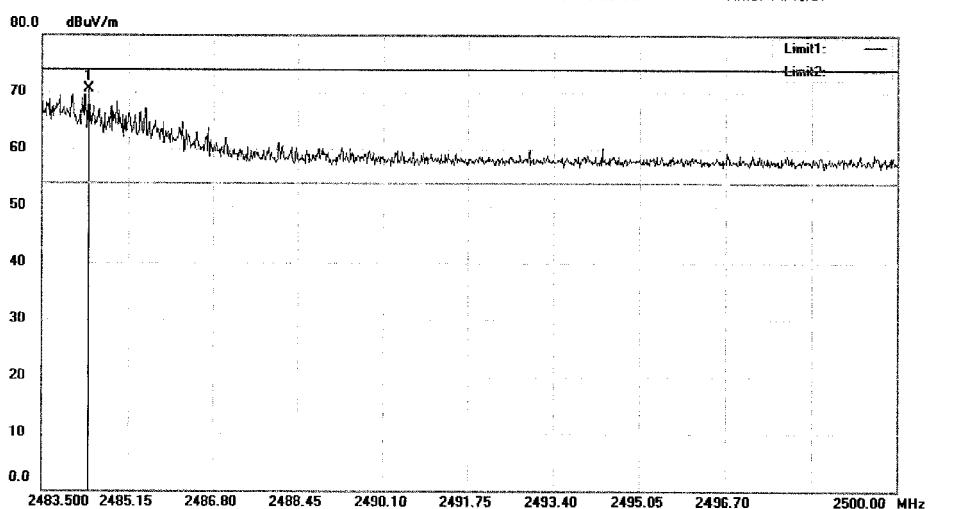
**Radiated Emission Measurement**

File :TUV 8

Data #215

Date: 15/08/08/

Time: 14:45:37



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: MID721-L DL718M

Mode:11N 20M 2462

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   | *   | 2484.391 | 39.72         | 30.71          | 70.43        | 74.00  | -3.57 | peak           |              |

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

Operator: KK

File :TUV 8\Data .#215

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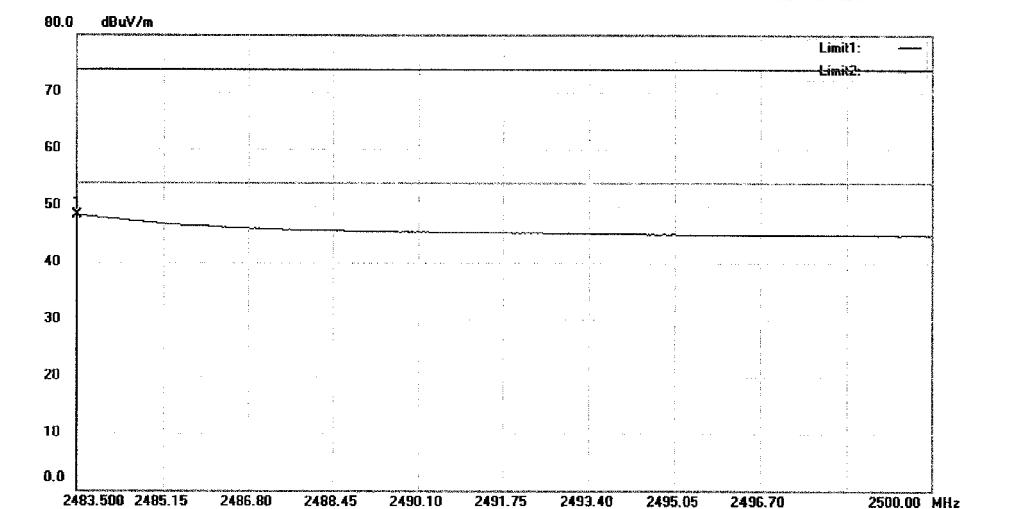

*Access to the World*
**Radiated Emission Measurement**

File : TUV 8

Data : #216

Date: 15/08/08/

Time: 14:47:50



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: MID721-L DL718M

Mode: 11N 20M 2462

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 | Comment |
| 1   | *   | 2483.500 | 17.67         | 30.70          | 48.37        | 54.00  | -5.63 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8|Data : #216

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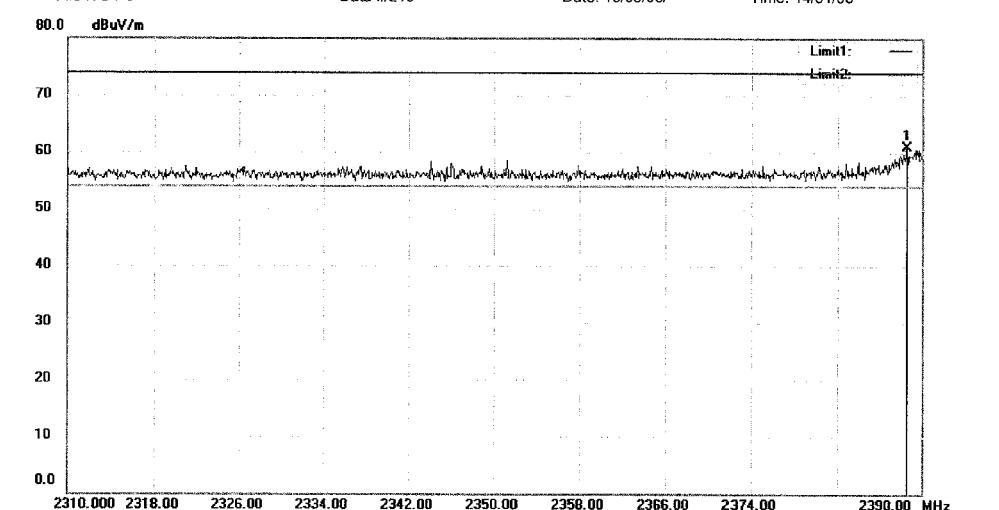
**Radiated Emission Measurement**

File :TUV 8

Data #:219

Date: 15/08/08/

Time: 14:51:08



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: MID721-L DL718M

Mode:11N 40M 2422

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 | Comment |
| 1   | *   | 2388.560 | 30.71         | 30.27          | 60.98        | 74.00  | -13.02 | peak           |              |        |         |

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

Operator: KK

File :TUV 8|Data :#219

Page: 1

# Prüfbericht - Nr.: 17051492 002

*Test Report No.*

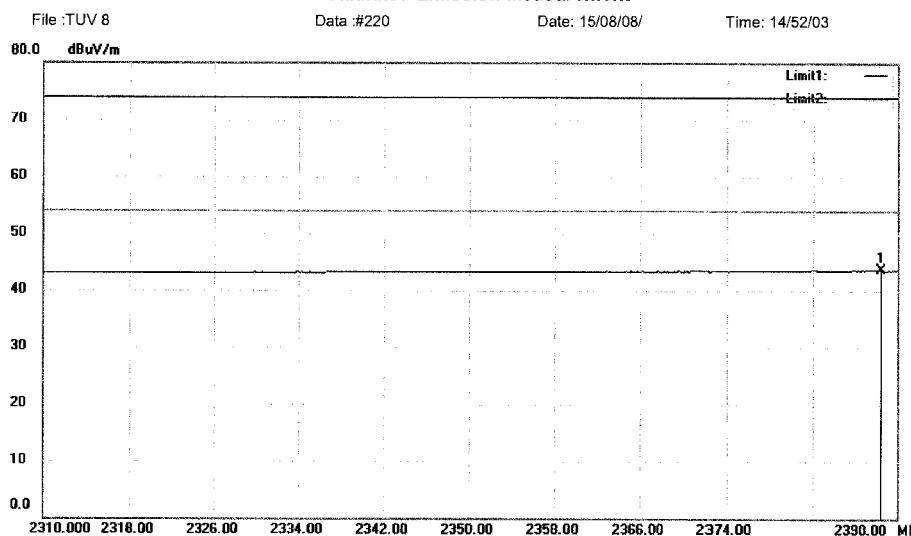
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## Radiated Emission Measurement



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: MID721-L DL718M  
 Mode: 11N 40M 2422  
 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 | Comment |
| 1   | *   | 2388.400 | 13.40         | 30.27          | 43.67        | 54.00  | -10.33 | AVG            |              |        |         |

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

Operator: KK

File : TUV 8>Data #220

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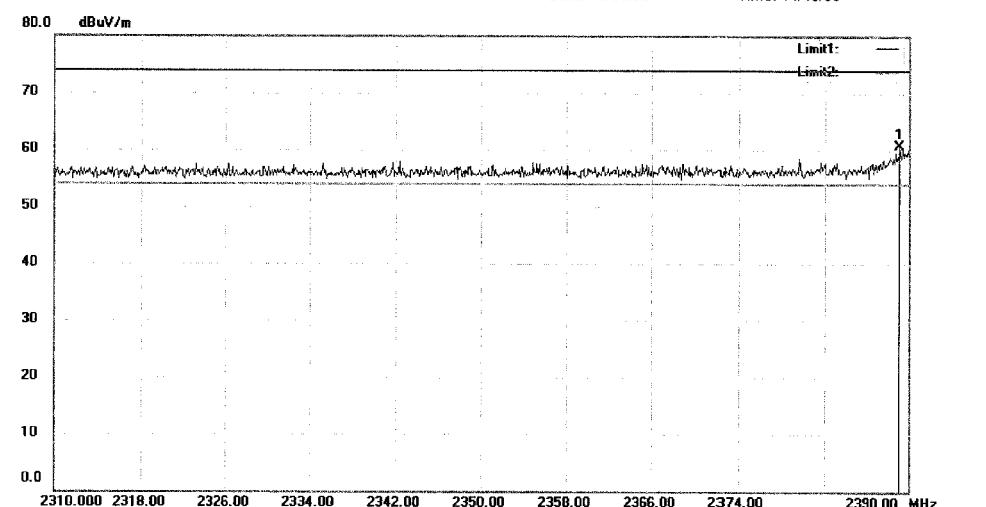
**Radiated Emission Measurement**

File :TUV 8

Data #217

Date: 15/08/08/

Time: 14:48:53



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: MID721-L DL718M

Mode:11N 40M 2422

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 | Comment |
| 1   | *   | 2389.120 | 30.36         | 30.27          | 60.63        | 74.00  | -13.37 | peak           |              |        |         |

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

Operator: KK

File :TUV 8\Data #217

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**Radiated Emission Measurement**

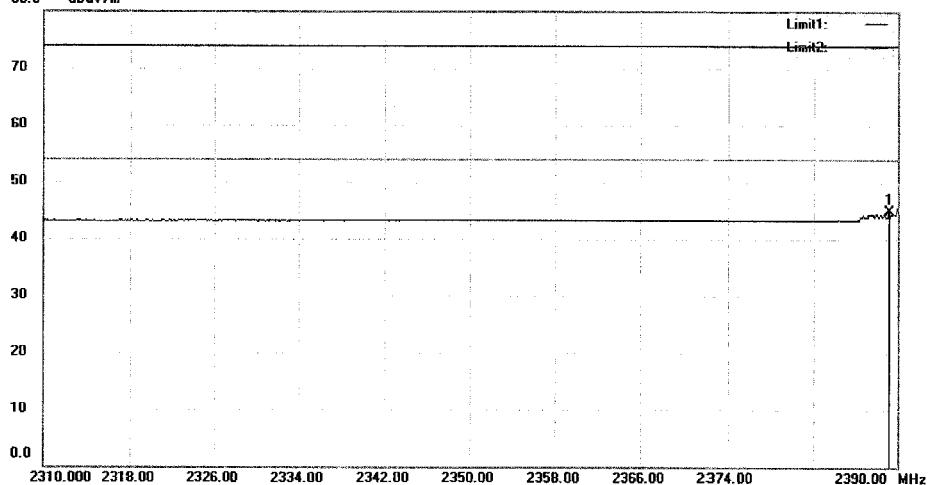
File :TUV 8

Data #:218

Date: 15/08/08/

Time: 14:49:46

80.0 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: MID721-L DL718M

Mode:11N 40M 2422

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 | Comment |
| 1   | *   | 2389.200 | 14.63         | 30.27          | 44.90        | 54.00  | -9.10 | AVG            |              |        |         |

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

Operator: KK

File :TUV 8|Data :#218

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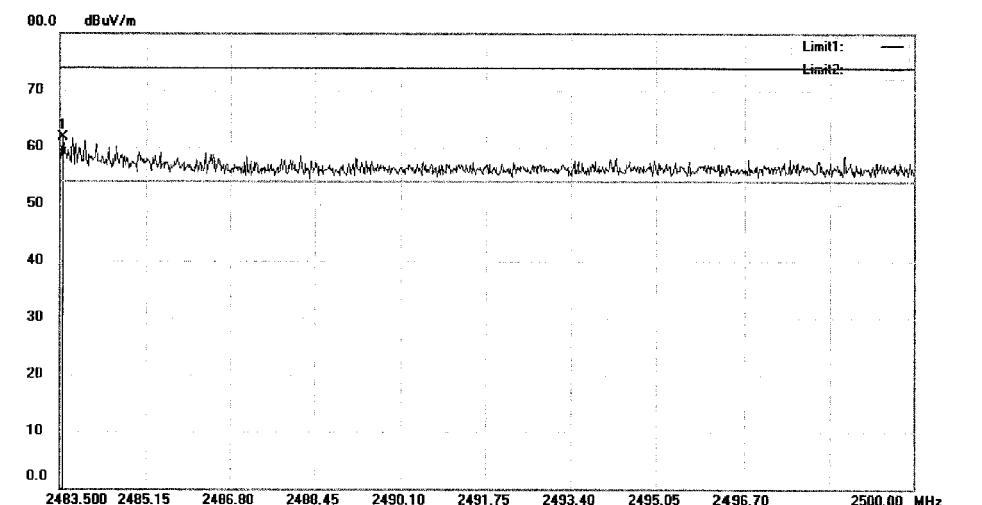
**Radiated Emission Measurement**

File :TUV 8

Data :#221

Date: 15/08/08/

Time: 14:53:18



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: MID721-L DL718M

Mode:11N 40M 2452

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 | Comment |
| 1   | *   | 2483.550 | 31.00         | 30.70          | 61.70        | 74.00  | -12.30 | peak           |              |        |         |

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

Operator: KK

File :TUV 8|Data :#221

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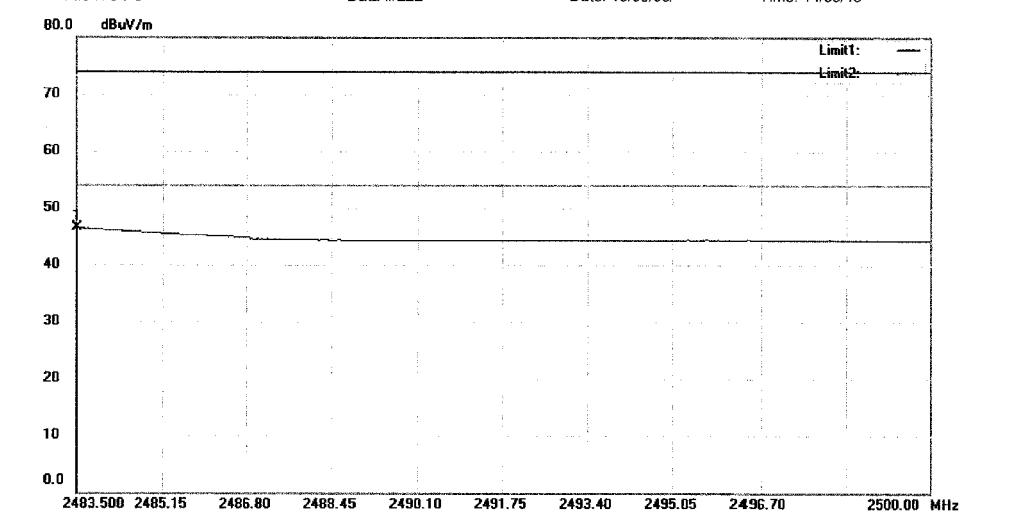
**Radiated Emission Measurement**

File :TUV 8

Data :#222

Date: 15/08/08/

Time: 14:55:45



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: MID721-L DL718M

Mode:11N 40M 2452

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 | Comment |
| 1   | *   | 2483.500 | 15.84         | 30.70          | 46.54        | 54.00  | -7.46 | AVG            |              |        |         |

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

Operator: KK

File :TUV 8\Data :#222

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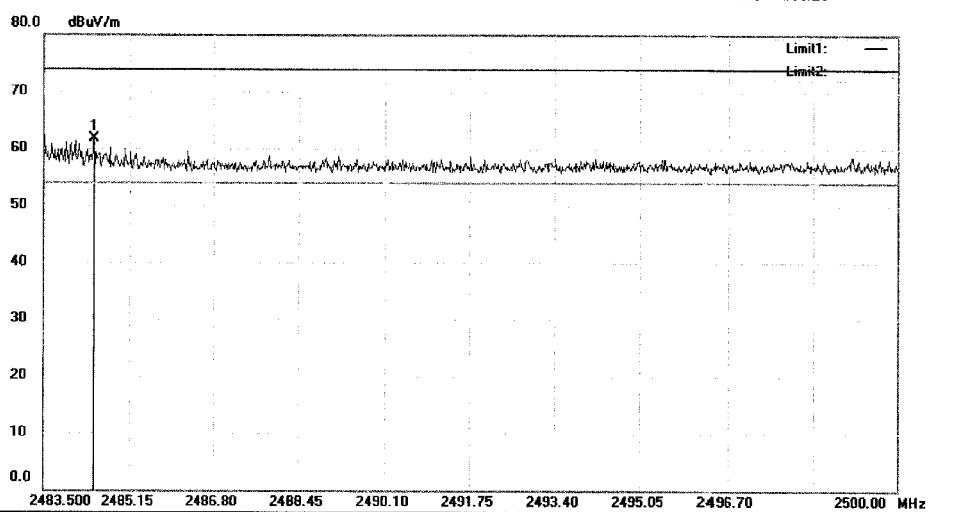
**Radiated Emission Measurement**

File :TUV 8

Data #:223

Date: 15/08/08/

Time: 14:56:26



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: MID721-L DL718M

Mode:11N 40M 2452

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 | Comment |
| 1   | *   | 2484.457 | 30.92         | 30.71          | 61.63         | 74.00  | -12.37 | peak           |              |        |         |

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

Operator: KK

File :TUV 8\|Data .#223

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Test Report No.

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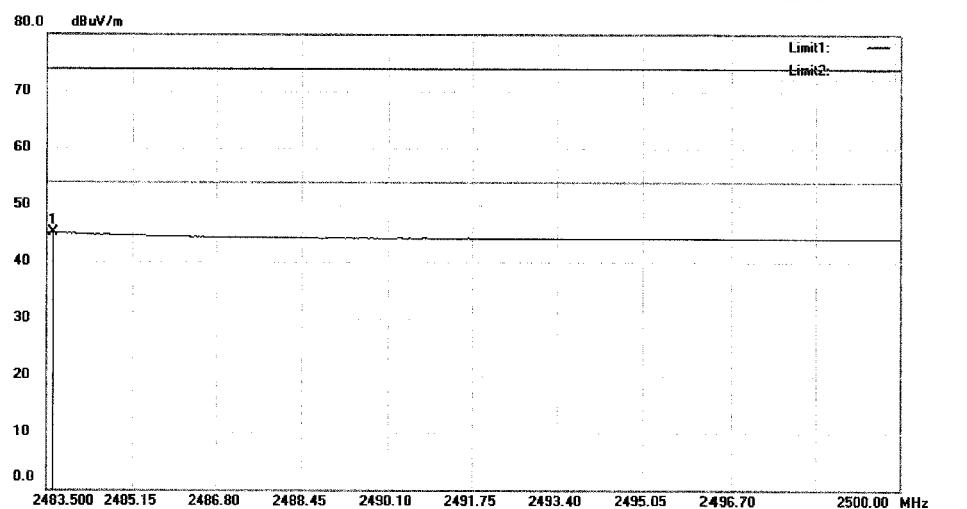
**Radiated Emission Measurement**

File :TUV 8

Data #:224

Date: 15/08/08/

Time: 14:57:01



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: MID721-L DL718M

Mode:11N 40M 2452

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 | Comment |
| 1   | *   | 2483.615 | 14.44         | 30.70          | 45.14        | 54.00  | -8.86 | AVG            |              |        |         |

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

Operator: KK

File :TUV 8|Data #:224

Page: 1

**Prüfbericht - Nr.: 17051492 002**  
*Test Report No.*Seite 149 von 155  
Page 149 of 155**5.1.7 Conducted emissions****RESULT:****Pass**

|                   |   |                   |
|-------------------|---|-------------------|
| Date of testing   | : | 2015-08-17        |
| Test standard     | : | FCC Part 15.207   |
| Basic standard    | : | ANSI C63.10: 2013 |
| Frequency range   | : | 0.15 – 30MHz      |
| Limits            | : | FCC Part 15.207   |
| Kind of test site | : | Shield room       |

**Test setup**

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

For details refer to following test plot.

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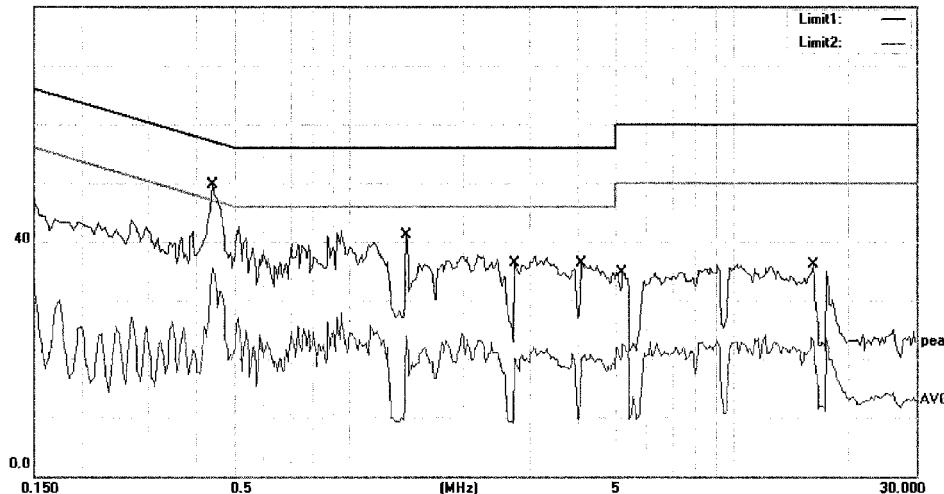

**Conducted Emission Measurement**

File :TUV

Data #:709

Date: 2015/08/17

80.0 dBuV/m



Site Conduction #2

Phase: L1

Temperature: 26

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID721-L

Mode: WIFI 2.4G MODE

Note:

| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measure-ment | Limit  | Over   |          |         |
|-----|-----|---------|---------------|----------------|--------------|--------|--------|----------|---------|
|     |     | MHz     | dBuV/m        | dB             | dBuV/m       | dBuV/m | dB     | Detector | Comment |
| 1   | *   | 0.4400  | 49.71         | 0.00           | 49.71        | 57.06  | -7.35  | QP       |         |
| 2   |     | 0.4400  | 35.55         | 0.00           | 35.55        | 47.06  | -11.51 | AVG      |         |
| 3   |     | 1.4050  | 41.13         | 0.00           | 41.13        | 56.00  | -14.87 | QP       |         |
| 4   |     | 1.4050  | 23.81         | 0.00           | 23.81        | 46.00  | -22.19 | AVG      |         |
| 5   |     | 2.7300  | 36.26         | 0.00           | 36.26        | 56.00  | -19.74 | QP       |         |
| 6   |     | 2.7300  | 20.03         | 0.00           | 20.03        | 46.00  | -25.97 | AVG      |         |
| 7   |     | 4.0900  | 36.40         | 0.00           | 36.40        | 56.00  | -19.60 | QP       |         |
| 8   |     | 4.0900  | 20.78         | 0.00           | 20.78        | 46.00  | -25.22 | AVG      |         |
| 9   |     | 5.2200  | 34.74         | 0.00           | 34.74        | 60.00  | -25.26 | QP       |         |
| 10  |     | 5.2200  | 22.54         | 0.00           | 22.54        | 50.00  | -27.46 | AVG      |         |
| 11  |     | 16.1500 | 36.02         | 0.00           | 36.02        | 60.00  | -23.98 | QP       |         |
| 12  |     | 16.1500 | 23.65         | 0.00           | 23.65        | 50.00  | -26.35 | AVG      |         |

\*:Maximum data    x:Over limit    l:over margin    Comment: Factor build in receiver.    Operator: Neo

File :TUV\Data .#709

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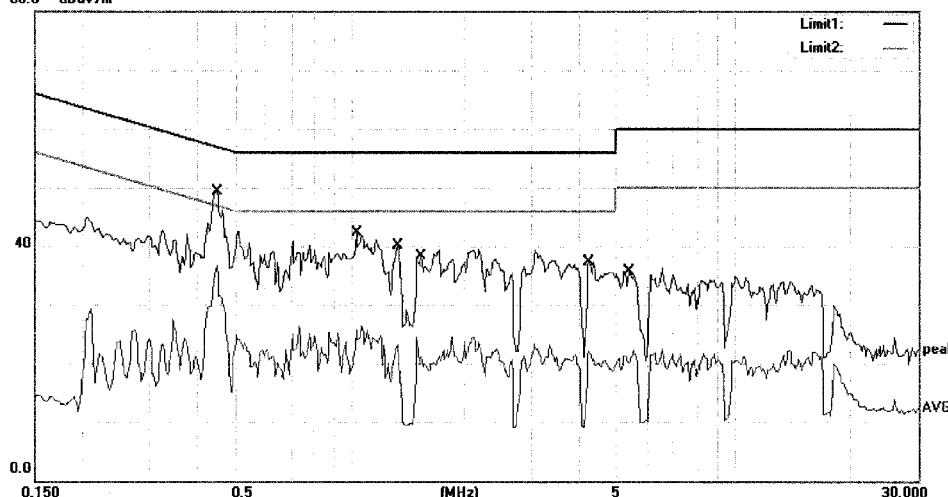
## Conducted Emission Measurement

File :TUV

Data #:710

Date: 2015/08/17

80.0 dBuV/m



Site Conduction #2

Phase: N

Temperature: 26

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID721-L

Mode: WIFI 2.4G MODE

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV/m | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|----------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 0.4500       | 49.28                      | 0.00                    | 49.28                      | 56.88           | -7.60      | QP       |         |
| 2   |     | 0.4500       | 36.77                      | 0.00                    | 36.77                      | 46.88           | -10.11     | AVG      |         |
| 3   |     | 1.0350       | 42.24                      | 0.00                    | 42.24                      | 56.00           | -13.76     | QP       |         |
| 4   |     | 1.0350       | 26.37                      | 0.00                    | 26.37                      | 46.00           | -19.63     | AVG      |         |
| 5   |     | 1.3300       | 40.20                      | 0.00                    | 40.20                      | 56.00           | -15.80     | QP       |         |
| 6   |     | 1.3300       | 23.17                      | 0.00                    | 23.17                      | 46.00           | -22.83     | AVG      |         |
| 7   |     | 1.5300       | 38.27                      | 0.00                    | 38.27                      | 56.00           | -17.73     | QP       |         |
| 8   |     | 1.5300       | 24.53                      | 0.00                    | 24.53                      | 46.00           | -21.47     | AVG      |         |
| 9   |     | 4.2250       | 37.39                      | 0.00                    | 37.39                      | 56.00           | -18.61     | QP       |         |
| 10  |     | 4.2250       | 22.07                      | 0.00                    | 22.07                      | 46.00           | -23.93     | AVG      |         |
| 11  |     | 5.3700       | 35.77                      | 0.00                    | 35.77                      | 60.00           | -24.23     | QP       |         |
| 12  |     | 5.3700       | 22.25                      | 0.00                    | 22.25                      | 50.00           | -27.75     | AVG      |         |

\*:Maximum data    x:Over limit    !:over margin    Comment: Factor build in receiver.    Operator: Neo

File :TUV\Data .#710

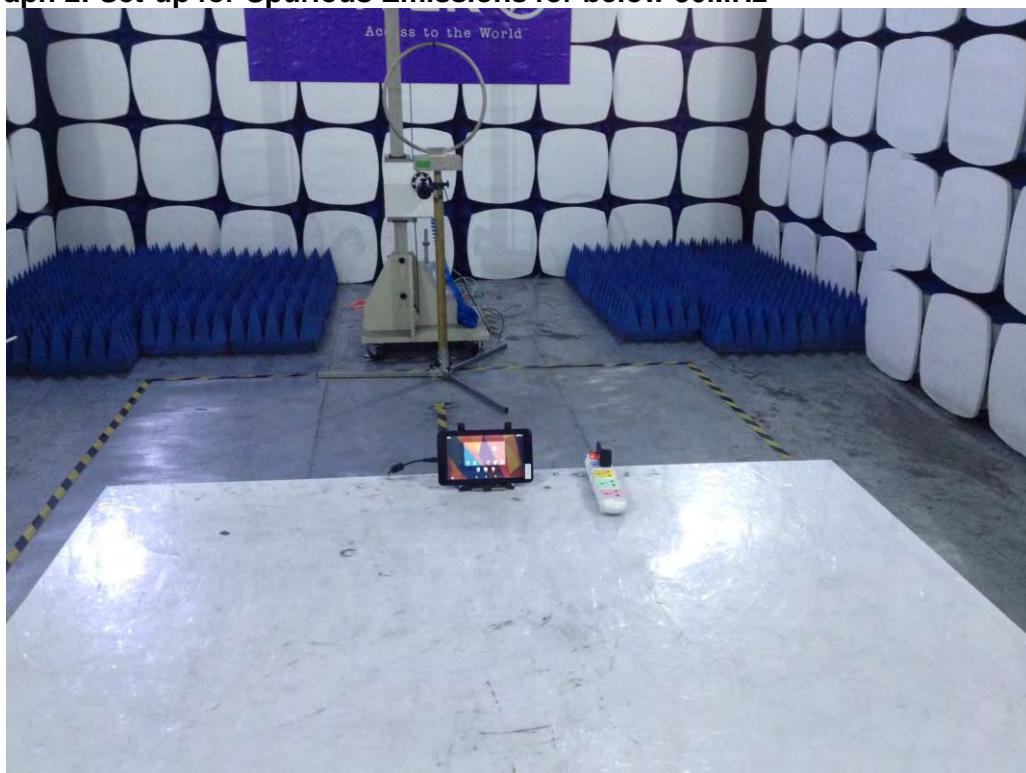
Page: 1

## 6. Photographs of the Test Set-Up

Photograph 1: Set-up for Conducted Emissions



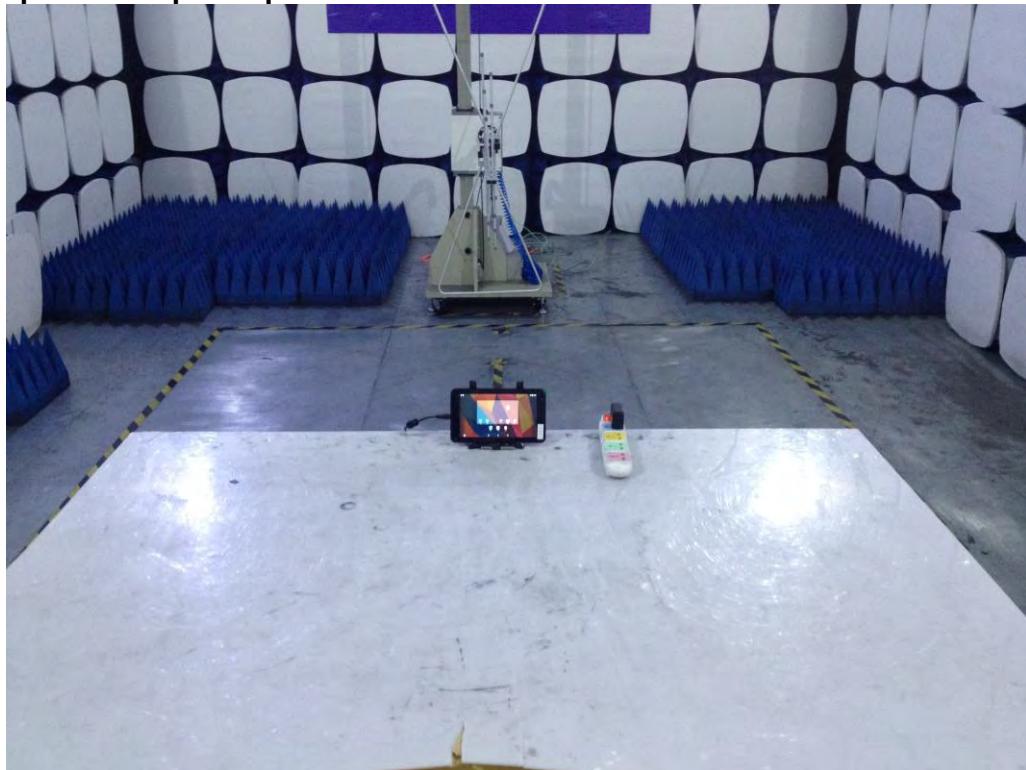
Photograph 2: Set-up for Spurious Emissions for below 30MHz



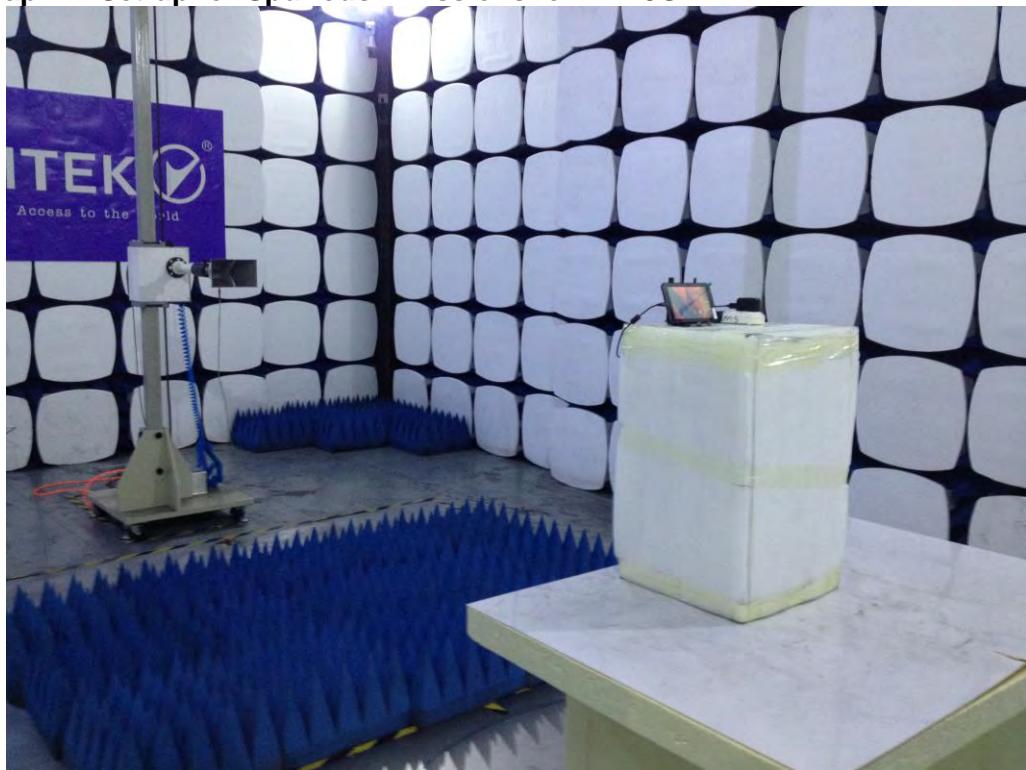
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*Test Report No.*

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**Photograph 3: Set-up for Spurious Emissions for 30 - 1000MHz**



**Photograph 4: Set-up for Spurious Emissions for 1 - 18GHz**



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*Test Report No.*

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**Photograph 5: Set-up for Spurious Emissions for 18 - 26.5GHz**



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