

# TEST REPORT

**Product Name:** Premium Mono Bluetooth headphone

**Trade Mark:**



PHILIPS or

**Model No.:** TAL8000

TAL8000BK/37, TAL8000xx/yy (xx=AA-ZZ  
or blank denoted different color; yy=00-99  
denoted different country destination)

**Add. Model No.:**

**Report Number:** 26061125408EMC-1

**Test Standards:** FCC 47 CFR Part 15 Subpart B  
ICES-003 Issue 7

**FCC ID:** 2AR2STAL8000

**Test Result:** PASS

**Date of Issue:** July 6, 2026

Prepared for:

**MMD Hong Kong Holding Limited**  
**Units 1208-11, 12th Floor, C-Bons International Center, 108 Wai Yip**  
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Prepared by:

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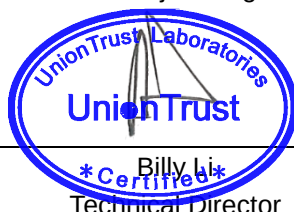
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Date:

July 6, 2026

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UTTR-EMC-ICES003-V1.2

**Version**

| Version No. | Date         | Description |
|-------------|--------------|-------------|
| V1.0        | July 6, 2026 | Original    |

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## 1. GENERAL INFORMATION

### 1.1 CLIENT INFORMATION

|                                 |                                                                                                           |
|---------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Applicant:</b>               | MMD Hong Kong Holding Limited                                                                             |
| <b>Address of Applicant:</b>    | Units 1208-11, 12th Floor, C-Bons International Center, 108 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong |
| <b>Manufacturer:</b>            | MMD Hong Kong Holding Limited                                                                             |
| <b>Address of Manufacturer:</b> | Units 1208-11, 12th Floor, C-Bons International Center, 108 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong |

### 1.2 EUT INFORMATION

#### 1.2.1 General Description of EUT

|                                                                                                                                                                                                                                                  |                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name:</b>                                                                                                                                                                                                                             | Premium Mono Bluetooth headphone                                                                                                                          |
| <b>Model No.:</b>                                                                                                                                                                                                                                | TAL8000                                                                                                                                                   |
| <b>Add. Model No.:</b>                                                                                                                                                                                                                           | TAL8000BK/37, TAL8000xx/yy (xx=AA-ZZ or blank denoted different color; yy=00-99 denoted different country destination)                                    |
| <b>Trade Mark:</b>                                                                                                                                                                                                                               | <br>PHILIPS or                                                           |
| <b>DUT Stage:</b>                                                                                                                                                                                                                                | Identical Prototype                                                                                                                                       |
| <b>Rated Voltage:</b>                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> Input: 5V $\Rightarrow$ 500mA<br><input checked="" type="checkbox"/> 3.7Vdc (1x3.7V Lithium-ion Rechargeable Battery) |
| <b>Classification of digital devices:</b>                                                                                                                                                                                                        | Class B                                                                                                                                                   |
| <b>Highest Internal Frequency:</b>                                                                                                                                                                                                               | 2480 MHz                                                                                                                                                  |
| <b>Sample Received Date:</b>                                                                                                                                                                                                                     | June 9, 2026                                                                                                                                              |
| <b>Sample Tested Date:</b>                                                                                                                                                                                                                       | June 11, 2026 to June 12, 2026                                                                                                                            |
| <b>Note:</b> The additional model TAL8000BK/37, TAL8000xx/yy (xx=AA-ZZ or blank denoted different color; yy=00-99 denoted different country destination) is identical with the test model TAL8000 except the model number for marketing purpose. |                                                                                                                                                           |

**Remark:** The above EUT's information was provided by customer. Please refer to the specifications or user's manual for more detailed description.

### 1.2.2 Description of Accessories

| Car charger    |                 |
|----------------|-----------------|
| Model No.:     | DLP2512/00      |
| Input:         | DC 12-24 V 5A   |
| Output Type-C: | 5.0 V 2.4 A max |
| Output USB-A:  | 5.0 V 2.4 A max |
| Type-C+USB-A:  | 5.0 V 2.4 A 12W |
| Total Output:  | 12W Max         |

| Battery         |                                  |
|-----------------|----------------------------------|
| Model No.:      | 502535                           |
| Battery Type:   | Lithium-ion Rechargeable Battery |
| Rated Voltage:  | 3.7 Vdc                          |
| Rated Capacity: | 400 mAh                          |

### 1.3 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested with associated equipment below.

#### 1) Support Equipment

| Description   | Manufacturer | Model No.              | Serial Number    | Supplied by |
|---------------|--------------|------------------------|------------------|-------------|
| Tablet        | HUAWEI       | JDN2-W09               | UPK9X20B03003100 | UnionTrust  |
| AC/DC ADAPTER | KEYU         | KA06E-0501000EU        | D/C:2035         | UnionTrust  |
| Battery*2     | Camel        | L2 400<br>6-QW-60(580) | N/A              | UnionTrust  |

### 1.4 TEST LOCATION

#### Shenzhen UnionTrust Quality and Technology Co., Ltd.

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 Telephone: +86 (0) 755 2823 0888  
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### 1.5 TEST FACILITY

The test facility is recognized, certified, or accredited by the following organizations:

#### CNAS-Lab Code: L9069

The measuring equipment utilized to perform the tests documented in this report has been calibrated once a year or in accordance with the manufacturer's recommendations, and is traceable under the ISO/IEC 17025 to international or national standards. Equipment has been calibrated by accredited calibration laboratories.

#### A2LA-Lab Certificate No.: 4312.01

Shenzhen UnionTrust Quality and Technology Co., Ltd. has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the

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identified field of testing.

**ISED Wireless Device Testing Laboratories**

CAB identifier: CN0032

**FCC Accredited Lab.**

Designation Number: CN1194

Test Firm Registration Number: 259480

## 1.6 DEVIATION FROM STANDARDS

None.

## 1.7 ABNORMALITIES FROM STANDARD CONDITIONS

None.

## 1.8 OTHER INFORMATION REQUESTED BY THE CUSTOMER

None.

## 1.9 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the Product as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

| No. | Item                            | Measurement Uncertainty |
|-----|---------------------------------|-------------------------|
| 1   | Conducted emission 9kHz-150kHz  | ±3.2 dB                 |
| 2   | Conducted emission 150kHz-30MHz | ±3.1 dB                 |
| 3   | Radiated emission 9kHz-30MHz    | ± 4.7 dB                |
| 4   | Radiated emission 30MHz-1GHz    | ± 4.6 dB                |
| 5   | Radiated emission 1GHz-18GHz    | ± 4.4 dB                |
| 6   | Radiated emission 18GHz-26GHz   | ± 4.6 dB                |
| 7   | Radiated emission 26GHz-40GHz   | ± 4.6 dB                |

## 2. TEST SUMMARY

| Test Cases         |                                                          |                 |        |
|--------------------|----------------------------------------------------------|-----------------|--------|
| Test Item          | Test Requirement                                         | Test Method     | Result |
| Conducted Emission | FCC 47 CFR Part 15.107<br>ICES-003 Issue 7 Section 3.2.1 | ANSI C63.4-2014 | PASS   |
| Radiated Emission  | FCC 47 CFR Part 15.109<br>ICES-003 Issue 7 Section 3.2.2 | ANSI C63.4-2014 | PASS   |



### 3. EQUIPMENT LIST

| Radiated Emission Test Equipment List |                                                      |              |            |                            |             |               |
|---------------------------------------|------------------------------------------------------|--------------|------------|----------------------------|-------------|---------------|
| Used                                  | Equipment                                            | Manufacturer | Model No.  | Serial Number              | Cal. date   | Cal. Due date |
| <input checked="" type="checkbox"/>   | 3m SAC                                               | ETS-LINDGREN | 3m         | Euroshiedpn-CT001270-1317  | 11-Nov-2023 | 10-Nov-2026   |
| <input checked="" type="checkbox"/>   | Receiver                                             | R&S          | ESIB26     | 100114                     | 24-Oct-2025 | 23-Oct-2026   |
| <input checked="" type="checkbox"/>   | Broadband Antenna                                    | ETS-LINDGREN | 3142E      | 00201566                   | 26-Oct-2025 | 25-Oct-2026   |
| <input checked="" type="checkbox"/>   | 6dB Attenuator                                       | Talent       | RA6A5-N-18 | 18103001                   | 24-Oct-2025 | 23-Oct-2026   |
| <input checked="" type="checkbox"/>   | Preamplifier                                         | HP           | 8447F      | 2805A02960                 | 24-Oct-2025 | 23-Oct-2026   |
| <input checked="" type="checkbox"/>   | Double-Ridged Waveguide Horn Antenna (Pre-amplifier) | ETS-LINDGREN | 3117-PA    | 00201541                   | 21-Mar-2026 | 20-Mar-2027   |
| <input checked="" type="checkbox"/>   | Pre-amplifier                                        | ETS-Lindgren | 00118385   | 00201874                   | 21-Mar-2026 | 20-Mar-2027   |
| <input checked="" type="checkbox"/>   | Double-Ridged Waveguide Horn Antenna (Pre-amplifier) | ETS-LINDGREN | 3116C-PA   | 00202652                   | 30-Oct-2025 | 29-Oct-2026   |
| <input checked="" type="checkbox"/>   | Pre-amplifier                                        | ETS-Lindgren | 00118384   | 00202652                   | 24-Oct-2025 | 23-Oct-2026   |
| <input checked="" type="checkbox"/>   | Multi device Controller                              | ETS-LINDGREN | 7006-001   | 00160105                   | N/A         | N/A           |
| <input checked="" type="checkbox"/>   | Test Software                                        | Audix        | e3         | Software Version: 9.160323 |             |               |

| Conducted Emission Test Equipment List |               |              |           |                                 |             |               |
|----------------------------------------|---------------|--------------|-----------|---------------------------------|-------------|---------------|
| Used                                   | Equipment     | Manufacturer | Model No. | Serial Number                   | Cal. date   | Cal. Due date |
| <input checked="" type="checkbox"/>    | Receiver      | R&S          | ESCI 3    | 101192                          | 24-Oct-2025 | 23-Oct-2026   |
| <input checked="" type="checkbox"/>    | LISN          | R&S          | EVN216    | 3560.6550.12                    | 22-Jan-2026 | 21-Jan-2027   |
| <input type="checkbox"/>               | LISN          | ETS-Lindgren | 3816/2SH  | 00201088                        | 22-Jan-2026 | 21-Jan-2027   |
| <input checked="" type="checkbox"/>    | Test Software | EZ-EMC       | EZ-CON    | Software Version: EMC-CON 3A1.1 |             |               |

## 4. TEST CONFIGURATION

### 4.1 ENVIRONMENTAL CONDITIONS FOR TESTING

#### 4.1.1 Normal or Extreme Test Conditions

| Environment Parameter                                           | Selected Values During Tests |                                                    |                       |
|-----------------------------------------------------------------|------------------------------|----------------------------------------------------|-----------------------|
| Test Condition                                                  | Ambient                      |                                                    |                       |
|                                                                 | Temperature (°C)             | Voltage (V)                                        | Relative Humidity (%) |
| NV/NT                                                           | +15 to +35                   | AC 120V~60 Hz or/<br>DC12-24V and 3.7 V<br>Battery | 20 to 75              |
| <b>Remark:</b><br>1) NV: Normal Voltage; NT: Normal Temperature |                              |                                                    |                       |

#### 4.1.2 Record of Normal Environment and Test sample

| Test Item          | Temperature (°C) | Relative Humidity (%) | Pressure (kPa) | Sample No.            | Tested by  |
|--------------------|------------------|-----------------------|----------------|-----------------------|------------|
| Conducted Emission | 22.0             | 57.0                  | 100.1          | S202606098895-ZJA03/8 | Shirley Wu |
| Radiated Emission  | 24.4             | 58.4                  | 100            |                       | Leo Li     |

### 4.2 TEST MODES

| Test Item                                                                                                              | EMI Test Modes                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Radiated Emission                                                                                                      | Test Mode 1: Powered by Car charger (12Vdc) + Standby<br>Test Mode 2: Powered by Car charger (24Vdc) + Standby<br><b>Test Mode 3: Powered by AC charger + Standby</b><br>Test Mode 4: Powered by Battery + BT playing + Microphone on |
| Conducted Emission                                                                                                     | <b>Test Mode 1: Powered by AC charger + Standby</b>                                                                                                                                                                                   |
| <b>Remark:</b> The above test modes in boldface were the worst cases, only the test data of these modes were reported. |                                                                                                                                                                                                                                       |

### 4.3 TEST SETUP

#### 4.3.1 For Radiated Emissions test setup

Figure 1. 30MHz to 1GHz

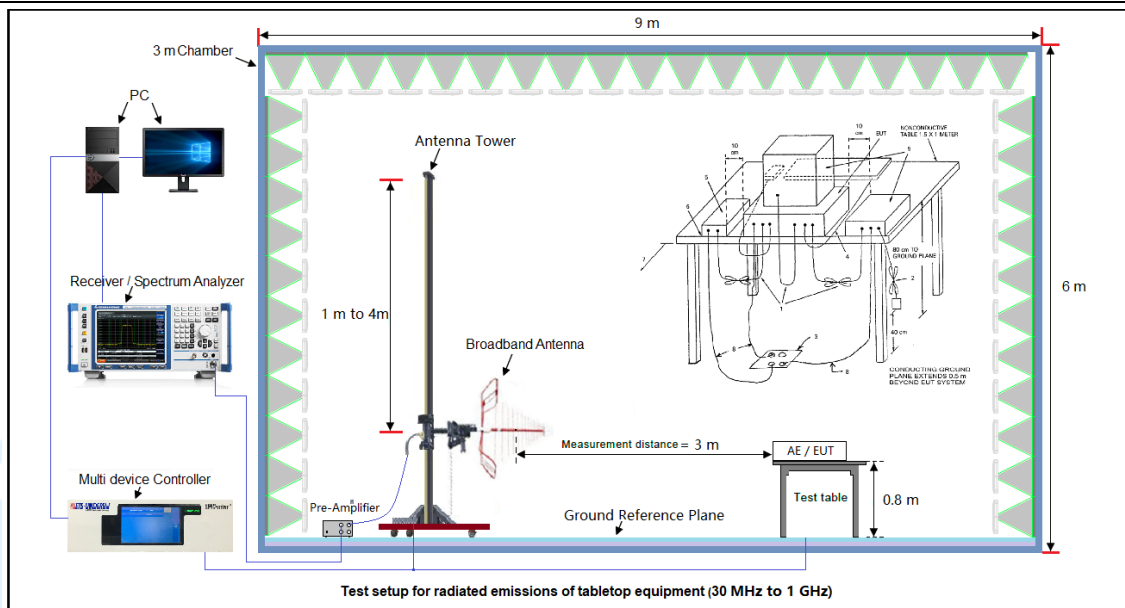
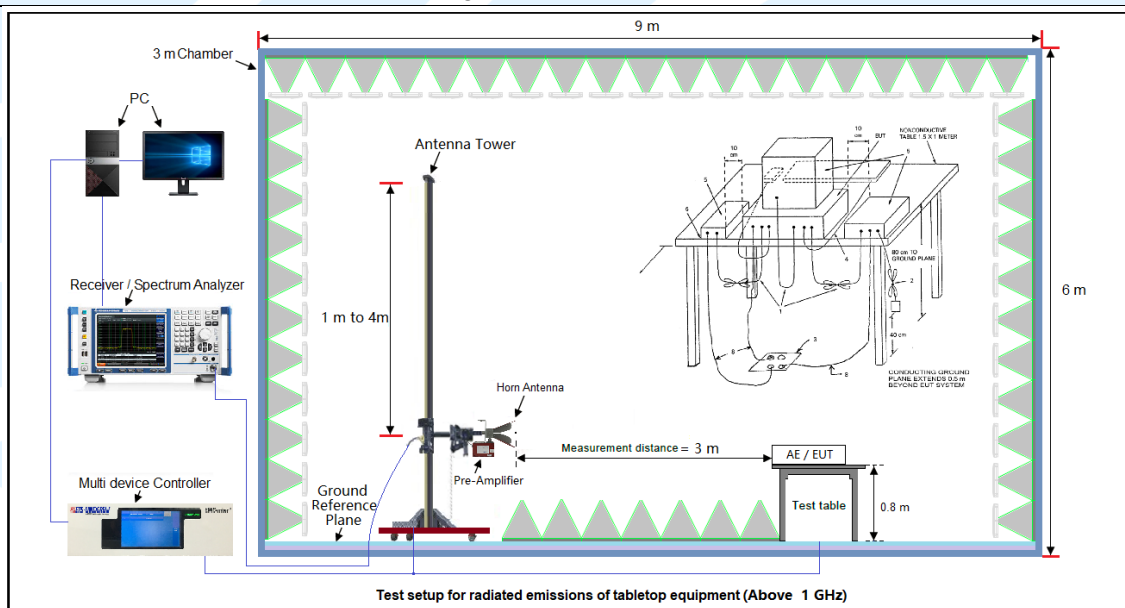
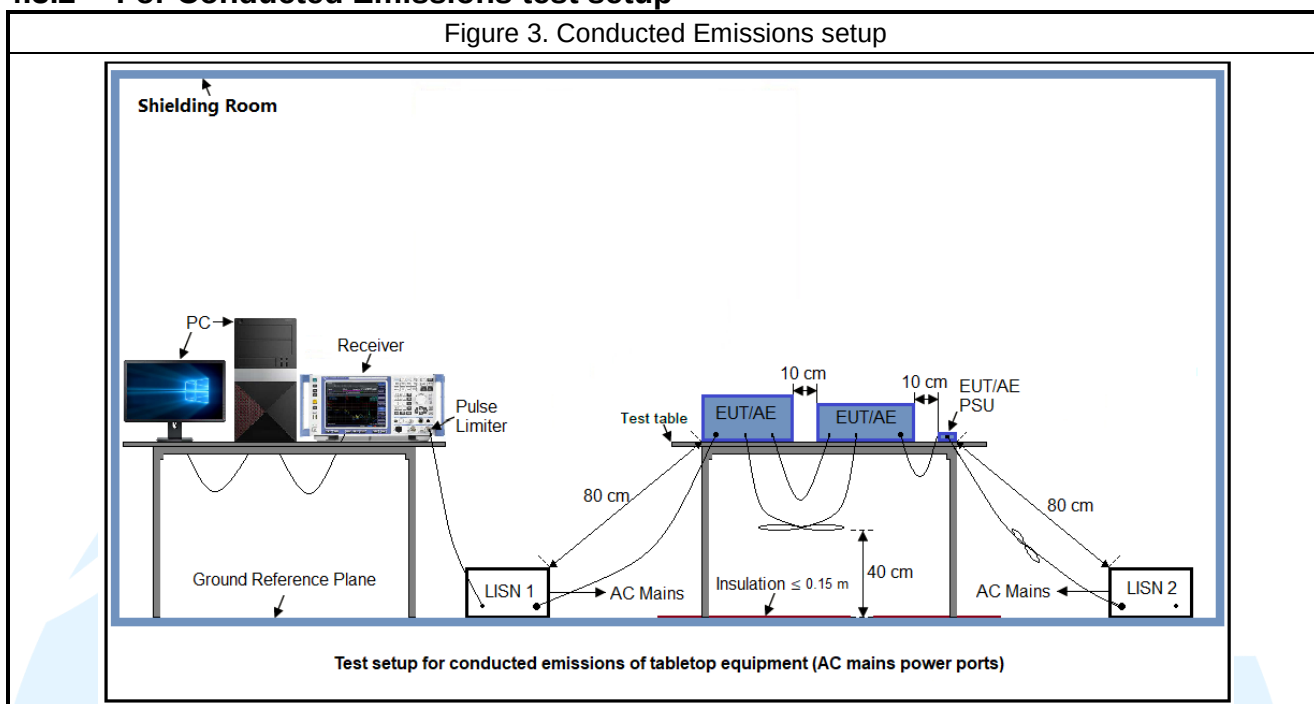


Figure 2. Above 1GHz



#### 4.3.2 For Conducted Emissions test setup

Figure 3. Conducted Emissions setup



#### 4.4 SYSTEM TEST CONFIGURATION

All readings are extrapolated back to the equivalent three meter reading using inverse scaling with distance. Analyzer resolution is 100 kHz or greater for frequencies below 1000MHz. The resolution is 1 MHz or greater for frequencies above 1000MHz. The spurious emissions more than 20 dB below the permissible value are not reported.

Radiated emission measurement were performed from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic (according to KDB 896810 D02 SDoC FAQ v01r01) of the highest fundamental frequency or to 40 GHz, whichever is lower.

## 5. REFERENCE DOCUMENTS FOR TESTING

| No. | Identity                                 | Document Title                                                                                                                                                      |
|-----|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | FCC 47 CFR Part15 Subpart B              | Unintentional Radiators                                                                                                                                             |
| 2   | ICES-003 Issue 7                         | Information Technology Equipment (Including Digital Apparatus)                                                                                                      |
| 3   | ANSI C63.4-2014                          | American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz |
| 4   | KDB 174176 D01 Line Conducted FAQ v01r02 | AC power-line conducted emission frequency asked questions                                                                                                          |
| 5   | KDB 896810 D02 SDoC FAQ v01r02           | Supplier's Declaration of Conformity frequency asked questions                                                                                                      |

## 6. EMC REQUIREMENTS SPECIFICATION

### 6.1 RADIATED EMISSION

**Test Requirement:** FCC 47 CFR Part 15.109  
ICES-003 Issue 7 Clause 3.2.2

**Test Method:** ANSI C63.4-2014

**Receiver Setup:**

| Frequency: (f)<br>(MHz) | Detector type | Measurement receiver bandwidth |         |
|-------------------------|---------------|--------------------------------|---------|
|                         |               | RBW                            | VBW     |
| $30 \leq f \leq 1\,000$ | Quasi Peak    | 120 kHz                        | 300 kHz |
| $f \geq 1000$           | Peak          | 1 MHz                          | 3 MHz   |
|                         | Average       | 1 MHz                          | 3 MHz   |

**Measured frequency range**

| Highest frequency generated or used in the device or on which the device operates or tunes (MHz) | Upper frequency of measurement range (MHz)                           |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Below 1.705                                                                                      | 30.                                                                  |
| 1.705-108                                                                                        | 1000.                                                                |
| 108-500                                                                                          | 2000.                                                                |
| 500-1000                                                                                         | 5000.                                                                |
| Above 1000                                                                                       | 5th harmonic of the highest frequency or 40 GHz, whichever is lower. |

**Limits:**

Limits for Class B devices

**FCC 47 CFR Part 15 Subpart B**

| Frequency (MHz) | limits at 3m (dBμV/m) |             |             |
|-----------------|-----------------------|-------------|-------------|
|                 | QP Detector           | PK Detector | AV Detector |
| 30 – 88         | 40.0                  | --          | --          |
| 88 – 216        | 43.5                  | --          | --          |
| 216 – 960       | 46.0                  |             |             |
| 960 – 1000      | 54.0                  | --          | --          |
| Above 1000      | --                    | 74.0        | 54.0        |

**ICES-003 Issue 7**

| Frequency (MHz) | limits at 3m (dBμV/m) |             |             |
|-----------------|-----------------------|-------------|-------------|
|                 | QP Detector           | PK Detector | AV Detector |
| 30 – 88         | 40.0                  | --          | --          |
| 88 – 216        | 43.5                  | --          | --          |
| 216 – 230       | 46.0                  |             |             |

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|            |      |      |      |
|------------|------|------|------|
| 230 – 960  | 47.0 | --   | --   |
| 960 – 1000 | 54.0 | --   | --   |
| Above 1000 | --   | 74.0 | 54.0 |

**Remark:**

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dB $\mu$ V/m) = 20 log Emission level ( $\mu$ V/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

**Test Setup:** Refer to section 4.3.1 for details.

**Test Procedures:**

1. From 30 MHz to 1GHz test procedure as below:
  - 1) The Product was placed on the non-conductive turntable 0.8 m above the ground at a chamber.
  - 2) Set the spectrum analyzer/receiver in Peak detector, Max Hold mode, and 120 kHz RBW. Record the maximum field strength of all the pre-scan process in the full band when the antenna is varied between 1~4 m in both horizontal and vertical, and the turntable is rotated from 0 to 360 degrees.
  - 3) For each frequency whose maximum record was higher or close to limit, measure its QP value: vary the antenna's height and rotate the turntable from 0 to 360 degrees to find the height and degree where Product radiated the maximum emission, then set the test frequency analyzer/receiver to QP Detector and specified bandwidth with Maximum Hold Mode, and record the maximum value.
2. Above 1GHz test procedure as below:
  - 1) The Product was placed on the non-conductive turntable 0.8 m above the ground at a chamber.
  - 2) Set the spectrum analyzer/receiver in Peak detector, Max Hold mode, and 1MHz RBW. Record the maximum field strength of all the pre-scan process in the full band when the antenna is varied in both horizontal and vertical, and the turntable is rotated from 0 to 360 degrees.
  - 3) For each frequency whose maximum record was higher or close to limit, measure its AV value: rotate the turntable from 0 to 360 degrees to find the degree where Product radiated the maximum emission, then set the test frequency analyzer/receiver to AV value and specified bandwidth with Maximum Hold Mode, and record the maximum value.

**Equipment Used:** Refer to section 3 for details.

**Test Result:** Pass

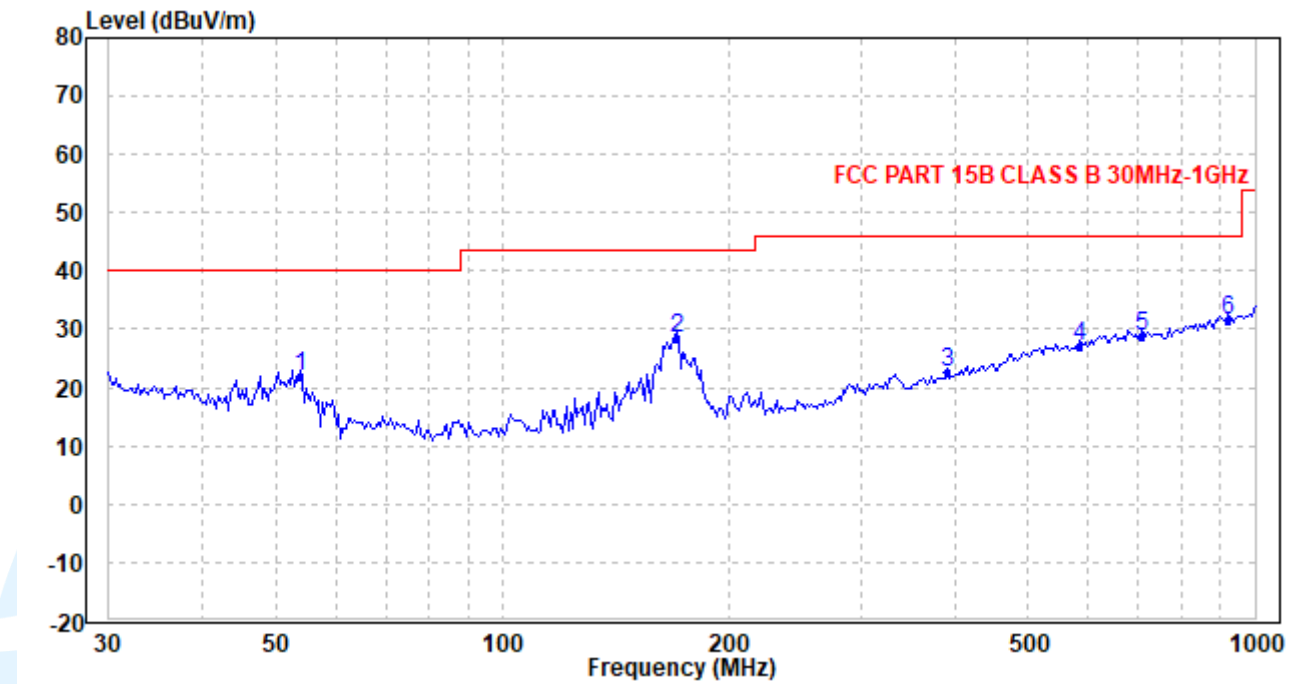
**The measurement data as follows:**

The worst measurement data for FCC 47 CFR Part 15 Subpart B as follows:

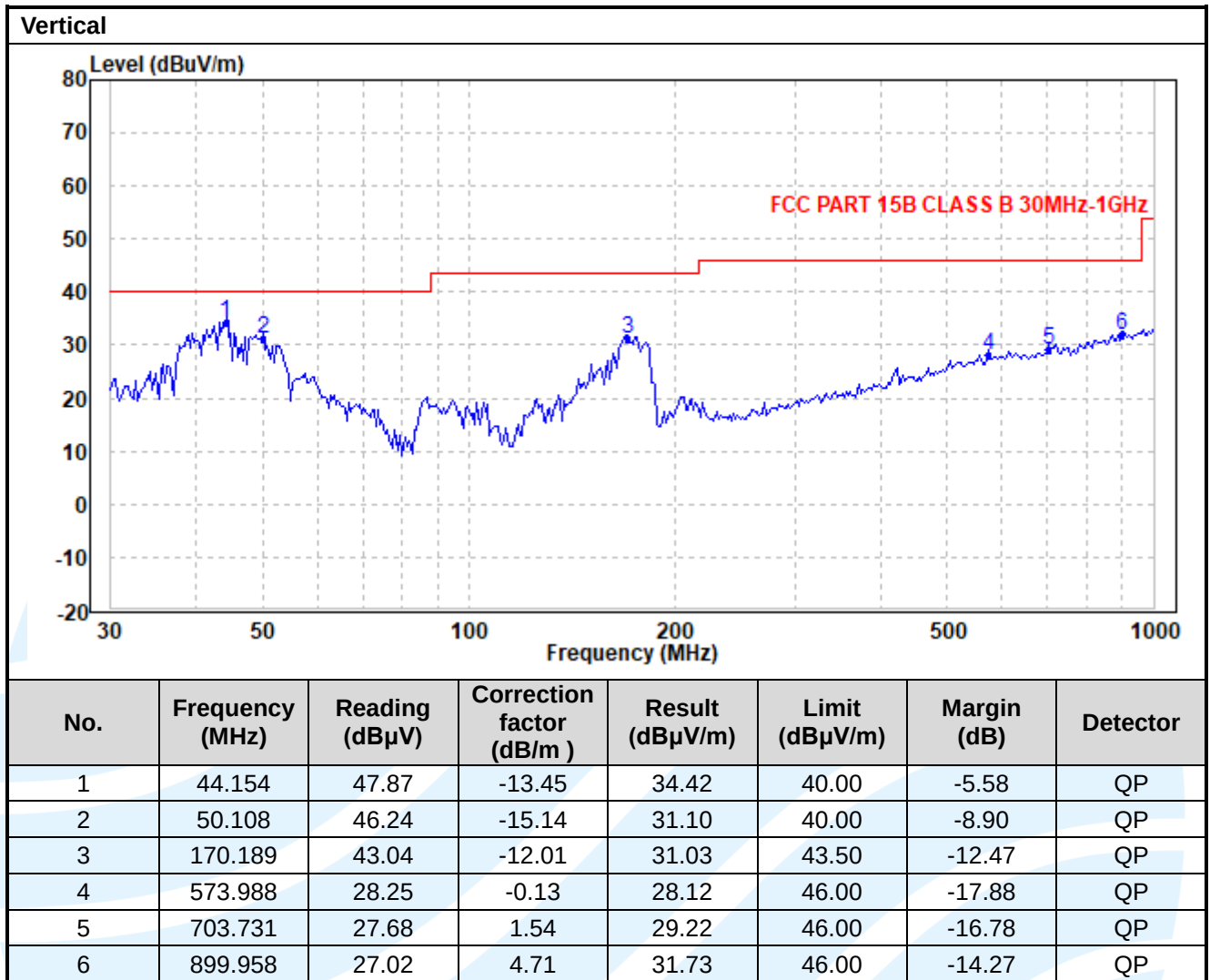
Below 1GHz(Quasi Peak):

Test Mode3

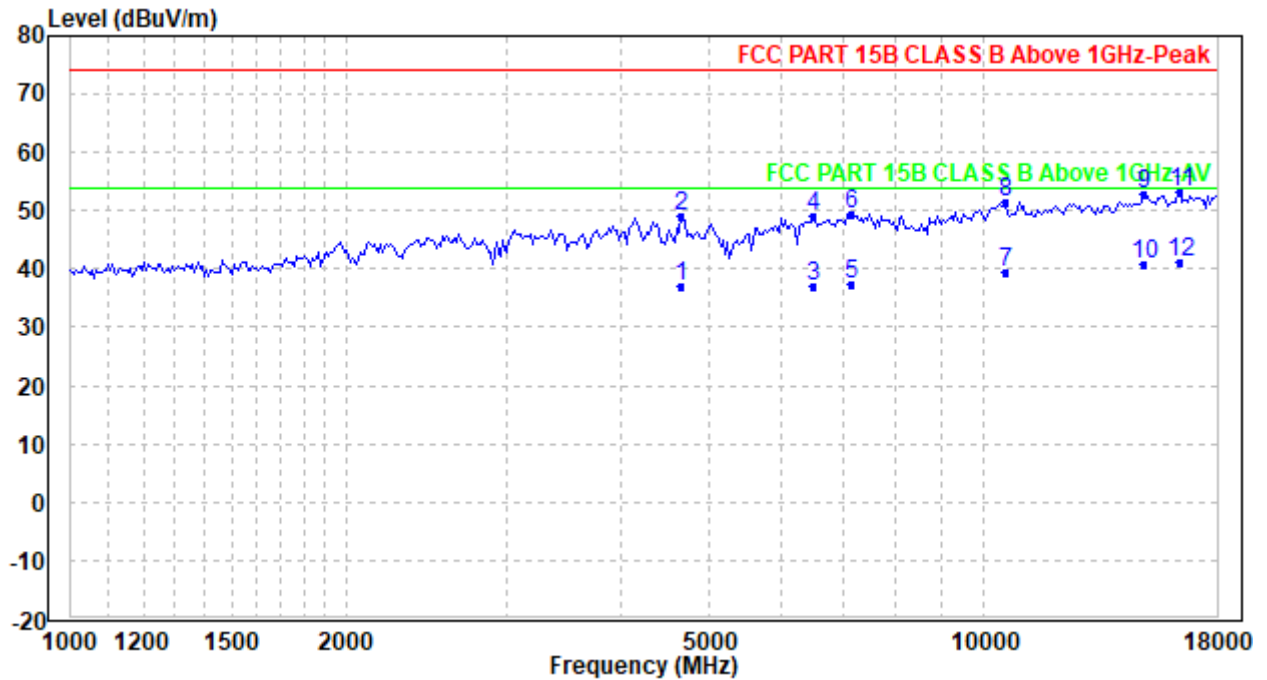
Horizontal



| No. | Frequency (MHz) | Reading (dBμV) | Correction factor (dB/m ) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------------------|-----------------|----------------|-------------|----------|
| 1   | 53.756          | 38.99          | -17.01                    | 21.98           | 40.00          | -18.02      | QP       |
| 2   | 170.189         | 40.47          | -12.01                    | 28.46           | 43.50          | -15.04      | QP       |
| 3   | 389.987         | 26.92          | -4.47                     | 22.45           | 46.00          | -23.55      | QP       |
| 4   | 586.217         | 26.73          | 0.43                      | 27.16           | 46.00          | -18.84      | QP       |
| 5   | 708.694         | 27.16          | 1.65                      | 28.81           | 46.00          | -17.19      | QP       |
| 6   | 919.132         | 26.80          | 4.84                      | 31.64           | 46.00          | -14.36      | QP       |



Above 1GHz(Peak & Average)  
Test Mode3  
Horizontal



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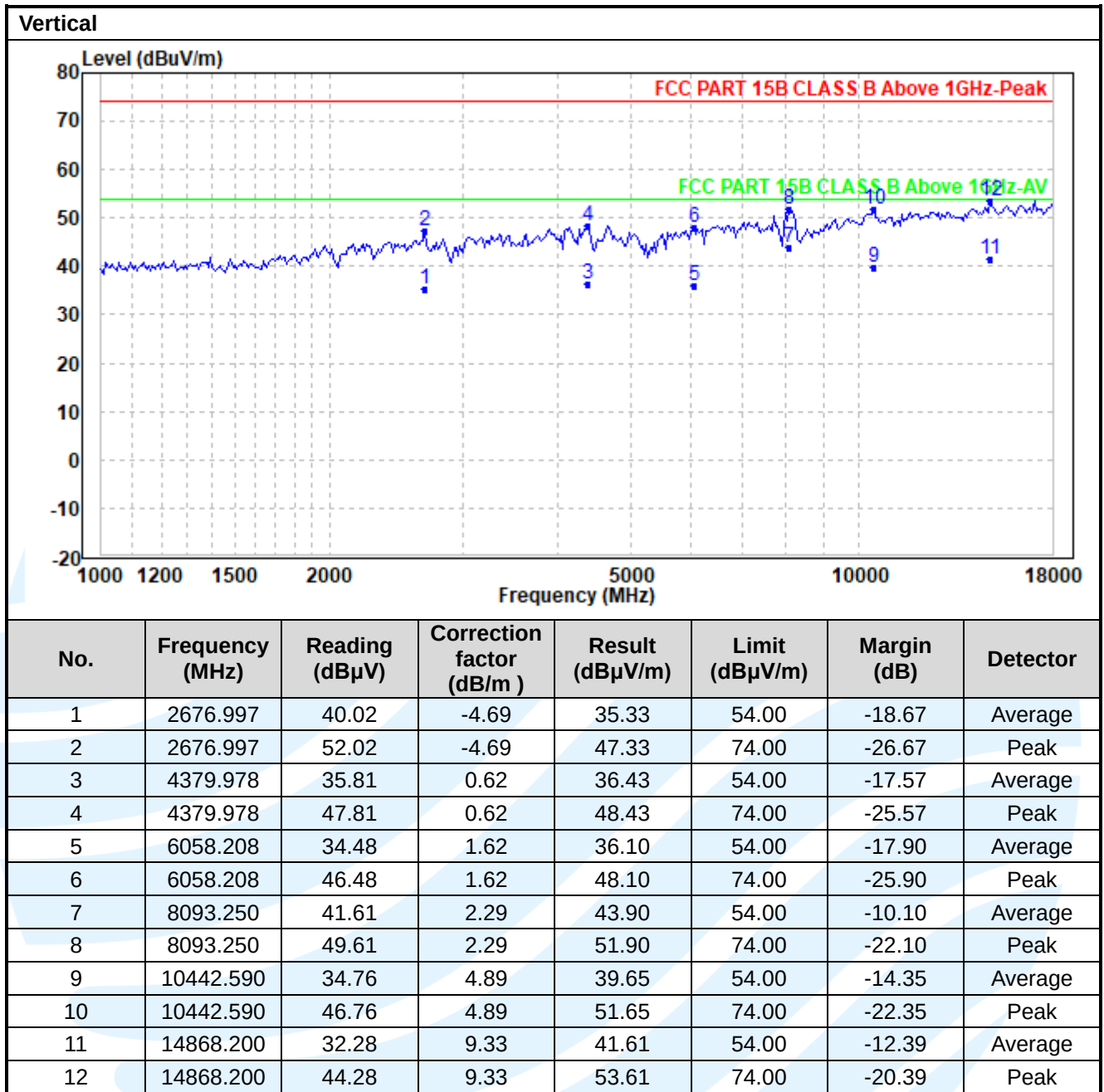
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**Remark:**

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result – Limit
4. For Radiated Emission above 18GHz, there was not any unwanted emission detected.
5. The limit of ICES-003 in the 230MHz to 960MHz band is higher than that of FCC Part 15B, so the radiation emission test data conform to the limit of ICES-003.

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## 6.2 CONDUCTED EMISSION

**Test Requirement:** FCC 47 CFR Part 15.107  
ICES-003 Issue 7 Section 3.2.1

**Test Method:** ANSI C63.4-2014

**Limits:**

Limits for Class B devices

| Frequency range<br>(MHz) | Limits (dB(μV)) |          |
|--------------------------|-----------------|----------|
|                          | Quasi-peak      | Average  |
| 0,15 to 0,50             | 66 to 56        | 56 to 46 |
| 0,50 to 5                | 56              | 46       |
| 5 to 30                  | 60              | 50       |

**Remark:**

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 to 0.50 MHz.

**Test Setup:** Refer to section 4.3.2 for details.

**Test Procedures:**

- 1) The Product was placed on a nonconductive table 0.8 m above the horizontal ground reference plane, and 0.4 m from the vertical ground reference plane, and connected to the main through Line Impedance Stability Network (L.I.S.N).
- 2) The RBW of the receiver was set at 9 kHz in 150 kHz ~ 30MHz with Peak and AVG detector in Max Hold mode. Run the receiver's pre-scan to record the maximum disturbance generated from Product in all power lines in the full band.
- 3) For each frequency whose maximum record was higher or close to limit, measure its QP and AVG values and record.

**Equipment Used:** Refer to section 3 for details.

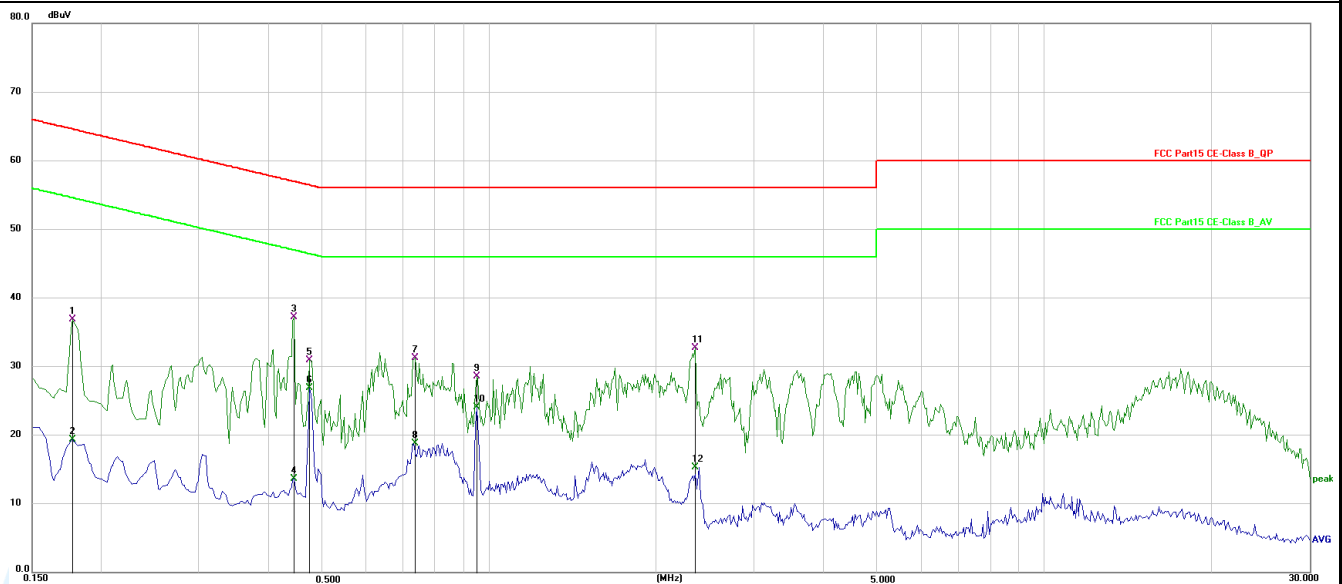
**Test Result:** Pass

The worst measurement data as follows:

Quasi Peak and Average:

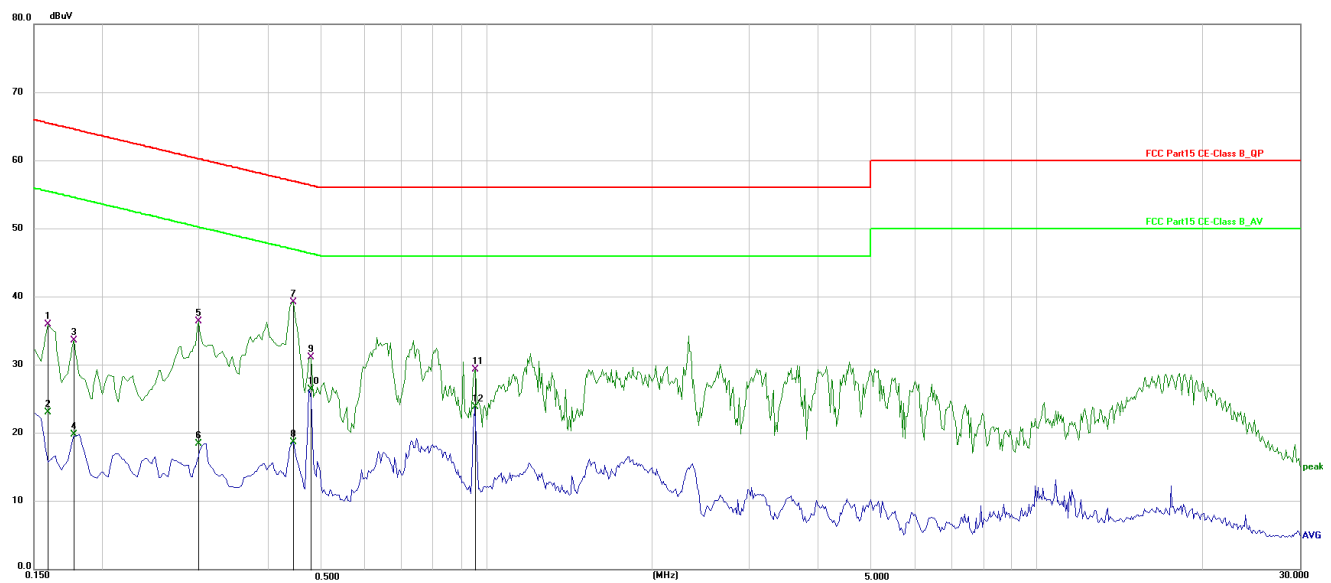
Test Mode1

#### Live Line



| No. | Frequency (MHz) | Reading (dBμV) | Correction factor (dB) | Result (dBμV) | Limit (dBμV) | Margin (dB) | Detector |
|-----|-----------------|----------------|------------------------|---------------|--------------|-------------|----------|
| 1   | 0.1770          | 26.60          | 10.27                  | 36.87         | 64.63        | -27.76      | QP       |
| 2   | 0.1770          | 9.11           | 10.27                  | 19.38         | 54.63        | -35.25      | AVG      |
| 3   | 0.4425          | 26.93          | 10.23                  | 37.16         | 57.01        | -19.85      | QP       |
| 4   | 0.4425          | 3.35           | 10.23                  | 13.58         | 47.01        | -33.43      | AVG      |
| 5   | 0.4740          | 20.69          | 10.22                  | 30.91         | 56.44        | -25.53      | QP       |
| 6   | 0.4740          | 16.60          | 10.22                  | 26.82         | 46.44        | -19.62      | AVG      |
| 7   | 0.7350          | 21.03          | 10.19                  | 31.22         | 56.00        | -24.78      | QP       |
| 8   | 0.7350          | 8.56           | 10.19                  | 18.75         | 46.00        | -27.25      | AVG      |
| 9   | 0.9510          | 18.43          | 10.18                  | 28.61         | 56.00        | -27.39      | QP       |
| 10  | 0.9510          | 13.91          | 10.18                  | 24.09         | 46.00        | -21.91      | AVG      |
| 11  | 2.3460          | 22.58          | 10.18                  | 32.76         | 56.00        | -23.24      | QP       |
| 12  | 2.3460          | 5.11           | 10.18                  | 15.29         | 46.00        | -30.71      | AVG      |

## Neutral Line



| No. | Frequency (MHz) | Reading (dBμV) | Correction factor (dB) | Result (dBμV) | Limit (dBμV) | Margin (dB) | Detector |
|-----|-----------------|----------------|------------------------|---------------|--------------|-------------|----------|
| 1   | 0.1590          | 25.65          | 10.29                  | 35.94         | 65.52        | -29.58      | QP       |
| 2   | 0.1590          | 12.79          | 10.29                  | 23.08         | 55.52        | -32.44      | AVG      |
| 3   | 0.1770          | 23.32          | 10.28                  | 33.60         | 64.63        | -31.03      | QP       |
| 4   | 0.1770          | 9.51           | 10.28                  | 19.79         | 54.63        | -34.84      | AVG      |
| 5   | 0.2983          | 26.20          | 10.24                  | 36.44         | 60.29        | -23.85      | QP       |
| 6   | 0.2983          | 8.27           | 10.24                  | 18.51         | 50.29        | -31.78      | AVG      |
| 7   | 0.4425          | 29.00          | 10.21                  | 39.21         | 57.01        | -17.80      | QP       |
| 8   | 0.4425          | 8.46           | 10.21                  | 18.67         | 47.01        | -28.34      | AVG      |
| 9   | 0.4784          | 20.88          | 10.20                  | 31.08         | 56.37        | -25.29      | QP       |
| 10  | 0.4784          | 16.26          | 10.20                  | 26.46         | 46.37        | -19.91      | AVG      |
| 11  | 0.9555          | 19.14          | 10.19                  | 29.33         | 56.00        | -26.67      | QP       |
| 12  | 0.9555          | 13.65          | 10.19                  | 23.84         | 46.00        | -22.16      | AVG      |

## Remark:

1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result - Limit
4. An initial pre-scan was performed on the Phase and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

## APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

## APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

\*\*\*\*\* End of Report \*\*\*\*\*

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of UnionTrust, this report can't be reproduced except in full.

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