

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                |                                                            |                                                                     |                                                                                       |                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>Prüfbericht-Nr.:</b><br>Test report no.:                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>CN20PI77 002</b>                                                                                            | <b>Auftrags-Nr.:</b><br>Order no.:                         | <b>168285979</b>                                                    | Seite 1 von 13<br>Page 1 of 13                                                        |                                        |
| <b>Kunden-Referenz-Nr.:</b><br>Client reference no.:                                                                                                                                                                                                                                                                                                                                                                                                                | N/A                                                                                                            | <b>Auftragsdatum:</b><br>Order date:                       | 2020-10-14                                                          |                                                                                       |                                        |
| <b>Auftraggeber:</b><br>Client:                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Aptiv Electronics (Suzhou) Co., Ltd.</b><br>No.123, Changyang Street, Suzhou Industrial Park, Suzhou, China |                                                            |                                                                     |                                                                                       |                                        |
| <b>Prüfgegenstand:</b><br>Test item:                                                                                                                                                                                                                                                                                                                                                                                                                                | Intelligent Connected Infotainment                                                                             |                                                            |                                                                     |                                                                                       |                                        |
| <b>Bezeichnung / Typ-Nr.:</b><br>Identification / Type no.:                                                                                                                                                                                                                                                                                                                                                                                                         | GWMV3-(B01)                                                                                                    |                                                            |                                                                     |                                                                                       |                                        |
| <b>Auftrags-Inhalt:</b><br>Order content:                                                                                                                                                                                                                                                                                                                                                                                                                           | Test Report                                                                                                    |                                                            |                                                                     |                                                                                       |                                        |
| <b>Prüfgrundlage:</b><br>Test specification:                                                                                                                                                                                                                                                                                                                                                                                                                        | 47 CFR FCC Part 15.109                                                                                         |                                                            |                                                                     |                                                                                       |                                        |
| <b>Wareneingangsdatum:</b><br>Date of sample receipt:                                                                                                                                                                                                                                                                                                                                                                                                               | 2020-10-20                                                                                                     | Refer to Photo Documentation                               |                                                                     |                                                                                       |                                        |
| <b>Prüfmuster-Nr.:</b><br>Test sample no.:                                                                                                                                                                                                                                                                                                                                                                                                                          | A002907010-001<br>A002907010-002                                                                               |                                                            |                                                                     |                                                                                       |                                        |
| <b>Prüfzeitraum:</b><br>Testing period:                                                                                                                                                                                                                                                                                                                                                                                                                             | 2020-10-22 to 2020-11-02                                                                                       |                                                            |                                                                     |                                                                                       |                                        |
| <b>Ort der Prüfung:</b><br>Place of testing:                                                                                                                                                                                                                                                                                                                                                                                                                        | Dongguan Dongdian<br>Testing Service Co., Ltd.                                                                 |                                                            |                                                                     |                                                                                       |                                        |
| <b>Prüflaboratorium:</b><br>Testing laboratory:                                                                                                                                                                                                                                                                                                                                                                                                                     | TÜV Rheinland (Shenzhen)<br>Co., Ltd.                                                                          |                                                            |                                                                     |                                                                                       |                                        |
| <b>Prüfergebnis*:</b><br>Test result*:                                                                                                                                                                                                                                                                                                                                                                                                                              | Pass                                                                                                           |                                                            |                                                                     |                                                                                       |                                        |
| <b>geprüft von:</b><br>tested by:                                                                                                                                                                                                                                                                                                                                                                                                                                   |                             |                                                            | <b>genehmigt von:</b><br>authorized by:                             |  |                                        |
| <b>Datum:</b><br>Date:                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2020-11-17<br><small>Signed by: Hardy Suo</small>                                                              |                                                            | <b>Ausstellungsdatum:</b><br>Issue date:                            | 2020-11-17<br><small>Signed by: Sam Lin</small>                                       |                                        |
| <b>Stellung / Position:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         | Sachverständige(r) / Expert                                                                                    |                                                            | <b>Stellung / Position:</b>                                         | Sachverständige(r) / Expert                                                           |                                        |
| <b>Sonstiges / Other:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           | FCC ID: 2AX7AV3ICCPPLATFORM<br><br>This report is for FM operation.                                            |                                                            |                                                                     |                                                                                       |                                        |
| <b>Zustand des Prüfgegenstandes bei Anlieferung:</b><br>Condition of the test item at delivery:                                                                                                                                                                                                                                                                                                                                                                     | Prüfmuster vollständig und unbeschädigt<br>Test item complete and undamaged                                    |                                                            |                                                                     |                                                                                       |                                        |
| <b>* Legende:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 = sehr gut<br>P(ass) = entspricht o.g. Prüfgrundlage(n)                                                      | 2 = gut<br>F(ail) = entspricht nicht o.g. Prüfgrundlage(n) | 3 = befriedigend<br>F(ail) = entspricht nicht o.g. Prüfgrundlage(n) | 4 = ausreichend<br>N/A = nicht anwendbar                                              | 5 = mangelhaft<br>N/T = nicht getestet |
| <b>* Legend:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 = very good<br>P(ass) = passed a.m. test specification(s)                                                    | 2 = good<br>F(ail) = failed a.m. test specification(s)     | 3 = satisfactory<br>F(ail) = failed a.m. test specification(s)      | 4 = sufficient<br>N/A = not applicable                                                | 5 = poor<br>N/T = not tested           |
| <p><b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b><br/> <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p> |                                                                                                                |                                                            |                                                                     |                                                                                       |                                        |

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## TEST SUMMARY

5.1.1 RADIATED EMISSION  
RESULT: Pass

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## 1. GENERAL REMARKS

### 1.1 COMPLEMENTARY MATERIALS

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of FM operation mode

Appendix B: Photographs of the Test Set-Up

### 1.2 TEST STANDARD(S)

Applied Rules: 47 CFR FCC Part 15.109  
Test Method: ANSI C63.4:2014

## 2. TEST SITES

### 2.1 TEST FACILITIES

Dongguan Dongdian Testing Service Co., Ltd.  
(FCC Registration No.: 540522 & IC Registration Number: 10288A)

Address: No. 17, Zongbu Road 2, Songshan Lake, Sci&Tech Industry Park, Dongguan City, Guangdong Province, 523808, P.R. China

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## 2.2 TEST DATE

Date of test: 2020-10-22 to 2020-11-02

## 2.3 LIST OF TEST AND MEASUREMENT INSTRUMENTS

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

| Radiated emissions test |                            |              |              |             |               |               |
|-------------------------|----------------------------|--------------|--------------|-------------|---------------|---------------|
| Item                    | Equipment                  | Manufacturer | Model No.    | Serial No.  | Last Cal.     | Cal. Interval |
| 2# chamber Above 1G     |                            |              |              |             |               |               |
| 1                       | Spectrum analyzer          | Agilent      | E4447A       | MY50180031  | Jul. 01, 2020 | 1 Year        |
| 3                       | Double Ridged Horn Antenna | Schwarzbeck  | BBHA9120     | 02108       | Jul. 11, 2020 | 1 Year        |
| 4                       | Broad Band Horn Antenna    | Schwarzbeck  | BBHA 9170    | 790         | Apr. 11, 2020 | 1 Year        |
| 5                       | Pre-amplifier              | TERA-MW      | TRLA-0040G35 | 101303      | Sep. 28, 2020 | 1 Year        |
| 6                       | RF Cable                   | N/A          | 14+1.5m      | 06270619    | Sep. 28, 2020 | 1 Year        |
| 7                       | Test software              | Audix        | E3           | V 6.11111b  | N/A           | N/A           |
| 2# chamber Below 1G     |                            |              |              |             |               |               |
| 1                       | Test Receiver              | R&S          | ESCI         | 101028      | Oct. 15, 2020 | 1 Year        |
| 2                       | Trilog Broadband Antenna   | Schwarzbeck  | VULB 9163    | 9163-994    | Nov. 24, 2019 | 1 Year        |
| 3                       | RF Cable                   | MI Cable     | N/A          | DDT-F02-233 | Sep. 28, 2020 | 1 Year        |
| 4                       | RF Cable                   | MI Cable     | N/A          | DDT-F02-234 | Sep. 28, 2020 | 1 Year        |
| 5                       | RF Cable                   | MI Cable     | N/A          | DDT-F02-235 | Sep. 28, 2020 | 1 Year        |
| 6                       | Test software              | Audix        | E3           | V 6.11111b  | N/A           | N/A           |

## 2.4 Traceability

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

## 2.5 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.

## 2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

## 2.7 Status of Facility Used for Testing

The Dongguan Dongdian Testing Service Co., Ltd. facility located at No. 17, Zongbu Road 2, Songshan Lake, Sci&Tech Industry Park, Dongguan City, Guangdong Province, 523808, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

### 3. GENERAL PRODUCT INFORMATION

#### 3.1 GENERAL DESCRIPTION

The EUT is an Intelligent Connected Infotainment which used in vehicle.

For details refer to the User Manual, Technical Description and Circuit Diagram.

#### 3.2 RATING AND SYSTEM DETAILS

**Table 2: Rating of EUT**

| General Information of EUT                                                                                                           | Description                        |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Kind of Equipment:                                                                                                                   | Intelligent Connected Infotainment |
| Type Designation:                                                                                                                    | GWMV3-(B01)                        |
| Operating Voltage:                                                                                                                   | DC 12 V                            |
| Broadcast receiver operating mode:                                                                                                   | AM, FM                             |
| Radiofrequency operating mode:                                                                                                       | Bluetooth classic V2.1+EDR         |
| Operating Temperature Range:                                                                                                         | -40°C ~ +85°C                      |
| The cables used for EUT as declared by manufacturer is less than 3m, except the cables of speakers and rear camera are more than 3m. |                                    |

**Table 3: Technical Specification of EUT**

| Characteristic                 | Description  |
|--------------------------------|--------------|
| Operated Modes:                | FM           |
| Operational Frequency Band(s): | FM Band      |
| Operating Frequency Range:     | 88 – 108 MHz |
| Modulation Type:               | FM           |

#### 3.3 INDEPENDENT OPERATION MODES

The basic operation modes are:

- A. Receiving
  - 1) Low Channel
  - 2) Middle Channel
  - 3) High Channel
- B. Standby
- C. Off

### 3.4 NOISE GENERATING AND NOISE SUPPRESSING PARTS

Refer to the Circuit Diagram.

### 3.5 SUBMITTED DOCUMENTS

- |                                                     |                                                    |
|-----------------------------------------------------|----------------------------------------------------|
| <input checked="" type="checkbox"/> User Manual     | <input checked="" type="checkbox"/> Rating Label   |
| <input checked="" type="checkbox"/> Circuit Diagram | <input type="checkbox"/> PCB Layout                |
| <input checked="" type="checkbox"/> Block Diagram   | <input checked="" type="checkbox"/> Photo Document |
| <input checked="" type="checkbox"/> Schematics      | <input checked="" type="checkbox"/> Parts List     |
| <input type="checkbox"/> Model Difference Letter    |                                                    |



## 4. TEST SET-UP AND OPERATION MODES

### 4.1 PRINCIPLE OF CONFIGURATION SELECTION

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

### 4.2 TEST OPERATION AND TEST SOFTWARE

Test operation refers to test setup in chapter 5.

**Table 4: Test Environments**

| Environment<br>Parameter | Selected Values During Tests |                   |                   |
|--------------------------|------------------------------|-------------------|-------------------|
|                          | Temperature (°C)             | Voltage (V)<br>DC | Relative Humidity |
| Normal (NTNV)            | 23                           | 12                | 50%               |
| HTHV                     | ---                          | ---               | ---               |
| LTHV                     | ---                          | ---               | ---               |
| HTLV                     | ---                          | ---               | ---               |
| LTLV                     | ---                          | ---               | ---               |

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## 4.3 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT

Table 5: Auxiliary Equipment used during test

| Name | Model | Manufacturer | S/N |
|------|-------|--------------|-----|
| -    | -     | -            | -   |

## 4.4 COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE

The test sample, which has been tested, contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

## 4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

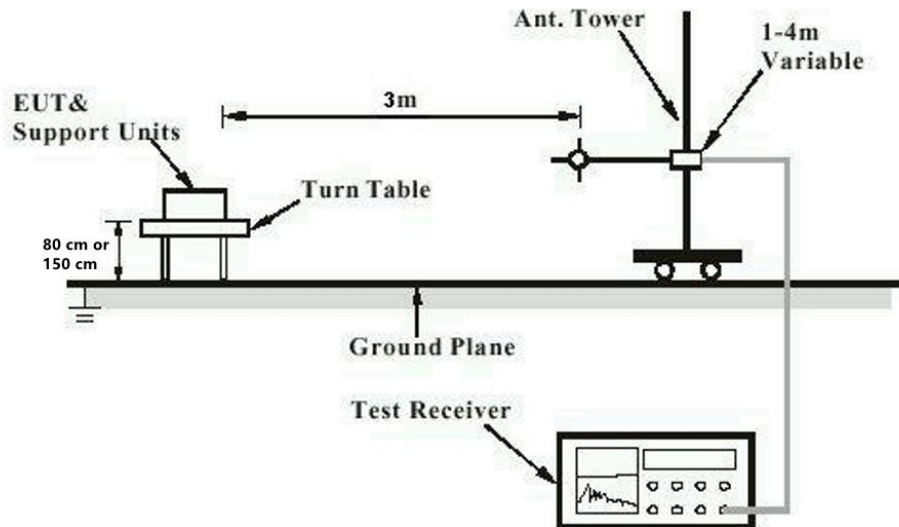
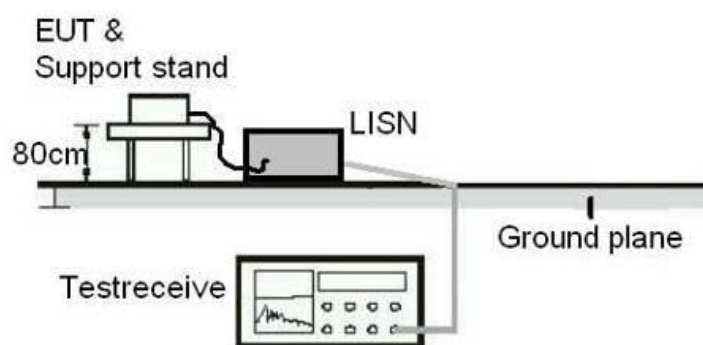


Diagram of Measurement Equipment Configuration for Conduction Measurement



## 5. TEST RESULTS

### 5.1 ESSENTIAL REQUIREMENTS OF STANDARD

#### 5.1.1 RADIATED EMISSION

**RESULT:****Pass**

|                   |   |                           |
|-------------------|---|---------------------------|
| Test standard     | : | b)                        |
| Frequency range   | : | 30 - 1000MHz, 1- 6GHz     |
| Classification    | : | Class B                   |
| Test procedure    | : | ANSI C63.4:2014           |
| Limits            | : | 47 CFR FCC Part 15.109(a) |
| Test procedure    | : | ANSI C63.10:2013          |
| Kind of test site | : | 3m Semi Anechoic Room     |

**Test Setup**

|                      |   |                                                                                                                |
|----------------------|---|----------------------------------------------------------------------------------------------------------------|
| Date of testing      | : | 2020-10-22 to 2020-11-02                                                                                       |
| Input voltage        | : | DC 12V                                                                                                         |
| Test environment     | : | <input checked="" type="checkbox"/> Normal test conditions<br><input type="checkbox"/> Extreme test conditions |
| Operation mode       | : | A                                                                                                              |
| Ambient temperature  | : | Refer to test data.                                                                                            |
| Relative humidity    | : | Refer to test data.                                                                                            |
| Atmospheric pressure | : | 101.4 kPa                                                                                                      |

Refer to attached Appendix A for details of test results.

## 6. SYSTEM MEASUREMENT UNCERTAINTY

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

**Table 6: System Measurement Uncertainty**

| Items                               |                                  | Extended Uncertainty |
|-------------------------------------|----------------------------------|----------------------|
| RE                                  | Radiated emission 9 kHz - 30 MHz | ±4.37 dB             |
|                                     | Radiated emission 30 MHz - 1 GHz | ±5.30 dB             |
| Remark: 95% Confidence Levels, K=2. |                                  |                      |

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# Appendix A

## Test Results of FM operation mode

|                                                               |          |
|---------------------------------------------------------------|----------|
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| <b>RADIATED EMISSIONS BELOW 1 GHz .....</b>                   | <b>2</b> |
| <b>RADIATED EMISSIONS ABOVE 1 GHz .....</b>                   | <b>4</b> |

**Appendix A.1: Test Results of Radiated Emissions**

\*Remark: The test data of worst case records in this report.

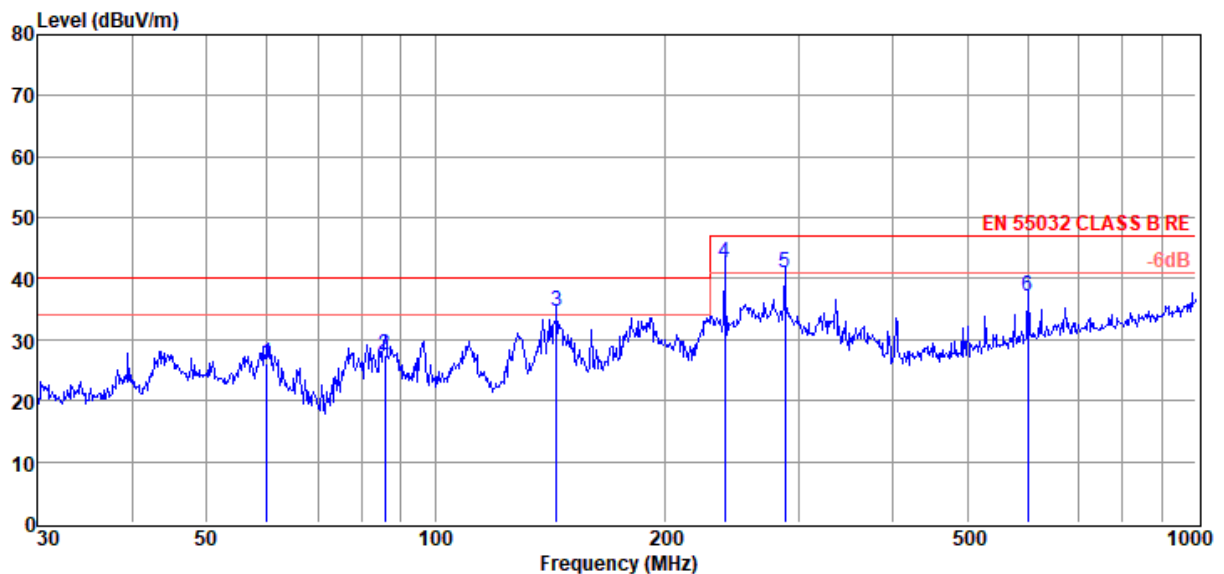
\*Remark: No significant emissions found above 6GHz, hence did not recorded in this report.

## Radiated Emissions below 1 GHz

## Horizontal, below 1 GHz

**Test Site** : DDT 3m Chamber 1# **D:\2020 RE 1# Report data\Q20101915-1E\RE.EM6**  
**Test Date** : 2020-11-02 **Tested By** : Junchang Du  
**EUT** : Intelligent Connected Infotainment **Model Number** : GWMV3-(B01)  
**Power Supply** : DC 12V **Test Mode** : FM mode  
**Condition** : TEMP:24.5°C, RH:55.4%, BP:101.4kPa **Antenna/Distance** : 2019 VULB 9163 1#/3m/HORIZONTAL  
**Memo** :

Data: 9



| Item<br>(Mark) | Freq.<br>(MHz) | Read Level<br>(dBμV) | Antenna Factor<br>(dB/m) | Cable Loss<br>dB | Result Level<br>(dBμV/m) | FCC Limit<br>(dBμV/m) | Over Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|----------------------|--------------------------|------------------|--------------------------|-----------------------|--------------------|----------|--------------|
| 1              | 60.07          | 9.14                 | 12.97                    | 4.09             | 26.20                    | 40.0                  | 13.8               | QP       | HORIZONTAL   |
| 2              | 85.90          | 13.07                | 10.19                    | 4.30             | 27.56                    | 40.0                  | 12.44              | QP       | HORIZONTAL   |
| 3              | 144.34         | 21.40                | 8.41                     | 4.71             | 34.52                    | 43.5                  | 8.98               | QP       | HORIZONTAL   |
| 4              | 239.99         | 24.87                | 12.61                    | 5.24             | 42.72                    | 46.0                  | 3.28               | QP       | HORIZONTAL   |
| 5              | 287.99         | 21.54                | 13.83                    | 5.47             | 40.84                    | 46.0                  | 5.16               | QP       | HORIZONTAL   |
| 6              | 601.43         | 11.24                | 19.21                    | 6.74             | 37.19                    | 46.0                  | 8.81               | QP       | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

## Vertical, below 1 GHz

Test Site : DDT 3m Chamber 1#

D:\2020 RE 1# Report data\Q20101915-1E\RE.EM6

Test Date : 2020-11-02

Tested By : Junchang Du

EUT : Intelligent Connected Infotainment

Model Number : GWMV3-(B01)

Power Supply : DC 12V

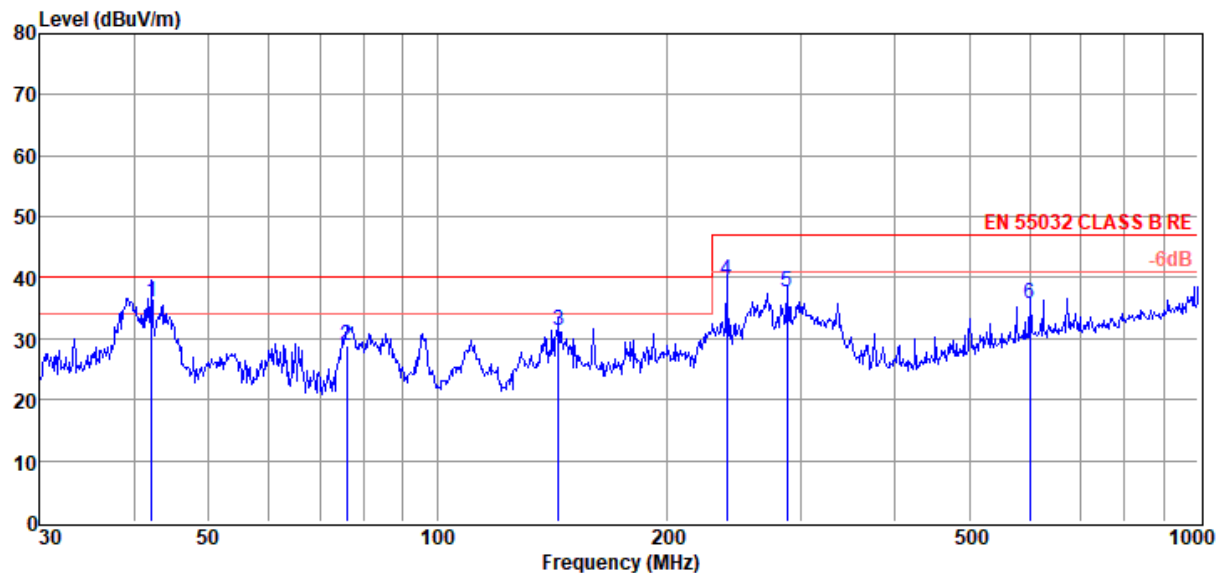
Test Mode : FM mode

Condition : TEMP:24.5°C, RH:55.4%, BP:101.4kPa

Antenna/Distance : 2019 VULB 9163 1#/3m/VERTICAL

Memo :

Data: 10



| Item<br>(Mark) | Freq.<br>(MHz) | Read Level<br>(dBμV) | Antenna Factor<br>(dB/m) | Cable Loss<br>dB | Result Level<br>(dBμV/m) | FCC Limit<br>(dBμV/m) | Over Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|----------------------|--------------------------|------------------|--------------------------|-----------------------|--------------------|----------|--------------|
| 1              | 42.15          | 18.40                | 13.82                    | 3.92             | 36.14                    | 40.0                  | 3.86               | QP       | VERTICAL     |
| 2              | 75.98          | 15.48                | 9.29                     | 4.22             | 28.99                    | 40.0                  | 11.01              | QP       | VERTICAL     |
| 3              | 144.34         | 18.12                | 8.41                     | 4.71             | 31.24                    | 43.5                  | 12.26              | QP       | VERTICAL     |
| 4              | 239.99         | 21.67                | 12.61                    | 5.24             | 39.52                    | 46.0                  | 6.48               | QP       | VERTICAL     |
| 5              | 287.99         | 18.33                | 13.83                    | 5.47             | 37.63                    | 46.0                  | 8.37               | QP       | VERTICAL     |
| 6              | 601.43         | 9.92                 | 19.21                    | 6.74             | 35.87                    | 46.0                  | 10.13              | QP       | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

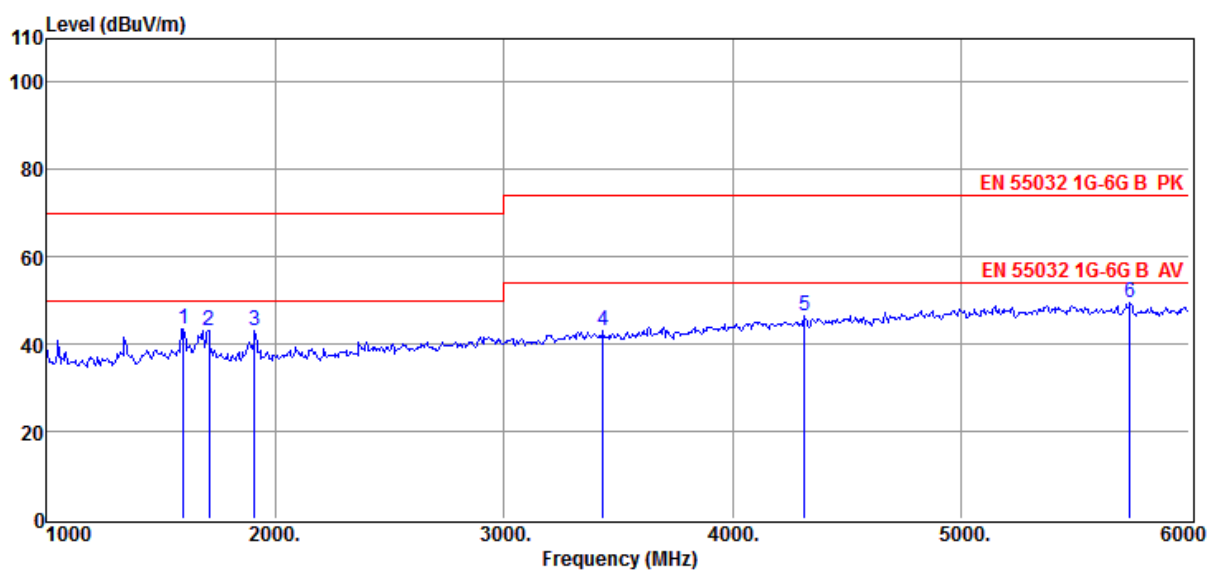


## Radiated Emissions above 1 GHz

## Horizontal, above 1 GHz

**Test Site** : DDT 3m Chamber 2# **D:\2020 RE2# Report Data\Q20101915-1E\1022 RE-H.EM6**  
**Test Date** : 2020-10-22 **Tested By** : Vic Xie  
**EUT** : Intelligent Connected Infotainment **Model Number** : GWMV3-(B01)  
**Power Supply** : DC 12V **Test Mode** : FM mode  
**Condition** : Temp:26.1°C,Humi:59%,Press:101.4kPa **Antenna/Distance** : 2019 BBHA9120D/3m/HORIZONTAL  
**Memo** :

Data: 2



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV<br>) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | FCC<br>Limit<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-----------------------------|-----------------------------|---------------------|---------------------|-----------------------------|--------------------------|-----------------------|----------|--------------|
| 1              | 1600.00        | 56.83                       | 25.74                       | 42.32               | 3.15                | 43.40                       | 74.0                     | 30.6                  | Peak     | HORIZONTAL   |
| 2              | 1710.00        | 56.48                       | 26.00                       | 42.53               | 3.29                | 43.24                       | 74.0                     | 30.76                 | Peak     | HORIZONTAL   |
| 3              | 1910.00        | 55.77                       | 26.48                       | 42.86               | 3.54                | 42.93                       | 74.0                     | 31.07                 | Peak     | HORIZONTAL   |
| 4              | 3435.00        | 52.24                       | 29.27                       | 43.62               | 5.09                | 42.98                       | 74.0                     | 31.02                 | Peak     | HORIZONTAL   |
| 5              | 4315.00        | 52.76                       | 31.36                       | 43.67               | 5.87                | 46.32                       | 74.0                     | 27.68                 | Peak     | HORIZONTAL   |
| 6              | 5740.00        | 52.87                       | 32.94                       | 43.18               | 6.79                | 49.42                       | 74.0                     | 24.58                 | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

# Vertical, above 1 GHz

**Test Site** : DDT 3m Chamber 2# **D:\2020 RE2# Report Data\Q20101915-1E\1022 RE-H.EM6**

**Test Date** : 2020-10-22 **Tested By** : Vic Xie

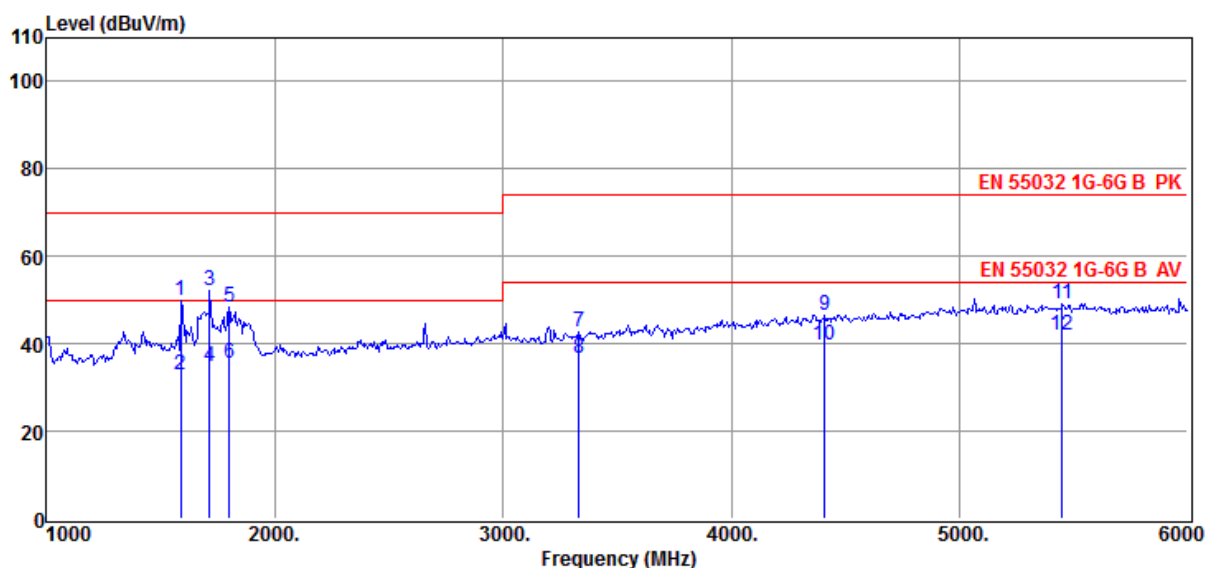
**EUT** : Intelligent Connected Infotainment **Model Number** : GWMV3-(B01)

**Power Supply** : DC 12V **Test Mode** : FM mode

**Condition** : Temp:26.1°C,Humi:59%,Press:101.4kPa **Antenna/Distance** : 2019 BBHA9120D/3m/VERTICAL

**Memo** :

Data: 1



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | FCC<br>Limit<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|--------------------------|-----------------------|----------|--------------|
| 1              | 1590.00        | 63.23                   | 25.72                       | 42.30               | 3.14                | 49.79                       | 74.0                     | 24.21                 | Peak     | VERTICAL     |
| 2              | 1590.00        | 46.29                   | 25.72                       | 42.30               | 3.14                | 32.85                       | 54.0                     | 21.15                 | Average  | VERTICAL     |
| 3              | 1715.00        | 65.25                   | 26.02                       | 42.53               | 3.30                | 52.04                       | 74.0                     | 21.96                 | Peak     | VERTICAL     |
| 4              | 1715.00        | 47.99                   | 26.02                       | 42.53               | 3.30                | 34.78                       | 54.0                     | 19.22                 | Average  | VERTICAL     |
| 5              | 1800.00        | 61.49                   | 26.22                       | 42.68               | 3.40                | 48.43                       | 74.0                     | 25.57                 | Peak     | VERTICAL     |
| 6              | 1800.00        | 48.49                   | 26.22                       | 42.68               | 3.40                | 35.43                       | 54.0                     | 18.57                 | Average  | VERTICAL     |
| 7              | 3335.00        | 52.23                   | 29.23                       | 43.59               | 4.98                | 42.85                       | 74.0                     | 31.15                 | Peak     | VERTICAL     |
| 8              | 3335.00        | 46.23                   | 29.23                       | 43.59               | 4.98                | 36.85                       | 54.0                     | 17.15                 | Average  | VERTICAL     |
| 9              | 4410.00        | 52.73                   | 31.58                       | 43.63               | 5.93                | 46.61                       | 74.0                     | 27.39                 | Peak     | VERTICAL     |
| 10             | 4410.00        | 45.73                   | 31.58                       | 43.63               | 5.93                | 39.61                       | 54.0                     | 14.39                 | Average  | VERTICAL     |
| 11             | 5450.00        | 53.12                   | 32.68                       | 43.27               | 6.59                | 49.12                       | 74.0                     | 24.88                 | Peak     | VERTICAL     |
| 12             | 5450.00        | 46.12                   | 32.68                       | 43.27               | 6.59                | 42.12                       | 54.0                     | 11.88                 | Average  | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.