



CERTIFICATE OF CONFORMITY

FCC and ISED Test Report

For the following information

Ref. File No.:C1M2012197

| | |
|---------------------|---|
| Product | Personal Computer |
| Model | Veriton N4740G |
| Brand | Acer |
| Applicant | Acer India Pvt. Ltd. |
| Test Report Number | EM-F200633 |
| Rules and Standards | Title 47 FCC CFR, Part 15, Subpart B, Class B and ICES-003 Issue 6, Class B ANSI C63.4-2014 |

We hereby certify that the above product has been tested by us and complied with above FCC and ICES official limits. The test was performed according to the procedures ANSI C63.4-2014. The equipment might be marketed in US or Canada in accordance with the rules of 47 CFR FCC Part 2 and ISED regulations. The test data and results are issued on the test report no. EM-F200633.

Signature

Alex Deng/Deputy Manager

Date: 2020. 12. 29

Test Laboratory:
AUDIX Technology Corporation, EMC Department
NVLAP Lab. Code: 200077-0
TAF Accreditation No.: 1724
FCC OET Designation: TW1004 & TW1090
Web Site: www.audixtech.com

The statement is based on a single evaluation of one sample of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

TEST REPORT

Personal Computer
Model Number: Veriton N4740G
Brand: Acer
FCC ID: 2AMY3VERITONN4740G

Applicant for:

Acer India Pvt. Ltd.
Embassy Heights” 6th Floor, No.13, Magrath Road,
(Next to Hosmat Hospital) Bangalore 560025, India

Prepared by:

Audix Technology Corporation, EMC Department
No. 53-11, Dingfu, Linkou Dist.,
New Taipei City 244, Taiwan



File No. : C1M2012197
Report No. : EM-F200633
Date of Report : 2020. 12. 29

The test report is based on a single evaluation of one sample of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Test Report

Applicant : Acer India Pvt. Ltd.
EUT Description
(1) Product : Personal Computer
(2) Model Number : Veriton N4740G
(3) Brand : Acer
(4) Power Rating : DC 19V

Rules of Compliance and Applicable Standards:

Title 47 FCC CFR, Part 15, Subpart B, Class B and
ICES-003 Issue 6, Class B
ANSI C63.4-2014

The device described above was tested by Audix Technology Corporation to determine the maximum emission levels emanating from the device. All of the tests were requested by the applicant and the results thereof based upon the information that the applicant provided to us. We, Audix Technology Corporation assumes full responsibility for the accuracy and completeness of these measurements. This report is made under FCC Part 2.938 and ICES-003 chapter 7, and shows that the EUT is technically compliance with the class B limit for both **FCC rule and ICES** standard described as above.

No modifications were required during testing to bring this product into compliance.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Audix Technology Corporation.

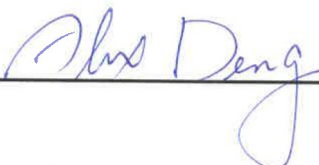
Date of Report : 2020. 12. 29

Reviewed by:



(Annie Yu/Administrator)

Approved by:



(Alex Deng/Deputy Manager)

Name of the Representative of the Responsible Party:

Signature:

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APPENDIX I (Lab. Certificates)

APPENDIX II (Test Photographs)

1. Revision Record of Test Report

| Issued Date | Edition No. | Revision Summary | Report Number |
|--------------|-------------|------------------|---------------|
| 2020. 12. 29 | 0 | Original Report. | EM-F200633 |

2. Summary of Test Result

2.1. Test Result

| Emissions | | | |
|--|---|---------|--|
| Test Item | Referred Standard | Limit | Result |
| Power-line conducted emission | Title 47 FCC CFR Part 15 Subpart B and ICES-003 Issue 6 | Class B | Pass |
| | | | Margin 7.23dB at 0.296MHz |
| Radiated emissions (30 – 1000MHz) | Title 47 FCC CFR Part 15 Subpart B and ICES-003 Issue 6 | Class B | Pass |
| | | | Margin 4.31dB at 891.451MHz (Horizontal, 4.0m/55°) |
| Radiated emissions (Above 1GHz) | Title 47 FCC CFR Part 15 Subpart B and ICES-003 Issue 6 | Class B | Pass |
| | | | Margin 15.71dB at 2698.780MHz |
| <p>Note :</p> <ol style="list-style-type: none"> 1. The uncertainties value is not used in determining the result. 2. N/A is an abbreviation for Not Applicable. 3. Special measures: None 4. Decision and justification not to measure: None 5. The FCC Part 15 Subpart B emission measurement results are deemed satisfactory evidence of compliance with ICES-003 regulations. | | | |

2.2. Description of Test Firm

| | |
|-------------------|---|
| Name of Test Firm | Audix Technology Corporation / EMC Department No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan Tel: +886-2-26092133 Fax: +886-2-26099303 Website : www.audixtech.com Contact e-mail: attemc_report@audixtech.com |
| Accreditations | The laboratory is accredited by following organizations under ISO/IEC 17025:2017 (1) NVLAP(USA) NVLAP Lab Code 200077-0 (2) TAF(Taiwan) No. 1724 |
| Test Facilities | (1) No. 5 Shielding Room (2) No. 6 Open Area Test Site (3) No. 2 3m Semi Anechoic Chamber |

3. General Information

3.1. Description of Application

| | |
|--------------|---|
| Applicant | Acer India Pvt. Ltd. Embassy Heights” 6th Floor, No.13, Magrath Road, (Next to Hosmat Hospital) Bangalore 560025, India |
| Product | Personal Computer |
| Brand | Acer |
| Model Number | Veriton N4740G |

3.2. Description of the EUT

| | |
|------------------------|---|
| Test Model | Veriton N4740G |
| Serial Number | N/A |
| Power Rating | DC 19V (Refer to AC adapter rating) |
| Hardware Version | N/A |
| Software Version | N/A |
| Sample Status | Mass production |
| Date of Receipt | 2020. 12. 17 |
| Date of Test | 2020. 12. 23 ~ 25 |
| Interface Ports of EUT | <p>Front Side</p> <ul style="list-style-type: none"> • USB 3.2 Gen 1x1 Ports x2 • USB 3.2 Gen 1x1 Type-C Port x1 • Audio Jacks (MIC and Line-Out) x2 <p>Rear Side</p> <ul style="list-style-type: none"> • DC-IN Port x1 • DP Ports x2 • D-Sub Port x1 • HDMI Port x1 • 10/100/1000 LAN RJ45 Port x1 • USB 2.0 Ports x4 |
| Accessories Supplied | <ul style="list-style-type: none"> • AC Adapter • VESA Mount |

3.3. Highest Frequency within EUT

The Highest frequency is Above 108MHz of EUT.

3.4. Modification Record

This report is made under FCC Part 2.938.No modifications were required during testing to bring this product into compliance.

3.5. List of Key Components of EUT

| Item | Supplier | Model / Type | Character |
|---------------------------------------|--|----------------------|--|
| Mother Board | Acer | H410-SF110 | --- |
| Chassis | Hunkey | SF110 35W | Case A Without Exhaust Vents at Top |
| | Hunkey | SF110 65W | Case B With Exhaust Vents at Top |
| CPU (Socket: LGA 1200) (Option) | Intel | i7-10700T | 2.0GHz, Support TDP 35W max. |
| | Intel | i7-10700 | 2.9GHz, Support TDP 65W max. |
| M.2 SSD (Option) | Kingston | RBU-SNS8180S3/128GJ | M.2 SSD 128GB |
| DIMM (Max. 2pcs) (Option) | Goldkey | GKE160SO102408-2666A | 16GB DDR4 2666 |
| SSD (Option) | BIWIN | CSE25GS1F71-512 | 512GB, 2.5", SATA SSD |
| WLAN Combo Card | Intel | 3165NGW | IEEE802.11 a/b/g/n/ac , BT4.2 FCC ID: PD93165NG IC: 1000M-3165NG |
| Antenna | Linking | T-543-9291166-2 | Main Black, PIFA Antenna |
| | | T-543-9291166-1 | AUX Gray, PIFA Antenna |
| AC Adapter | APD | DA-90J19 | I/P: 100-240Vac, 50-60Hz, 1.5A Max O/P: 19Vdc, 4.74A, 90W (3C) |
| | FSP | FSP120-ABBN3 | I/P: 100-240Vac, 50-60Hz, 1.8A O/P: 19Vdc, 6.32A, 120W (3C) |
| | DC Power Cord: Non-Shielded, Undetached, 1.8m, Bonded a ferrite core AC Power Cord: Non-Shielded, Detached, 1.8m (3C) | | |

Remark: For more detailed features description, please refer to the manufacturer's specifications or the user manual.

The EUT has two configurations, please see follow list:

| Configuration | A | B |
|------------------|---|--|
| Chassis | Hunkey, SF110 35W Without Exhaust Vents at Top | Hunkey, SF110 65W With Exhaust Vents at Top |
| CPU | i7-10700T | i7-10700 |
| EUT DC in Rating | DC 19 V/4.74A | DC 19 V/6.32A |
| AC Adapter | APD, DA-90J19 | FSP, FSP120-ABBN3 |

3.6. Determination of Worse Case Operating Modes

- According to the specification and Product function, the EUT was estimated to determine the highest emissions by following configurations, the EUT was pre-tested with following configuration modes:

| SKU #1 & #2 | | #1 | | | | | | | | #2 | #1 |
|---------------------------------------|--|----|---|---|---|---|---|---|---|----|----|
| Mode #1 - #9 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Chassis | SF110 35W (Case A) | | | | | | | | | V | |
| | SF110 65W (Case B) | V | V | V | V | V | V | V | V | V | V |
| Input Rating | 120Vac/60Hz | V | V | V | V | V | V | V | V | V | V |
| EUT Setting | Horizontal | V | V | V | V | V | V | V | V | V | |
| | Vertical | | | | | | | | | | V |
| Mother Board | Acer, H410-SF110 | V | V | V | V | V | V | V | V | V | V |
| CPU (Socket: LGA 1200) (Option) | Intel, i7-10700T/2.0GHz, TDP 35W max. | | | | | | | | | V | |
| | Intel, i7-10700/2.9GHz, TDP 65W max. | V | V | V | V | V | V | V | V | | V |
| M.2 SSD (Option) | Kingston, RBU-SNS8180S3/128GJ / 128GB | V | V | V | V | V | V | V | V | V | V |
| DIMM (Max. 2pcs) (Option) | Goldkey, GKE160SO102408-2666A / 16GB DDR4 2666 | V | V | V | V | V | V | V | V | V | V |
| SSD (Option) | BIWIN, CSE25GS1F71-512 / 512GB | V | V | V | V | V | V | V | V | V | V |
| WLAN+BT Combo Card | Intel, 3165NGW | V | V | V | V | V | V | V | V | V | V |
| Antenna | Linking, T-543-9291166-2,Main Black | V | V | V | V | V | V | V | V | V | V |
| | Linking, T-543-9291166-1,AUX Gray | V | V | V | V | V | V | V | V | V | V |
| Adapter | APD, DA-90J19 ,19V, 4.74A | | | | | | | | | V | |
| | FSP,FSP120-ABBN3,19V, 6.32A | V | V | V | V | V | V | V | V | | V |
| Resolution (Display: HDMI+DP1) | 3840x2160/60Hz (WLAN 2.4G) | V | | | | | | | | V | V |
| Resolution (Display: HDMI+DP2) | | | V | | | | | | | | |
| Resolution (Display: DP1+DP2) | | | | V | | | | | | | |
| Resolution (Display: HDMI+D-Sub) | 1920*1080/60Hz (WLAN 5G+BT) | | | | V | | | | | | |
| Resolution (Display: DP1+D-Sub) | | | | | | V | | | | | |
| Resolution (Display: DP2+D-Sub) | | | | | | | V | | | | |
| Resolution (Display: HDMI+DP1) | 1280*1024/75Hz (WLAN 2.4G) | | | | | | | V | | | |
| Resolution (Display: HDMI+DP1) | 640*480/60Hz (WLAN 2.4G) | | | | | | | | V | | |
| Type C | Type C (HDD) | V | | V | V | V | V | V | V | V | V |
| | USB (5V/1.5A) | | V | | | | | | | | |

3.7. Final Test Configuration

- According to radiated emission pre-test results, the worst configuration was found as follows:

| SKU | | #1 | #2 |
|------------------------------------|--|----|----|
| Mode | | 1 | 9 |
| Chassis | SF110 35W (Case A) | | V |
| | SF110 65W (Case B) | V | |
| Mother Board | Acer, H410-SF110 | V | V |
| CPU (Socket: LGA 1200) (Option) | Intel, i7-10700T/2.0GHz, TDP 35W max. | | V |
| | Intel, i7-10700/2.9GHz, TDP 65W max. | V | |
| M.2 SSD (Option) | Kingston, RBU-SNS8180S3/128GJ / 128GB | V | V |
| SSD (Option) | BIWIN, CSE25GS1F71-512 / 512GB | V | V |
| DIMM(Max. 2pcs) (Option) | Goldkey, GKE160SO102408-2666A /16GB DDR4 2666 | V | V |
| WLAN+BT Combo Card | Intel, 3165NGW | V | V |
| Antenna | Linking, T-543-9291166-2, Main Black | V | V |
| | Linking, T-543-9291166-1, AUX Gray | V | V |
| Adapter | APD, DA-90J19 ,19V, 4.74A, 90W | | V |
| | FSP, FSP120-ABBN3,19V, 6.32A, 120W | V | |

- The worst configuration and therefore only it was tested and recorded in this report with test voltage of 120Vac, 60Hz

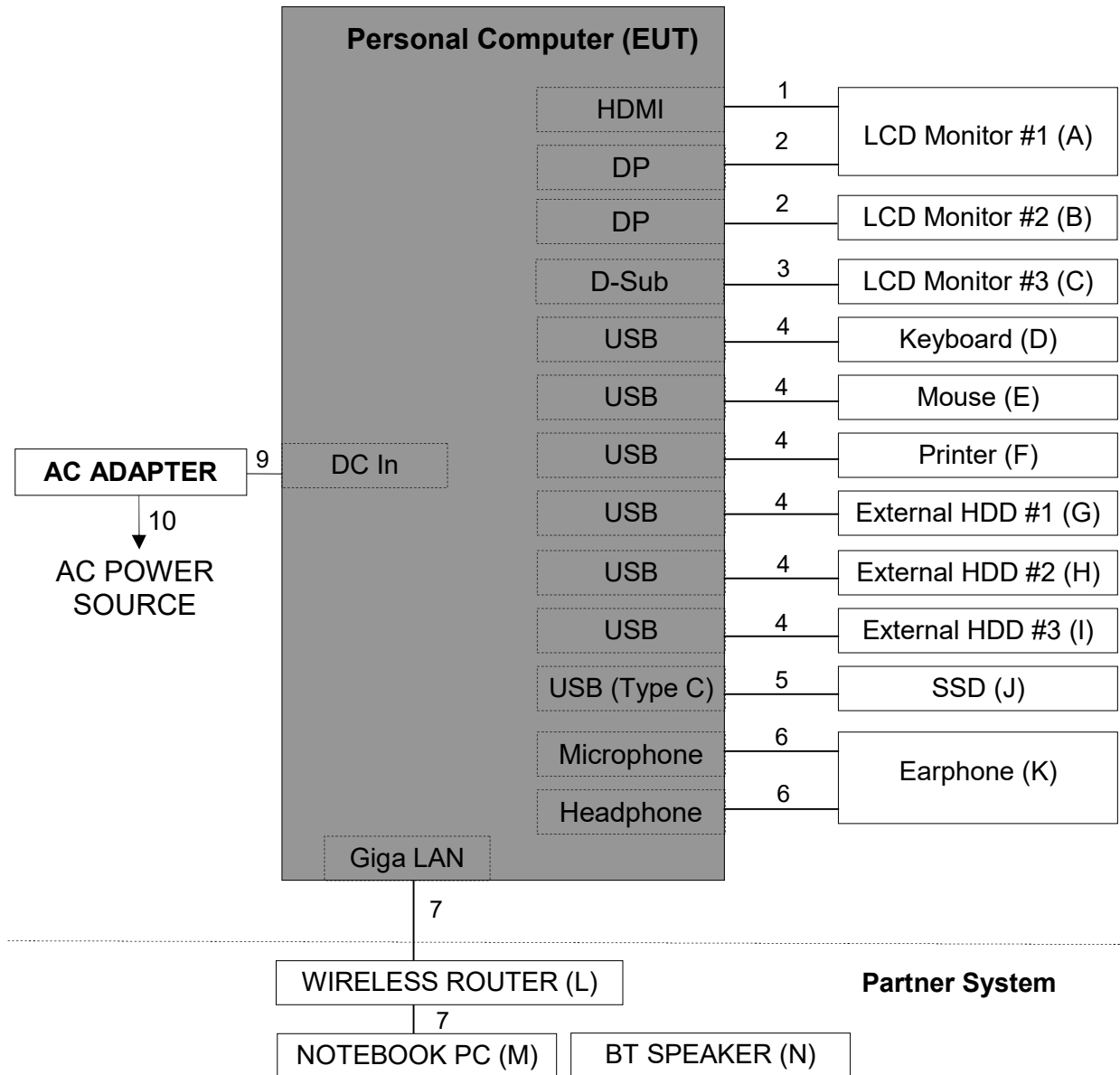
| Test Item | Configuration/Operating Mode |
|---|------------------------------|
| Conducted emissions at AC mains power port | Mode #1, Full System |
| | Mode #9, Full System |
| Radiated emission (30 – 1000MHz) | Mode #1, Full System |
| | Mode #9, Full System |
| Radiated emission (1 – 18GHz) | Mode #1, Full System |
| | Mode #9, Full System |

4. Measurement Arrangement

4.1. Equipment and cables arrangement

- Connection Diagram of EUT and Peripheral Devices

For radiated, the EUT and peripherals were arranged as the requirement of ANSI C63.4 2014 clause 6.3 and 6.4.



4.2. Method of Exercising EUT

The methods for exercising the EUT during the measurement specified in ANSI C63.4 2014 clause 11.2, 11.3 and figure 16 were used.

| | |
|------------------------------|---|
| Operating System | Windows 10 |
| Test Program | Burn In Test 8.1 |
| Video Signal (Display Image) | Display scrolling "H" pattern. |
| USB Ports | 1. Read/Write operation to External Hard Drive, SSD and printer. 2. The keyboard and mouse were constantly scanned for input data. |
| Audio Controller | Run the program "Windows Media Player" and send 1kHz sound to earphone. |
| WLAN Function | Data transmitting via 2.4GHz or 5GHz to client. |
| BT Function | To send 1kHz audio signal to BT Speaker. |
| Other | Other peripheral devices were driven and operated in turn |

4.3. List of Supported Units under Test

| No. | Product | Brand | Model No. | Serial No. | Approval | Remarks |
|----------------|-----------------|------------|---------------------|--------------------------|--------------------------|-----------------|
| A | LCD Monitor #1 | DELL | U2718Qb | CN-0CDX4R-QDC00-978-0TML | FCC By DoC | Provided by LAB |
| B | LCD Monitor #2 | DELL | UP2414Q | CN-0W09C2-74445-467-002L | FCC By DoC | Provided by LAB |
| C | LCD Monitor #3 | Lenovo | LT2452P | VNA9XVX | FCC By DoC | Provided by LAB |
| D | USB Keyboard | Lenovo | KU-0225 | 0791195 | FCC By DoC | Provided by LAB |
| E | USB Mouse | Lenovo | LXB MO28UOAUSB | 4400036 | FCC By DoC | Provided by LAB |
| F | USB Printer | HP | SNPRC-0902-01 | CN96PBK00D | FCC By DoC | Provided by LAB |
| G | External HDD #1 | SONY | HD-B1 | BBW3DEK78041FD1 | FCC By DoC | Provided by LAB |
| H | External HDD #2 | SONY | HD-B1 | BBW3DEK78041FF0 | FCC By DoC | Provided by LAB |
| I | External HDD #3 | WD | WDBUZZG0010BBK-WESN | WXT1A57EDYD6 | FCC By DoC | Provided by LAB |
| J | SSD | WD | WDBKVVX5120PSL | 1952ES454101 | FCC By DoC | Provided by LAB |
| K | Earphone | Cheng Jia | CJ-323 | N/A | N/A | Provided by LAB |
| Partner System | | | | | | |
| No. | Product | Brand | Model No. | Serial No. | Approval | Remarks |
| L | Wireless Router | ASUS | RT-N53 | MSQ-RT-N53 | FCC ID: MSQ-RT-N53 | Provided by LAB |
| M | Notebook PC | Lenovo | TP00034A | 895097 | FCC By DoC | Provided by LAB |
| N | BT Speaker | info Think | CA2-BSP | N/A | FCC ID: 2AB7O-CA2-BSP | Provided by LAB |

4.4. List of Used Cables under Test

| No. | Descriptions | Qty. | Length (m) | Shielding (Yes/No) | Cores (Qty.) | Remarks |
|-----|----------------------------|------|------------|--------------------|--------------|--|
| 1 | HDMI Cable | 1 | 1.8 | Yes | 0 | Provided by LAB |
| 2 | DP Cable | 2 | 1.8 | Yes | 0 | Provided by LAB |
| 3 | D-Sub Cable | 1 | 1.8 | Yes | 2 | Provided by LAB |
| 4 | USB Cable | 6 | 1.8 | Yes | 0 | Provided by LAB |
| 5 | Type C Cable | 1 | 1.8 | Yes | 0 | Provided by LAB |
| 6 | Headset & microphone Cable | 2 | 2.0 | Yes | 0 | Provided by LAB |
| 7 | LAN Cable | 2 | 10.0 | No | 0 | Provided by LAB |
| 8 | DC Power Cord | 1 | 1.8 | No | 1 | Supplied by Client |
| 9 | AC Power Cord | 1 | 1.8 | No | 0 | Supplied by Client |
| 10 | AC Power Cord | 6 | 1.8 | No | 0 | Provided by LAB for Support Units A,B,C,F,L, M |

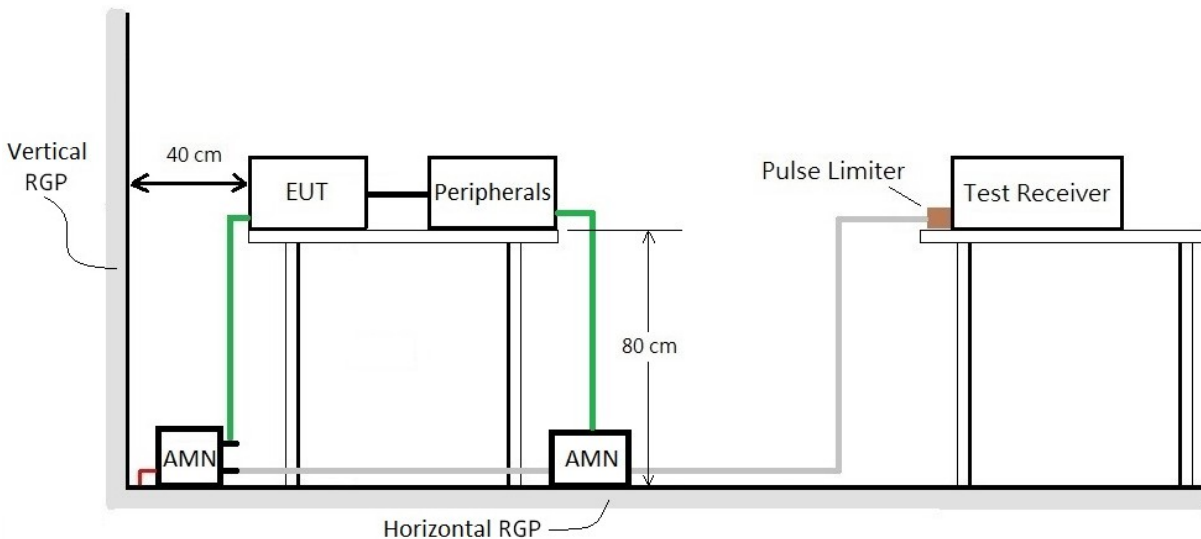
5. Measurement of Conducted Emissions

5.1. List of Test Instruments

| Item | Equipment | Manufacturer | Model No. | Serial No. | Cal. Date | Cal. Due |
|------|----------------------------|--------------|-----------|------------|--------------|--------------|
| 1 | Test Receiver | R&S | ESCS30 | 100265 | 2020. 06. 17 | 2021. 06. 16 |
| 2 | A.M.N. | R&S | ENV4200 | 100003 | 2020. 09. 16 | 2021. 09. 15 |
| 3 | L.I.S.N. | Kyoritsu | KNW-407 | 8-1539-2 | 2020. 12. 16 | 2021. 12. 15 |
| 4 | Pulse Limiter | R&S | ESH3-Z2 | 100355 | 2020. 01. 05 | 2021. 01. 04 |
| 5 | Signal Cable | MIYAZAKI | 5D2W | CE-04 | 2020. 01. 31 | 2021. 01. 30 |
| 6 | Digital Thermo-Hygro Meter | WISEWIND | 5330 | No.5 S/R | 2020. 04. 17 | 2021. 04. 16 |
| 7 | Test Software | Audix | e3 | V6.120703a | N.C.R. | N.C.R. |

5.2. Test Setup

The EUT and test equipment were configured in accordance with the requirement of ANSI C63.4 2014 clause 5.2.



5.3. Power-line Conducted Emission Limits

- For FCC §15.107 and ICES-003 §6.1

| Frequency Range (MHz) | Class A Limits | | Class B Limits | |
|-----------------------|-------------------|----------------|-------------------|----------------|
| | Quasi Peak dB(μV) | Average dB(μV) | Quasi Peak dB(μV) | Average dB(μV) |
| 0.15 – 0.50 | 79 | 66 | 66 – 56* | 56 – 46* |
| 0.50 – 5.0 | 73 | 60 | 56 | 46 |
| 5.0 – 30 | | | 60 | 50 |

Note: * Decreases with the logarithm of the frequency.

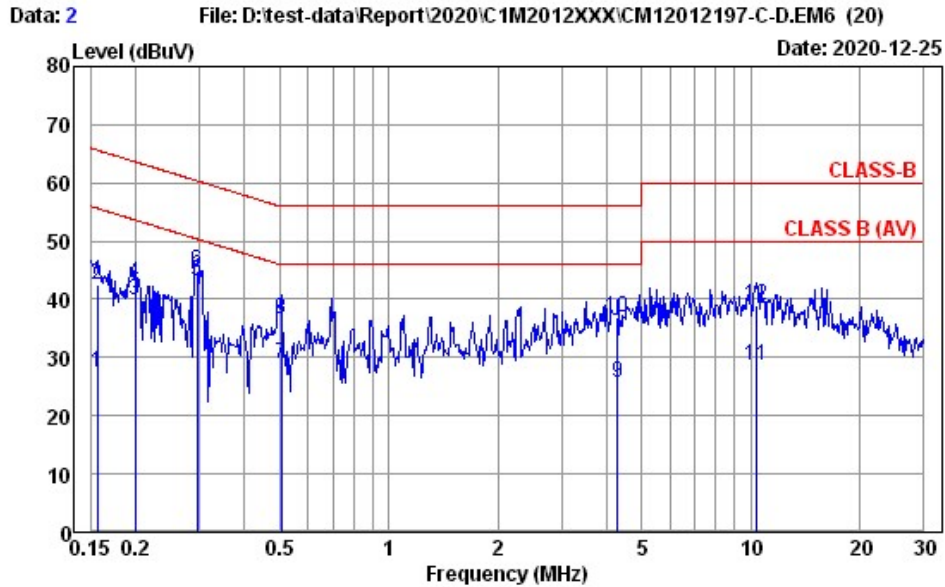
5.4. Measurement Procedure

The power-line conducted emission measurement was performed in accordance with the procedure of ANSI C63.4 2014 clause 7.3.

- Setup the EUT and associated equipment described as section 4.1, and they were located 40cm from the vertical conducting plane.
- Connect the EUT power cord to the main A.M.N and associated equipment to the second A.M.N. All ports of the A.M.N not connecting to the measuring equipment was terminated into 50 ohm resistive load.
- Setup the resolution bandwidth of the test receiver at 9kHz (while testing within 0.15 to 30MHz).
- Operate the EUT system as described in section 4.2.
- Both sides of A.C. line were checked for maximum conducted interference. In order to find the maximum emission, all of the interconnecting cables were manipulated.
- For the exploratory measurement, determine the highest emission amplitude relative to the limit on each of the EUT power cord with the peak detector by each of the EUT operation over the specified frequency range and record it.
- For final measurement, select the EUT operation mode that produced the highest amplitude in the exploratory measurement to determine the highest emissions with each specified detector and record it. All of the current-carrying conductors of each of the EUT power cords, except the ground conductor, must be measured over the specified frequency range.
- The measurement result was calculated by following formula:
Emission Level = Reading (Receiver) + Factor (A.M.N) + Cable Loss + Pulse Limiter
- If the average limit is met when using a Quasi-Peak detector receiver, the EUT is deemed to meet both limits and measurement with the average detector is unnecessary.

5.5. Measurement Result

| | | | |
|------------|----------------------|-------------|------|
| Test Phase | Neutral | Test Result | Pass |
| Test Mode | Mode #1, Full System | | |

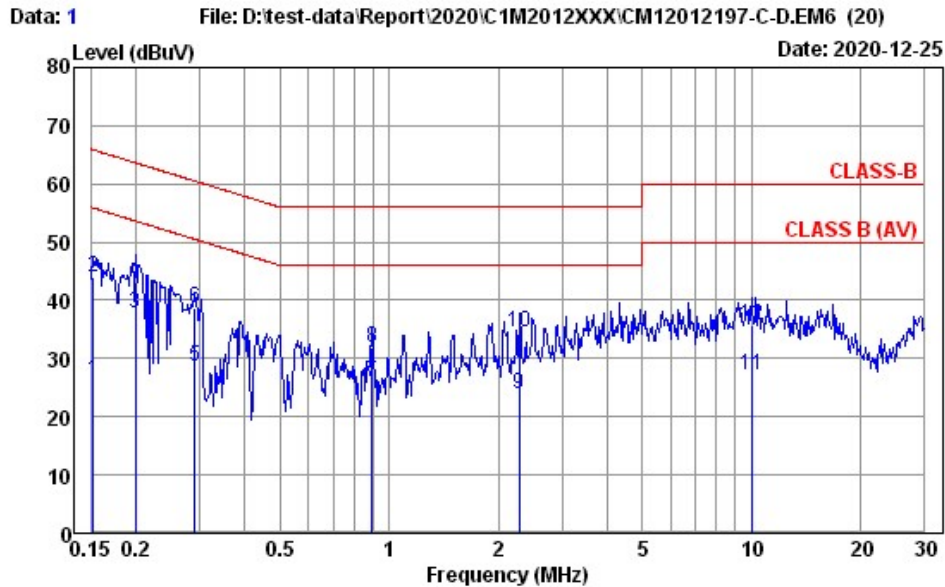


| | | | |
|--------------|--|-------------|-----------------|
| Site No. | : No.5 Shielded Room | Data No. | : 2 |
| Instrument 1 | : Receiver ESCS30(265) | | |
| Instrument 2 | : ENV4200 (003)(A) CE-04 ESH3-Z2 (355) | | |
| Limit | : CLASS-B | Phase | : NEUTRAL |
| Environment | : 19°C/59% | Engineer | : Jemy Wang |
| EUT Model | : Veriton H4740G | Test Rating | : 120Vac / 60Hz |
| Test Mode | : Mode 1 | | |

| | Freq. (MHz) | AMN Factor (dB) | Cable Loss (dB) | Pulse Att. (dB) | Reading (dBμV) | Emission Level (dBμV) | Limits (dBμV) | Margin (dB) | Remark |
|----|-------------|-----------------|-----------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.156 | 10.15 | 0.03 | 9.86 | 7.41 | 27.45 | 55.65 | 28.20 | Average |
| 2 | 0.156 | 10.15 | 0.03 | 9.86 | 22.48 | 42.52 | 65.65 | 23.13 | QP |
| 3 | 0.200 | 10.12 | 0.03 | 9.85 | 19.99 | 39.99 | 53.62 | 13.63 | Average |
| 4 | 0.200 | 10.12 | 0.03 | 9.85 | 22.90 | 42.90 | 63.62 | 20.72 | QP |
| 5 | 0.296 | 10.06 | 0.04 | 9.86 | 23.18 | 43.14 | 50.37 | 7.23 | Average |
| 6 | 0.296 | 10.06 | 0.04 | 9.86 | 24.94 | 44.90 | 60.37 | 15.47 | QP |
| 7 | 0.505 | 10.01 | 0.04 | 9.86 | 9.08 | 28.99 | 46.00 | 17.01 | Average |
| 8 | 0.505 | 10.01 | 0.04 | 9.86 | 16.62 | 36.53 | 56.00 | 19.47 | QP |
| 9 | 4.292 | 10.17 | 0.11 | 9.88 | 5.45 | 25.61 | 46.00 | 20.39 | Average |
| 10 | 4.292 | 10.17 | 0.11 | 9.88 | 16.68 | 36.84 | 56.00 | 19.16 | QP |
| 11 | 10.397 | 10.84 | 0.18 | 9.92 | 7.59 | 28.53 | 50.00 | 21.47 | Average |
| 12 | 10.397 | 10.84 | 0.18 | 9.92 | 17.96 | 38.90 | 60.00 | 21.10 | QP |

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
 2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

| | | | |
|------------|----------------------|-------------|------|
| Test Phase | Line | Test Result | Pass |
| Test Mode | Mode #1, Full System | | |

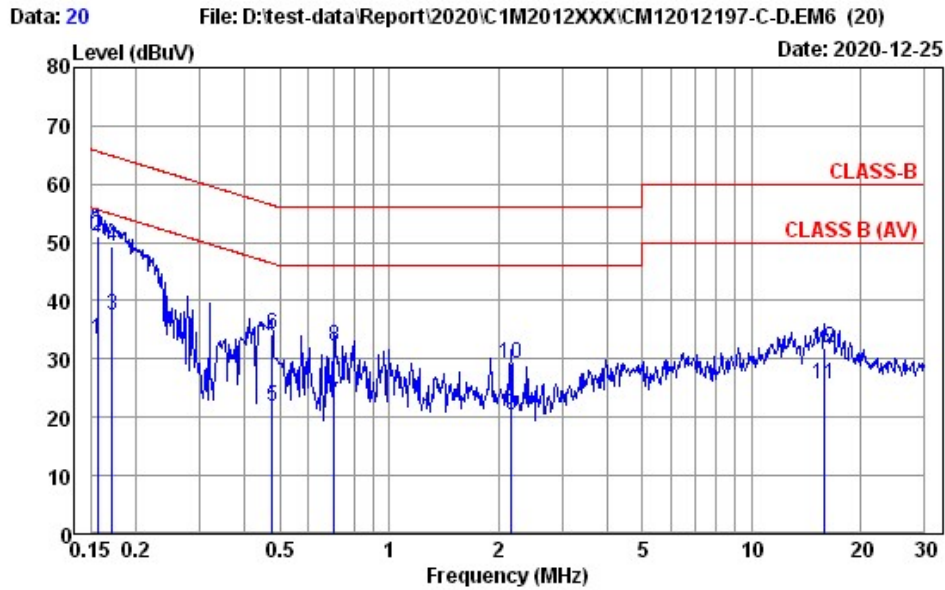


Site No. : No.5 Shielded Room Data No. : 1
 Instrument 1 : Receiver ESC530(265)
 Instrument 2 : EHV4200 (003)(A)|CE-04|ESH3-Z2 (355)
 Limit : CLASS-B Phase : LINE
 Environment : 19°C/59% Engineer : Jemy Wang
 EUT Model : Veriton H4740G Test Rating : 120Vac / 60Hz
 Test Mode : Mode 1

| | Freq. (MHz) | AMN Factor (dB) | Cable Loss (dB) | Pulse Att. (dB) | Reading (dBμV) | Emission Level (dBμV) | Limits (dBμV) | Margin (dB) | Remark |
|----|----------------|-----------------------|-----------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|---------|
| 1 | 0.152 | 10.15 | 0.03 | 9.86 | 6.34 | 26.38 | 55.87 | 29.49 | Average |
| 2 | 0.152 | 10.15 | 0.03 | 9.86 | 23.86 | 43.90 | 65.87 | 21.97 | QP |
| 3 | 0.200 | 10.11 | 0.03 | 9.85 | 17.70 | 37.69 | 53.62 | 15.93 | Average |
| 4 | 0.200 | 10.11 | 0.03 | 9.85 | 23.16 | 43.15 | 63.62 | 20.47 | QP |
| 5 | 0.291 | 10.06 | 0.04 | 9.86 | 8.55 | 28.51 | 50.50 | 21.99 | Average |
| 6 | 0.291 | 10.06 | 0.04 | 9.86 | 18.85 | 38.81 | 60.50 | 21.69 | QP |
| 7 | 0.899 | 9.98 | 0.05 | 9.86 | 5.95 | 25.84 | 46.00 | 20.16 | Average |
| 8 | 0.899 | 9.98 | 0.05 | 9.86 | 12.06 | 31.95 | 56.00 | 24.05 | QP |
| 9 | 2.285 | 10.03 | 0.08 | 9.87 | 3.93 | 23.91 | 46.00 | 22.09 | Average |
| 10 | 2.285 | 10.03 | 0.08 | 9.87 | 14.50 | 34.48 | 56.00 | 21.52 | QP |
| 11 | 9.966 | 10.53 | 0.18 | 9.92 | 6.60 | 27.23 | 50.00 | 22.77 | Average |
| 12 | 9.966 | 10.53 | 0.18 | 9.92 | 14.98 | 35.61 | 60.00 | 24.39 | QP |

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
 2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

| | | | |
|------------|----------------------|-------------|------|
| Test Phase | Neutral | Test Result | Pass |
| Test Mode | Mode #9, Full System | | |

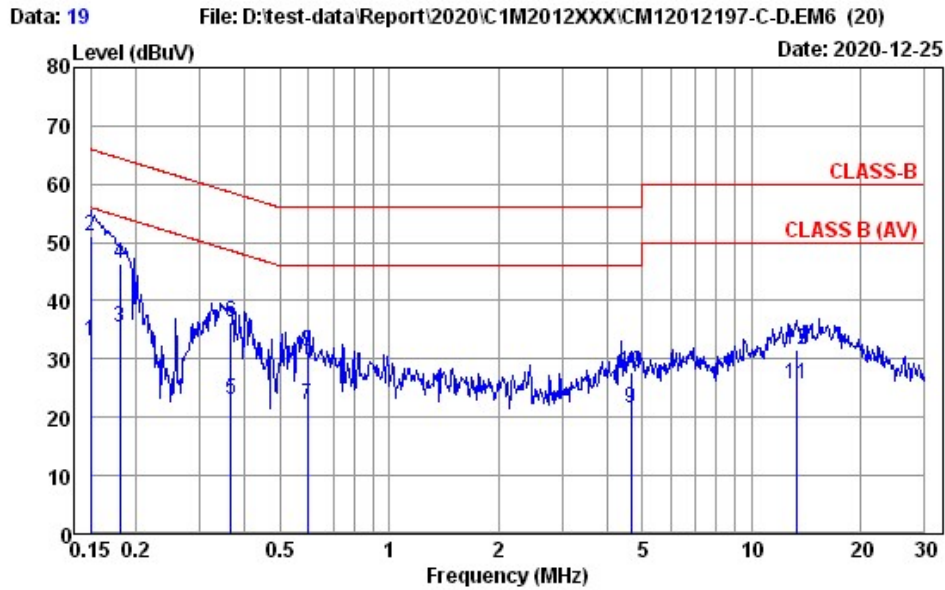


Site No. : No.5 Shielded Room Data No. : 20
 Instrument 1 : Receiver ESC530(265)
 Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
 Limit : CLASS-B Phase : NEUTRAL
 Environment : 19°C/59% Engineer : Jemy Wang
 EUT Model : Veriton H4740G Test Rating : 120Vac / 60Hz
 Test Mode : Mode 9

| | Freq. (MHz) | AMN Factor (dB) | Cable Loss (dB) | Pulse Att. (dB) | Reading (dBμV) | Emission Level (dBμV) | Limits (dBμV) | Margin (dB) | Remark |
|----|-------------|-----------------|-----------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.156 | 10.15 | 0.03 | 9.86 | 13.20 | 33.24 | 55.65 | 22.41 | Average |
| 2 | 0.156 | 10.15 | 0.03 | 9.86 | 31.02 | 51.06 | 65.65 | 14.59 | QP |
| 3 | 0.172 | 10.14 | 0.03 | 9.86 | 17.58 | 37.61 | 54.86 | 17.25 | Average |
| 4 | 0.172 | 10.14 | 0.03 | 9.86 | 29.20 | 49.23 | 64.86 | 15.63 | QP |
| 5 | 0.476 | 10.01 | 0.04 | 9.86 | 2.04 | 21.95 | 46.41 | 24.46 | Average |
| 6 | 0.476 | 10.01 | 0.04 | 9.86 | 14.42 | 34.33 | 56.41 | 22.08 | QP |
| 7 | 0.705 | 10.00 | 0.05 | 9.86 | 2.43 | 22.34 | 46.00 | 23.66 | Average |
| 8 | 0.705 | 10.00 | 0.05 | 9.86 | 12.41 | 32.32 | 56.00 | 23.68 | QP |
| 9 | 2.178 | 10.02 | 0.08 | 9.87 | 0.51 | 20.48 | 46.00 | 25.52 | Average |
| 10 | 2.178 | 10.02 | 0.08 | 9.87 | 9.24 | 29.21 | 56.00 | 26.79 | QP |
| 11 | 15.885 | 11.94 | 0.21 | 9.94 | 3.72 | 25.81 | 50.00 | 24.19 | Average |
| 12 | 15.885 | 11.94 | 0.21 | 9.94 | 9.65 | 31.74 | 60.00 | 28.26 | QP |

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
 2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

| | | | |
|------------|----------------------|-------------|------|
| Test Phase | Line | Test Result | Pass |
| Test Mode | Mode #9, Full System | | |



Site No. : No.5 Shielded Room Data No. : 19
 Instrument 1 : Receiver ESCS30(265)
 Instrument 2 : EHV4200 (003)(A)|CE-04|ESH3-Z2 (355)
 Limit : CLASS-B Phase : LINE
 Environment : 19°C/59% Engineer : Jemy Wang
 EUT Model : Veriton H4740G Test Rating : 120Vac / 60Hz
 Test Mode : Mode 9

| | Freq. (MHz) | AMN Factor (dB) | Cable Loss (dB) | Pulse Att. (dB) | Reading (dBμV) | Emission Level (dBμV) | Limits (dBμV) | Margin (dB) | Remark |
|----|----------------|-----------------------|-----------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|---------|
| 1 | 0.150 | 10.15 | 0.03 | 9.86 | 13.03 | 33.07 | 55.99 | 22.92 | Average |
| 2 | 0.150 | 10.15 | 0.03 | 9.86 | 31.02 | 51.06 | 65.99 | 14.93 | QP |
| 3 | 0.181 | 10.12 | 0.03 | 9.85 | 15.57 | 35.57 | 54.46 | 18.89 | Average |
| 4 | 0.181 | 10.12 | 0.03 | 9.85 | 26.21 | 46.21 | 64.46 | 18.25 | QP |
| 5 | 0.365 | 10.02 | 0.04 | 9.86 | 3.21 | 23.13 | 48.61 | 25.48 | Average |
| 6 | 0.365 | 10.02 | 0.04 | 9.86 | 16.52 | 36.44 | 58.61 | 22.17 | QP |
| 7 | 0.595 | 10.00 | 0.04 | 9.86 | 2.26 | 22.16 | 46.00 | 23.84 | Average |
| 8 | 0.595 | 10.00 | 0.04 | 9.86 | 11.42 | 31.32 | 56.00 | 24.68 | QP |
| 9 | 4.647 | 10.17 | 0.12 | 9.89 | 1.29 | 21.47 | 46.00 | 24.53 | Average |
| 10 | 4.647 | 10.17 | 0.12 | 9.89 | 7.50 | 27.68 | 56.00 | 28.32 | QP |
| 11 | 13.337 | 11.01 | 0.20 | 9.93 | 4.51 | 25.65 | 50.00 | 24.35 | Average |
| 12 | 13.337 | 11.01 | 0.20 | 9.93 | 10.57 | 31.71 | 60.00 | 28.29 | QP |

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
 2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

6. Measurement of Radiated Emissions

6.1. List of Test Instruments

- For measurement of 30 to 1000MHz frequency range

| Item | Equipment | Manufacture | Model No. | Serial No. | Cal. Date | Cal. Due |
|------|----------------------------|--------------|------------|------------|--------------|--------------|
| 1 | Spectrum Analyzer | Agilent | N9010A-503 | MY51120074 | 2020. 11. 19 | 2021. 11. 18 |
| 2 | Test Receiver | R&S | ESCS30 | 100337 | 2020. 05. 06 | 2021. 05. 05 |
| 3 | Bilog Antenna | Schaffner | CBL6112B | 2818 | 2020. 01. 17 | 2021. 01. 16 |
| 4 | Amplifier | HP | 8447D | 2727A05737 | 2020. 01. 05 | 2021. 01. 04 |
| 5 | Signal Cable | HUBER+SUHNER | RG217U | RE-07 | 2020. 01. 31 | 2021. 01. 30 |
| 6 | Digital Thermo-Hygro Meter | iMax | HTC-1 | No.6 O/S | 2020. 04. 17 | 2021. 04. 16 |
| 7 | Test Software | Audix | e3 | V.5.04507 | N.C.R. | N.C.R. |

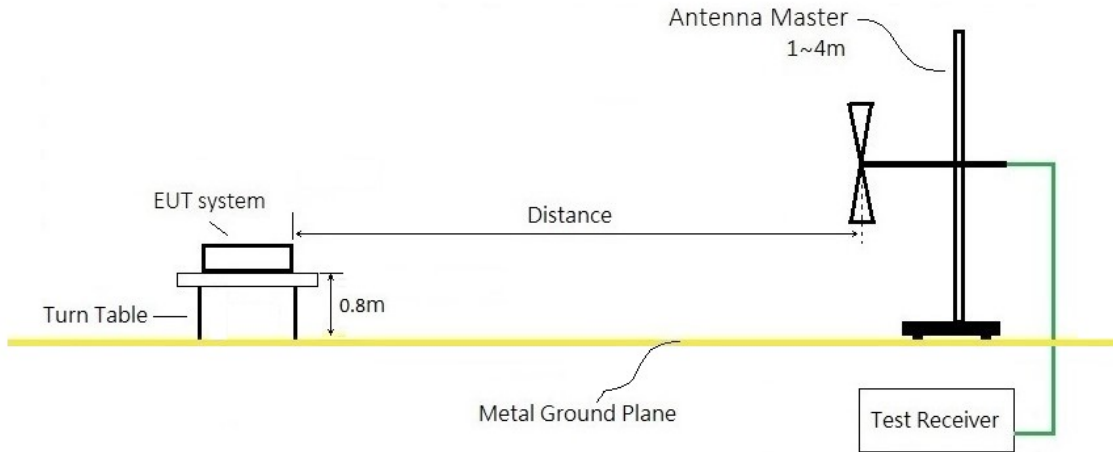
- For measurement of above 1GHz frequency range

| Item | Equipment | Manufacture | Model No. | Serial No. | Cal. Date | Cal. Due |
|------|----------------------------|--------------|------------------------------|---------------|------------|------------|
| 1 | Spectrum Analyzer | Keysight | N9010B-526 | MY57410128 | 2020.01.02 | 2021.01.01 |
| 2 | Amplifier | Agilent | 8449B | 3008A02681 | 2020.03.20 | 2021.03.19 |
| 3 | Horn Antenna | ETS-Lindgren | 3117 | 00227045 | 2020.03.10 | 2021.03.09 |
| 4 | Notch Filter | K&L | 7NSL10-2441.5/ E130.5-O/O | 3 | NCR | NCR |
| 5 | Band-Pass Filter | Microwave | H3G018G1 | 484798 | NCR | NCR |
| 6 | 5GHz Notch Filter | Microwave | N0555983 | 459481 | 2020.05.06 | 2021.05.05 |
| 7 | 5GHz Notch Filter | Microwave | N0452502 | 439485 | NCR | NCR |
| 8 | Digital Thermo-Hygro Meter | WISEWIND | 5330 | No.2 3m A/C | 2020.04.17 | 2021.04.16 |
| 9 | Signal Cable | HUBER+SUHNER | SUCOFLEX 104 | RE-15 | 2020.01.31 | 2021.01.30 |
| 10 | Test Software | Audix | e3 | V6.2009-10-22 | N.C.R. | N.C.R. |

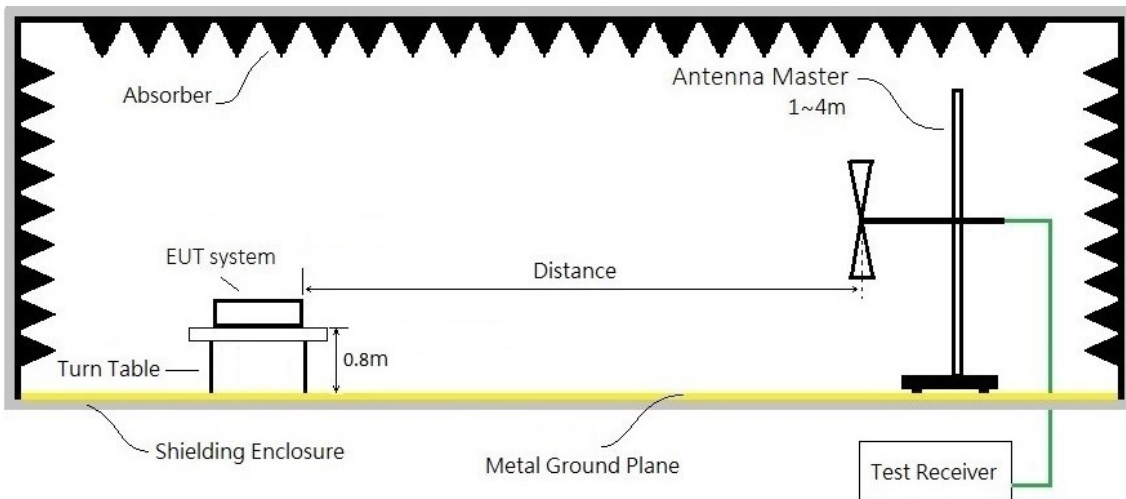
6.2. Test Setup

The EUT and test equipment were configured in accordance with the requirement of ANSI C63.4-2014 clause 5.4. and 5.5.

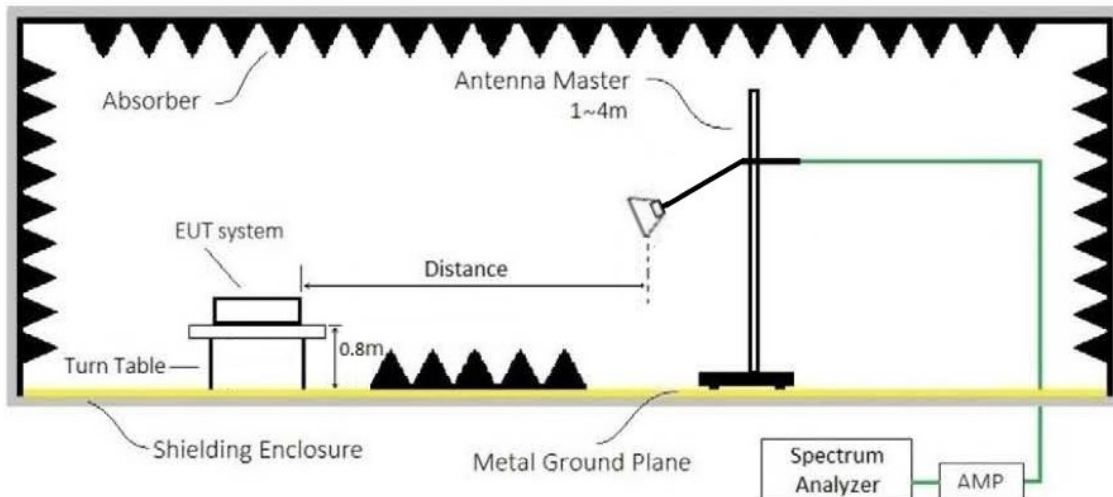
- For frequency range 30 to 1000MHz (at Open Area Test Site)



- For frequency range 30 to 1000MHz (at Semi-Anechoic Chamber)



- For frequency range above 1GHz (at Semi-Anechoic Chamber)



6.3. Radiation Emission Limits

- For Below 1GHz, FCC §15.109(a)(g)/CISPR 22 and ICES-003 §6.2

| Frequency Range (MHz) | Distance (meter) | Class A Limits | | Class B Limits | |
|-----------------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | Quasi-Peak [dB(μV/m)] | Quasi-Peak [dB(μV/m)] | Quasi-Peak [dB(μV/m)] | Quasi-Peak [dB(μV/m)] |
| 30 – 230 | 10 | 40 | | 30 | |
| 230 – 1000 | | 47 | | 37 | |
| 30 – 230 | 3 | 50 | | 40 | |
| 230 – 1000 | | 57 | | 47 | |

- For Above 1GHz, FCC §15.109(a)(g)/CISPR 22 and ICES-003 §6.2

| Frequency Range (MHz) | Distance (meter) | Class A Limits | | Class B Limits | |
|-----------------------|------------------|-----------------|--------------------|-----------------|--------------------|
| | | Peak [dB(μV/m)] | Average [dB(μV/m)] | Peak [dB(μV/m)] | Average [dB(μV/m)] |
| Above 1000 | 3 | 79.54 | 59.54 | 73.98 | 53.98 |

- The tighter limit applies at the edge between two frequency bands.
- Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the E.U.T.
- The limits from 30 to 1000MHz are referred to CISPR 22 standard, which are in accordance with the requirement of FCC Part 15.38 (b)(3) · Part 15.109 (a)(g) and ICES-003 section 5(a)(i).
- The limits above 1GHz are referred to FCC Part 15.109(a)

- Required highest frequency for radiated measurement

| 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. |

6.4. Measurement Procedure

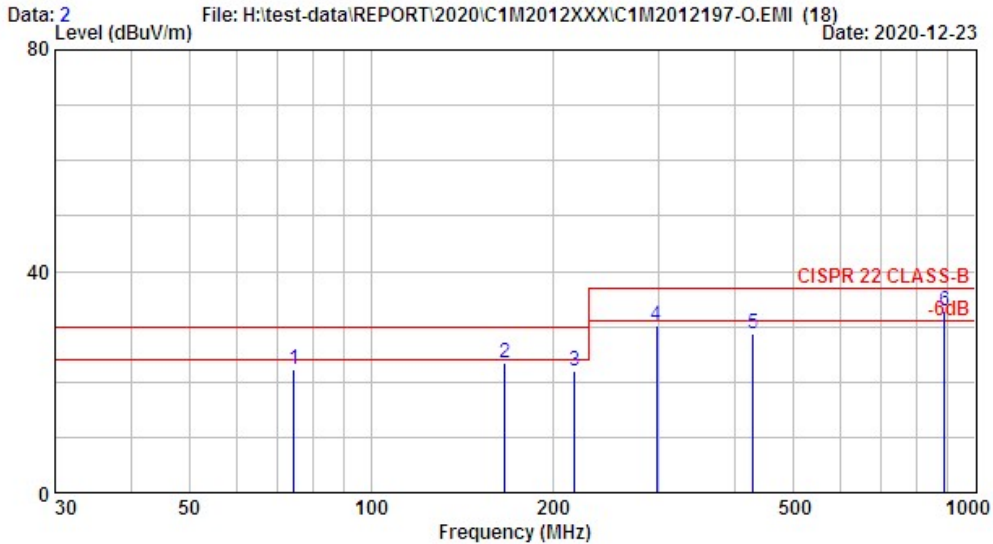
The radiated emission measurement was performed in accordance with the procedure of the ANSI C63.4 2014 clause 8.3.

- The EUT and peripherals were placed on the rotatable non-conduction table, which is 0.8meters above the ground reference plane at the semi-anechoic chamber or OATS as described in section 4.1 and 6.2.
- The measurement distance is set as specified in section 6.3. The specified distance is between the horizontal projection onto the ground plane of the closest periphery of the EUT and the projection onto the ground plane of the center of the axis of the elements of the receiving antenna.
- The resolution bandwidth of the test receiver was at 120kHz (testing from 30 to 1000MHz) or 1MHz (testing above 1000MHz).
- Operate the EUT system as described in section 4.2.
- For the exploratory measurement, determine the highest emission amplitude relative to the limit on each of antenna polarization with the peak detector by each of the EUT operations over the specified frequency range and record it.
- For final measurement, select the EUT operation mode that produced the highest amplitude in the exploratory measurement to determine the highest emissions with each specified detector and record it.
- In order to determine the maximum emission level, must rotate the table in 360 degree and move the receiving antenna between 1~4m height above the ground reference plane.
- In order to find the maximum emission, all of the interconnecting cables were manipulated, except for the bundled cable.
- Both polarizations of receiving antenna were determined.
- The measurement result was calculated by following formulas:
(30 – 1000MHz)
Emission Level = Reading (Receiver) + Cable Loss+ Antenna Factor – Preamp Gain
(Above 1GHz)
Emission Level = Reading (Spectrum) + Cable Loss+ Antenna Factor – Preamp Gain
- The 3dB bandwidth of the horn antenna is minimum 22 degree (or w=1.17m at 3m distance) for 1~18 GHz.

6.5. Measurement Result

- For frequency range 30 – 1000MHz

| | | | |
|---------------|----------------------|-------------|------|
| Ant. Polarity | Horizontal | Test Result | Pass |
| Test Mode | Mode #1, Full System | | |



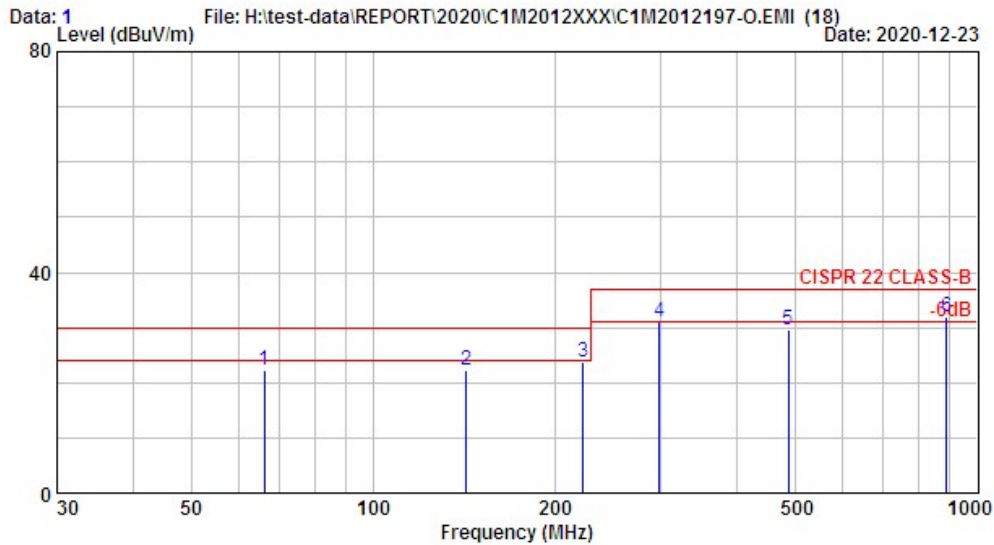
```

Site No.       : NO.6 Open Area Test Site   Data No.  : 2
Instrument 1   : Receiver ESCS(337)
Instrument 2   : CBL6112B (818) |RE-07
Distance / Limit : 10m / CISPR 22 CLASS-B   Ant. Pol.  : HORIZONTAL
Environment    : 20°C / 88%                 Engineer   : Eason Hsu
EUT Model     : Veriton N4740G              Test Rating : 120Vac / 60Hz
Test Mode     : Mode 1
    
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|----------------|-----------------------|--------------------|-------------------|----------------------------|--------------------|----------------|--------|
| 1 | 74.581 | 12.55 | 1.18 | 8.68 | 22.41 | 30.00 | 7.59 | QP |
| 2 | 166.644 | 15.42 | 2.01 | 5.88 | 23.31 | 30.00 | 6.69 | QP |
| 3 | 217.479 | 16.13 | 2.30 | 3.60 | 22.03 | 30.00 | 7.97 | QP |
| 4 | 297.452 | 18.91 | 2.61 | 8.68 | 30.20 | 37.00 | 6.80 | QP |
| 5 | 428.861 | 22.07 | 3.21 | 3.53 | 28.81 | 37.00 | 8.19 | QP |
| 6 | 891.451 | 26.38 | 4.98 | 1.34 | 32.69 | 37.00 | 4.31 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emissions not reported are 20 dB lower than the specified limit.

| | | | |
|---------------|----------------------|-------------|------|
| Ant. Polarity | Vertical | Test Result | Pass |
| Test Mode | Mode #1, Full System | | |



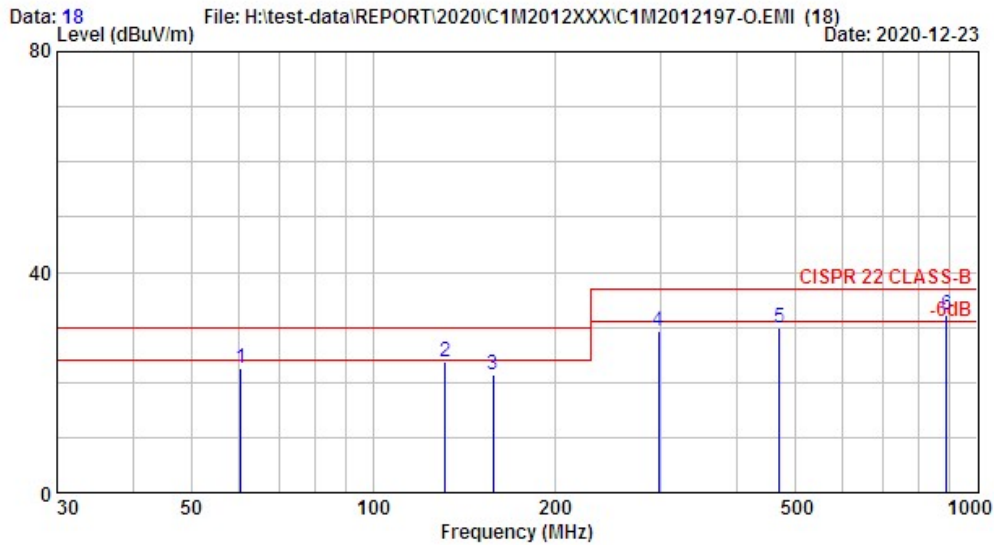
```

Site No.       : NO.6 Open Area Test Site   Data No.   : 1
Instrument 1   : Receiver ESCS(337)
Instrument 2   : CBL6112B (818) |RE-07
Distance / Limit : 10m / CISPR 22 CLASS-B   Ant. Pol.   : VERTICAL
Environment    : 20°C / 88%                 Engineer    : Eason Hsu
EUT Model     : Veriton N4740G              Test Rating : 120Vac / 60Hz
Test Mode     : Mode 1
    
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 66.073 | 12.26 | 1.10 | 8.98 | 22.35 | 30.00 | 7.65 | QP |
| 2 | 142.894 | 16.69 | 1.77 | 3.67 | 22.13 | 30.00 | 7.87 | QP |
| 3 | 223.150 | 16.46 | 2.32 | 4.89 | 23.68 | 30.00 | 6.32 | QP |
| 4 | 297.581 | 18.91 | 2.61 | 9.68 | 31.20 | 37.00 | 5.80 | QP |
| 5 | 487.700 | 23.16 | 3.47 | 3.10 | 29.73 | 37.00 | 7.27 | QP |
| 6 | 890.581 | 26.38 | 4.97 | 0.68 | 32.03 | 37.00 | 4.97 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emissions not reported are 20 dB lower than the specified limit.

| | | | |
|---------------|----------------------|-------------|------|
| Ant. Polarity | Horizontal | Test Result | Pass |
| Test Mode | Mode #9, Full System | | |



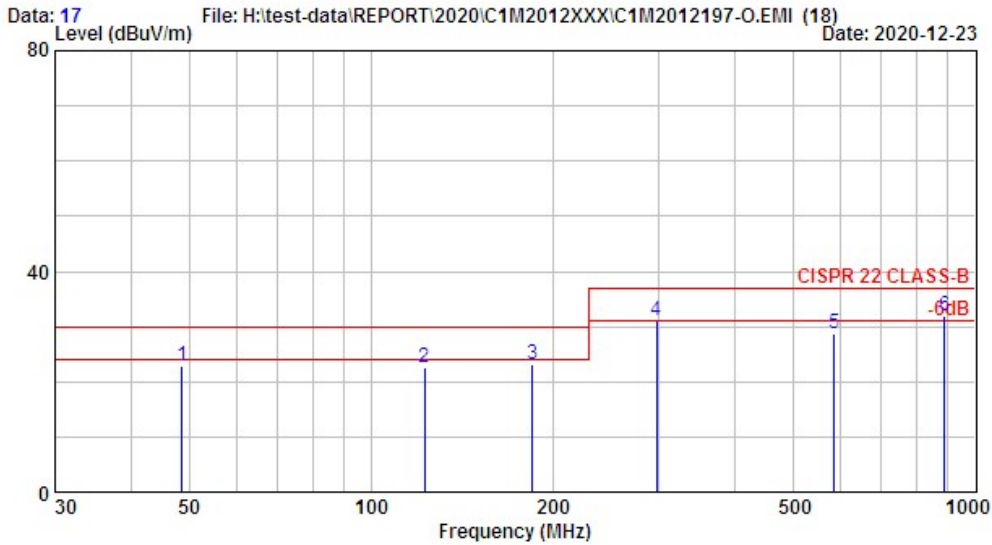
```

Site No.      : NO.6 Open Area Test Site      Data No.   : 18
Instrument 1  : Receiver ESCS(337)
Instrument 2  : CBL6112B (818)|RE-07
Distance / Limit : 10m / CISPR 22 CLASS-B    Ant. Pol.   : HORIZONTAL
Environment   : 20°C / 88%                   Engineer    : Eason Hsu
EUT Model    : Veriton N4740G                 Test Rating : 120Vac / 60Hz
Test Mode    : Mode 9
    
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1 | 60.399 | 12.20 | 1.05 | 9.29 | 22.55 | 30.00 | 7.45 | QP |
| 2 | 131.738 | 17.29 | 1.67 | 4.86 | 23.82 | 30.00 | 6.18 | QP |
| 3 | 158.097 | 15.82 | 1.92 | 3.52 | 21.26 | 30.00 | 8.74 | QP |
| 4 | 297.510 | 18.91 | 2.61 | 7.68 | 29.20 | 37.00 | 7.80 | QP |
| 5 | 470.617 | 22.86 | 3.39 | 3.65 | 29.90 | 37.00 | 7.10 | QP |
| 6 | 890.950 | 26.38 | 4.98 | 0.85 | 32.20 | 37.00 | 4.80 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emissions not reported are 20 dB lower than the specified limit.

| | | | |
|---------------|----------------------|-------------|------|
| Ant. Polarity | Vertical | Test Result | Pass |
| Test Mode | Mode #9, Full System | | |



```

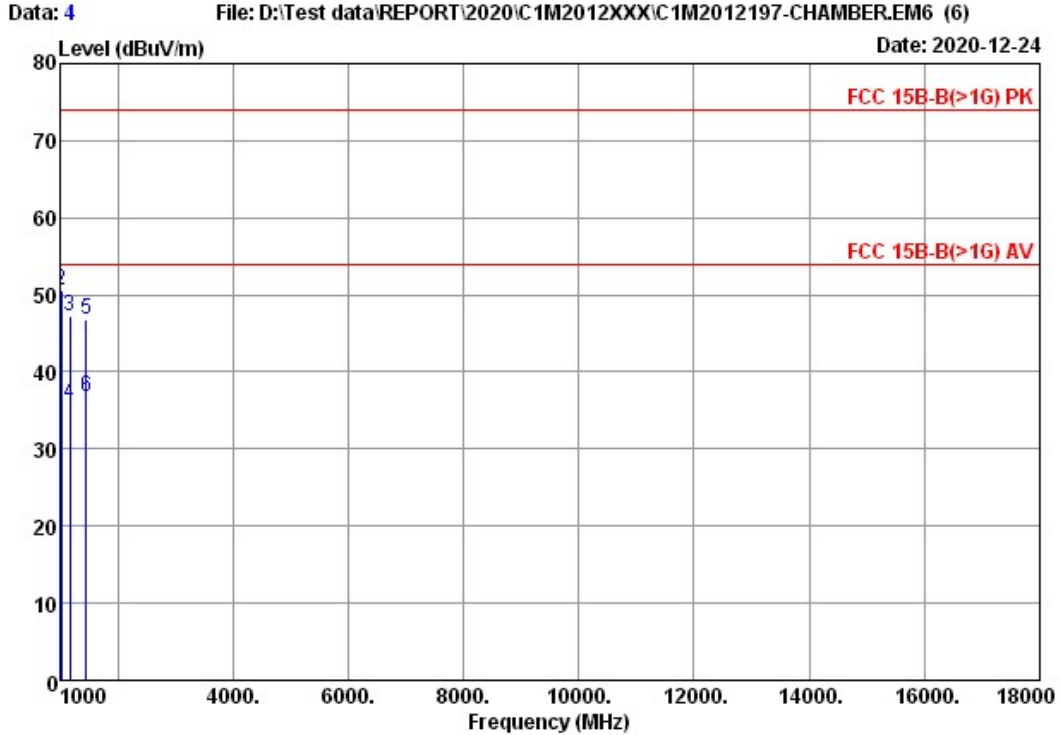
Site No.       : NO.6 Open Area Test Site   Data No.  : 17
Instrument 1   : Receiver ESCS(337)
Instrument 2   : CBL6112B (818)|RE-07
Distance / Limit : 10m / CISPR 22 CLASS-B   Ant. Pol.  : VERTICAL
Environment    : 20+C / 88%                 Engineer   : Eason Hsu
EUT Model     : Veriton N4740G              Test Rating: 120Vac / 60Hz
Test Mode     : Mode 9
    
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|----------------|-----------------------|--------------------|-------------------|----------------------------|--------------------|----------------|--------|
| 1 | 48.729 | 14.40 | 0.93 | 7.48 | 22.82 | 30.00 | 7.18 | QP |
| 2 | 122.835 | 17.78 | 1.60 | 3.32 | 22.69 | 30.00 | 7.31 | QP |
| 3 | 184.980 | 14.88 | 2.18 | 6.13 | 23.19 | 30.00 | 6.81 | QP |
| 4 | 296.746 | 18.91 | 2.61 | 9.41 | 30.93 | 37.00 | 6.07 | QP |
| 5 | 584.995 | 24.41 | 3.87 | 0.30 | 28.58 | 37.00 | 8.42 | QP |
| 6 | 891.581 | 26.38 | 4.98 | 0.46 | 31.81 | 37.00 | 5.19 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emissions not reported are 20 dB lower than the specified limit.

- For frequency range above 1GHz

| | | | |
|---------------|----------------------|-------------|------|
| Ant. Polarity | Horizontal | Test Result | Pass |
| Test Mode | Mode #1, Full System | | |

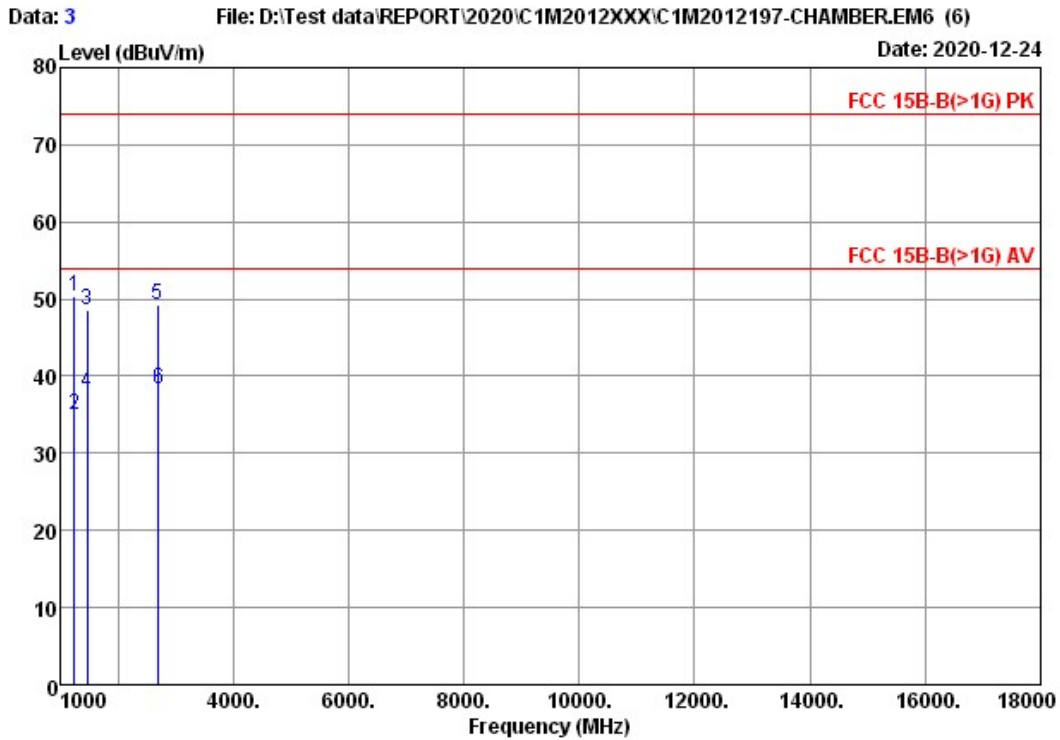


Site No. : No.2 3m Semi Anechoic Chamber Data No. : 4
 Instrument 1 : Spectrum H9010B(128)
 Instrument 2 : 3117 (045)|RE-15|8449B (681)
 Distance/Limit : 3m / FCC 15B-B(>1G) PK Ant. Pol. : HORIZONTAL
 Environment : 22°C / 57% Engineer : Jemy Wang
 EUT Model : Veriton H4740G Test Rating : 120Vac/60Hz
 Test Mode : Mode 1

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|---------|
| 1 | 1022.520 | 27.46 | 3.98 | 36.31 | 39.61 | 34.74 | 53.98 | 19.24 | Average |
| 2 | 1025.000 | 27.54 | 3.98 | 36.31 | 55.31 | 50.52 | 73.98 | 23.46 | Peak |
| 3 | 1170.000 | 28.38 | 4.24 | 36.11 | 50.66 | 47.17 | 73.98 | 26.81 | Peak |
| 4 | 1171.140 | 28.39 | 4.24 | 36.11 | 39.35 | 35.87 | 53.98 | 18.11 | Average |
| 5 | 1450.000 | 27.80 | 4.59 | 35.78 | 50.17 | 46.78 | 73.98 | 27.20 | Peak |
| 6 | 1452.440 | 27.80 | 4.59 | 35.78 | 40.10 | 36.71 | 53.98 | 17.27 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
 2. The emissions not reported are 20 dB lower than the specified limit.

| | | | |
|---------------|----------------------|-------------|------|
| Ant. Polarity | Vertical | Test Result | Pass |
| Test Mode | Mode #1, Full System | | |

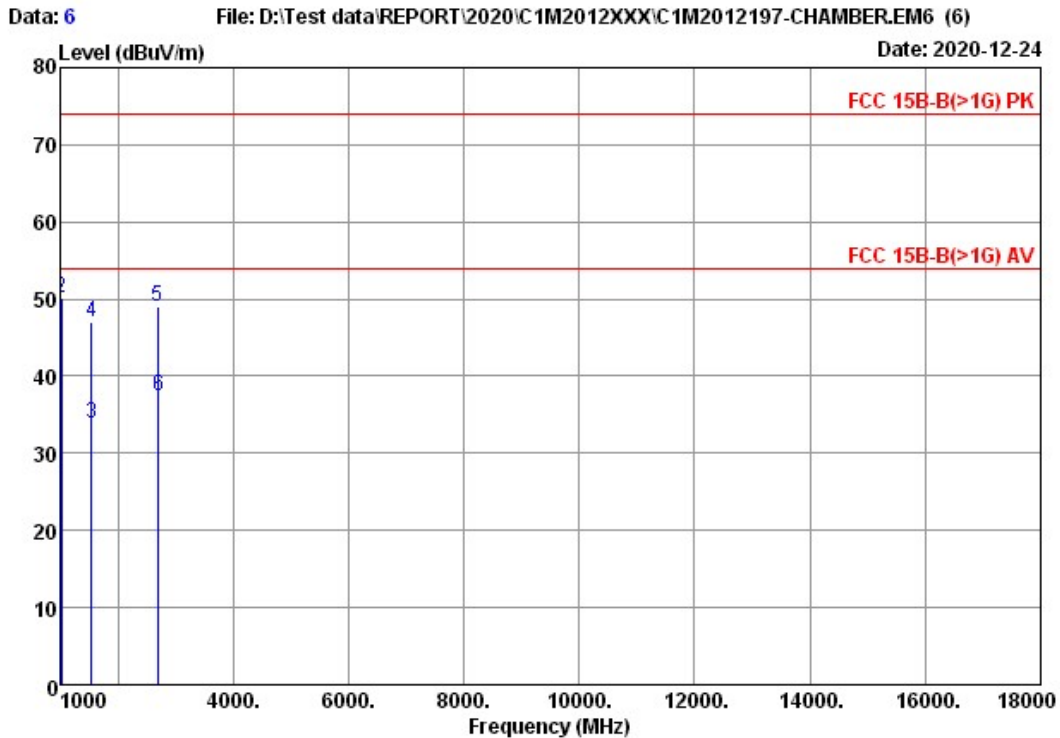


| | | | |
|----------------|---------------------------------|-------------|---------------|
| Site No. | : No.2 3m Semi Anechoic Chamber | Data No. | : 3 |
| Instrument 1 | : Spectrum H9010B(128) | | |
| Instrument 2 | : 3117 (045) RE-15 8449B (681) | | |
| Distance/Limit | : 3m / FCC 15B-B(>1G) PK | Ant. Pol. | : VERTICAL |
| Environment | : 22°C / 57% | Engineer | : Jemy Wang |
| EUT Model | : Veriton H4740G | Test Rating | : 120Vac/60Hz |
| Test Mode | : Mode 1 | | |

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Reading (dBµV) | Emission Level (dBµV/m) | Limits (dBµV/m) | Margin (dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|---------|
| 1 | 1245.000 | 28.22 | 4.30 | 36.01 | 53.96 | 50.47 | 73.98 | 23.51 | Peak |
| 2 | 1246.440 | 28.22 | 4.30 | 36.01 | 38.56 | 35.07 | 53.98 | 18.91 | Average |
| 3 | 1465.000 | 27.77 | 4.59 | 35.76 | 51.90 | 48.50 | 73.98 | 25.48 | Peak |
| 4 | 1468.220 | 27.76 | 4.66 | 35.76 | 41.24 | 37.90 | 53.98 | 16.08 | Average |
| 5 | 2695.000 | 32.10 | 6.58 | 35.75 | 46.37 | 49.30 | 73.98 | 24.68 | Peak |
| 6 | 2698.780 | 32.10 | 6.58 | 35.75 | 35.34 | 38.27 | 53.98 | 15.71 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
 2. The emissions not reported are 20 dB lower than the specified limit.

| | | | |
|---------------|----------------------|-------------|------|
| Ant. Polarity | Horizontal | Test Result | Pass |
| Test Mode | Mode #9, Full System | | |

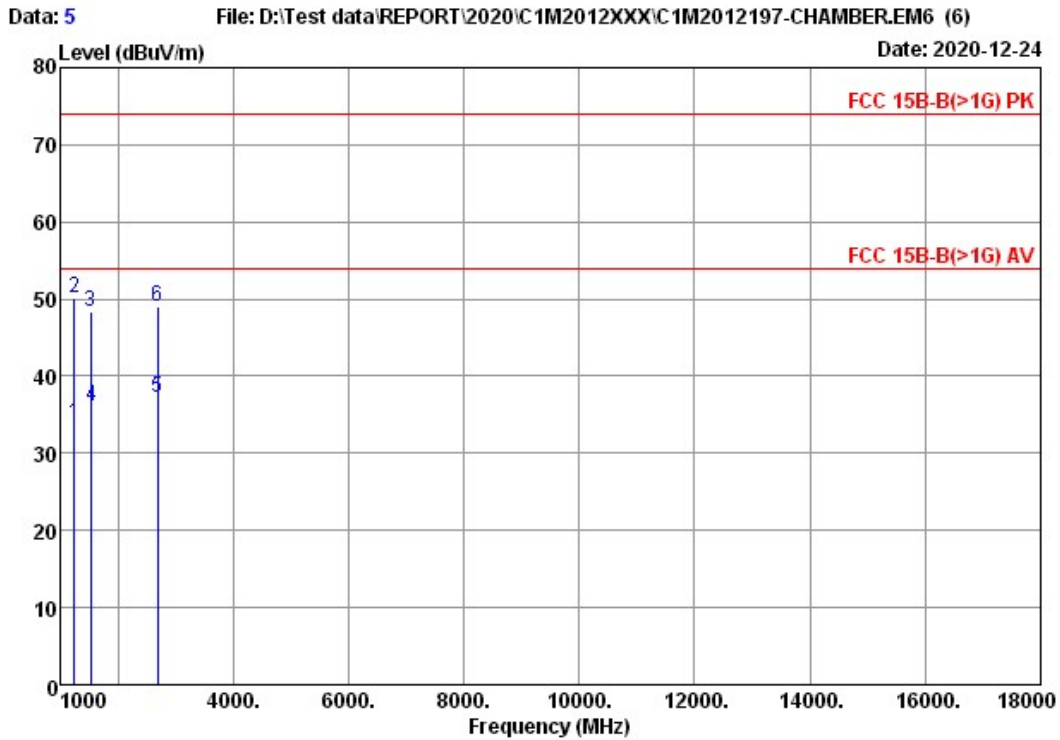


| | | | |
|----------------|---------------------------------|-------------|---------------|
| Site No. | : No.2 3m Semi Anechoic Chamber | Data No. | : 6 |
| Instrument 1 | : Spectrum H9010B(128) | | |
| Instrument 2 | : 3117 (045) RE-15 8449B (681) | | |
| Distance/Limit | : 3m / FCC 15B-B(>1G) PK | Ant. Pol. | : HORIZONTAL |
| Environment | : 22°C / 57% | Engineer | : Jemy Wang |
| EUT Model | : Veriton H4740G | Test Rating | : 120Vac/60Hz |
| Test Mode | : Mode 9 | | |

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Reading (dBµV) | Emission Level (dBµV/m) | Limits (dBµV/m) | Margin (dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|---------|
| 1 | 1024.110 | 27.46 | 3.98 | 36.31 | 38.85 | 33.98 | 53.98 | 20.00 | Average |
| 2 | 1025.000 | 27.54 | 3.98 | 36.31 | 54.83 | 50.04 | 73.98 | 23.94 | Peak |
| 3 | 1544.860 | 28.45 | 4.81 | 35.71 | 36.42 | 33.97 | 53.98 | 20.01 | Average |
| 4 | 1545.000 | 28.52 | 4.81 | 35.71 | 49.49 | 47.11 | 73.98 | 26.87 | Peak |
| 5 | 2695.000 | 32.10 | 6.58 | 35.75 | 46.18 | 49.11 | 73.98 | 24.87 | Peak |
| 6 | 2699.440 | 32.10 | 6.58 | 35.75 | 34.60 | 37.53 | 53.98 | 16.45 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
 2. The emissions not reported are 20 dB lower than the specified limit.

| | | | |
|---------------|----------------------|-------------|------|
| Ant. Polarity | Vertical | Test Result | Pass |
| Test Mode | Mode #9, Full System | | |



| | | | |
|----------------|---------------------------------|-------------|---------------|
| Site No. | : No.2 3m Semi Anechoic Chamber | Data No. | : 5 |
| Instrument 1 | : Spectrum H9010B(128) | | |
| Instrument 2 | : 3117 (045) RE-15 8449B (681) | | |
| Distance/Limit | : 3m / FCC 15B-B(>1G) PK | Ant. Pol. | : VERTICAL |
| Environment | : 22°C / 57% | Engineer | : Jemy Wang |
| EUT Model | : Veriton H4740G | Test Rating | : 120Vac/60Hz |
| Test Mode | : Mode 9 | | |

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|---------|
| 1 | 1248.270 | 28.20 | 4.30 | 36.01 | 37.31 | 33.80 | 53.98 | 20.18 | Average |
| 2 | 1250.000 | 28.20 | 4.30 | 36.01 | 53.75 | 50.24 | 73.98 | 23.74 | Peak |
| 3 | 1535.000 | 28.30 | 4.77 | 35.71 | 50.89 | 48.25 | 73.98 | 25.73 | Peak |
| 4 | 1537.840 | 28.38 | 4.77 | 35.71 | 38.63 | 36.07 | 53.98 | 17.91 | Average |
| 5 | 2688.630 | 32.10 | 6.56 | 35.74 | 34.36 | 37.28 | 53.98 | 16.70 | Average |
| 6 | 2690.000 | 32.10 | 6.56 | 35.74 | 46.16 | 49.08 | 73.98 | 24.90 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
 2. The emissions not reported are 20 dB lower than the specified limit.

7. Measurement Uncertainty List

The measurement uncertainty was estimated for test on the EUT according to CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage of K=2.

The uncertainties value is not used in determining the PASS/FAIL results.

| Test Items/Facilities | Frequency/Equipment/Unit | Uncertainty |
|---|---------------------------------|-------------|
| Conducted emissions at AC mains power port | 9kHz-150kHz | ±3.7dB |
| | 150kHz-30MHz | ±3.5dB |
| Conducted emissions at wired network port | 150kHz-30MHz | ±3.5dB |
| Conducted emissions at broadcast receiver tuner port | 150kHz-30MHz | ±3.5dB |
| Conducted emissions Power Clamp (No. 7 Shielded Room) | 30MHz-300MHz | ±4.4dB |
| Conducted emissions Power Clamp (No. 8 Shielded Room) | 30MHz-300MHz | ±4.4dB |
| Radiated, magnetic field (Triple-Loop Antenna) | 9kHz-30MHz | ±0.5dB |
| Radiated, magnetic field (Loop Antenna) | 9kHz-150kHz | ±3.1dB |
| | 150kHz-30MHz | ±3.0dB |
| Radiated emissions (No.1 10m Semi Anechoic Chamber) | 30MHz-200MHz, 3m, Horizontal | ±4.3dB |
| | 200MHz-1000MHz, 3m, Horizontal | ±4.1dB |
| | 30MHz-200MHz, 3m, Vertical | ±4.3dB |
| | 200MHz-1000MHz, 3m, Vertical | ±4.2dB |
| | 30MHz-200MHz, 10m, Horizontal | ±4.3dB |
| | 200MHz-1000MHz, 10m, Horizontal | ±3.9dB |
| | 30MHz-200MHz, 10m, Vertical | ±4.3dB |
| | 200MHz-1000MHz, 10m, Vertical | ±3.9dB |
| | 1GHz-6GHz, 3m | ±4.1dB |
| | 6GHz-18GHz, 3m | ±4.4dB |
| Radiated emissions (No.2 10m Semi Anechoic Chamber) | 30MHz-200MHz, 3m, Horizontal | ±4.3dB |
| | 200MHz-1000MHz, 3m, Horizontal | ±4.2dB |
| | 30MHz-200MHz, 3m, Vertical | ±4.1dB |
| | 200MHz-1000MHz, 3m, Vertical | ±4.4dB |
| | 30MHz-200MHz, 10m, Horizontal | ±4.3dB |
| | 200MHz-1000MHz, 10m, Horizontal | ±4.0dB |
| | 30MHz-200MHz, 10m, Vertical | ±4.1dB |
| | 200MHz-1000MHz, 10m, Vertical | ±4.1dB |
| | 1GHz-6GHz, 3m | ±4.2dB |
| | 6GHz-18GHz, 3m | ±4.4dB |

| Test Items/Facilities | Frequency/Equipment/Unit | Uncertainty |
|---|--------------------------------|-------------|
| Radiated emissions (No.1 3m Semi Anechoic Chamber) | 30MHz-200MHz, 3m, Horizontal | ±4.1dB |
| | 200MHz-1000MHz, 3m, Horizontal | ±3.9dB |
| | 30MHz-200MHz, 3m, Vertical | ±4.2dB |
| | 200MHz-1000MHz, 3m, Vertical | ±4.1dB |
| | 1GHz-6GHz, 3m | ±4.2dB |
| | 6GHz-18GHz, 3m | ±4.6dB |
| Radiated emissions (No.2 3m Semi Anechoic Chamber) | 30MHz-200MHz, 3m, Horizontal | ±3.7dB |
| | 200MHz-1000MHz, 3m, Horizontal | ±4.0dB |
| | 30MHz-200MHz, 3m, Vertical | ±4.2dB |
| | 200MHz-1000MHz, 3m, Vertical | ±4.5dB |
| | 1GHz-6GHz, 3m | ±4.3dB |
| | 6GHz-18GHz, 3m | ±4.7dB |
| Radiated emissions (No.3 3m Semi Anechoic Chamber) | 30MHz-200MHz, 3m, Horizontal | ±3.9dB |
| | 200MHz-1000MHz, 3m, Horizontal | ±3.9dB |
| | 30MHz-200MHz, 3m, Vertical | ±4.4dB |
| | 200MHz-1000MHz, 3m, Vertical | ±4.1dB |
| Radiated emissions (No.4 3m Semi Anechoic Chamber) | 30MHz-200MHz, 3m, Horizontal | ±4.3dB |
| | 200MHz-1000MHz, 3m, Horizontal | ±4.0dB |
| | 30MHz-200MHz, 3m, Vertical | ±4.3dB |
| | 200MHz-1000MHz, 3m, Vertical | ±4.4dB |
| | 1GHz-6GHz, 3m | ±4.5dB |
| | 6GHz-18GHz, 3m | ±4.6dB |
| Radiated emissions (No.5 3m Semi Anechoic Chamber) | 30MHz-200MHz, 3m, Horizontal | ±4.0dB |
| | 200MHz-1000MHz, 3m, Horizontal | ±3.9dB |
| | 30MHz-200MHz, 3m, Vertical | ±4.2dB |
| | 200MHz-1000MHz, 3m, Vertical | ±4.3dB |
| | 1GHz-6GHz, 3m | ±4.3dB |
| | 6GHz-18GHz, 3m | ±4.7dB |

| Test Items/Facilities | Frequency/Equipment/Unit | Uncertainty |
|--|---------------------------------|-------------|
| Radiated emissions (No.3 Open Area Test Site) | 30MHz-200MHz, 3m, Horizontal | ±4.4dB |
| | 200MHz-1000MHz, 3m, Horizontal | ±4.2dB |
| | 30MHz-200MHz, 3m, Vertical | ±4.2dB |
| | 200MHz-1000MHz, 3m, Vertical | ±4.4dB |
| | 30MHz-200MHz, 10m, Horizontal | ±4.4dB |
| | 200MHz-1000MHz, 10m, Horizontal | ±4.0dB |
| | 30MHz-200MHz, 10m, Vertical | ±4.2dB |
| | 200MHz-1000MHz, 10m, Vertical | ±4.2dB |
| Radiated emissions (No.5 Open Area Test Site) | 30MHz-200MHz, 3m, Horizontal | ±4.3dB |
| | 200MHz-1000MHz, 3m, Horizontal | ±4.4dB |
| | 30MHz-200MHz, 3m, Vertical | ±4.4dB |
| | 200MHz-1000MHz, 3m, Vertical | ±4.9dB |
| | 30MHz-200MHz, 10m, Horizontal | ±4.3dB |
| | 200MHz-1000MHz, 10m, Horizontal | ±4.2dB |
| | 30MHz-200MHz, 10m, Vertical | ±4.4dB |
| | 200MHz-1000MHz, 10m, Vertical | ±4.7dB |
| Radiated emissions (No.6 Open Area Test Site) | 30MHz-200MHz, 3m, Horizontal | ±3.6dB |
| | 200MHz-1000MHz, 3m, Horizontal | ±4.4dB |
| | 30MHz-200MHz, 3m, Vertical | ±4.0dB |
| | 200MHz-1000MHz, 3m, Vertical | ±4.2dB |
| | 30MHz-200MHz, 10m, Horizontal | ±3.6dB |
| | 200MHz-1000MHz, 10m, Horizontal | ±4.2dB |
| | 30MHz-200MHz, 10m, Vertical | ±4.0dB |
| | 200MHz-1000MHz, 10m, Vertical | ±4.0dB |
| Radiated emissions (No.7 Open Area Test Site) | 30MHz-200MHz, 3m, Horizontal | ±3.6dB |
| | 200MHz-1000MHz, 3m, Horizontal | ±4.5dB |
| | 30MHz-200MHz, 3m, Vertical | ±4.3dB |
| | 200MHz-1000MHz, 3m, Vertical | ±4.7dB |
| | 30MHz-200MHz, 10m, Horizontal | ±3.6dB |
| | 200MHz-1000MHz, 10m, Horizontal | ±4.3dB |
| | 30MHz-200MHz, 10m, Vertical | ±4.3dB |
| | 200MHz-1000MHz, 10m, Vertical | ±4.5dB |
| Radiated emissions (No.8 Open Area Test Site) | 30MHz-200MHz, 3m, Horizontal | ±3.8dB |
| | 200MHz-1000MHz, 3m, Horizontal | ±4.2dB |
| | 30MHz-200MHz, 3m, Vertical | ±4.5dB |
| | 200MHz-1000MHz, 3m, Vertical | ±4.3dB |
| | 30MHz-200MHz, 10m, Horizontal | ±3.7dB |
| | 200MHz-1000MHz, 10m, Horizontal | ±4.0dB |
| | 30MHz-200MHz, 10m, Vertical | ±4.5dB |
| | 200MHz-1000MHz, 10m, Vertical | ±4.1dB |

APPENDIX I
(Lab. Certificate)



Certificate No. : L1724-181116

財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate of Accreditation

This is to certify that

Audix Technology Corporation
EMC Department

No.53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan (R.O.C.)

is accredited in respect of laboratory

Accreditation Criteria : ISO/IEC 17025:2005
Accreditation Number : 1724
Originally Accredited : November 27, 2006
Effective Period : November 27, 2018 to November 26, 2021
Accredited Scope : Testing Field, see described in the Appendix
Accreditation Program for Designated Testing Laboratory
for Commodities Inspection
Specific Accreditation Program : Accreditation Program for Communication Equipment
Laboratories
Accreditation Program for BSMI Mutual Recognition
Arrangement with Foreign Authorities

Chung-Lin Wang
President, Taiwan Accreditation Foundation
Date : November 16, 2018

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200077-0

Audix Technology Corporation EMC Department
New Taipei City
Taiwan

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Electromagnetic Compatibility & Telecommunications

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-12-13 through 2020-12-31
Effective Dates



For the National Voluntary Laboratory Accreditation Program

APPENDIX II
(Test Photographs)