



FCC EMI TEST REPORT

FCC ID : GZ5NVG558
Equipment : Fixed Broadband Gateway
Brand Name : ARRIS
Model Name : NVG558H
Applicant : Arris
101 Tournament Drive, Horsham PA, 19044
Manufacturer : Arris
101 Tournament Drive, Horsham PA, 19044
Standard : FCC 47 CFR FCC Part 15 Subpart B Class B

The product was received on Sep. 26, 2019 and testing was started from Sep. 26, 2019 and completed on Oct. 01, 2019. We, Sporton International (USA) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by A2LA or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (USA) Inc., the test report shall not be reproduced except in full.

Approved by: Ken Chen

Sporton International (USA) Inc.
1175 Montague Expressway, Milpitas, CA 95035

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History of this test report

| Report No. | Version | Description | Issued Date |
|-------------|---------|-------------------------|---------------|
| FC190926002 | 01 | Initial issue of report | Oct. 22, 2019 |
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Summary of Test Result

| Report Clause | Ref Std. Clause | Test Items | Result (PASS/FAIL) | Remark |
|---------------|-----------------|-----------------------|--------------------|---|
| 3.1 | 15.107 | AC Conducted Emission | Pass | Under limit 15.19 dB at 0.481 MHz |
| 3.2 | 15.109 | Radiated Emission | Pass | Under limit 0.17 dB at 53.280 MHz for Quasi-Peak |

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1. General Description

1.1. Product Feature of Equipment Under Test

LTE, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac.

| Product Specification subjective to this standard | |
|---|---|
| Integrated the WLAN Module | Brand Name: ARRIS Model Name: NVG5XDBAC FCC ID: PGR-NVG5XDBAC |
| Antenna Type | WWAN: Fixed Externa / Fixed Internal Antenna WLAN: PCB Antenna |

Remark: All the tests were performed with Fixed Internal Antenna.

1.2. Modification of EUT

No modifications are made to the EUT during all test items.

1.3. Test Location

| | | |
|--------------------|---|-----------|
| Test Site | Sporton International (USA) Inc. | |
| Test Site Location | 1175 Montague Expressway, Milpitas, CA 95035 TEL : 408 9043300 | |
| Test Site No. | Sporton Site No. | |
| | CO01-CA | 03CH01-CA |

1.4. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC 47 CFR FCC Part 15 Subpart B
- ♦ ANSI C63.4-2014

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

2. Test Configuration of Equipment Under Test

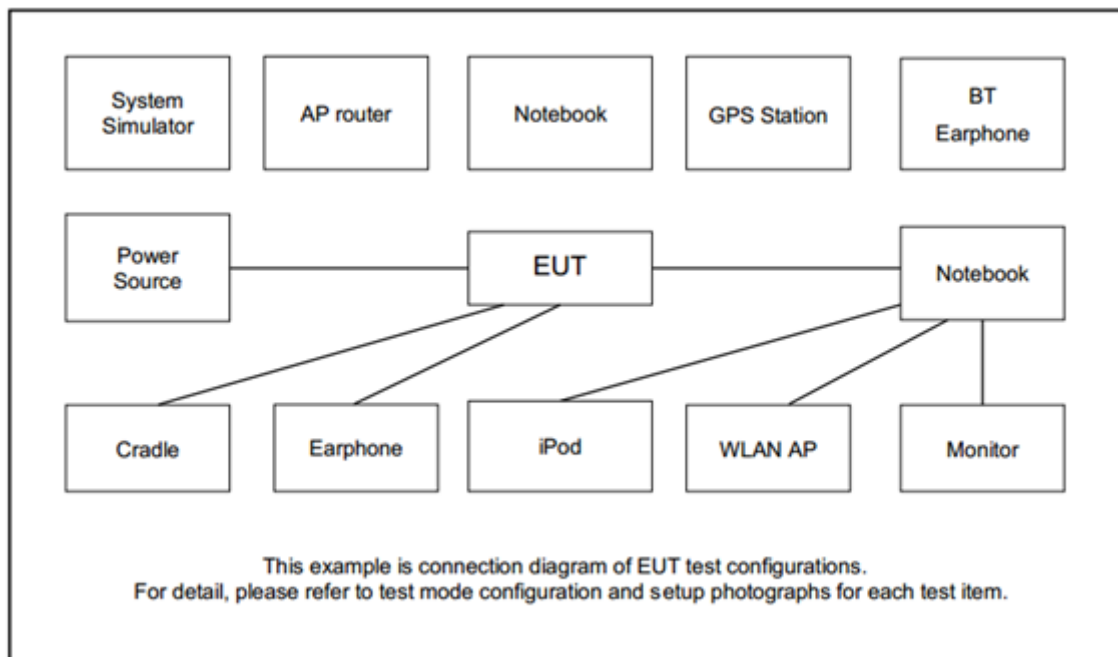
2.1. Test Mode

The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

| Test Items | Function Type |
|--|---|
| AC Conducted Emission | Mode 1: LTE Band 30 Idle + WLAN Idle + WAN Load + LAN Link + USB Load + RJ11 Link (Charging from Adapter) |
| | Mode 2: WLAN Idle + WAN Link + LAN Link + USB Load + RJ11 Link (Charging from Adapter) |
| Radiated Emissions | Mode 1: LTE Band 30 Idle + WLAN Idle + WAN Load + LAN Link + USB Load + RJ11 Link (Charging from Adapter) |
| | Mode 2: WLAN Idle + WAN Link + LAN Link + USB Load + RJ11 Link (Charging from Adapter) |
| Remark: | |
| 1. The worst case of AC is mode 2; only the test data of this mode was reported. | |
| 2. The worst case of RE is mode 1; only the test data of this mode was reported. | |

2.2. Connection Diagram of Test System



2.3. Support Unit used in test configuration and system

| Item | Equipment | Trade Name | Model Name | FCC ID | Data Cable | Power Cord |
|------|------------------|------------|------------|--------|------------|-------------------|
| 1. | System Simulator | Anritsu | MT8820C | N/A | N/A | Unshielded, 1.8 m |

2.4. EUT Operation Test Setup

The EUT was in LTE idle mode during the testing. The EUT was synchronized with the BCCH, and had been continuous receiving mode by setting paging reorganization of the system simulator.

1. Execute "Ping" and link with Notebook via RJ-45 Cable.
2. EUT links with Phone with RJ-11.

3. Test Result

3.1. Test of AC Conducted Emission Measurement

3.1.1. Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

<Class B>

| Frequency of emission (MHz) | Conducted limit (dBuV) | |
|--------------------------------|------------------------|-----------|
| | Quasi-peak | Average |
| 0.15-0.5 | 66 to 56* | 56 to 46* |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

*Decreases with the logarithm of the frequency.

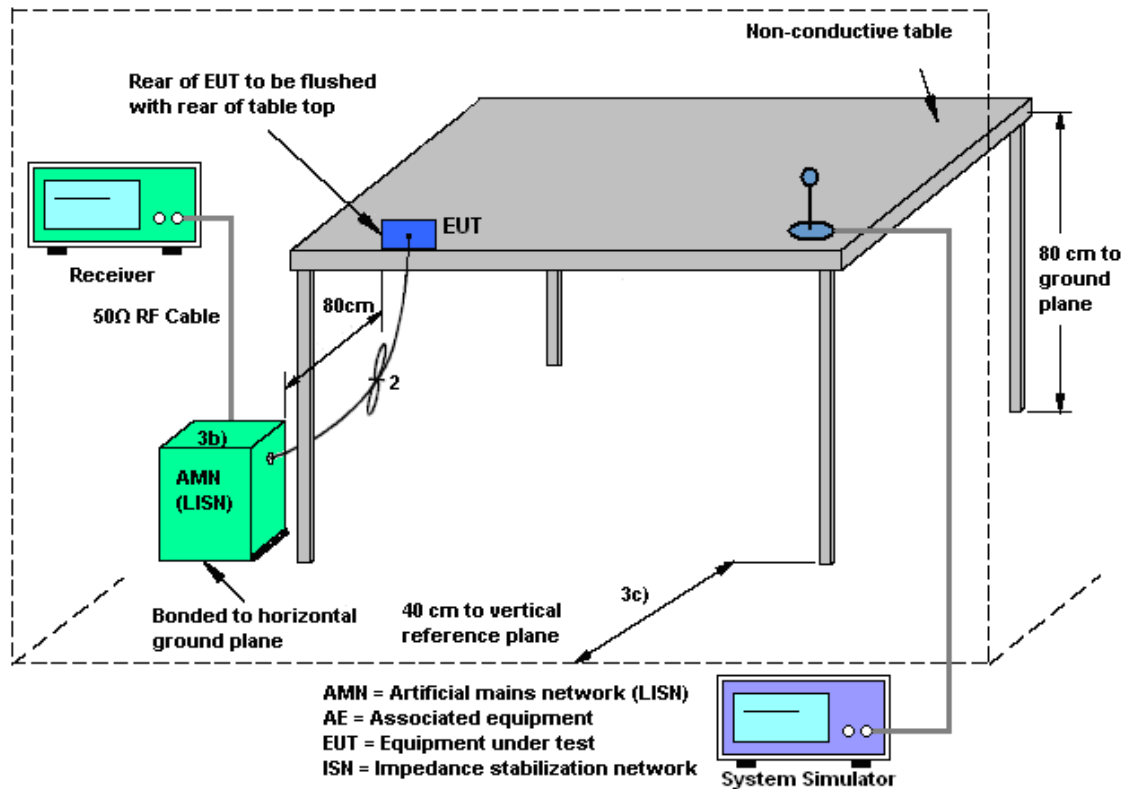
3.1.2. Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3. Test Procedure

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

3.1.4. Test Setup



3.1.5. Test Result of AC Conducted Emission

Please refer to Appendix A.

3.2. Test of Radiated Emission Measurement

3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

<Class B>

| Frequency (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|-----------------|-----------------------------------|-------------------------------|
| 30 – 88 | 100 | 3 |
| 88 – 216 | 150 | 3 |
| 216 - 960 | 200 | 3 |
| Above 960 | 500 | 3 |

3.2.2. Measuring Instruments

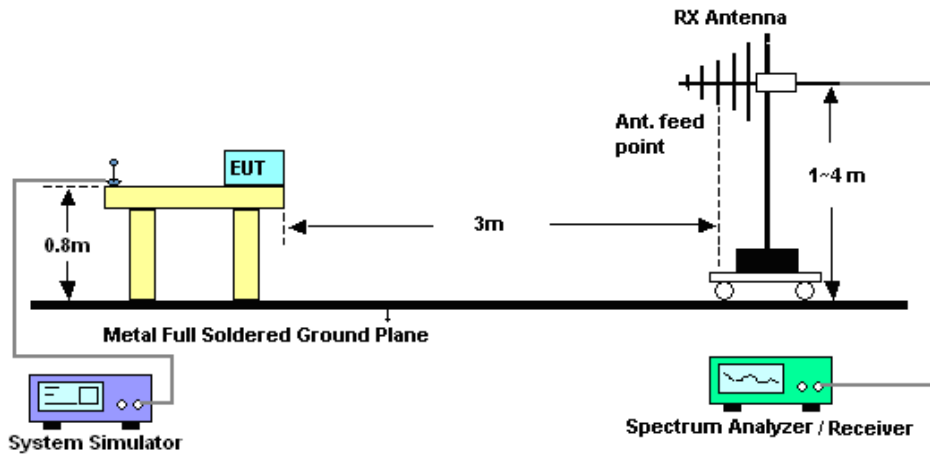
Refer a test equipment and calibration data table in this test report.

3.2.3. Test Procedures

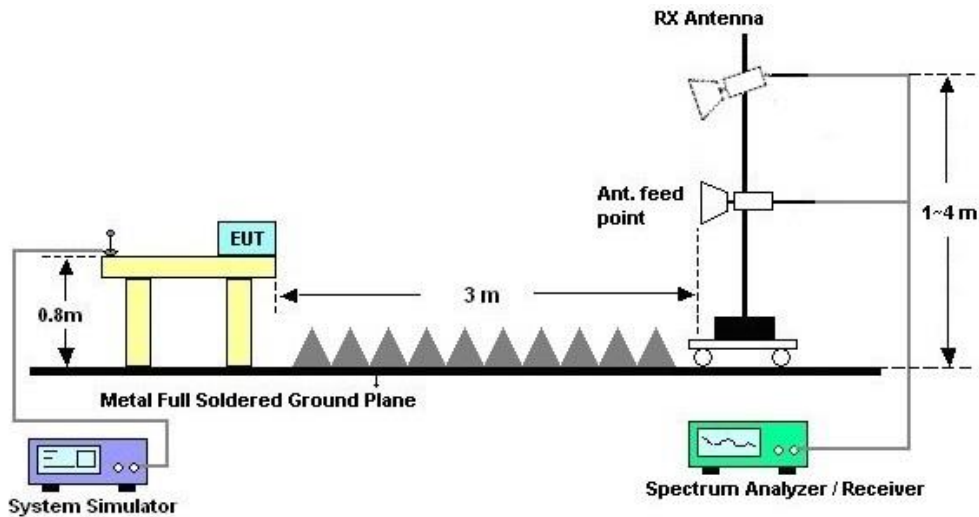
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120kHz/VBW=300kHz for frequency below 1GHz; RBW=1MHz VBW=3MHz (Peak), RBW=1MHz/VBW=10Hz (Average) for frequency above 1GHz).
7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
8. Emission level (dBμV/m) = 20 log Emission level (μV/m)
9. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level

3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.2.5. Test Result of Radiated Emission

Please refer to Appendix B.



4. List of Measuring Equipment

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|-------------------------------------|--------------|----------------------------------|------------------|-----------------|------------------|---------------|---------------|-----------------------|
| LISN | TESEQ | NNB51 | 47407 | N/A | Jun. 26, 2019 | Oct. 01, 2019 | Jun. 25, 2020 | Conduction (CO01-CA) |
| EMI Test Receiver | R&S | ESR7 | 102177 | 9KHz~7GHz | Jun. 27, 2019 | Oct. 01, 2019 | Jun. 26, 2020 | Conduction (CO01-CA) |
| Pulse limiter with 10dB attenuation | R&S | VTSD 9561-F N | 9561-F-N00412 | N/A | Jun. 11, 2019 | Oct. 01, 2019 | Jun. 10, 2020 | Conduction (CO01-CA) |
| Test Software | EMC32 | N/A | N/A | N/A | N/A | Oct. 01, 2019 | N/A | Conduction (CO01-CA) |
| Bilog Antenna | TESEQ | 6111D | 50391 | 30MHz~1GHz | Jun. 26, 2019 | Sep. 26, 2019 | Jun. 25, 2020 | Radiation (03CH01-CA) |
| Horn Antenna | SCHWARZBECK | BBHA 9120D | 02140 | 1GHz~18GHz | Aug. 19, 2019 | Sep. 26, 2019 | Aug. 18, 2020 | Radiation (03CH01-CA) |
| Amplifier | SONOMA | 310N | 372241 | N/A | Jul. 26, 2019 | Sep. 26, 2019 | Jul. 25, 2020 | Radiation (03CH01-CA) |
| Preamplifier | Jet-Power | JPA0118-55-303 | 1710001800055007 | 1GHz~18GHz | Apr. 01, 2019 | Sep. 26, 2019 | Mar. 31, 2020 | Radiation (03CH01-CA) |
| Preamplifier | Keysight | 83017A | MY53270323 | 1GHz~26.5GHz | Jul. 26, 2019 | Sep. 26, 2019 | Jul. 25, 2020 | Radiation (03CH01-CA) |
| EMI Test Receiver | R&S | ESU26 | 100049 | 20Hz~26.5GHz | Jul. 31, 2019 | Sep. 26, 2019 | Jul. 30, 2020 | Radiation (03CH01-CA) |
| Filter | Wainwright | WLK12-1200-1272-11000-40SS | SN1 | 1.2G Low Pass | Aug. 02, 2019 | Sep. 26, 2019 | Aug. 01, 2020 | Radiation (03CH01-CA) |
| Filter | Wainwright | WHKX12-2700-3000-18000-60ST | SN9 | 3G High pass | Aug. 02, 2019 | Sep. 26, 2019 | Aug. 01, 2020 | Radiation (03CH01-CA) |
| Filter | Wainwright | WHKX8-5872.5-6750-18000-40ST | SN8 | 6.75 High pass | Aug. 02, 2019 | Sep. 26, 2019 | Aug. 01, 2020 | Radiation (03CH01-CA) |
| Notch Filter | Wainwright | WRCJV10-2375-2400-2483-2508-40SS | SN4 | Notch Filter | Aug. 02, 2019 | Sep. 26, 2019 | Aug. 01, 2020 | Radiation (03CH01-CA) |
| Notch Filter | Wainwright | WRCJV12-5120-5150-5350-5380-40SS | SN14 | Notch Filter | Aug. 02, 2019 | Sep. 26, 2019 | Aug. 01, 2020 | Radiation (03CH01-CA) |
| Antenna Mast | ChainTek | MBS-520-1 | N/A | 1m~4m | N/A | Sep. 26, 2019 | N/A | Radiation (03CH01-CA) |
| Turn Table | ChainTek | T-200-S-1 | N/A | 0~360 Degree | N/A | Sep. 26, 2019 | N/A | Radiation (03CH01-CA) |

5. Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

| | |
|--|-----|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$) | 1.7 |
|--|-----|

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

| | |
|--|-----|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$) | 4.4 |
|--|-----|

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

| | |
|--|-----|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$) | 6.5 |
|--|-----|



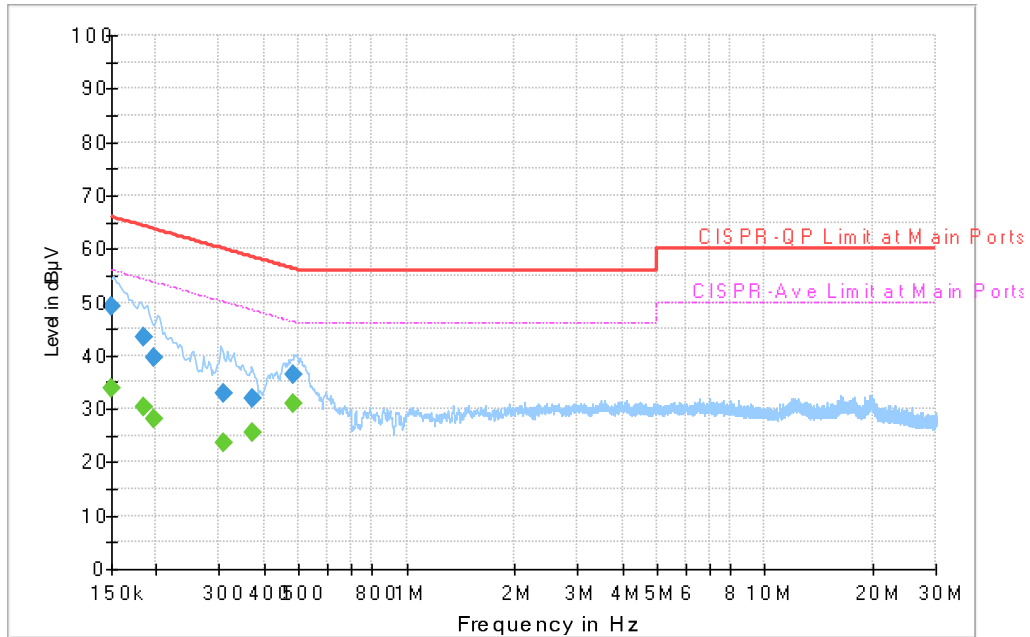
Appendix A. AC Conducted Emission Test Results

| | | | |
|------------------------|-----------|----------------------------|---------|
| Test Engineer : | Eric Jeng | Temperature : | 22~25°C |
| | | Relative Humidity : | 42~48% |

EUT Information

Test Site : CO01-CA
 Project No : 190926002
 TestMode : Mode 2
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



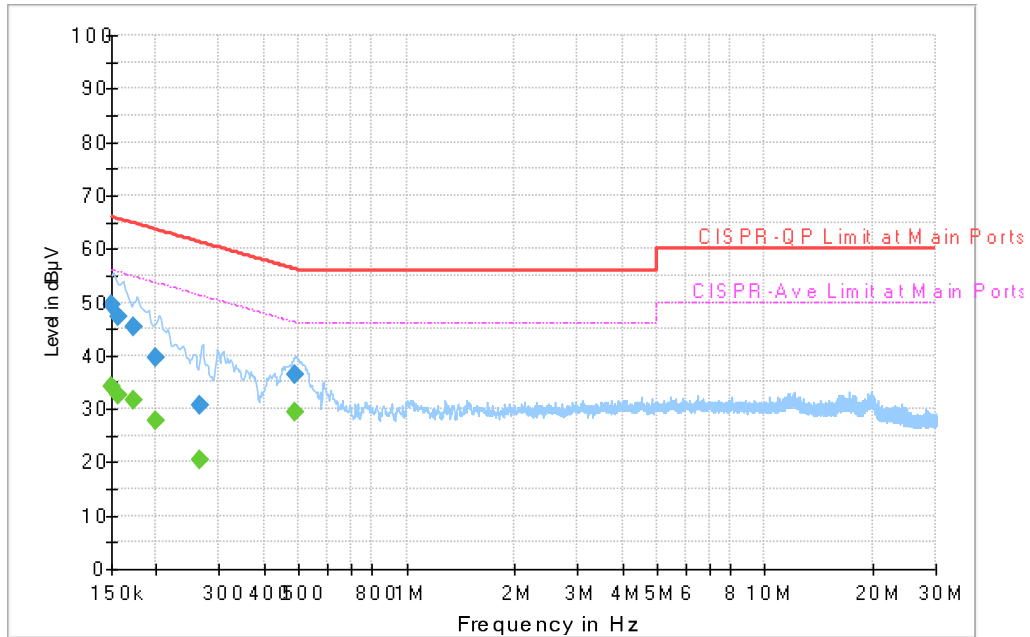
Final_Result

| Frequency (MHz) | QuasiPeak (dBμV) | CAverage (dBμV) | Limit (dBμV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.150473 | --- | 33.96 | 55.97 | 22.01 | L1 | OFF | 20.0 |
| 0.150473 | 49.19 | --- | 65.97 | 16.78 | L1 | OFF | 20.0 |
| 0.184380 | --- | 30.46 | 54.29 | 23.83 | L1 | OFF | 20.0 |
| 0.184380 | 43.37 | --- | 64.29 | 20.92 | L1 | OFF | 20.0 |
| 0.197250 | --- | 27.97 | 53.73 | 25.76 | L1 | OFF | 20.0 |
| 0.197250 | 39.61 | --- | 63.73 | 24.12 | L1 | OFF | 20.0 |
| 0.307500 | --- | 23.77 | 50.04 | 26.27 | L1 | OFF | 20.0 |
| 0.307500 | 32.85 | --- | 60.04 | 27.19 | L1 | OFF | 20.0 |
| 0.372750 | --- | 25.63 | 48.44 | 22.81 | L1 | OFF | 20.0 |
| 0.372750 | 32.08 | --- | 58.44 | 26.36 | L1 | OFF | 20.0 |
| 0.480840 | --- | 31.14 | 46.33 | 15.19 | L1 | OFF | 20.0 |
| 0.480840 | 36.54 | --- | 56.33 | 19.79 | L1 | OFF | 20.0 |

EUT Information

Test Site : CO01-CA
 Project No : 190926002
 Test Mode : Mode 2
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final_Result

| Frequency (MHz) | QuasiPeak (dBμV) | CAverage (dBμV) | Limit (dBμV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.150810 | --- | 34.13 | 55.96 | 21.83 | N | OFF | 20.0 |
| 0.150810 | 49.37 | --- | 65.96 | 16.59 | N | OFF | 20.0 |
| 0.156750 | --- | 32.72 | 55.63 | 22.91 | N | OFF | 20.0 |
| 0.156750 | 47.31 | --- | 65.63 | 18.32 | N | OFF | 20.0 |
| 0.172500 | --- | 31.50 | 54.84 | 23.34 | N | OFF | 20.0 |
| 0.172500 | 45.29 | --- | 64.84 | 19.55 | N | OFF | 20.0 |
| 0.199500 | --- | 27.86 | 53.63 | 25.77 | N | OFF | 20.0 |
| 0.199500 | 39.50 | --- | 63.63 | 24.13 | N | OFF | 20.0 |
| 0.264750 | --- | 20.33 | 51.28 | 30.95 | N | OFF | 20.0 |
| 0.264750 | 30.72 | --- | 61.28 | 30.56 | N | OFF | 20.0 |
| 0.487500 | --- | 29.33 | 46.21 | 16.88 | N | OFF | 20.0 |
| 0.487500 | 36.39 | --- | 56.21 | 19.82 | N | OFF | 20.0 |



Appendix B. Radiated Emission Test Result

| | | | | | | | | | | | |
|-----------------|---|---------------------|------------|--|--|--|--|--|--|--|--|
| Test Engineer : | Eric Jeng | Temperature : | 22~25°C | | | | | | | | |
| | | Relative Humidity : | 42~48% | | | | | | | | |
| Test Distance : | 3m | Polarization : | Horizontal | | | | | | | | |
| Remark : | #8 is system simulator signal which can be ignored. | | | | | | | | | | |

Level (dBuV/m)

Date: 09-26-2019

The graph displays the radiated emission levels across a frequency range from 30 MHz to 13,000 MHz. Two horizontal red lines represent the FCC CLASS-B limits: a solid line at 76.2 dBuV/m and an average line at 55.4 dBuV/m. Blue vertical lines indicate measured peaks, numbered 1 through 14. Most peaks are below the 55.4 dBuV/m average limit, except for peak 10 at 5000 MHz which is slightly above it. Peak 8 at 2355 MHz is marked as a system simulator signal.

Frequency (MHz)

Site : 03CH01-CA

Condition : FCC CLASS-B 3m HORN 9120D-HF_02140 HORIZONTAL

Project : 190926002

EUT : FIXED BROADBAND GATEWAY

POWER : AVR 120V / 60 Hz

Model : NVG558H

Plane : EUT_With Adapter

Plane : LTE_Band30_BW 10M_CH27710_1RB0 QPSK

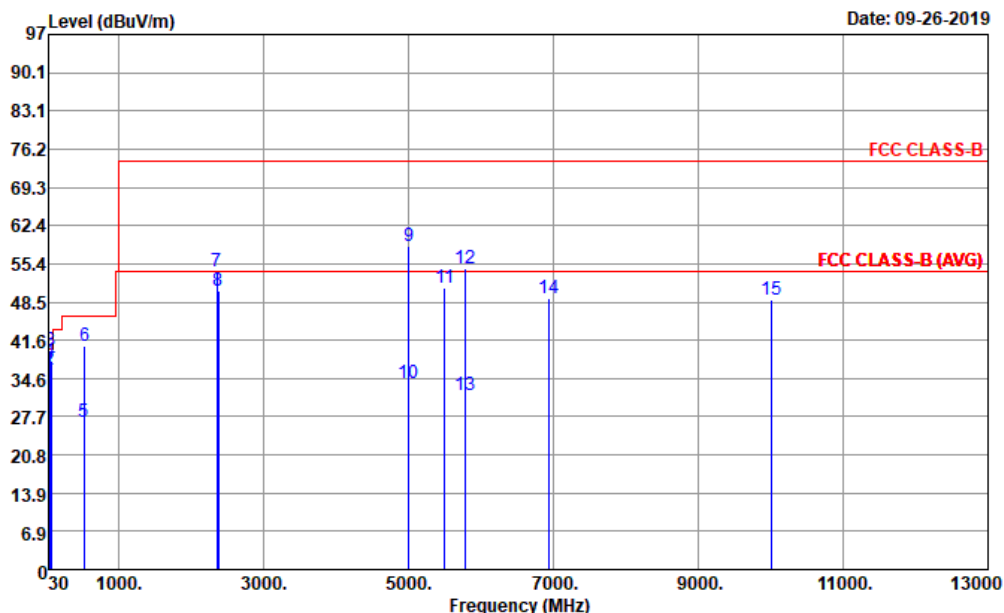
Plane : Wifi 2.4G Ch01 + Wifi 5G Ch36 Idle

Plane : Lan port to NB (LAN Test)

| | Freq | Level | Over Limit | Limit Line | ReadAntenna Level | Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|----|----------|--------|------------|------------|-------------------|--------|------------|---------------|-------|-------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | |
| 1 | 64.92 | 33.56 | -6.44 | 40.00 | 52.26 | 11.89 | 1.45 | 32.45 | --- | --- | Peak |
| 2 | 523.73 | 28.51 | -17.49 | 46.00 | 33.70 | 23.97 | 3.47 | 32.75 | 100 | 355 | QP |
| 3 | 533.43 | 39.96 | -6.04 | 46.00 | 45.10 | 24.00 | 3.52 | 32.76 | 100 | 264 | QP |
| 4 | 578.05 | 35.82 | -10.18 | 46.00 | 38.84 | 25.94 | 3.75 | 32.82 | --- | --- | Peak |
| 5 | 746.83 | 36.76 | -9.24 | 46.00 | 36.99 | 28.04 | 4.05 | 32.56 | --- | --- | Peak |
| 6 | 954.41 | 33.17 | -12.83 | 46.00 | 28.27 | 30.98 | 4.65 | 31.18 | --- | --- | Peak |
| 7 | 2126.00 | 50.35 | -23.65 | 74.00 | 47.42 | 27.54 | 6.52 | 31.31 | --- | --- | Peak |
| 8 | 2355.00 | | | 74.00 | 46.55 | 27.79 | 6.90 | 31.19 | --- | --- | Peak |
| 9 | 2626.00 | 50.23 | -23.77 | 74.00 | 45.81 | 27.80 | 7.34 | 31.04 | --- | --- | Peak |
| 10 | 5000.00 | 56.71 | -17.29 | 74.00 | 69.70 | 31.60 | 10.33 | 56.62 | 100 | 303 | Peak |
| 11 | 5000.00 | 33.91 | -20.09 | 54.00 | 46.90 | 31.60 | 10.33 | 56.62 | 100 | 303 | Average |
| 12 | 5788.00 | 49.66 | -24.34 | 74.00 | 61.75 | 32.25 | 11.39 | 57.10 | --- | --- | Peak |
| 13 | 6948.00 | 50.50 | -23.50 | 74.00 | 58.70 | 35.09 | 12.03 | 57.02 | --- | --- | Peak |
| 14 | 11698.00 | 50.29 | -23.71 | 74.00 | 54.42 | 39.75 | 15.58 | 59.85 | --- | --- | Peak |



| | | | |
|-----------------|---|---------------------|----------|
| Test Engineer : | Eric Jeng | Temperature : | 22~25°C |
| | | Relative Humidity : | 42~48% |
| Test Distance : | 3m | Polarization : | Vertical |
| Remark : | #7 is system simulator signal which can be ignored. | | |



Site : 03CH01-CA
Condition : FCC CLASS-B 3m HORN 9120D-HF_02140 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Project : 190926002
EUT : FIXED BROADBAND GATEWAY
POWER : AVR 120V / 60 Hz
Model : NV6558H
Plane : EUT_With Adapter
: LTE_Band30_BW 10M_CH27710_1R80 QPSK
: Wifi 2.4G Ch01 + Wifi 5G Ch36 Idle
: Lan port to NB (LAN Test)

| | Freq | Level | Over Limit | Limit Line | ReadAntenna Level | Cable Factor | Preamplifier Loss | A/Pos | T/Pos | Remark |
|----|---------|--------|------------|------------|-------------------|--------------|-------------------|-------|-------|-----------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |
| 1 | 30.97 | 36.25 | -3.75 | 40.00 | 43.21 | 24.32 | 1.16 | 32.50 | 100 | 0 QP |
| 2 | 41.64 | 36.18 | -3.82 | 40.00 | 48.70 | 18.62 | 1.27 | 32.48 | 100 | 0 QP |
| 3 | 53.28 | 39.83 | -0.17 | 40.00 | 57.71 | 12.89 | 1.38 | 32.46 | 100 | 223 QP |
| 4 | 63.95 | 37.71 | -2.29 | 40.00 | 56.50 | 11.80 | 1.44 | 32.45 | 100 | 360 QP |
| 5 | 523.73 | 26.71 | -19.29 | 46.00 | 31.90 | 23.97 | 3.47 | 32.75 | 100 | 360 QP |
| 6 | 533.43 | 40.56 | -5.44 | 46.00 | 45.70 | 24.00 | 3.52 | 32.76 | 100 | 323 QP |
| 7 | 2355.00 | | | 74.00 | 50.17 | 27.89 | 6.90 | 31.19 | --- | --- Peak |
| 8 | 2376.00 | 50.44 | -23.56 | 74.00 | 46.70 | 27.77 | 6.93 | 31.18 | --- | --- Peak |
| 9 | 5000.00 | 58.56 | -15.44 | 74.00 | 71.46 | 31.69 | 10.33 | 56.62 | 110 | 0 Peak |
| 10 | 5000.00 | 33.80 | -20.20 | 54.00 | 46.70 | 31.69 | 10.33 | 56.62 | 110 | 0 Average |
| 11 | 5500.00 | 50.94 | -23.06 | 74.00 | 62.81 | 32.01 | 11.00 | 57.01 | --- | --- Peak |
| 12 | 5788.00 | 54.48 | -19.52 | 74.00 | 66.58 | 32.24 | 11.39 | 57.10 | 186 | 0 Peak |
| 13 | 5788.00 | 31.48 | -22.52 | 54.00 | 43.58 | 32.24 | 11.39 | 57.10 | 186 | 0 Average |
| 14 | 6948.00 | 49.14 | -24.86 | 74.00 | 57.35 | 35.08 | 12.03 | 57.02 | --- | --- Peak |



| Test Engineer : | Eric Jeng | Temperature : | | 22~25°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------|---------------------|------------|------------|-------------------|----------------|------------|---------------|-------|-------|--------|--|------|-------|------------|------------|-------------------|----------------|------------|---------------|-------|-------|--------|--|-----|--------|----|--------|------|------|----|----|----|-----|--|----|----------|-------|--------|-------|-------|-------|-------|-------|-----|-----|------|
| | | Relative Humidity : | | 42~48% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test Distance : | 3m | Polarization : | | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit Line</th><th>ReadAntenna Level</th><th>Antenna Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>15</td><td>10000.00</td><td>48.98</td><td>-25.02</td><td>74.00</td><td>53.12</td><td>38.82</td><td>14.72</td><td>58.15</td><td>---</td><td>---</td><td>Peak</td></tr></table> | | | | | | | | | | | | | Freq | Level | Over Limit | Limit Line | ReadAntenna Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark | | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | | 15 | 10000.00 | 48.98 | -25.02 | 74.00 | 53.12 | 38.82 | 14.72 | 58.15 | --- | --- | Peak |
| | Freq | Level | Over Limit | Limit Line | ReadAntenna Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 10000.00 | 48.98 | -25.02 | 74.00 | 53.12 | 38.82 | 14.72 | 58.15 | --- | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |