



RF TEST REPORT



Report No.: FCC_IC_RF_SL17110701-SEV-050A3_Co-Location
Supersede Report No.: NONE

| | | |
|---|---|--|
| Applicant | : | Getaround, Inc |
| Host Product Name | : | Getaround Connect™ 4 |
| Module Model No. | : | Connect™ 4 |
| Test Standard | : | 15.209, 15.247, Part 22, Part 24 RSS247 Issue 2, RSS 132 Issue 3, RSS 139 Issue 3 |
| Test Method | : | FCC 15.209, 15.247, Part 22, Part 24 ANSI C63.10 2013 RSS Gen Issue 4 2014 |
| FCC ID | : | 2AOTVCU002854 |
| IC ID | : | 23570-CU002854 |
| Dates of test | : | 12/10/2017 to 12/21/2017 |
| Issue Date | : | 01/16/2018 |
| Test Result | : | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| Equipment complied with the specification | | [X] |
| Equipment did not comply with the specification | | [] |

This Test Report is Issued Under the Authority of:

| | |
|---|---|
|  |  |
| Vijay Chaudhary | Chen Ge |
| RF Test Engineer | Engineer Reviewer |

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Issued By:
SIEMIC Laboratories
775 Montague Expressway, Milpitas, CA 95035



775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088

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Laboratory Introduction

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Accreditations for Conformity Assessment

| Country/Region | Accreditation Body | Scope |
|----------------|------------------------|-----------------------------------|
| USA | FCC, A2LA | EMC, RF/Wireless, Telecom |
| Canada | IC, A2LA, NIST | EMC, RF/Wireless, Telecom |
| Taiwan | BSMI, NCC, NIST | EMC, RF, Telecom, Safety |
| Hong Kong | OFTA, NIST | RF/Wireless, Telecom |
| Australia | NATA, NIST | EMC, RF, Telecom, Safety |
| Korea | KCC/RRR, NIST | EMI, EMS, RF, Telecom, Safety |
| Japan | VCCI, JATE, TELEC, RFT | EMI, RF/Wireless, Telecom |
| Mexico | NOM, COFETEL, Caniety | EMC, RF/Wireless, Telecom, Safety |
| Europe | A2LA, NIST | EMC, RF, Telecom, Safety |
| Israel | MOC, NIST | EMC, RF, Telecom, Safety |

Accreditations for Product Certifications

| Country | Accreditation Body | Scope |
|-----------|--------------------|---------------------|
| USA | FCC TCB, NIST | EMC, RF, Telecom |
| Canada | IC FCB, NIST | EMC, RF, Telecom |
| Singapore | iDA, NIST | EMC, RF, Telecom |
| EU | NB | EMC & RED Directive |
| Japan | MIC (RCB 208) | RF, Telecom |
| Hong Kong | OFTA (US002) | RF, Telecom |

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1 Report Revision History

| Report No. | Report Version | Description | Issue Date |
|--|----------------|-------------|------------|
| FCC_IC_RF_SL17110701-SEV-050A3_Co-Location | None | Original | 12/27/2017 |
| | | | |
| | | | |
| | | | |
| | | | |

2 Executive Summary

The purpose of this test program was to demonstrate compliance of following product

Company: Getaround, Inc
Host Product: Getaround Connect™ 4.0
Model: Connect™ 4.0

against the current Stipulated Standards. The specified model product stated above has demonstrated compliance with the Stipulated Standard listed on 1st page.

3 Customer information

| | | |
|----------------------|---|---|
| Applicant Name | : | Getaround, Inc |
| Applicant Address | : | 1177 Harrison Street San Francisco, CA 94103, USA |
| Manufacturer Name | : | Getaround, Inc |
| Manufacturer Address | : | 1177 Harrison Street San Francisco, CA 94103, USA |

4 Test site information

| | | |
|----------------------|---|---|
| Lab performing tests | : | SIEMIC Laboratories |
| Lab Address | : | 775 Montague Expressway, Milpitas, CA 95035 |
| FCC Test Site No. | : | 881796 |
| IC Test Site No. | : | 4842D-2 |
| VCCI Test Site No. | : | A0133 |

5 Modification

| Index | Item | Description | Note |
|-------|------|-------------|------|
| - | - | - | - |
| - | - | - | - |

6 EUT Information

6.1 EUT Description

| | |
|---------------------------|------------------------|
| Product Name | Getaround Connect™ 4.0 |
| Model No. | Connect™ 4.0 |
| Trade Name | Getaround, Inc |
| Serial No. | S/N 10030 and 10029 |
| Input Power | 12VDC |
| Power Adapter Manu/Model | N/A |
| Power Adapter SN | N/A |
| Date of EUT received | 12/10/2017 |
| Equipment Class/ Category | DTS |
| Clock Frequencies | N/A |
| Port/Connectors | N/A |

6.2 Radio Description

Specifications for Radio:

Bluetooth LE:

| Radio Type | Bluetooth (Ver4.1) |
|------------------------|--------------------|
| Operating Frequency | 2402MHz-2480MHz |
| Modulation | GFSK |
| Channel Spacing | 2MHz |
| Antenna Type | Monopole Antenna |
| Antenna Gain | 1.5 dBi |
| Antenna Connector Type | u.FL |
| Note | N/A |

Gain and Efficiency

(Ground length: 9.5cm)

| Penta-Band antenna peak gain parameter summary | | | | | | | | | | |
|--|-----------|------|------|------|-----------|------|-----------|------|-------------|------|
| Band | GSM (MHz) | | | | DCS (MHz) | | PCS (MHz) | | WCDMA (MHz) | |
| | 824 | 890 | 880 | 960 | 1710 | 1880 | 1850 | 1990 | 2110 | 2170 |
| Peak Gain(dBi) | 1.49 | 0.92 | 1.76 | 1.35 | 2.53 | 2.38 | 2.30 | 2.46 | 2.69 | 4.62 |
| Efficiency(%) | 60.6 | 65.4 | 69.3 | 64.6 | 54.7 | 63.1 | 61.6 | 51.5 | 56.2 | 65.8 |

6.3 EUT test modes/configuration Description

| Mode | Note |
|-------------------|-------------------------------------|
| RF test | EUT is set to continuously transmit |
| | |
| | |
| Note: None | |

| Test Item | Operating mode | Tested antenna port |
|-----------------------------|---------------------|---------------------|
| Antenna Requirement | N/A | - |
| Conducted Emissions Voltage | N/A | - |
| Radiated Spurious Emission | Continuous Transmit | - |
| Frequency Stability | N/A | - |
| Occupied Bandwidth | N/A | - |
| Note: - | | |

7 Supporting Equipment/Software and cabling Description

7.1 Supporting Equipment

| Index | Supporting Equipment Description | Model | Serial No | Manu | Note |
|-------|----------------------------------|-------|-----------|------|------|
| - | - | - | - | - | - |

7.2 Cabling Description

| Name | Connection Start | | Connection Stop | | Length / shielding Info | | Note |
|------|------------------|-----------|-----------------|----------|-------------------------|-----------|------|
| | From | I/O Port | To | I/O Port | Length (m) | Shielding | |
| 1 | EUT | Connector | Computer | USB | 5 | - | - |

7.3 Test Software Description

| Test Item | Software | Description |
|------------|-----------|--------------------------------------|
| RF Testing | Tera Term | Set the EUT to transmit continuously |
| - | - | - |

8 Test Summary

| Test Item | Test standard | | Test Method/Procedure | Pass / Fail |
|--------------------------------|--|-----------------|--|---|
| Antenna Requirement | FCC | 15.203 | ANSI C63.10 – 2013 558074 D01 DTS Meas. Guidance v03r02 | <input type="checkbox"/> Pass |
| | IC | - | | <input checked="" type="checkbox"/> N/A |
| AC Conducted Emissions Voltage | FCC | 15.225(a) | ANSI C63.10 2013 RSS Gen. 8.8 | <input type="checkbox"/> Pass |
| | IC | RSS Gen (7.2.2) | | <input checked="" type="checkbox"/> N/A |
| Remark | 1. Device is battery operated. Conducted Emission test is not required | | | |

| Test Item | Test standard | | Test Method/Procedure | | Pass / Fail |
|----------------------------|--|---|-----------------------|-------------|--|
| Radiated Spurious Emission | FCC | - | FCC | RSS Gen 7.1 | <input checked="" type="checkbox"/> Pass |
| | IC | | IC | | <input type="checkbox"/> N/A |
| Frequency Stability | FCC | - | FCC | - | <input type="checkbox"/> Pass |
| | IC | - | IC | - | <input checked="" type="checkbox"/> N/A |
| Occupied Bandwidth | FCC | - | FCC | - | <input type="checkbox"/> Pass |
| | IC | - | IC | - | <input checked="" type="checkbox"/> N/A |
| Remark | 2. All measurement uncertainties are not taken into consideration for all presented test result. 3. The applicant shall ensure frequency stability by showing that an emission is maintained within the band of operation under all normal operating conditions as specified in the user's manual. 4. Only Radiated Spurious Emission for colocation has been tested for this report | | | | |

9 Measurement Uncertainty

9.1 Radiated Emissions (30MHz to 1GHz)

The test is to measure the radiated emissions of the EUT.

Some error sources that can contribute to the total uncertainty:

- Uncertainty of the receiver
- Uncertainty of the antenna
- Uncertainty of cables
- Uncertainty due to the mismatches
- NSA Calibration
- Etc., details see the below table

| Source of Uncertainty | Value (dB) | Probability Distribution | Division | Sensitivity Coefficient | Expanded Uncertainty |
|-----------------------------------|------------|--------------------------|----------|-------------------------|----------------------|
| Receiver Reading | 0.12 | Rectangular | 1.732 | 1 | 0.069284 |
| Cable Insertion Loss | 0.21 | Normal | 2 | 1 | 0.105 |
| Filter Insertion Loss | 0.25 | Normal | 2 | 1 | 0.125 |
| Antenna Factor | 0.65 | Normal | 2 | 1 | 0.325 |
| Receiver CW accuracy | 0.5 | Rectangular | 1.732 | 1 | 0.2886836 |
| Pulse Amplitude Response | 1.5 | Rectangular | 1.732 | 1 | 0.86605081 |
| PRF Response | 1.5 | Rectangular | 1.732 | 1 | 0.86605081 |
| Mismatch Filter - Receiver | 0.25 | U-Shape | 1.414 | 1 | 0.1768033 |
| NSA Calibration | 4.0 | U-Shape | 1.414 | 1 | 2.8288543 |
| Combined Standard Uncertainty | | | | | 3.0059131 |
| Expanded Uncertainty (K=2) | | | | | 6.0118262 |

The total derived measurement uncertainty is +/- 6.00 dB.

9.2 Radiated Emissions (1GHz to 40GHz)

The test is to measure the radiated emissions of the EUT.

Some error sources that can contribute to the total uncertainty:

- Uncertainty of the receiver
- Uncertainty of the antenna
- Uncertainty of cables
- Uncertainty due to the mismatches
- VSWR Calibration
- Etc., details see the below table

| Source of Uncertainty | Value (dB) | Probability Distribution | Division | Sensitivity Coefficient | Expanded Uncertainty |
|-----------------------------------|------------|--------------------------|----------|-------------------------|----------------------|
| Receiver Reading | 0.12 | Rectangular | 1.732 | 1 | 0.0692840 |
| Cable Insertion Loss | 0.21 | Normal | 2 | 1 | 0.1050000 |
| Filter Insertion Loss | 0.25 | Normal | 2 | 1 | 0.1250000 |
| Antenna Factor | 0.65 | Normal | 2 | 1 | 0.3250000 |
| Receiver CW accuracy | 0.5 | Rectangular | 1.732 | 1 | 0.2886836 |
| Pulse Amplitude Response | 1.5 | Rectangular | 1.732 | 1 | 0.8660508 |
| PRF Response | 1.5 | Rectangular | 1.732 | 1 | 0.8660508 |
| Mismatch Filter - Receiver | 0.25 | U-Shape | 1.414 | 1 | 0.1768033 |
| VSWR Calibration | 2.0 | U-Shape | 1.414 | 1 | 1.4144272 |
| Combined Standard Uncertainty | | | | | 4.2363 |
| Expanded Uncertainty (K=2) | | | | | 8.4726 |

The total derived measurement uncertainty is +/- 8.47 dB.

9.3 RF conducted measurement

The test is to measure the RF output power from the EUT.

Some error sources that can contribute to the total uncertainty:

- Uncertainty of the Reference Level Uncertainty
- Uncertainty of variable attenuators
- Uncertainty of cables
- Uncertainty due to the mismatches

| Source of Uncertainty | Value (dB) | Probability Distribution | Division | Sensitivity Coefficient | Expanded Uncertainty |
|-----------------------------------|------------|--------------------------|----------|-------------------------|----------------------|
| Reference Level | 0.12 | Rectangular | 1.732 | 1 | 0.069284 |
| Cable Insertion Loss | 0.21 | Normal | 2 | 1 | 0.105 |
| Attenuator | 0.25 | Normal | 2 | 1 | 0.125 |
| Mismatch | 0.25 | U-Shape | 1.414 | 1 | 0.1768033 |
| Combined Standard Uncertainty | | | | | 0.476087 |
| Expanded Uncertainty (K=2) | | | | | 0.952174 |

The total derived measurement uncertainty is +/- 0.95 dB.

10 Measurements, examination and derived results

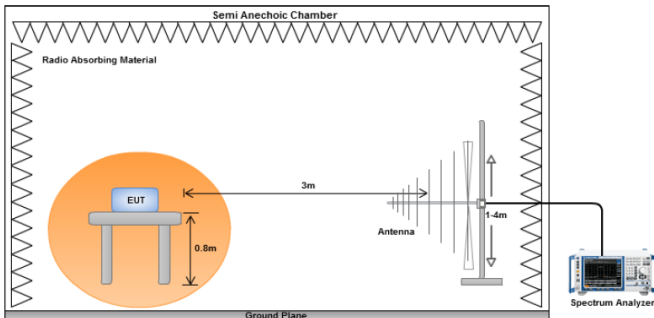
10.1 Antenna Requirement

| Spec | Requirement | Applicable |
|---------|--|-------------------------------------|
| §15.203 | <p>An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.</p> <p>Antenna requirement must meet at least one of the following:</p> <p>a) Antenna must be permanently attached to the device. b) The antenna must use a unique type of connector to attach to the device. c) Device must be professionally installed. The installer shall be responsible for ensuring that the correct antenna is employed by the device.</p> | <input checked="" type="checkbox"/> |
| Remark | All Radio use special SMC connector for antenna connection. | |
| Result | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL | |

10.2 Radiated Measurements

10.2.1 Radiated Measurements 30MHz to 1GHz

Requirement(s):

| Spec | Requirement | Applicable | | | | | | | | | | |
|---------------------------------|---|--|-----------------------|---------|-----|----------|-----|---------|-----|-----------|-----|--|
| 47 CFR §15.225 RSS-210 (B.6) | <div>Operation within the band 13.110–14.010 MHz: (a) The field strength of any emissions within the band 13.553–13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters. (b) Within the bands 13.410–13.553 MHz and 13.567–13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters. (c) Within the bands 13.110–13.410 MHz and 13.710–14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters. (d) The field strength of any emissions appearing outside of the 13.110–14.010 MHz band shall not exceed the general radiated emission limits in §15.209.</div> <table><tr><th>Frequency range (MHz)</th><th>Field Strength (uV/m)</th></tr><tr><td>30 – 88</td><td>100</td></tr><tr><td>88 – 216</td><td>150</td></tr><tr><td>216 960</td><td>200</td></tr><tr><td>Above 960</td><td>500</td></tr></table> | Frequency range (MHz) | Field Strength (uV/m) | 30 – 88 | 100 | 88 – 216 | 150 | 216 960 | 200 | Above 960 | 500 | <div><input checked="" type="checkbox"/></div> |
| Frequency range (MHz) | Field Strength (uV/m) | | | | | | | | | | | |
| 30 – 88 | 100 | | | | | | | | | | | |
| 88 – 216 | 150 | | | | | | | | | | | |
| 216 960 | 200 | | | | | | | | | | | |
| Above 960 | 500 | | | | | | | | | | | |
| Test Setup |  | | | | | | | | | | | |
| Procedure | <div>1. The EUT was switched on and allowed to warm up to its normal operating condition. 2. The test was carried out at the selected frequency points obtained from the EUT characterisation. Maximization of the emissions, was carried out by rotating the EUT, changing the antenna polarization, and adjusting the antenna height in the following manner: a. Vertical or horizontal polarisation (whichever gave the higher emission level over a full rotation of the EUT) was chosen. b. The EUT was then rotated to the direction that gave the maximum emission. c. Finally, the antenna height was adjusted to the height that gave the maximum emission. 3. A Quasi-peak measurement was then made for that frequency point. 4. Steps 2 and 3 were repeated for the next frequency point, until all selected frequency points were measured.</div> | | | | | | | | | | | |
| Test Date | 12/20/2017 | <div>Environmental conditions</div> <div>Temperature20.1°C Relative Humidity36% Atmospheric Pressure1026mbar</div> | | | | | | | | | | |
| Remark | - | | | | | | | | | | | |
| Result | <div><input checked="" type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div> | | | | | | | | | | | |

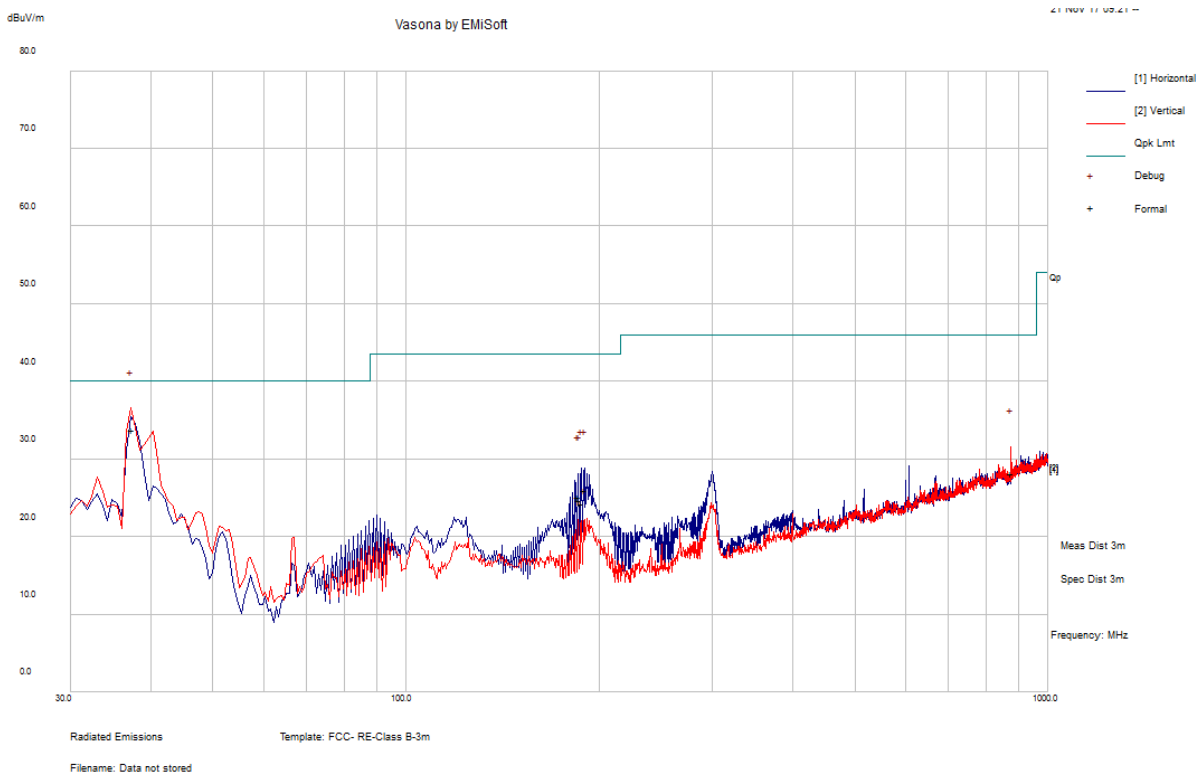
Test Data ☒ Yes (See below) ☐ N/A

Test Plot ☒ Yes (See below) ☐ N/A

Test was done by Shuo Zhang at 10-meter chamber.

| | | | | |
|---------------------|---------------------|--|---------|---|
| Test specification: | Radiated Emissions | | | |
| Mains Power: | 120VAC, 60Hz | | Result: | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| Tested by: | Shuo Zhang | | | |
| Test Date: | 12/20/2017 | | | |
| Remarks: | Co-Location Testing | | | |

f=30MHz – 1000MHz plot and 3-meter distance

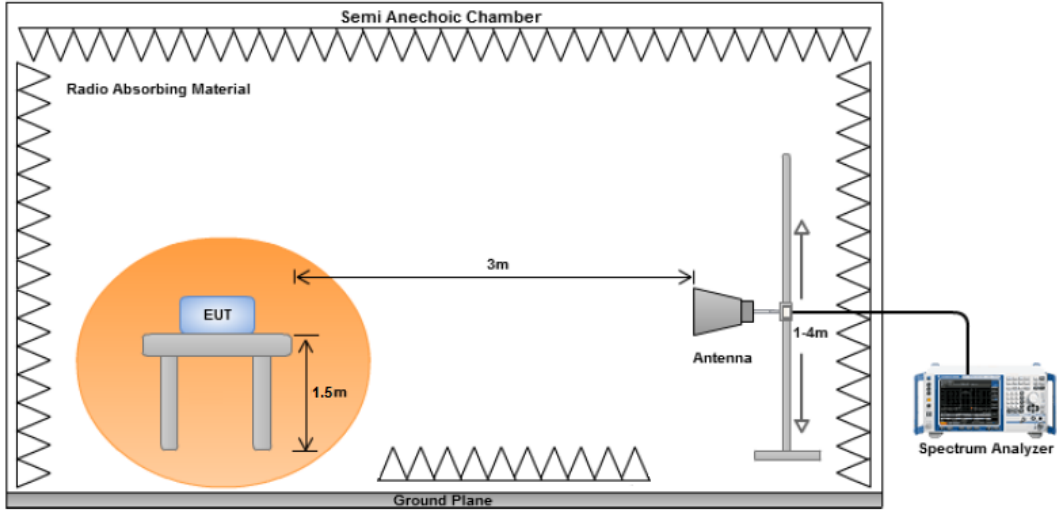


f=30MHz – 1000MHz Measurements

| Frequency MHz | Raw dBuV/m | Cable Loss | AF dB | Level dBuV/m | Measurement Type | Pol | Hgt cm | Azt Deg | Limit dBuV/m | Margin dB | Pass /Fail |
|---------------|------------|------------|--------|--------------|------------------|-----|--------|---------|--------------|-----------|------------|
| 35.99 | 34.8 | 11.39 | -18.88 | 27.3 | Quasi Max | V | 105 | 147 | 40 | -12.7 | Pass |
| 180.00 | 36.71 | 12.68 | -25.64 | 23.76 | Quasi Max | H | 120 | 53 | 43.5 | -19.74 | Pass |
| 185.08 | 37.88 | 12.25 | -22.85 | 27.28 | Quasi Max | H | 298 | 57 | 43.5 | -16.22 | Pass |
| 184.08 | 36.39 | 12.25 | -22.85 | 25.79 | Quasi Max | H | 226 | 237 | 43.5 | -17.72 | Pass |
| 120.08 | 36.39 | 12.25 | -22.85 | 25.79 | Quasi Max | H | 226 | 237 | 43.5 | -17.72 | Pass |
| 35.99 | 34.8 | 11.39 | -18.88 | 27.3 | Quasi Max | V | 105 | 147 | 40 | -12.7 | Pass |

10.2.2 Radiated Spurious Emissions between 1GHz-25GHz

Requirement(s):

| Spec | Item | Requirement | Applicable |
|----------------------------------|--|---|-------------------------------------|
| 47CFR§15.247(d), RSS210(A8.5) | a) | For non-restricted band, In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB or 30dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, determined by the measurement method on output power to be used. Attenuation below the general limits specified in § 15.209(a) is not required <input type="checkbox"/> 20 dB down <input checked="" type="checkbox"/> 30 dB down | <input checked="" type="checkbox"/> |
| | b) | or restricted band, emission must also comply with the radiated emission limits specified in 15.209 | <input type="checkbox"/> |
| Test Setup |  | | |
| Procedure | <ol style="list-style-type: none"> The EUT was switched on and allowed to warm up to its normal operating condition. The test was carried out at the selected frequency points obtained from the EUT characterisation. Maximization of the emissions, was carried out by rotating the EUT, changing the antenna polarization, and adjusting the antenna height in the following manner: <ol style="list-style-type: none"> Vertical or horizontal polarisation (whichever gave the higher emission level over a full rotation of the EUT) was chosen. The EUT was then rotated to the direction that gave the maximum emission. Finally, the antenna height was adjusted to the height that gave the maximum emission. An average measurement was then made for that frequency point. Steps 2 and 3 were repeated for the next frequency point, until all selected frequency points were measured. | | |
| Remark | The EUT was scanned up to 40GHz. Both horizontal and vertical polarities were investigated. The results show only the worst case. | | |
| Result | <input checked="" type="checkbox"/> Pass | | |

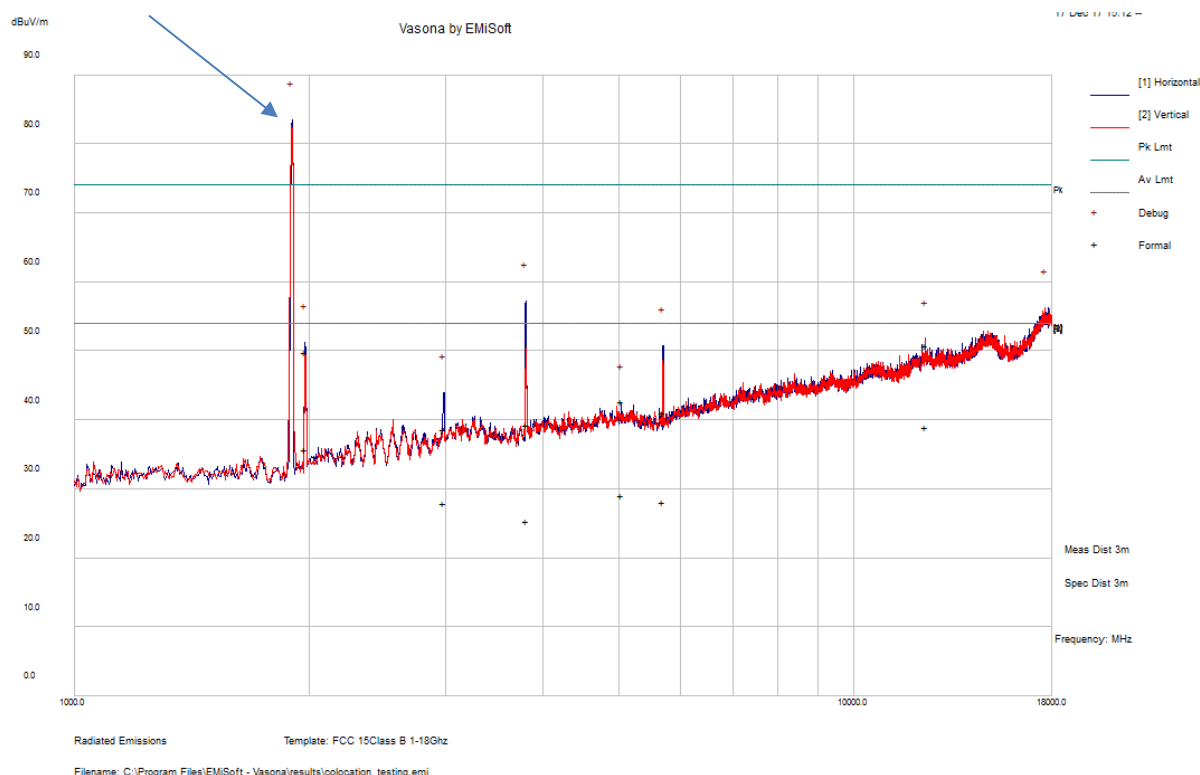
Test Data ☒ Yes (See below) ☐ N/A

Test Plot ☐ Yes (See below) ☒ N/A

Test was done by Shuo Zhang at 10-meter chamber.

| | | | | |
|---------------------|---------------------|--|---------|--|
| Test specification: | Radiated Emissions | | | |
| Mains Power: | 120VAC, 60Hz | | Result: | <div><input checked="" type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div> |
| Tested by: | Shuo Zhang | | | |
| Test Date: | 12/07/2017 | | | |
| Remarks: | Co-Location Testing | | | |

Fundamental Frequency of WCDMA

























| Frequency MHz | Raw dBμV/m | Cable Loss | AF dB | Level dBμV/m | Measurement Type | Pol | Hgt cm | Azt Deg | Limit dBμV/m | Margin dB | Pass /Fail |
|---------------|------------|------------|-------|--------------|------------------|-----|--------|---------|--------------|-----------|------------|
| 3800.388 | 39.77 | 3.63 | -4.15 | 39.25 | Peak Max | H | 231 | 73 | 74 | -34.75 | Pass |
| 12379.39 | 38.55 | 6.53 | 5.7 | 50.78 | Peak Max | V | 243 | 168 | 74 | -23.22 | Pass |
| 1978.44 | 55.78 | 2.73 | -8.71 | 49.79 | Peak Max | H | 216 | 6 | 74 | -24.21 | Pass |
| 5702.28 | 39.02 | 4.57 | -2.53 | 41.06 | Peak Max | H | 293 | 60 | 74 | -32.94 | Pass |
| 2979.631 | 40.2 | 3.26 | -4.75 | 38.71 | Peak Max | V | 280 | 227 | 74 | -35.29 | Pass |
| 5038.695 | 40.25 | 4.3 | -1.85 | 42.7 | Peak Max | V | 219 | 306 | 74 | -31.3 | Pass |
| 3800.388 | 25.88 | 3.63 | -4.15 | 25.36 | Average Max | H | 231 | 73 | 54 | -28.64 | Pass |
| 12379.39 | 26.67 | 6.53 | 5.7 | 38.9 | Average Max | V | 243 | 168 | 54 | -15.1 | Pass |
| 1978.44 | 41.69 | 2.73 | -8.71 | 35.7 | Average Max | H | 216 | 6 | 54 | -18.3 | Pass |
| 5702.28 | 26.03 | 4.57 | -2.53 | 28.08 | Average Max | H | 293 | 60 | 54 | -25.93 | Pass |
| 2979.631 | 29.39 | 3.26 | -4.75 | 27.89 | Average Max | V | 280 | 227 | 54 | -26.11 | Pass |
| 5038.695 | 26.63 | 4.3 | -1.85 | 29.09 | Average Max | V | 219 | 306 | 54 | -24.91 | Pass |

Annex A. TEST INSTRUMENT

| Instrument | Model | Serial # | Cal Date | Cal Cycle | Cal Due | In use |
|---------------------------------|--------|----------|------------|-----------|------------|-------------------------------------|
| Radiated Emissions | | | | | | |
| Spectrum Analyzer | N9030B | 10SL0289 | 09/06/2017 | 1 Year | 09/06/2018 | <input checked="" type="checkbox"/> |
| ETS-Lingren Loop Antenna | 6512 | 00049120 | 07/14/2017 | 1 Year | 07/14/2018 | <input checked="" type="checkbox"/> |
| Bi-Log antenna (30MHz~2GHz) | JB1 | A030702 | 01/13/2017 | 1 Year | 01/13/2018 | <input checked="" type="checkbox"/> |
| Horn Antenna (1-26.5GHz) | 3115 | 10SL0059 | 11/09/017 | 1 Year | 11/09/2018 | <input checked="" type="checkbox"/> |
| RF Conducted Measurement | | | | | | |
| Spectrum Analyzer | N9030B | 10SL0289 | 09/06/2017 | 1 Year | 09/06/2018 | <input checked="" type="checkbox"/> |

Annex A. SIEMIC Accreditation

| Accreditations | Document | Scope / Remark |
|---|---|---|
| ISO 17025 (A2LA) |  | Please see the documents for the detailed scope |
| ISO Guide 65 (A2LA) |  | Please see the documents for the detailed scope |
| TCB Designation | | A1 , A2 , A3 , A4 , B1 , B2 , B3 , B4 , C |
| FCC DoC Accreditation |  | FCC Declaration of Conformity Accreditation |
| FCC Site Registration |  | 3 meter site |
| FCC Site Registration |  | 10 meter site |
| IC Site Registration |  | 3 meter site |
| IC Site Registration |  | 10 meter site |
| EU NB |  | Radio Equipment: EN45011: EN ISO/IEC 17065 |
| |  | Electromagnetic Compatibility: EN45011 – EN ISO/IEC 17065 |
| Singapore iDA CB(Certification Body) |   | Phase I , Phase II |
| Vietnam MIC CAB Accreditation |  | Please see the document for the detailed scope |
| Hong Kong OFCA |  | (Phase II) OFCA Foreign Certification Body for Radio and Telecom |
| |  | (Phase I) Conformity Assessment Body for Radio and Telecom |
| Industry Canada CAB |  | Radio: Scope A – All Radio Standard Specification in Category I |
| |  | Telecom: CS-03 Part I, II, V, VI, VII, VIII |

| | | |
|--|---|--|
| Japan Recognized Certification Body Designation |  | <p>Radio: A1. Terminal equipment for purpose of calling</p> <p>Telecom: B1. Specified radio equipment specified in Article 38-2, Paragraph 1, Item 1 of the Radio Law</p> |
| Korea CAB Accreditation |  | <p>EMI: KCC Notice 2008-39, RRL Notice 2008-3: CA Procedures for EMI KN22: Test Method for EMI</p> <p>EMS: KCC Notice 2008-38, RRL Notice 2008-4: CA Procedures for EMS KN24, KN61000-4-2, -4-3, -4-4, -4-5, -4-6, -4-8, -4-11: Test Method for EMS</p> <p>Radio: RRL Notice 2008-26, RRL Notice 2008-2, RRL Notice 2008-10, RRL Notice 2007-49, RRL Notice 2007-20, RRL Notice 2007-21, RRL Notice 2007-80, RRL Notice 2004-68</p> <p>Telecom: President Notice 20664, RRL Notice 2007-30, RRL Notice 2008-7 with attachments 1, 3, 5, 6; President Notice 20664, RRL Notice 2008-7 with attachment 4</p> |
| Taiwan NCC CAB Recognition |  | LP0002, PSTN01, ADSL01, ID0002, IS6100, CNS14336, PLMN07, PLMN01, PLMN08 |
| Taiwan BSMI CAB Recognition |  | CNS 13438 |
| Japan VCCI |  | <p>R-3083: Radiation 3 meter site</p> <p>C-3421: Main Ports Conducted Interference Measurement</p> <p>T-1597: Telecommunication Ports Conducted Interference Measurement</p> |
| Australia CAB Recognition |  | <p>EMC: AS/NZS CISPR 11, AS/NZS CISPR 14.1, AS/NZS CISPR22, AS/NZS 61000.6.3, AS/NZS 61000.6.4</p> <p>Radiocommunications: AS/NZS 4281, AS/NZS 4268, AS/NZS 4280.1, AS/NZS 4280.2, AS/NZS 4295, AS/NZS 4582, AS/NZS 4583, AS/NZS 4769.1, AS/NZS 4769.2, AS/NZS 4770, AS/NZS 4771</p> <p>Telecommunications: AS/ACIF S002:05, AS/ACIF S003:06, AS/ACIF S004:06, AS/ACIF S006:01, AS/ACIF S016:01, AS/ACIF S031:01, AS/ACIF S038:01, AS/ACIF S040:01, AS/ACIF S041:05, AS/ACIF S043.2:06, AS/ACIF S60950.1</p> |
| Australia NATA Recognition |  | AS/ACIF S002, AS/ACIF S003, AS/ACIF S004, AS/ACIF S006, AS/ACIF S016, AS/ACIF S031, AS/ACIF S038, AS/ACIF S040, AS/ACIF S041, AS/ACIF S043.2 |