

# EMC Test Report

**Project Number:** 4038087

**Report Number:** 4038087EMC02      **Revision Level:** 0

**Client:** Arrayent Health LLC, DBA Ambio Health

**Equipment Under Test:** Cellular Gateway

**Models:** 1-020-02

**FCC ID:** Q4O-1-21

**Applicable Standards:** FCC Part 15 Subpart C, § 15.247

**ANSI C63.10: 2013**

**Report issued on:** 31 October 2016

**Test Result:** Compliant

Tested by:

  
\_\_\_\_\_  
Jeremy O. Pickens, Senior EMC Engineer

Reviewed by:

  
\_\_\_\_\_  
David Schramm, EMC/RF/SAR/HAC Manager

**Remarks:**

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or Testing done by SGS International Electrical Approvals in connection with distribution or use of the product described in this report must be approved by SGS international Electrical Approvals in writing.

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## 1 Summary of Test Results

| Test Description                   | Test Specification                  | Test Result |
|------------------------------------|-------------------------------------|-------------|
| Occupied Bandwidth                 | 15.247(a)(2)                        | Compliant   |
| Peak Power Output                  | 15.247(b)(3)                        | Compliant   |
| Power Spectral Density             | 15.247(e)                           | Compliant   |
| Bande Edge / Out of Band Emissions | 15.247(d)                           | Compliant   |
| Radiated Spurious Emissions        | 15.247(c), 15.35(b), 15.205, 15.209 | Compliant   |
| AC Power Line Conducted Emission   | 15.107, 15.207                      | Compliant   |

### 1.1 Modifications Required for Compliance

None

## 2 General Information

### 2.1 Client Information

Name: Arrayent Health LLC, DBA Ambio Health  
Address: Soundview Plaza, Suite 700R  
1266 E Main Street  
City, State, Zip, Country: Stamford, CT 06902

### 2.2 Test Laboratory

Name: SGS North America, Inc.  
Address: 620 Old Peachtree Road NW, Suite 100  
City, State, Zip, Country: Suwanee, GA 30024, USA

### 2.3 General Information of EUT

EUT: Cellular Gateway  
Model Number: 1-020-02  
Serial Number: GW00010959-BH

Frequency Range: 908.4 to 919.65 MHz  
Channels: 11  
Modulation type: GFSK (100k BAUD)

Antenna: 7cm Wire (Not detachable or replaceable by end user)

Rated Voltage: 5 Vdc Supplied by AC/DC adapter

Sample Received Date: 26 September 2016  
Dates of testing: 03 – 21 October 2016

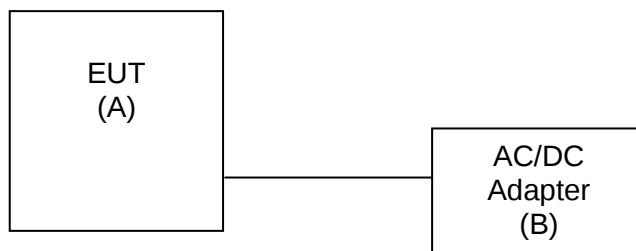
### Operating Modes and Conditions

During testing, the device was placed into continuous transmit mode using firmware configurations in the radio. Low, middle, and high channels were evaluated.

As specified in Section 5.10.5 of ANSI C63.10:2013:

- Software was designed to allow the EUT to operate
  - at 98 % duty cycle
  - at the worst-case duty cycle to allow measurements in instances where an average correction factor needs to be determined to calculate the average field strength from the measured peak field strength
- The software allowed configuration and operation on all available unlicensed wireless device channels.
- The software allowed configuration and operation using all available modulations and data rates
- The software allowed configuration and operation on all available power out levels
- Since this is a hybrid frequency hopping system, the software allowed the hopping sequence to be turned off

## 2.4 EUT Connection Block Diagram



## 2.5 System Configurations

| Device reference | Manufacturer | Description      | Model Number      | Serial Number |
|------------------|--------------|------------------|-------------------|---------------|
| A                | Ambio Health | Wireless Gateway | 1-020-02          | GW00010959-BH |
| B                | GlobTek Inc. | Power Supply     | GTM96060-0606-1.0 | Not Labeled   |

## 2.6 Cable List

| Cable reference | Port Name | Start | End           | Cable Length (m) | Ferrite installed? | Shielded? |
|-----------------|-----------|-------|---------------|------------------|--------------------|-----------|
| 1               | DC Power  | EUT   | AC/DC Adapter | 1.5              | No                 | No        |

### 3 Occupied Bandwidth

#### 3.1 Test Result

| Test Description | Basic Standards | Test Result |
|------------------|-----------------|-------------|
| Bandwidth        | 15.247(a)(2)    | Pass        |

#### 3.2 Test Method

Using radiated methods due to a non-detachable antenna, the procedures from KDB 558074 D01 DTS Meas Guidance v03r05 Clause 8 were applied.

#### 3.3 Test Site

SGS EMC Laboratory, Suwanee, GA

Environmental Conditions

Temperature: 22.9 °C  
 Relative Humidity: 46.3 %

#### 3.4 Test Equipment

Test Date: 21-Oct-2016

Tester: JOP

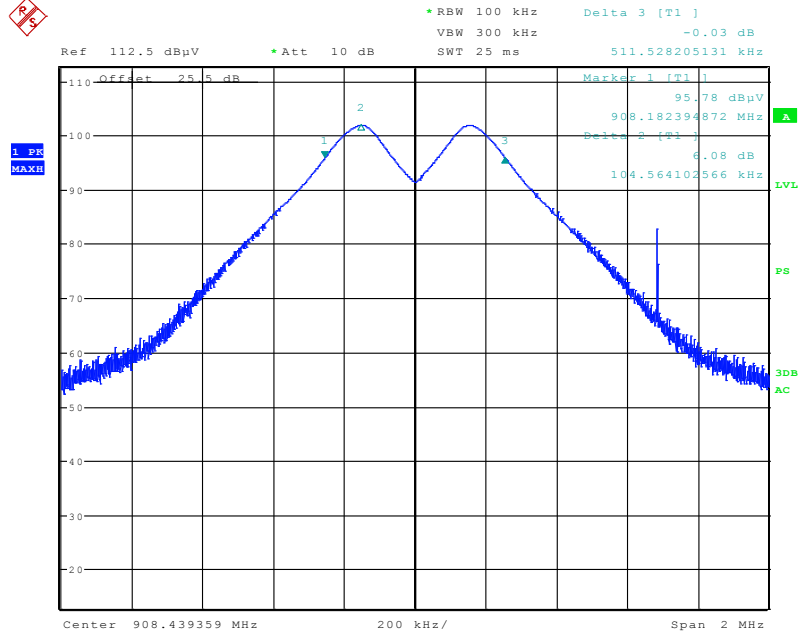
| Equipment         | Model | Manufacturer    | Asset Number | Cal Due Date |
|-------------------|-------|-----------------|--------------|--------------|
| EMI TEST RECEIVER | ESU40 | ROHDE & SCHWARZ | B079629      | 20-Jun-2017  |
| ANTENNA, BILOG    | JB6   | SUNOL           | B079690      | 21-Oct-2016  |
| RF CABLE          | SF106 | HUBER & SUHNER  | B079716      | 27-Jul-2017  |
| RF CABLE          | SF106 | HUBER & SUHNER  | B079713      | 27-Jul-2017  |
| RF CABLE          | SF106 | HUBER & SUHNER  | B085892      | 27-Jul-2017  |

Note: The equipment calibration period is 1 year.

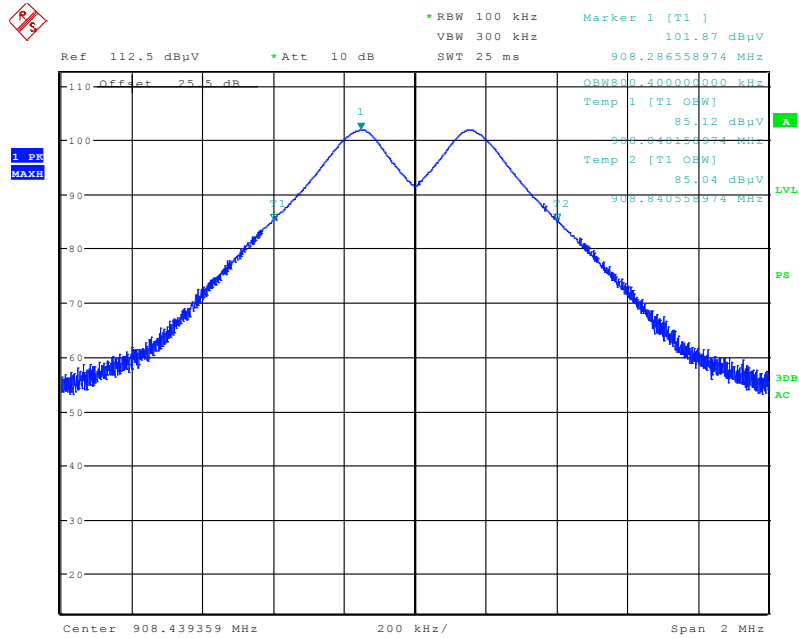
#### 3.5 Test Data

| Frequency (MHz) | 6 dB bandwidth (MHz) | 99% bandwidth (MHz) |
|-----------------|----------------------|---------------------|
| 908.4           | 0.512                | 0.800               |
| 914.02          | 0.521                | 0.787               |
| 919.65          | 0.505                | 0.841               |

## Sample Plot



Date: 21.OCT.2016 09:56:55



Date: 21.OCT.2016 09:57:30

## 4 Peak Output Power

### 4.1 Test Result

| Test Description  | Test Specification | Test Result |
|-------------------|--------------------|-------------|
| Peak Output Power | 15.247(b)(3)       | Compliant   |

### 4.2 Test Method

Using radiated methods due to a non-detachable antenna, the peak power procedures from KDB 558074 D01 DTS Meas Guidance v03r05 Clause 9.1.1 were applied. The fundamental emission was maximized using the procedures in ANSI C63.10: 2013 and using a correction of 95.2dB, the field strength measurement was converted from a 3m field strength measurement in dBμV/m to an ERP value in dBm.

#### Limit

For DTS systems operating in the 902-928 MHz band: 1 watt (30dBm ERP).

### 4.3 Test Site

SGS EMC Laboratory, Suwanee, GA

#### Environmental Conditions

Temperature: 22.9 °C  
Relative Humidity: 46.3 %

### 4.4 Test Equipment

Test Date: 21-Oct-2016

Tester: JOP

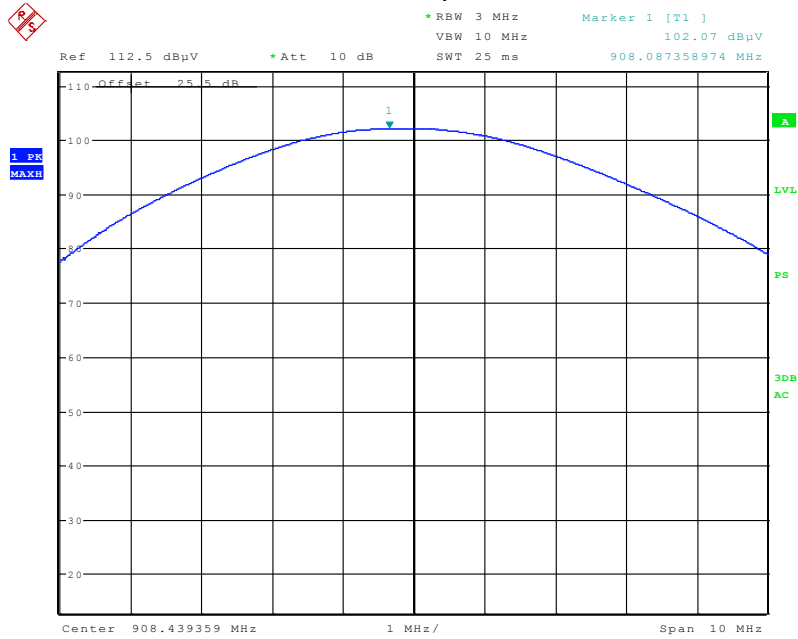
| Equipment         | Model | Manufacturer    | Asset Number | Cal Due Date |
|-------------------|-------|-----------------|--------------|--------------|
| EMI TEST RECEIVER | ESU40 | ROHDE & SCHWARZ | B079629      | 20-Jun-2017  |
| ANTENNA, BILOG    | JB6   | SUNOL           | B079690      | 21-Oct-2016  |
| RF CABLE          | SF106 | HUBER & SUHNER  | B079716      | 27-Jul-2017  |
| RF CABLE          | SF106 | HUBER & SUHNER  | B079713      | 27-Jul-2017  |
| RF CABLE          | SF106 | HUBER & SUHNER  | B085892      | 27-Jul-2017  |

Note: The equipment calibration period is 1 year.

#### 4.5 Test Data

| Frequency | Measured Field Strength (dB $\mu$ V/m@3m) | Free Space Correction Factor | Peak Output Power (dBm) | Peak Output Power (W) |
|-----------|-------------------------------------------|------------------------------|-------------------------|-----------------------|
| 908.4     | 102.1                                     | 95.2                         | 6.9                     | 0.0049                |
| 914.02    | 102.3                                     | 95.2                         | 7.1                     | 0.0051                |
| 919.65    | 101.9                                     | 95.2                         | 6.7                     | 0.0047                |

Sample Plot



Date: 21.OCT.2016 09:58:59

## 5 Power Spectral Density

### 5.1 Test Result

| Test Description       | Test Specification | Test Result |
|------------------------|--------------------|-------------|
| Power Spectral Density | 15.247(e)          | Compliant   |

### 5.2 Test Method

Using radiated methods due to a non-detachable antenna, the peak PSD procedures from KDB 558074 D01 DTS Meas Guidance v03r05 Clause 10.2 were applied. The fundamental emission was maximized using the procedures in ANSI C63.10: 2013 and using a correction of 95.2dB, the field strength measurement was converted from a 3m field strength measurement in dBμV/m to an ERP PSD value in dBm.

#### Limit

The limit is 8 dBm.

### 5.3 Test Site

SGS EMC Laboratory, Suwanee, GA

#### Environmental Conditions

Temperature: 22.9 °C  
Relative Humidity: 46.3 %

### 5.4 Test Equipment

Test Date: 21-Oct-2016

Tester: JOP

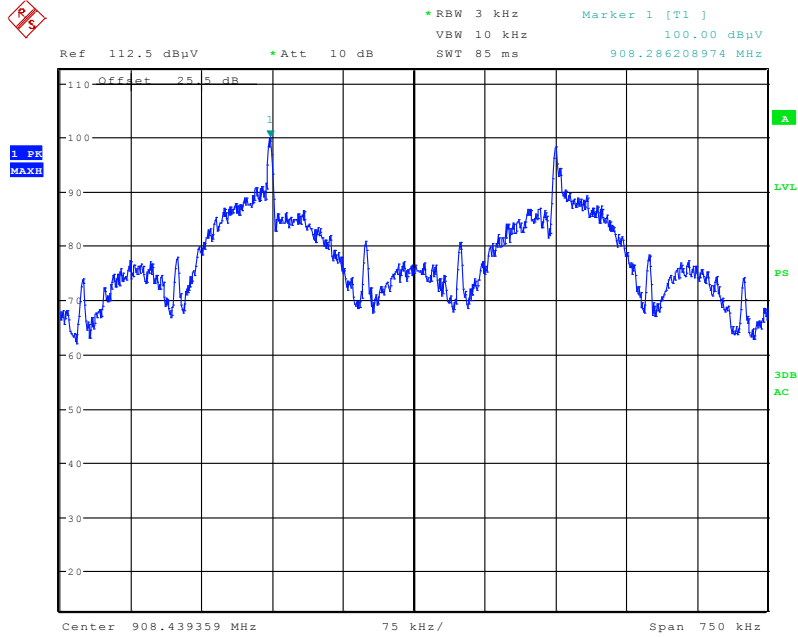
| Equipment         | Model | Manufacturer    | Asset Number | Cal Due Date |
|-------------------|-------|-----------------|--------------|--------------|
| EMI TEST RECEIVER | ESU40 | ROHDE & SCHWARZ | B079629      | 20-Jun-2017  |
| ANTENNA, BILOG    | JB6   | SUNOL           | B079690      | 21-Oct-2016  |
| RF CABLE          | SF106 | HUBER & SUHNER  | B079716      | 27-Jul-2017  |
| RF CABLE          | SF106 | HUBER & SUHNER  | B079713      | 27-Jul-2017  |
| RF CABLE          | SF106 | HUBER & SUHNER  | B085892      | 27-Jul-2017  |

Note: The equipment calibration period is 1 year.

### 5.5 Test Data

| Channel | Peak PSD (dBm) | Limit (dBm) | Margin (dB) |
|---------|----------------|-------------|-------------|
| 908.439 | 4.8            | 8           | -3.2        |
| 914.02  | 4.8            | 8           | -3.2        |
| 919.669 | 5.1            | 8           | -2.9        |

### Sample Plot



Date: 21.OCT.2016 10:03:17

## 6 Band Edge / Out of Band Emissions

### 6.1 Test Result

| Test Description             | Test Specification | Test Result |
|------------------------------|--------------------|-------------|
| Conducted Spurious Emissions | 15.247(d)          | Compliant   |

### 6.2 Test Method

Using radiated methods due to a non-detachable antenna, the procedures from KDB 558074 D01 DTS Meas Guidance v03r05 Clause 11 were applied.

The limit is 20 dB below the measured peak power in an 100kHz band.

### 6.3 Test Site

SGS EMC Laboratory, Suwanee, GA

Environmental Conditions

Temperature: 22.9 °C

Relative Humidity: 46.3 %

### 6.4 Test Equipment

Test Date: 21-Oct-2016

Tester: JOP

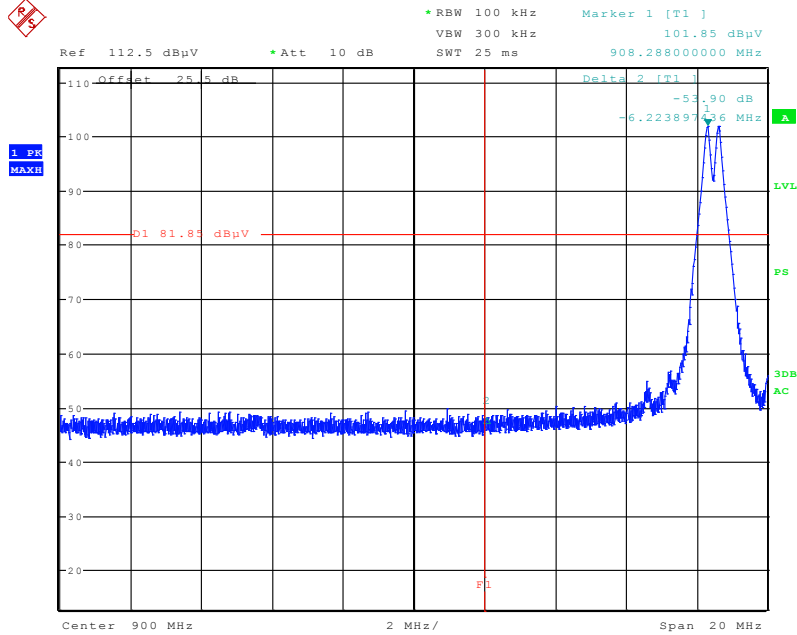
| Equipment         | Model | Manufacturer    | Asset Number | Cal Due Date |
|-------------------|-------|-----------------|--------------|--------------|
| EMI TEST RECEIVER | ESU40 | ROHDE & SCHWARZ | B079629      | 20-Jun-2017  |
| ANTENNA, BILOG    | JB6   | SUNOL           | B079690      | 21-Oct-2016  |
| RF CABLE          | SF106 | HUBER & SUHNER  | B079716      | 27-Jul-2017  |
| RF CABLE          | SF106 | HUBER & SUHNER  | B079713      | 27-Jul-2017  |
| RF CABLE          | SF106 | HUBER & SUHNER  | B085892      | 27-Jul-2017  |

Note:

The equipment calibration period is 1 year.

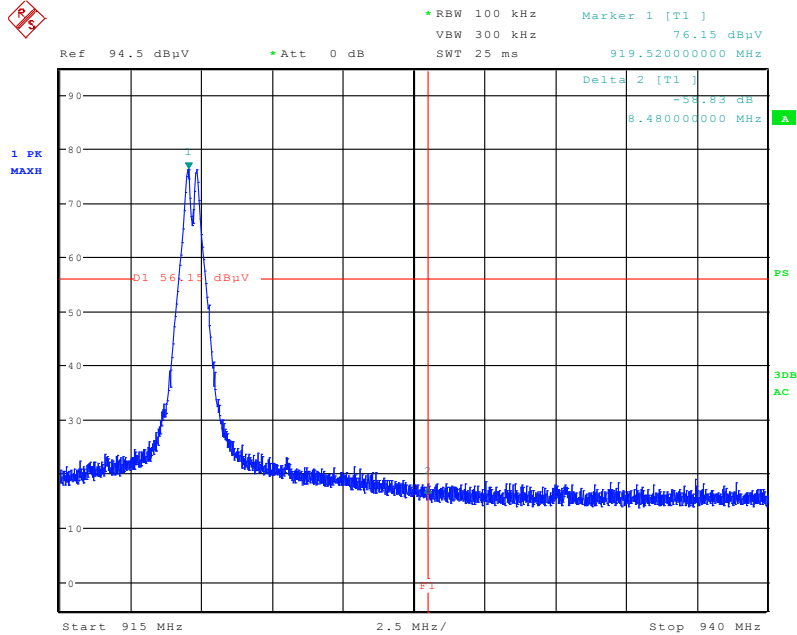
## 6.5 Test Data (Band-Edge)

### Low Channel – 908.4



Date: 21.OCT.2016 10:07:23

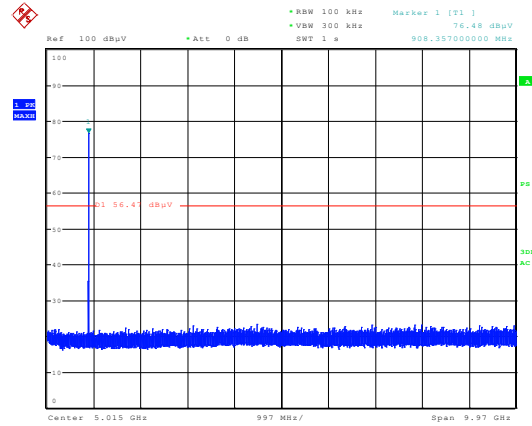
### High Channel – 919.65



Date: 21.OCT.2016 10:56:21

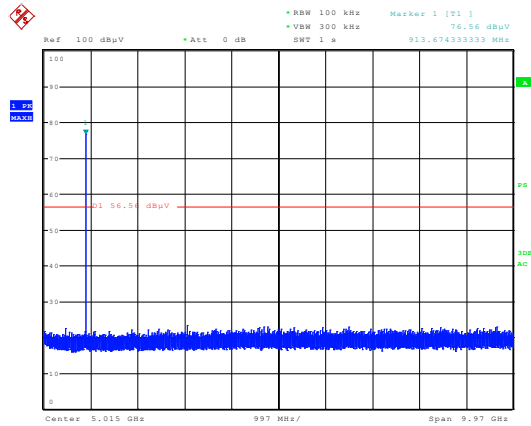
## 6.6 Test Data (Spurious Emissions)

### Low Channel - 908.4 MHz



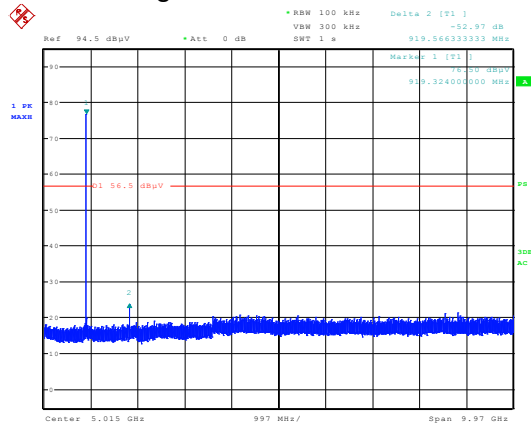
Date: 21.OCT.2016 10:29:48

### Mid Channel - 914 MHz



Date: 21.OCT.2016 10:35:26

### High Channel - 919.65 MHz



Date: 21.OCT.2016 10:59:29

## 7 Field Strength of Spurious Radiation

### 7.1 Test Result

| Test Description                     | Test Specification                  | Test Result |
|--------------------------------------|-------------------------------------|-------------|
| Field strength of spurious radiation | 15.247(d), 15.35(b), 15.205, 15.209 | Compliant   |

### 7.2 Test Method

Radiated spurious emissions measurements were recorded with the device configured to transmit at the lowest, middle, and highest channels. The frequency range investigated was up through the 10<sup>th</sup> harmonic of the fundamental transmit frequency. The methods defined in ANSI C63.10: 2013 were used.

For measurements below 1GHz, the device was manipulated through three orthogonal axes. Above 1GHz, the alternative method in Clause 6.6.5 was used.

Test distance:

9k to 30 MHz – Near field prescan to determine if there were any emissions.

30 MHz to 1 GHz - The EUT to measurement antenna distance is 3 meters

1 to 18 GHz - The EUT to measurement antenna distance is 3 meters

18 to 40 GHz - The EUT to measurement antenna distance is 1 meter

| Frequency      | Limits <sup>(1)</sup> |                     | Peak Limits<br>dBuV/m |
|----------------|-----------------------|---------------------|-----------------------|
|                | Microvolts/m          | dBuV/m              |                       |
| 30 - 88 MHz    | 100                   | 40 <sup>(2)</sup>   | --                    |
| 88 - 216 MHz   | 150                   | 43.5 <sup>(2)</sup> | --                    |
| 216 - 960 MHz  | 200                   | 46 <sup>(2)</sup>   | --                    |
| 960 - 1000 MHz | 500                   | 54 <sup>(2)</sup>   | --                    |
| 1 - 40 GHz     | 500                   | 54 <sup>(3)</sup>   | 74                    |

(1) These limits are applicable to emissions within the restricted bands of operation defined in FCC §15.205.

(2) Quasi-peak limit

(3) Average limit

### 7.3 Test Site

SGS EMC Laboratory, Suwanee, GA

#### Environmental Conditions

Temperature: 22.9 °C  
 Relative Humidity: 46.3 %

### 7.4 Test Equipment

Test End Date: 21-Oct-2016

Tester: JOP

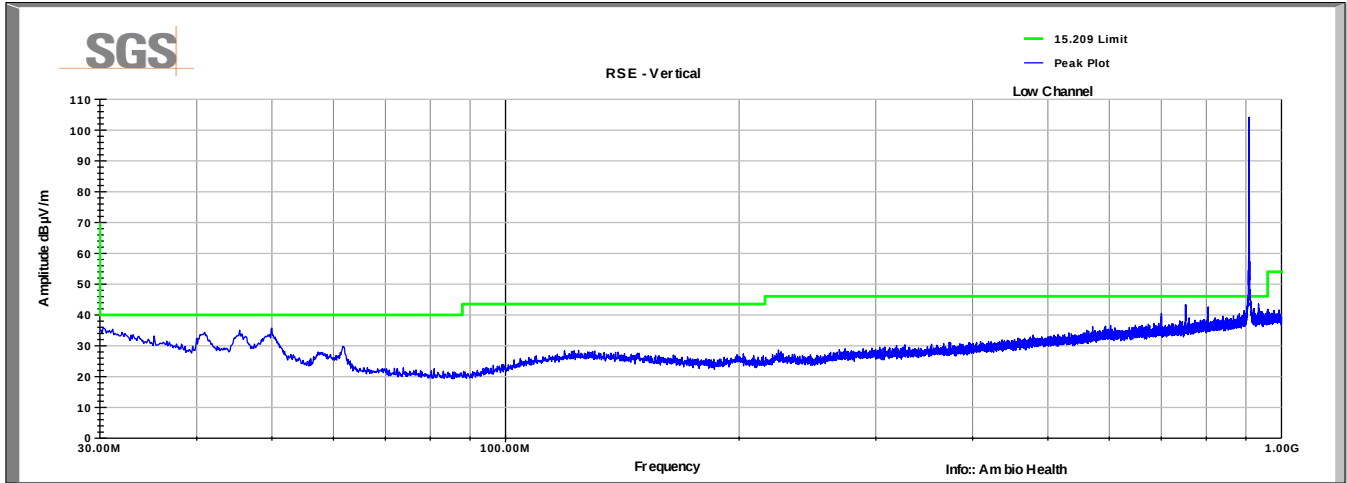
| Equipment           | Model        | Manufacturer    | Asset Number | Cal Due Date |
|---------------------|--------------|-----------------|--------------|--------------|
| EMI TEST RECEIVER   | ESU40        | ROHDE & SCHWARZ | B079629      | 20-Jun-2017  |
| ANTENNA, BILOG      | JB6          | SUNOL           | B079690      | 21-Oct-2016  |
| RF CABLE            | SF106        | HUBER & SUHNER  | B079712      | 27-Jul-2017  |
| RF CABLE            | SF106        | HUBER & SUHNER  | B079713      | 27-Jul-2017  |
| RF CABLE            | SF106        | HUBER & SUHNER  | B079716      | 27-Jul-2017  |
| RF CABLE            | SF102        | HUBER & SUHNER  | B079822      | 27-Jul-2017  |
| RF CABLE            | SF102        | HUBER & SUHNER  | B079824      | 27-Jul-2017  |
| RF CABLE            | SF106        | HUBER & SUHNER  | B085892      | 27-Jul-2017  |
| RF CABLE            | SUCOFLEX 100 | HUBER & SUHNER  | B108523      | 4-Aug-2017   |
| LOW NOISE AMPLIFIER | TS-PR18      | ROHDE & SCHWARZ | B094463      | 16-Feb-2017  |
| DRG HORN (MEDIUM)   | 3117         | ETS LINDGREN    | B079691      | 27-Jul-2017  |

Note: The equipment calibration period is 1 year.

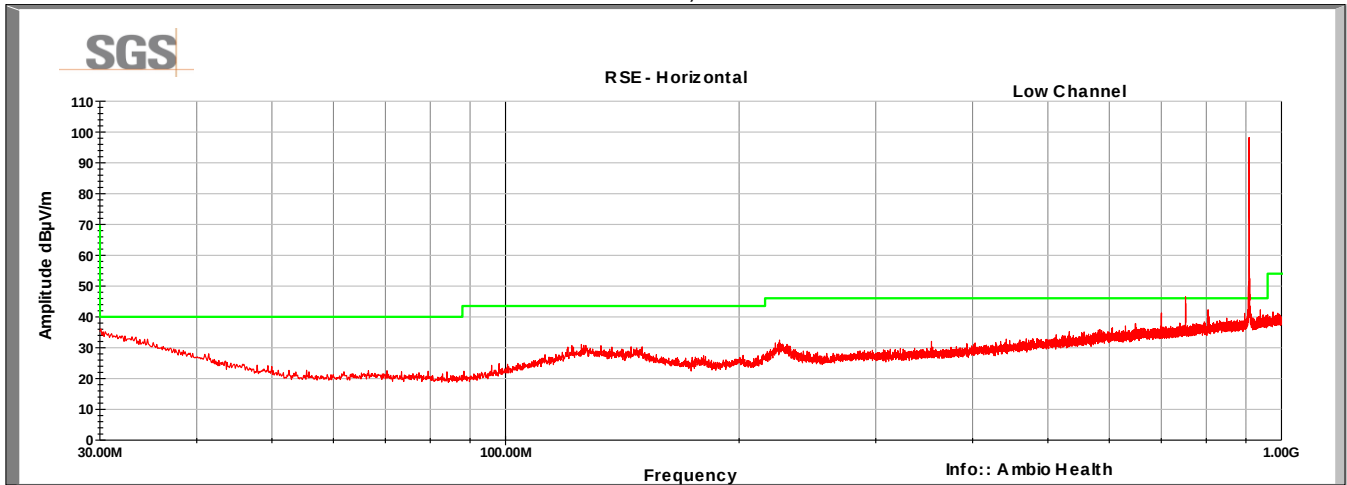
## 7.5 Test Data – Peak Data

No emissions associated with the radio were detected in the range 9kHz to 30MHz.

Low Channel, 908.4 MHz  
 30-1000MHz, Vertical

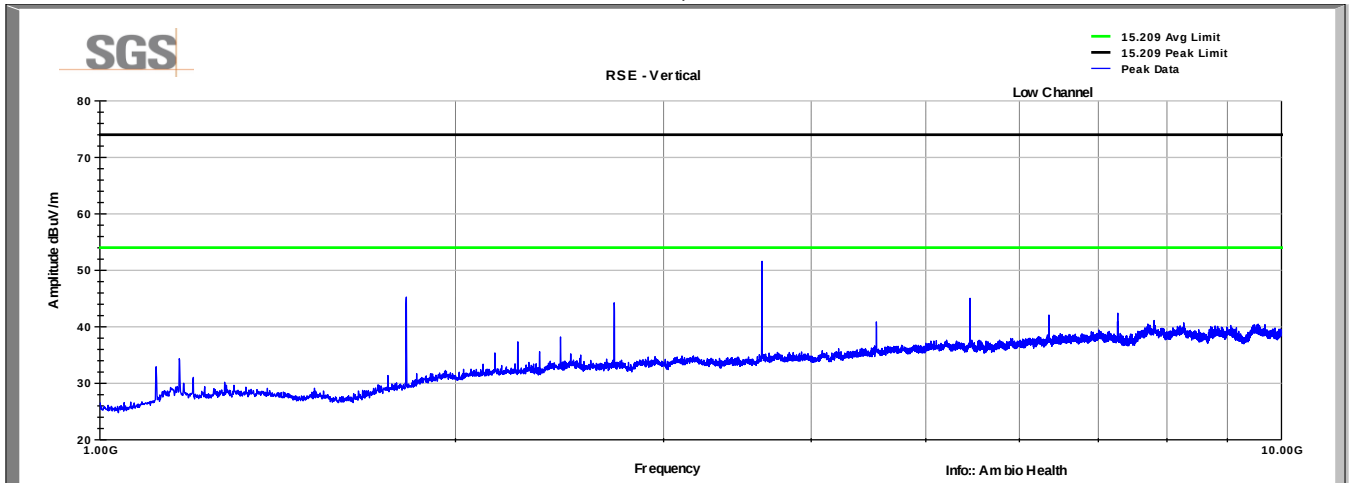


Low Channel, 908.4 MHz  
 30-1000MHz, Horizontal

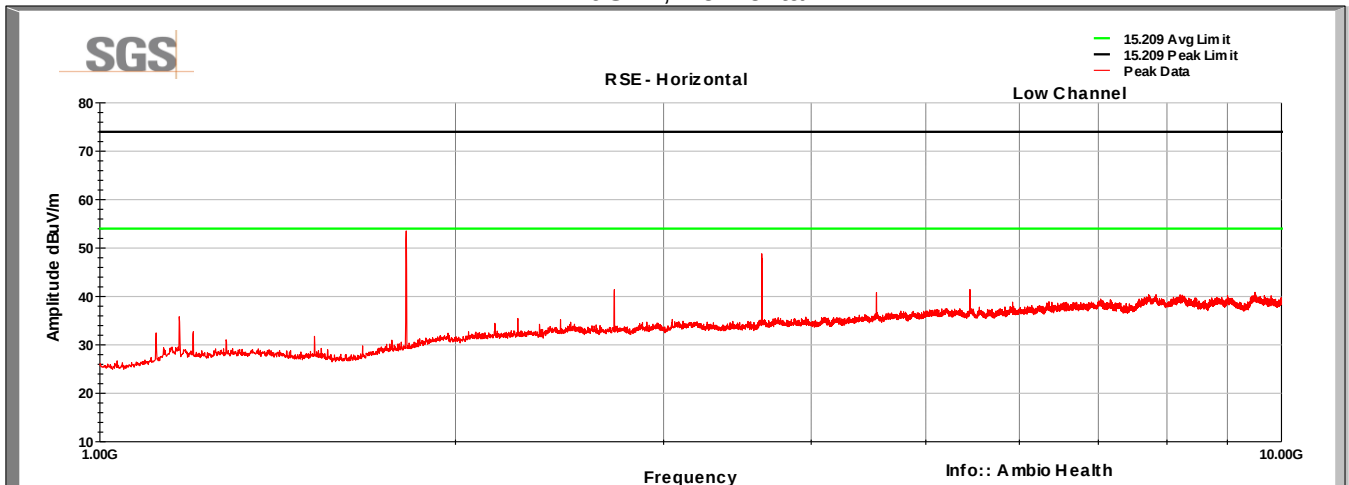


752.262MHz and 804.351MHz are not in restricted bands.

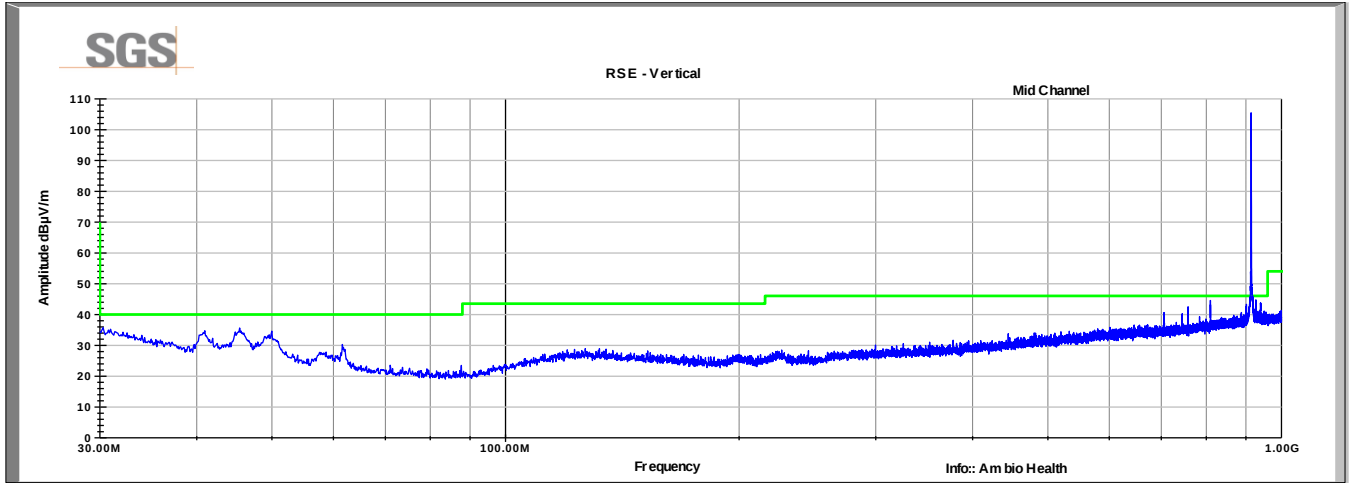
Low Channel, 908.4 MHz  
 1-10GHz, Vertical



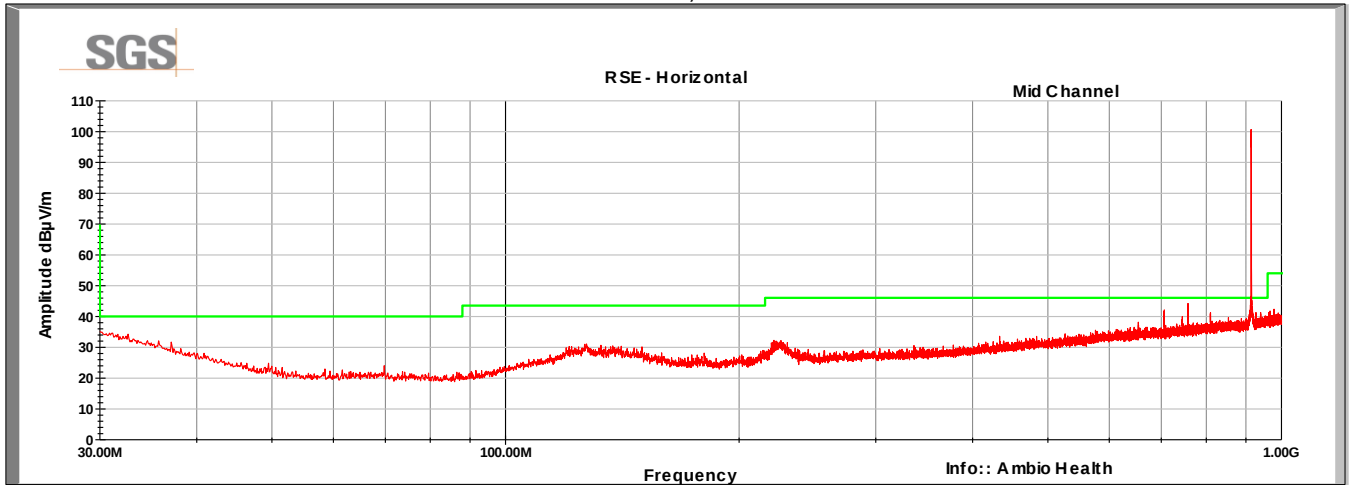
Low Channel, 908.4 MHz  
 1-10GHz, Horizontal



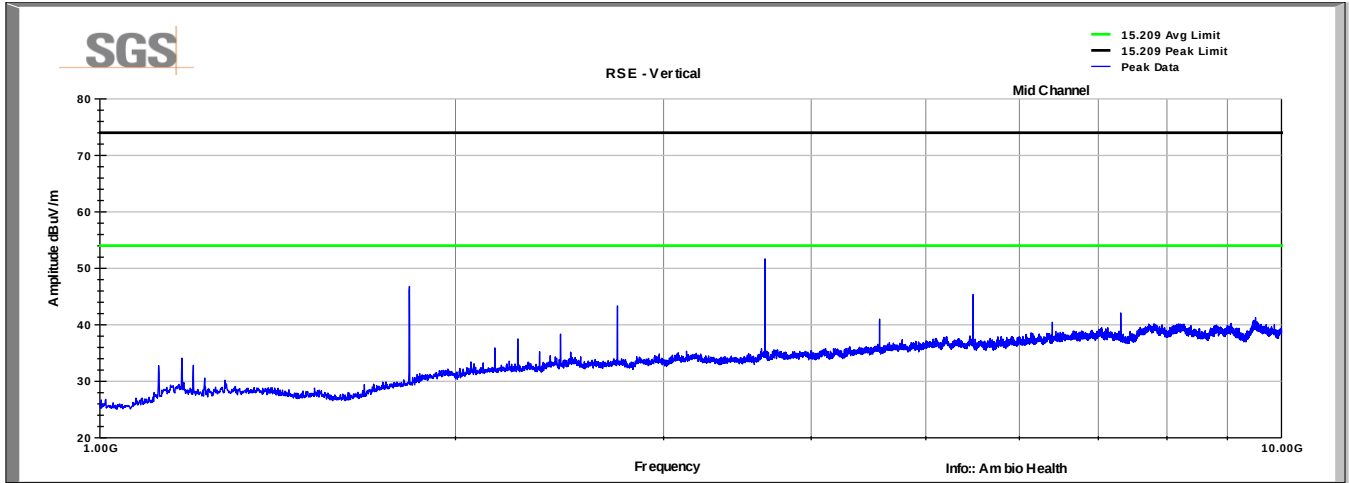
Mid Channel, 914 MHz  
 30-1000MHz, Vertical



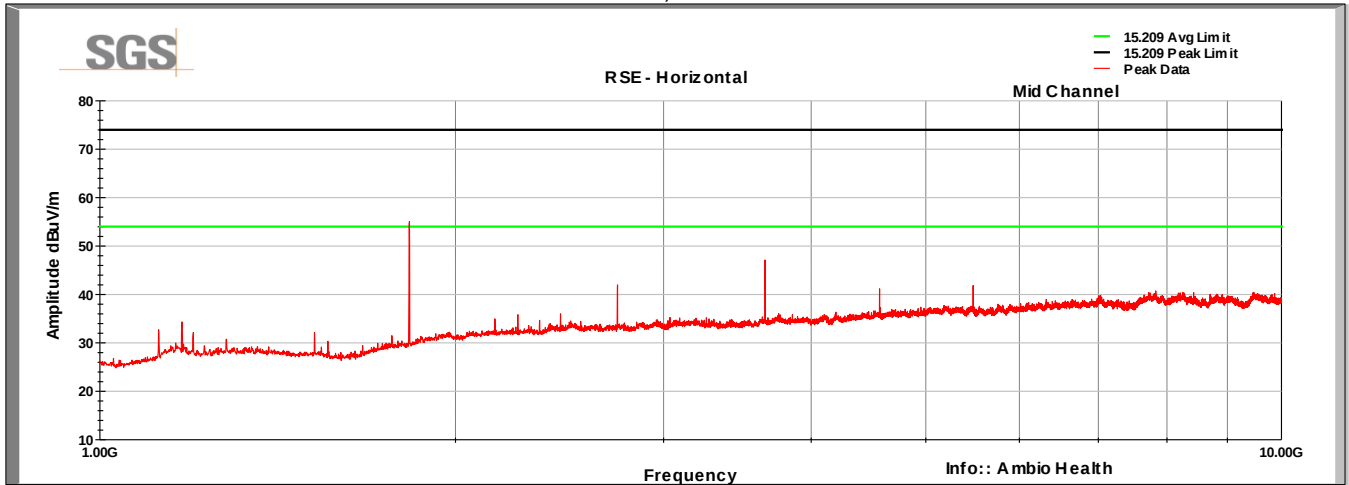
Mid Channel, 914 MHz  
 30-1000MHz, Horizontal



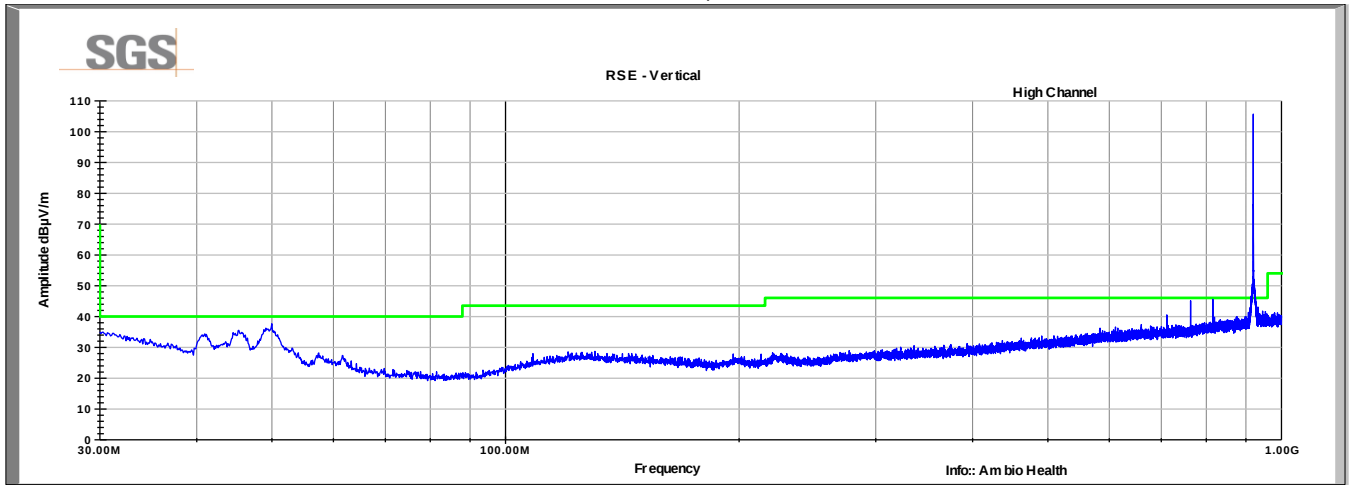
Mid Channel, 914 MHz  
 1-10GHz, Vertical



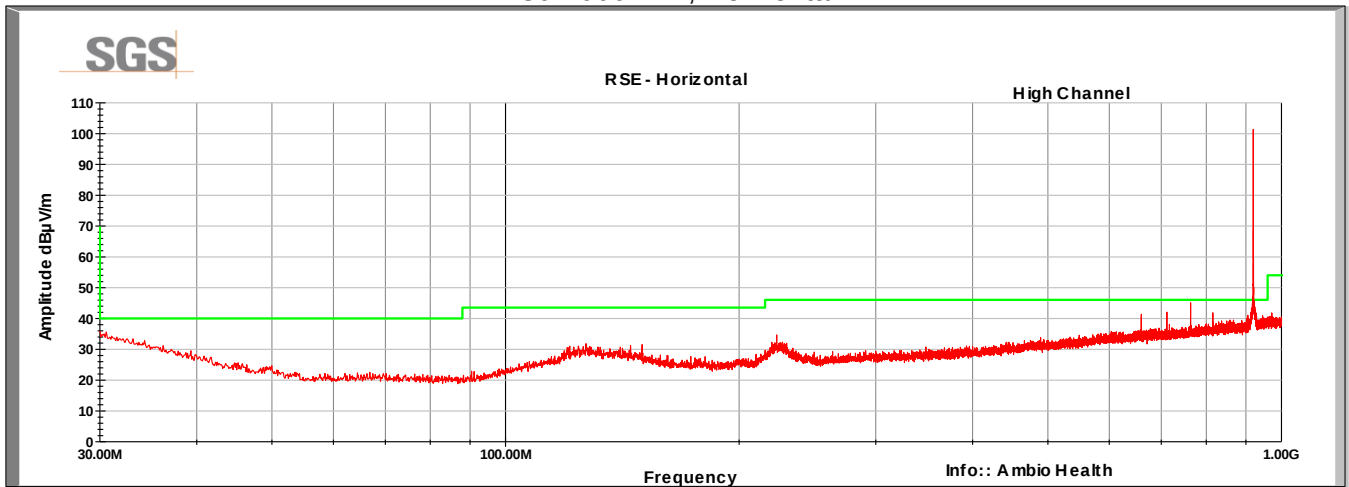
Mid Channel, 914 MHz  
 1-10GHz, Horizontal



High Channel, 919.65 MHz  
 30-1000MHz, Vertical

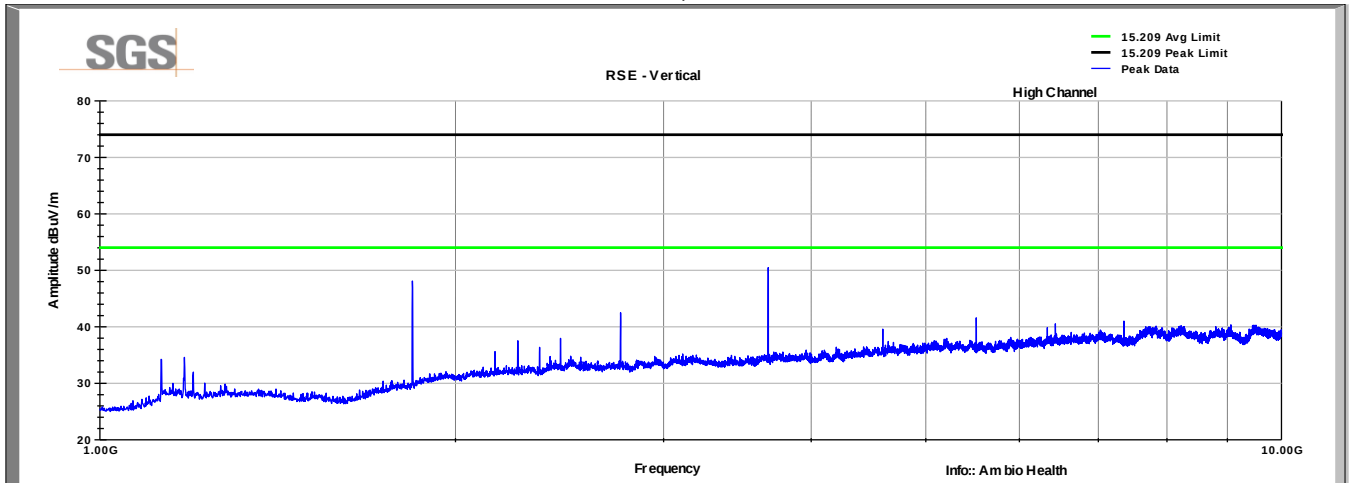


High Channel, 919.65 MHz  
 30-1000MHz, Horizontal

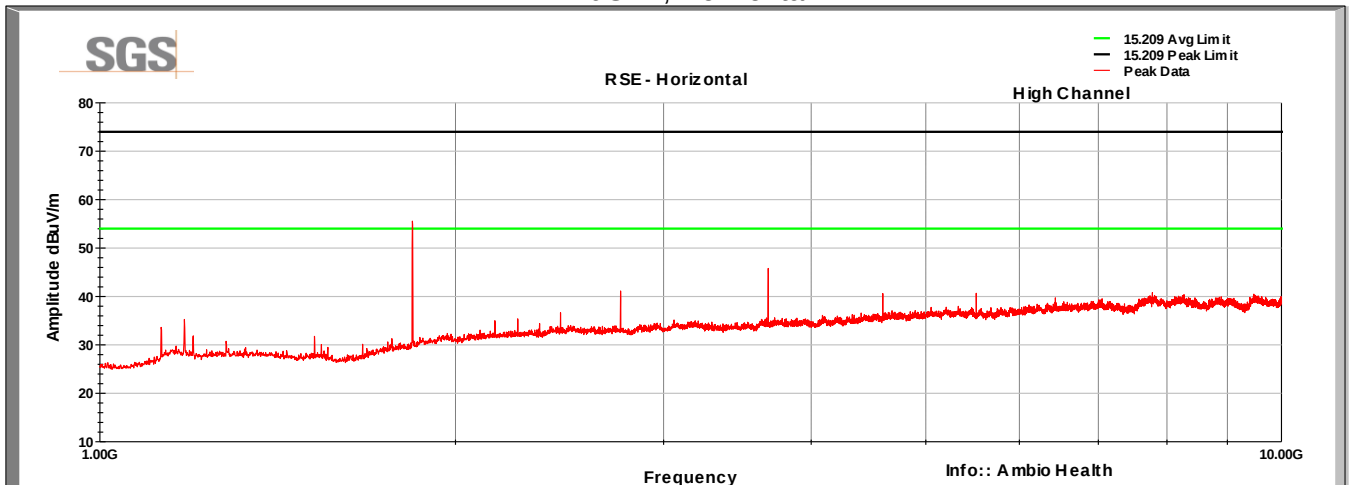


Emissions at 763.708MHz and 815.7MHz are not in restricted bands.

High Channel, 919.65 MHz  
 1-10GHz, Vertical



High Channel, 919.65 MHz  
 1-10GHz, Horizontal



## 7.6 Test Data – Tabular Data

| Frequency<br>MHz | Raw Meas<br>(dBuV) | Polarity<br>(V/H) | Correction<br>(dB/m) | Corr Value<br>dBuV/m | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |   |
|------------------|--------------------|-------------------|----------------------|----------------------|-------------------|----------------|----------|---|
| Low Channel      |                    |                   |                      |                      |                   |                |          |   |
| 1817.20          | 53.5               | H                 | -1.3                 | 52.2                 | --                | NA             | Peak     | * |
| 1817.20          | 51.9               | H                 | -1.3                 | 50.6                 | --                | NA             | Average  | * |
| 3634.30          | 51.6               | V                 | 2.6                  | 54.2                 | 74.0              | -19.8          | Peak     |   |
| 3634.30          | 49.8               | V                 | 2.6                  | 52.4                 | 54.0              | -1.6           | Average  |   |
| Mid Channel      |                    |                   |                      |                      |                   |                |          |   |
| 1828.00          | 55.0               | H                 | -1.3                 | 53.7                 | --                | NA             | Peak     | * |
| 1828.00          | 53.3               | H                 | -1.3                 | 52.0                 | --                | NA             | Average  | * |
| 3655.90          | 51.7               | V                 | 2.6                  | 54.3                 | 74.0              | -19.7          | Peak     |   |
| 3655.90          | 50.0               | V                 | 2.6                  | 52.6                 | 54.0              | -1.4           | Average  |   |
| High Channel     |                    |                   |                      |                      |                   |                |          |   |
| 1839.30          | 49.4               | V                 | -1.3                 | 48.1                 | --                | NA             | Peak     | * |
| 1839.30          | 47.7               | V                 | -1.3                 | 46.4                 | --                | NA             | Average  | * |
| 1839.30          | 55.9               | H                 | -1.3                 | 54.6                 | --                | NA             | Peak     | * |
| 1839.30          | 54.3               | H                 | -1.3                 | 53.0                 | --                | NA             | Average  | * |
| 3678.70          | 48.0               | H                 | 2.6                  | 50.6                 | 74.0              | -23.4          | Peak     |   |
| 3678.70          | 46.1               | H                 | 2.6                  | 48.7                 | 54.0              | -5.3           | Average  |   |

\* These emissions did not fall in restricted bands.

## 8 Conducted Emissions

### 8.1 Test Result

| Test Description    | Test Specification | Test Result |
|---------------------|--------------------|-------------|
| Conducted Emissions | 15.107, 15.207     | Compliant   |

### 8.2 Test Method

With the receiver's resolution bandwidth was set to 9 kHz the initial preliminary exploratory scans were performed over the measuring frequency range (0.15MHz to 30MHz) using a max hold mode incorporating a Peak detector and Average detector and using the TILE! software. The final test data was measured using a Quasi-Peak detector and Average detector and compared against the limits indicated in the table below.

| Frequency Range | Class A Limits (dBuV) | Class B Limits (dBuV)       |
|-----------------|-----------------------|-----------------------------|
| 0.15 to 0.5 MHz | Avg 66<br>QP 79       | Avg 56 to 46<br>QP 66 to 56 |
| 0.5 to 5 MHz    | Avg 60<br>QP 73       | Avg 46<br>Pk 56             |
| 5 to 30 MHz     | Avg 60<br>QP 73       | Avg 50<br>Pk 60             |

### 8.3 Test Site

SGS EMC Laboratory, Suwanee, GA

Environmental Conditions

Temperature: 23.0 °C  
Relative Humidity: 46.1 %  
Atmospheric Pressure: 97.5 kPa

### 8.4 Test Equipment

Test Date: 5-Oct-2016

Tester: FRN

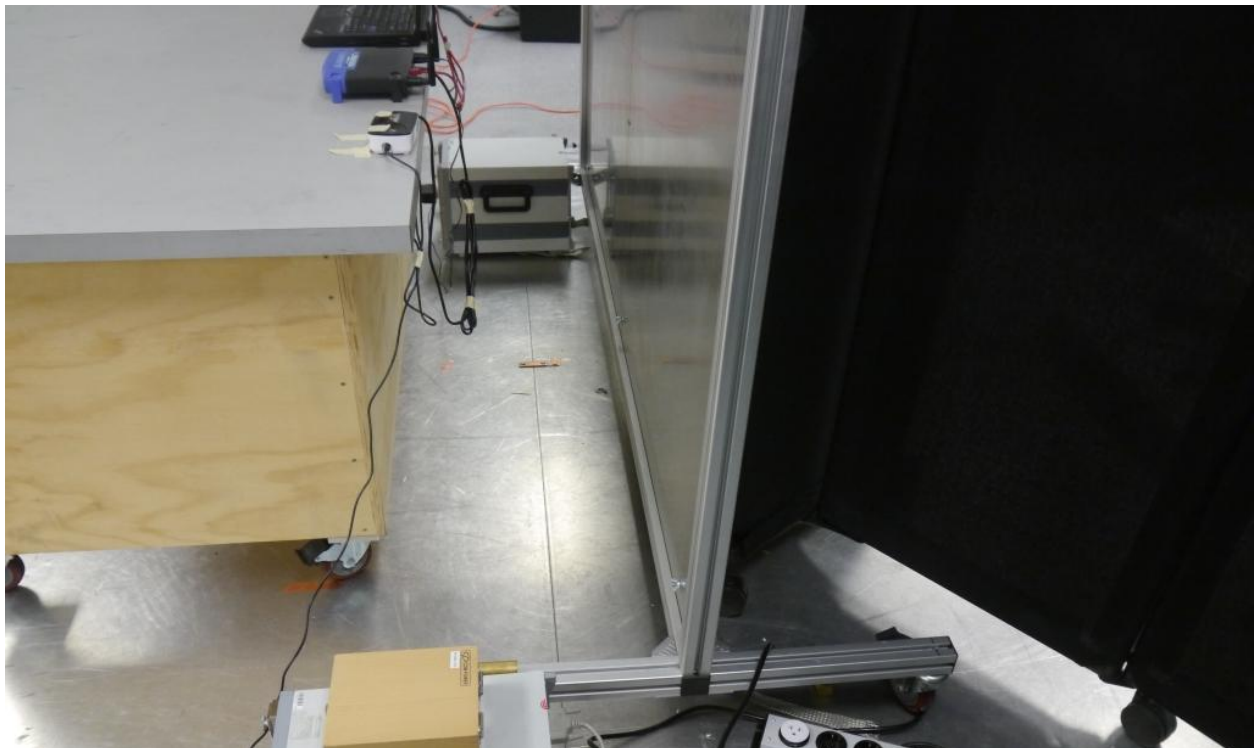
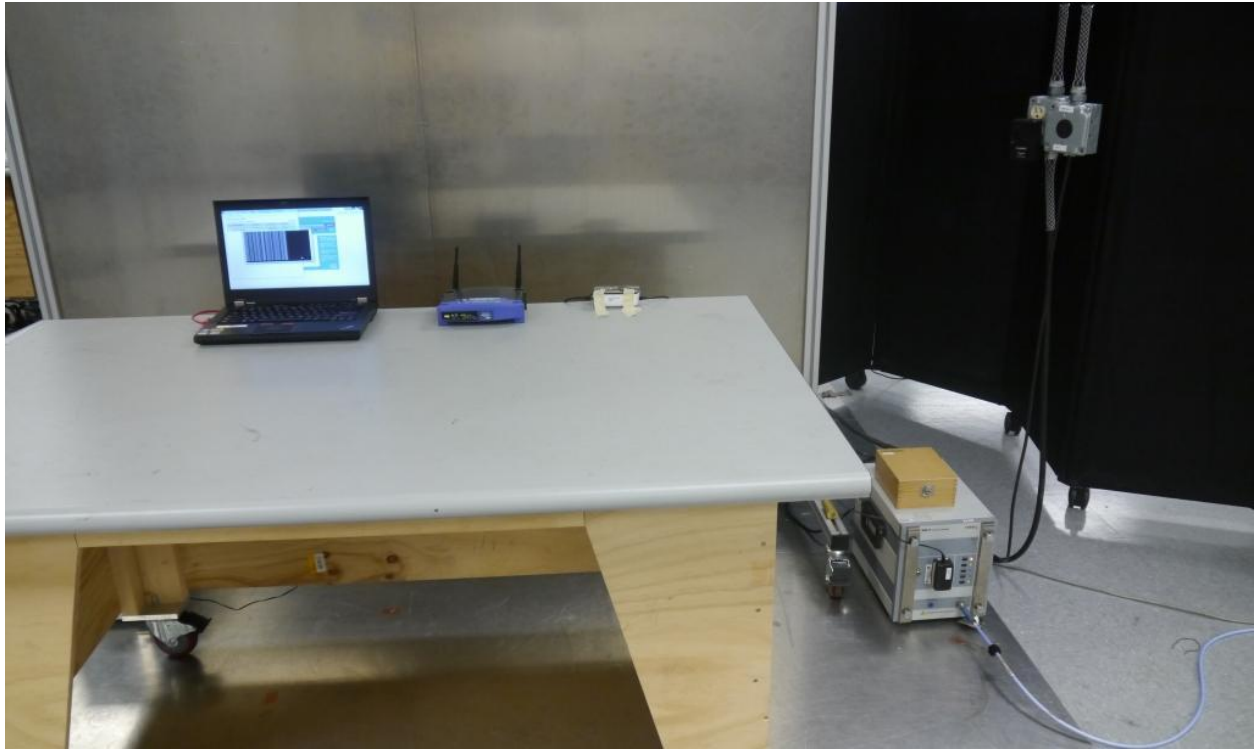
| Equipment                            | Model  | Manufacturer    | Asset Number | Cal Due Date |
|--------------------------------------|--------|-----------------|--------------|--------------|
| LINE IMPEDANCE STABILIZATION NETWORK | NNB 51 | TESEQ           | B087573      | 12-Nov-2016  |
| RF CABLE                             | SF106  | HUBER & SUHNER  | B079661      | 29-Jul-2017  |
| EMI TEST RECEIVER                    | ESU8   | ROHDE & SCHWARZ | B085759      | 21-Jul-2017  |

Note: The calibration period equipment is 1 year.

Software:

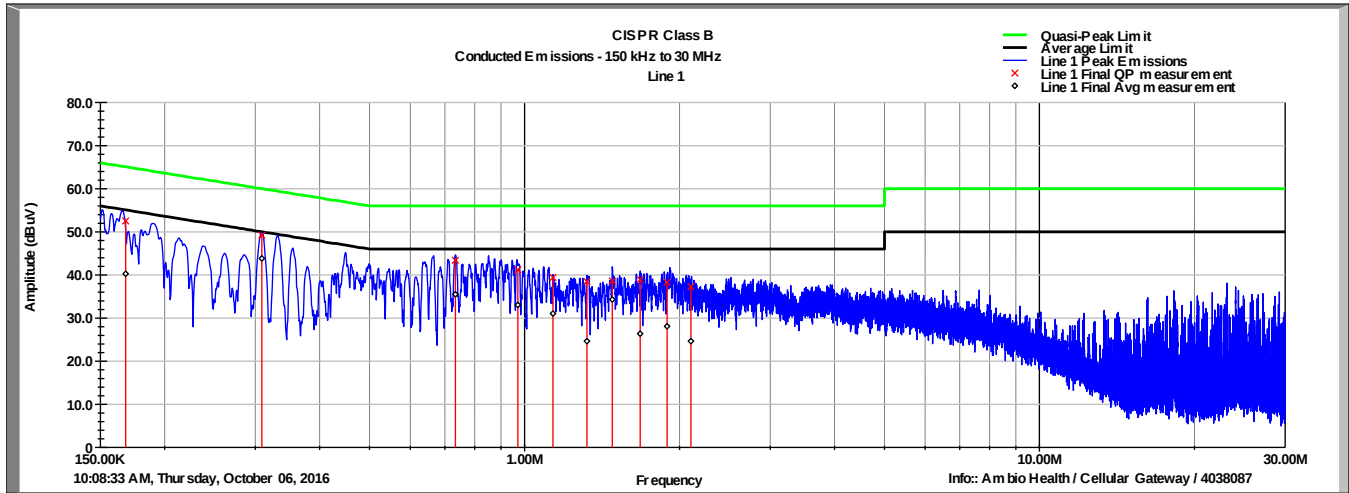
"Conducted Emissions" TILE! profile dated Dec 2015

## 8.5 Test Setup Photographs



## 8.6 Test Data

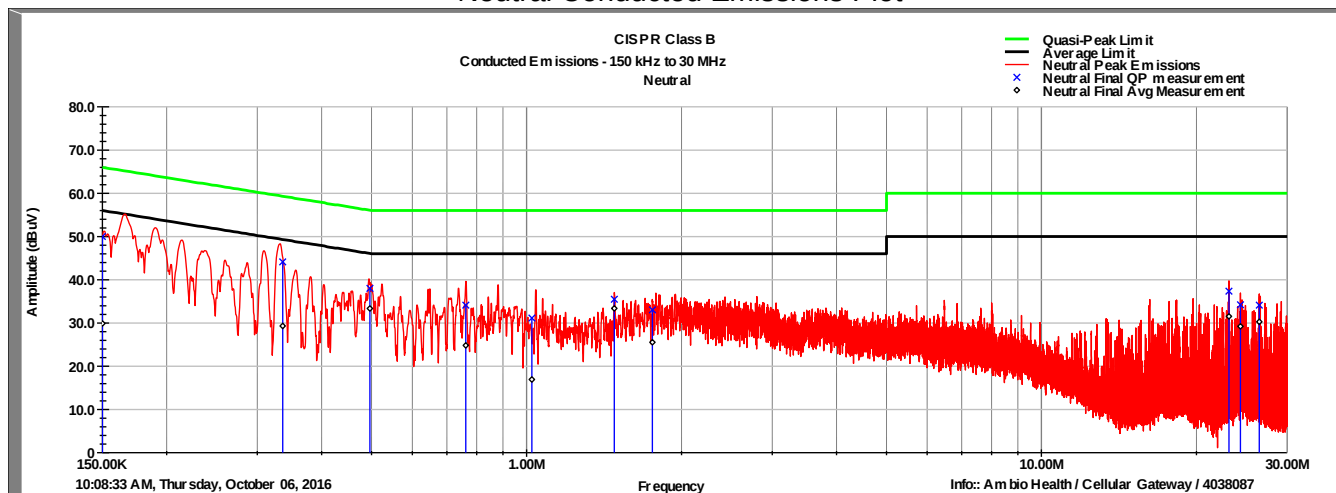
Line 1 Conducted Emissions



Line 1 Conducted Emissions Data

| Frequency<br>MHz | QP Value<br>dBuV | QP Limit<br>dBuV | QP Margin<br>dB | Avg Value<br>dBuV | Avg Limit<br>dBuV | Avg Margin<br>dB |
|------------------|------------------|------------------|-----------------|-------------------|-------------------|------------------|
| 0.168            | 52.5             | 79.0             | -26.5           | 40.3              | 66.0              | -25.7            |
| 0.309            | 49.2             | 79.0             | -29.8           | 43.8              | 66.0              | -22.2            |
| 0.734            | 43.4             | 73.0             | -29.6           | 35.5              | 60.0              | -24.5            |
| 0.971            | 41.2             | 73.0             | -31.8           | 33.0              | 60.0              | -27.0            |
| 1.136            | 39.4             | 73.0             | -33.6           | 31.0              | 60.0              | -29.0            |
| 1.322            | 38.5             | 73.0             | -34.5           | 24.6              | 60.0              | -35.4            |
| 1.480            | 38.6             | 73.0             | -34.4           | 34.3              | 60.0              | -25.7            |
| 1.677            | 38.9             | 73.0             | -34.1           | 26.4              | 60.0              | -33.6            |
| 1.892            | 38.3             | 73.0             | -34.7           | 28.1              | 60.0              | -31.9            |
| 2.104            | 37.3             | 73.0             | -35.7           | 24.7              | 60.0              | -35.3            |

### Neutral Conducted Emissions Plot



### Neutral Conducted Emissions Data

| Frequency<br>MHz | QP Value<br>dBuV | QP Limit<br>dBuV | QP Margin<br>dB | Avg Value<br>dBuV | Avg Limit<br>dBuV | Avg Margin<br>dB |
|------------------|------------------|------------------|-----------------|-------------------|-------------------|------------------|
| 0.150            | 50.0             | 79.0             | -29.0           | 29.9              | 66.0              | -36.1            |
| 0.336            | 44.1             | 79.0             | -34.9           | 29.3              | 66.0              | -36.7            |
| 0.496            | 38.0             | 79.0             | -41.0           | 33.3              | 66.0              | -32.7            |
| 0.762            | 34.1             | 73.0             | -38.9           | 24.8              | 60.0              | -35.2            |
| 1.024            | 31.1             | 73.0             | -41.9           | 16.9              | 60.0              | -43.1            |
| 1.481            | 35.5             | 73.0             | -37.5           | 33.4              | 60.0              | -26.6            |
| 1.755            | 33.0             | 73.0             | -40.0           | 25.5              | 60.0              | -34.5            |
| 23.128           | 37.4             | 73.0             | -35.6           | 31.5              | 60.0              | -28.5            |
| 24.350           | 34.2             | 73.0             | -38.8           | 29.2              | 60.0              | -30.8            |
| 26.487           | 34.1             | 73.0             | -38.9           | 30.3              | 60.0              | -29.7            |

## 9 Revision History

| Revision Level | Description of changes | Revision Date   |
|----------------|------------------------|-----------------|
| 0              | Initial release        | 31 October 2016 |
|                |                        |                 |
|                |                        |                 |
|                |                        |                 |
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