

# TEST REPORT

**Applicant:** Seeed Technology Co., Ltd  
**Address:** 9F, Building G3, TCL International E city, Shuguang Community, Xili street, Nanshan, Shenzhen, Guangdong Province, P.R.C  
**Equipment Type:** LoRa-E5  
**Model Name:** LoRa-E5-HF  
**Brand Name:** Seeed Studio  
**FCC ID:** Z4T-LORA-E5  
**Test Standard:** 47 CFR Part 15 Subpart C (refer to section 3.1)  
**Sample Arrival Date:** Jan. 06, 2026  
**Test Date:** Jan. 12, 2026 - Mar. 09, 2026  
**Date of Issue:** Mar. 27, 2026

**ISSUED BY:**

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Alex Zheng**Checked by:** Ye Hongji**Approved by:** Tolan Tu  
(Testing Director)

### Revision History

| Version        | Issue Date           | Revisions            |
|----------------|----------------------|----------------------|
| <u>Rev. 01</u> | <u>Mar. 27, 2026</u> | <u>Initial Issue</u> |

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# 1 GENERAL INFORMATION

## 1.1 Test Laboratory

|              |                                                                                                                              |
|--------------|------------------------------------------------------------------------------------------------------------------------------|
| Name         | Shenzhen BALUN Technology Co., Ltd.                                                                                          |
| Address      | Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China |
| Phone Number | +86 755 6685 0100                                                                                                            |

## 1.2 Test Location

|                           |                                                                                                                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name                      | Shenzhen BALUN Technology Co., Ltd.                                                                                                                                                                                                                                              |
| Location                  |  Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China                                                                   |
|                           |  1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China |
| Accreditation Certificate | The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 29671.                                                                                                                              |

## 2 PRODUCT INFORMATION

### 2.1 Applicant Information

|           |                                                                                                                          |
|-----------|--------------------------------------------------------------------------------------------------------------------------|
| Applicant | Seeed Technology Co., Ltd                                                                                                |
| Address   | 9F, Building G3, TCL International E city, Shuguang Community, Xili street, Nanshan, Shenzhen, Guangdong Province, P.R.C |

### 2.2 Manufacturer Information

|              |                                                                                                                             |
|--------------|-----------------------------------------------------------------------------------------------------------------------------|
| Manufacturer | Seeed Technology Co., Ltd.                                                                                                  |
| Address      | F5, Building 8, Shiling Industrial Park, Xinwei, Number32, Tongsha Road Xili Town, Nanshan District, Shenzhen, China. P.R.C |

### 2.3 General Description for Equipment under Test (EUT)

|                                           |            |
|-------------------------------------------|------------|
| EUT Name                                  | LoRa-E5    |
| Model Name Under Test                     | LoRa-E5-HF |
| Series Model Name                         | N/A        |
| Description of Model name differentiation | N/A        |
| Hardware Version                          | N/A        |
| Software Version                          | N/A        |
| Dimensions (Approx.)                      | N/A        |
| Weight (Approx.)                          | N/A        |

## 2.4 Technical Information

|                                   |      |
|-----------------------------------|------|
| Network and Wireless connectivity | LoRa |
|-----------------------------------|------|

The requirement for the following technical information of the EUT was tested in this report:

|                                     |                  |                                                                                                                          |
|-------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------|
| Modulation Technology               |                  | Frequency hopping system                                                                                                 |
| Modulation Type                     |                  | LoRa                                                                                                                     |
| Product Type                        |                  | <input checked="" type="checkbox"/> Mobile<br><input type="checkbox"/> Portable<br><input type="checkbox"/> Fix Location |
| Frequency Range                     |                  | The frequency range used is 902.3 MHz-914.9 MHz.<br>The frequency block is 902 MHz - 928 MHz.                            |
| Number of channel                   |                  | 64                                                                                                                       |
| Tested Channel                      |                  | 0 (902.3 MHz), 31 (908.5 MHz), 63 (914.9 MHz)                                                                            |
| Antenna Type                        |                  | Dipole Antenna<br>Spring Antenna                                                                                         |
| Antenna Gain                        | Dipole Antenna 2 | 2.14 dBi                                                                                                                 |
|                                     | Spring Antenna 1 | -0.38 dBi                                                                                                                |
|                                     | Spring Antenna 2 | 1.79 dBi                                                                                                                 |
| Antenna System (MIMO Smart Antenna) |                  | N/A                                                                                                                      |

All channel was listed on the following table:

| Channel Number | Freq. (MHz)  | Channel Number | Freq. (MHz)  | Channel Number | Freq. (MHz) | Channel Number | Freq. (MHz)  |
|----------------|--------------|----------------|--------------|----------------|-------------|----------------|--------------|
| 0              | <b>902.3</b> | 16             | 905.5        | 32             | 908.7       | 48             | 911.9        |
| 1              | 902.5        | 17             | 905.7        | 33             | 908.9       | 49             | 912.1        |
| 2              | 902.7        | 18             | 905.9        | 34             | 909.1       | 50             | 912.3        |
| 3              | 902.9        | 19             | 906.1        | 35             | 909.3       | 51             | 912.5        |
| 4              | 903.1        | 20             | 906.3        | 36             | 909.5       | 52             | 912.7        |
| 5              | 903.3        | 21             | 906.5        | 37             | 909.7       | 53             | 912.9        |
| 6              | 903.5        | 22             | 906.7        | 38             | 909.9       | 54             | 913.1        |
| 7              | 903.7        | 23             | 906.9        | 39             | 910.1       | 55             | 913.3        |
| 8              | 903.9        | 24             | 907.1        | 40             | 910.3       | 56             | 913.5        |
| 9              | 904.1        | 25             | 907.3        | 41             | 910.5       | 57             | 913.7        |
| 10             | 904.3        | 26             | 907.5        | 42             | 910.7       | 58             | 913.9        |
| 11             | 904.5        | 27             | 907.7        | 43             | 910.9       | 59             | 914.1        |
| 12             | 904.7        | 28             | 907.9        | 44             | 911.1       | 60             | 914.3        |
| 13             | 904.9        | 29             | 908.1        | 45             | 911.3       | 61             | 914.5        |
| 14             | 905.1        | 30             | 908.3        | 46             | 911.5       | 62             | 914.7        |
| 15             | 905.3        | 31             | <b>908.5</b> | 47             | 911.7       | 63             | <b>914.9</b> |

### 3 SUMMARY OF TEST RESULTS

#### 3.1 Test Standards

| No. | Identity                            | Document Title                                                                                                                                                                                    |
|-----|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 47 CFR Part 15, Subpart C           | Intentional radiators of radio frequency equipment                                                                                                                                                |
| 2   | KDB Publication 558074<br>D01v05r02 | GUIDANCE FOR COMPLIANCE MEASUREMENTS ON<br>DIGITAL TRANSMISSION SYSTEM, FREQUENCY HOPPING<br>SPREAD SPECTRUM SYSTEM, AND HYBRID SYSTEM DEVICES<br>OPERATING UNDER SECTION 15.247 OF THE FCC RULES |
| 3   | ANSI C63.10-2020                    | American National Standard for Procedures for Compliance Testing<br>of Unlicensed Wireless Devices                                                                                                |

### 3.2 Test Verdict

| No. | Description                                             | FCC Part No.        | Modulation Technology    | Channel                       | Test Result | Verdict               |
|-----|---------------------------------------------------------|---------------------|--------------------------|-------------------------------|-------------|-----------------------|
| 1   | Antenna Requirement                                     | 15.203              | N/A                      | N/A                           | --          | --Note1               |
| 2   | Number of Hopping Frequencies                           | 15.247(a)           | Frequency hopping system | Hopping Mode                  | ANNEX A.1   | --Note2               |
| 3   | Peak Output Power                                       | 15.247(b)           | Frequency hopping system | Low/Middle/High               | ANNEX A.2   | --Note2               |
| 4   | Occupied Bandwidth                                      | 15.247(a)           | Frequency hopping system | Low/Middle/High               | ANNEX A.3   | --Note2               |
| 5   | Carrier Frequency Separation                            | 15.247(a)           | Frequency hopping system | Hopping Mode                  | ANNEX A.4   | --Note2               |
| 6   | Time of Occupancy (Dwell time)                          | 15.247(a)           | Frequency hopping system | Hopping Mode                  | ANNEX A.5   | --Note2               |
| 7   | Conducted Spurious Emission & Authorized-band band-edge | 15.247(d)           | Frequency hopping system | Low/Middle/High, Hopping Mode | ANNEX A.6   | --Note2               |
| 8   | Conducted Emission                                      | 15.207              | Frequency hopping system | Low/Middle/High               | ANNEX A.7   | --Note2               |
| 9   | Radiated Spurious Emission                              | 15.209<br>15.247(d) | Frequency hopping system | Low/Middle/High, Hopping Mode | ANNEX A.8   | Pass <sup>Note2</sup> |
| 10  | Band Edge(Restricted-band band-edge)                    | 15.209<br>15.247(d) | Frequency hopping system | Low/Middle/High, Hopping Mode | ANNEX A.9   | Pass <sup>Note2</sup> |

Note<sup>1</sup>: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

Note<sup>2</sup>: Compared with the EUT of test report BL-SZ2080378-602, the EUT of this report shows different things as below:

1. Add antennas: Dipole Antenna 2, Spring Antenna 1 and Spring Antenna 2.
2. Updated the applicant information, manufacturer information, brand name, software version and hardware version.
3. Updated standard ANSI C63.10-2013 to standard ANSI C63.10-2020.

Other hardware circuit and software are the same as EUT referred to in test report BL-SZ2080378-602. Therefore, in addition to the above differences, Updated the testing methods in Chapter 5, just Radiated Spurious Emission & Band Edge(Restricted-band band-edge) were retested in this report, others test data and EUT information are derived from the report BL-SZ2080378-602 published by Shenzhen BALUN Technology Co., Ltd. on Nov. 25, 2020.

## 4 GENERAL TEST CONFIGURATIONS

### 4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

|                            |                         |                    |
|----------------------------|-------------------------|--------------------|
| Relative Humidity          | 39% to 49%              |                    |
| Atmospheric Pressure       | 100 kPa to 102 kPa      |                    |
| Temperature                | NT (Normal Temperature) | +20.7°C to +25.1°C |
| Working Voltage of the EUT | NV (Normal Voltage)     | 3.3 V              |

### 4.2 Test Equipment List

| Description         | Manufacturer           | Model     | Serial No. | Cal. Date  | Cal. Due   |
|---------------------|------------------------|-----------|------------|------------|------------|
| Spectrum Analyzer   | KEYSIGHT               | N9020A    | MY56060127 | 2025.12.25 | 2026.12.24 |
| Test Antenna-Bi-Log | SCHWARZBECK            | VULB 9163 | 01414      | 2023.11.03 | 2026.11.02 |
| Test Antenna-Horn   | SCHWARZBECK            | 3117      | 00108482   | 2025.10.19 | 2028.10.18 |
| Anechoic Chamber    | EMC Electronic Co, Ltd | 9m*6m*6m  | /          | 2024.11.25 | 2027.08.25 |

### 4.3 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

| Parameters                        | Uncertainty |
|-----------------------------------|-------------|
| Occupied Channel Bandwidth        | 2.8%        |
| RF output power, conducted        | 1.28 dB     |
| Power Spectral Density, conducted | 1.30 dB     |
| Unwanted Emissions, conducted     | 1.84 dB     |
| All emissions, radiated           | 5.36 dB     |
| Temperature                       | 0.8°C       |
| Humidity                          | 4%          |

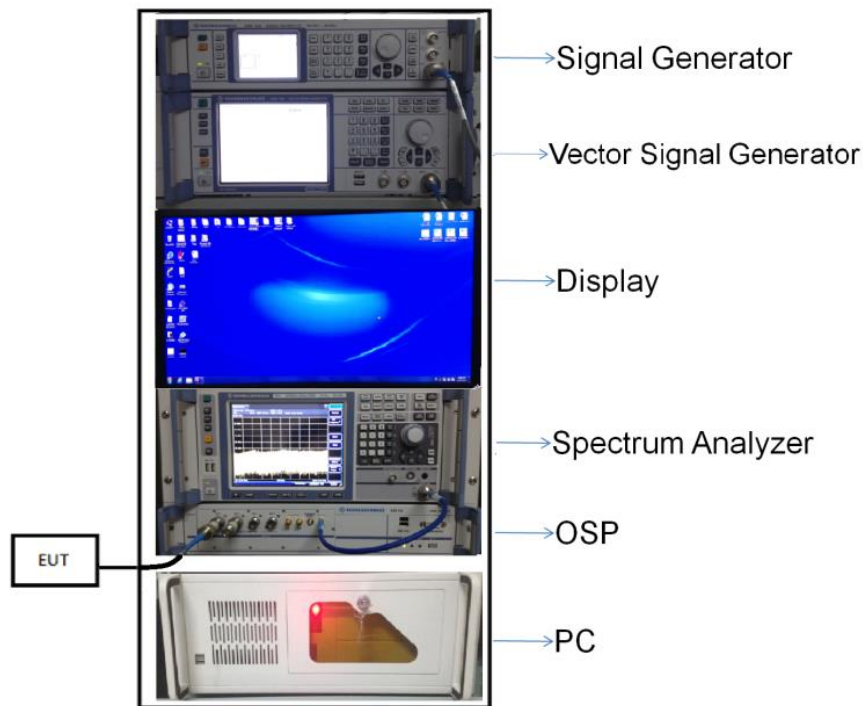
## 4.4 Description of Test Setup

### 4.4.1 For Antenna Port Test

Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

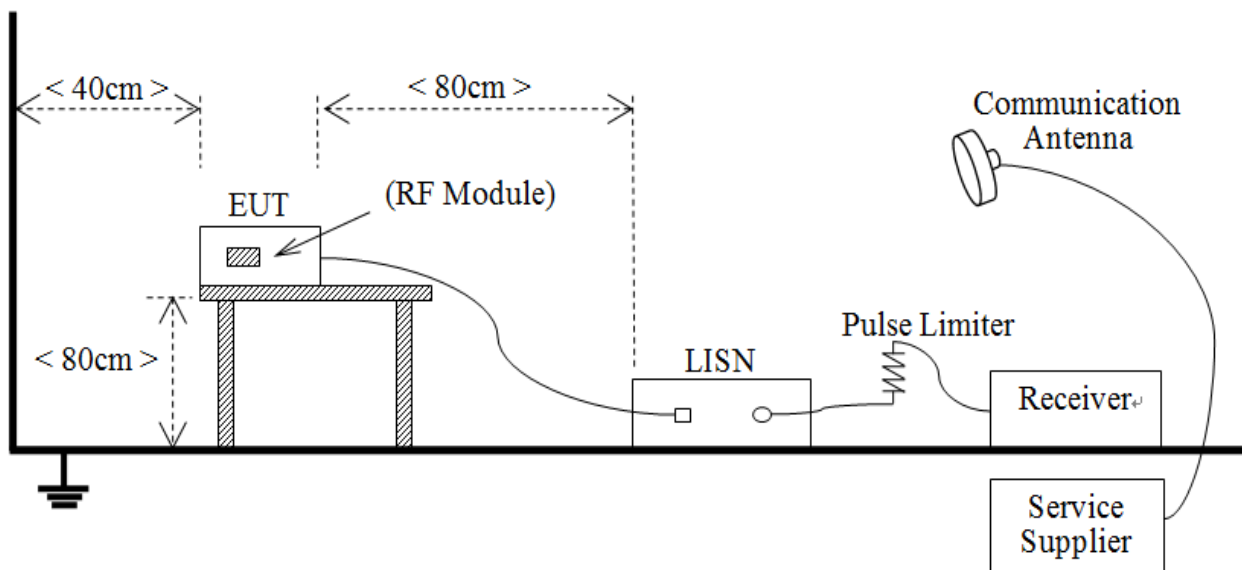
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



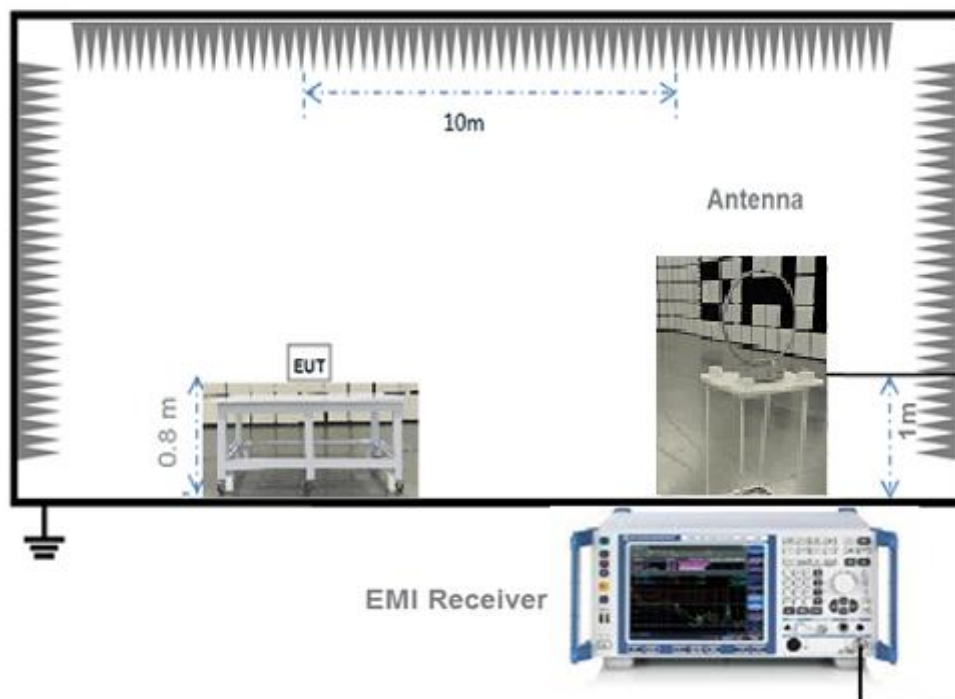
(Diagram 1)

#### 4.4.2 For AC Power Supply Port Test



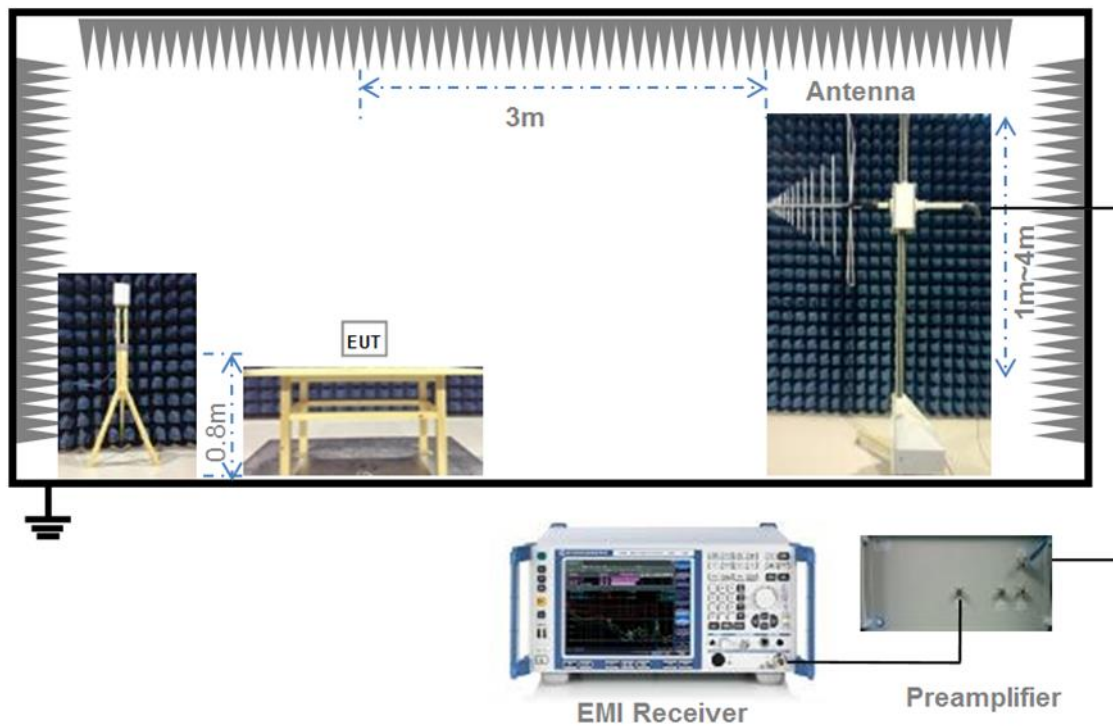
(Diagram 2)

#### 4.4.3 For Radiated Test (Below 30 MHz)



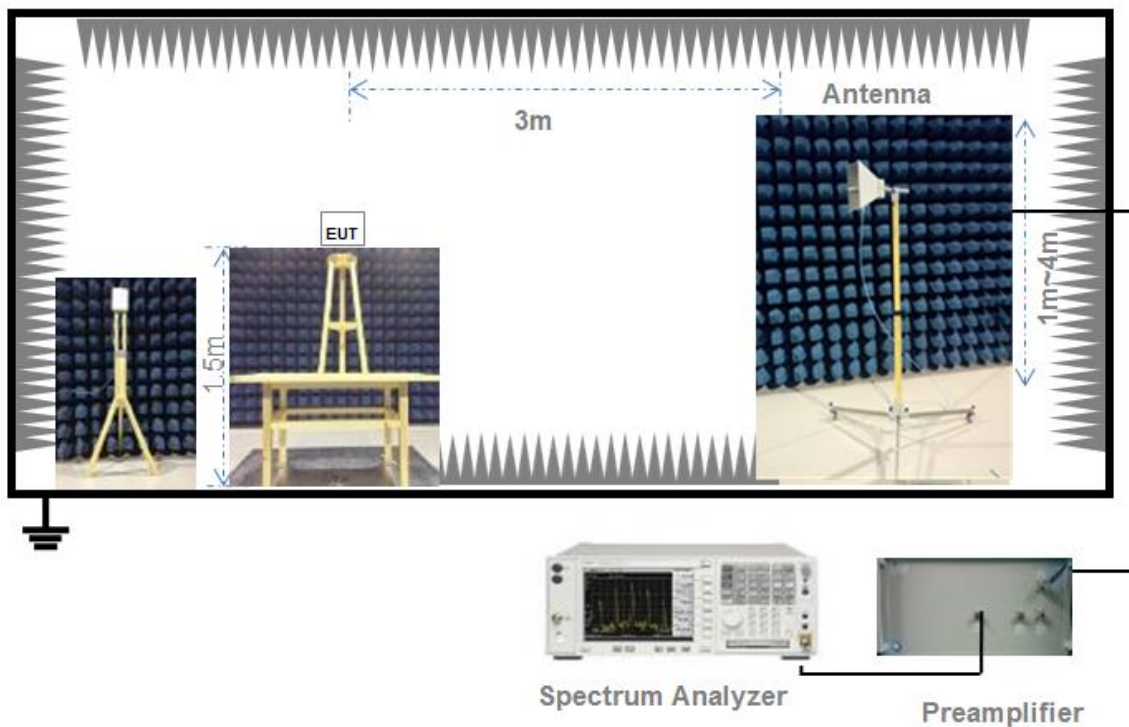
(Diagram 3)

#### 4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

#### 4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

## 4.5 Measurement Results Explanation Example

### 4.5.1 For conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

## 5 TEST ITEMS

### 5.1 Antenna Requirements

#### 5.1.1 Relevant Standards

FCC §15.203;

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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, § 15.213, § 15.217, § 15.219, or § 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

If directional gain of transmitting antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the FCC rule.

#### 5.1.2 Antenna Anti-Replacement Construction

The Antenna Anti-Replacement as following method:

| Protected Method                       | Description                                                               |
|----------------------------------------|---------------------------------------------------------------------------|
| The antenna is embedded in the product | The antenna is welded on the mainboard, can't be replaced by the consumer |

| Reference Documents | Item                                     |
|---------------------|------------------------------------------|
| Photo               | Please refer to the EUT Photo documents. |

#### 5.1.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

## 5.2 Number of Hopping Frequencies

### 5.2.1 Limit

#### FCC §15.247(a)

For FHSs in the band 902-928 MHz: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping channels and the average time of occupancy on any channel shall not be greater than 0.4 seconds within a 20-second period. If the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping channels and the average time of occupancy on any channel shall not be greater than 0.4 seconds within a 10-second period. The maximum 20 dB bandwidth of the hopping channel shall be 500 kHz.

### 5.2.2 Test Setup

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

### 5.2.3 Test Procedure

The EUT must have its hopping function enabled. Use the following spectrum analyzer settings:

Span = the frequency band of operation

RBW  $\geq$  1% of the span

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

Allow the trace to stabilize

### 5.2.4 Test Result

Please refer to ANNEX A.1.

## 5.3 Peak Output Power

### 5.3.1 Test Limit

#### FCC § 15.247(b)

For frequency hopping systems operating in the 902-928 MHz band: 1 watt for systems employing at least 50 hopping channels; and, 0.25 watts for systems employing less than 50 hopping channels, but at least 25 hopping channels, as permitted under paragraph (a)(1)(i) of this section.

### 5.3.2 Test Setup

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

### 5.3.3 Test Procedure

The Module operates at hopping-off test mode. The lowest, middle and highest channels are selected to perform testing to verify the conducted RF output peak power of the Module.

Use the following spectrum analyzer settings:

Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel

RBW > the 20 dB bandwidth of the emission being measured

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

Allow the trace to stabilize.

### 5.3.4 Test Result

Please refer to ANNEX A.2.

## 5.4 Occupied Bandwidth

### 5.4.1 Limit

FCC §15.247(a)

### 5.4.2 Test Setup

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

### 5.4.3 Test Procedure

Use the following spectrum analyzer settings:

Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel

RBW = in the range of 1% to 5% of the OBW

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

The EUT should be transmitting at its maximum data rate, Allow the trace to stabilize.

### 5.4.4 Test Result

Please refer to ANNEX A.3.

## 5.5 Carrier Frequency Separation

### 5.5.1 Limit

#### FCC §15.247(a)

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

### 5.5.2 Test Setup

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

### 5.5.3 Test Procedure

The EUT must have its hopping function enabled. Use the following spectrum analyzer settings:

Span = wide enough to capture the peaks of two adjacent channels

Resolution (or IF) Bandwidth (RBW)  $\geq$  1% of the span

Video (or Average) Bandwidth (VBW)  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

Allow the trace to stabilize. Use the marker-delta function to determine the separation between the peaks of the adjacent channels.

### 5.5.4 Test Result

Please refer to ANNEX A.4.

## 5.6 Time of Occupancy (Dwell time)

### 5.6.1 Limit

#### FCC §15.247(a)

For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period; if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period.

### 5.6.2 Test Setup

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

### 5.6.3 Test Procedure

The lowest, middle and highest channels are selected to perform testing to record the dwell time of each occupation measured in this channel, which is called Pulse Time here.

### 5.6.4 Test Result

Please refer to ANNEX A.5.

## 5.7 Conducted Spurious Emission & Authorized-band band-edge

### 5.7.1 Limit

#### FCC §15.247(d)

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 below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

### 5.7.2 Test Setup

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

### 5.7.3 Test Procedure

Use the following spectrum analyzer settings:

Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic. Typically, several plots are required to cover this entire span.

RBW = 100 kHz

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

Allow the trace to stabilize

### 5.7.4 Test Result

Please refer to ANNEX A.6.

## 5.8 Conducted Emission

### 5.8.1 Limit

#### FCC §15.207

For an intentional radiator 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 within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 $\mu$ H/50 $\Omega$  line impedance stabilization network (LISN).

| Frequency range<br>(MHz) | Conducted Limit (dB $\mu$ V) |          |
|--------------------------|------------------------------|----------|
|                          | Quai-peak                    | Average  |
| 0.15 - 0.50              | 66 to 56                     | 56 to 46 |
| 0.50 - 5                 | 56                           | 46       |
| 0.50 - 30                | 60                           | 50       |

### 5.8.2 Test Setup

See section 4.4.2 for test setup description for the AC power supply port. The photo of test setup please refer to ANNEX B.

### 5.8.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

### 5.8.4 Test Result

Please refer to ANNEX A.7.

## 5.9 Radiated Spurious Emission

### 5.9.1 Limit

FCC §15.209&15.247(d)

Radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

| Frequency (MHz) | Field Strength (μV/m) | Measurement Distance (m) |
|-----------------|-----------------------|--------------------------|
| 0.009 - 0.490   | 902/F(kHz)            | 300                      |
| 0.490 - 1.705   | 9020/F(kHz)           | 30                       |
| 1.705 - 30.0    | 30                    | 30                       |
| 30 - 88         | 100                   | 3                        |
| 88 - 216        | 150                   | 3                        |
| 216 - 960       | 200                   | 3                        |
| Above 960       | 500                   | 3                        |

Note:

1. Field Strength (dBμV/m) = 20\*log[Field Strength (μV/m)].
2. In the emission tables above, the tighter limit applies at the band edges.
3. For Above 1000 MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.
4. For above 1000 MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK).

### 5.9.2 Test Setup

See section 4.4.3 to 4.4.5 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

### 5.9.3 Test Procedure

The measurement frequency range is from 9 kHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for  $f \geq 1$  GHz, 100 kHz for  $f < 1$  GHz

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported, Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

#### 5.9.4 Test Result

Please refer to ANNEX A.8.

## 5.10 Band Edge (Restricted-band band-edge)

### 5.10.1 Limit

FCC §15.209&15.247(d)

Radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

### 5.10.2 Test Setup

See section 4.4.3 to 4.4.5 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

### 5.10.3 Test Procedure

The measurement frequency range is from 9 kHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for  $f \geq 1$  GHz, 100 kHz for  $f < 1$  GHz

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported, Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

### 5.10.4 Test Result

Please refer to ANNEX A.9.

## ANNEX A TEST RESULT

### A.1 Number of Hopping Frequency

Note: The Number of Hopping Frequency please refer to the Report No. BL-SZ2080378-602 issued by Shenzhen BALUN Technology Co., Ltd. on Nov. 25, 2020, **Section A.1 Number of Hopping Frequency**.

### A.2 Peak Output Power

Note: The Peak Output Power please refer to the Report No. BL-SZ2080378-602 issued by Shenzhen BALUN Technology Co., Ltd. on Nov. 25, 2020, **Section A.2 Peak Output Power**.

### A.3 20 dB and 99% bandwidth

Note: The 20 dB and 99% bandwidth please refer to the Report No. BL-SZ2080378-602 issued by Shenzhen BALUN Technology Co., Ltd. on Nov. 25, 2020, **Section A.3 20 dB and 99% bandwidth**.

### A.4 Hopping Frequency Separation

Note: The Hopping Frequency Separation please refer to the Report No. BL-SZ2080378-602 issued by Shenzhen BALUN Technology Co., Ltd. on Nov. 25, 2020, **Section A.4 Hopping Frequency Separation**.

### A.5 Average Time of Occupancy

Note: The Average Time of Occupancy please refer to the Report No. BL-SZ2080378-602 issued by Shenzhen BALUN Technology Co., Ltd. on Nov. 25, 2020, **Section A.5 Average Time of Occupancy**.

### A.6 Conducted Spurious Emissions & Authorized-band band-edge

Note: The Conducted Spurious Emissions & Authorized-band band-edge please refer to the Report No. BL-SZ2080378-602 issued by Shenzhen BALUN Technology Co., Ltd. on Nov. 25, 2020, **Section A.6 Conducted Spurious Emissions & Authorized-band band-edge**.

## A.7 Conducted Emissions

Note: The Conducted Emissions please refer to the Report No. BL-SZ2080378-602 issued by Shenzhen BALUN Technology Co., Ltd. on Nov. 25, 2020, **Section A.7 Conducted Emissions**.

## A.8 Radiated Spurious Emission

Note<sup>1</sup>: The symbol of “--” in the table which means not application.

Note<sup>2</sup>: For the test data above 1 GHz, according the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note<sup>3</sup>: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note<sup>4</sup>: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

Note<sup>5</sup>: The marked spikes near 900 MHz with circle should be ignored because they are Fundamental signal.

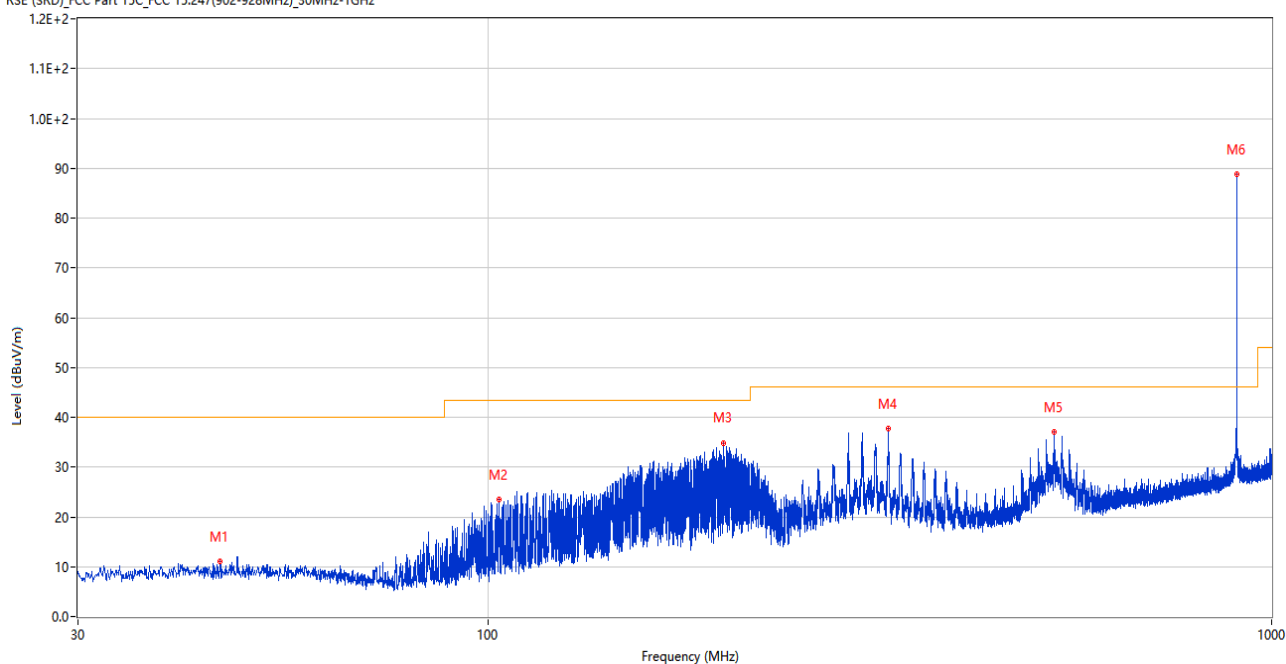
Note<sup>6</sup>: The Radiated Spurious Emission please refer to the Report No. BL-SZ2080378-601 issued by Shenzhen BALUN Technology Co., Ltd. on Nov. 25, 2020, **Section A.8 Radiated Spurious Emission**. just Radiated Spurious Emission (Dipole Antenna 2 & Spring Antenna) were tested in this report.

## Test Data and Plots

### Dipole Antenna 2

#### LOW CHANNEL, 30 MHz to 1 GHz, ANT H

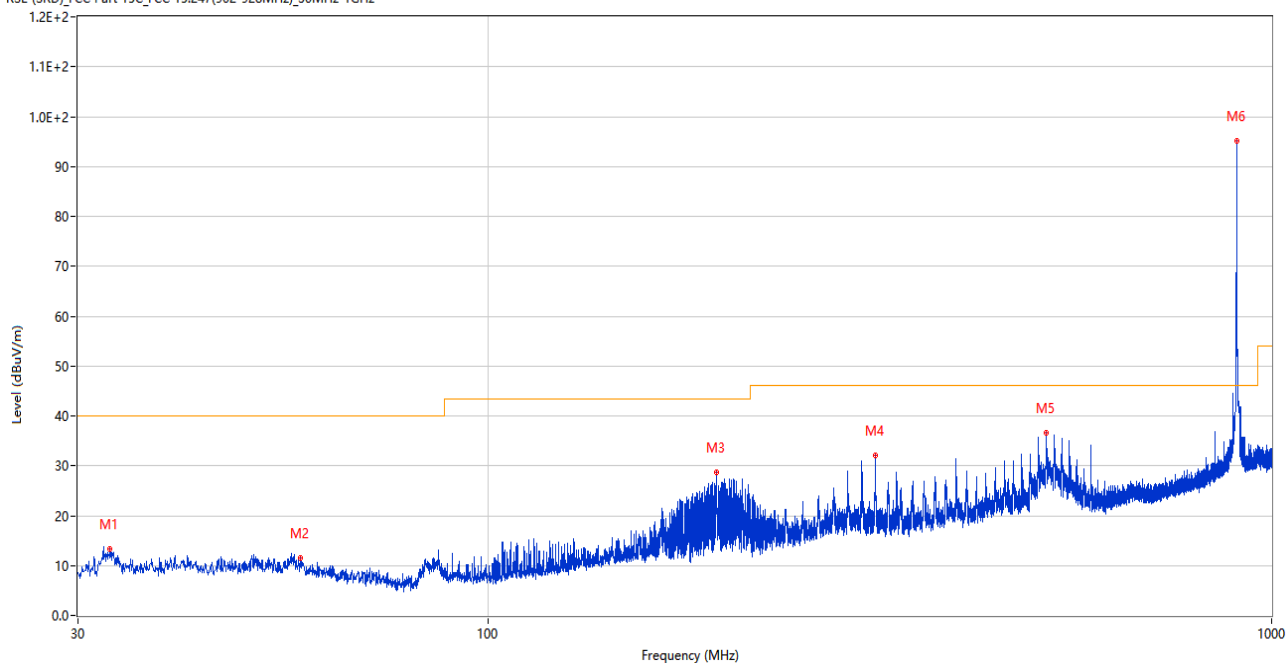
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 45.520          | 11.05            | 40.0           | 28.95       | Peak     | 266.00         | 150         | Horizontal | Pass    |
| 2   | 103.381         | 23.46            | 43.5           | 20.04       | Peak     | 194.00         | 150         | Horizontal | Pass    |
| 3   | 199.992         | 34.91            | 43.5           | 8.59        | Peak     | 214.00         | 150         | Horizontal | Pass    |
| 4   | 324.589         | 37.63            | 46.0           | 8.37        | Peak     | 224.00         | 150         | Horizontal | Pass    |
| 5   | 528.046         | 37.02            | 46.0           | 8.98        | Peak     | 171.00         | 150         | Horizontal | Pass    |
| 6   | 902.321         | 89.07            | 46.0           | -43.07      | Peak     | 19.00          | 150         | Horizontal | N/A     |

# LOW CHANNEL, 30 MHz to 1 GHz, ANT V

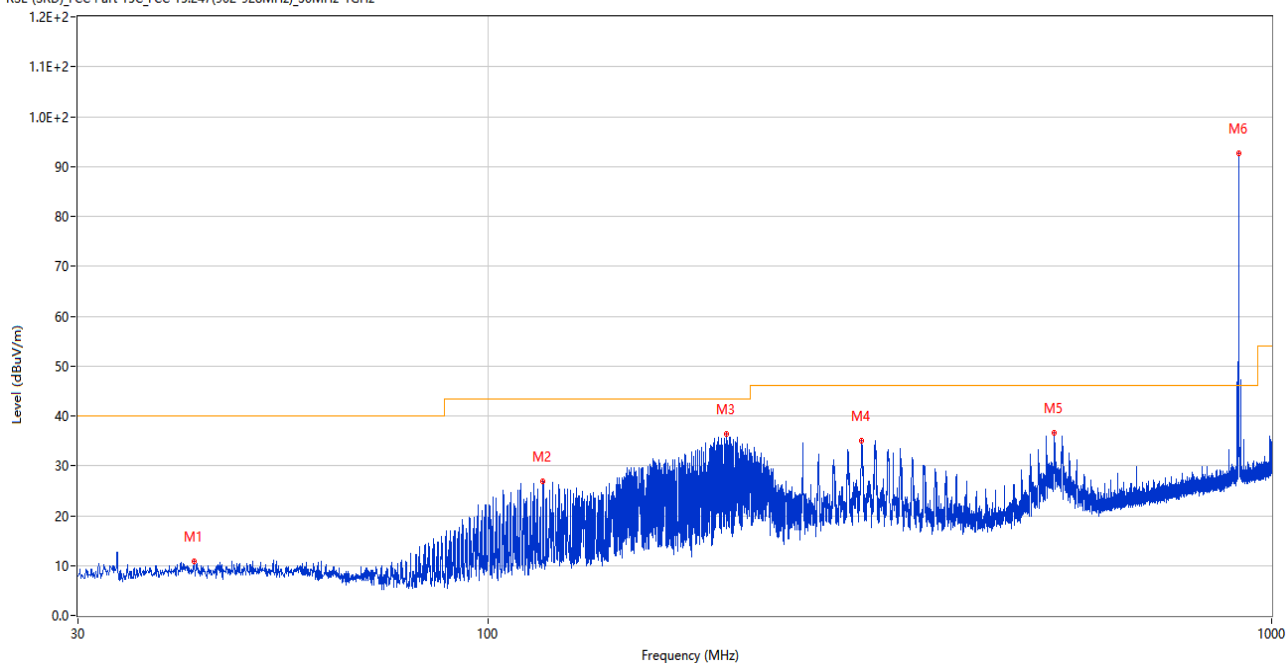
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 32.959          | 13.36            | 40.0           | 26.64       | Peak     | 61.00          | 150         | Vertical | Pass    |
| 2   | 57.596          | 11.55            | 40.0           | 28.45       | Peak     | 356.00         | 150         | Vertical | Pass    |
| 3   | 195.773         | 28.68            | 43.5           | 14.82       | Peak     | 196.00         | 150         | Vertical | Pass    |
| 4   | 312.125         | 31.99            | 46.0           | 14.01       | Peak     | 30.00          | 150         | Vertical | Pass    |
| 5   | 515.970         | 36.62            | 46.0           | 9.38        | Peak     | 233.00         | 150         | Vertical | Pass    |
| 6   | 902.273         | 95.16            | 46.0           | -49.16      | Peak     | 80.00          | 150         | Vertical | N/A     |

## MIDDLE CHANNEL, 30 MHz to 1 GHz, ANT H

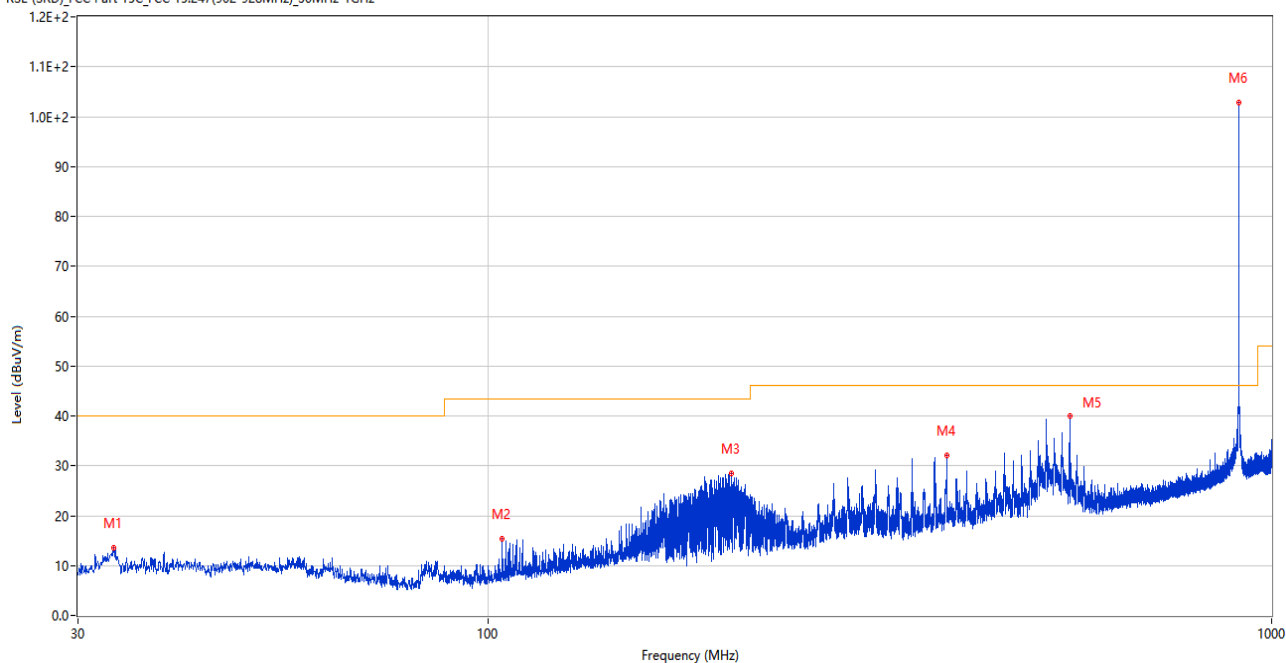
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 42.173          | 10.88            | 40.0           | 29.12       | Peak     | 2.00           | 150         | Horizontal | Pass    |
| 2   | 117.640         | 26.85            | 43.5           | 16.65       | Peak     | 56.00          | 150         | Horizontal | Pass    |
| 3   | 201.302         | 36.43            | 43.5           | 7.07        | Peak     | 236.00         | 150         | Horizontal | Pass    |
| 4   | 300.048         | 35.10            | 46.0           | 10.90       | Peak     | 71.00          | 150         | Horizontal | Pass    |
| 5   | 528.046         | 36.63            | 46.0           | 9.37        | Peak     | 179.00         | 150         | Horizontal | Pass    |
| 6   | 908.578         | 93.16            | 46.0           | -47.16      | Peak     | 22.00          | 150         | Horizontal | N/A     |

## MIDDLE CHANNEL, 30 MHz to 1 GHz, ANT V

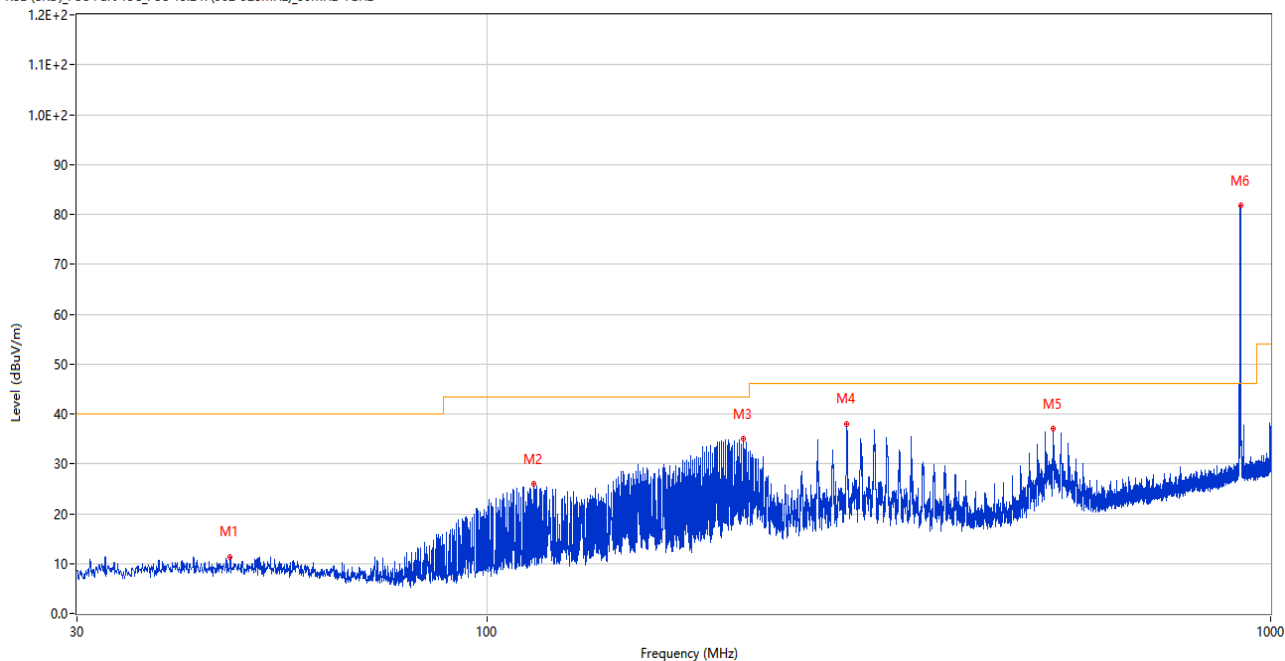
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 33.346          | 13.59            | 40.0           | 26.41       | Peak     | 360.00         | 150         | Vertical | Pass    |
| 2   | 104.351         | 15.45            | 43.5           | 28.05       | Peak     | 2.00           | 150         | Vertical | Pass    |
| 3   | 204.309         | 28.47            | 43.5           | 15.03       | Peak     | 111.00         | 150         | Vertical | Pass    |
| 4   | 384.778         | 32.08            | 46.0           | 13.92       | Peak     | 274.00         | 150         | Vertical | Pass    |
| 5   | 552.636         | 39.89            | 46.0           | 6.11        | Peak     | 158.00         | 150         | Vertical | Pass    |
| 6   | 908.578         | 102.84           | 46.0           | -56.84      | Peak     | 82.00          | 150         | Vertical | N/A     |

## HIGH CHANNEL, 30 MHz to 1 GHz, ANT H

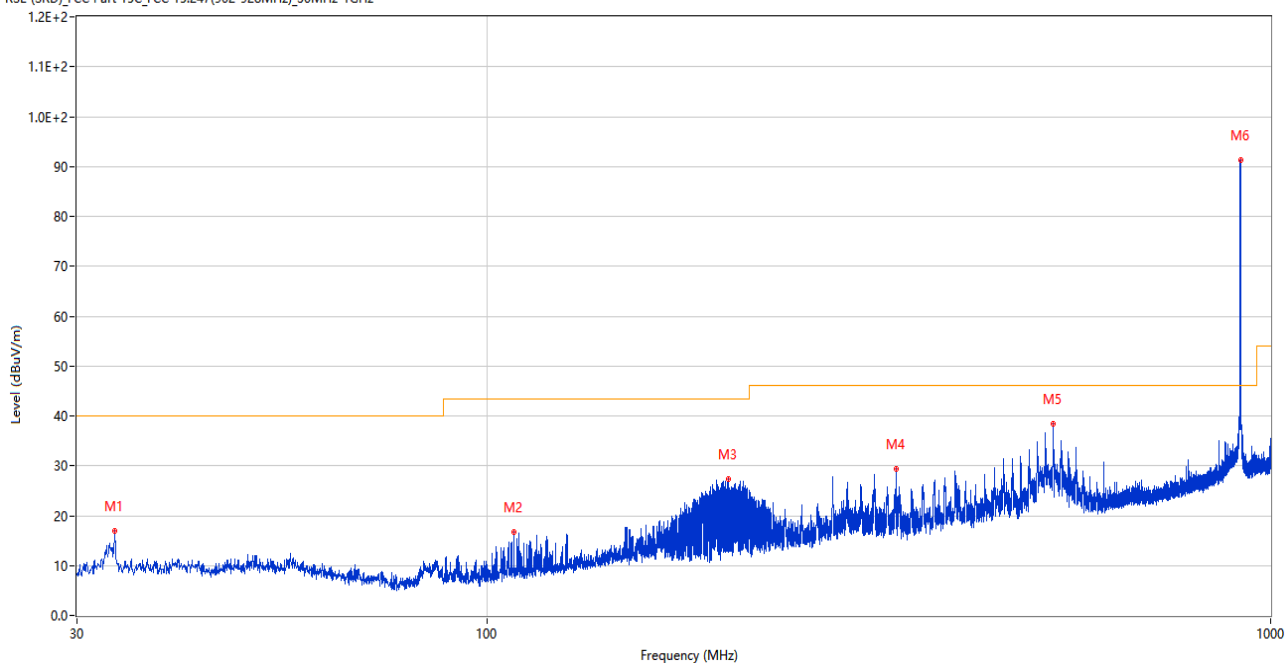
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 47.072          | 11.39            | 40.0           | 28.61       | Peak     | 70.00          | 150         | Horizontal | Pass    |
| 2   | 114.826         | 25.90            | 43.5           | 17.60       | Peak     | 21.00          | 150         | Horizontal | Pass    |
| 3   | 212.263         | 34.97            | 43.5           | 8.53        | Peak     | 200.00         | 150         | Horizontal | Pass    |
| 4   | 288.069         | 38.05            | 46.0           | 7.95        | Peak     | 91.00          | 150         | Horizontal | Pass    |
| 5   | 528.046         | 37.14            | 46.0           | 8.86        | Peak     | 181.00         | 150         | Horizontal | Pass    |
| 6   | 914.882         | 82.24            | 46.0           | -36.24      | Peak     | 169.00         | 150         | Horizontal | N/A     |

## HIGH CHANNEL, 30 MHz to 1 GHz, ANT V

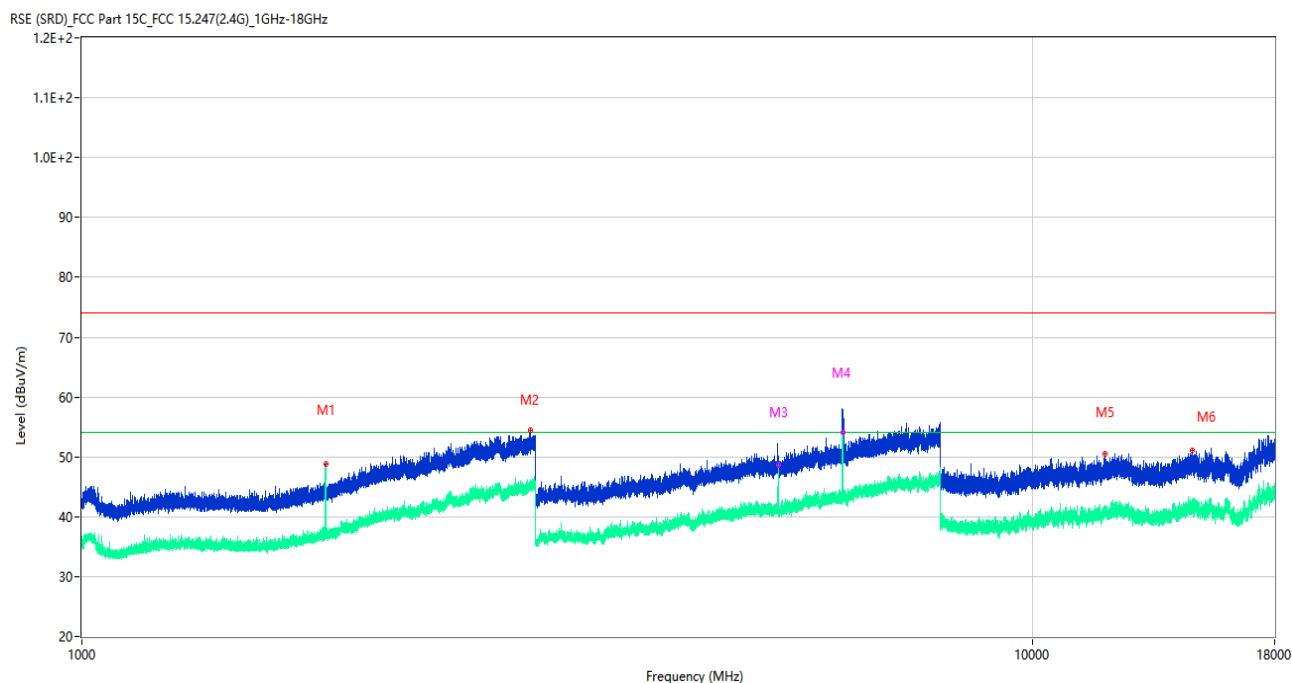
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 33.541          | 16.99            | 40.0           | 23.01       | Peak     | 251.00         | 150         | Vertical | Pass    |
| 2   | 108.279         | 16.72            | 43.5           | 26.78       | Peak     | 343.00         | 150         | Vertical | Pass    |
| 3   | 203.388         | 27.32            | 43.5           | 16.18       | Peak     | 197.00         | 150         | Vertical | Pass    |
| 4   | 332.931         | 29.35            | 46.0           | 16.65       | Peak     | 65.00          | 150         | Vertical | Pass    |
| 5   | 528.192         | 38.50            | 46.0           | 7.50        | Peak     | 217.00         | 150         | Vertical | Pass    |
| 6   | 914.882         | 91.89            | 46.0           | -45.89      | Peak     | 82.00          | 150         | Vertical | N/A     |

Note: The spurious from 18GHz-25GHz is noise only, do not show on the report.

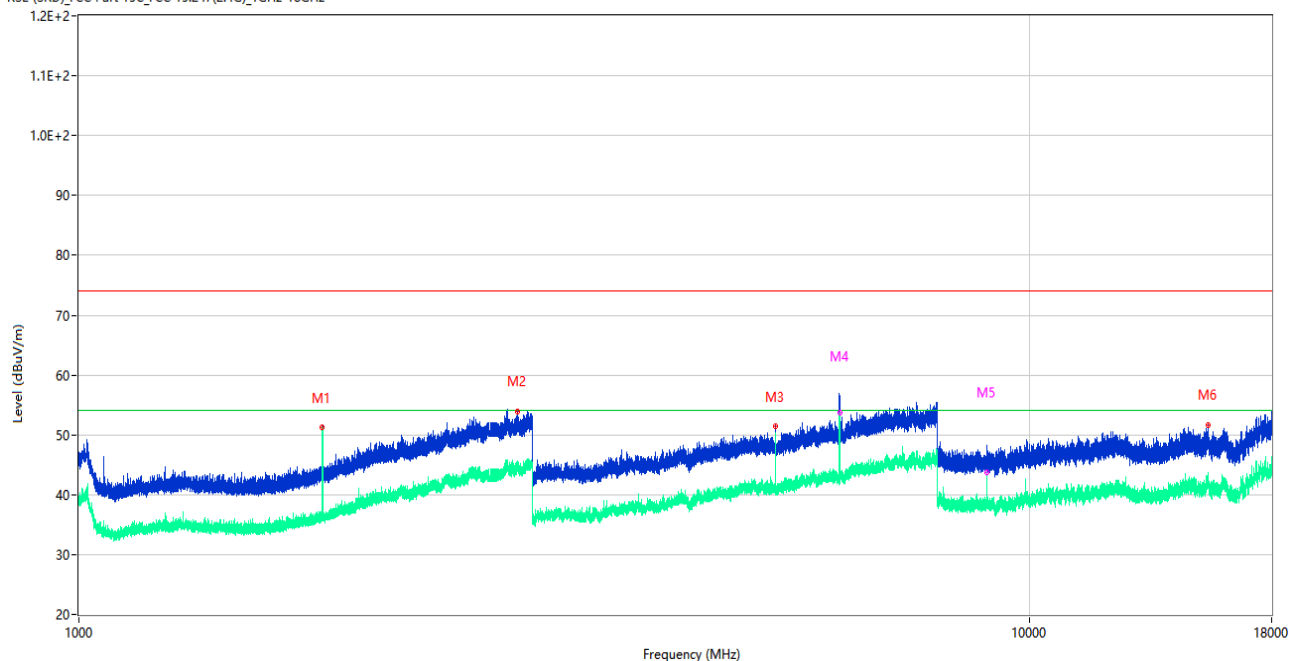
### LOW CHANNEL 1 GHz to 18 GHz, ANT H



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1804.600        | 49.09            | 74.0           | 24.91       | Peak     | 49.00          | 100         | Horizontal | Pass    |
| 1** | 1804.600        | 48.47            | 54.0           | 5.53        | AV       | 49.00          | 100         | Horizontal | Pass    |
| 2   | 2961.800        | 54.41            | 74.0           | 19.59       | Peak     | 209.00         | 100         | Horizontal | Pass    |
| 2** | 2961.800        | 45.30            | 54.0           | 8.70        | AV       | 209.00         | 100         | Horizontal | Pass    |
| 3   | 5413.750        | 52.46            | 74.0           | 21.54       | Peak     | 232.00         | 200         | Horizontal | Pass    |
| 3** | 5413.750        | 48.58            | 54.0           | 5.42        | AV       | 232.00         | 200         | Horizontal | Pass    |
| 4   | 6316.500        | 57.89            | 74.0           | 16.11       | Peak     | 88.00          | 300         | Horizontal | Pass    |
| 4** | 6316.500        | 53.91            | --             | --          | AV       | 88.00          | 300         | Horizontal | Pass    |
| 5   | 11942.263       | 50.54            | 74.0           | 23.46       | Peak     | 39.00          | 400         | Horizontal | Pass    |
| 5** | 11942.263       | 41.41            | 54.0           | 12.59       | AV       | 39.00          | 400         | Horizontal | Pass    |
| 6   | 14746.050       | 51.02            | 74.0           | 22.98       | Peak     | 181.00         | 300         | Horizontal | Pass    |
| 6** | 14746.050       | 42.07            | 54.0           | 11.93       | AV       | 181.00         | 300         | Horizontal | Pass    |

# LOW CHANNEL 1 GHz to 18 GHz, ANT V

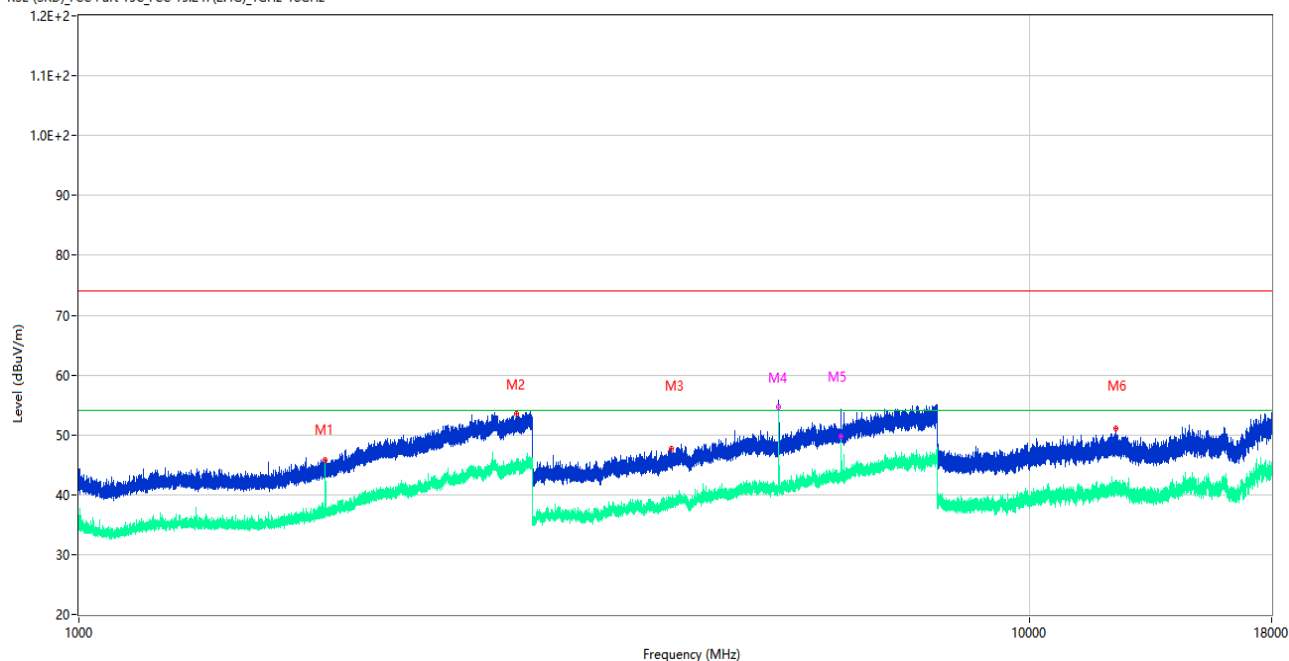
RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1804.400        | 52.26            | 74.0           | 21.74       | Peak     | 116.00         | 200         | Vertical | Pass    |
| 1** | 1804.400        | 51.45            | 54.0           | 2.55        | AV       | 116.00         | 200         | Vertical | Pass    |
| 2   | 2894.700        | 53.97            | 74.0           | 20.03       | Peak     | 207.00         | 300         | Vertical | Pass    |
| 2** | 2894.700        | 44.81            | 54.0           | 9.19        | AV       | 207.00         | 300         | Vertical | Pass    |
| 3   | 5413.750        | 52.40            | 74.0           | 21.60       | Peak     | 129.00         | 200         | Vertical | Pass    |
| 3** | 5413.750        | 51.68            | 54.0           | 2.32        | AV       | 129.00         | 200         | Vertical | Pass    |
| 4   | 6316.500        | 56.68            | 74.0           | 17.32       | Peak     | 160.00         | 400         | Vertical | Pass    |
| 4** | 6316.500        | 53.85            | --             | --          | AV       | 160.00         | 400         | Vertical | Pass    |
| 5   | 9023.388        | 48.30            | 74.0           | 25.70       | Peak     | 106.00         | 100         | Vertical | Pass    |
| 5** | 9023.388        | 44.68            | 54.0           | 9.32        | AV       | 106.00         | 100         | Vertical | Pass    |
| 6   | 15441.150       | 51.58            | 74.0           | 22.42       | Peak     | 346.00         | 100         | Vertical | Pass    |
| 6** | 15441.150       | 41.53            | 54.0           | 12.47       | AV       | 346.00         | 100         | Vertical | Pass    |

## MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

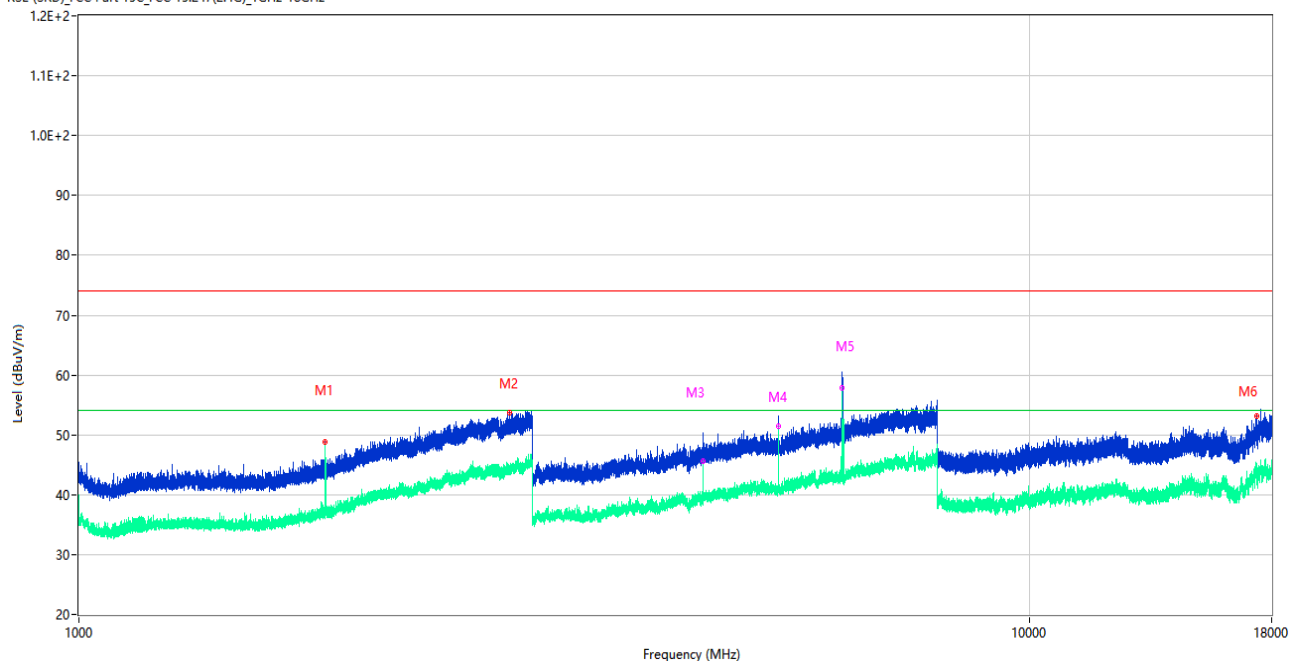
RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1816.800        | 46.88            | 74.0           | 27.12       | Peak     | 205.00         | 200         | Horizontal | Pass    |
| 1** | 1816.800        | 43.12            | 54.0           | 11.88       | AV       | 205.00         | 200         | Horizontal | Pass    |
| 2   | 2884.800        | 53.55            | 74.0           | 20.45       | Peak     | 128.00         | 400         | Horizontal | Pass    |
| 2** | 2884.800        | 44.90            | 54.0           | 9.10        | AV       | 128.00         | 400         | Horizontal | Pass    |
| 3   | 4198.500        | 47.72            | 74.0           | 26.28       | Peak     | 88.00          | 200         | Horizontal | Pass    |
| 3** | 4198.500        | 38.64            | 54.0           | 15.36       | AV       | 88.00          | 200         | Horizontal | Pass    |
| 4   | 5451.500        | 55.07            | 74.0           | 18.93       | Peak     | 222.00         | 100         | Horizontal | Pass    |
| 4** | 5451.500        | 54.65            | 54.0           | -0.65       | AV       | 222.00         | 100         | Horizontal | N/A     |
| 4** | 5451.500        | 53.16            | 54.0           | 0.84        | AV       | 222.00         | 100         | Horizontal | Pass    |
| 5   | 6340.250        | 54.48            | 74.0           | 19.52       | Peak     | 253.00         | 400         | Horizontal | Pass    |
| 5** | 6340.250        | 49.69            | --             | --          | AV       | 253.00         | 400         | Horizontal | Pass    |
| 6   | 12328.912       | 51.04            | 74.0           | 22.96       | Peak     | 132.00         | 400         | Horizontal | Pass    |
| 6** | 12328.912       | 40.53            | 54.0           | 13.47       | AV       | 132.00         | 400         | Horizontal | Pass    |

## MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

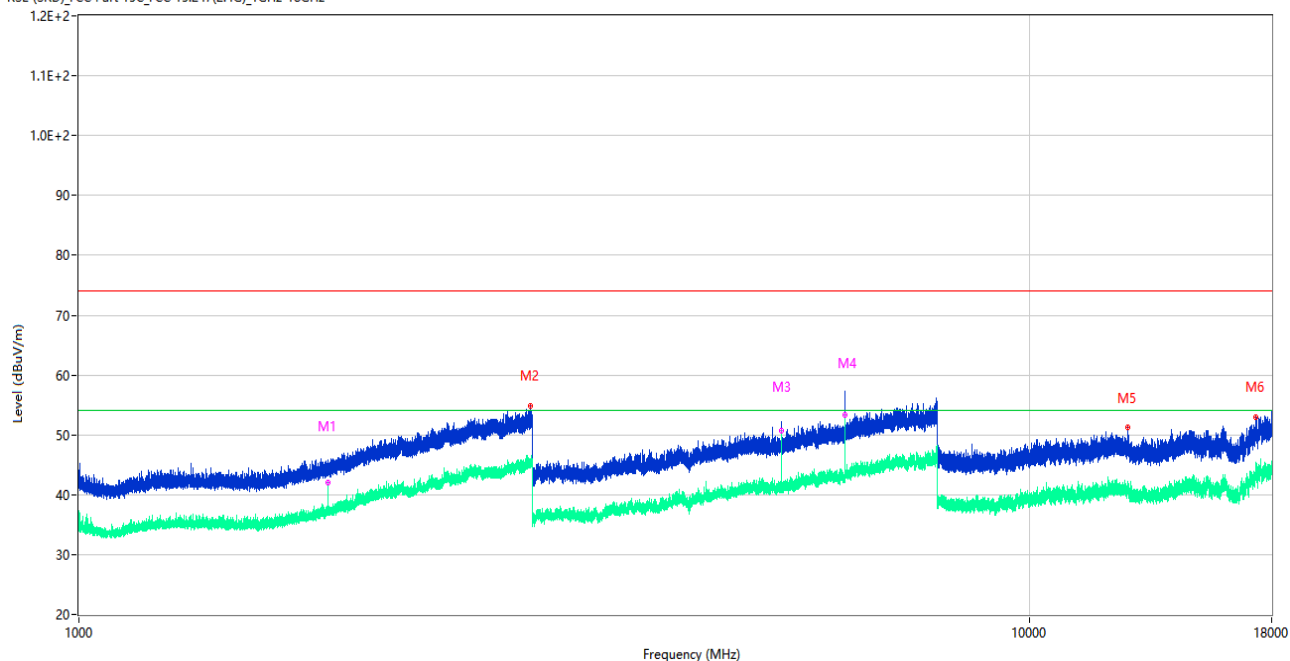
RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1817.200        | 48.75            | 74.0           | 25.25       | Peak     | 115.00         | 300         | Vertical | Pass    |
| 1** | 1817.200        | 48.31            | 54.0           | 5.69        | AV       | 115.00         | 300         | Vertical | Pass    |
| 2   | 2837.400        | 53.71            | 74.0           | 20.29       | Peak     | 76.00          | 200         | Vertical | Pass    |
| 2** | 2837.400        | 44.05            | 54.0           | 9.95        | AV       | 76.00          | 200         | Vertical | Pass    |
| 3   | 4542.750        | 50.56            | 74.0           | 23.44       | Peak     | 3.00           | 200         | Vertical | Pass    |
| 3** | 4542.750        | 45.72            | 54.0           | 8.28        | AV       | 3.00           | 200         | Vertical | Pass    |
| 4   | 5451.000        | 53.30            | 74.0           | 20.70       | Peak     | 117.00         | 300         | Vertical | Pass    |
| 4** | 5451.000        | 51.31            | 54.0           | 2.69        | AV       | 117.00         | 300         | Vertical | Pass    |
| 5   | 6360.000        | 60.44            | 74.0           | 13.56       | Peak     | 148.00         | 400         | Vertical | Pass    |
| 5** | 6360.000        | 57.22            | --             | --          | AV       | 148.00         | 400         | Vertical | Pass    |
| 6   | 17348.213       | 53.11            | 74.0           | 20.89       | Peak     | 2.00           | 300         | Vertical | Pass    |
| 6** | 17348.213       | 44.23            | 54.0           | 9.77        | AV       | 2.00           | 300         | Vertical | Pass    |

## HIGH CHANNEL 1 GHz to 18 GHz, ANT H

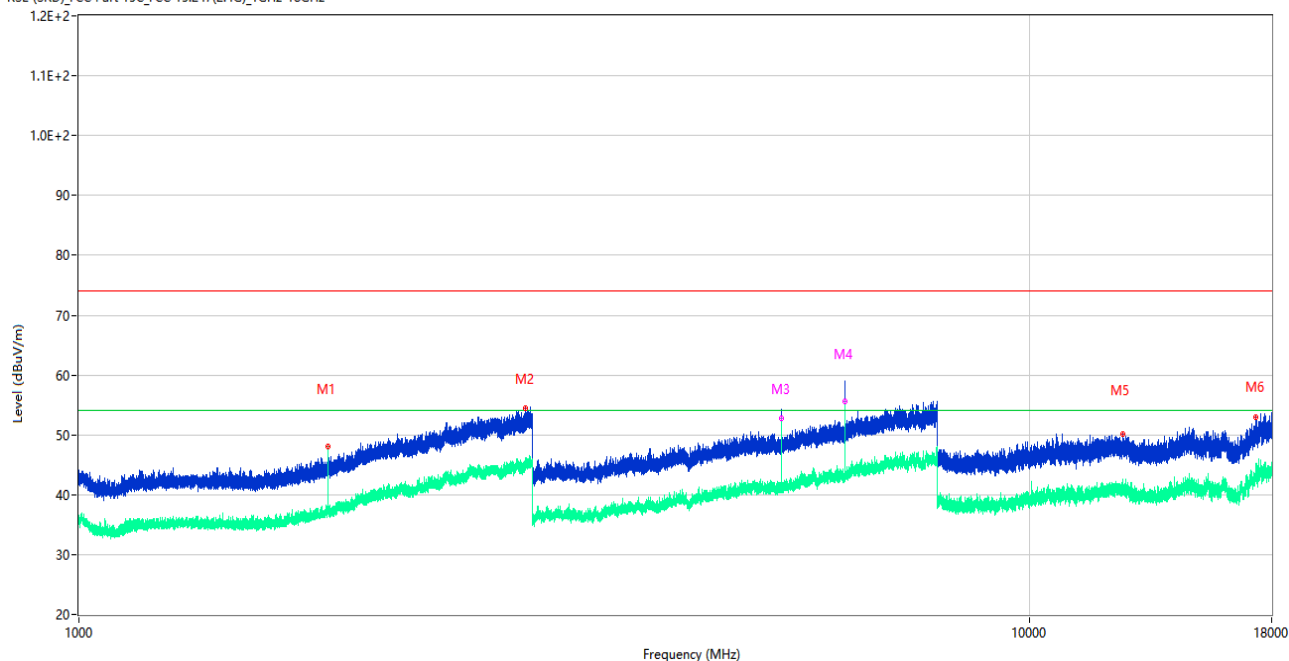
RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1829.900        | 44.67            | 74.0           | 29.33       | Peak     | 214.00         | 400         | Horizontal | Pass    |
| 1** | 1829.900        | 42.88            | 54.0           | 11.12       | AV       | 214.00         | 400         | Horizontal | Pass    |
| 2   | 2987.700        | 54.90            | 74.0           | 19.10       | Peak     | 70.00          | 300         | Horizontal | Pass    |
| 2** | 2987.700        | 45.92            | 54.0           | 8.08        | AV       | 70.00          | 300         | Horizontal | Pass    |
| 3   | 5489.250        | 52.79            | 74.0           | 21.21       | Peak     | 220.00         | 200         | Horizontal | Pass    |
| 3** | 5489.250        | 51.12            | --             | --          | AV       | 220.00         | 200         | Horizontal | N/A     |
| 4   | 6404.500        | 57.25            | 74.0           | 16.75       | Peak     | 292.00         | 300         | Horizontal | Pass    |
| 4** | 6404.500        | 53.38            | --             | --          | AV       | 292.00         | 300         | Horizontal | N/A     |
| 5   | 12713.425       | 51.21            | 74.0           | 22.79       | Peak     | 157.00         | 100         | Horizontal | Pass    |
| 5** | 12713.425       | 40.97            | 54.0           | 13.03       | AV       | 157.00         | 100         | Horizontal | Pass    |
| 6   | 17338.239       | 53.01            | 74.0           | 20.99       | Peak     | 40.00          | 300         | Horizontal | Pass    |
| 6** | 17338.239       | 43.98            | 54.0           | 10.02       | AV       | 40.00          | 300         | Horizontal | Pass    |

## HIGH CHANNEL 1 GHz to 18 GHz, ANT V

RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz

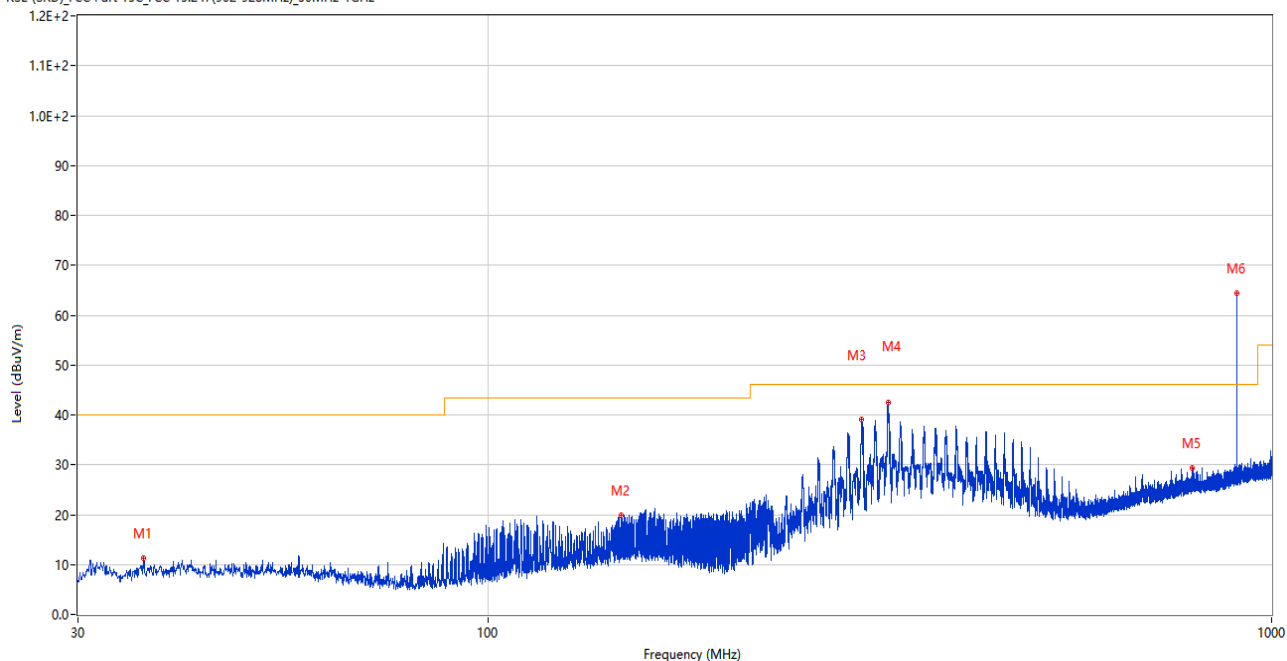


| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1829.800        | 48.08            | 74.0           | 25.92       | Peak     | 114.00         | 100         | Vertical | Pass    |
| 1** | 1829.800        | 47.91            | 54.0           | 6.09        | AV       | 114.00         | 100         | Vertical | Pass    |
| 2   | 2949.100        | 54.40            | 74.0           | 19.60       | Peak     | 182.00         | 300         | Vertical | Pass    |
| 2** | 2949.100        | 44.54            | 54.0           | 9.46        | AV       | 182.00         | 300         | Vertical | Pass    |
| 3   | 5489.750        | 54.10            | 74.0           | 19.90       | Peak     | 212.00         | 200         | Vertical | Pass    |
| 3** | 5489.750        | 52.75            | --             | --          | AV       | 212.00         | 200         | Vertical | N/A     |
| 4   | 6404.750        | 58.60            | 74.0           | 15.40       | Peak     | 0.00           | 200         | Vertical | Pass    |
| 4** | 6404.750        | 55.60            | --             | --          | AV       | 0.00           | 200         | Vertical | N/A     |
| 5   | 12558.576       | 50.19            | 74.0           | 23.81       | Peak     | 39.00          | 200         | Vertical | Pass    |
| 5** | 12558.576       | 40.81            | 54.0           | 13.19       | AV       | 39.00          | 200         | Vertical | Pass    |
| 6   | 17340.862       | 52.96            | 74.0           | 21.04       | Peak     | 143.00         | 100         | Vertical | Pass    |
| 6** | 17340.862       | 44.32            | 54.0           | 9.68        | AV       | 143.00         | 100         | Vertical | Pass    |

## Spring Antenna 1 (DOG-617)

## LOW CHANNEL, 30 MHz to 1 GHz, ANT H

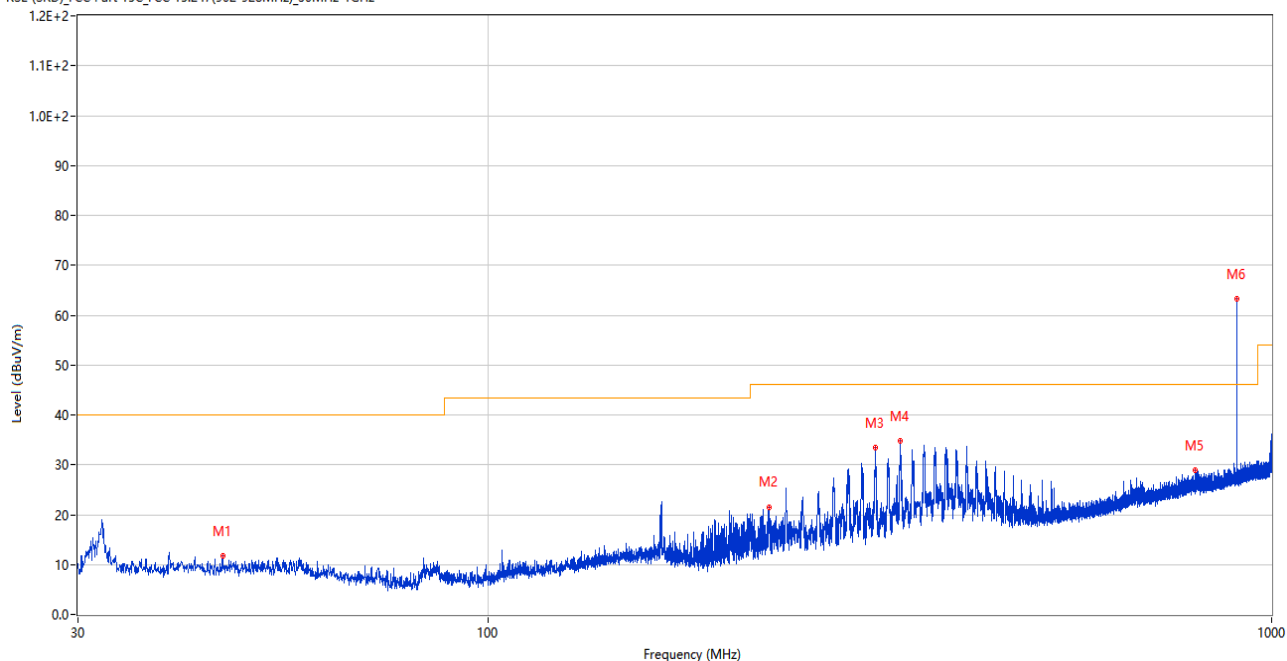
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 36.402          | 11.30            | 40.0           | 28.70       | Peak     | 156.00         | 150         | Horizontal | Pass    |
| 2   | 148.000         | 19.96            | 43.5           | 23.54       | Peak     | 179.00         | 150         | Horizontal | Pass    |
| 3   | 300.097         | 39.13            | 46.0           | 6.87        | Peak     | 186.00         | 150         | Horizontal | Pass    |
| 4   | 323.910         | 42.38            | 46.0           | 3.62        | Peak     | 183.00         | 150         | Horizontal | Pass    |
| 5   | 792.226         | 29.32            | 46.0           | 16.68       | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 6   | 902.321         | 64.27            | 46.0           | -18.27      | Peak     | 62.00          | 150         | Horizontal | N/A     |

# LOW CHANNEL, 30 MHz to 1 GHz, ANT V

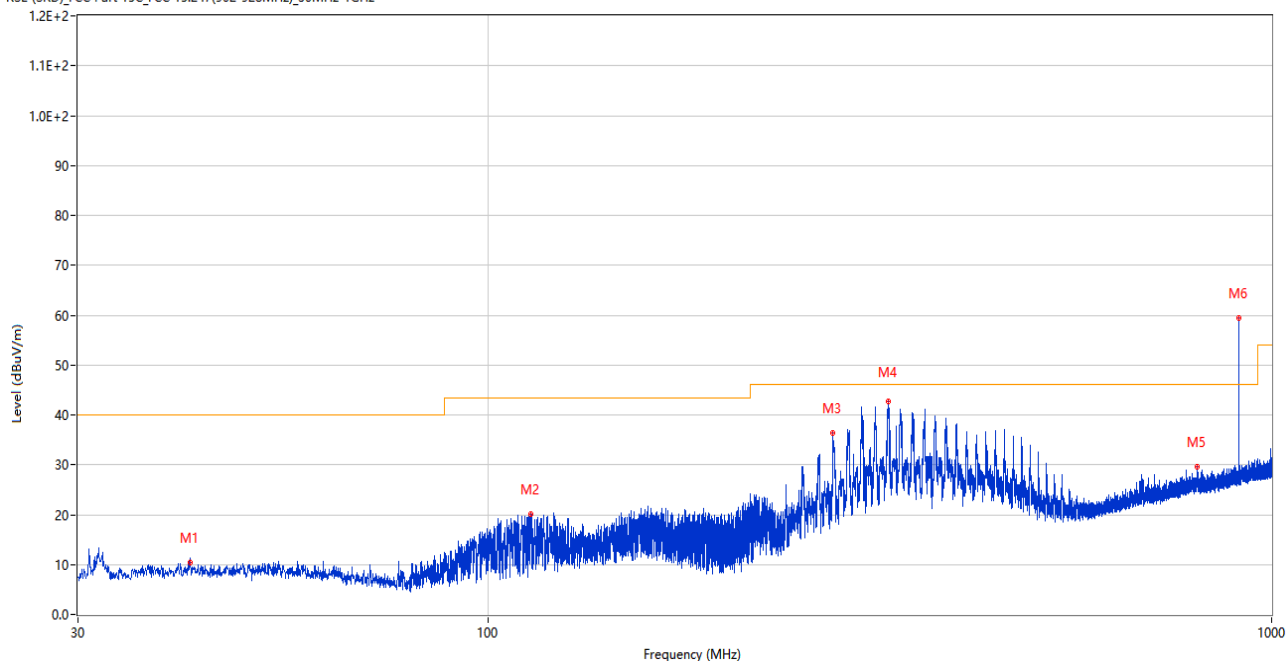
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 45.908          | 11.83            | 40.0           | 28.17       | Peak     | 3.00           | 150         | Vertical | Pass    |
| 2   | 228.316         | 21.57            | 46.0           | 24.43       | Peak     | 138.00         | 150         | Vertical | Pass    |
| 3   | 311.979         | 33.45            | 46.0           | 12.55       | Peak     | 80.00          | 150         | Vertical | Pass    |
| 4   | 335.890         | 34.88            | 46.0           | 11.12       | Peak     | 112.00         | 150         | Vertical | Pass    |
| 5   | 798.725         | 29.00            | 46.0           | 17.00       | Peak     | 233.00         | 150         | Vertical | Pass    |
| 6   | 902.321         | 63.37            | 46.0           | -17.37      | Peak     | 215.00         | 150         | Vertical | N/A     |

## MIDDLE CHANNEL, 30 MHz to 1 GHz, ANT H

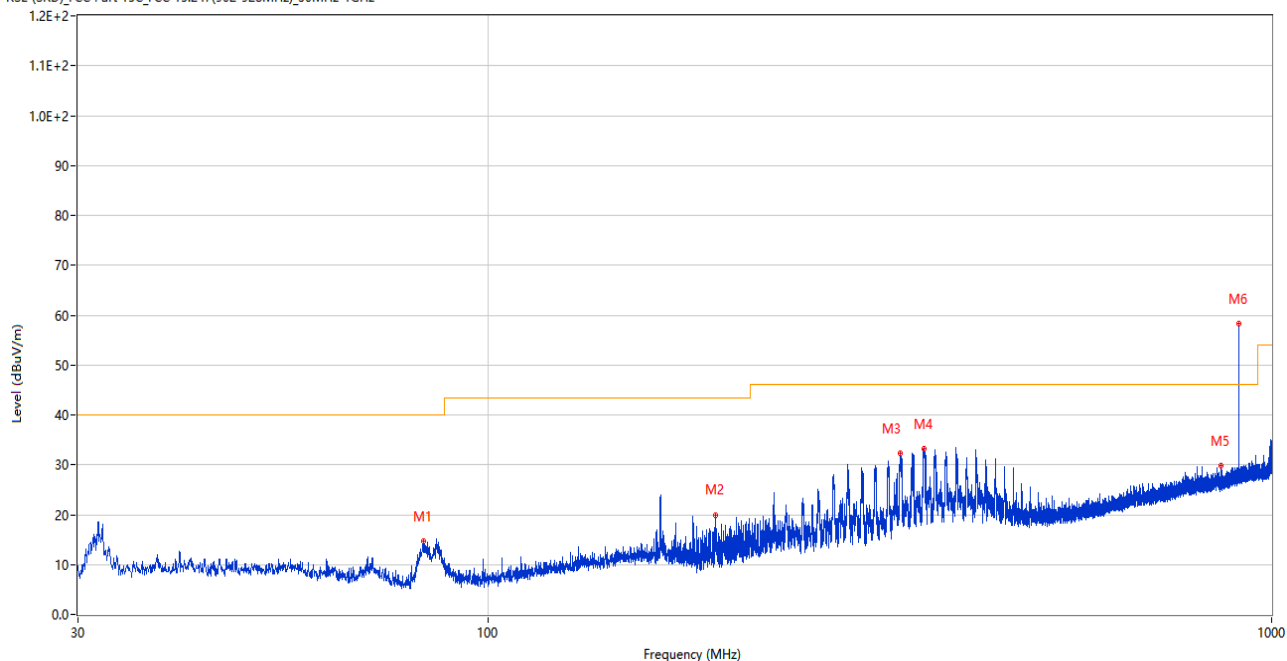
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 41.737          | 10.33            | 40.0           | 29.67       | Peak     | 313.00         | 150         | Horizontal | Pass    |
| 2   | 113.565         | 20.13            | 43.5           | 23.37       | Peak     | 42.00          | 150         | Horizontal | Pass    |
| 3   | 275.798         | 36.44            | 46.0           | 9.56        | Peak     | 75.00          | 150         | Horizontal | Pass    |
| 4   | 324.056         | 42.65            | 46.0           | 3.35        | Peak     | 183.00         | 150         | Horizontal | Pass    |
| 5   | 803.623         | 29.69            | 46.0           | 16.31       | Peak     | 359.00         | 150         | Horizontal | Pass    |
| 6   | 908.481         | 59.57            | 46.0           | -13.57      | Peak     | 134.00         | 150         | Horizontal | N/A     |

## MIDDLE CHANNEL, 30 MHz to 1 GHz, ANT V

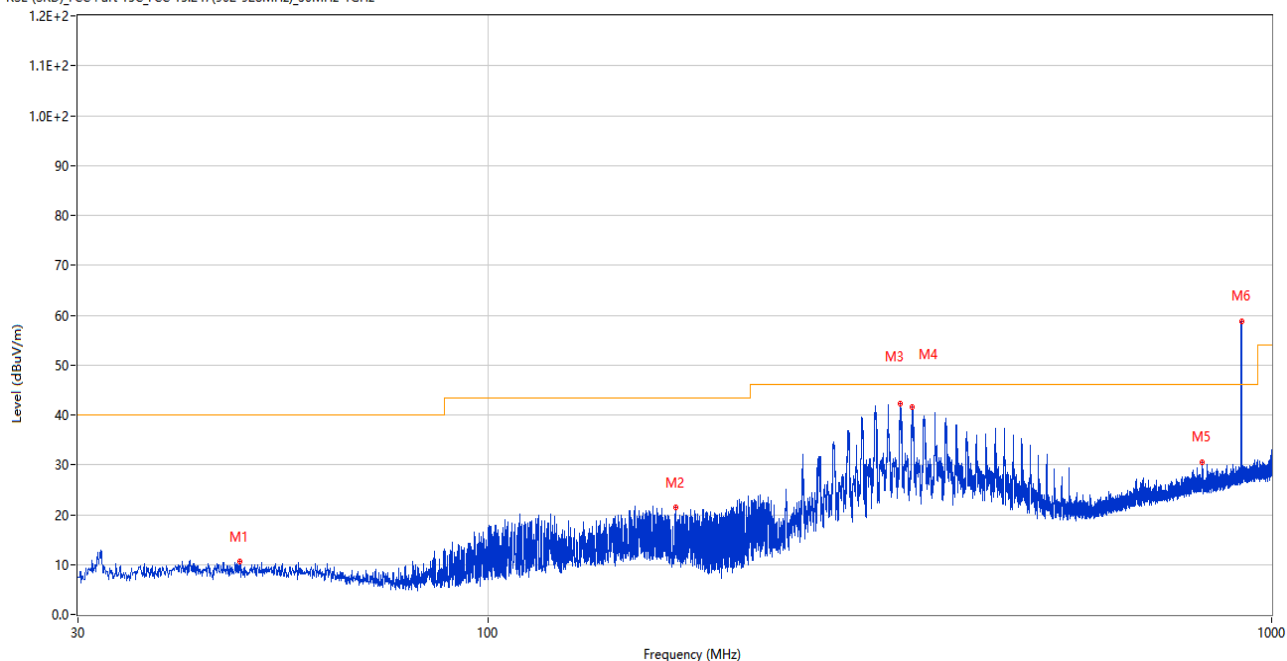
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 82.719          | 14.74            | 40.0           | 25.26       | Peak     | 263.00         | 150         | Vertical | Pass    |
| 2   | 194.997         | 19.98            | 43.5           | 23.52       | Peak     | 10.00          | 150         | Vertical | Pass    |
| 3   | 336.035         | 32.37            | 46.0           | 13.63       | Peak     | 163.00         | 150         | Vertical | Pass    |
| 4   | 359.946         | 33.26            | 46.0           | 12.74       | Peak     | 133.00         | 150         | Vertical | Pass    |
| 5   | 860.951         | 29.89            | 46.0           | 16.11       | Peak     | 112.00         | 150         | Vertical | Pass    |
| 6   | 908.529         | 58.31            | 46.0           | -12.31      | Peak     | 212.00         | 150         | Vertical | N/A     |

## HIGH CHANNEL, 30 MHz to 1 GHz, ANT H

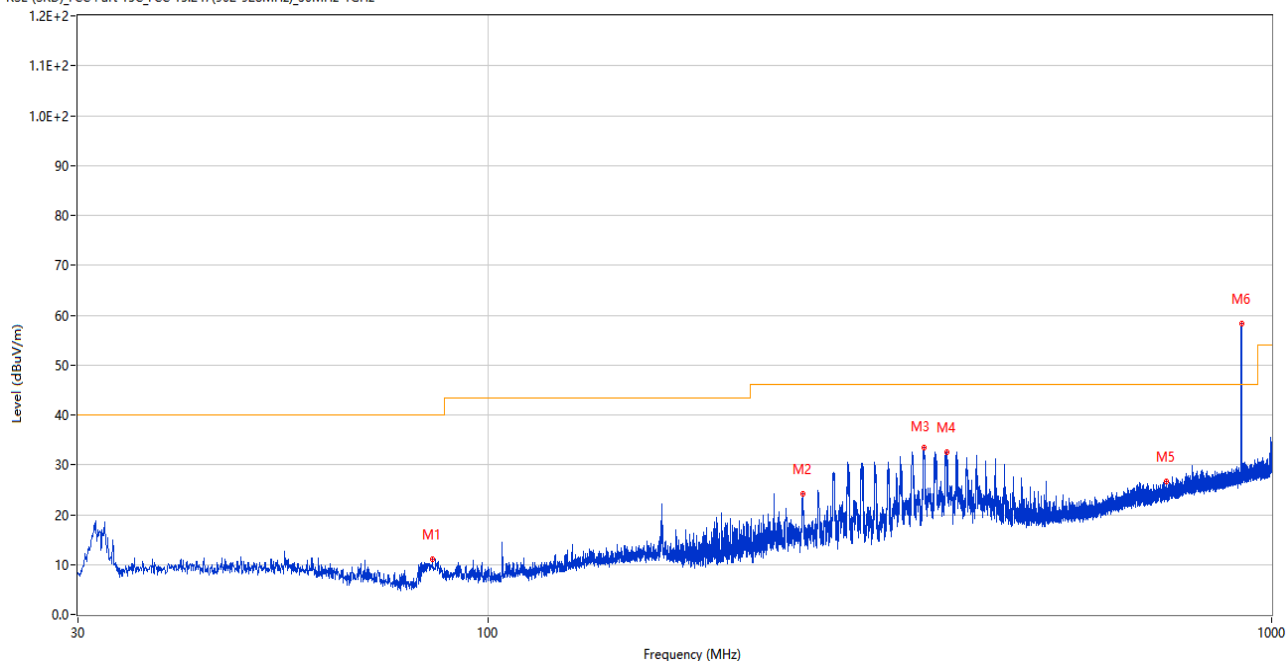
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 48.333          | 10.55            | 40.0           | 29.45       | Peak     | 233.00         | 150         | Horizontal | Pass    |
| 2   | 173.512         | 21.45            | 43.5           | 22.05       | Peak     | 197.00         | 150         | Horizontal | Pass    |
| 3   | 336.083         | 42.17            | 46.0           | 3.83        | Peak     | 182.00         | 150         | Horizontal | Pass    |
| 4   | 348.209         | 41.50            | 46.0           | 4.50        | Peak     | 187.00         | 150         | Horizontal | Pass    |
| 5   | 816.330         | 30.42            | 46.0           | 15.58       | Peak     | 357.00         | 150         | Horizontal | Pass    |
| 6   | 914.882         | 58.72            | 46.0           | -12.72      | Peak     | 132.00         | 150         | Horizontal | N/A     |

## HIGH CHANNEL, 30 MHz to 1 GHz, ANT V

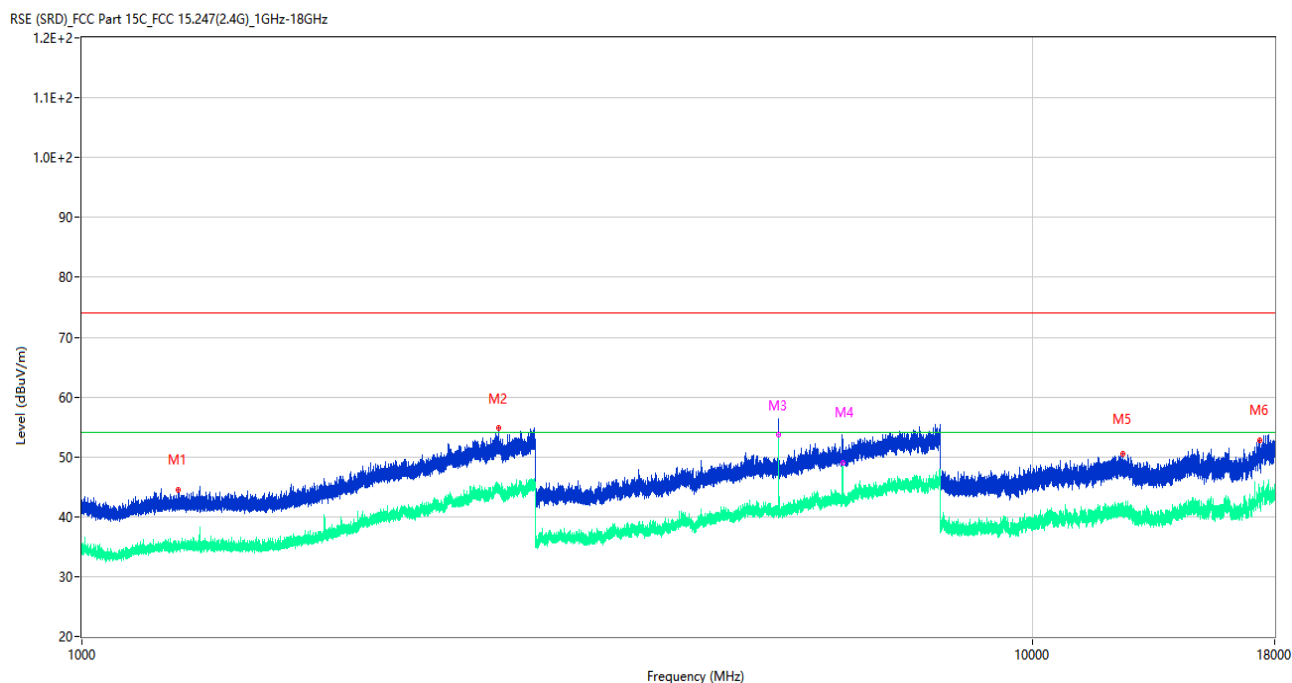
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 84.951          | 11.08            | 40.0           | 28.92       | Peak     | 256.00         | 150         | Vertical | Pass    |
| 2   | 251.984         | 24.22            | 46.0           | 21.78       | Peak     | 360.00         | 150         | Vertical | Pass    |
| 3   | 360.091         | 33.43            | 46.0           | 12.57       | Peak     | 142.00         | 150         | Vertical | Pass    |
| 4   | 384.681         | 32.57            | 46.0           | 13.43       | Peak     | 112.00         | 150         | Vertical | Pass    |
| 5   | 734.123         | 26.72            | 46.0           | 19.28       | Peak     | 360.00         | 150         | Vertical | Pass    |
| 6   | 914.931         | 58.31            | 46.0           | -12.31      | Peak     | 208.00         | 150         | Vertical | N/A     |

Note: The spurious from 18GHz-25GHz is noise only, do not show on the report.

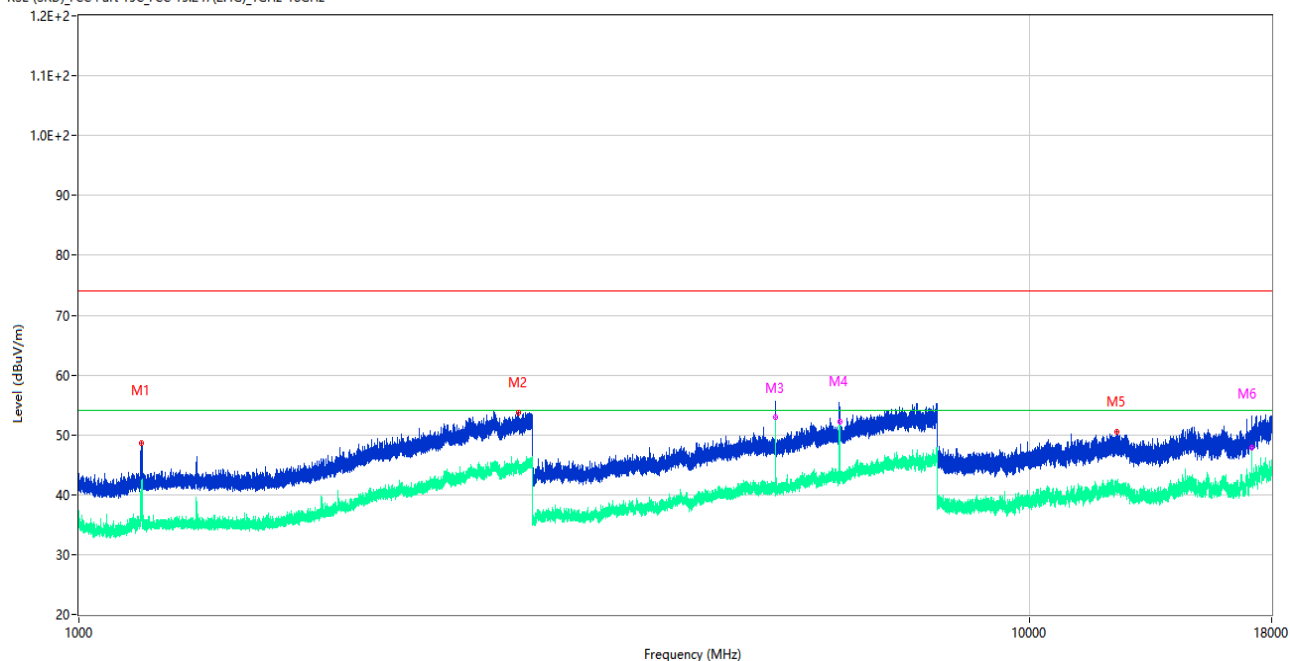
### LOW CHANNEL 1 GHz to 18 GHz, ANT H



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1262.100        | 44.54            | 74.0           | 29.46       | Peak     | 38.00          | 200         | Horizontal | Pass    |
| 1** | 1262.100        | 35.52            | 54.0           | 18.48       | AV       | 38.00          | 200         | Horizontal | Pass    |
| 2   | 2742.300        | 54.79            | 74.0           | 19.21       | Peak     | 44.00          | 400         | Horizontal | Pass    |
| 2** | 2742.300        | 44.90            | 54.0           | 9.10        | AV       | 44.00          | 400         | Horizontal | Pass    |
| 3   | 5414.250        | 55.11            | 74.0           | 18.89       | Peak     | 219.00         | 200         | Horizontal | Pass    |
| 3** | 5414.250        | 53.63            | 54.0           | 0.37        | AV       | 219.00         | 200         | Horizontal | Pass    |
| 4   | 6316.500        | 52.54            | 74.0           | 21.46       | Peak     | 261.00         | 200         | Horizontal | Pass    |
| 4** | 6316.500        | 48.73            | --             | --          | AV       | 261.00         | 200         | Horizontal | N/A     |
| 5   | 12455.262       | 50.44            | 74.0           | 23.56       | Peak     | 253.00         | 400         | Horizontal | Pass    |
| 5** | 12455.262       | 41.32            | 54.0           | 12.68       | AV       | 253.00         | 400         | Horizontal | Pass    |
| 6   | 17350.574       | 52.86            | 74.0           | 21.14       | Peak     | 230.00         | 400         | Horizontal | Pass    |
| 6** | 17350.574       | 43.88            | 54.0           | 10.12       | AV       | 230.00         | 400         | Horizontal | Pass    |

# LOW CHANNEL 1 GHz to 18 GHz, ANT V

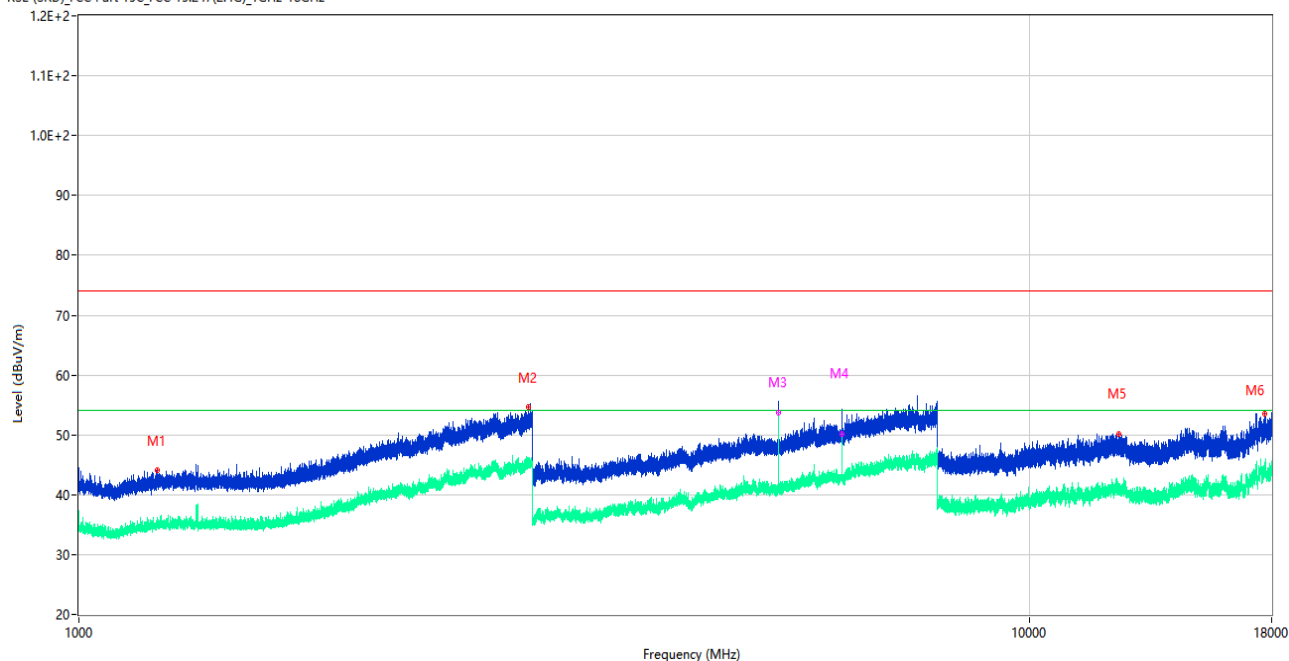
RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1162.900        | 48.54            | 74.0           | 25.46       | Peak     | 42.00          | 400         | Vertical | Pass    |
| 1** | 1162.900        | 36.01            | 54.0           | 17.99       | AV       | 42.00          | 400         | Vertical | Pass    |
| 2   | 2904.000        | 53.75            | 74.0           | 20.25       | Peak     | 245.00         | 200         | Vertical | Pass    |
| 2** | 2904.000        | 44.29            | 54.0           | 9.71        | AV       | 245.00         | 200         | Vertical | Pass    |
| 3   | 5414.250        | 55.03            | 74.0           | 18.97       | Peak     | 130.00         | 100         | Vertical | Pass    |
| 3** | 5414.250        | 52.98            | 54.0           | 1.02        | AV       | 130.00         | 100         | Vertical | Pass    |
| 4   | 6316.500        | 54.71            | 74.0           | 19.29       | Peak     | 274.00         | 100         | Vertical | Pass    |
| 4** | 6316.500        | 52.17            | --             | --          | AV       | 274.00         | 100         | Vertical | N/A     |
| 5   | 12372.375       | 50.59            | 74.0           | 23.41       | Peak     | 358.00         | 100         | Vertical | Pass    |
| 5** | 12372.375       | 41.15            | 54.0           | 12.85       | AV       | 358.00         | 100         | Vertical | Pass    |
| 6   | 17144.511       | 52.12            | 74.0           | 21.88       | Peak     | 62.00          | 400         | Vertical | Pass    |
| 6** | 17144.511       | 48.21            | 54.0           | 5.79        | AV       | 62.00          | 400         | Vertical | Pass    |

## MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

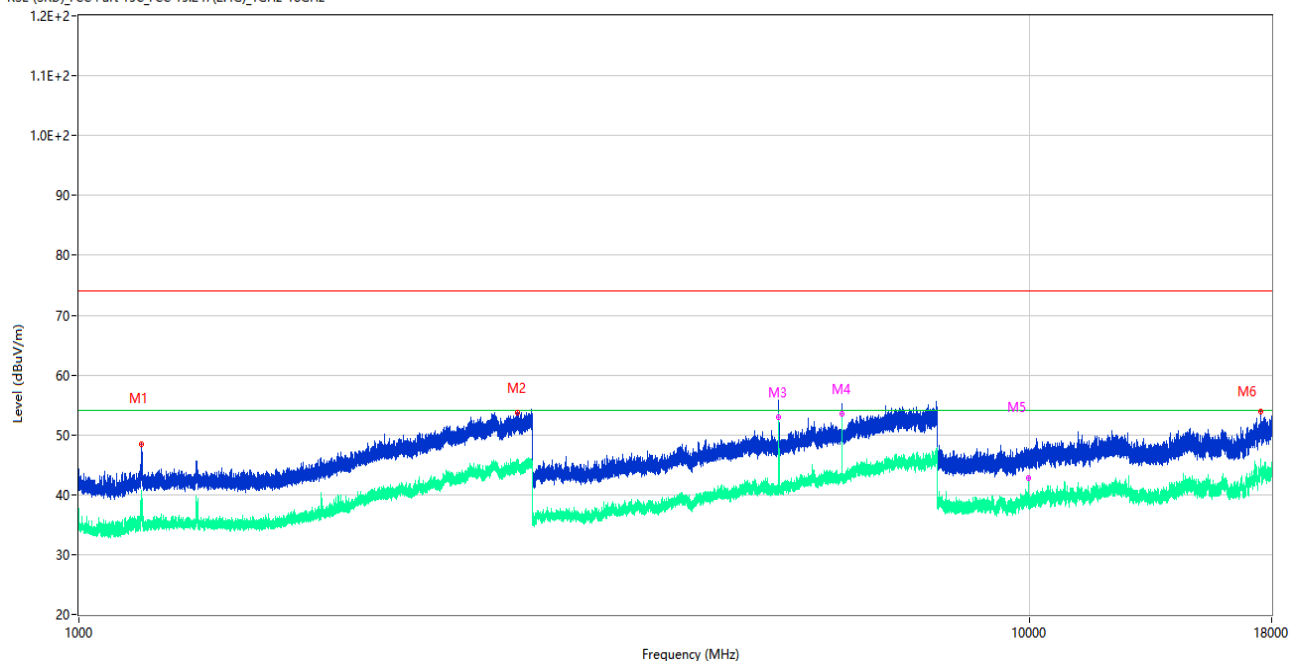
RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1208.500        | 44.04            | 74.0           | 29.96       | Peak     | 35.00          | 400         | Horizontal | Pass    |
| 1** | 1208.500        | 35.64            | 54.0           | 18.36       | AV       | 35.00          | 400         | Horizontal | Pass    |
| 2   | 2969.500        | 54.57            | 74.0           | 19.43       | Peak     | 6.00           | 400         | Horizontal | Pass    |
| 2** | 2969.500        | 45.75            | 54.0           | 8.25        | AV       | 6.00           | 400         | Horizontal | Pass    |
| 3   | 5451.250        | 55.03            | 74.0           | 18.97       | Peak     | 214.00         | 200         | Horizontal | Pass    |
| 3** | 5451.250        | 53.81            | 54.0           | 0.19        | AV       | 214.00         | 200         | Horizontal | Pass    |
| 4   | 6360.250        | 52.57            | 74.0           | 21.43       | Peak     | 264.00         | 200         | Horizontal | Pass    |
| 4** | 6360.250        | 50.02            | --             | --          | AV       | 264.00         | 200         | Horizontal | N/A     |
| 5   | 12426.050       | 50.19            | 74.0           | 23.81       | Peak     | 152.00         | 400         | Horizontal | Pass    |
| 5** | 12426.050       | 41.06            | 54.0           | 12.94       | AV       | 152.00         | 400         | Horizontal | Pass    |
| 6   | 17718.600       | 53.51            | 74.0           | 20.49       | Peak     | 26.00          | 100         | Horizontal | Pass    |
| 6** | 17718.600       | 44.32            | 54.0           | 9.68        | AV       | 26.00          | 100         | Horizontal | Pass    |

## MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

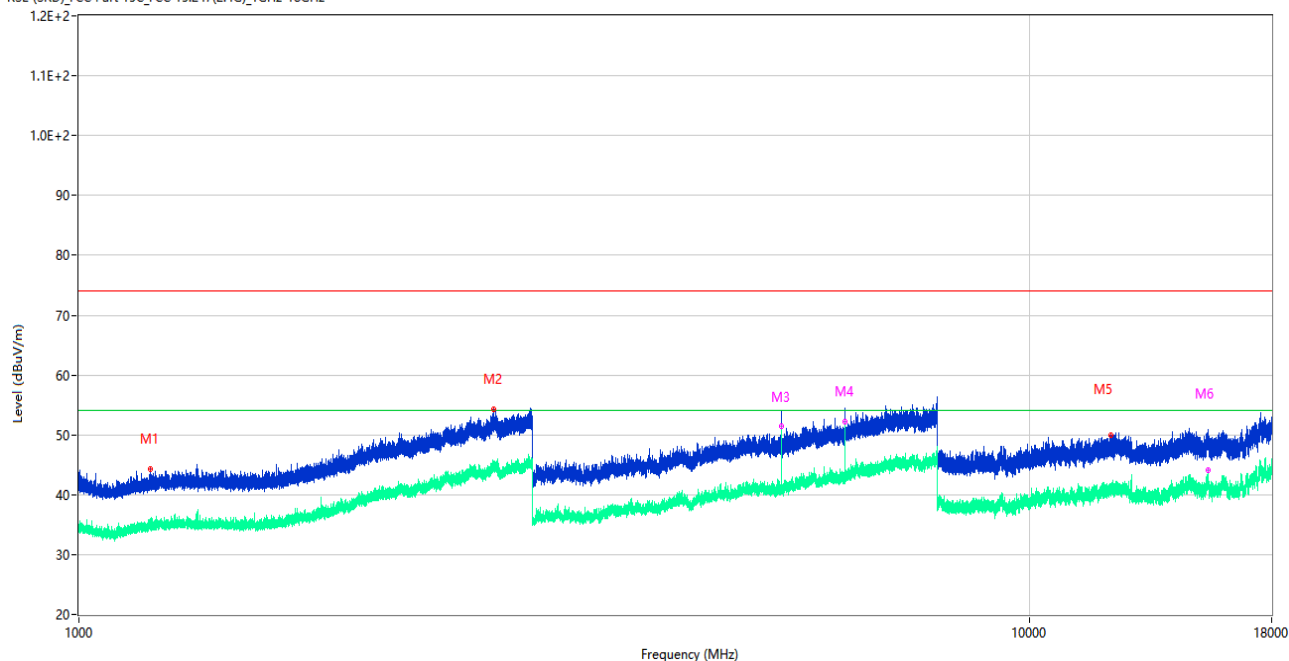
RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1164.500        | 48.51            | 74.0           | 25.49       | Peak     | 44.00          | 200         | Vertical | Pass    |
| 1** | 1164.500        | 40.11            | 54.0           | 13.89       | AV       | 44.00          | 200         | Vertical | Pass    |
| 2   | 2891.300        | 53.77            | 74.0           | 20.23       | Peak     | 178.00         | 200         | Vertical | Pass    |
| 2** | 2891.300        | 44.41            | 54.0           | 9.59        | AV       | 178.00         | 200         | Vertical | Pass    |
| 3   | 5451.500        | 54.78            | 74.0           | 19.22       | Peak     | 274.00         | 100         | Vertical | Pass    |
| 3** | 5451.500        | 53.47            | 54.0           | 0.53        | AV       | 274.00         | 100         | Vertical | Pass    |
| 4   | 6360.000        | 54.62            | 74.0           | 19.38       | Peak     | 274.00         | 400         | Vertical | Pass    |
| 4** | 6360.000        | 53.41            | --             | --          | AV       | 274.00         | 400         | Vertical | N/A     |
| 5   | 9993.338        | 47.55            | 74.0           | 26.45       | Peak     | 42.00          | 100         | Vertical | Pass    |
| 5** | 9993.338        | 42.80            | 54.0           | 11.20       | AV       | 42.00          | 100         | Vertical | Pass    |
| 6   | 17533.536       | 53.94            | 74.0           | 20.06       | Peak     | 114.00         | 400         | Vertical | Pass    |
| 6** | 17533.536       | 45.77            | 54.0           | 8.23        | AV       | 114.00         | 400         | Vertical | Pass    |

## HIGH CHANNEL 1 GHz to 18 GHz, ANT H

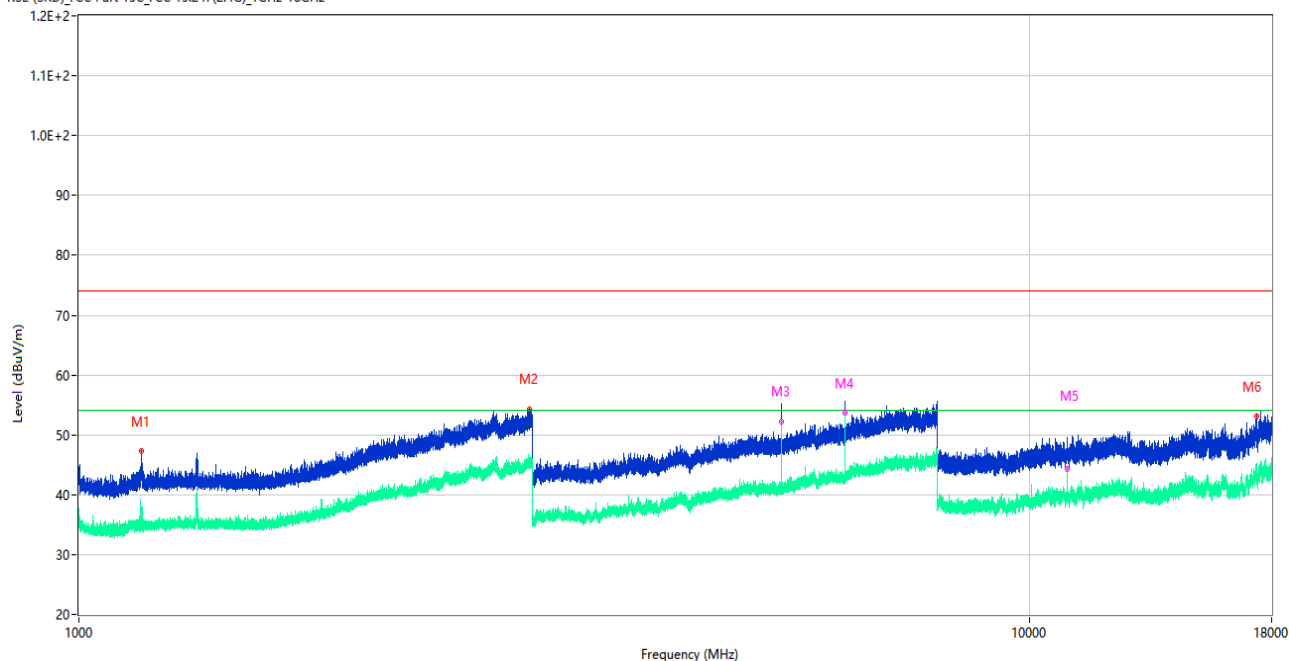
RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1188.500        | 44.24            | 74.0           | 29.76       | Peak     | 0.00           | 300         | Horizontal | Pass    |
| 1** | 1188.500        | 34.96            | 54.0           | 19.04       | AV       | 0.00           | 300         | Horizontal | Pass    |
| 2   | 2732.600        | 54.31            | 74.0           | 19.69       | Peak     | 126.00         | 200         | Horizontal | Pass    |
| 2** | 2732.600        | 44.85            | 54.0           | 9.15        | AV       | 126.00         | 200         | Horizontal | Pass    |
| 3   | 5489.750        | 53.74            | 74.0           | 20.26       | Peak     | 202.00         | 100         | Horizontal | Pass    |
| 3** | 5489.750        | 51.27            | --             | --          | AV       | 202.00         | 100         | Horizontal | N/A     |
| 4   | 6405.000        | 54.01            | 74.0           | 19.99       | Peak     | 254.00         | 400         | Horizontal | Pass    |
| 4** | 6405.000        | 52.14            | --             | --          | AV       | 254.00         | 400         | Horizontal | N/A     |
| 5   | 12189.500       | 49.86            | 74.0           | 24.14       | Peak     | 350.00         | 100         | Horizontal | Pass    |
| 5** | 12189.500       | 40.27            | 54.0           | 13.73       | AV       | 350.00         | 100         | Horizontal | Pass    |
| 6   | 15435.112       | 49.12            | 74.0           | 24.88       | Peak     | 295.00         | 300         | Horizontal | Pass    |
| 6** | 15435.112       | 44.07            | 54.0           | 9.93        | AV       | 295.00         | 300         | Horizontal | Pass    |

## HIGH CHANNEL 1 GHz to 18 GHz, ANT V

RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz

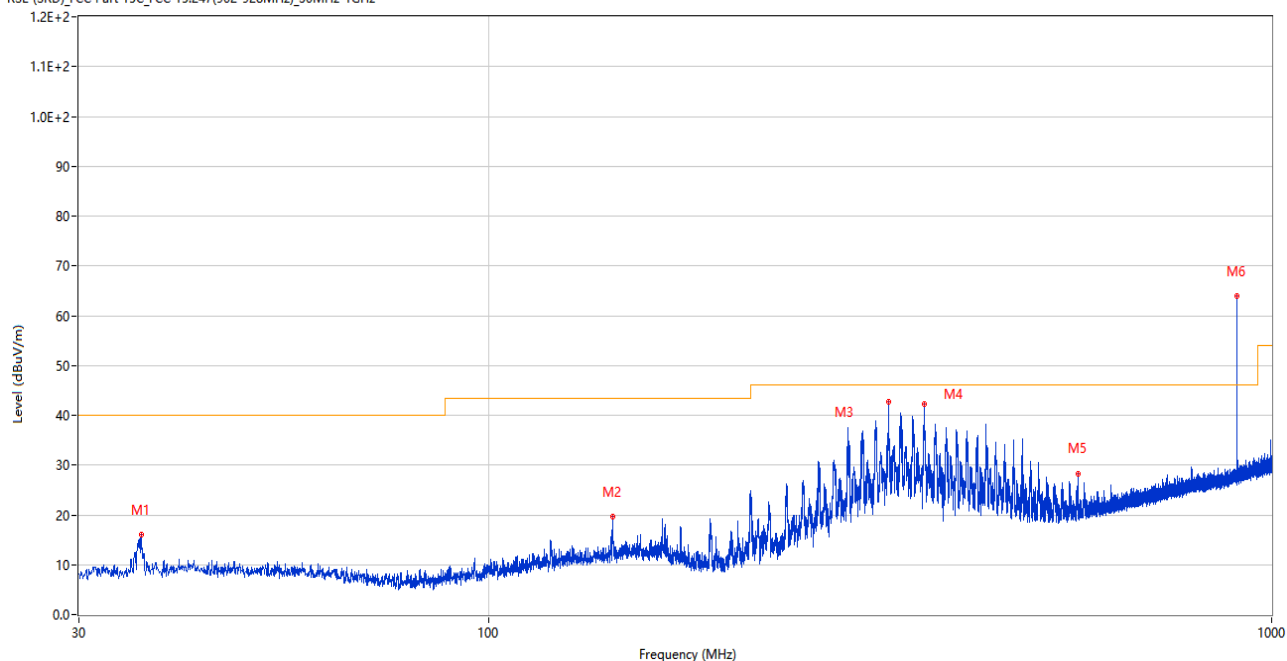


| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1164.000        | 47.21            | 74.0           | 26.79       | Peak     | 230.00         | 200         | Vertical | Pass    |
| 1** | 1164.000        | 39.03            | 54.0           | 14.97       | AV       | 230.00         | 200         | Vertical | Pass    |
| 2   | 2982.400        | 54.33            | 74.0           | 19.67       | Peak     | 346.00         | 200         | Vertical | Pass    |
| 2** | 2982.400        | 45.37            | 54.0           | 8.63        | AV       | 346.00         | 200         | Vertical | Pass    |
| 3   | 5489.500        | 54.21            | 74.0           | 19.79       | Peak     | 284.00         | 100         | Vertical | Pass    |
| 3** | 5489.500        | 52.11            | --             | --          | AV       | 284.00         | 100         | Vertical | N/A     |
| 4   | 6404.500        | 51.12            | 74.0           | 22.88       | Peak     | 284.00         | 300         | Vertical | Pass    |
| 4** | 6404.500        | 53.82            | --             | --          | AV       | 284.00         | 300         | Vertical | N/A     |
| 5   | 10978.487       | 49.17            | 74.0           | 24.83       | Peak     | 301.00         | 100         | Vertical | Pass    |
| 5** | 10978.487       | 44.79            | 54.0           | 9.21        | AV       | 301.00         | 100         | Vertical | Pass    |
| 6   | 17359.499       | 53.12            | 74.0           | 20.88       | Peak     | 176.00         | 200         | Vertical | Pass    |
| 6** | 17359.499       | 43.34            | 54.0           | 10.66       | AV       | 176.00         | 200         | Vertical | Pass    |

### Spring Antenna 2 (DOG-622)

#### LOW CHANNEL, 30 MHz to 1 GHz, ANT H

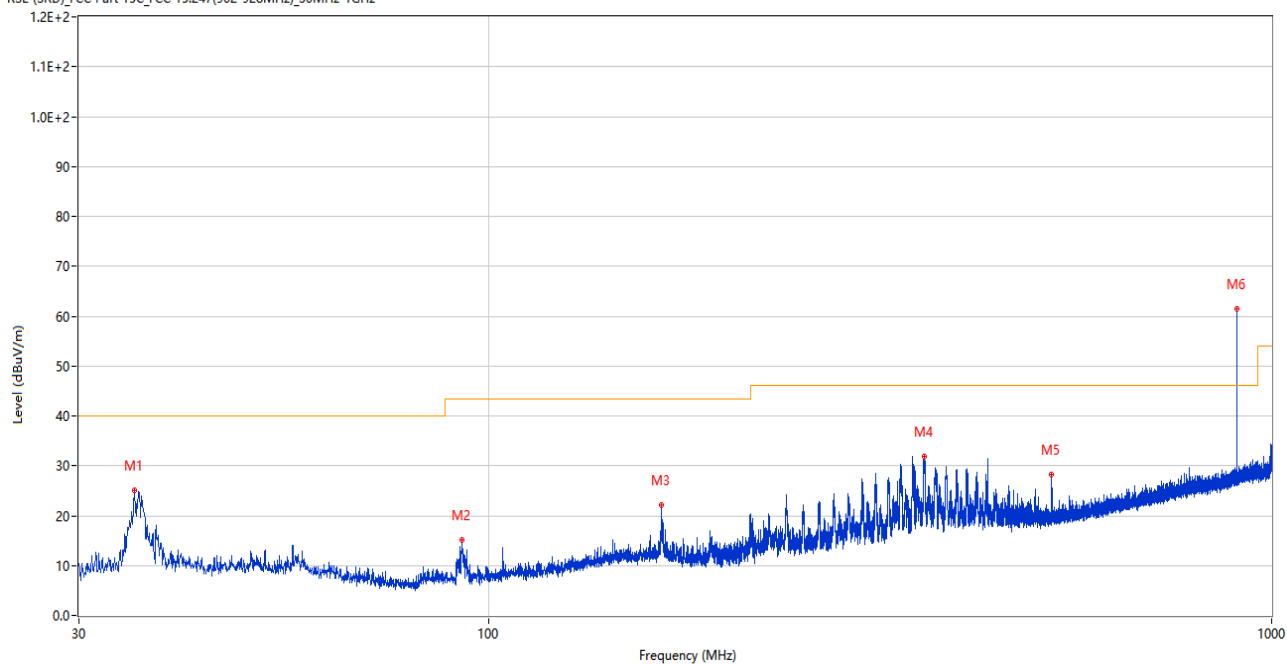
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 36.014          | 15.97            | 40.0           | 24.03       | Peak     | 320.00         | 150         | Horizontal | Pass    |
| 2   | 143.975         | 19.67            | 43.5           | 23.83       | Peak     | 230.00         | 150         | Horizontal | Pass    |
| 3   | 324.104         | 42.62            | 46.0           | 3.38        | Peak     | 201.00         | 150         | Horizontal | Pass    |
| 4   | 359.994         | 42.28            | 46.0           | 3.72        | Peak     | 194.00         | 150         | Horizontal | Pass    |
| 5   | 566.119         | 28.34            | 46.0           | 17.66       | Peak     | 241.00         | 150         | Horizontal | Pass    |
| 6   | 902.370         | 64.02            | 46.0           | -18.02      | Peak     | 83.00          | 150         | Horizontal | N/A     |

# LOW CHANNEL, 30 MHz to 1 GHz, ANT V

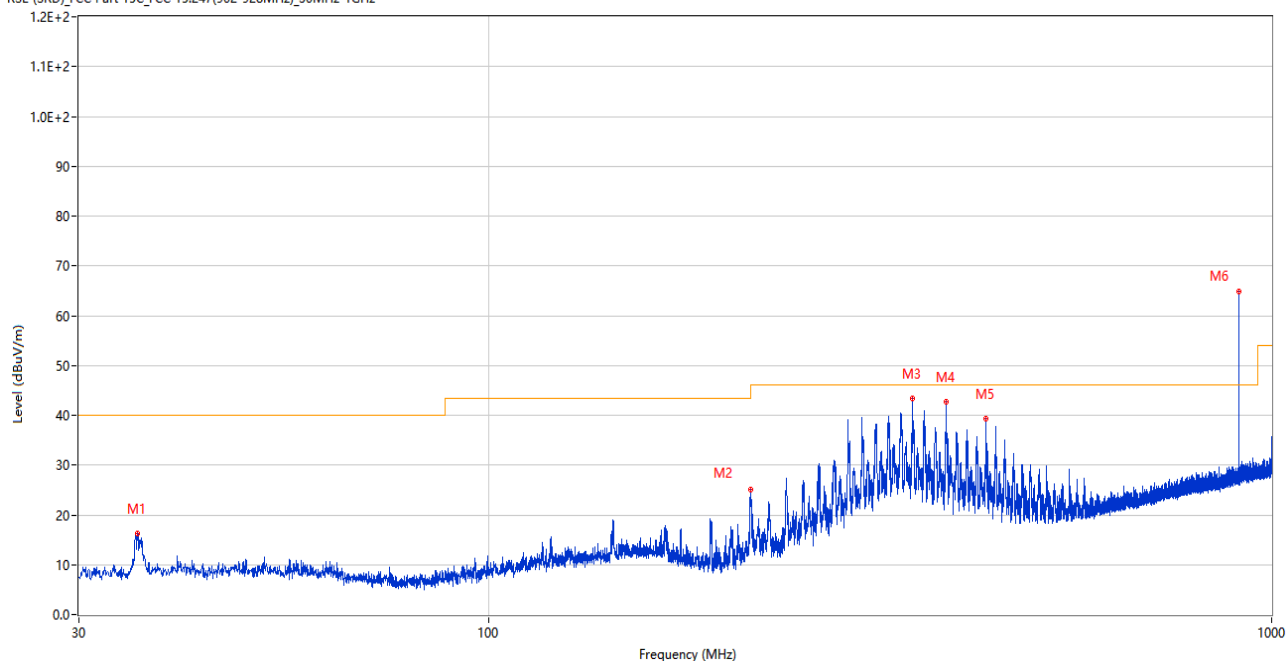
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 35.335          | 25.14            | 40.0           | 14.86       | Peak     | 44.00          | 150         | Vertical | Pass    |
| 2   | 92.565          | 15.21            | 43.5           | 28.29       | Peak     | 199.00         | 150         | Vertical | Pass    |
| 3   | 166.382         | 22.13            | 43.5           | 21.37       | Peak     | 220.00         | 150         | Vertical | Pass    |
| 4   | 360.091         | 31.80            | 46.0           | 14.20       | Peak     | 130.00         | 150         | Vertical | Pass    |
| 5   | 523.972         | 28.15            | 46.0           | 17.85       | Peak     | 346.00         | 150         | Vertical | Pass    |
| 6   | 902.370         | 61.55            | 46.0           | -15.55      | Peak     | 140.00         | 150         | Vertical | N/A     |

## MIDDLE CHANNEL, 30 MHz to 1 GHz, ANT H

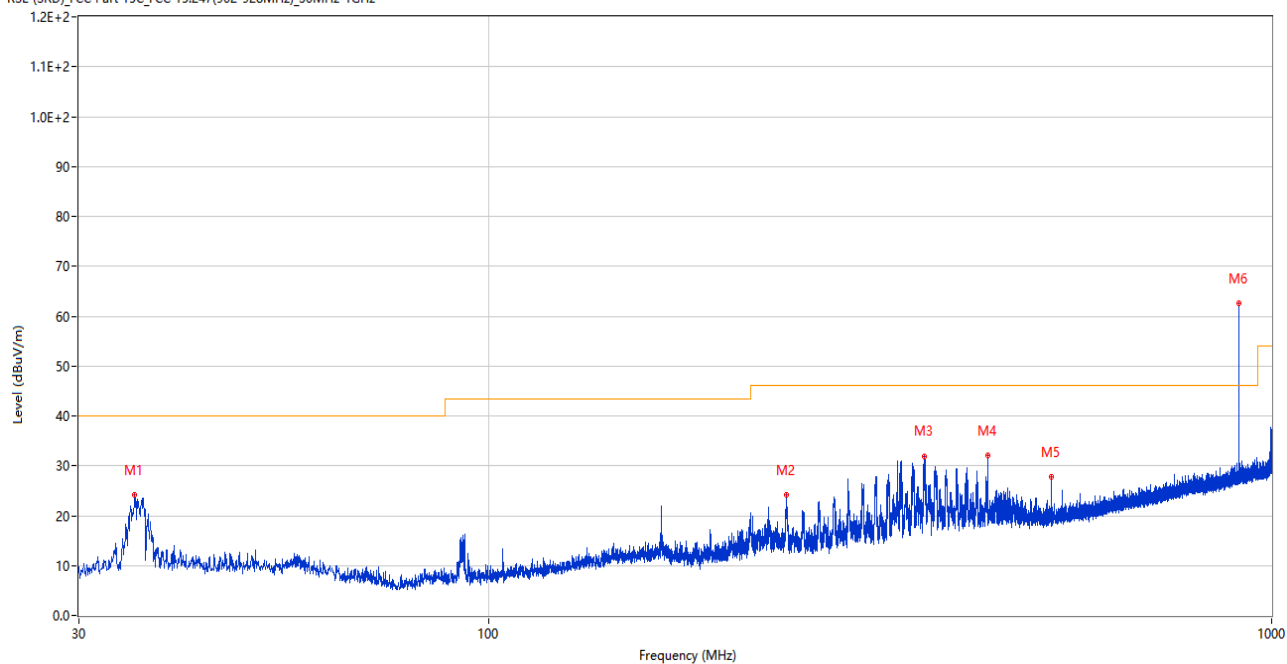
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 35.675          | 16.34            | 40.0           | 23.66       | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 2   | 216.192         | 25.18            | 46.0           | 20.82       | Peak     | 207.00         | 150         | Horizontal | Pass    |
| 3   | 348.257         | 43.43            | 46.0           | 2.57        | Peak     | 70.00          | 150         | Horizontal | Pass    |
| 4   | 384.438         | 42.74            | 46.0           | 3.26        | Peak     | 192.00         | 150         | Horizontal | Pass    |
| 5   | 432.017         | 39.28            | 46.0           | 6.72        | Peak     | 93.00          | 150         | Horizontal | Pass    |
| 6   | 908.529         | 64.95            | 46.0           | -18.95      | Peak     | 81.00          | 150         | Horizontal | N/A     |

## MIDDLE CHANNEL, 30 MHz to 1 GHz, ANT V

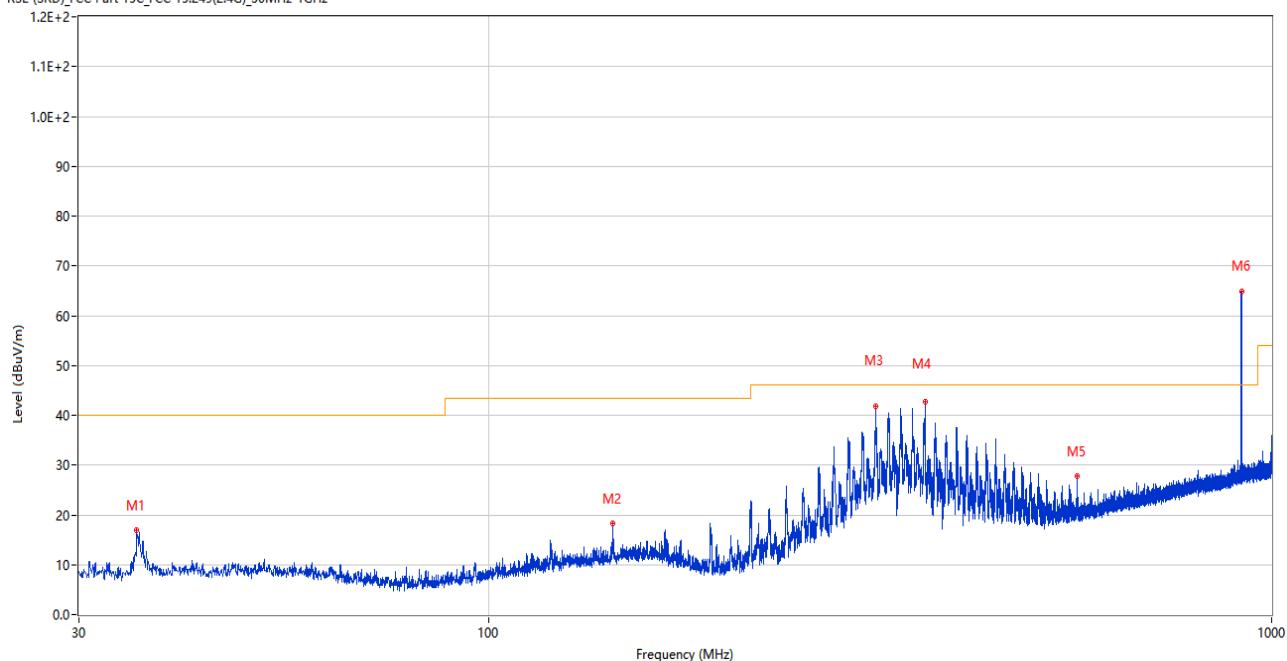
RSE (SRD)\_FCC Part 15C\_FCC 15.247(902-928MHz)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 35.335          | 24.26            | 40.0           | 15.74       | Peak     | 240.00         | 150         | Vertical | Pass    |
| 2   | 239.956         | 24.13            | 46.0           | 21.87       | Peak     | 132.00         | 150         | Vertical | Pass    |
| 3   | 360.430         | 31.97            | 46.0           | 14.03       | Peak     | 142.00         | 150         | Vertical | Pass    |
| 4   | 433.908         | 32.08            | 46.0           | 13.92       | Peak     | 214.00         | 150         | Vertical | Pass    |
| 5   | 523.827         | 27.79            | 46.0           | 18.21       | Peak     | 1.00           | 150         | Vertical | Pass    |
| 6   | 908.529         | 62.54            | 46.0           | -16.54      | Peak     | 138.00         | 150         | Vertical | N/A     |

## HIGH CHANNEL, 30 MHz to 1 GHz, ANT H

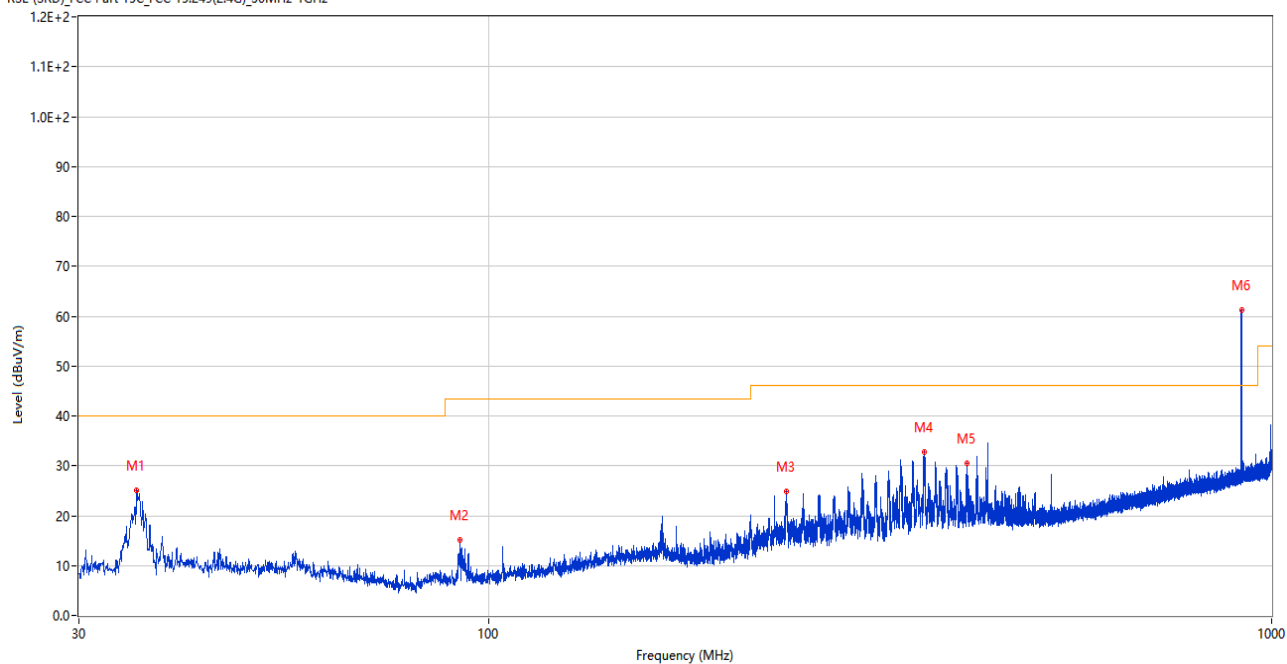
RSE (SRD)\_FCC Part 15C\_FCC 15.249(2.4G)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 35.578          | 16.91            | 40.0           | 23.09       | Peak     | 6.00           | 150         | Horizontal | Pass    |
| 2   | 144.024         | 18.37            | 43.5           | 25.13       | Peak     | 192.00         | 150         | Horizontal | Pass    |
| 3   | 311.930         | 41.74            | 46.0           | 4.26        | Peak     | 24.00          | 150         | Horizontal | Pass    |
| 4   | 360.867         | 42.71            | 46.0           | 3.29        | Peak     | 145.00         | 150         | Horizontal | Pass    |
| 5   | 564.082         | 27.80            | 46.0           | 18.20       | Peak     | 258.00         | 150         | Horizontal | Pass    |
| 6   | 914.882         | 64.94            | 46.0           | -18.94      | Peak     | 124.00         | 150         | Horizontal | N/A     |

## HIGH CHANNEL, 30 MHz to 1 GHz, ANT V

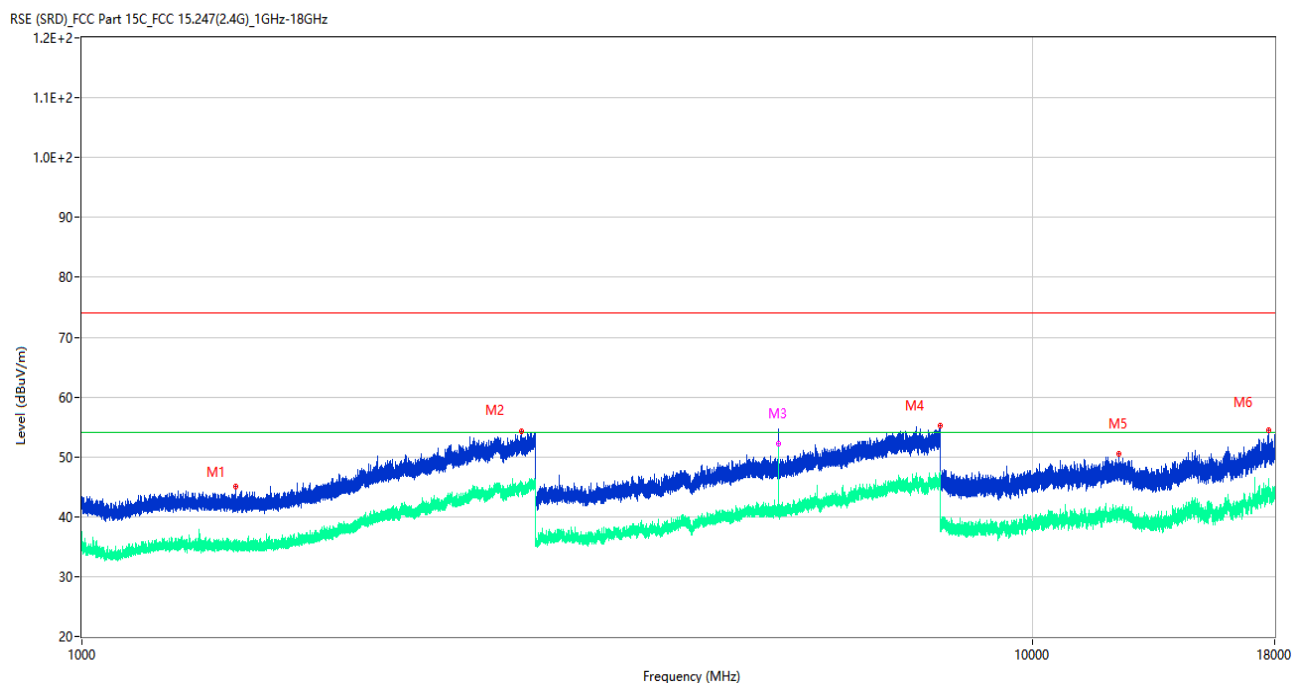
RSE (SRD)\_FCC Part 15C\_FCC 15.249(2.4G)\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 35.578          | 25.13            | 40.0           | 14.87       | Peak     | 153.00         | 150         | Vertical | Pass    |
| 2   | 92.032          | 15.15            | 43.5           | 28.35       | Peak     | 0.00           | 150         | Vertical | Pass    |
| 3   | 240.005         | 24.88            | 46.0           | 21.12       | Peak     | 160.00         | 150         | Vertical | Pass    |
| 4   | 360.091         | 32.82            | 46.0           | 13.18       | Peak     | 121.00         | 150         | Vertical | Pass    |
| 5   | 408.058         | 30.41            | 46.0           | 15.59       | Peak     | 93.00          | 150         | Vertical | Pass    |
| 6   | 914.931         | 61.30            | 46.0           | -15.30      | Peak     | 21.00          | 150         | Vertical | N/A     |

Note: The spurious from 18GHz-25GHz is noise only, do not show on the report.

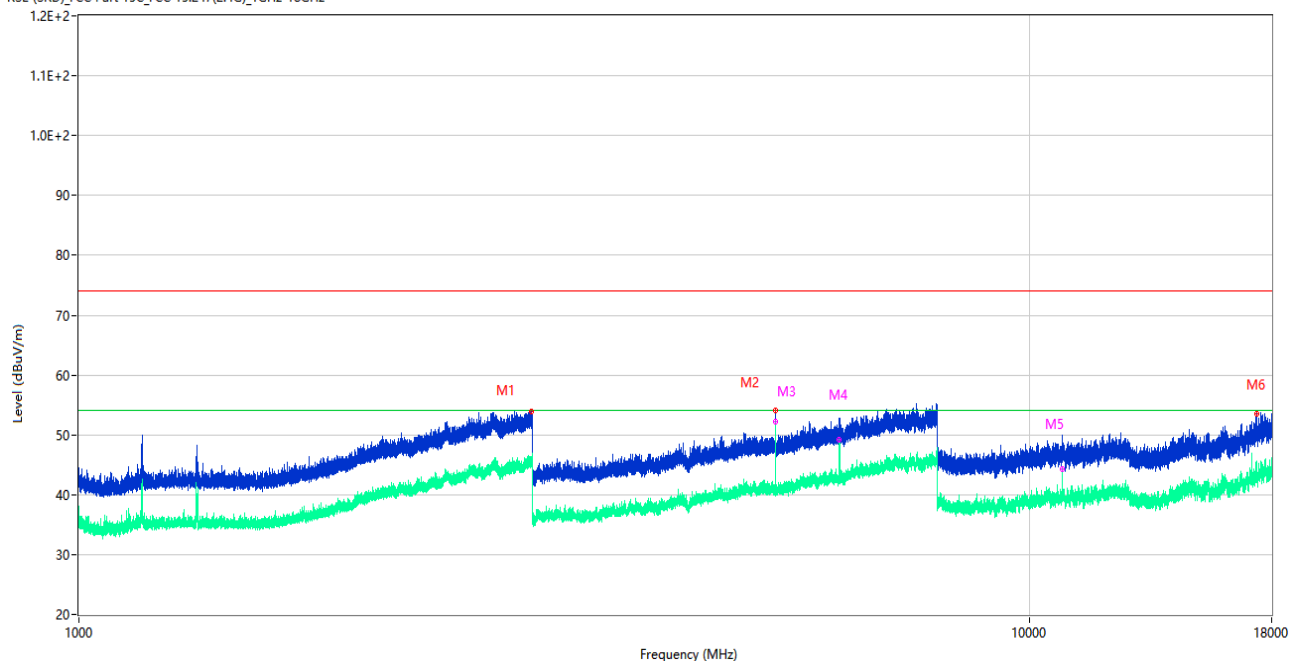
### LOW CHANNEL 1 GHz to 18 GHz, ANT H



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1450.900        | 45.07            | 74.0           | 28.93       | Peak     | 359.00         | 200         | Horizontal | Pass    |
| 1** | 1450.900        | 35.29            | 54.0           | 18.71       | AV       | 359.00         | 200         | Horizontal | Pass    |
| 2   | 2899.100        | 54.20            | 74.0           | 19.80       | Peak     | 1.00           | 100         | Horizontal | Pass    |
| 2** | 2899.100        | 45.60            | 54.0           | 8.40        | AV       | 1.00           | 100         | Horizontal | Pass    |
| 3   | 5414.250        | 54.43            | 74.0           | 19.57       | Peak     | 358.00         | 150         | Horizontal | Pass    |
| 3** | 5414.250        | 52.22            | 54.0           | 1.78        | AV       | 358.00         | 150         | Horizontal | Pass    |
| 4   | 8000.000        | 55.13            | 74.0           | 18.87       | Peak     | 347.00         | 150         | Horizontal | Pass    |
| 4** | 8000.000        | 47.56            | 54.0           | 6.44        | AV       | 347.00         | 150         | Horizontal | Pass    |
| 5   | 12352.663       | 50.54            | 74.0           | 23.46       | Peak     | 116.00         | 100         | Horizontal | Pass    |
| 5** | 12352.663       | 40.60            | 54.0           | 13.40       | AV       | 116.00         | 100         | Horizontal | Pass    |
| 6   | 17729.886       | 54.37            | 74.0           | 19.63       | Peak     | 323.00         | 150         | Horizontal | Pass    |
| 6** | 17729.886       | 44.45            | 54.0           | 9.55        | AV       | 323.00         | 150         | Horizontal | Pass    |

# LOW CHANNEL 1 GHz to 18 GHz, ANT V

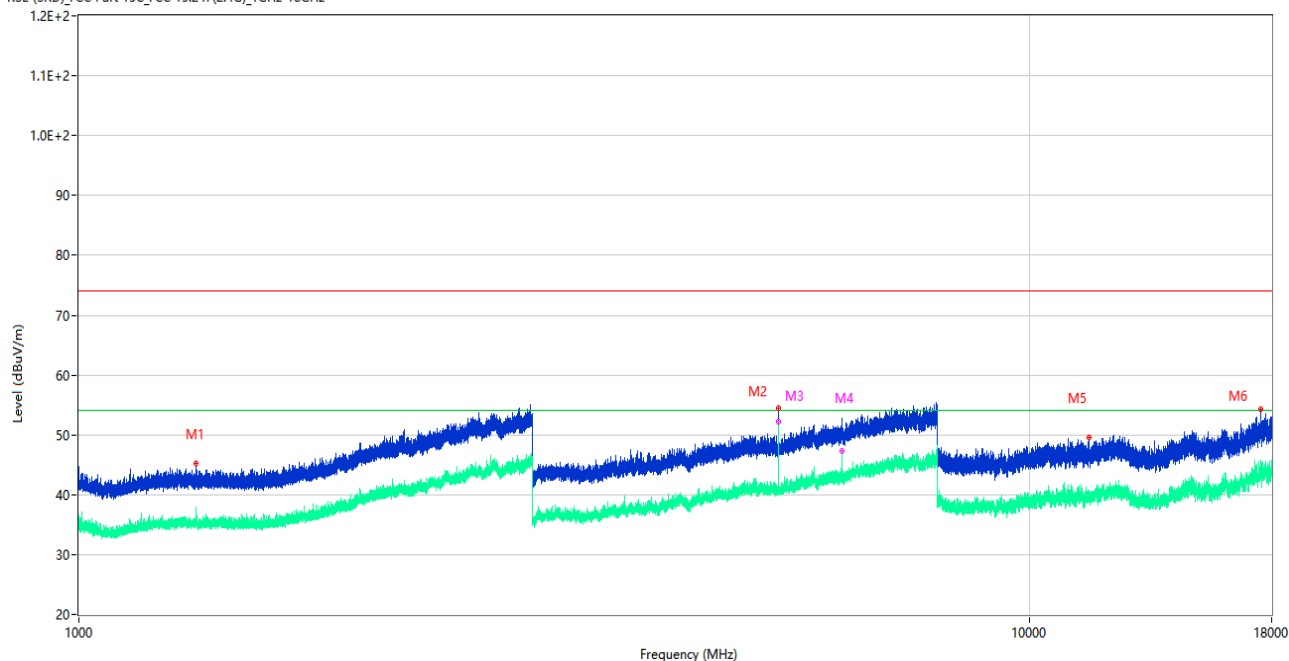
RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2991.900        | 53.91            | 74.0           | 20.09       | Peak     | 27.00          | 100         | Vertical | Pass    |
| 1** | 2991.900        | 44.97            | 54.0           | 9.03        | AV       | 27.00          | 100         | Vertical | Pass    |
| 2   | 5414.000        | 59.00            | 74.0           | 15.00       | Peak     | 321.00         | 100         | Vertical | Pass    |
| 2** | 5414.000        | 51.72            | 54.0           | 2.18        | AV       | 321.00         | 100         | Vertical | Pass    |
| 3   | 5414.250        | 57.46            | 74.0           | 16.54       | Peak     | 321.00         | 150         | Vertical | Pass    |
| 3** | 5414.250        | 52.15            | 54.0           | 1.85        | AV       | 321.00         | 150         | Vertical | Pass    |
| 4   | 6316.250        | 52.63            | 74.0           | 21.37       | Peak     | 58.00          | 150         | Vertical | Pass    |
| 4** | 6316.250        | 49.11            | --             | --          | AV       | 58.00          | 150         | Vertical | N/A     |
| 5   | 10828.151       | 49.89            | 74.0           | 24.11       | Peak     | 16.00          | 150         | Vertical | Pass    |
| 5** | 10828.151       | 44.29            | 54.0           | 9.71        | AV       | 16.00          | 150         | Vertical | Pass    |
| 6   | 17353.464       | 53.44            | 74.0           | 20.56       | Peak     | 358.00         | 300         | Vertical | Pass    |
| 6** | 17353.464       | 44.10            | 54.0           | 9.90        | AV       | 358.00         | 300         | Vertical | Pass    |

## MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

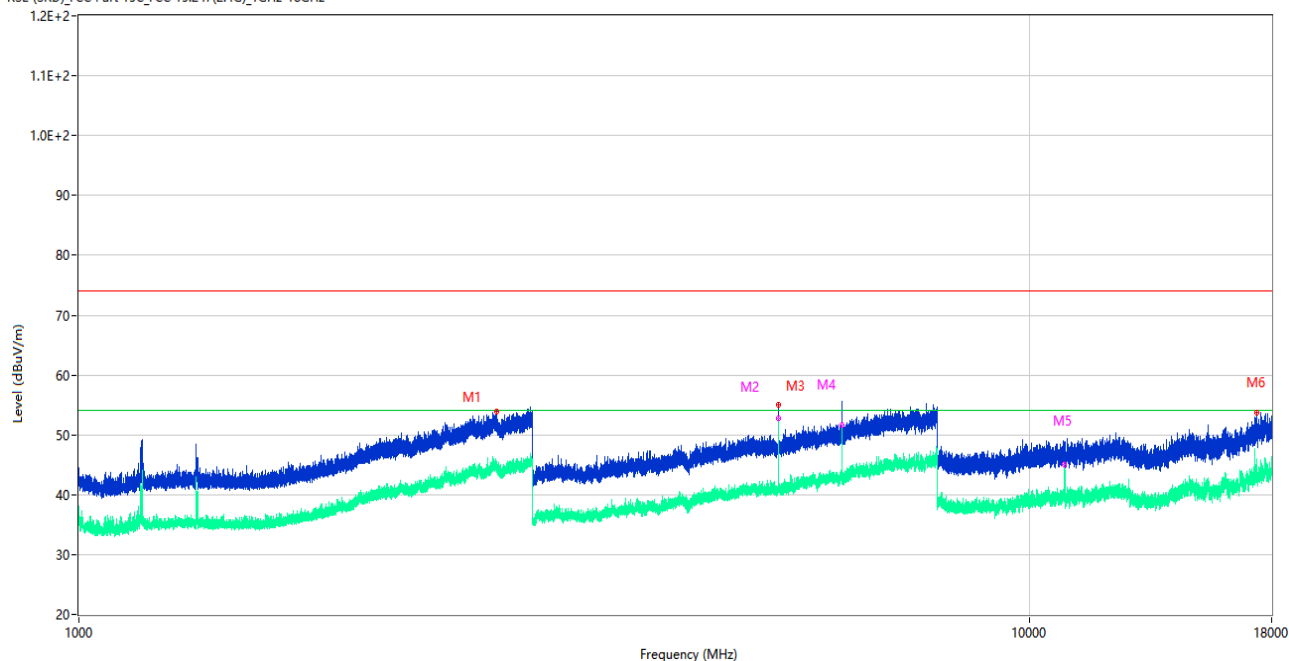
RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1329.600        | 45.16            | 74.0           | 28.84       | Peak     | 333.00         | 200         | Horizontal | Pass    |
| 1** | 1329.600        | 35.86            | 54.0           | 18.14       | AV       | 333.00         | 200         | Horizontal | Pass    |
| 2   | 5450.750        | 55.55            | 74.0           | 18.45       | Peak     | 359.00         | 400         | Horizontal | Pass    |
| 2** | 5450.750        | 52.06            | 54.0           | 1.94        | AV       | 359.00         | 400         | Horizontal | Pass    |
| 3   | 5451.250        | 55.08            | 74.0           | 18.92       | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 3** | 5451.250        | 52.21            | 54.0           | 1.79        | AV       | 0.00           | 150         | Horizontal | Pass    |
| 4   | 6360.000        | 52.33            | 74.0           | 21.67       | Peak     | 78.00          | 150         | Horizontal | Pass    |
| 4** | 6360.000        | 47.36            | --             | --          | AV       | 78.00          | 150         | Horizontal | N/A     |
| 5   | 11550.387       | 49.65            | 74.0           | 24.35       | Peak     | 230.00         | 150         | Horizontal | Pass    |
| 5** | 11550.387       | 39.45            | 54.0           | 14.55       | AV       | 230.00         | 150         | Horizontal | Pass    |
| 6   | 17534.849       | 54.19            | 74.0           | 19.81       | Peak     | 78.00          | 150         | Horizontal | Pass    |
| 6** | 17534.849       | 44.15            | 54.0           | 9.85        | AV       | 78.00          | 150         | Horizontal | Pass    |

## MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

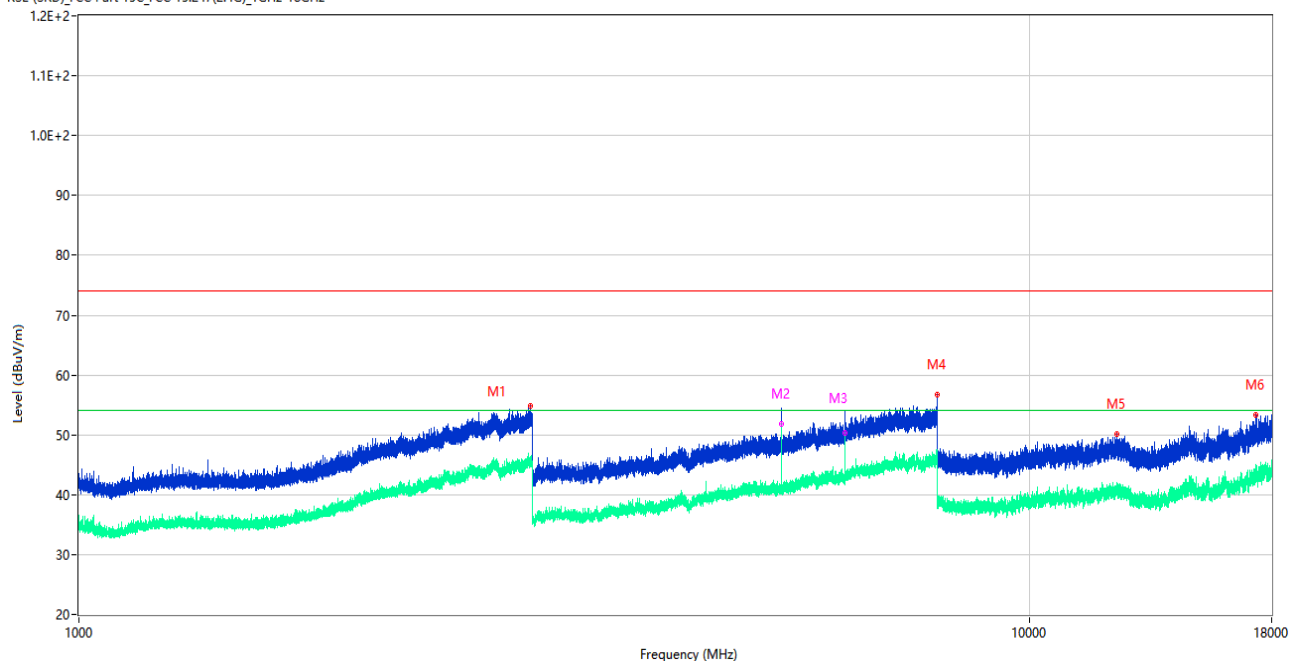
RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2749.100        | 53.86            | 74.0           | 20.14       | Peak     | 34.00          | 150         | Vertical | Pass    |
| 1** | 2749.100        | 45.37            | 54.0           | 8.63        | AV       | 34.00          | 150         | Vertical | Pass    |
| 2   | 5451.250        | 58.19            | 74.0           | 15.81       | Peak     | 307.00         | 150         | Vertical | Pass    |
| 2** | 5451.250        | 52.68            | 54.0           | 1.32        | AV       | 307.00         | 150         | Vertical | Pass    |
| 3   | 5451.500        | 58.97            | 74.0           | 15.03       | Peak     | 307.00         | 200         | Vertical | Pass    |
| 3** | 5451.500        | 52.44            | 54.0           | 1.56        | AV       | 307.00         | 200         | Vertical | Pass    |
| 4   | 6359.500        | 55.63            | 74.0           | 18.37       | Peak     | 51.00          | 150         | Vertical | Pass    |
| 4** | 6359.500        | 51.58            | --             | --          | AV       | 51.00          | 150         | Vertical | N/A     |
| 5   | 10902.250       | 48.82            | 74.0           | 25.18       | Peak     | 308.00         | 150         | Vertical | Pass    |
| 5** | 10902.250       | 45.04            | 54.0           | 8.96        | AV       | 308.00         | 150         | Vertical | Pass    |
| 6   | 17353.464       | 53.79            | 74.0           | 20.21       | Peak     | 56.00          | 300         | Vertical | Pass    |
| 6** | 17353.464       | 44.03            | 54.0           | 9.97        | AV       | 56.00          | 300         | Vertical | Pass    |

## HIGH CHANNEL 1 GHz to 18 GHz, ANT H

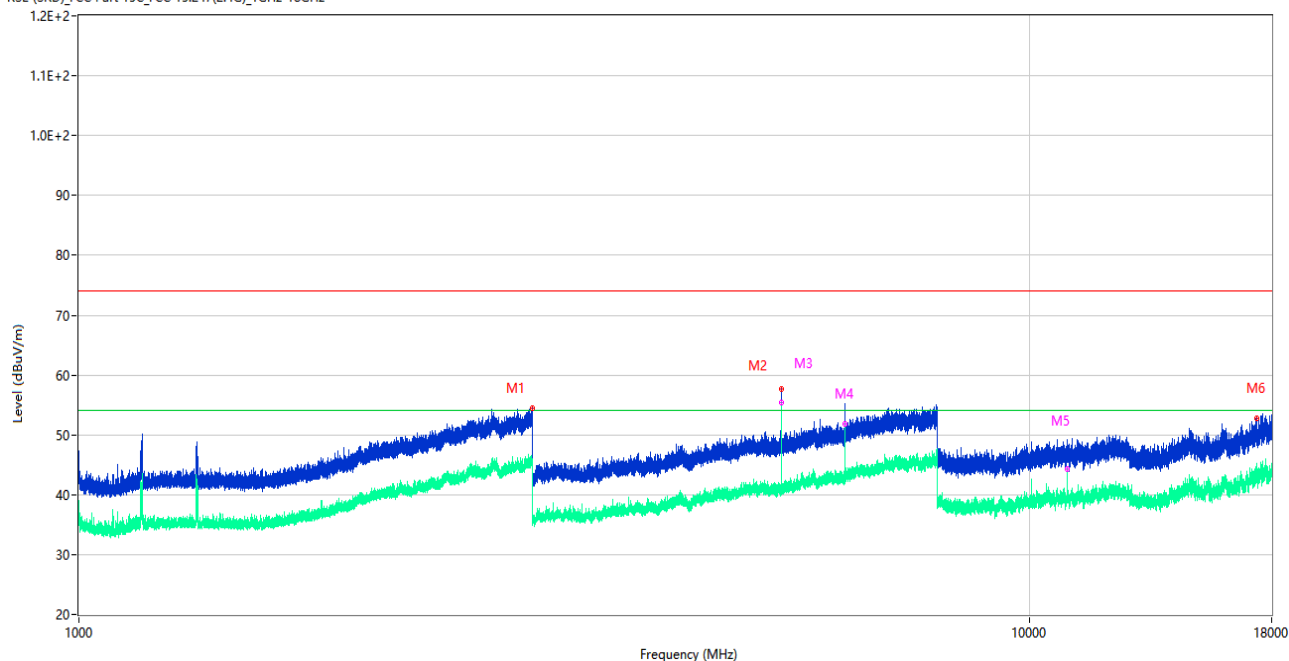
RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 2989.800        | 54.89            | 74.0           | 19.11       | Peak     | 158.00         | 100         | Horizontal | Pass    |
| 1** | 2989.800        | 45.59            | 54.0           | 8.41        | AV       | 158.00         | 100         | Horizontal | Pass    |
| 2   | 5489.250        | 54.54            | 74.0           | 19.46       | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 2** | 5489.250        | 51.75            | --             | --          | AV       | 360.00         | 150         | Horizontal | N/A     |
| 3   | 6404.500        | 52.98            | 74.0           | 21.02       | Peak     | 252.00         | 150         | Horizontal | Pass    |
| 3** | 6404.500        | 50.35            | --             | --          | AV       | 252.00         | 150         | Horizontal | N/A     |
| 4   | 7996.000        | 56.74            | 74.0           | 17.26       | Peak     | 161.00         | 100         | Horizontal | Pass    |
| 4** | 7996.000        | 46.82            | 54.0           | 7.18        | AV       | 161.00         | 100         | Horizontal | Pass    |
| 5   | 12383.776       | 50.22            | 74.0           | 23.78       | Peak     | 253.00         | 300         | Horizontal | Pass    |
| 5** | 12383.776       | 40.83            | 54.0           | 13.17       | AV       | 253.00         | 300         | Horizontal | Pass    |
| 6   | 17328.261       | 53.34            | 74.0           | 20.66       | Peak     | 1.00           | 400         | Horizontal | Pass    |
| 6** | 17328.261       | 43.77            | 54.0           | 10.23       | AV       | 1.00           | 400         | Horizontal | Pass    |

## HIGH CHANNEL 1 GHz to 18 GHz, ANT V

RSE (SRD)\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2999.500        | 54.51            | 74.0           | 19.49       | Peak     | 100.00         | 200         | Vertical | Pass    |
| 1** | 2999.500        | 45.20            | 54.0           | 8.80        | AV       | 100.00         | 200         | Vertical | Pass    |
| 2   | 5489.000        | 57.58            | 74.0           | 16.42       | Peak     | 315.00         | 200         | Vertical | Pass    |
| 2** | 5489.000        | 54.28            | --             | --          | AV       | 315.00         | 200         | Vertical | N/A     |
| 3   | 5489.250        | 56.68            | 74.0           | 17.32       | Peak     | 315.00         | 150         | Vertical | Pass    |
| 3** | 5489.250        | 55.33            | --             | --          | AV       | 315.00         | 150         | Vertical | N/A     |
| 4   | 6404.750        | 54.57            | 74.0           | 19.43       | Peak     | 110.00         | 150         | Vertical | Pass    |
| 4** | 6404.750        | 51.90            | --             | --          | AV       | 110.00         | 150         | Vertical | N/A     |
| 5   | 10979.438       | 49.04            | 74.0           | 24.96       | Peak     | 313.00         | 150         | Vertical | Pass    |
| 5** | 10979.438       | 44.37            | 54.0           | 9.63        | AV       | 313.00         | 150         | Vertical | Pass    |
| 6   | 17353.724       | 52.86            | 74.0           | 21.14       | Peak     | 83.00          | 200         | Vertical | Pass    |
| 6** | 17353.724       | 44.12            | 54.0           | 9.88        | AV       | 83.00          | 200         | Vertical | Pass    |

## A.9 Band Edge (Restricted-band band-edge)

Note<sup>1</sup>: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

Note<sup>2</sup>: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note<sup>3</sup>: According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note<sup>4</sup>: The Level (dBuV/m) has been corrected by factor.

Note<sup>5</sup>: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

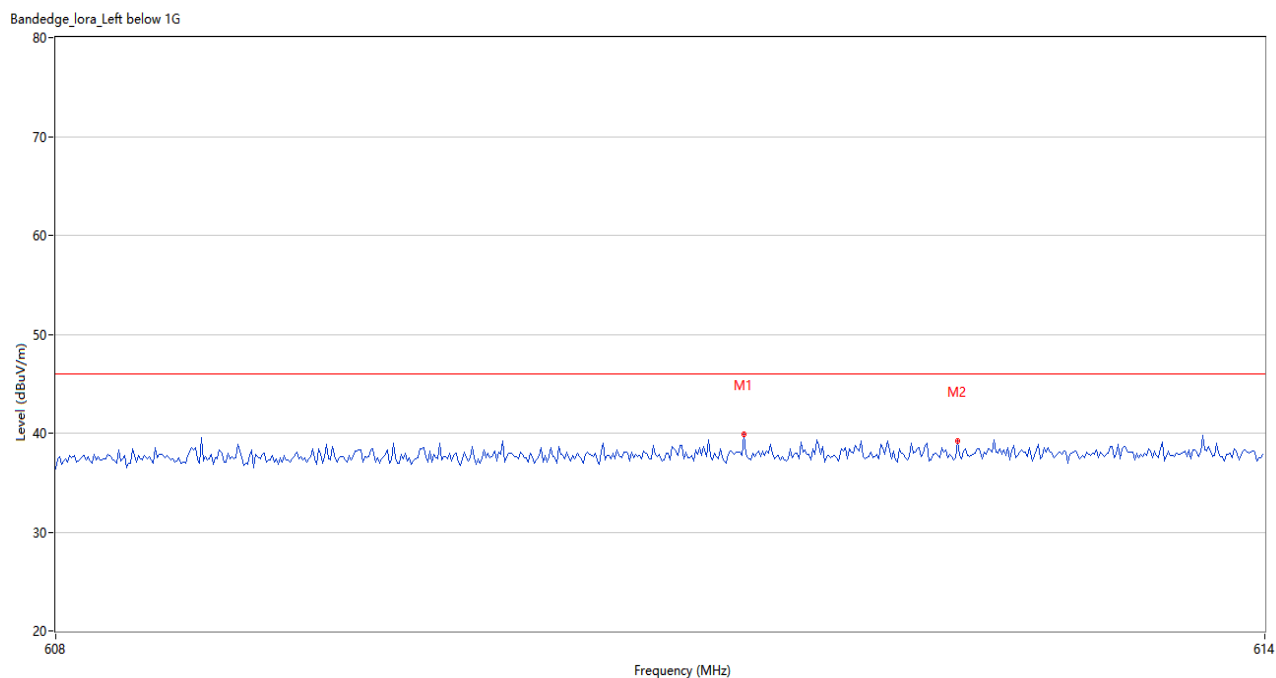
Note<sup>6</sup>: The Band Edge (Restricted-band band-edge) please refer to the Report No. BL-SZ2080378-602 issued by Shenzhen BALUN Technology Co., Ltd. on Nov. 25, 2020, **Section A.9 Band Edge (Restricted-band band-edge)**.

just Band Edge (Restricted-band band-edge) (Dipole Antenna 2 & Spring Antenna) were tested in this report.

## Test Data and Plots

### Dipole Antenna 2

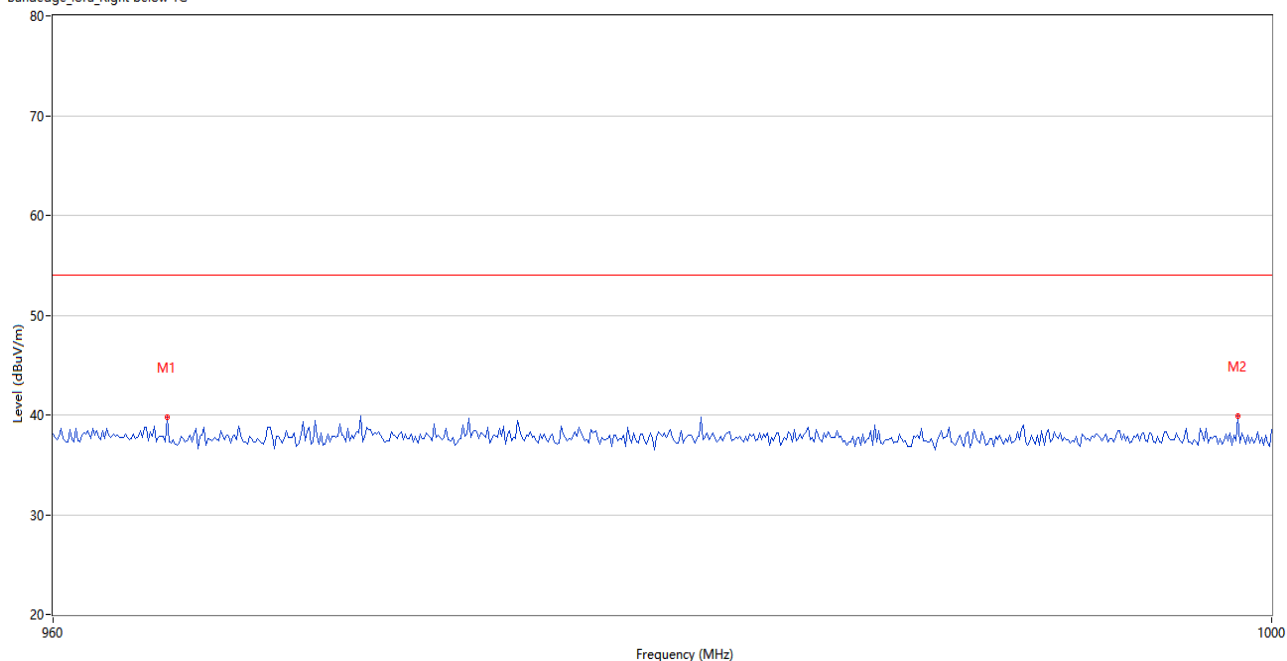
608 MHz to 614 MHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 611.410         | 39.85            | 46.0           | 6.15        | Peak     | 178.00         | 150         | Vertical | Pass    |
| 2   | 612.470         | 39.20            | 46.0           | 6.80        | Peak     | 0.00           | 150         | Vertical | Pass    |

## 960 MHz to 1 GHz

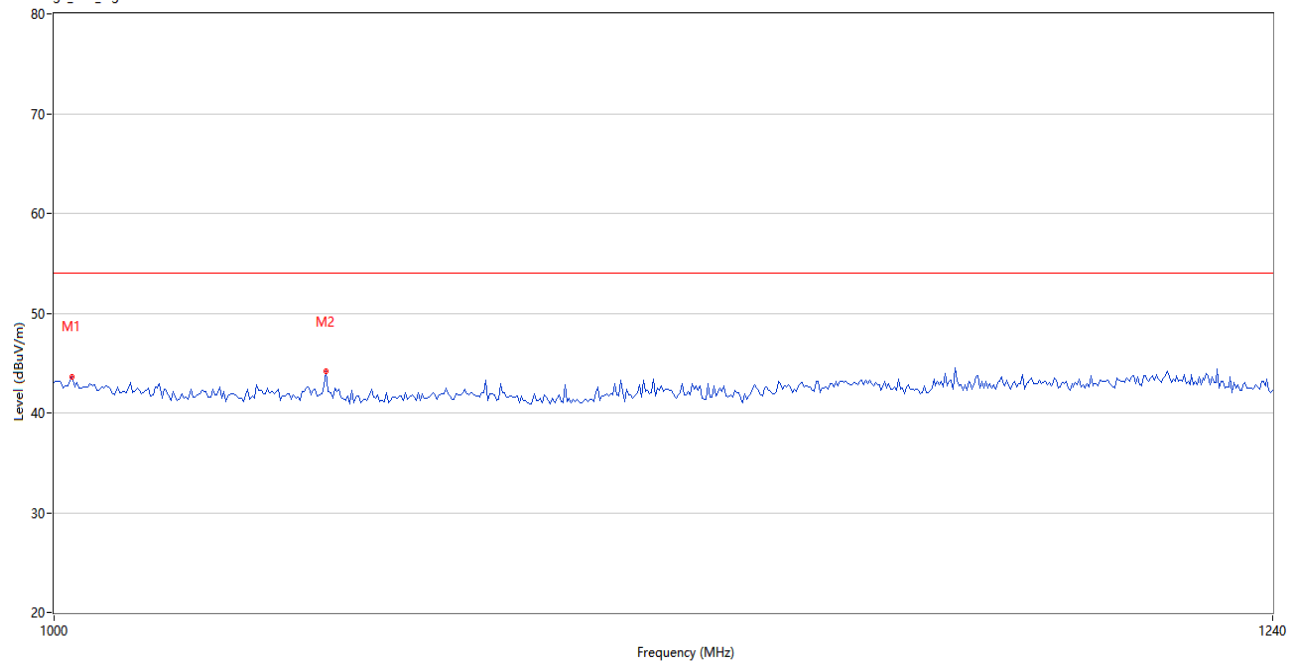
Bandedge\_lora\_Right below 1G



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 963.667         | 39.83            | 54.0           | 14.17       | Peak     | 10.00          | 150         | Vertical | Pass    |
| 2   | 998.867         | 39.84            | 54.0           | 14.16       | Peak     | 98.00          | 150         | Vertical | Pass    |

## 1 GHz to 1.24 GHz

Bandedge\_lora\_Right above 1G

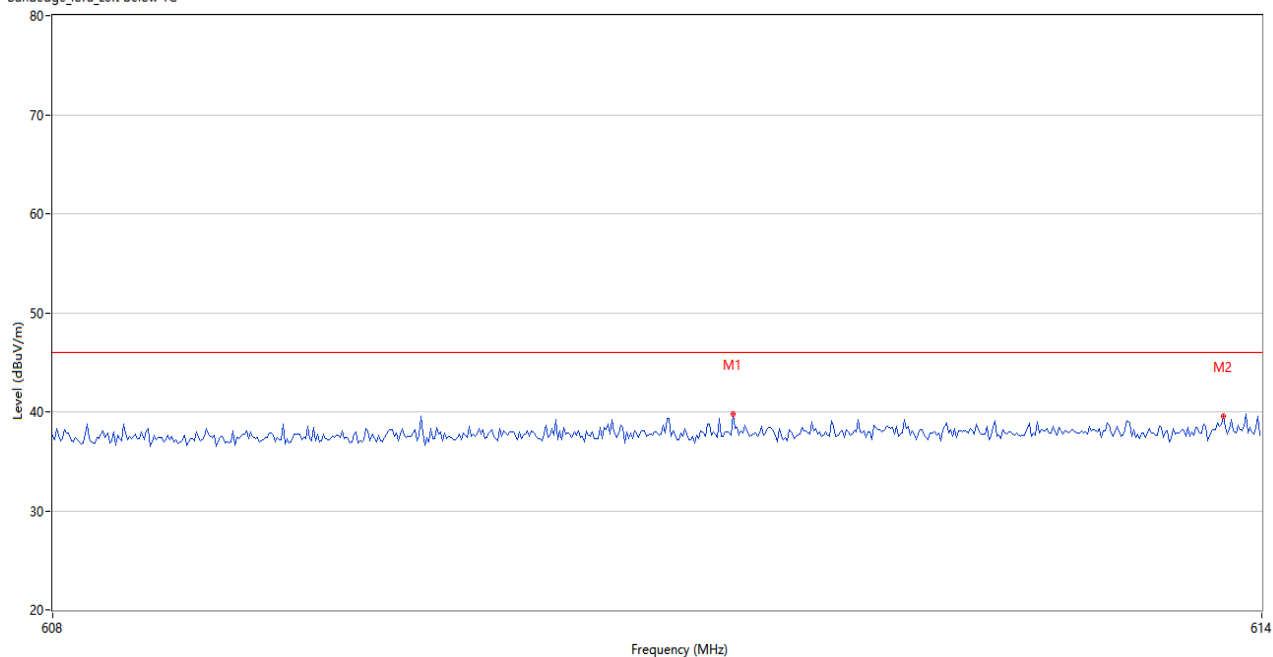


| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1003.200        | 43.61            | 54.0           | 10.39       | Peak     | 313.00         | 150         | Vertical | Pass    |
| 2   | 1049.200        | 44.19            | 54.0           | 9.81        | Peak     | 313.00         | 150         | Vertical | Pass    |

## Spring Antenna 1 (DOG-617)

608 MHz to 614 MHz

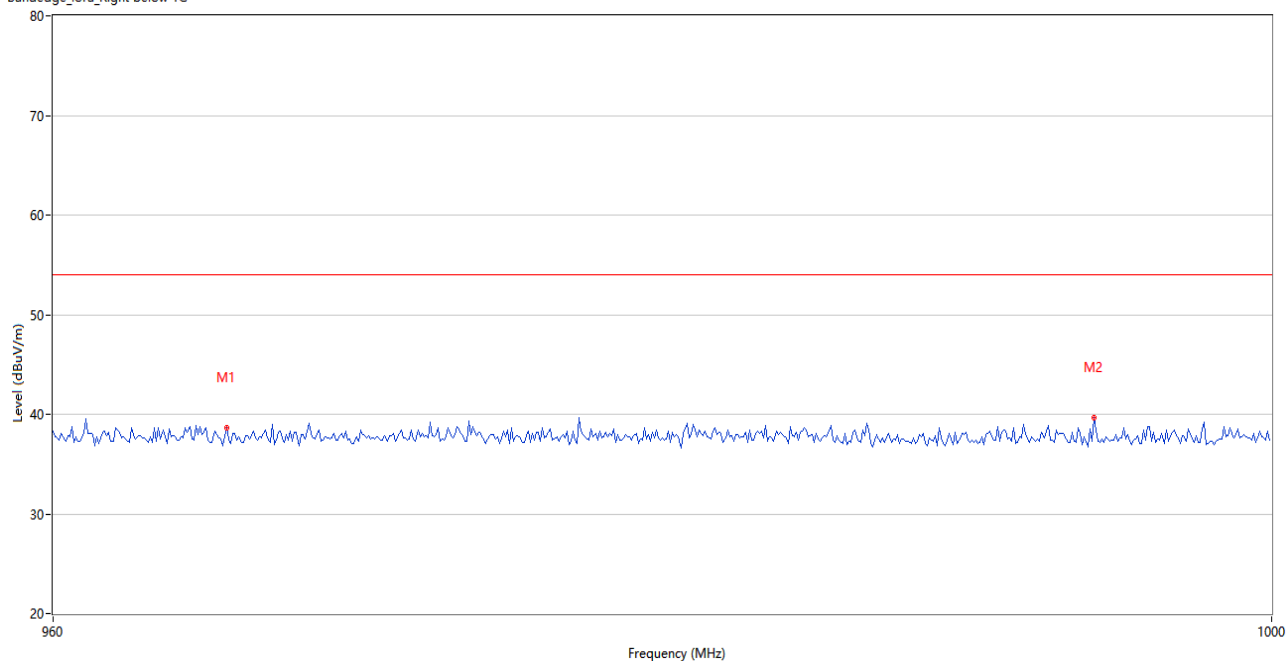
Bandedge\_Jora\_Left below 1G



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 611.370         | 39.76            | 46.0           | 6.24        | Peak     | 290.00         | 150         | Horizontal | Pass    |
| 2   | 613.810         | 39.57            | 46.0           | 6.43        | Peak     | 336.00         | 150         | Horizontal | Pass    |

## 960 MHz to 1 GHz

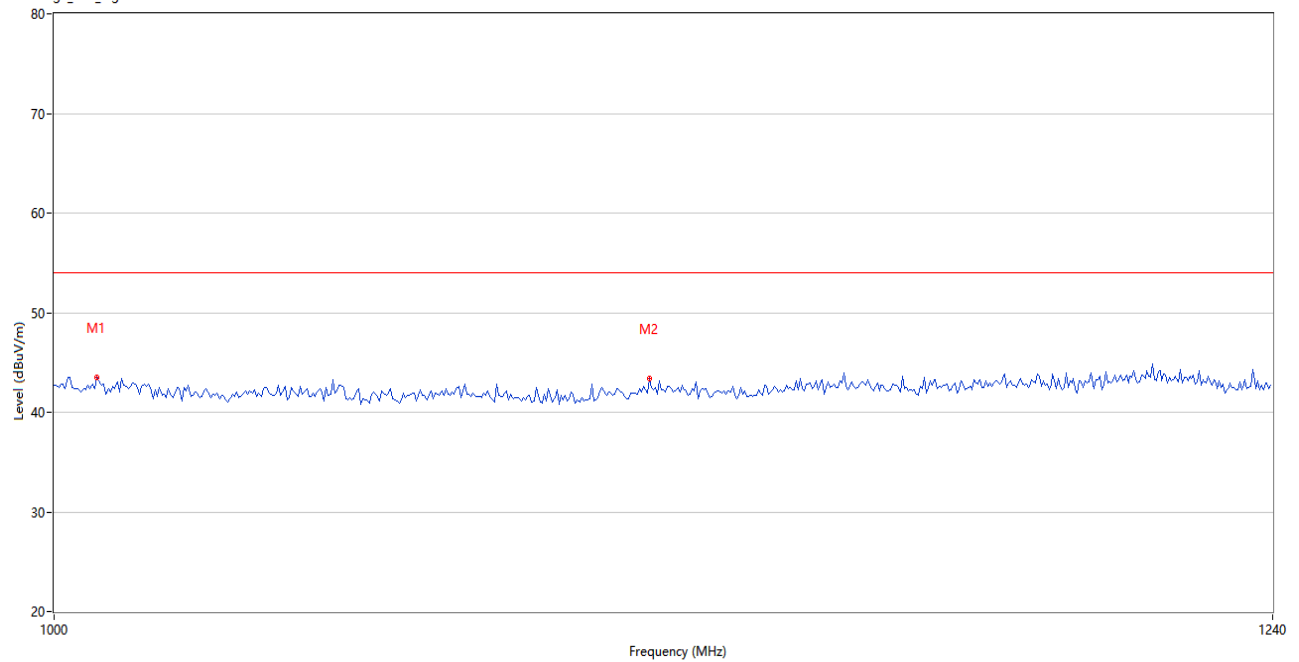
Bandedge\_lora\_Right below 1G



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 965.600         | 38.70            | 54.0           | 15.30       | Peak     | 126.00         | 150         | Horizontal | Pass    |
| 2   | 994.067         | 39.63            | 54.0           | 14.37       | Peak     | 351.00         | 150         | Horizontal | Pass    |

## 1 GHz to 1.24 GHz

Bandedge\_lora\_Right above 1G

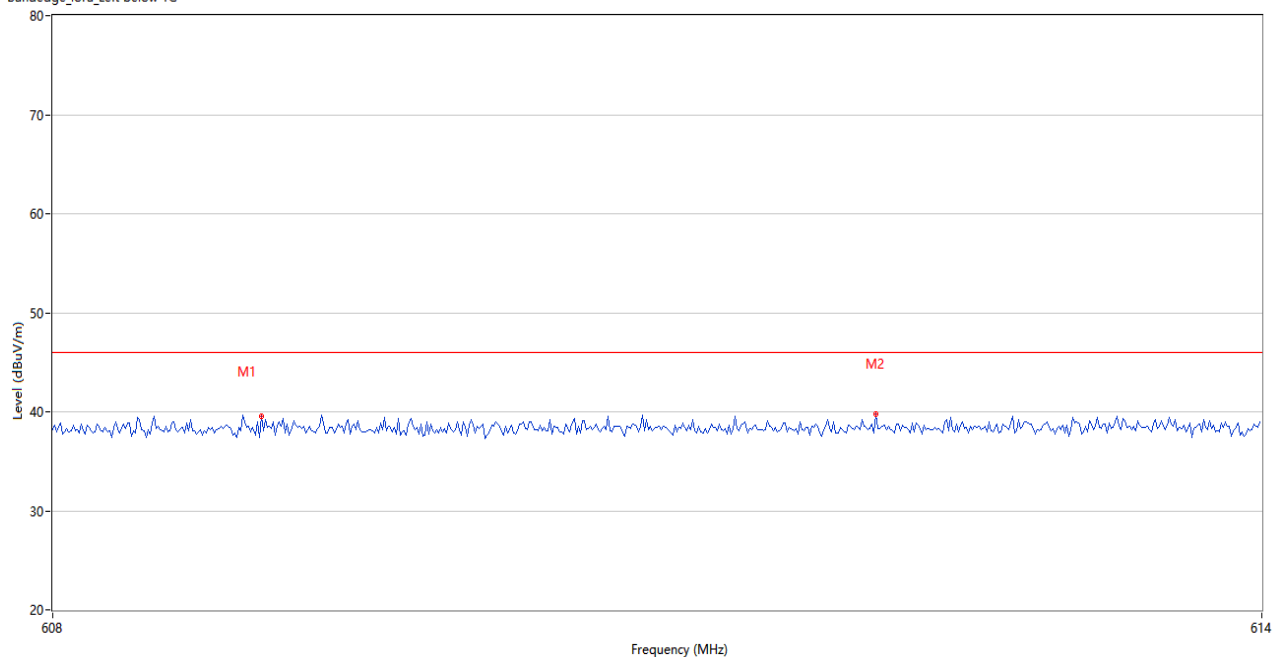


| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1007.600        | 43.52            | 54.0           | 10.48       | Peak     | 299.00         | 150         | Horizontal | Pass    |
| 2   | 1110.800        | 43.40            | 54.0           | 10.60       | Peak     | 360.00         | 150         | Horizontal | Pass    |

## Spring Antenna 2 (DOG-622)

608 MHz to 614 MHz

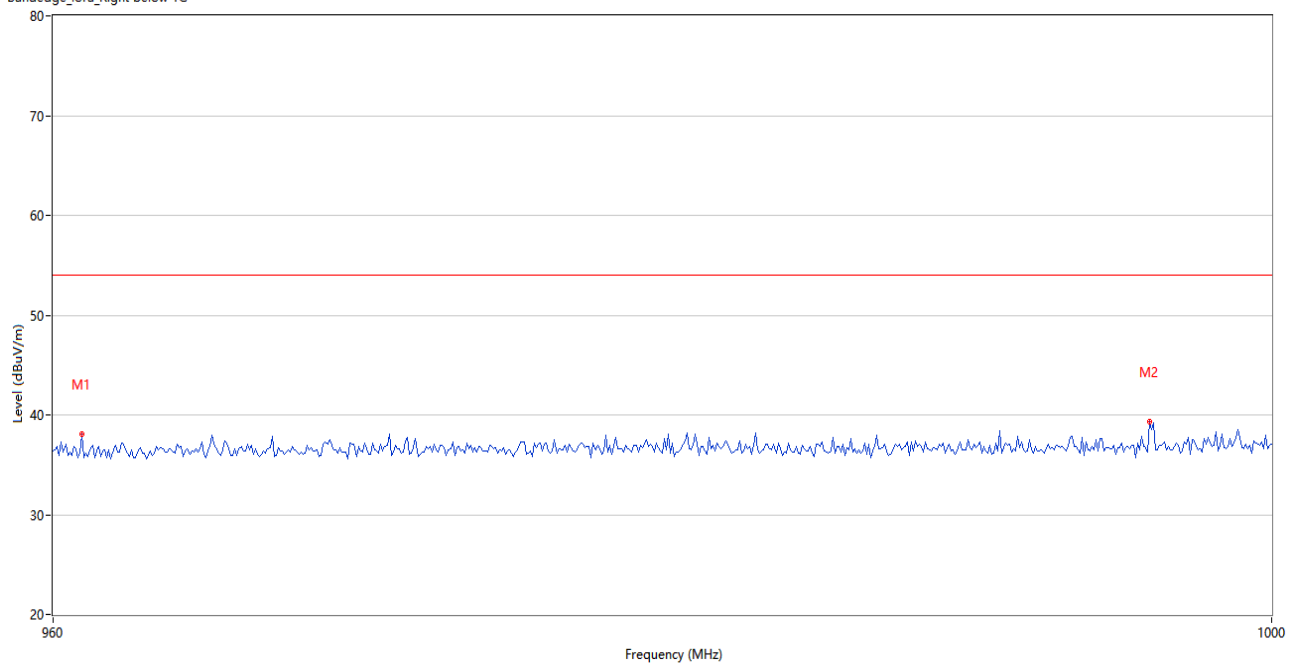
Bandedge\_Jora\_Left below 1G



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 609.030         | 39.53            | 46.0           | 6.47        | Peak     | 252.00         | 150         | Horizontal | Pass    |
| 2   | 612.080         | 39.81            | 46.0           | 6.19        | Peak     | 287.00         | 150         | Horizontal | Pass    |

## 960 MHz to 1 GHz

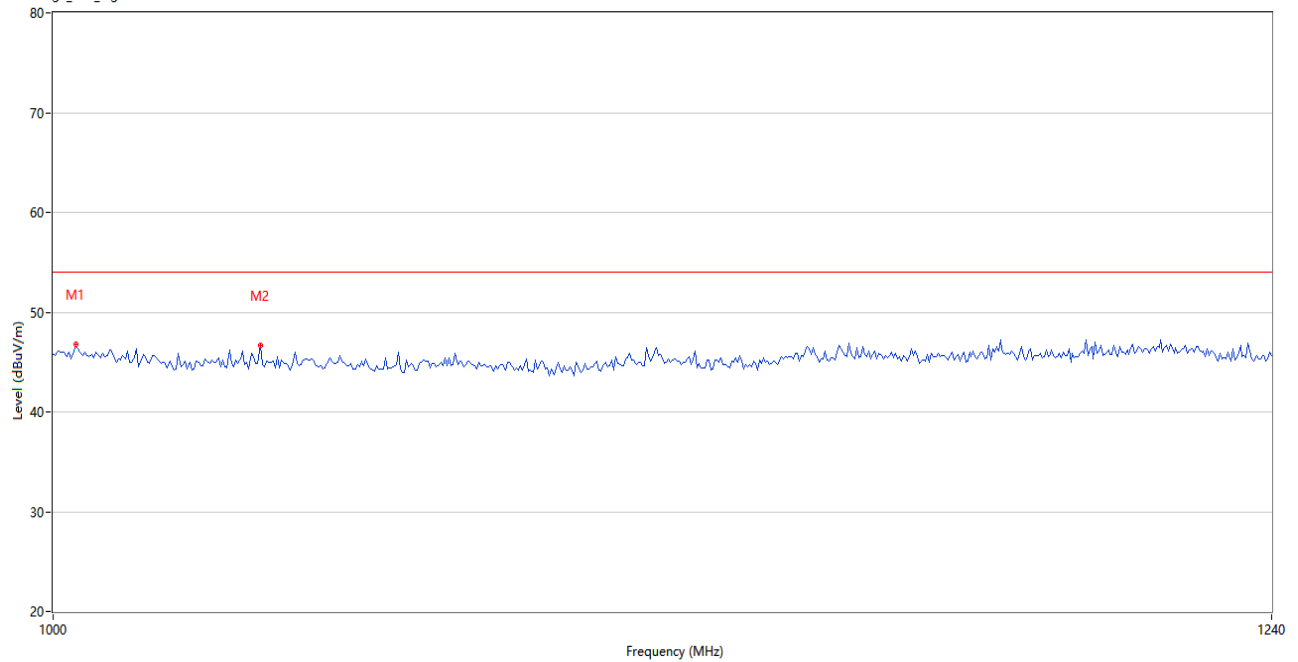
Bandedge\_lora\_Right below 1G



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 960.933         | 38.11            | 54.0           | 15.89       | Peak     | 347.00         | 150         | Horizontal | Pass    |
| 2   | 995.933         | 39.29            | 54.0           | 14.71       | Peak     | 112.00         | 150         | Horizontal | Pass    |

## 1 GHz to 1.24 GHz

Bandedge\_lora\_Right above 1G



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1004.000        | 46.78            | 54.0           | 7.22        | Peak     | 145.00         | 150         | Horizontal | Pass    |
| 2   | 1037.200        | 46.62            | 54.0           | 7.38        | Peak     | 129.00         | 150         | Horizontal | Pass    |

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “BL-SZ2610075-AR.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ2610075-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “BL-SZ2610075-AI.PDF”.

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--END OF REPORT--