中认信通
CHINA CERTIFICATION ICT CO., LTD (DONGGUAN)

ACCREDITED
TESTING LABORATORY
CERTIFICATE # 6356.01

# TEST REPORT

**Applicant:** **PO FUNG ELECTRONIC (HK) INTERNATONAL GROUP COMPANY LIMITED**

Address: Room 1508, 15/F, Office Tower II, Grand Plaza, 625 Nathan Road, Kowloon, Hong Kong

**FCC ID:** **2AJGM-UV1802R**

**Product Name:** **Amateur Radio**

**Standard(s):** **47 CFR Part 15 Subpart B**
**ANSI C63.4-2014**

The above equipment has been tested and found compliant with the requirement of the relative standards by China Certification ICT Co., Ltd (Dongguan)

**Report Number:** **CR230526861-00A**

**Date Of Issue:** **2023/7/6**

**Approved By:** **Sun Zhong** Sun Zhong

Title: Manager

**Test Laboratory:** **China Certification ICT Co., Ltd (Dongguan)**
No. 113, Pingkang Road, Dalang Town, Dongguan,
Guangdong, China
Tel: +86-769-82016888

## Test Facility

The Test site used by China Certification ICT Co., Ltd (Dongguan) to collect test data is located on the No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 442868, the FCC Designation No. : CN1314.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0123.

## Declarations

China Certification ICT Co., Ltd (Dongguan) is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol "▲". Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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This report may contain data that are not covered by the accreditation scope and shall be marked with an asterisk "★".

# CONTENTS

# DOCUMENT REVISION HISTORY

| Revision Number | Report Number | Description of Revision | Date of Revision |
|---|---|---|---|
| 1.0 | CR230526861-00A | Original Report | 2023/7/6 |

# 1. GENERAL INFORMATION

## 1.1 Product Description for Equipment under Test (EUT)

| | |
|---|---|
| **Product Name:** | Amateur Radio |
| **Test Model:** | UV-1802R |
| **Multiple Models:** | BF-1802R,UV-1802H,UV-1802M,UV-1802L,BF-1802H,BF-1802L |
| **Highest Operation Frequency:** | 520MHz |
| **Rated Input Voltage:** | DC 7.4V from battery |
| **Serial Number:** | 25W9-1 |
| **EUT Received Date:** | 2023/5/17 |
| **EUT Received Status:** | Good |
| Note: The Multiple models are electrically identical with the test model. Please refer to the declaration letter for more detail, which was provided by manufacturer. | |

## Accessory Information:

| Accessory Description | Manufacturer | Model |
|---|---|---|
| Adapter | Fujian Baofeng Electronic Co.,Ltd | BF-1001000 |

## Operation Frequency And Test Channel:

| Operation Modes | Operation Frequency Range (MHz) | Test Frequency (MHz) |
|---|---|---|
| VHF Receiving | 136-174<br>220-260 | 136.0125, 155, 173.9875<br>220.0125, 240, 259.9875 |
| UHF Receiving | 400-520 | 400.0125, 460, 519.9875 |
| Scanning | 108-174<br>220-260<br>400-520 | / |
| FM | 65-108 | 65.1, 86.5, 107.9 |
| NOAA | 161.65-163.275 | 161.65, 163.275 |

## 1.2 Description of Test Configuration

### 1.2.1 EUT Operation Condition:

| | |
|---|---|
| **EUT Operation Mode:** | The system was configured for testing in Typical Use Mode, which was provided by the manufacturer.<br><br>Test Mode:<br>M1: Charging & Receiving<br>M2: Charging & Scanning<br>M3: Charging & FM Receiving<br>M4: Charging & NOAA Receiving |
| **Equipment Modifications:** | No |
| **EUT Exercise Software:** | No |

### 1.2.2 Support Equipment List and Details

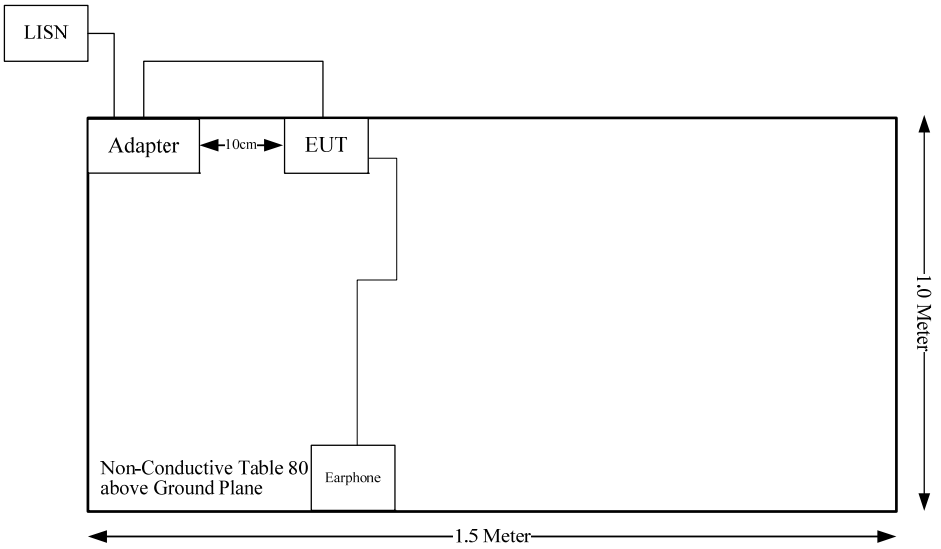
| Manufacturer | Description | Model | Serial Number |
|---|---|---|---|
| Agilent | MXG Vector Signal Generator | N5182B | MY51350142 |

### 1.2.3 Support Cable List and Details

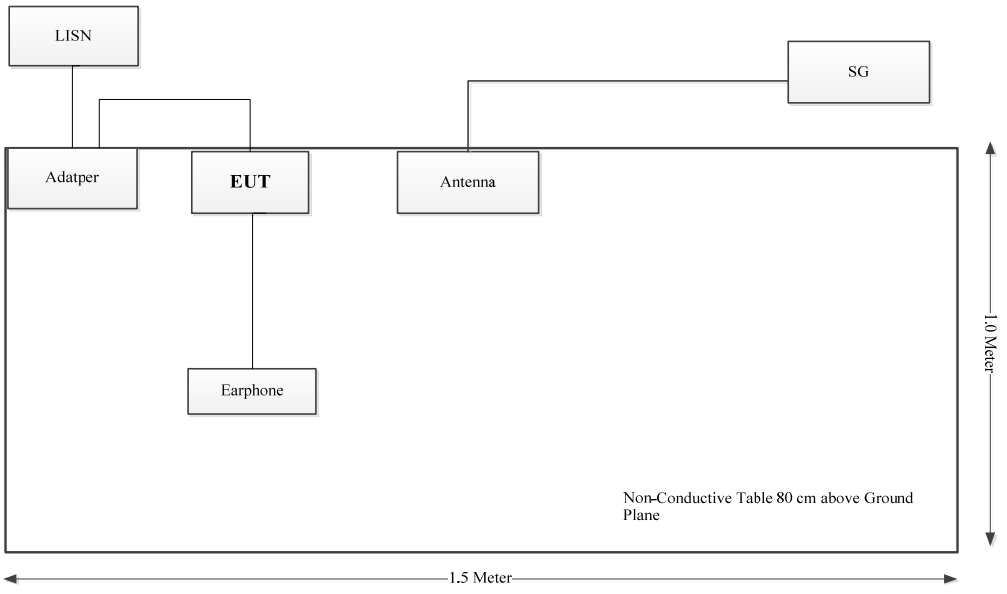
| Cable Description | Shielding Type | Ferrite Core | Length (m) | From Port | To |
|---|---|---|---|---|---|
| antenna cable | No | No | 1.5 | N5182B | antenna |

### 1.2.4 Block Diagram of Test Setup

**CE:**
M2:

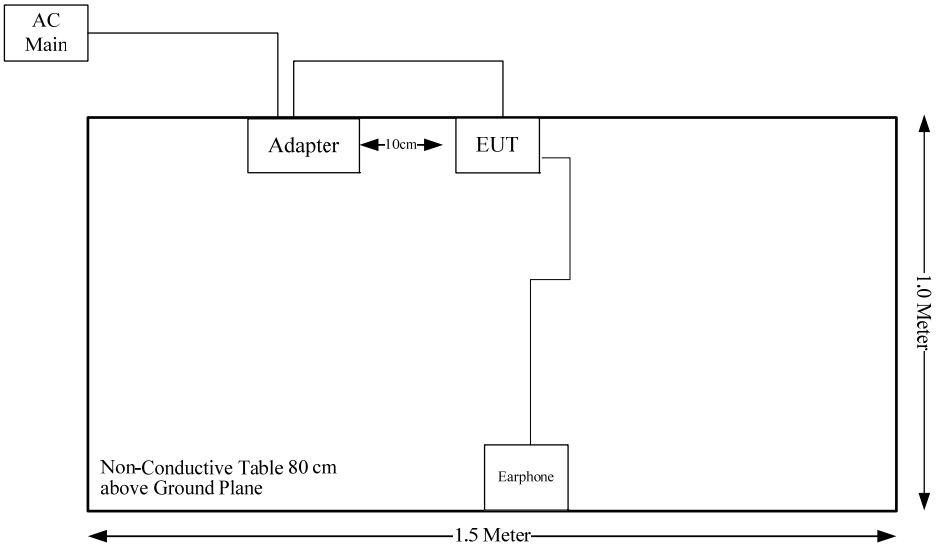



M1/M3/M4:

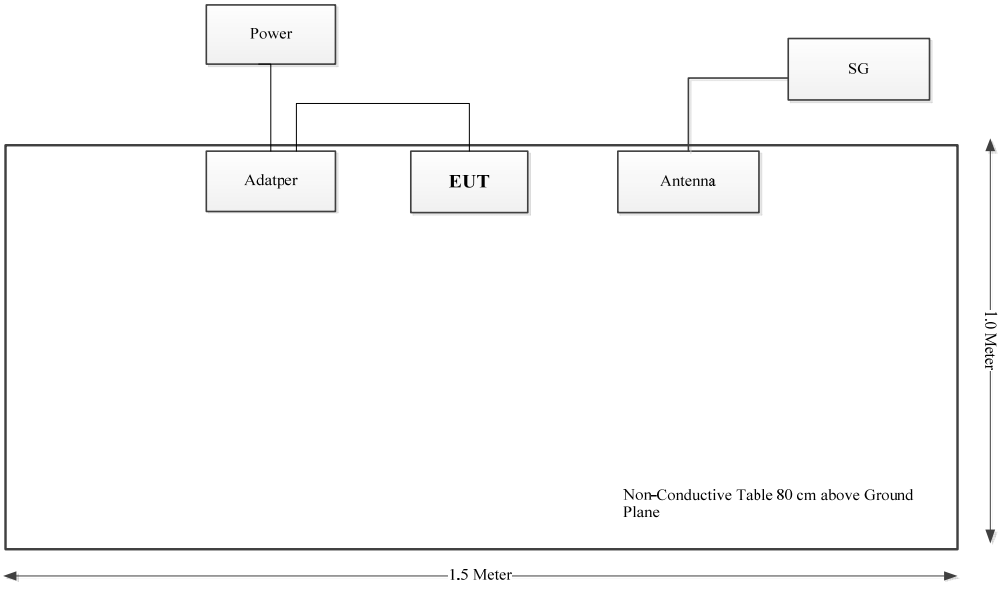


**RE:**

M2:


AC
Main
Adapter
10cm
EUT
1.0 Meter
Non-Conductive Table 80 cm
above Ground Plane
Earphone
1.5 Meter

M1/M3/M4:


Power
SG
Adatper
EUT
Antenna
1.0 Meter
Non-Conductive Table 80 cm above Ground
Plane
1.5 Meter

## 1.3 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

| Parameter | Measurement Uncertainty |
|---|---|
| Unwanted Emissions, radiated | 30M~200MHz: 4.15 dB,200M~1GHz: 5.61 dB,1G~6GHz: 5.14 dB, 6G~18GHz: 5.93 dB,18G~26.5G:5.47 dB,26.5G~40G:5.63 dB |
| Temperature | ±1℃ |
| Humidity | ±5% |
| AC Power Lines Conducted Emission | 2.8 dB (150 kHz to 30 MHz) |

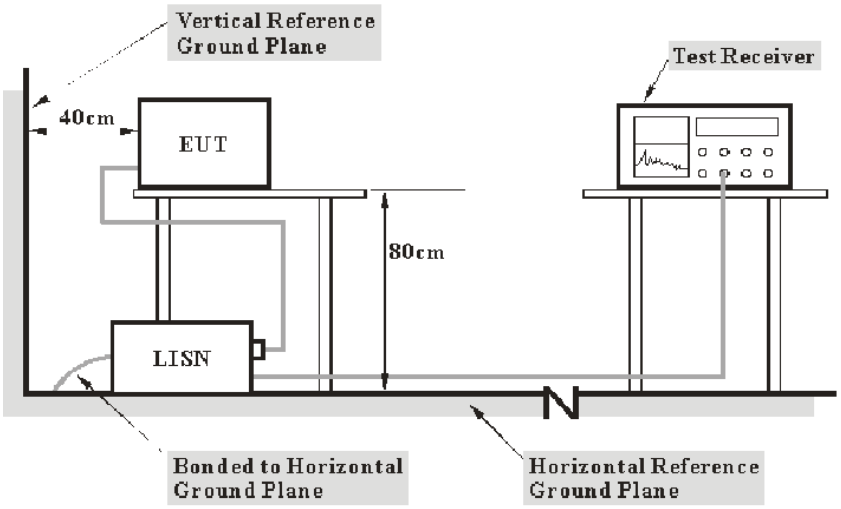
# 2. SUMMARY OF TEST RESULTS

| Standard(s) Section | Description of Test | Result |
|---|---|---|
| §15.107 | Conducted emissions | Compliant |
| §15.109 | Radiated emissions | Compliant |
| §15.111 | Antenna power conduction limits for receivers | Compliant |
| §15.121(b) | Scanning receivers and frequency converters used with scanning receivers | Compliant |

# 3. REQUIREMENTS AND TEST PROCEDURES

## 3.1 AC Line Conducted Emissions

### 3.1.1 EUT Setup




Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 15 B Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The adapter or EUT was connected to the main LISN with a 120 V/60 Hz AC power source.

### 3.1.2 EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

| Frequency Range | IF B/W |
|---|---|
| 150 kHz – 30 MHz | 9 kHz |

### 3.1.3 Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the first LISN and the other support equipments were connected to the outlet of the second LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT, the report shall list the six emissions with the smallest margin relative to the limit, unless the margin is greater than 20 dB.

All data was recorded in the Quasi-peak and average detection mode.

The report shall list the six emissions with the smallest margin relative to the limit, unless the margin is greater than 20 dB.

### 3.1.4 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor
Factor = attenuation caused by cable loss + voltage division factor of AMN

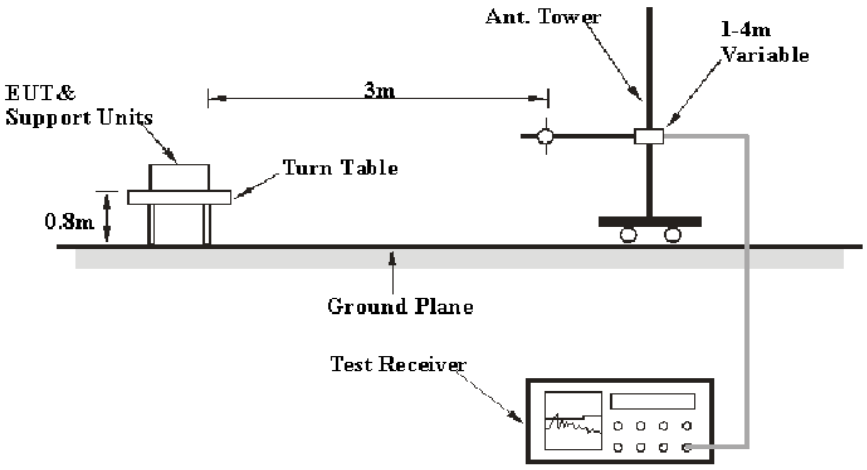
The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

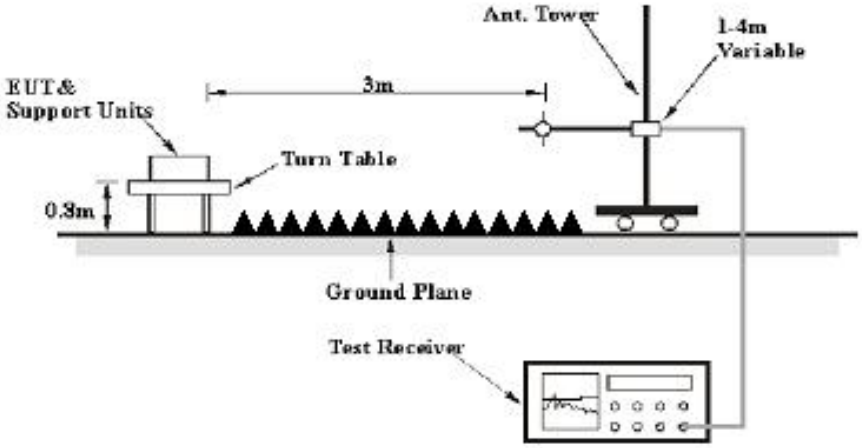
## 3.2 Radiation Spurious Emissions

### 3.2.1 EUT Setup

Below 1GHz:




Above 1GHz:




The radiated emission were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.4-2014. The specification used was with the FCC Part 15 B Class B limits.

### 3.2.2 Equipment Setup

The system was investigated from 30 MHz to 5 GHz.

During the radiated emission test, the test equipment was set with the following configurations:

| Frequency Range | RBW | Video B/W | IF B/W | Measurement |
|---|---|---|---|---|
| 30 MHz – 1000 MHz | 120 kHz | 300 kHz | 120 kHz | QP |
| Above 1 GHz | 1 MHz | 3 MHz | / | Peak |
| | 1 MHz | 10Hz | / | AVG |

If the maximized peak measured value complies with under the limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

### 3.2.3 Test Procedure

During the radiated emissions, the adapter was connected to the first AC floor outlet and the other support equipments were connected to the second AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The data was recorded in the Quasi-peak detection mode for below 1 GHz.

All emissions under the average limit and under the noise floor have not recorded in the report.

### 3.2.4 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor
Factor = Antenna Factor + Cable Loss- Amplifier Gain

The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

## 3.3 Antenna Power Conduction Limits for Receivers

### 3.3.1 Applicable Standard

FCC§15.111.

(a) In addition to the radiated emission limits, receivers that operate (tune) in the frequency range 30 to 960 MHz and CB receivers that provide terminals for the connection of an external receiving antenna may be tested to demonstrate compliance with the provisions of § 15.109 with the antenna terminals shielded and terminated with a resistive termination equal to the impedance specified for the antenna, provided these receivers also comply with the following: With the receiver antenna terminal connected to a resistive termination equal to the impedance specified or employed for the antenna, the power at the antenna terminal at any frequency within the range of measurements specified in § 15.33 shall not exceed 2.0 nanowatts.

**Test Procedure**

EUT antenna port connected to a spectrum analyzer, the traces were recorded as shown on the data pages.

## 3.4 Scanning Receivers and Frequency Converters Used with Scanning Receivers

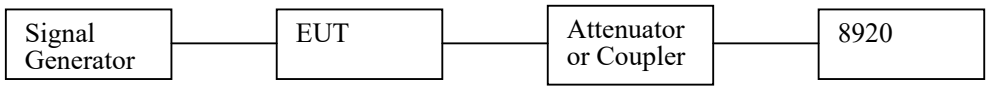
**Applicable Standard**

FCC §15.121(b).

(b) Except as provided in paragraph (c) of this section, scanning receivers shall reject any signals from the Cellular Radiotelephone Service frequency bands that are 38 dB or lower based upon a 12 dB SINAD measurement, which is considered the threshold where a signal can be clearly discerned from any interference that may be present.

**Test Procedure**

1. Connected the EUT as the below block diagram;




2. Apply a signal to the EUT antenna port at lowest, middle, highest channel frequencies of the operating band;
3. Adjust the audio output level of the EUT to it's rated value with the distortion less than 10%;
4. Adjust the Signal Generator output power to produce 12 dB SINAD without the audio output power dropping by more than 3 dB; These output level of the Signal Generator at each channel frequency is the sensitivity of the EUT;
5. Select the lowest or worst case sensitivity level for all of the bands as the reference sensitivity;
6. Adjust the Signal Generator output to a level of +60 dB above the reference sensitivity obtained in step 5 and its frequency to the frequency point in the Cellular Band;
7. Set the EUT squelch to threshold, the signal required to open the squelch must be lower than the reference sensitivity level;
8. Set the EUT in a scanning mode and allow it to scan through it's complete receiving range;
9. If the EUT un-squelched or stopped on any frequency, receiving at this frequency, then adjust the signal generator output level until 12 dB SINAD is produced, this level is the spurious value and the difference between the reference sensitivity and the spurious value is the rejection ratio and must be at least 38 dB;
10. Repeat above procedure at the frequencies 824, 836, 849 MHz for the mobile band, and 869, 881.5 and 894 MHz for the Cellular Base Band.

# 4. TEST DATA AND RESULTS

## 4.1 AC Line Conducted Emissions

| | | | |
|---|---|---|---|
| Serial Number: | 25W9-1 | Test Date: | 2023/06/02 |
| Test Site: | CE | Test Mode: | M1,M2,M3,M4 |
| Tester: | David Huang | Test Result: | Pass |

| **Environmental Conditions:** | | | | | |
|---|---|---|---|---|---|
| Temperature: (℃) | 24.8 | Relative Humidity: (%) | 59 | ATM Pressure: (kPa) | 100.5 |

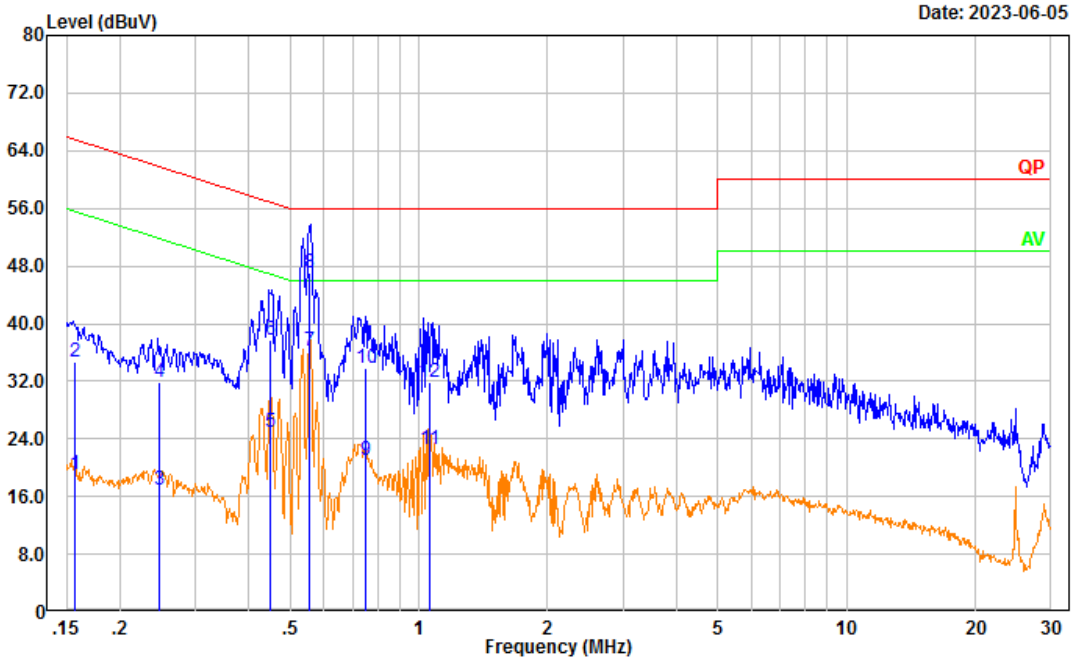
**Test Equipment List and Details:**

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|---|---|---|---|---|---|
| R&S | LISN | ENV216 | 101134 | 2023/03/31 | 2024/03/30 |
| R&S | EMI Test Receiver | ESR3 | 102726 | 2022/07/15 | 2023/07/14 |
| MICRO-COAX | Coaxial Cable | UTIFLEX | C-0200-01 | 2022/08/07 | 2023/08/06 |
| Audix | Test Software | E3 | 190306 (V9) | N/A | N/A |

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

**Test Mode:** *M2*
**Charging& Scanning**
**Line:**

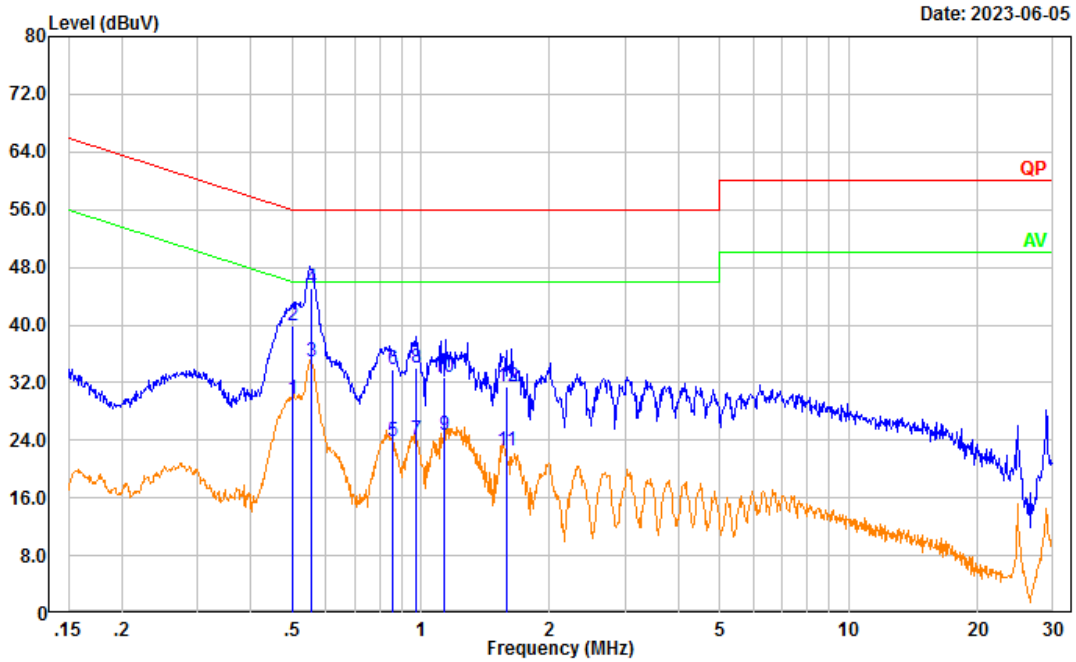
Test Mode: Charging& Scanning
Port: Line
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB) | Result (dBµV) | Limit (dBµV) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 0.157 | 9.53 | 9.61 | 19.14 | 55.63 | 36.49 | Average |
| 2 | 0.157 | 25.10 | 9.61 | 34.71 | 65.63 | 30.92 | QP |
| 3 | 0.247 | 7.28 | 9.61 | 16.89 | 51.87 | 34.98 | Average |
| 4 | 0.247 | 22.26 | 9.61 | 31.87 | 61.87 | 30.00 | QP |
| 5 | 0.451 | 15.22 | 9.61 | 24.83 | 46.86 | 22.03 | Average |
| 6 | 0.451 | 28.14 | 9.61 | 37.75 | 56.86 | 19.11 | QP |
| 7 | 0.556 | 26.66 | 9.62 | 36.28 | 46.00 | 9.72 | Average |
| 8 | 0.556 | 37.37 | 9.62 | 46.99 | 56.00 | 9.01 | QP |
| 9 | 0.750 | 11.32 | 9.62 | 20.94 | 46.00 | 25.06 | Average |
| 10 | 0.750 | 24.14 | 9.62 | 33.76 | 56.00 | 22.24 | QP |
| 11 | 1.056 | 13.03 | 9.62 | 22.65 | 46.00 | 23.35 | Average |
| 12 | 1.056 | 22.31 | 9.62 | 31.93 | 56.00 | 24.07 | QP |

**Neutral:**

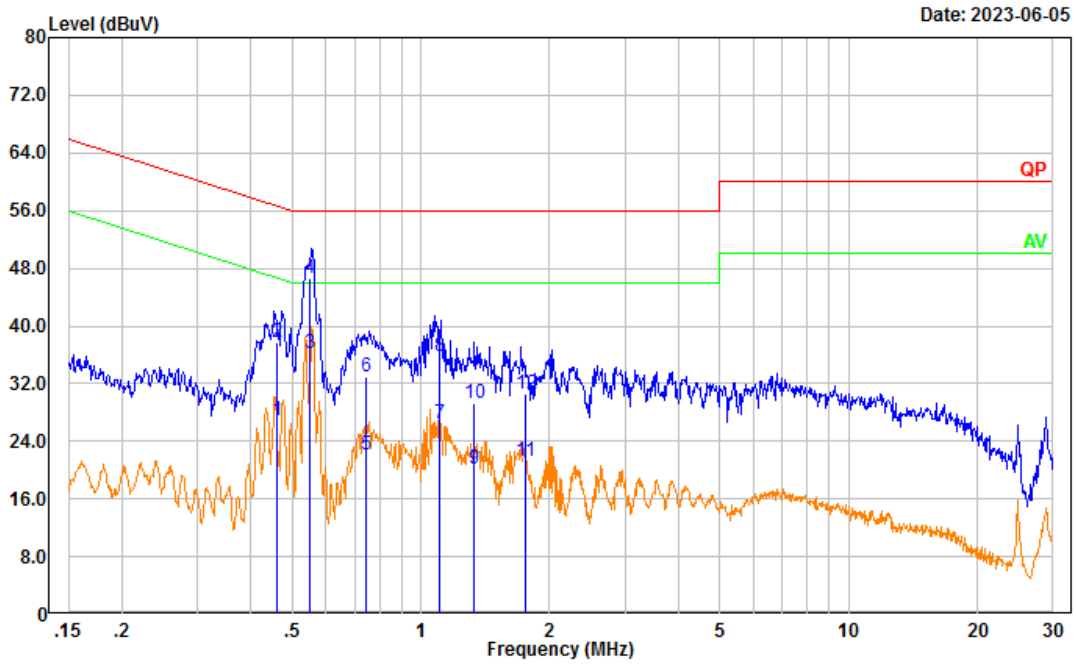
Test Mode: Charging& Scanning
Port: neutral
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB) | Result (dBµV) | Limit (dBµV) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 0.503 | 20.10 | 9.61 | 29.71 | 46.00 | 16.29 | Average |
| 2 | 0.503 | 30.37 | 9.61 | 39.98 | 56.00 | 16.02 | QP |
| 3 | 0.553 | 25.27 | 9.62 | 34.89 | 46.00 | 11.11 | Average |
| 4 | 0.553 | 35.53 | 9.62 | 45.15 | 56.00 | 10.85 | QP |
| 5 | 0.856 | 14.28 | 9.62 | 23.90 | 46.00 | 22.10 | Average |
| 6 | 0.856 | 24.22 | 9.62 | 33.84 | 56.00 | 22.16 | QP |
| 7 | 0.972 | 14.37 | 9.62 | 23.99 | 46.00 | 22.01 | Average |
| 8 | 0.972 | 24.39 | 9.62 | 34.01 | 56.00 | 21.99 | QP |
| 9 | 1.129 | 15.06 | 9.62 | 24.68 | 46.00 | 21.32 | Average |
| 10 | 1.129 | 23.20 | 9.62 | 32.82 | 56.00 | 23.18 | QP |
| 11 | 1.588 | 12.94 | 9.63 | 22.57 | 46.00 | 23.43 | Average |
| 12 | 1.588 | 21.73 | 9.63 | 31.36 | 56.00 | 24.64 | QP |

**Test Mode:** *M1 (worst case is operating at 136.0125MHz)*
**Line:**

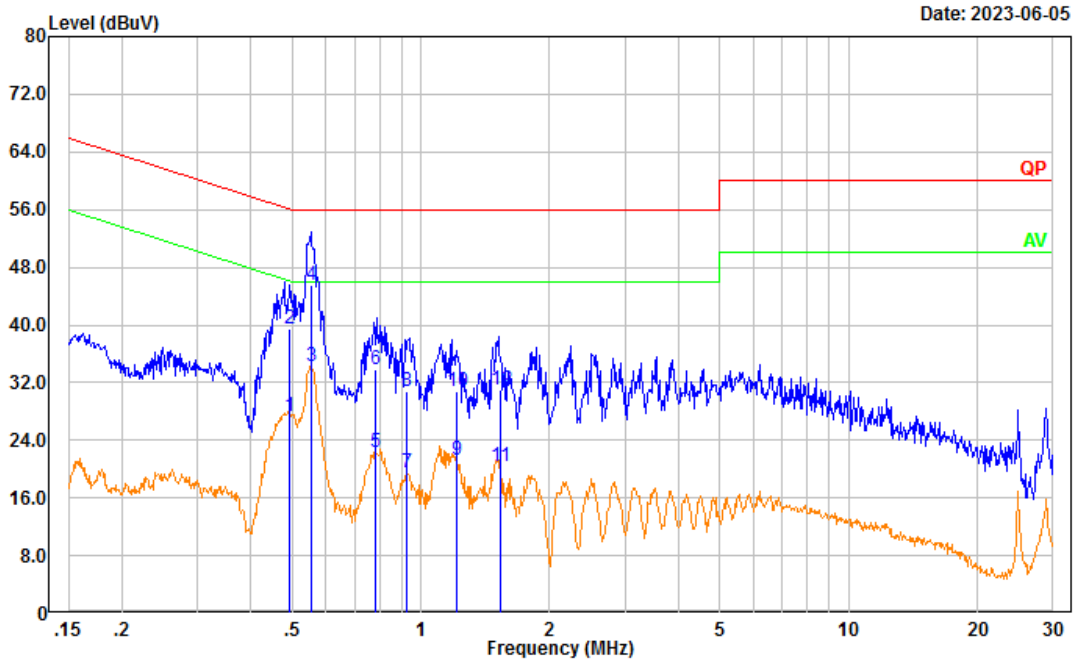
Test Mode: Charging& Receiveing
Port: Line
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB) | Result (dBµV) | Limit (dBµV) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 0.462 | 17.36 | 9.61 | 26.97 | 46.65 | 19.68 | Average |
| 2 | 0.462 | 28.14 | 9.61 | 37.75 | 56.65 | 18.90 | QP |
| 3 | 0.552 | 26.48 | 9.62 | 36.10 | 46.00 | 9.90 | Average |
| 4 | 0.552 | 36.99 | 9.62 | 46.61 | 56.00 | 9.39 | QP |
| 5 | 0.744 | 12.43 | 9.62 | 22.05 | 46.00 | 23.95 | Average |
| 6 | 0.744 | 23.40 | 9.62 | 33.02 | 56.00 | 22.98 | QP |
| 7 | 1.106 | 16.76 | 9.62 | 26.38 | 46.00 | 19.62 | Average |
| 8 | 1.106 | 26.10 | 9.62 | 35.72 | 56.00 | 20.28 | QP |
| 9 | 1.334 | 10.58 | 9.62 | 20.20 | 46.00 | 25.80 | Average |
| 10 | 1.334 | 19.71 | 9.62 | 29.33 | 56.00 | 26.67 | QP |
| 11 | 1.756 | 11.63 | 9.63 | 21.26 | 46.00 | 24.74 | Average |
| 12 | 1.756 | 20.95 | 9.63 | 30.58 | 56.00 | 25.42 | QP |

**Neutral:**

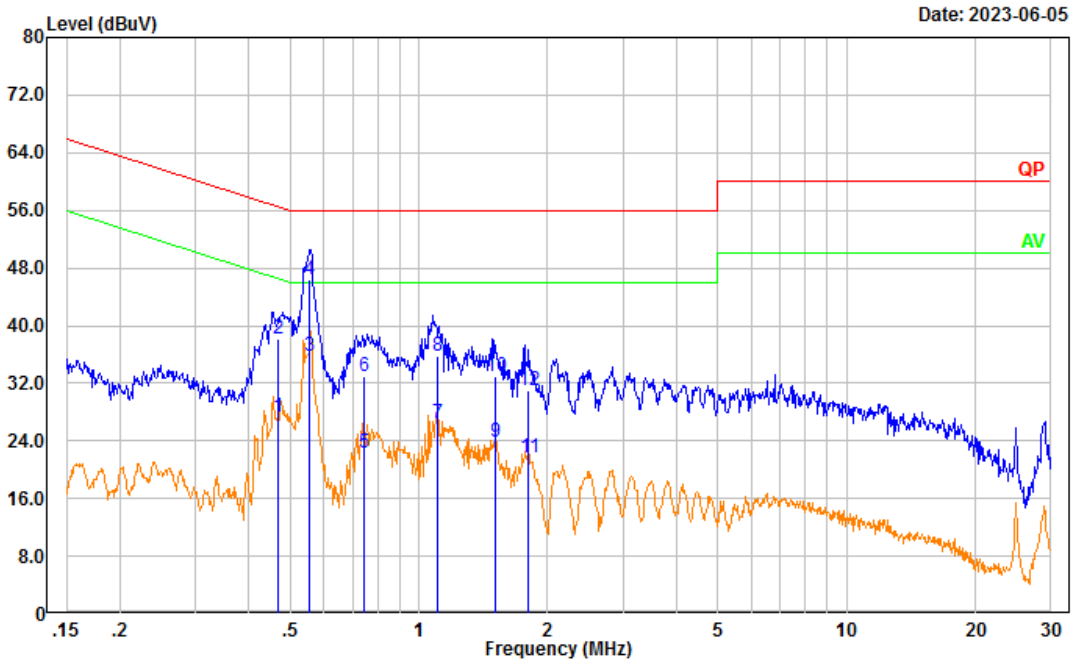
Test Mode: Charging& Rceiveing
Port: neutral
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB) | Result (dBµV) | Limit (dBµV) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 0.492 | 17.70 | 9.61 | 27.31 | 46.13 | 18.82 | Average |
| 2 | 0.492 | 29.79 | 9.61 | 39.40 | 56.13 | 16.73 | QP |
| 3 | 0.553 | 24.60 | 9.62 | 34.22 | 46.00 | 11.78 | Average |
| 4 | 0.553 | 35.97 | 9.62 | 45.59 | 56.00 | 10.41 | QP |
| 5 | 0.784 | 12.61 | 9.62 | 22.23 | 46.00 | 23.77 | Average |
| 6 | 0.784 | 24.24 | 9.62 | 33.86 | 56.00 | 22.14 | QP |
| 7 | 0.926 | 9.85 | 9.62 | 19.47 | 46.00 | 26.53 | Average |
| 8 | 0.926 | 21.09 | 9.62 | 30.71 | 56.00 | 25.29 | QP |
| 9 | 1.212 | 11.71 | 9.62 | 21.33 | 46.00 | 24.67 | Average |
| 10 | 1.212 | 21.22 | 9.62 | 30.84 | 56.00 | 25.16 | QP |
| 11 | 1.531 | 10.77 | 9.63 | 20.40 | 46.00 | 25.60 | Average |
| 12 | 1.531 | 21.43 | 9.63 | 31.06 | 56.00 | 24.94 | QP |

**Test Mode:** *M3 (worst case is operating at 65.1MHz)*
Charging& FM Receiving
**Line:**

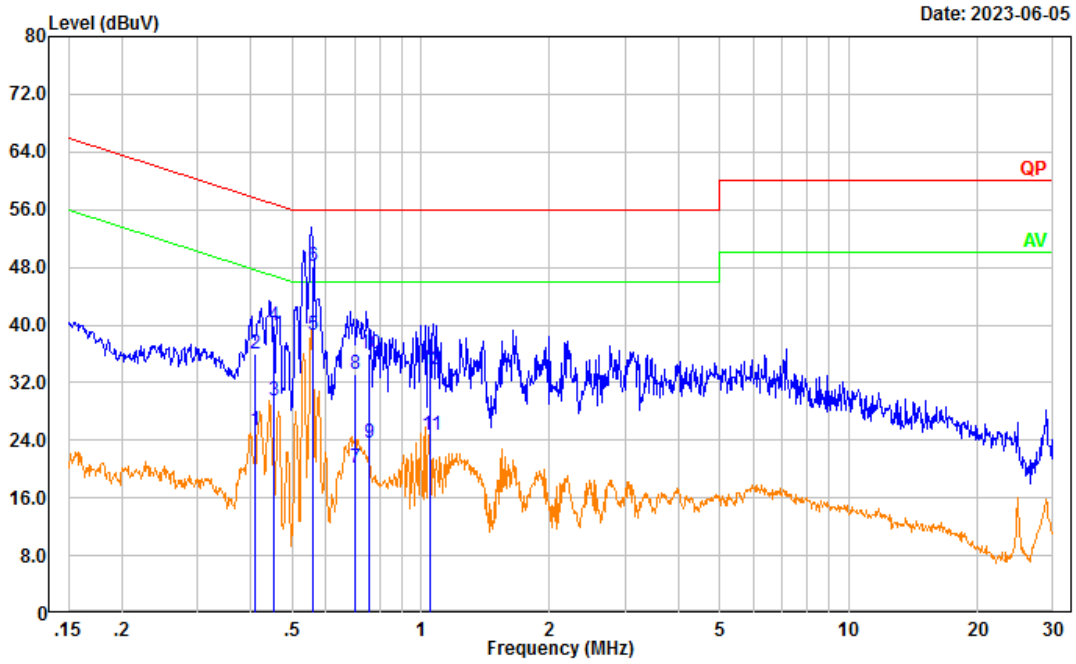
Test Mode: Charging& FM Receiving
Port: Line
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB) | Result (dBµV) | Limit (dBµV) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 0.470 | 17.72 | 9.61 | 27.33 | 46.51 | 19.18 | Average |
| 2 | 0.470 | 28.48 | 9.61 | 38.09 | 56.51 | 18.42 | QP |
| 3 | 0.555 | 26.19 | 9.62 | 35.81 | 46.00 | 10.19 | Average |
| 4 | 0.555 | 36.79 | 9.62 | 46.41 | 56.00 | 9.59 | QP |
| 5 | 0.746 | 12.63 | 9.62 | 22.25 | 46.00 | 23.75 | Average |
| 6 | 0.746 | 23.35 | 9.62 | 32.97 | 56.00 | 23.03 | QP |
| 7 | 1.106 | 16.84 | 9.62 | 26.46 | 46.00 | 19.54 | Average |
| 8 | 1.106 | 26.17 | 9.62 | 35.79 | 56.00 | 20.21 | QP |
| 9 | 1.505 | 14.24 | 9.63 | 23.87 | 46.00 | 22.13 | Average |
| 10 | 1.505 | 23.34 | 9.63 | 32.97 | 56.00 | 23.03 | QP |
| 11 | 1.805 | 12.01 | 9.63 | 21.64 | 46.00 | 24.36 | Average |
| 12 | 1.805 | 21.43 | 9.63 | 31.06 | 56.00 | 24.94 | QP |

**Neutral:**

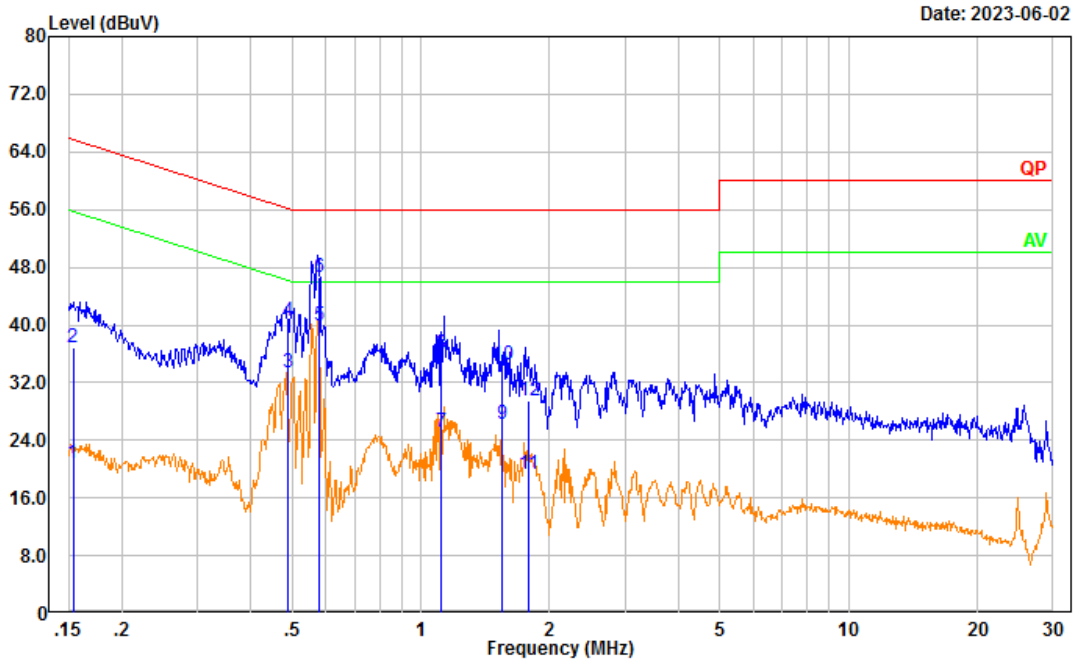
Test Mode: Charging& FM Receiving
Port: neutral
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB) | Result (dBµV) | Limit (dBµV) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 0.411 | 15.74 | 9.61 | 25.35 | 47.63 | 22.28 | Average |
| 2 | 0.411 | 26.28 | 9.61 | 35.89 | 57.63 | 21.74 | QP |
| 3 | 0.452 | 19.90 | 9.61 | 29.51 | 46.84 | 17.33 | Average |
| 4 | 0.452 | 30.31 | 9.61 | 39.92 | 56.84 | 16.92 | QP |
| 5 | 0.559 | 28.88 | 9.62 | 38.50 | 46.00 | 7.50 | Average |
| 6 | 0.559 | 38.54 | 9.62 | 48.16 | 56.00 | 7.84 | QP |
| 7 | 0.703 | 10.49 | 9.62 | 20.11 | 46.00 | 25.89 | Average |
| 8 | 0.703 | 23.61 | 9.62 | 33.23 | 56.00 | 22.77 | QP |
| 9 | 0.756 | 14.10 | 9.62 | 23.72 | 46.00 | 22.28 | Average |
| 10 | 0.756 | 26.38 | 9.62 | 36.00 | 56.00 | 20.00 | QP |
| 11 | 1.054 | 15.06 | 9.62 | 24.68 | 46.00 | 21.32 | Average |
| 12 | 1.054 | 24.15 | 9.62 | 33.77 | 56.00 | 22.23 | QP |

**Test Mode:** *M4 (worst case is operating at 163.275MHz)*
**Line:**

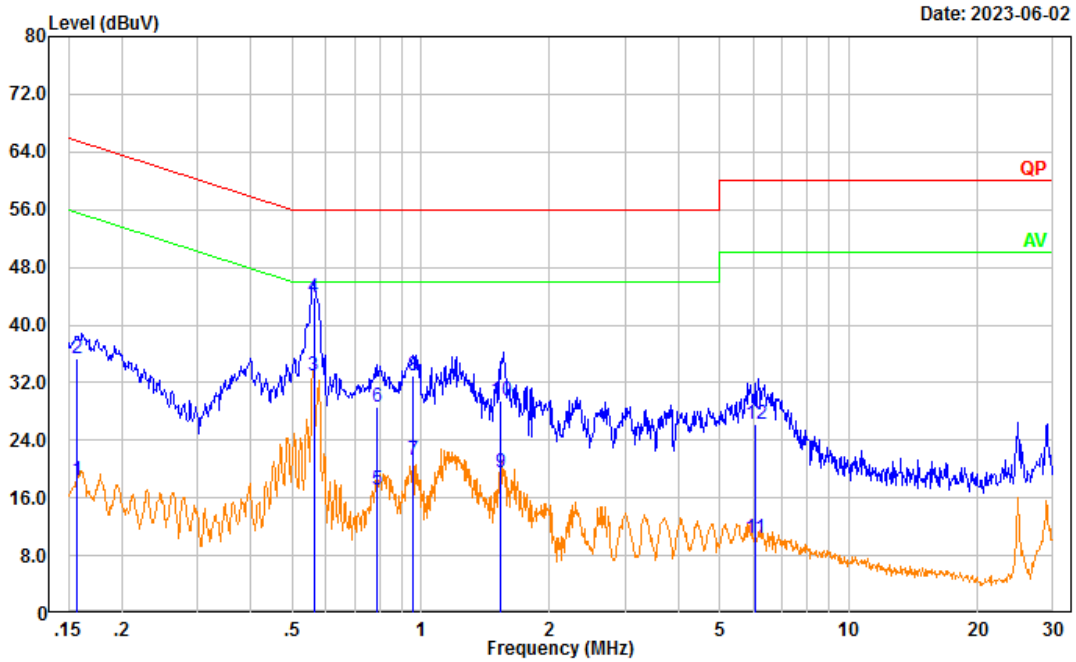
Test Mode: Charging& NOAA receiving
Port: Line
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB) | Result (dBµV) | Limit (dBµV) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 0.154 | 11.13 | 9.61 | 20.74 | 55.80 | 35.06 | Average |
| 2 | 0.154 | 27.17 | 9.61 | 36.78 | 65.80 | 29.02 | QP |
| 3 | 0.487 | 23.73 | 9.61 | 33.34 | 46.21 | 12.87 | Average |
| 4 | 0.487 | 30.88 | 9.61 | 40.49 | 56.21 | 15.72 | QP |
| 5 | 0.577 | 30.37 | 9.62 | 39.99 | 46.00 | 6.01 | Average |
| 6 | 0.577 | 37.10 | 9.62 | 46.72 | 56.00 | 9.28 | QP |
| 7 | 1.115 | 15.55 | 9.62 | 25.17 | 46.00 | 20.83 | Average |
| 8 | 1.115 | 26.43 | 9.62 | 36.05 | 56.00 | 19.95 | QP |
| 9 | 1.552 | 16.60 | 9.63 | 26.23 | 46.00 | 19.77 | Average |
| 10 | 1.552 | 24.77 | 9.63 | 34.40 | 56.00 | 21.60 | QP |
| 11 | 1.779 | 9.74 | 9.63 | 19.37 | 46.00 | 26.63 | Average |
| 12 | 1.779 | 19.86 | 9.63 | 29.49 | 56.00 | 26.51 | QP |

**Neutral:**

Test Mode: Charging& NOAA receiving
Port: neutral
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB) | Result (dBµV) | Limit (dBµV) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 0.157 | 8.71 | 9.61 | 18.32 | 55.62 | 37.30 | Average |
| 2 | 0.157 | 25.76 | 9.61 | 35.37 | 65.62 | 30.25 | QP |
| 3 | 0.562 | 23.24 | 9.62 | 32.86 | 46.00 | 13.14 | Average |
| 4 | 0.562 | 34.09 | 9.62 | 43.71 | 56.00 | 12.29 | QP |
| 5 | 0.790 | 7.44 | 9.62 | 17.06 | 46.00 | 28.94 | Average |
| 6 | 0.790 | 19.06 | 9.62 | 28.68 | 56.00 | 27.32 | QP |
| 7 | 0.960 | 11.65 | 9.62 | 21.27 | 46.00 | 24.73 | Average |
| 8 | 0.960 | 23.35 | 9.62 | 32.97 | 56.00 | 23.03 | QP |
| 9 | 1.537 | 9.86 | 9.63 | 19.49 | 46.00 | 26.51 | Average |
| 10 | 1.537 | 19.81 | 9.63 | 29.44 | 56.00 | 26.56 | QP |
| 11 | 6.046 | 0.70 | 9.66 | 10.36 | 50.00 | 39.64 | Average |
| 12 | 6.046 | 16.53 | 9.66 | 26.19 | 60.00 | 33.81 | QP |

## 4.2 Radiation Spurious Emissions

| | | | |
|---|---|---|---|
| Serial Number: | 25W9-1 | Test Date: | 2023/06/05~2023/06/29 |
| Test Site: | 966-1,966-2 | Test Mode: | M1,M2,M3,M4 |
| Tester: | Tao Zhu, Mack Huang, Carl Xue | Test Result: | Pass |

| **Environmental Conditions:** | | | | | |
|---|---|---|---|---|---|
| Temperature: (℃) | 24.3~27.2 | Relative Humidity: (%) | 58~64 | ATM Pressure: (kPa) | 100.2~100.4 |

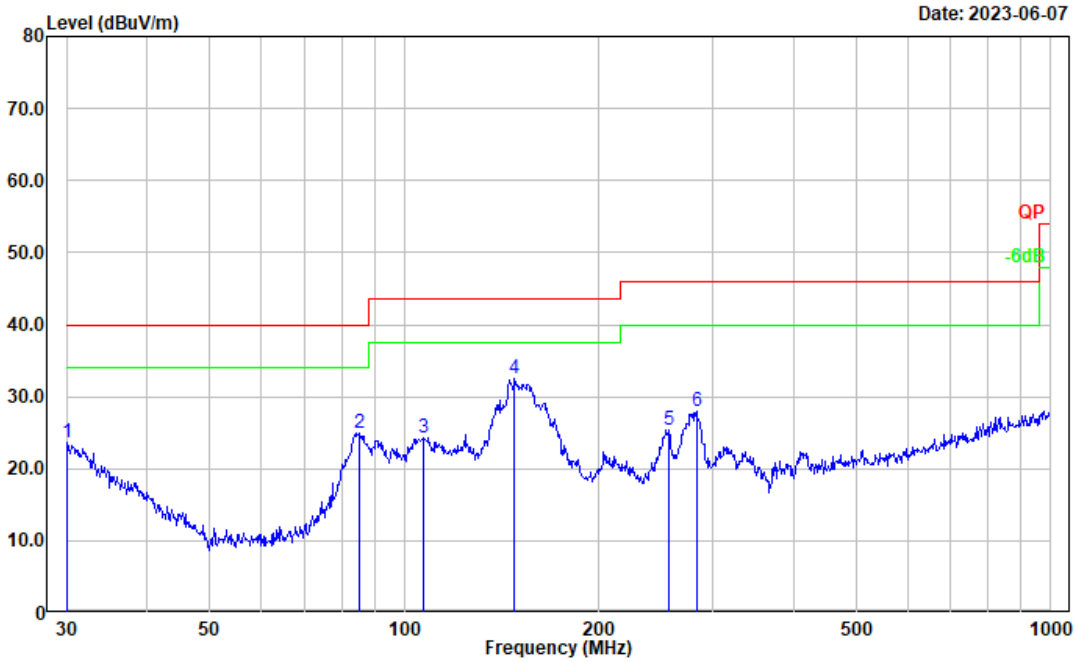
**Test Equipment List and Details:**

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|---|---|---|---|---|---|
| Sunol Sciences | Antenna | JB6 | A082520-5 | 2020/10/19 | 2023/10/18 |
| R&S | EMI Test Receiver | ESR3 | 102724 | 2022/07/15 | 2023/07/14 |
| TIMES MICROWAVE | Coaxial Cable | LMR-600-UltraFlex | C-0470-02 | 2022/07/17 | 2023/07/16 |
| TIMES MICROWAVE | Coaxial Cable | LMR-600-UltraFlex | C-0780-01 | 2022/07/17 | 2023/07/16 |
| Sonoma | Amplifier | 310N | 186165 | 2022/07/17 | 2023/07/16 |
| ETS-Lindgren | Horn Antenna | 3115 | 9912-5985 | 2020/10/13 | 2023/10/12 |
| R&S | Spectrum Analyzer | FSV40 | 101591 | 2022/07/15 | 2023/07/14 |
| MICRO-COAX | Coaxial Cable | UFA210A-1-1200-70U300 | 217423-008 | 2022/08/07 | 2023/08/06 |
| MICRO-COAX | Coaxial Cable | UFA210A-1-2362-300300 | 235780-001 | 2022/08/07 | 2023/08/06 |
| Mini | Pre-amplifier | ZVA-183-S+ | 5969001149 | 2022/11/09 | 2023/11/08 |
| Audix | Test Software | E3 | 201021 (V9) | N/A | N/A |
| E-Microwave | Band Rejection Filter | 2400-2483.5MHz | OE01902424 | 2022/08/07 | 2023/08/06 |
| Mini Circuits | High Pass Filter | VHF-6010+ | 31119 | 2022/08/07 | 2023/08/06 |

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

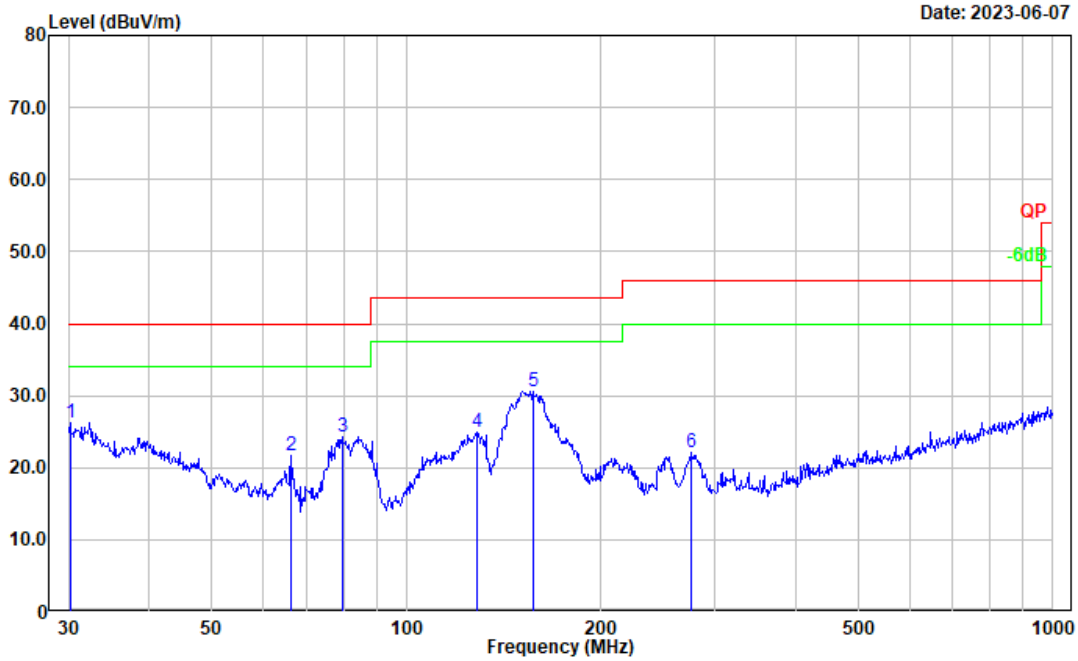
**1) 30MHz-1GHz:**
Test Mode: *M2*
**Charging& Scanning**

Test Mode: Charging& Scanning
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.105 | 27.27 | -3.68 | 23.59 | 40.00 | 16.41 | Peak |
| 2 | 85.298 | 42.20 | -17.19 | 25.01 | 40.00 | 14.99 | Peak |
| 3 | 106.759 | 37.27 | -12.96 | 24.31 | 43.50 | 19.19 | Peak |
| 4 | 147.921 | 44.42 | -11.99 | 32.43 | 43.50 | 11.07 | Peak |
| 5 | 256.521 | 38.12 | -12.70 | 25.42 | 46.00 | 20.58 | Peak |
| 6 | 282.985 | 39.40 | -11.47 | 27.93 | 46.00 | 18.07 | Peak |

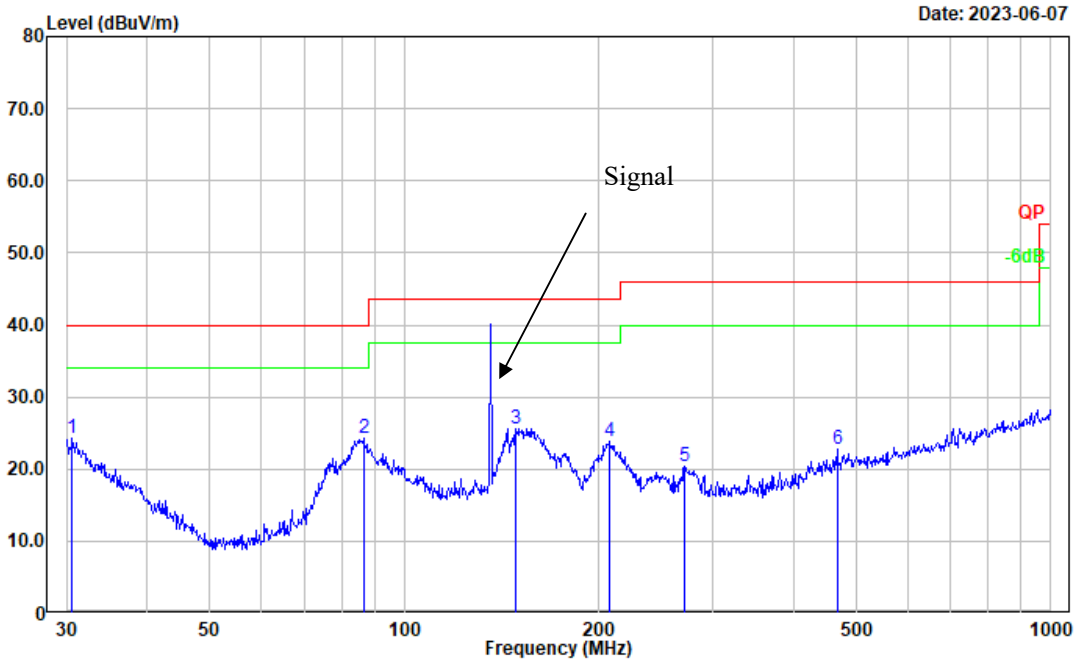
Test Mode: Charging& Scanning
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.211 | 30.07 | -3.76 | 26.31 | 40.00 | 13.69 | Peak |
| 2 | 66.266 | 38.54 | -16.84 | 21.70 | 40.00 | 18.30 | Peak |
| 3 | 79.521 | 41.64 | -17.41 | 24.23 | 40.00 | 15.77 | Peak |
| 4 | 128.563 | 36.12 | -11.28 | 24.84 | 43.50 | 18.66 | Peak |
| 5 | 157.007 | 42.63 | -12.04 | 30.59 | 43.50 | 12.91 | Peak |
| 6 | 275.157 | 34.03 | -11.89 | 22.14 | 46.00 | 23.86 | Peak |

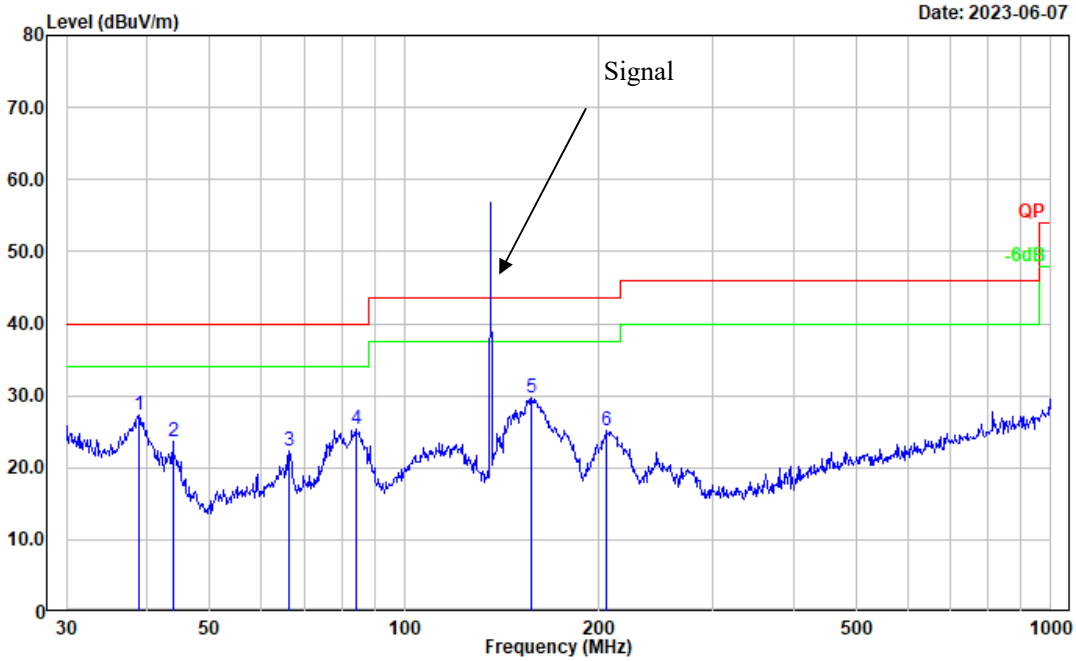
Test Mode: *M1*
*(RX 136.0125MHz)*

Test Mode: Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.638 | 28.47 | -4.09 | 24.38 | 40.00 | 15.62 | Peak |
| 2 | 86.503 | 41.36 | -17.11 | 24.25 | 40.00 | 15.75 | Peak |
| 3 | 148.441 | 37.69 | -12.00 | 25.69 | 43.50 | 17.81 | Peak |
| 4 | 207.850 | 36.24 | -12.43 | 23.81 | 43.50 | 19.69 | Peak |
| 5 | 271.325 | 32.47 | -12.04 | 20.43 | 46.00 | 25.57 | Peak |
| 6 | 467.235 | 29.25 | -6.41 | 22.84 | 46.00 | 23.16 | Peak |

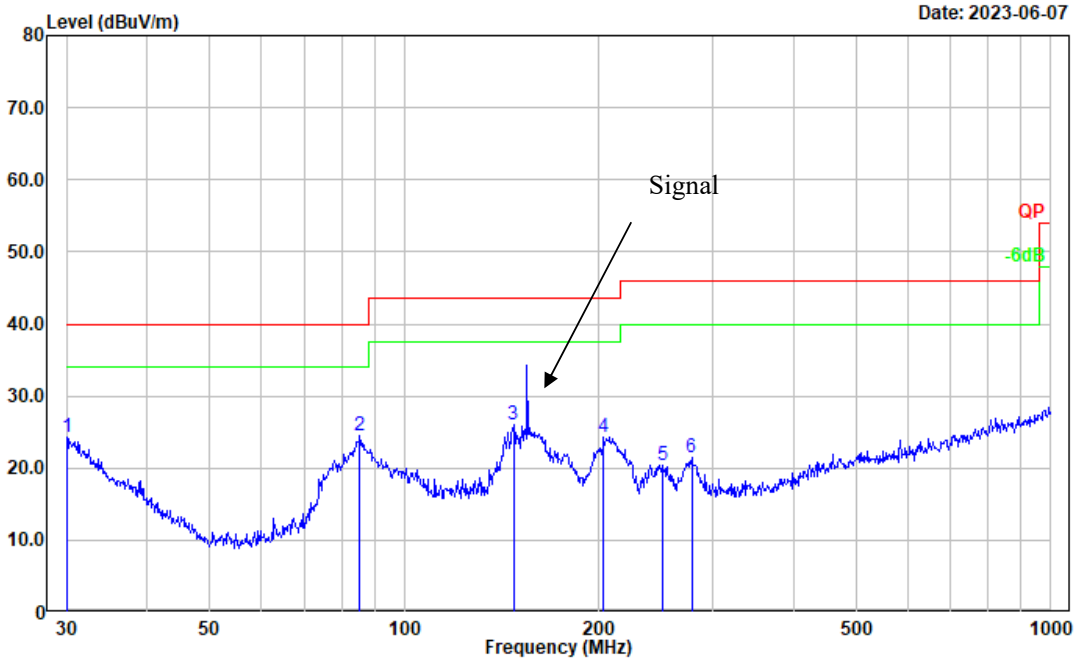
Test Mode: Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 38.752 | 37.58 | -10.32 | 27.26 | 40.00 | 12.74 | Peak |
| 2 | 43.812 | 37.10 | -13.56 | 23.54 | 40.00 | 16.46 | Peak |
| 3 | 66.266 | 39.23 | -16.84 | 22.39 | 40.00 | 17.61 | Peak |
| 4 | 84.110 | 42.53 | -17.23 | 25.30 | 40.00 | 14.70 | Peak |
| 5 | 157.559 | 41.73 | -12.05 | 29.68 | 43.50 | 13.82 | Peak |
| 6 | 204.955 | 37.46 | -12.36 | 25.10 | 43.50 | 18.40 | Peak |

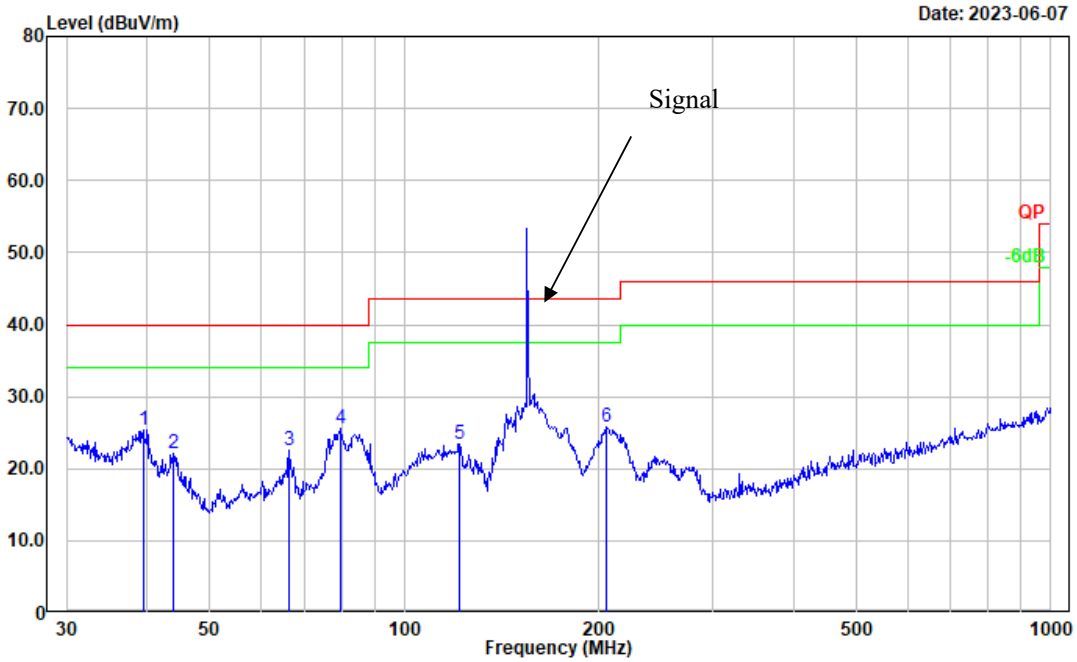
(RX 155MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.105 | 28.00 | -3.68 | 24.32 | 40.00 | 15.68 | Peak |
| 2 | 85.298 | 41.68 | -17.19 | 24.49 | 40.00 | 15.51 | Peak |
| 3 | 147.404 | 38.05 | -11.99 | 26.06 | 43.50 | 17.44 | Peak |
| 4 | 203.523 | 36.64 | -12.32 | 24.32 | 43.50 | 19.18 | Peak |
| 5 | 250.301 | 33.54 | -13.08 | 20.46 | 46.00 | 25.54 | Peak |
| 6 | 278.067 | 33.29 | -11.75 | 21.54 | 46.00 | 24.46 | Peak |

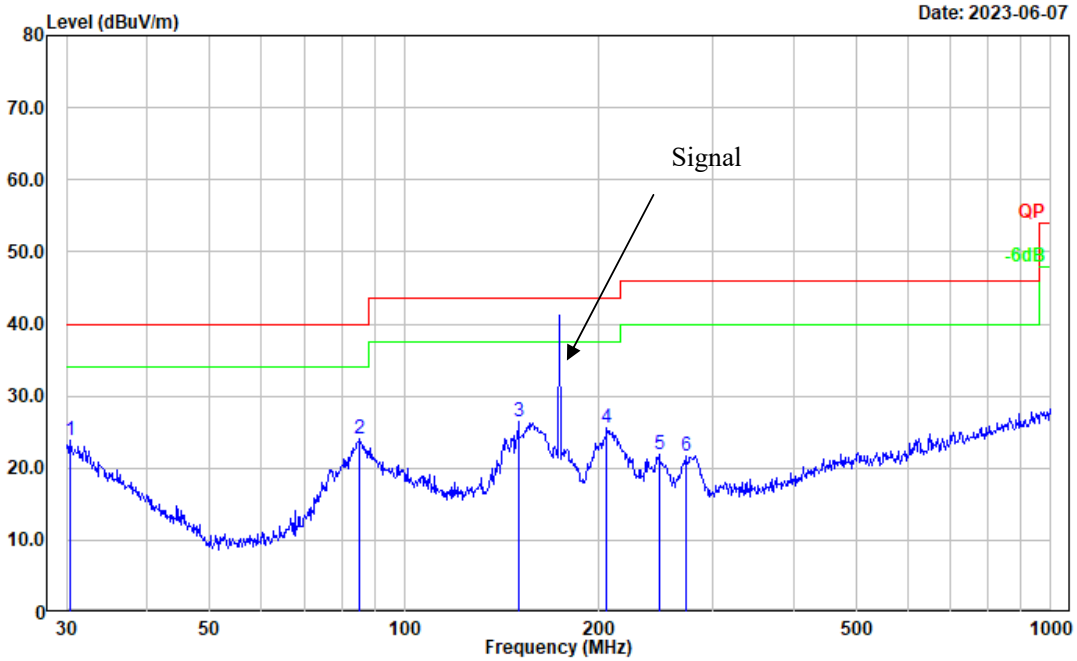
Test Mode: Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 39.437 | 36.24 | -10.87 | 25.37 | 40.00 | 14.63 | Peak |
| 2 | 43.966 | 35.70 | -13.65 | 22.05 | 40.00 | 17.95 | Peak |
| 3 | 66.266 | 39.41 | -16.84 | 22.57 | 40.00 | 17.43 | Peak |
| 4 | 79.800 | 42.98 | -17.44 | 25.54 | 40.00 | 14.46 | Peak |
| 5 | 121.549 | 34.94 | -11.43 | 23.51 | 43.50 | 19.99 | Peak |
| 6 | 204.955 | 38.10 | -12.36 | 25.74 | 43.50 | 17.76 | Peak |

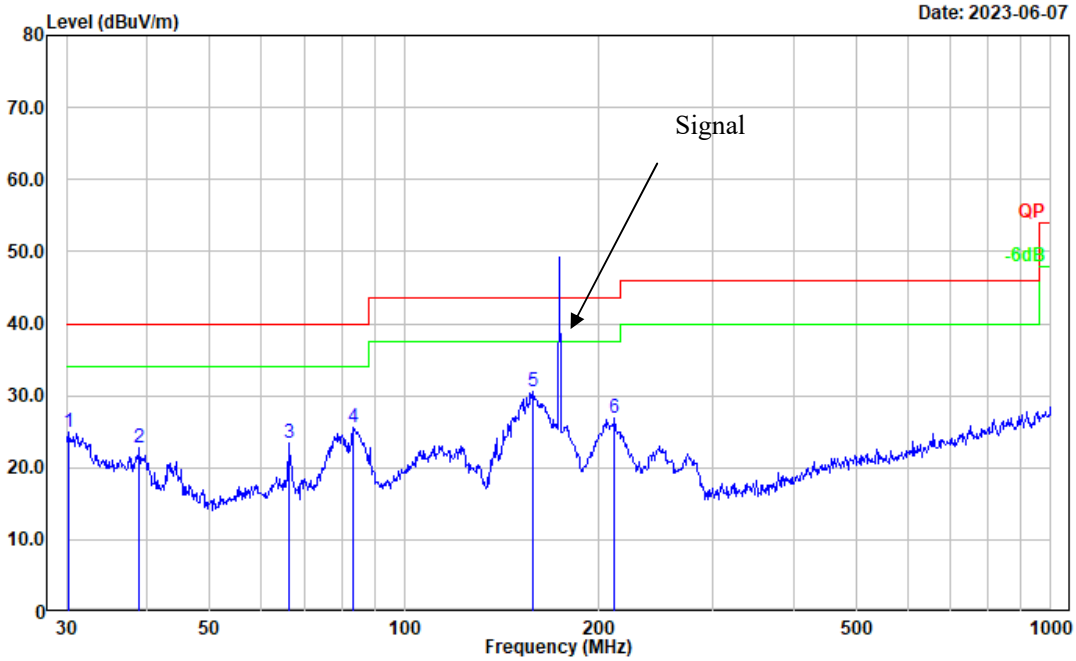
(RX 173.9875 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.424 | 27.80 | -3.93 | 23.87 | 40.00 | 16.13 | Peak |
| 2 | 85.298 | 41.19 | -17.19 | 24.00 | 40.00 | 16.00 | Peak |
| 3 | 150.011 | 38.50 | -12.00 | 26.50 | 43.50 | 17.00 | Peak |
| 4 | 205.675 | 37.90 | -12.37 | 25.53 | 43.50 | 17.97 | Peak |
| 5 | 247.682 | 34.92 | -13.04 | 21.88 | 46.00 | 24.12 | Peak |
| 6 | 272.278 | 33.74 | -12.00 | 21.74 | 46.00 | 24.26 | Peak |

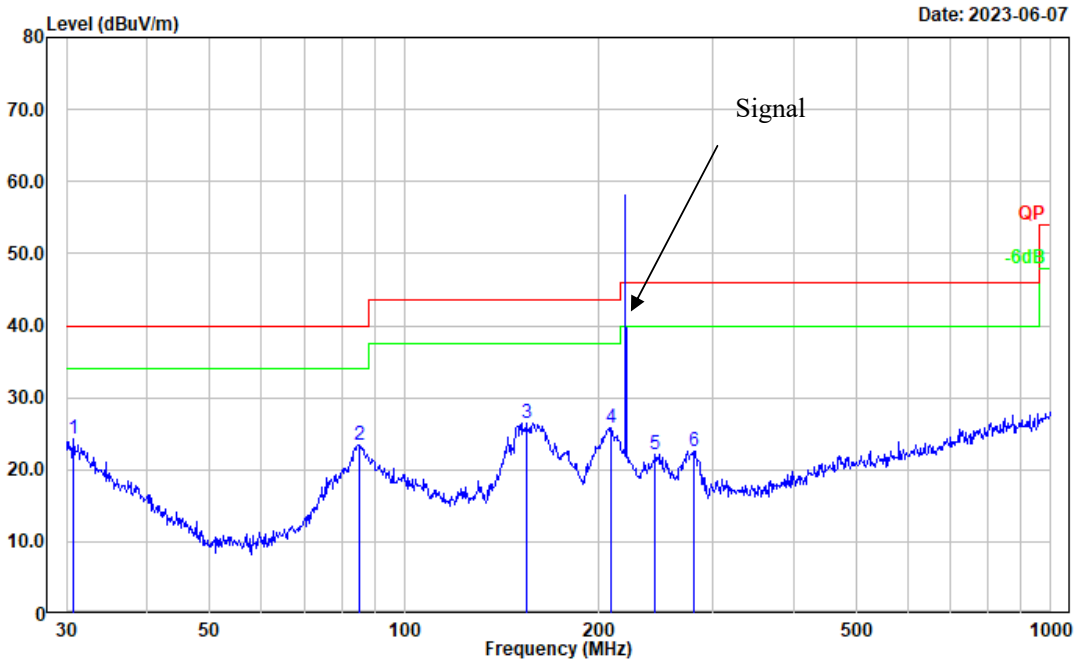
Test Mode: Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.317 | 28.89 | -3.85 | 25.04 | 40.00 | 14.96 | Peak |
| 2 | 38.888 | 33.25 | -10.43 | 22.82 | 40.00 | 17.18 | Peak |
| 3 | 66.266 | 40.16 | -16.84 | 23.32 | 40.00 | 16.68 | Peak |
| 4 | 83.230 | 42.74 | -17.23 | 25.51 | 40.00 | 14.49 | Peak |
| 5 | 158.112 | 42.64 | -12.06 | 30.58 | 43.50 | 12.92 | Peak |
| 6 | 211.527 | 39.40 | -12.52 | 26.88 | 43.50 | 16.62 | Peak |

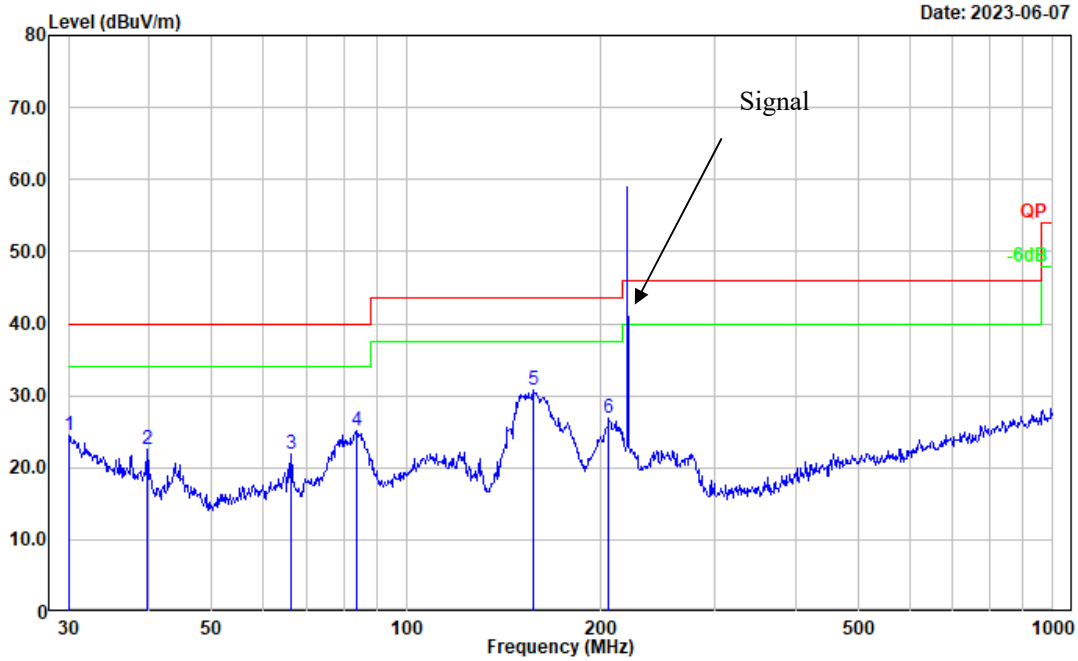
(RX 220.0125 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.745 | 28.35 | -4.17 | 24.18 | 40.00 | 15.82 | Peak |
| 2 | 84.999 | 40.70 | -17.19 | 23.51 | 40.00 | 16.49 | Peak |
| 3 | 154.279 | 38.51 | -12.03 | 26.48 | 43.50 | 17.02 | Peak |
| 4 | 208.580 | 38.21 | -12.44 | 25.77 | 43.50 | 17.73 | Peak |
| 5 | 244.232 | 35.13 | -12.98 | 22.15 | 46.00 | 23.85 | Peak |
| 6 | 281.008 | 34.20 | -11.60 | 22.60 | 46.00 | 23.40 | Peak |

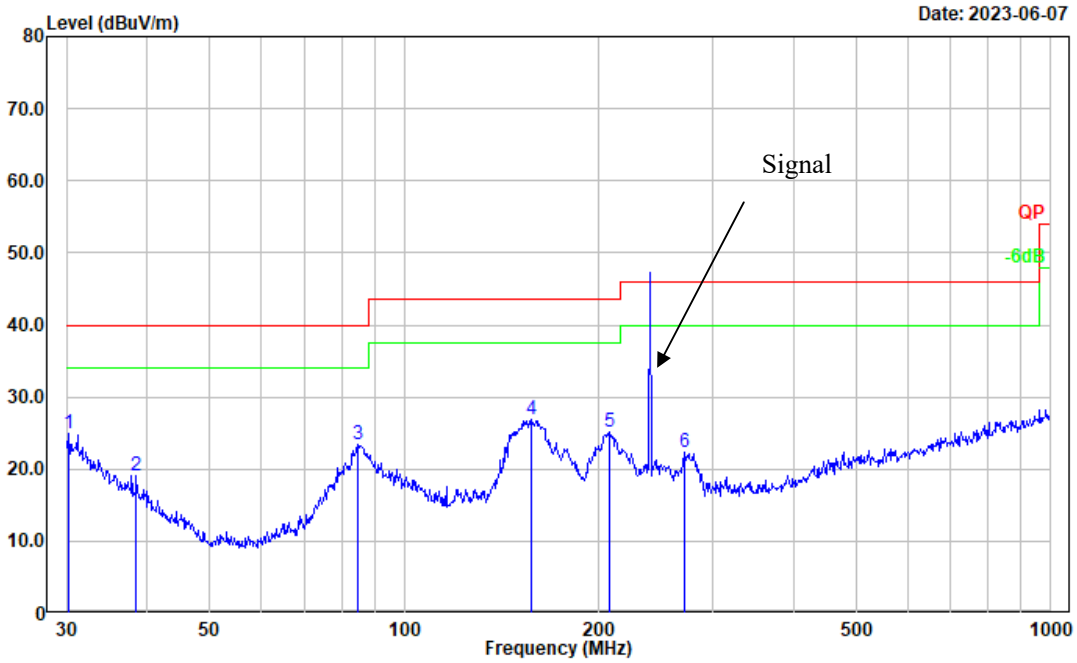
Test Mode: Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.000 | 28.00 | -3.60 | 24.40 | 40.00 | 15.60 | Peak |
| 2 | 39.715 | 33.55 | -11.09 | 22.46 | 40.00 | 17.54 | Peak |
| 3 | 66.266 | 38.66 | -16.84 | 21.82 | 40.00 | 18.18 | Peak |
| 4 | 83.816 | 42.40 | -17.24 | 25.16 | 40.00 | 14.84 | Peak |
| 5 | 157.007 | 42.78 | -12.04 | 30.74 | 43.50 | 12.76 | Peak |
| 6 | 205.675 | 39.28 | -12.37 | 26.91 | 43.50 | 16.59 | Peak |

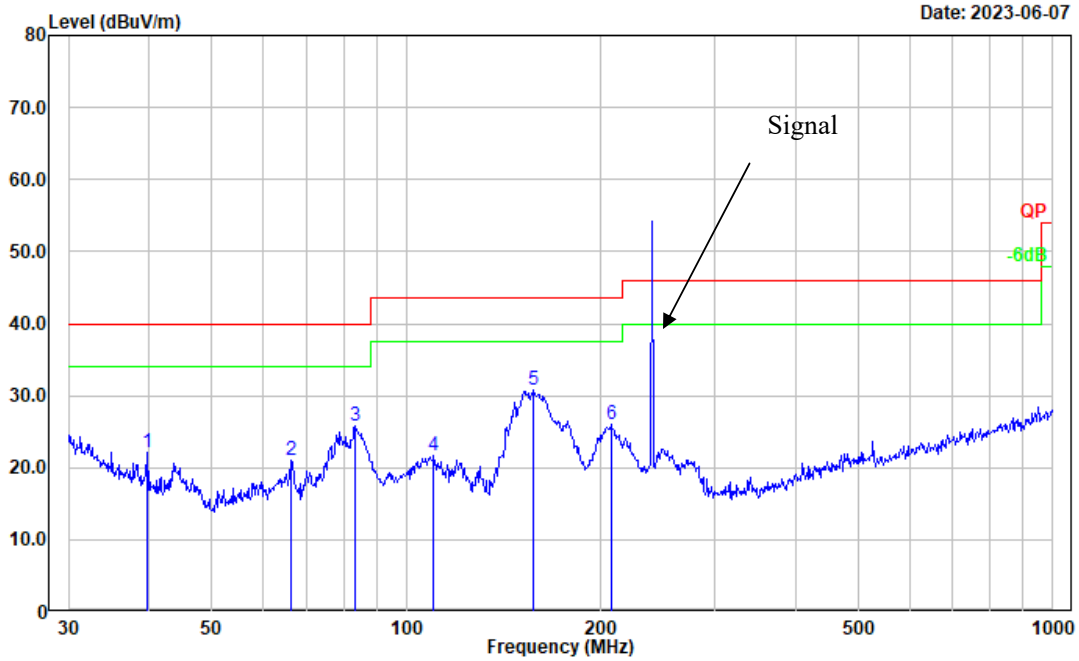
(RX 240 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.317 | 28.81 | -3.85 | 24.96 | 40.00 | 15.04 | Peak |
| 2 | 38.481 | 29.19 | -10.11 | 19.08 | 40.00 | 20.92 | Peak |
| 3 | 84.702 | 40.62 | -17.20 | 23.42 | 40.00 | 16.58 | Peak |
| 4 | 157.559 | 38.87 | -12.05 | 26.82 | 43.50 | 16.68 | Peak |
| 5 | 207.123 | 37.65 | -12.40 | 25.25 | 43.50 | 18.25 | Peak |
| 6 | 271.325 | 34.42 | -12.04 | 22.38 | 46.00 | 23.62 | Peak |

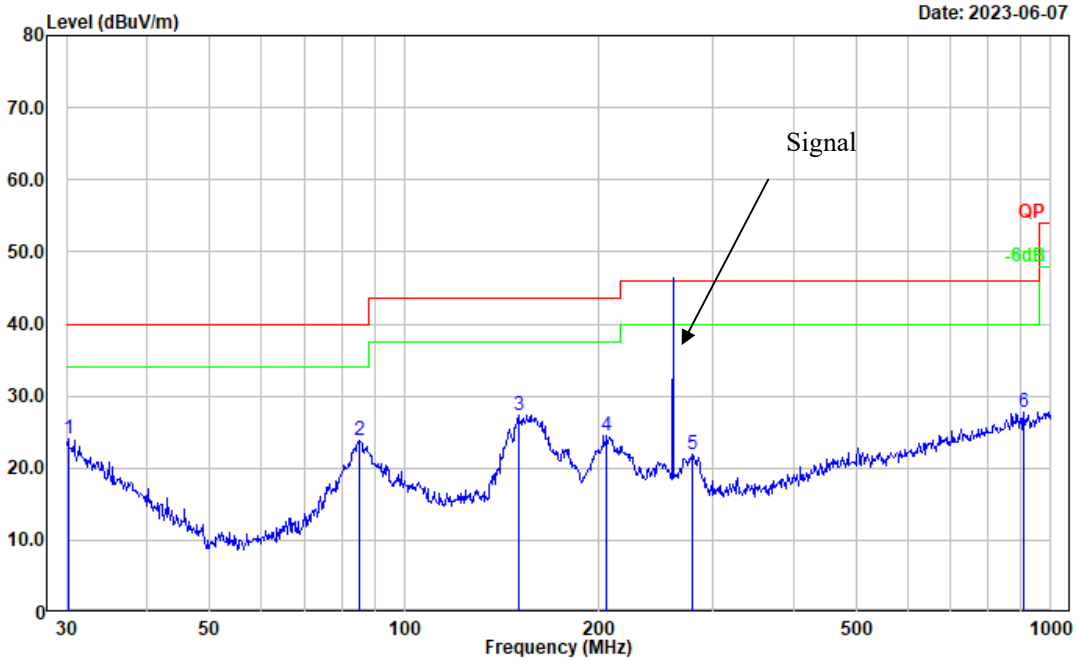
Test Mode: Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 39.715 | 33.31 | -11.09 | 22.22 | 40.00 | 17.78 | Peak |
| 2 | 66.266 | 37.96 | -16.84 | 21.12 | 40.00 | 18.88 | Peak |
| 3 | 83.230 | 42.93 | -17.23 | 25.70 | 40.00 | 14.30 | Peak |
| 4 | 110.182 | 33.99 | -12.32 | 21.67 | 43.50 | 21.83 | Peak |
| 5 | 157.559 | 42.74 | -12.05 | 30.69 | 43.50 | 12.81 | Peak |
| 6 | 207.123 | 38.37 | -12.40 | 25.97 | 43.50 | 17.53 | Peak |

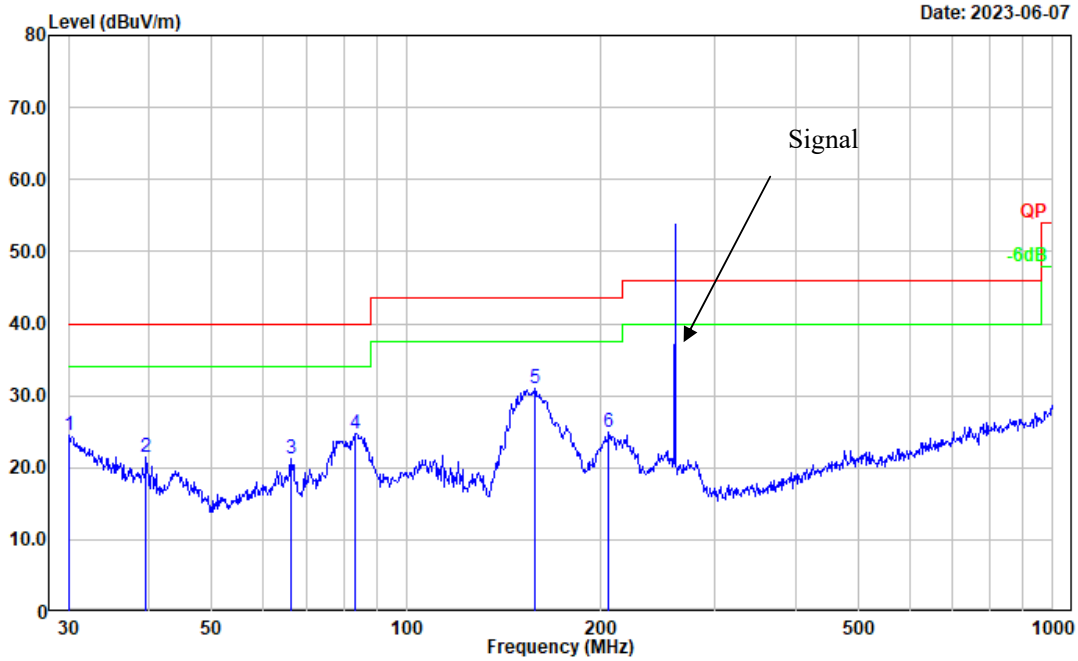
(RX 259.9875 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.211 | 27.91 | -3.76 | 24.15 | 40.00 | 15.85 | Peak |
| 2 | 84.999 | 40.97 | -17.19 | 23.78 | 40.00 | 16.22 | Peak |
| 3 | 150.011 | 39.38 | -12.00 | 27.38 | 43.50 | 16.12 | Peak |
| 4 | 205.675 | 36.98 | -12.37 | 24.61 | 43.50 | 18.89 | Peak |
| 5 | 279.044 | 33.57 | -11.71 | 21.86 | 46.00 | 24.14 | Peak |
| 6 | 909.667 | 28.36 | -0.68 | 27.68 | 46.00 | 18.32 | Peak |

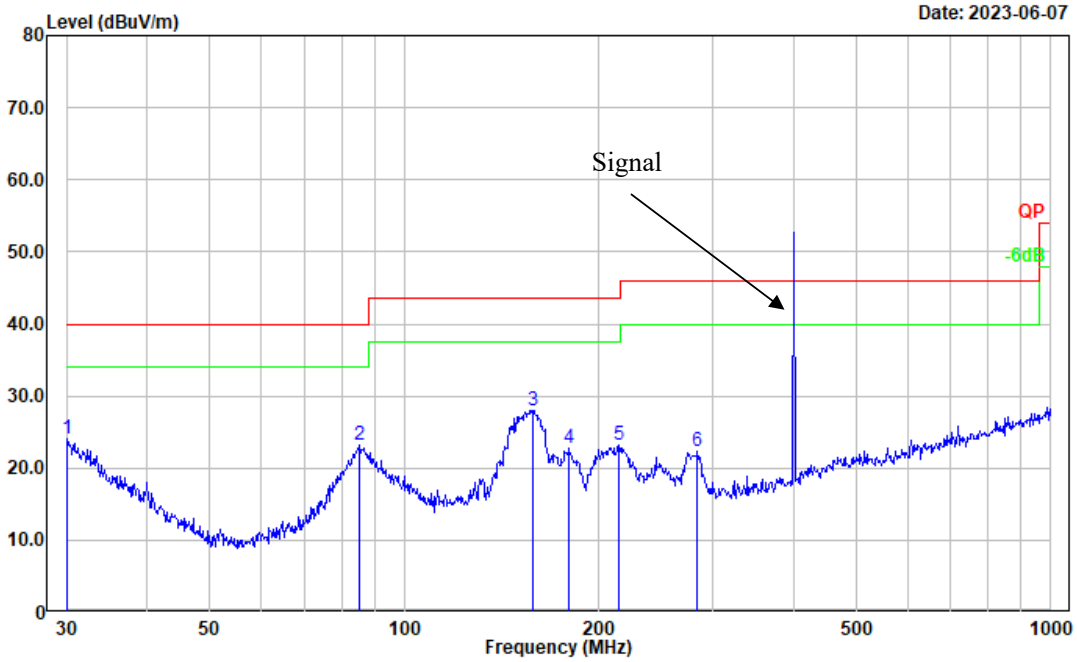
Test Mode: Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.000 | 28.10 | -3.60 | 24.50 | 40.00 | 15.50 | Peak |
| 2 | 39.576 | 32.42 | -10.98 | 21.44 | 40.00 | 18.56 | Peak |
| 3 | 66.266 | 38.07 | -16.84 | 21.23 | 40.00 | 18.77 | Peak |
| 4 | 83.522 | 42.00 | -17.24 | 24.76 | 40.00 | 15.24 | Peak |
| 5 | 158.112 | 43.00 | -12.06 | 30.94 | 43.50 | 12.56 | Peak |
| 6 | 205.675 | 37.23 | -12.37 | 24.86 | 43.50 | 18.64 | Peak |

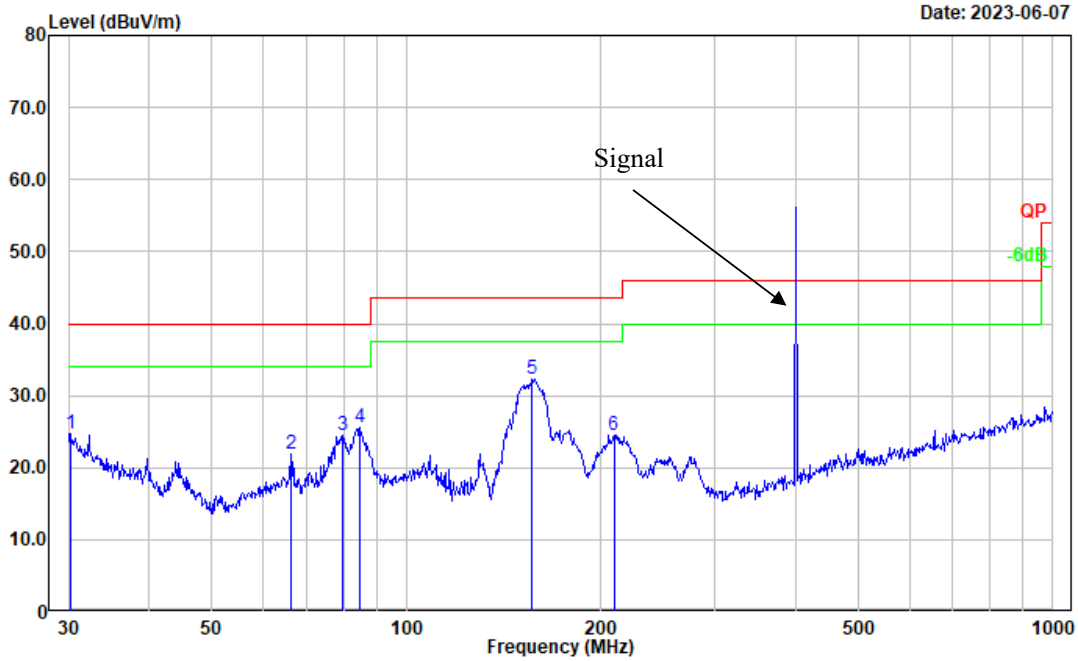
(RX 400.0125 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.105 | 27.85 | -3.68 | 24.17 | 40.00 | 15.83 | Peak |
| 2 | 84.999 | 40.35 | -17.19 | 23.16 | 40.00 | 16.84 | Peak |
| 3 | 158.112 | 40.12 | -12.06 | 28.06 | 43.50 | 15.44 | Peak |
| 4 | 180.017 | 36.45 | -13.63 | 22.82 | 43.50 | 20.68 | Peak |
| 5 | 214.514 | 35.87 | -12.60 | 23.27 | 43.50 | 20.23 | Peak |
| 6 | 283.979 | 33.69 | -11.40 | 22.29 | 46.00 | 23.71 | Peak |

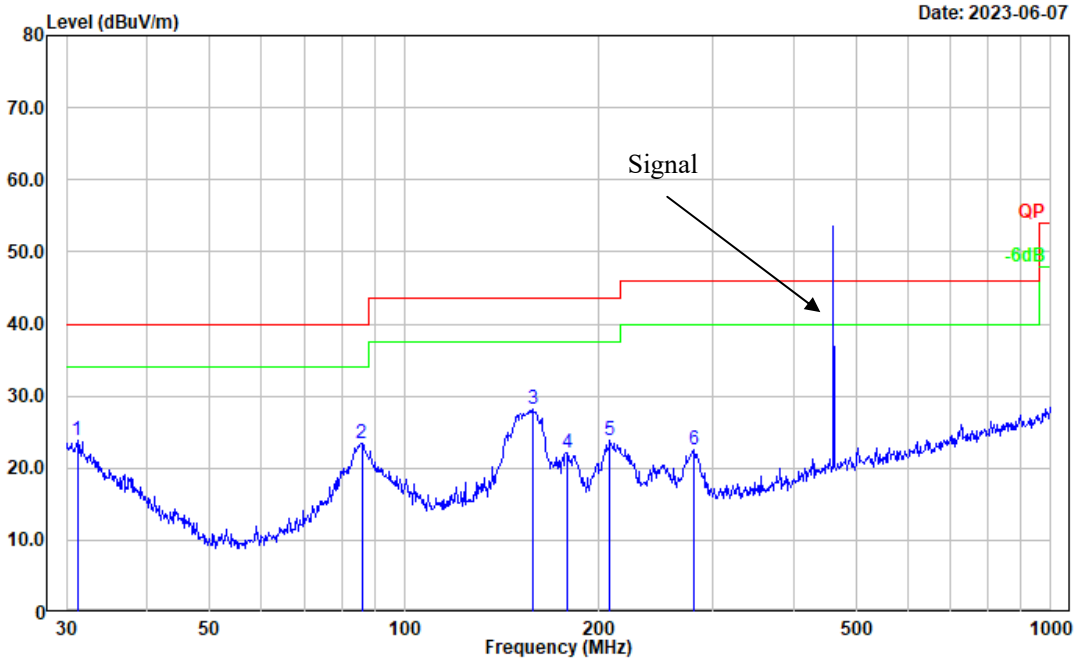
Test Mode: Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.317 | 28.62 | -3.85 | 24.77 | 40.00 | 15.23 | Peak |
| 2 | 66.266 | 38.73 | -16.84 | 21.89 | 40.00 | 18.11 | Peak |
| 3 | 79.800 | 41.90 | -17.44 | 24.46 | 40.00 | 15.54 | Peak |
| 4 | 84.702 | 42.83 | -17.20 | 25.63 | 40.00 | 14.37 | Peak |
| 5 | 156.458 | 44.35 | -12.04 | 32.31 | 43.50 | 11.19 | Peak |
| 6 | 209.313 | 37.04 | -12.46 | 24.58 | 43.50 | 18.92 | Peak |

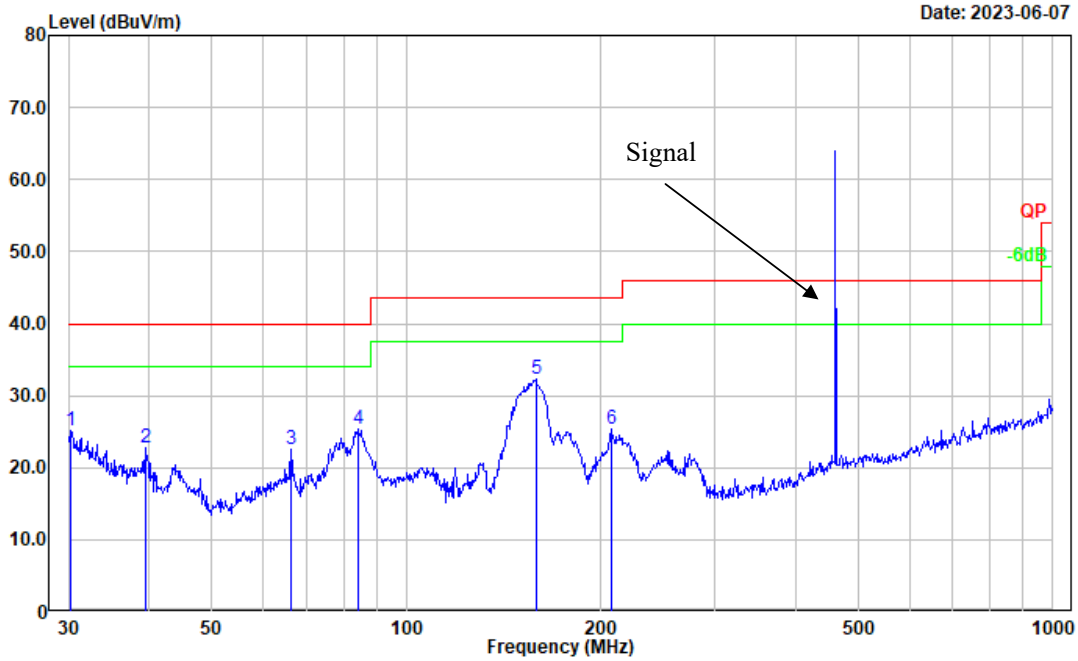
(RX 460 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 31.180 | 28.25 | -4.50 | 23.75 | 40.00 | 16.25 | Peak |
| 2 | 85.898 | 40.55 | -17.15 | 23.40 | 40.00 | 16.60 | Peak |
| 3 | 158.112 | 40.23 | -12.06 | 28.17 | 43.50 | 15.33 | Peak |
| 4 | 178.758 | 35.70 | -13.55 | 22.15 | 43.50 | 21.35 | Peak |
| 5 | 207.850 | 36.29 | -12.43 | 23.86 | 43.50 | 19.64 | Peak |
| 6 | 281.008 | 34.13 | -11.60 | 22.53 | 46.00 | 23.47 | Peak |

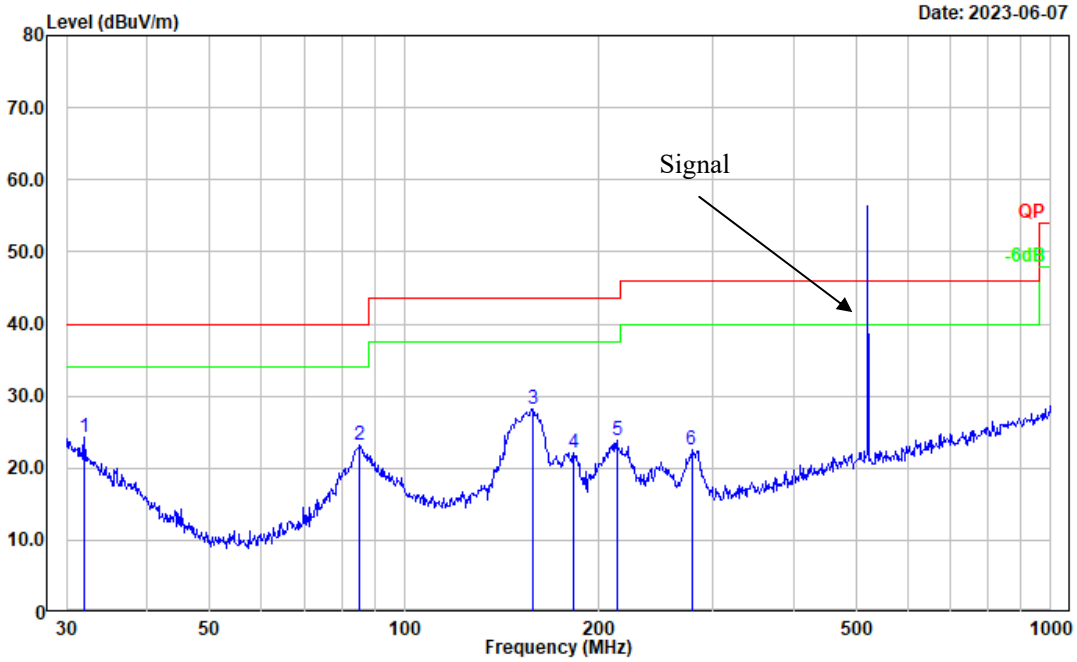
Test Mode: Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.211 | 28.86 | -3.76 | 25.10 | 40.00 | 14.90 | Peak |
| 2 | 39.437 | 33.63 | -10.87 | 22.76 | 40.00 | 17.24 | Peak |
| 3 | 66.266 | 39.29 | -16.84 | 22.45 | 40.00 | 17.55 | Peak |
| 4 | 84.405 | 42.48 | -17.22 | 25.26 | 40.00 | 14.74 | Peak |
| 5 | 158.668 | 44.30 | -12.05 | 32.25 | 43.50 | 11.25 | Peak |
| 6 | 207.123 | 37.82 | -12.40 | 25.42 | 43.50 | 18.08 | Peak |

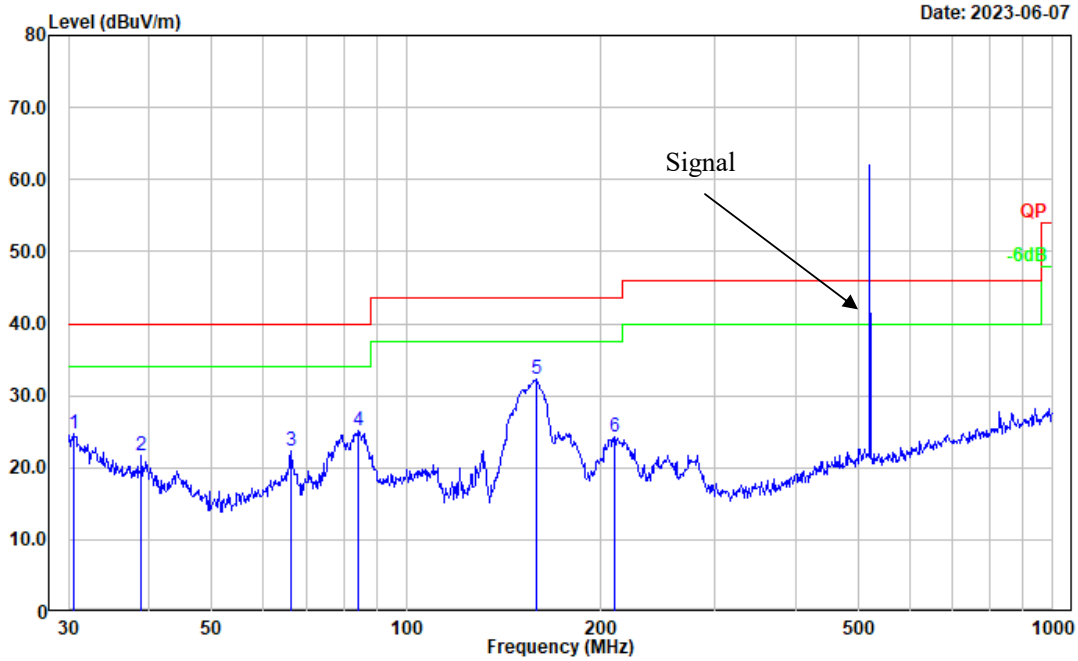
(RX 519.9875 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 31.955 | 29.44 | -5.08 | 24.36 | 40.00 | 15.64 | Peak |
| 2 | 85.298 | 40.40 | -17.19 | 23.21 | 40.00 | 16.79 | Peak |
| 3 | 158.112 | 40.30 | -12.06 | 28.24 | 43.50 | 15.26 | Peak |
| 4 | 182.559 | 35.79 | -13.60 | 22.19 | 43.50 | 21.31 | Peak |
| 5 | 213.015 | 36.29 | -12.54 | 23.75 | 43.50 | 19.75 | Peak |
| 6 | 278.067 | 34.38 | -11.75 | 22.63 | 46.00 | 23.37 | Peak |

Test Mode: Charging& Receiving
Polarization: vertical
Note:

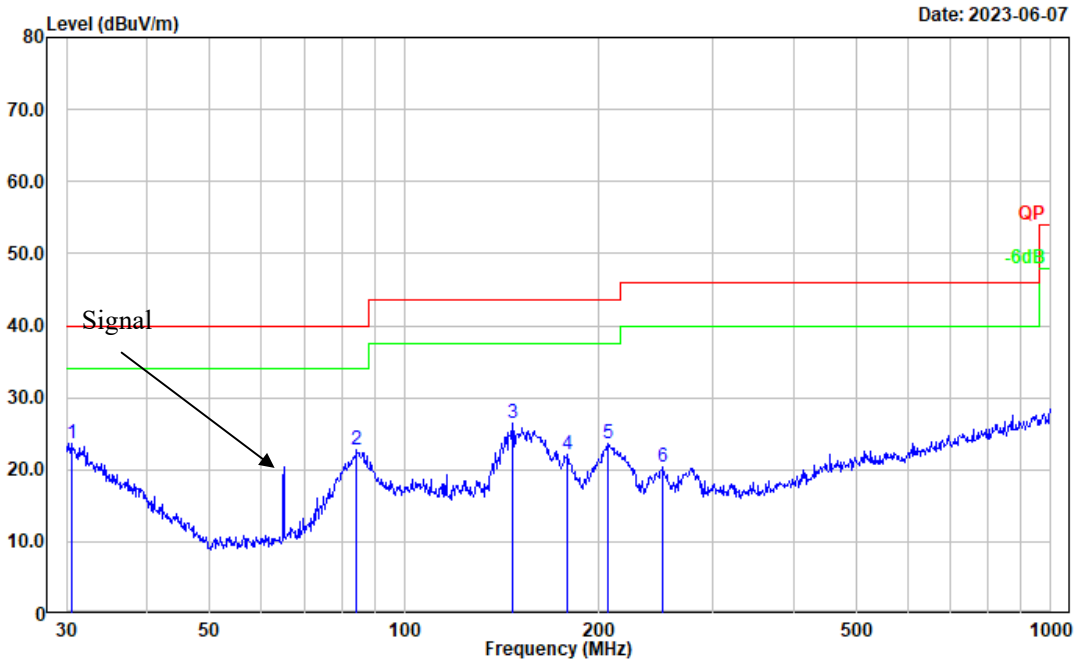



| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.531 | 28.73 | -4.00 | 24.73 | 40.00 | 15.27 | Peak |
| 2 | 38.888 | 32.15 | -10.43 | 21.72 | 40.00 | 18.28 | Peak |
| 3 | 66.266 | 39.18 | -16.84 | 22.34 | 40.00 | 17.66 | Peak |
| 4 | 84.405 | 42.38 | -17.22 | 25.16 | 40.00 | 14.84 | Peak |
| 5 | 158.668 | 44.38 | -12.05 | 32.33 | 43.50 | 11.17 | Peak |
| 6 | 210.048 | 36.67 | -12.47 | 24.20 | 43.50 | 19.30 | Peak |

**Test Mode:** *M3*

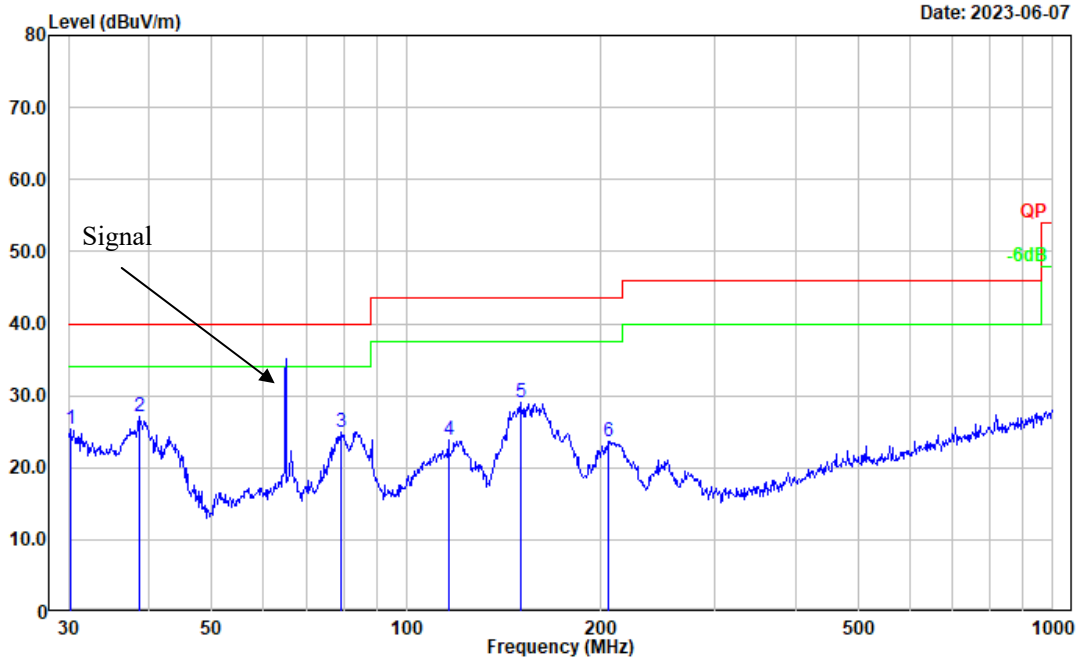
*(FM 65.1* MHz*)*

Test Mode: Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.531 | 27.74 | -4.00 | 23.74 | 40.00 | 16.26 | Peak |
| 2 | 84.405 | 40.02 | -17.22 | 22.80 | 40.00 | 17.20 | Peak |
| 3 | 146.888 | 38.44 | -11.98 | 26.46 | 43.50 | 17.04 | Peak |
| 4 | 178.758 | 35.68 | -13.55 | 22.13 | 43.50 | 21.37 | Peak |
| 5 | 206.398 | 35.92 | -12.39 | 23.53 | 43.50 | 19.97 | Peak |
| 6 | 251.180 | 33.41 | -13.03 | 20.38 | 46.00 | 25.62 | Peak |

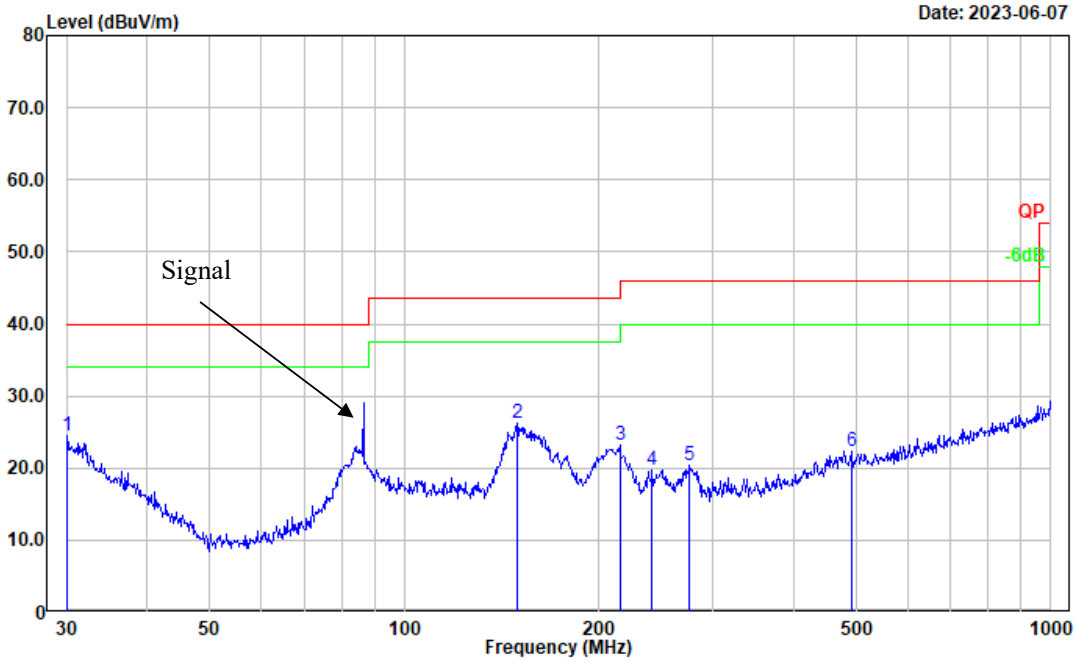
Test Mode: Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.211 | 29.18 | -3.76 | 25.42 | 40.00 | 14.58 | Peak |
| 2 | 38.616 | 37.35 | -10.22 | 27.13 | 40.00 | 12.87 | Peak |
| 3 | 79.243 | 42.36 | -17.37 | 24.99 | 40.00 | 15.01 | Peak |
| 4 | 116.132 | 35.58 | -11.82 | 23.76 | 43.50 | 19.74 | Peak |
| 5 | 150.011 | 41.08 | -12.00 | 29.08 | 43.50 | 14.42 | Peak |
| 6 | 204.955 | 35.97 | -12.36 | 23.61 | 43.50 | 19.89 | Peak |

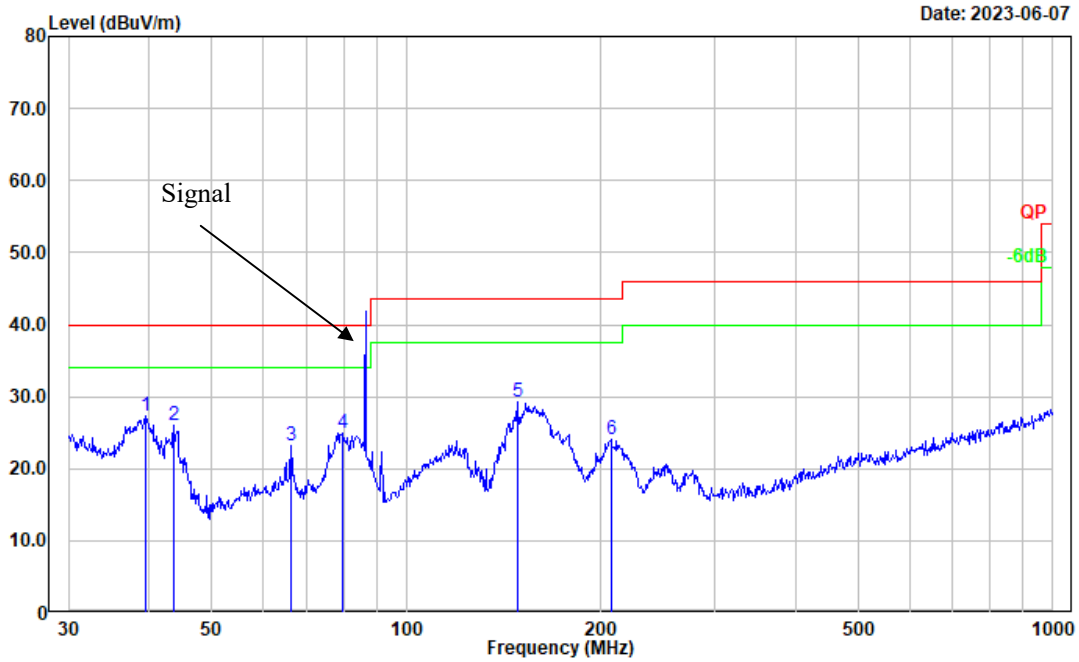
(FM 86.5 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.000 | 28.15 | -3.60 | 24.55 | 40.00 | 15.45 | Peak |
| 2 | 149.486 | 38.17 | -12.00 | 26.17 | 43.50 | 17.33 | Peak |
| 3 | 215.268 | 35.71 | -12.61 | 23.10 | 43.50 | 20.40 | Peak |
| 4 | 241.676 | 32.69 | -13.00 | 19.69 | 46.00 | 26.31 | Peak |
| 5 | 276.124 | 32.13 | -11.84 | 20.29 | 46.00 | 25.71 | Peak |
| 6 | 490.745 | 28.47 | -6.20 | 22.27 | 46.00 | 23.73 | Peak |

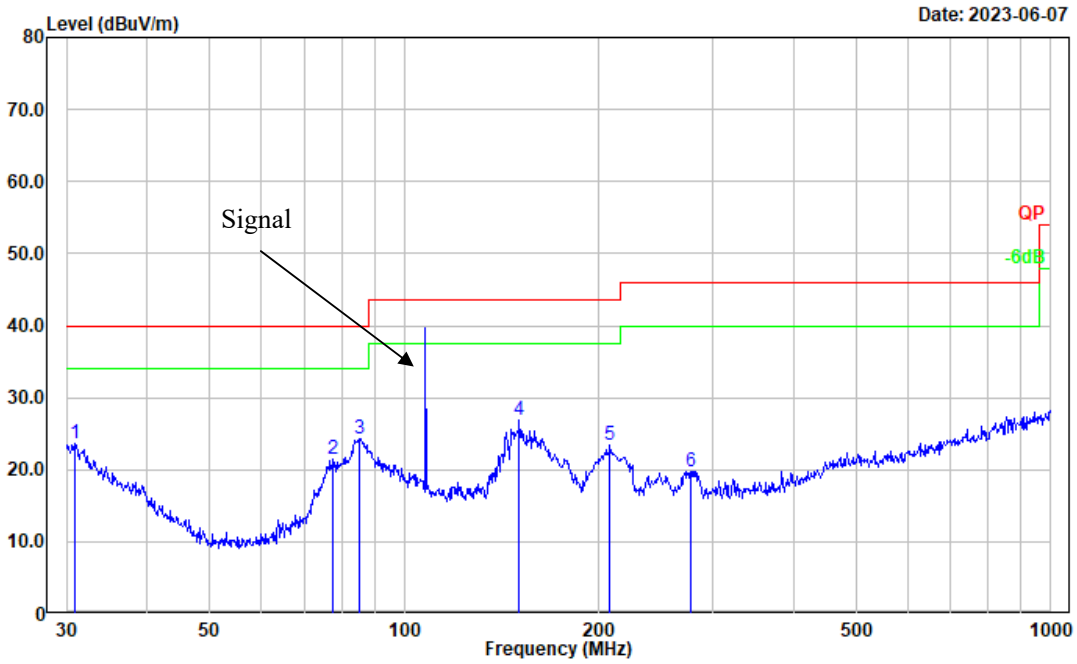
Test Mode: Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 39.437 | 38.20 | -10.87 | 27.33 | 40.00 | 12.67 | Peak |
| 2 | 43.659 | 39.38 | -13.46 | 25.92 | 40.00 | 14.08 | Peak |
| 3 | 66.266 | 40.09 | -16.84 | 23.25 | 40.00 | 16.75 | Peak |
| 4 | 79.800 | 42.46 | -17.44 | 25.02 | 40.00 | 14.98 | Peak |
| 5 | 148.441 | 41.25 | -12.00 | 29.25 | 43.50 | 14.25 | Peak |
| 6 | 207.123 | 36.54 | -12.40 | 24.14 | 43.50 | 19.36 | Peak |

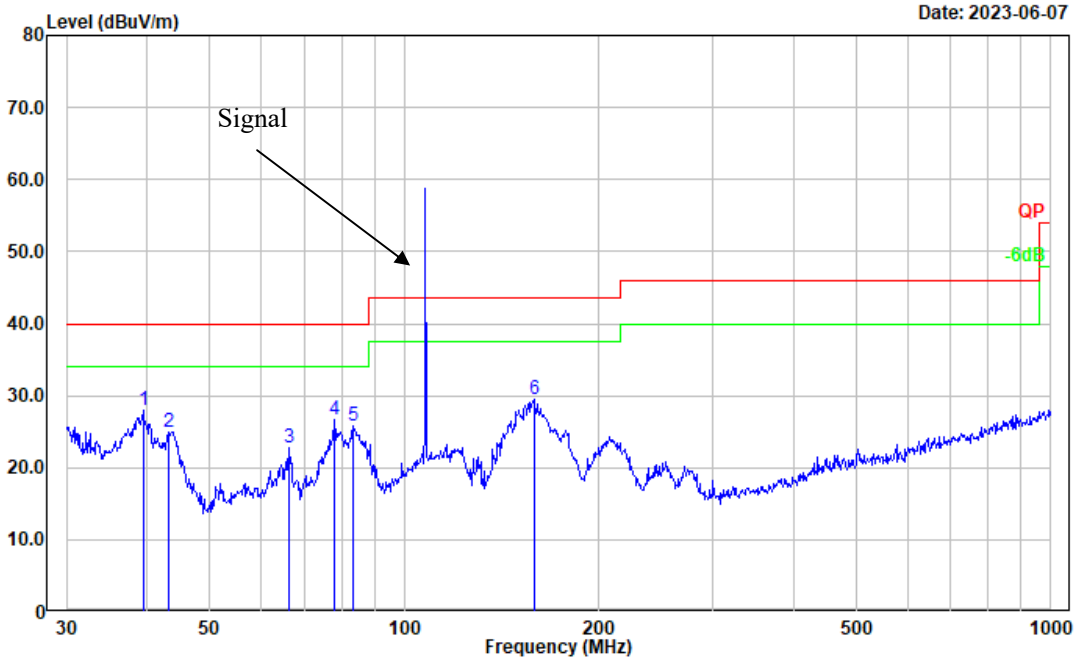
(FM 107.9 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.853 | 27.96 | -4.26 | 23.70 | 40.00 | 16.30 | Peak |
| 2 | 77.593 | 38.61 | -17.21 | 21.40 | 40.00 | 18.60 | Peak |
| 3 | 84.999 | 41.53 | -17.19 | 24.34 | 40.00 | 15.66 | Peak |
| 4 | 150.538 | 38.94 | -12.03 | 26.91 | 43.50 | 16.59 | Peak |
| 5 | 207.850 | 35.81 | -12.43 | 23.38 | 43.50 | 20.12 | Peak |
| 6 | 277.094 | 31.57 | -11.80 | 19.77 | 46.00 | 26.23 | Peak |

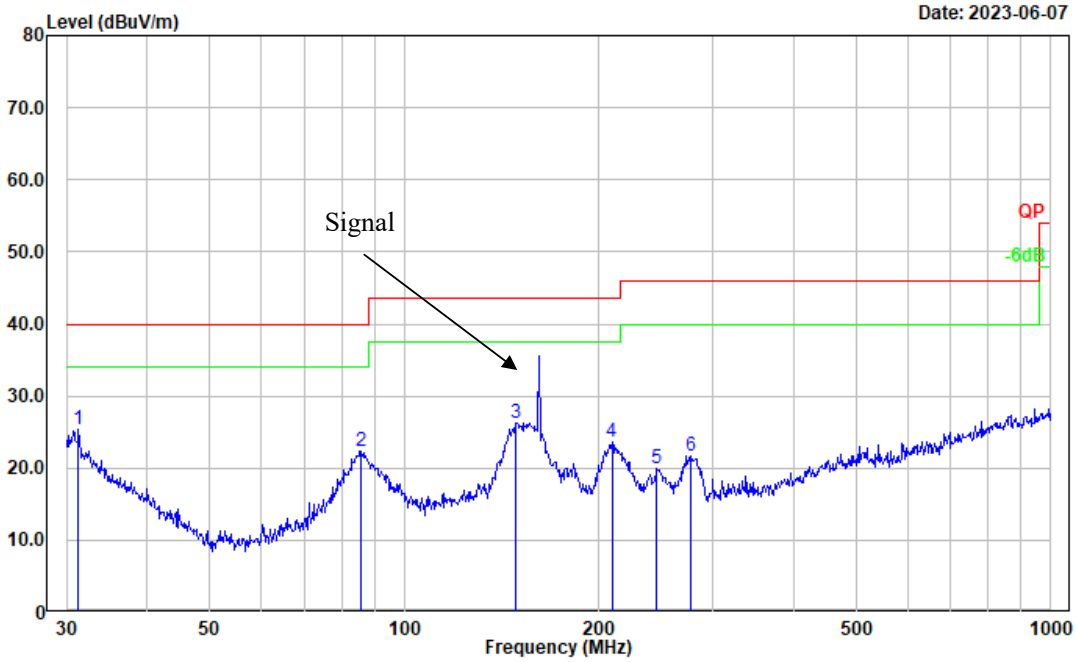
Test Mode: Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 39.437 | 38.76 | -10.87 | 27.89 | 40.00 | 12.11 | Peak |
| 2 | 43.202 | 38.14 | -13.19 | 24.95 | 40.00 | 15.05 | Peak |
| 3 | 66.266 | 39.61 | -16.84 | 22.77 | 40.00 | 17.23 | Peak |
| 4 | 77.865 | 43.98 | -17.25 | 26.73 | 40.00 | 13.27 | Peak |
| 5 | 83.522 | 43.08 | -17.24 | 25.84 | 40.00 | 14.16 | Peak |
| 6 | 158.668 | 41.46 | -12.05 | 29.41 | 43.50 | 14.09 | Peak |

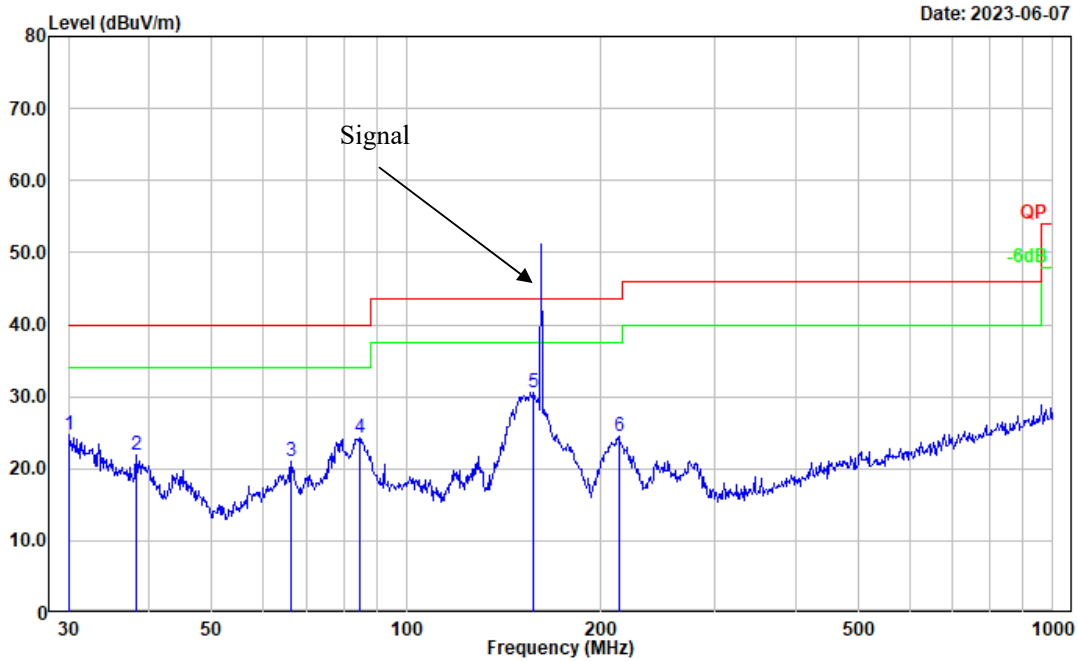
**Test Mode:** *M4*
*(161.65* MHz*)*

Test Mode: Charging& NOAA receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 31.289 | 29.86 | -4.59 | 25.27 | 40.00 | 14.73 | Peak |
| 2 | 85.598 | 39.48 | -17.15 | 22.33 | 40.00 | 17.67 | Peak |
| 3 | 148.441 | 38.30 | -12.00 | 26.30 | 43.50 | 17.20 | Peak |
| 4 | 209.313 | 36.19 | -12.46 | 23.73 | 43.50 | 19.77 | Peak |
| 5 | 245.951 | 32.92 | -12.99 | 19.93 | 46.00 | 26.07 | Peak |
| 6 | 277.094 | 33.58 | -11.80 | 21.78 | 46.00 | 24.22 | Peak |

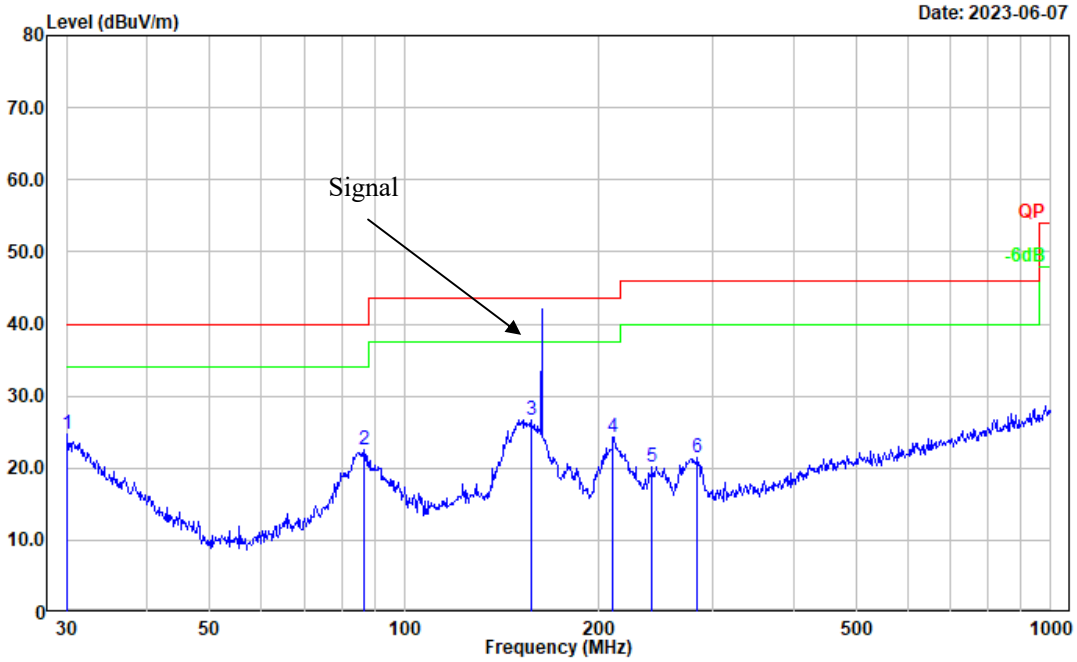
Test Mode: Charging& NOAA receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.000 | 28.35 | -3.60 | 24.75 | 40.00 | 15.25 | Peak |
| 2 | 38.212 | 31.85 | -9.91 | 21.94 | 40.00 | 18.06 | Peak |
| 3 | 66.266 | 37.90 | -16.84 | 21.06 | 40.00 | 18.94 | Peak |
| 4 | 84.702 | 41.41 | -17.20 | 24.21 | 40.00 | 15.79 | Peak |
| 5 | 157.559 | 42.61 | -12.05 | 30.56 | 43.50 | 12.94 | Peak |
| 6 | 213.015 | 37.08 | -12.54 | 24.54 | 43.50 | 18.96 | Peak |

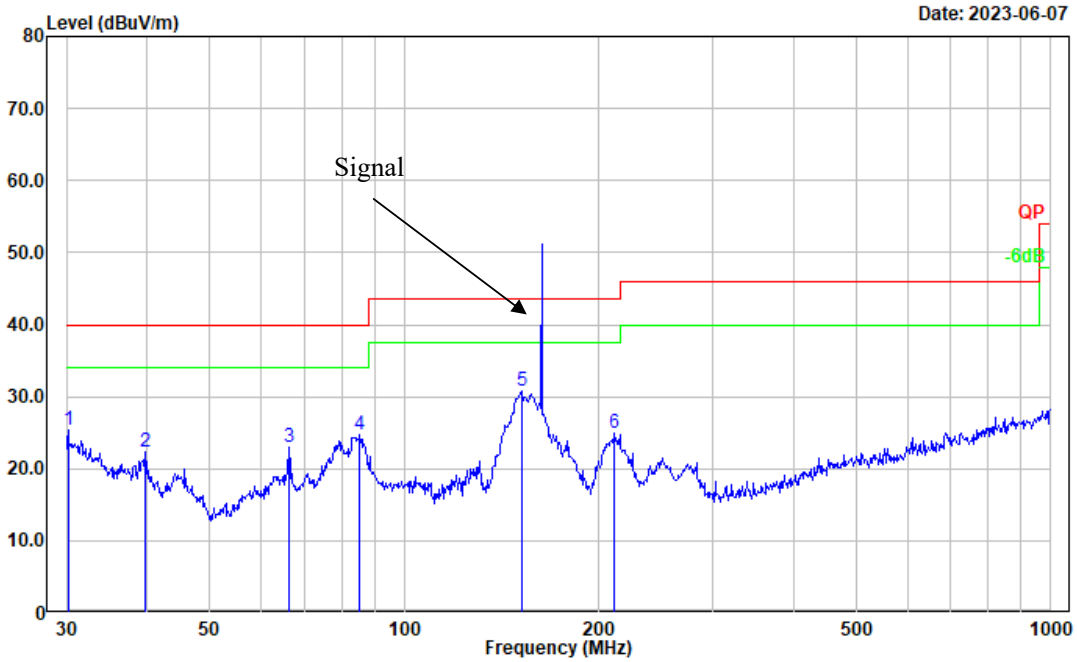
*(163.275* MHz*)*

Test Mode: Charging& NOAA receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.105 | 28.30 | -3.68 | 24.62 | 40.00 | 15.38 | Peak |
| 2 | 86.807 | 39.75 | -17.10 | 22.65 | 40.00 | 17.35 | Peak |
| 3 | 157.007 | 38.76 | -12.04 | 26.72 | 43.50 | 16.78 | Peak |
| 4 | 210.048 | 36.85 | -12.47 | 24.38 | 43.50 | 19.12 | Peak |
| 5 | 241.676 | 33.13 | -13.00 | 20.13 | 46.00 | 25.87 | Peak |
| 6 | 283.979 | 32.83 | -11.40 | 21.43 | 46.00 | 24.57 | Peak |

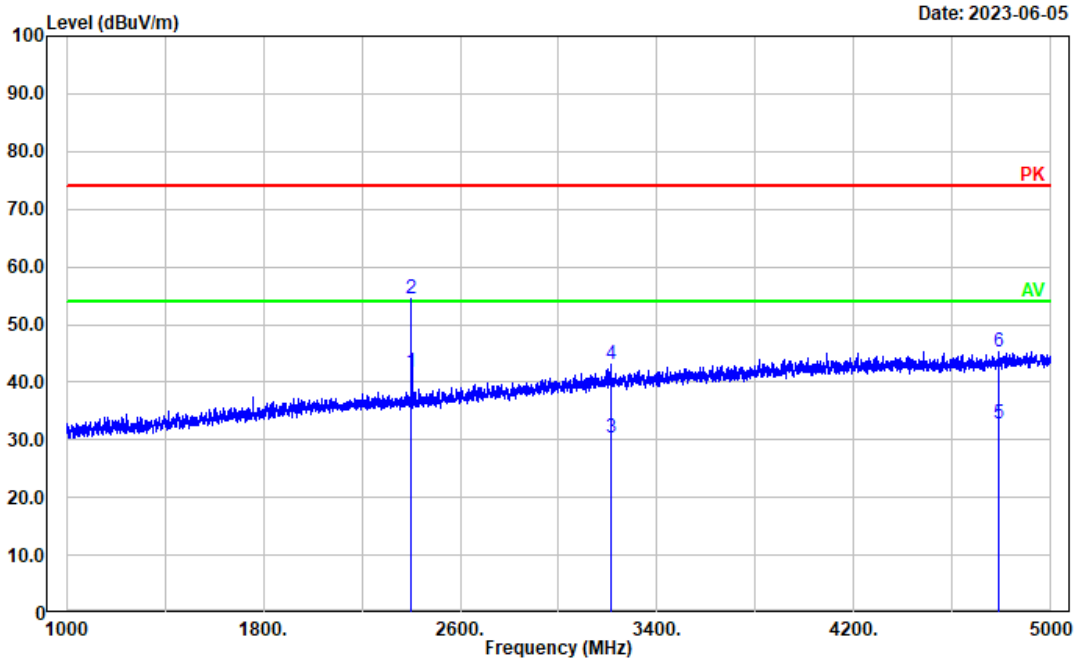
Test Mode: Charging& NOAA receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 30.211 | 29.07 | -3.76 | 25.31 | 40.00 | 14.69 | Peak |
| 2 | 39.715 | 33.36 | -11.09 | 22.27 | 40.00 | 17.73 | Peak |
| 3 | 66.266 | 39.81 | -16.84 | 22.97 | 40.00 | 17.03 | Peak |
| 4 | 85.298 | 41.91 | -17.19 | 24.72 | 40.00 | 15.28 | Peak |
| 5 | 151.597 | 42.85 | -12.03 | 30.82 | 43.50 | 12.68 | Peak |
| 6 | 211.527 | 37.54 | -12.52 | 25.02 | 43.50 | 18.48 | Peak |

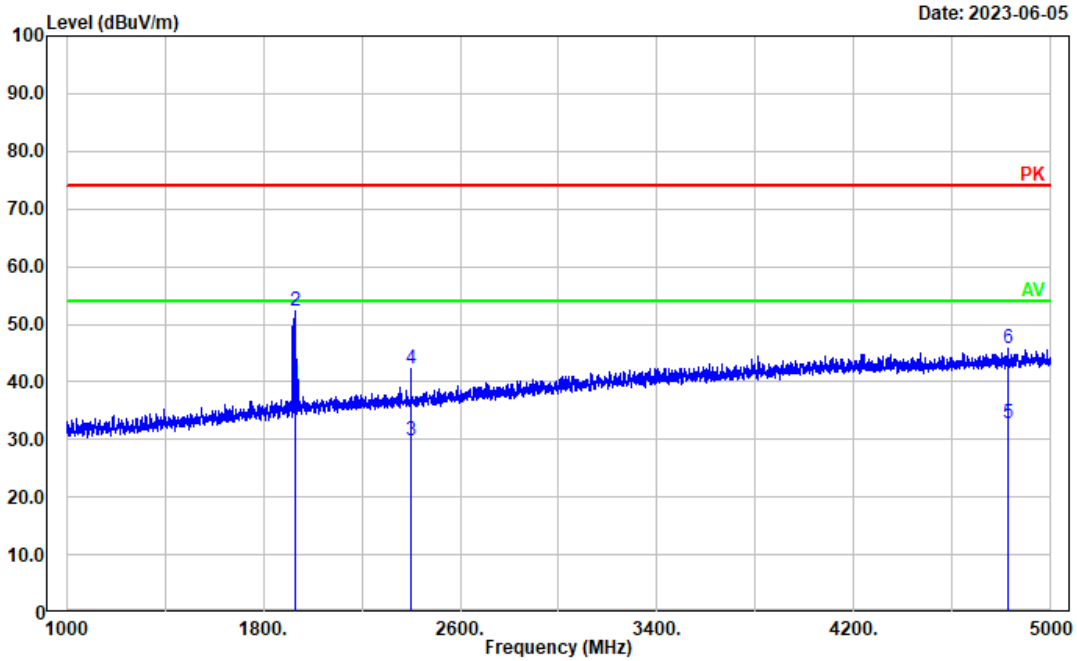
**2) Above 1GHz:**
**Test Mode:** *M2*

Test Mode: M2 Charging& Scanning
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2401.880 | 38.12 | 3.53 | 41.65 | 54.00 | 12.35 | Average |
| 2 | 2401.880 | 50.93 | 3.53 | 54.46 | 74.00 | 19.54 | Peak |
| 3 | 3211.642 | 23.46 | 6.79 | 30.25 | 54.00 | 23.75 | Average |
| 4 | 3211.642 | 36.38 | 6.79 | 43.17 | 74.00 | 30.83 | Peak |
| 5 | 4787.157 | 21.88 | 10.86 | 32.74 | 54.00 | 21.26 | Average |
| 6 | 4787.157 | 34.41 | 10.86 | 45.27 | 74.00 | 28.73 | Peak |

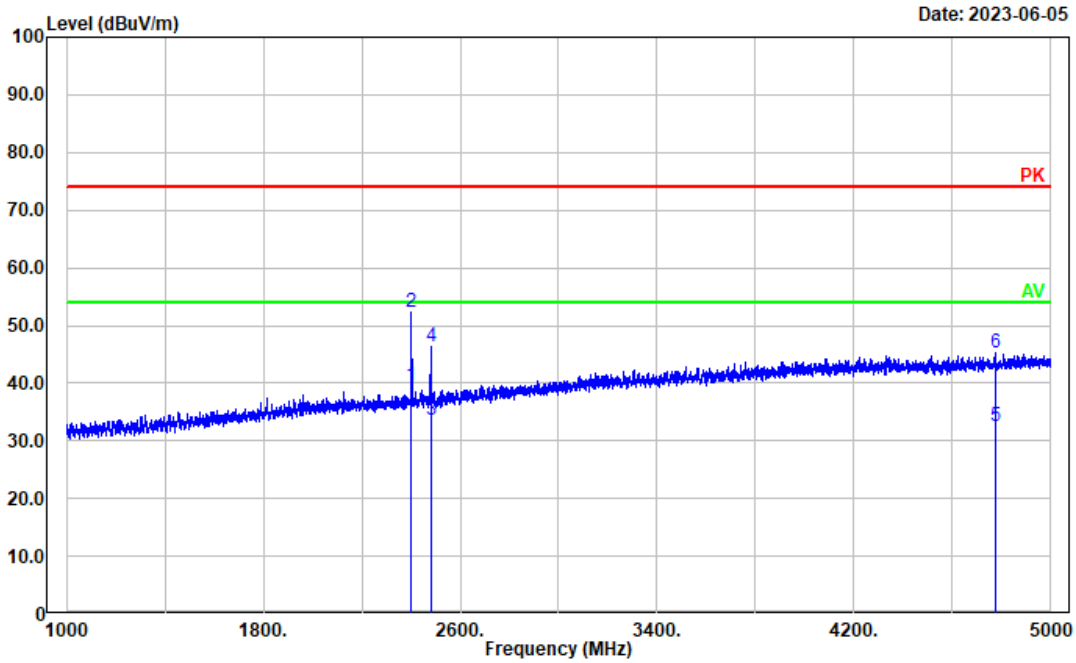
Test Mode: M2 Charging& Scanning
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 1929.786 | 37.65 | 2.01 | 39.66 | 54.00 | 14.34 | Average |
| 2 | 1929.786 | 50.24 | 2.01 | 52.25 | 74.00 | 21.75 | Peak |
| 3 | 2401.080 | 26.34 | 3.53 | 29.87 | 54.00 | 24.13 | Average |
| 4 | 2401.080 | 38.67 | 3.53 | 42.20 | 74.00 | 31.80 | Peak |
| 5 | 4827.166 | 21.90 | 10.94 | 32.84 | 54.00 | 21.16 | Average |
| 6 | 4827.166 | 34.73 | 10.94 | 45.67 | 74.00 | 28.33 | Peak |

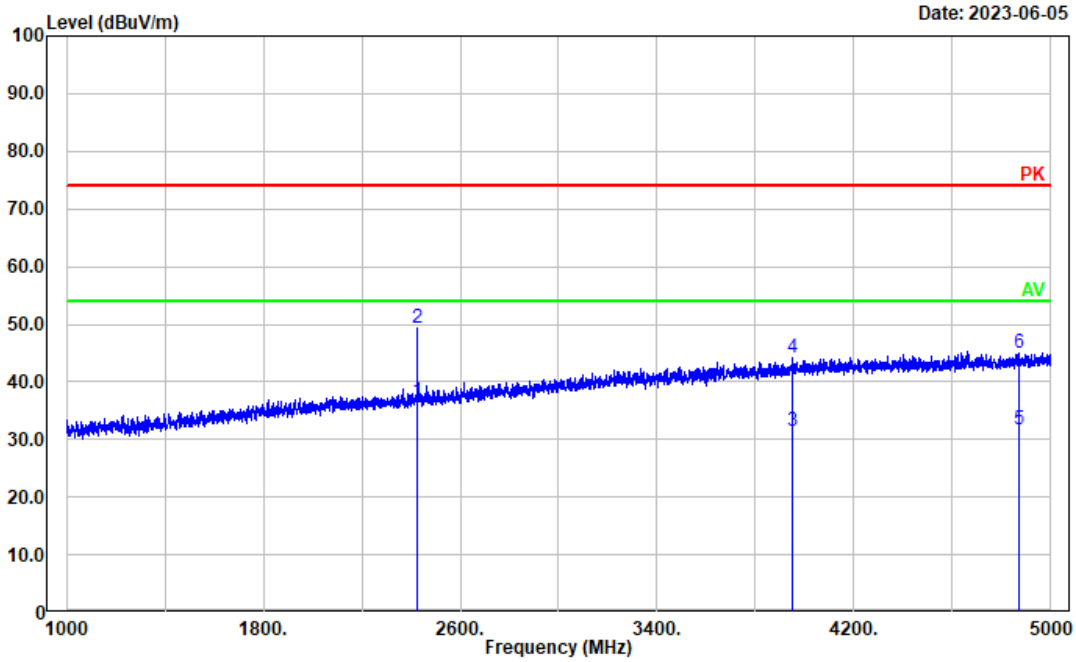
**Test Mode:** *M1*
*(RX 136.0125* MHz*)*

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2401.880 | 36.12 | 3.53 | 39.65 | 54.00 | 14.35 | Average |
| 2 | 2401.880 | 48.89 | 3.53 | 52.42 | 74.00 | 21.58 | Peak |
| 3 | 2479.496 | 29.90 | 3.62 | 33.52 | 54.00 | 20.48 | Average |
| 4 | 2479.496 | 42.66 | 3.62 | 46.28 | 74.00 | 27.72 | Peak |
| 5 | 4772.754 | 21.64 | 10.81 | 32.45 | 54.00 | 21.55 | Average |
| 6 | 4772.754 | 34.54 | 10.81 | 45.35 | 74.00 | 28.65 | Peak |

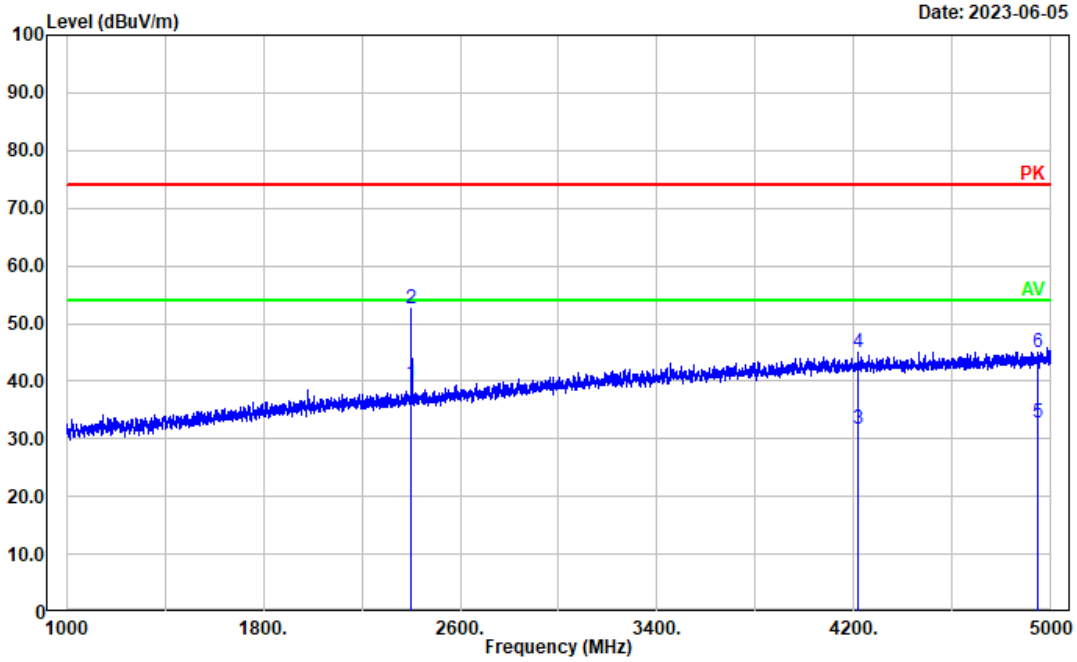
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2425.885 | 33.00 | 3.58 | 36.58 | 54.00 | 17.42 | Average |
| 2 | 2425.885 | 45.85 | 3.58 | 49.43 | 74.00 | 24.57 | Peak |
| 3 | 3950.190 | 22.24 | 9.23 | 31.47 | 54.00 | 22.53 | Average |
| 4 | 3950.190 | 35.07 | 9.23 | 44.30 | 74.00 | 29.70 | Peak |
| 5 | 4869.574 | 20.55 | 11.03 | 31.58 | 54.00 | 22.42 | Average |
| 6 | 4869.574 | 33.90 | 11.03 | 44.93 | 74.00 | 29.07 | Peak |

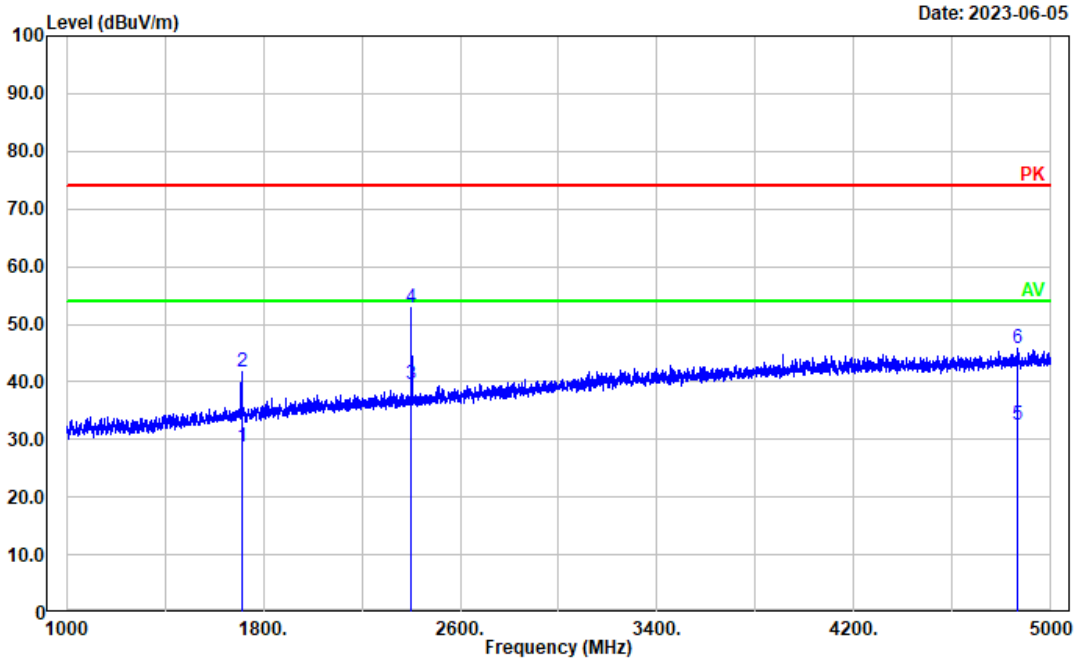
(RX 155 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2401.880 | 36.14 | 3.53 | 39.67 | 54.00 | 14.33 | Average |
| 2 | 2401.880 | 49.06 | 3.53 | 52.59 | 74.00 | 21.41 | Peak |
| 3 | 4216.644 | 21.96 | 9.69 | 31.65 | 54.00 | 22.35 | Average |
| 4 | 4216.644 | 35.28 | 9.69 | 44.97 | 74.00 | 29.03 | Peak |
| 5 | 4945.589 | 21.43 | 11.23 | 32.66 | 54.00 | 21.34 | Average |
| 6 | 4945.589 | 33.86 | 11.23 | 45.09 | 74.00 | 28.91 | Peak |

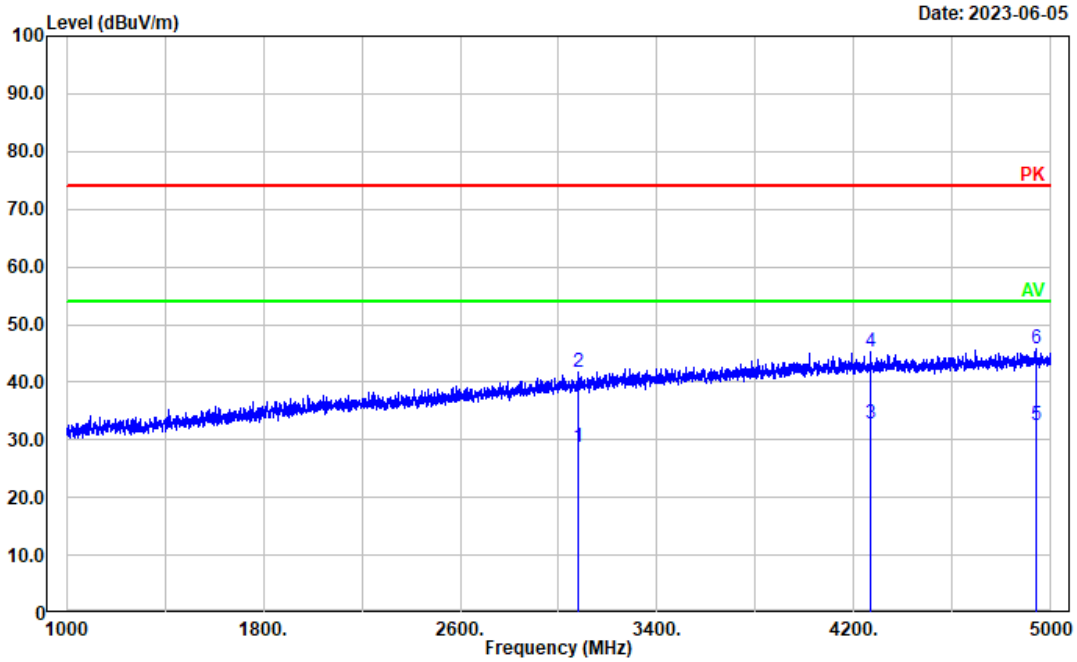
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 1711.342 | 27.90 | 0.79 | 28.69 | 54.00 | 25.31 | Average |
| 2 | 1711.342 | 40.85 | 0.79 | 41.64 | 74.00 | 32.36 | Peak |
| 3 | 2401.880 | 36.15 | 3.53 | 39.68 | 54.00 | 14.32 | Average |
| 4 | 2401.880 | 49.32 | 3.53 | 52.85 | 74.00 | 21.15 | Peak |
| 5 | 4862.373 | 21.57 | 11.00 | 32.57 | 54.00 | 21.43 | Average |
| 6 | 4862.373 | 34.74 | 11.00 | 45.74 | 74.00 | 28.26 | Peak |

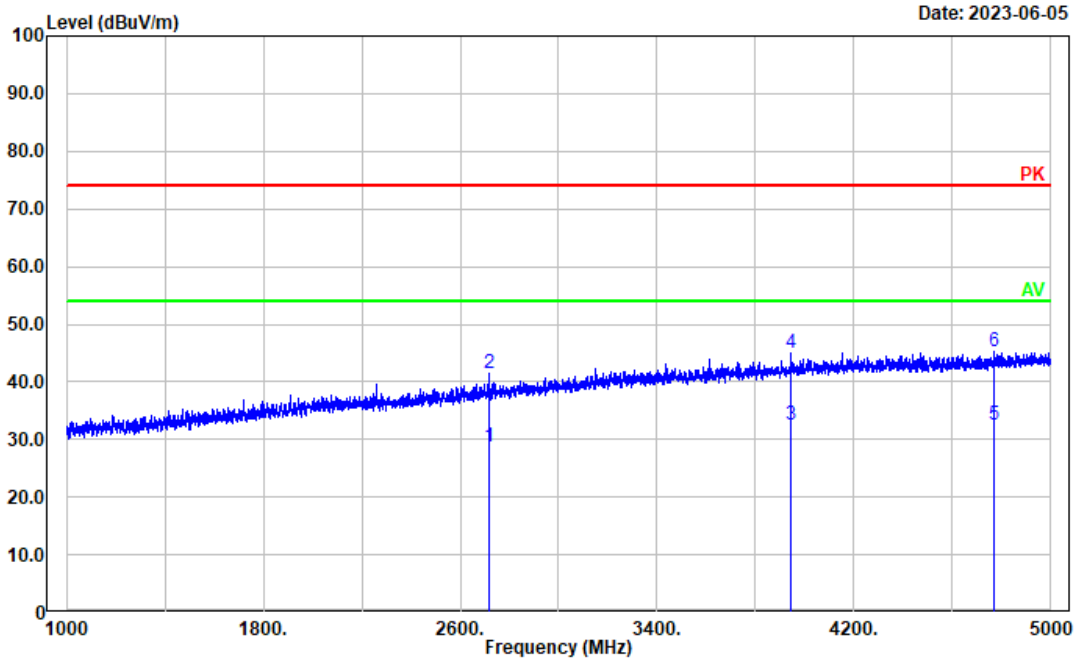
(RX 173.9875 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 3078.816 | 22.37 | 6.32 | 28.69 | 54.00 | 25.31 | Average |
| 2 | 3078.816 | 35.37 | 6.32 | 41.69 | 74.00 | 32.31 | Peak |
| 3 | 4267.053 | 22.96 | 9.70 | 32.66 | 54.00 | 21.34 | Average |
| 4 | 4267.053 | 35.68 | 9.70 | 45.38 | 74.00 | 28.62 | Peak |
| 5 | 4940.788 | 21.40 | 11.23 | 32.63 | 54.00 | 21.37 | Average |
| 6 | 4940.788 | 34.44 | 11.23 | 45.67 | 74.00 | 28.33 | Peak |

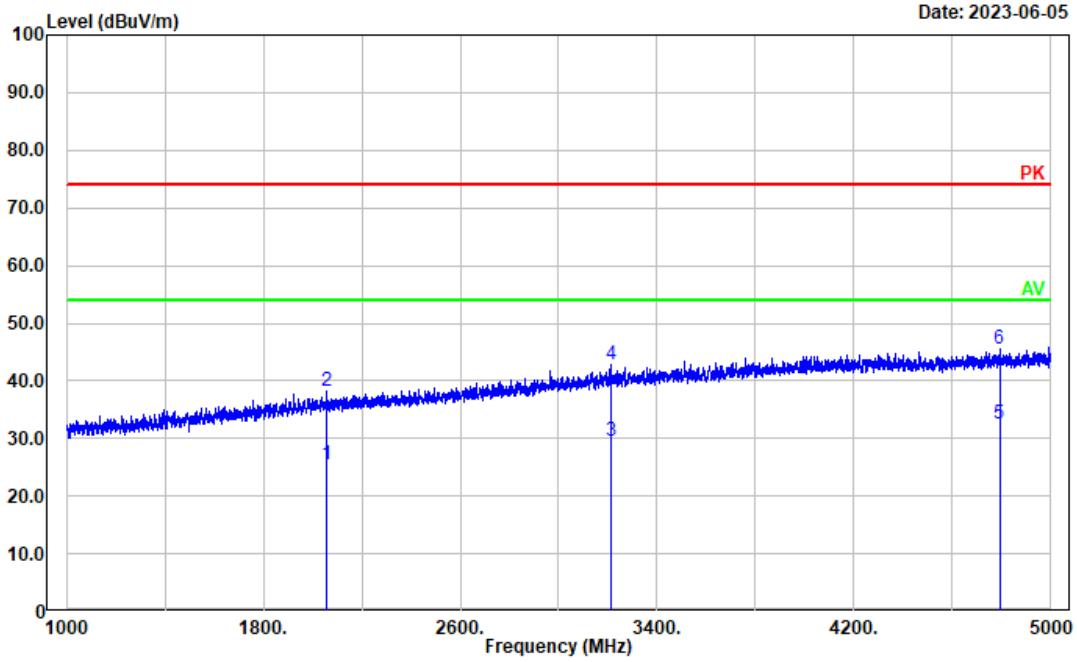
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2717.143 | 23.87 | 4.80 | 28.67 | 54.00 | 25.33 | Average |
| 2 | 2717.143 | 36.56 | 4.80 | 41.36 | 74.00 | 32.64 | Peak |
| 3 | 3941.388 | 23.44 | 9.19 | 32.63 | 54.00 | 21.37 | Average |
| 4 | 3941.388 | 35.81 | 9.19 | 45.00 | 74.00 | 29.00 | Peak |
| 5 | 4767.954 | 21.78 | 10.78 | 32.56 | 54.00 | 21.44 | Average |
| 6 | 4767.954 | 34.50 | 10.78 | 45.28 | 74.00 | 28.72 | Peak |

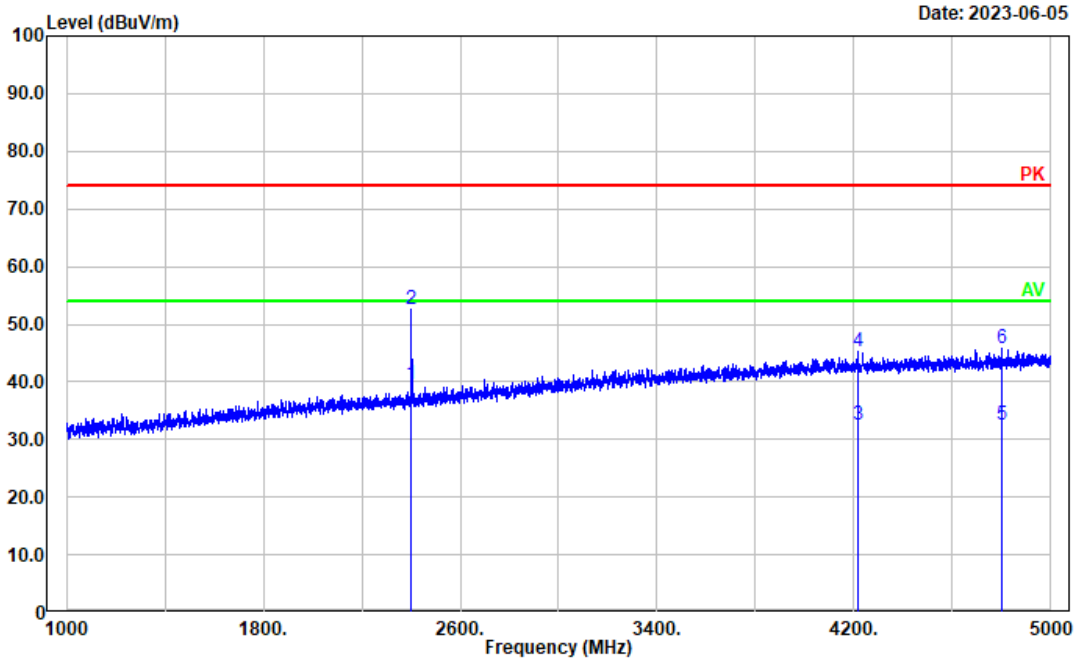
(RX 220.0125MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2055.411 | 22.85 | 2.51 | 25.36 | 54.00 | 28.64 | Average |
| 2 | 2055.411 | 35.78 | 2.51 | 38.29 | 74.00 | 35.71 | Peak |
| 3 | 3210.042 | 22.84 | 6.79 | 29.63 | 54.00 | 24.37 | Average |
| 4 | 3210.042 | 35.92 | 6.79 | 42.71 | 74.00 | 31.29 | Peak |
| 5 | 4791.158 | 21.59 | 10.88 | 32.47 | 54.00 | 21.53 | Average |
| 6 | 4791.158 | 34.68 | 10.88 | 45.56 | 74.00 | 28.44 | Peak |

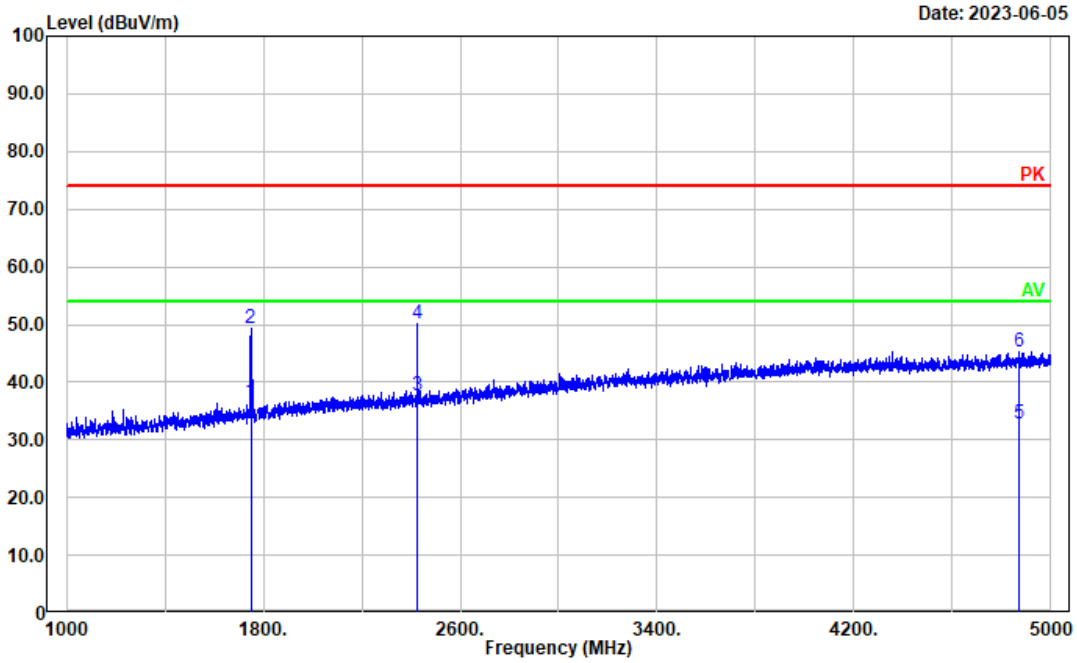
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2401.880 | 35.94 | 3.53 | 39.47 | 54.00 | 14.53 | Average |
| 2 | 2401.880 | 49.12 | 3.53 | 52.65 | 74.00 | 21.35 | Peak |
| 3 | 4215.843 | 22.91 | 9.69 | 32.60 | 54.00 | 21.40 | Average |
| 4 | 4215.843 | 35.57 | 9.69 | 45.26 | 74.00 | 28.74 | Peak |
| 5 | 4799.160 | 21.61 | 10.91 | 32.52 | 54.00 | 21.48 | Average |
| 6 | 4799.160 | 34.92 | 10.91 | 45.83 | 74.00 | 28.17 | Peak |

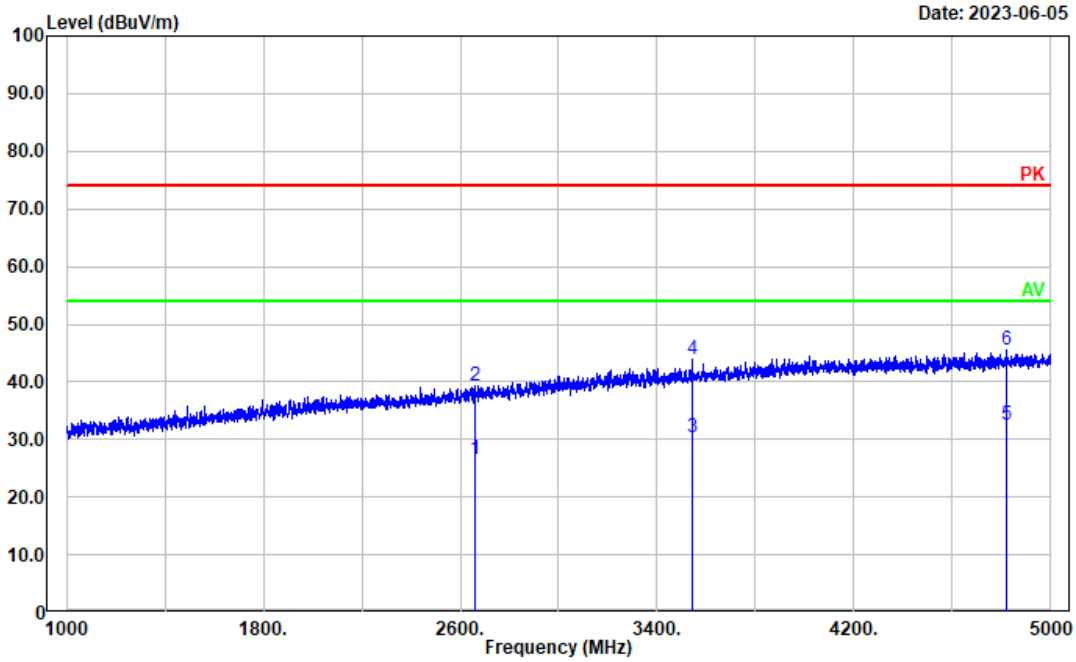
(RX 240 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 1748.950 | 35.61 | 0.97 | 36.58 | 54.00 | 17.42 | Average |
| 2 | 1748.950 | 48.44 | 0.97 | 49.41 | 74.00 | 24.59 | Peak |
| 3 | 2425.885 | 34.00 | 3.58 | 37.58 | 54.00 | 16.42 | Average |
| 4 | 2425.885 | 46.48 | 3.58 | 50.06 | 74.00 | 23.94 | Peak |
| 5 | 4871.174 | 21.62 | 11.04 | 32.66 | 54.00 | 21.34 | Average |
| 6 | 4871.174 | 34.34 | 11.04 | 45.38 | 74.00 | 28.62 | Peak |

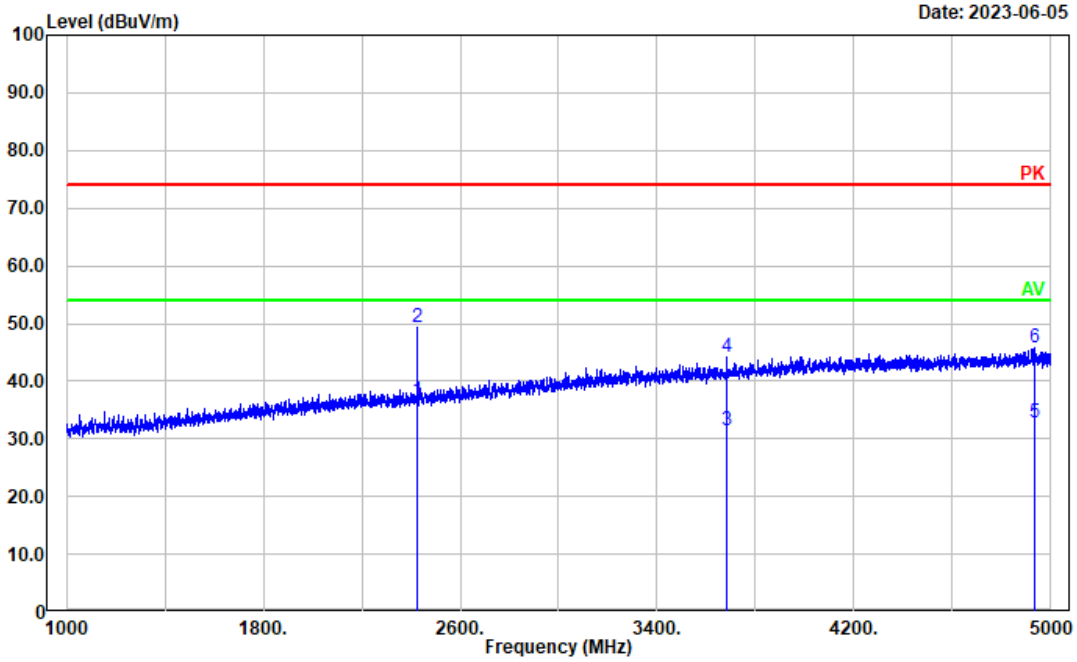
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2661.932 | 22.04 | 4.51 | 26.55 | 54.00 | 27.45 | Average |
| 2 | 2661.932 | 34.82 | 4.51 | 39.33 | 74.00 | 34.67 | Peak |
| 3 | 3540.508 | 22.65 | 7.82 | 30.47 | 54.00 | 23.53 | Average |
| 4 | 3540.508 | 36.06 | 7.82 | 43.88 | 74.00 | 30.12 | Peak |
| 5 | 4819.964 | 21.59 | 10.93 | 32.52 | 54.00 | 21.48 | Average |
| 6 | 4819.964 | 34.63 | 10.93 | 45.56 | 74.00 | 28.44 | Peak |

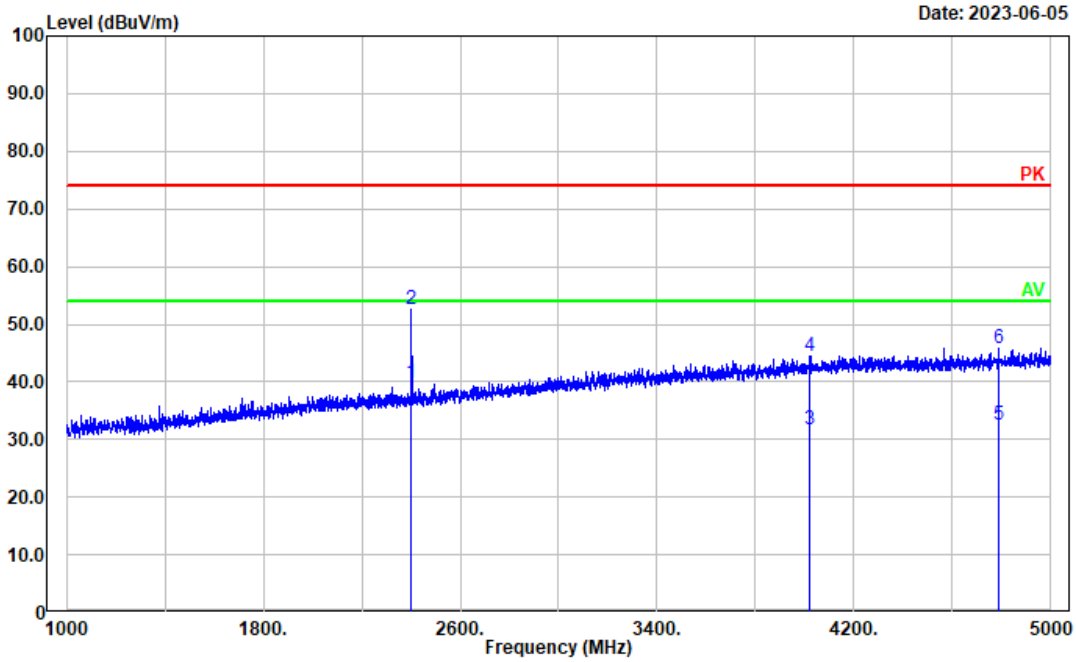
(RX 259.9875 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2425.885 | 33.00 | 3.58 | 36.58 | 54.00 | 17.42 | Average |
| 2 | 2425.885 | 45.77 | 3.58 | 49.35 | 74.00 | 24.65 | Peak |
| 3 | 3682.136 | 23.23 | 8.24 | 31.47 | 54.00 | 22.53 | Average |
| 4 | 3682.136 | 35.88 | 8.24 | 44.12 | 74.00 | 29.88 | Peak |
| 5 | 4935.987 | 21.45 | 11.21 | 32.66 | 54.00 | 21.34 | Average |
| 6 | 4935.987 | 34.66 | 11.21 | 45.87 | 74.00 | 28.13 | Peak |

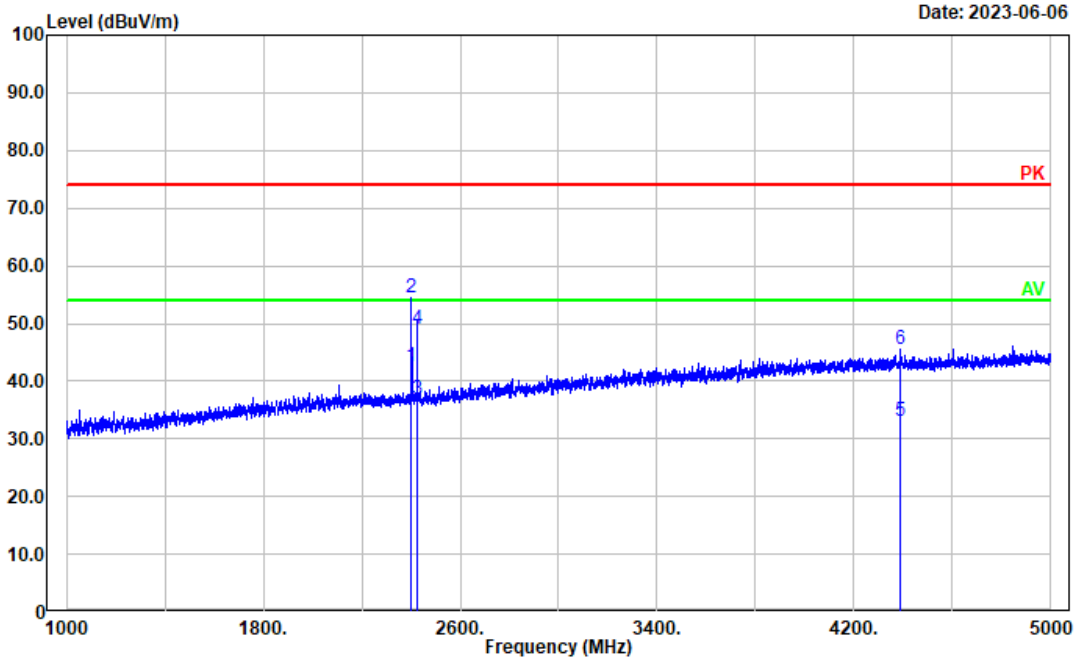
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2401.880 | 36.28 | 3.53 | 39.81 | 54.00 | 14.19 | Average |
| 2 | 2401.880 | 48.94 | 3.53 | 52.47 | 74.00 | 21.53 | Peak |
| 3 | 4017.404 | 22.21 | 9.37 | 31.58 | 54.00 | 22.42 | Average |
| 4 | 4017.404 | 35.09 | 9.37 | 44.46 | 74.00 | 29.54 | Peak |
| 5 | 4788.758 | 21.61 | 10.86 | 32.47 | 54.00 | 21.53 | Average |
| 6 | 4788.758 | 34.87 | 10.86 | 45.73 | 74.00 | 28.27 | Peak |

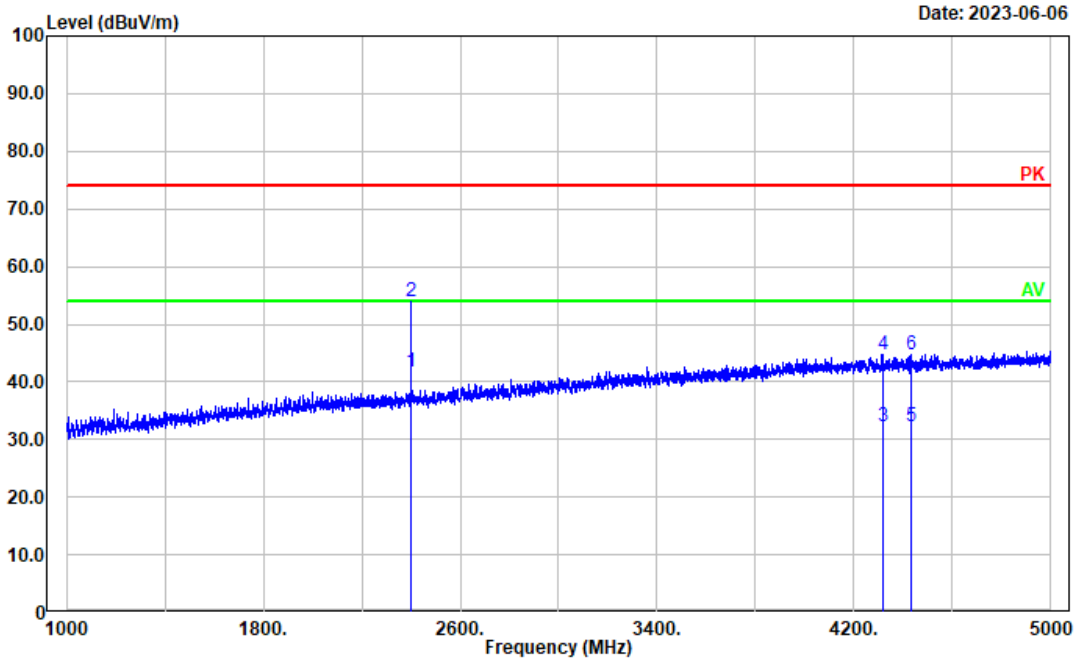
(RX 400.0125 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2401.880 | 39.03 | 3.53 | 42.56 | 54.00 | 11.44 | Average |
| 2 | 2401.880 | 51.06 | 3.53 | 54.59 | 74.00 | 19.41 | Peak |
| 3 | 2426.685 | 33.29 | 3.58 | 36.87 | 54.00 | 17.13 | Average |
| 4 | 2426.685 | 45.52 | 3.58 | 49.10 | 74.00 | 24.90 | Peak |
| 5 | 4387.078 | 23.35 | 9.83 | 33.18 | 54.00 | 20.82 | Average |
| 6 | 4387.078 | 35.70 | 9.83 | 45.53 | 74.00 | 28.47 | Peak |

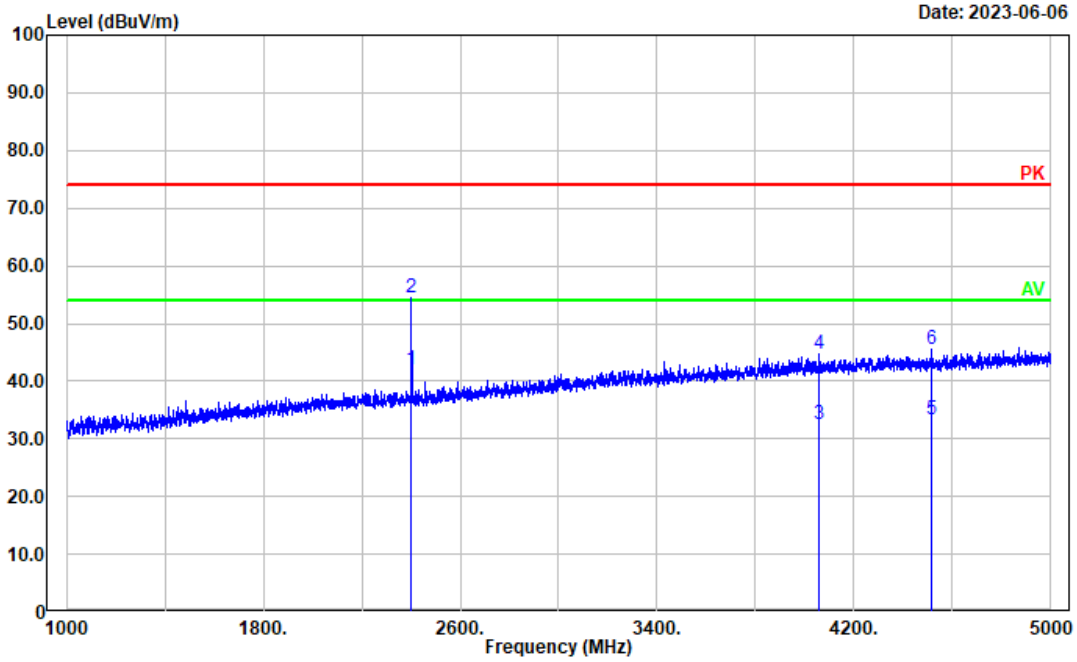
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2401.880 | 38.25 | 3.53 | 41.78 | 54.00 | 12.22 | Average |
| 2 | 2401.880 | 50.50 | 3.53 | 54.03 | 74.00 | 19.97 | Peak |
| 3 | 4315.063 | 22.47 | 9.70 | 32.17 | 54.00 | 21.83 | Average |
| 4 | 4315.063 | 34.94 | 9.70 | 44.64 | 74.00 | 29.36 | Peak |
| 5 | 4433.487 | 22.41 | 9.88 | 32.29 | 54.00 | 21.71 | Average |
| 6 | 4433.487 | 34.82 | 9.88 | 44.70 | 74.00 | 29.30 | Peak |

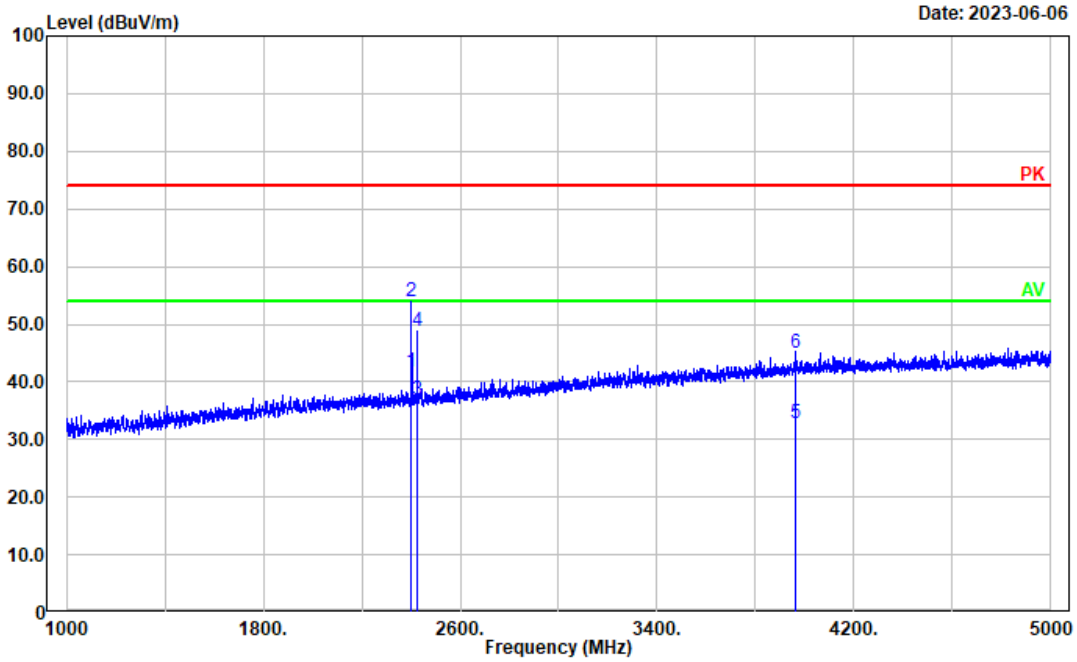
(RX 460 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2401.880 | 38.46 | 3.53 | 41.99 | 54.00 | 12.01 | Average |
| 2 | 2401.880 | 50.91 | 3.53 | 54.44 | 74.00 | 19.56 | Peak |
| 3 | 4056.611 | 23.12 | 9.44 | 32.56 | 54.00 | 21.44 | Average |
| 4 | 4056.611 | 35.23 | 9.44 | 44.67 | 74.00 | 29.33 | Peak |
| 5 | 4514.303 | 23.19 | 10.05 | 33.24 | 54.00 | 20.76 | Average |
| 6 | 4514.303 | 35.39 | 10.05 | 45.44 | 74.00 | 28.56 | Peak |

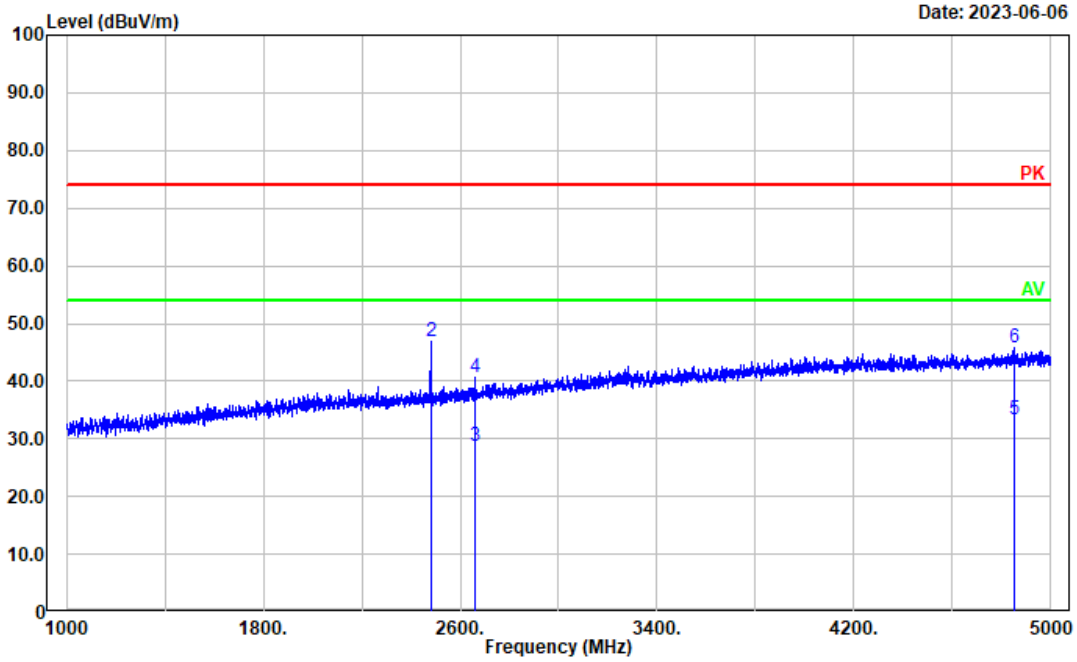
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2401.880 | 38.15 | 3.53 | 41.68 | 54.00 | 12.32 | Average |
| 2 | 2401.880 | 50.29 | 3.53 | 53.82 | 74.00 | 20.18 | Peak |
| 3 | 2425.085 | 33.16 | 3.58 | 36.74 | 54.00 | 17.26 | Average |
| 4 | 2425.085 | 45.32 | 3.58 | 48.90 | 74.00 | 25.10 | Peak |
| 5 | 3964.593 | 23.42 | 9.27 | 32.69 | 54.00 | 21.31 | Average |
| 6 | 3964.593 | 35.85 | 9.27 | 45.12 | 74.00 | 28.88 | Peak |

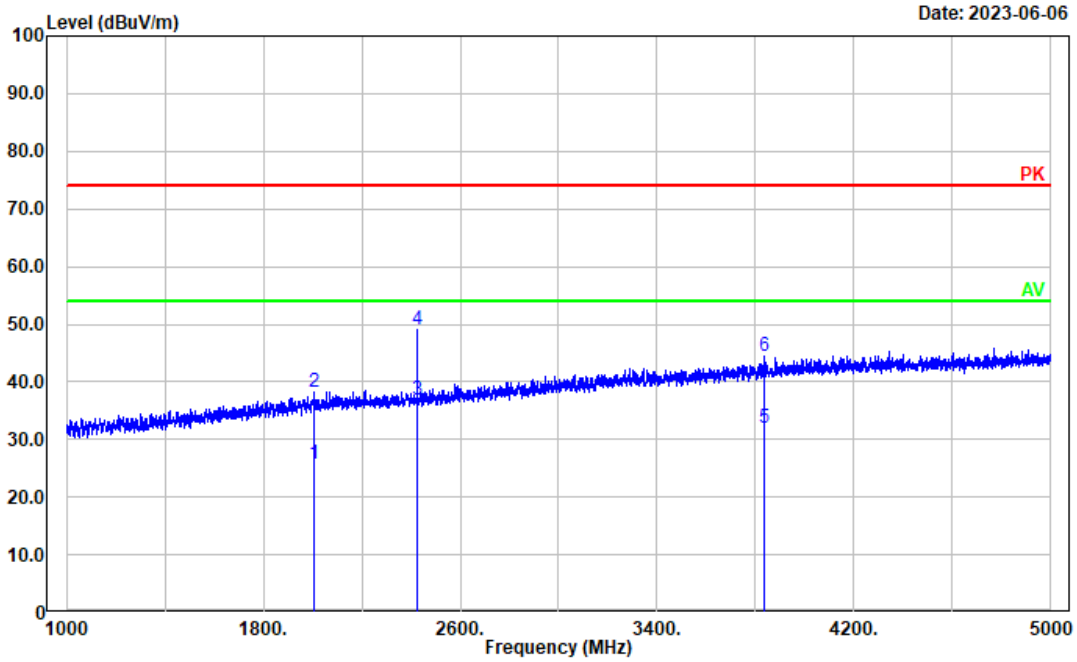
(RX 519.9875 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2479.496 | 31.11 | 3.62 | 34.73 | 54.00 | 19.27 | Average |
| 2 | 2479.496 | 43.22 | 3.62 | 46.84 | 74.00 | 27.16 | Peak |
| 3 | 2661.932 | 24.09 | 4.51 | 28.60 | 54.00 | 25.40 | Average |
| 4 | 2661.932 | 36.17 | 4.51 | 40.68 | 74.00 | 33.32 | Peak |
| 5 | 4851.170 | 22.35 | 10.97 | 33.32 | 54.00 | 20.68 | Average |
| 6 | 4851.170 | 34.80 | 10.97 | 45.77 | 74.00 | 28.23 | Peak |

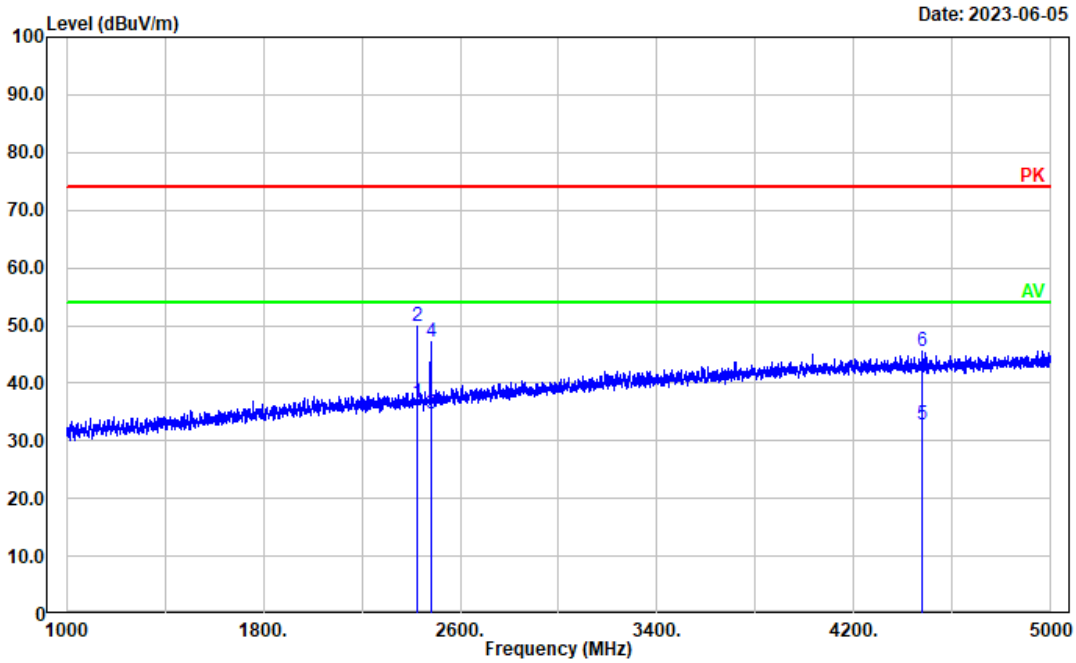
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2005.801 | 23.49 | 2.34 | 25.83 | 54.00 | 28.17 | Average |
| 2 | 2005.801 | 35.99 | 2.34 | 38.33 | 74.00 | 35.67 | Peak |
| 3 | 2425.885 | 33.20 | 3.58 | 36.78 | 54.00 | 17.22 | Average |
| 4 | 2425.885 | 45.41 | 3.58 | 48.99 | 74.00 | 25.01 | Peak |
| 5 | 3836.567 | 23.28 | 8.81 | 32.09 | 54.00 | 21.91 | Average |
| 6 | 3836.567 | 35.57 | 8.81 | 44.38 | 74.00 | 29.62 | Peak |

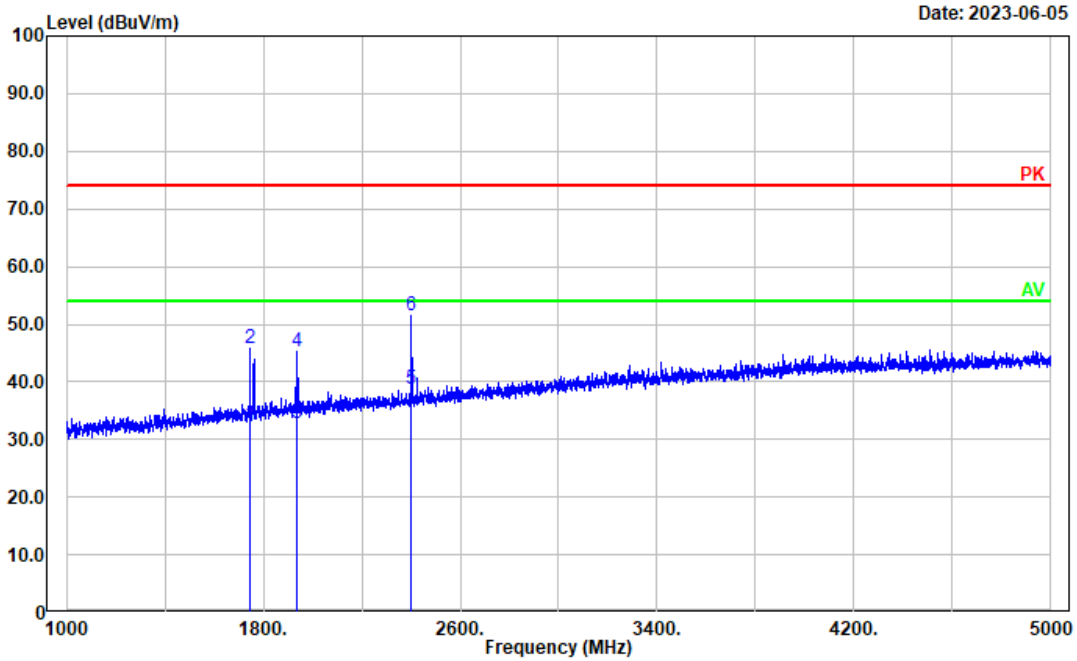
**Test Mode:** *M3*
*(FM 65.1* MHz*)*

Test Mode: M3 Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2425.885 | 32.97 | 3.58 | 36.55 | 54.00 | 17.45 | Average |
| 2 | 2425.885 | 46.23 | 3.58 | 49.81 | 74.00 | 24.19 | Peak |
| 3 | 2479.496 | 31.06 | 3.62 | 34.68 | 54.00 | 19.32 | Average |
| 4 | 2479.496 | 43.63 | 3.62 | 47.25 | 74.00 | 26.75 | Peak |
| 5 | 4475.095 | 22.77 | 9.95 | 32.72 | 54.00 | 21.28 | Average |
| 6 | 4475.095 | 35.60 | 9.95 | 45.55 | 74.00 | 28.45 | Peak |

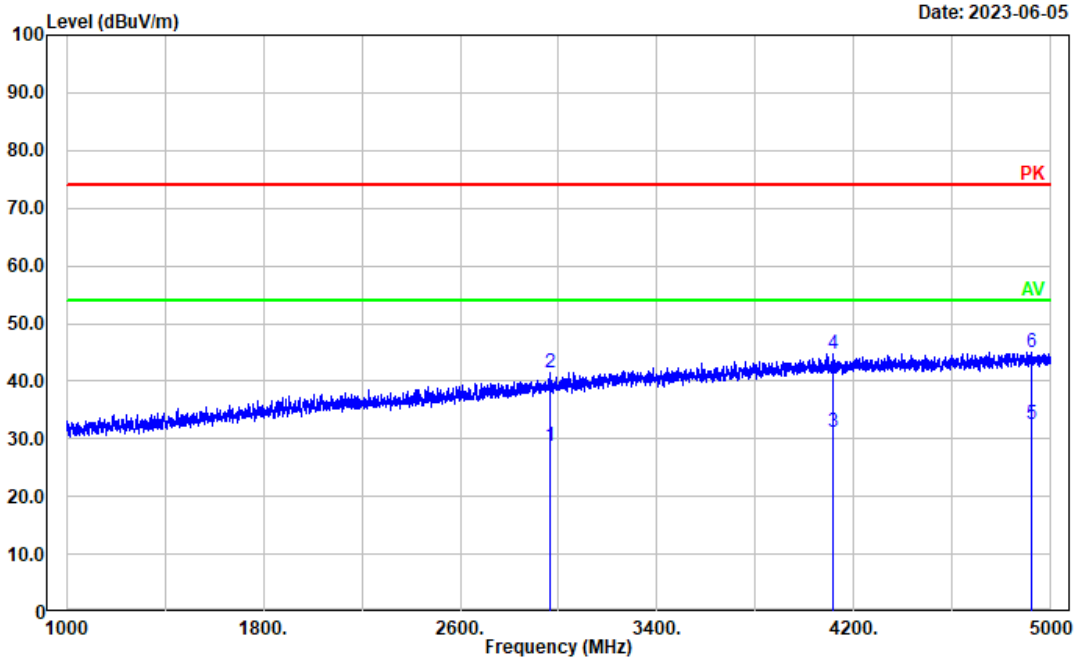
Test Mode: M3 Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 1746.549 | 31.60 | 0.96 | 32.56 | 54.00 | 21.44 | Average |
| 2 | 1746.549 | 44.76 | 0.96 | 45.72 | 74.00 | 28.28 | Peak |
| 3 | 1937.788 | 30.64 | 2.03 | 32.67 | 54.00 | 21.33 | Average |
| 4 | 1937.788 | 43.21 | 2.03 | 45.24 | 74.00 | 28.76 | Peak |
| 5 | 2401.080 | 35.16 | 3.53 | 38.69 | 54.00 | 15.31 | Average |
| 6 | 2401.080 | 48.08 | 3.53 | 51.61 | 74.00 | 22.39 | Peak |

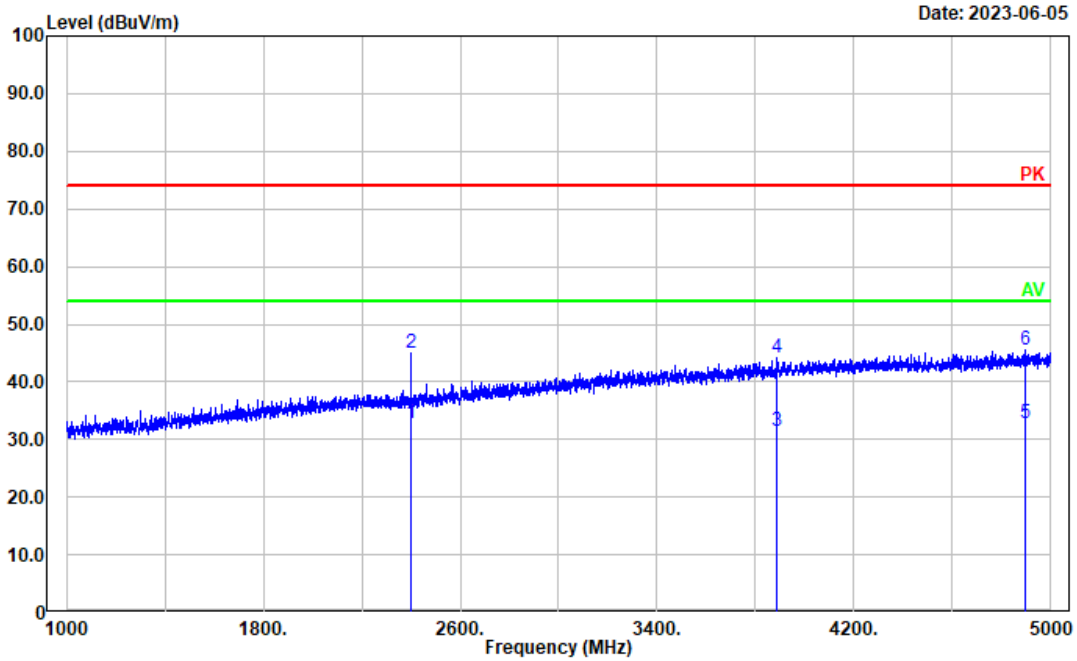
(FM 86.5 MHz)

Test Mode: M3 Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2963.593 | 22.78 | 5.91 | 28.69 | 54.00 | 25.31 | Average |
| 2 | 2963.593 | 35.61 | 5.91 | 41.52 | 74.00 | 32.48 | Peak |
| 3 | 4112.623 | 21.74 | 9.54 | 31.28 | 54.00 | 22.72 | Average |
| 4 | 4112.623 | 35.27 | 9.54 | 44.81 | 74.00 | 29.19 | Peak |
| 5 | 4918.384 | 21.45 | 11.18 | 32.63 | 54.00 | 21.37 | Average |
| 6 | 4918.384 | 33.94 | 11.18 | 45.12 | 74.00 | 28.88 | Peak |

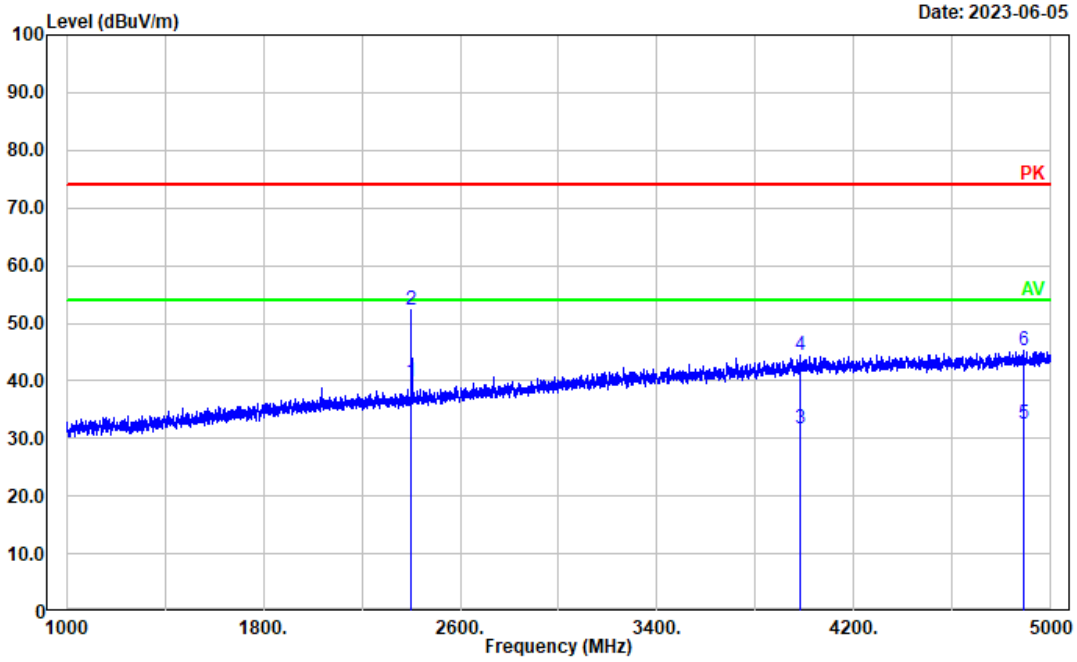
Test Mode: M3 Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2401.080 | 29.21 | 3.53 | 32.74 | 54.00 | 21.26 | Average |
| 2 | 2401.080 | 41.52 | 3.53 | 45.05 | 74.00 | 28.95 | Peak |
| 3 | 3886.177 | 22.56 | 8.96 | 31.52 | 54.00 | 22.48 | Average |
| 4 | 3886.177 | 35.11 | 8.96 | 44.07 | 74.00 | 29.93 | Peak |
| 5 | 4895.979 | 21.54 | 11.12 | 32.66 | 54.00 | 21.34 | Average |
| 6 | 4895.979 | 34.43 | 11.12 | 45.55 | 74.00 | 28.45 | Peak |

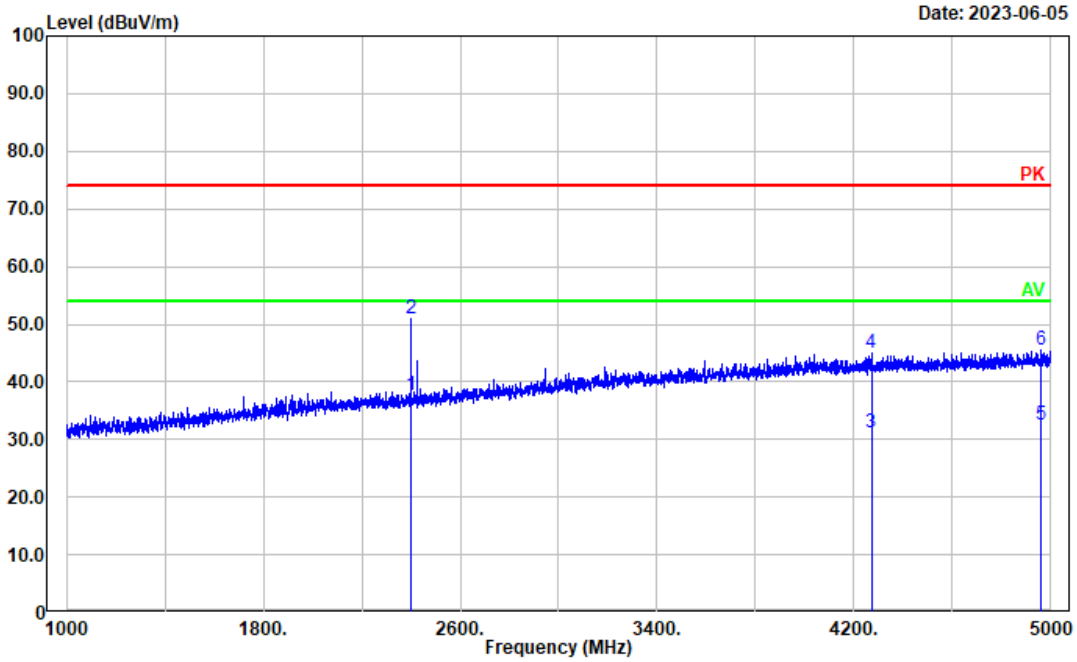
(FM 107.9 MHz)

Test Mode: M3 Charging& Receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2401.880 | 36.29 | 3.53 | 39.82 | 54.00 | 14.18 | Average |
| 2 | 2401.880 | 48.79 | 3.53 | 52.32 | 74.00 | 21.68 | Peak |
| 3 | 3982.997 | 22.31 | 9.31 | 31.62 | 54.00 | 22.38 | Average |
| 4 | 3982.997 | 35.13 | 9.31 | 44.44 | 74.00 | 29.56 | Peak |
| 5 | 4887.177 | 21.33 | 11.08 | 32.41 | 54.00 | 21.59 | Average |
| 6 | 4887.177 | 34.06 | 11.08 | 45.14 | 74.00 | 28.86 | Peak |

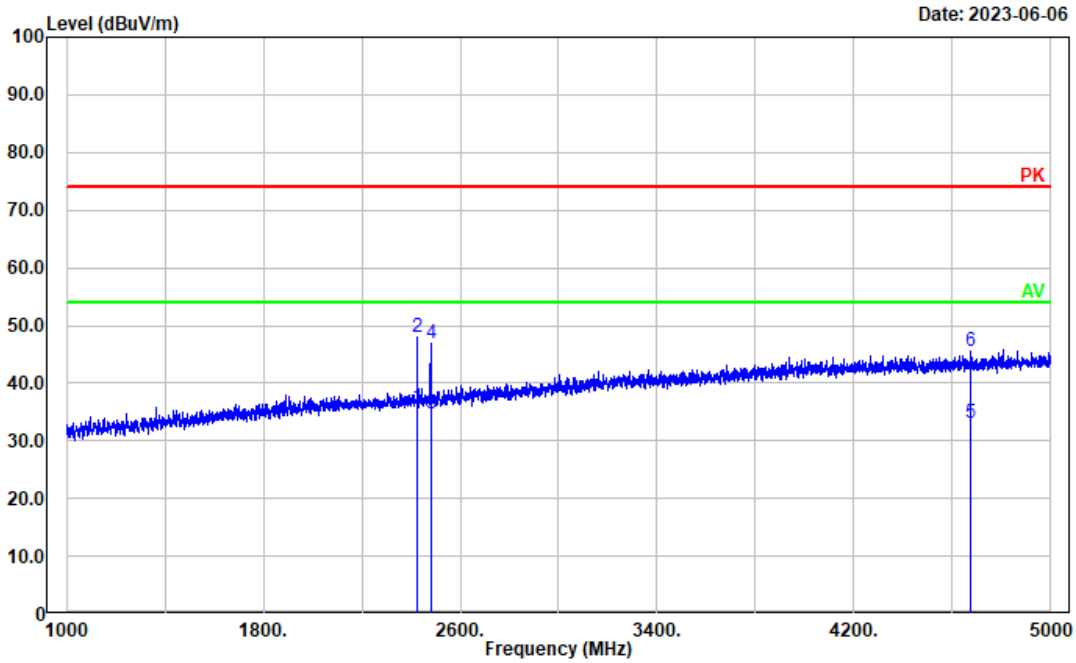
Test Mode: M3 Charging& Receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2401.080 | 34.16 | 3.53 | 37.69 | 54.00 | 16.31 | Average |
| 2 | 2401.080 | 47.36 | 3.53 | 50.89 | 74.00 | 23.11 | Peak |
| 3 | 4270.254 | 21.56 | 9.69 | 31.25 | 54.00 | 22.75 | Average |
| 4 | 4270.254 | 35.24 | 9.69 | 44.93 | 74.00 | 29.07 | Peak |
| 5 | 4959.192 | 21.24 | 11.23 | 32.47 | 54.00 | 21.53 | Average |
| 6 | 4959.192 | 34.17 | 11.23 | 45.40 | 74.00 | 28.60 | Peak |

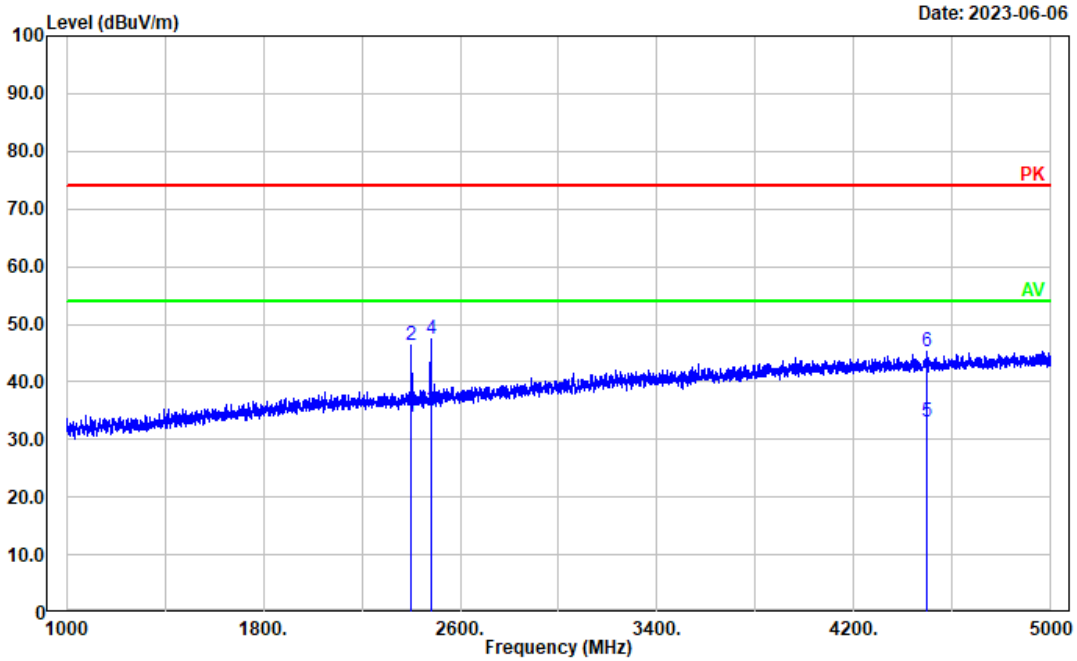
**Test Mode:** *M4*
*(161.65* MHz*)*

Test Mode: Charging& NOAA receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2425.085 | 32.21 | 3.58 | 35.79 | 54.00 | 18.21 | Average |
| 2 | 2425.085 | 44.42 | 3.58 | 48.00 | 74.00 | 26.00 | Peak |
| 3 | 2479.496 | 31.08 | 3.62 | 34.70 | 54.00 | 19.30 | Average |
| 4 | 2479.496 | 43.17 | 3.62 | 46.79 | 74.00 | 27.21 | Peak |
| 5 | 4675.935 | 22.48 | 10.49 | 32.97 | 54.00 | 21.03 | Average |
| 6 | 4675.935 | 34.94 | 10.49 | 45.43 | 74.00 | 28.57 | Peak |

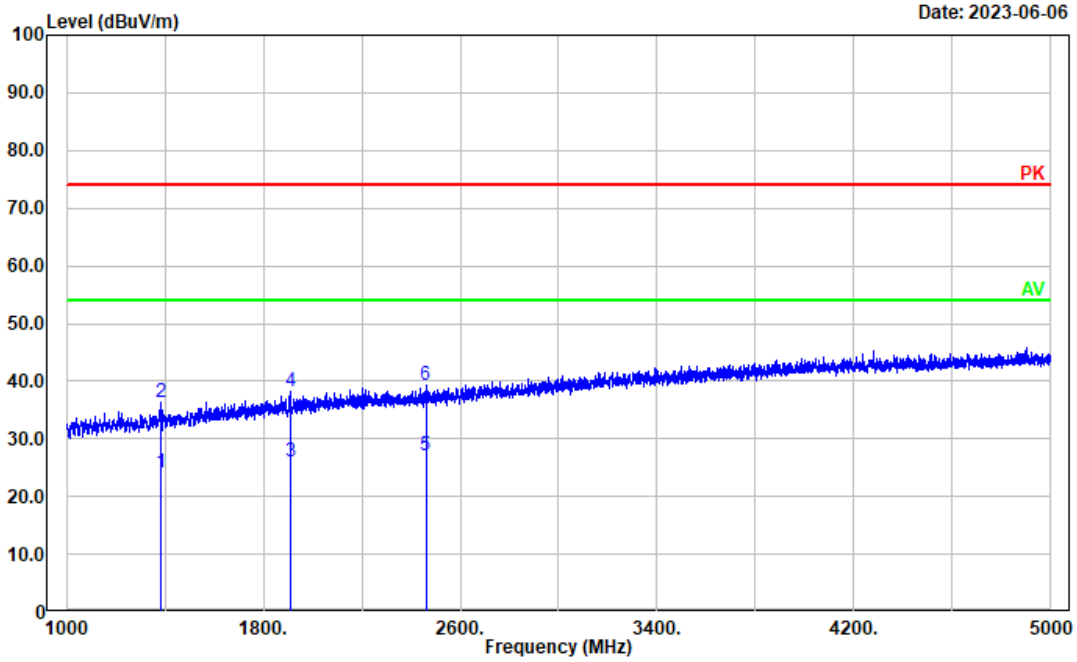
Test Mode: Charging& NOAA receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2402.680 | 30.43 | 3.54 | 33.97 | 54.00 | 20.03 | Average |
| 2 | 2402.680 | 42.86 | 3.54 | 46.40 | 74.00 | 27.60 | Peak |
| 3 | 2479.496 | 31.39 | 3.62 | 35.01 | 54.00 | 18.99 | Average |
| 4 | 2479.496 | 43.79 | 3.62 | 47.41 | 74.00 | 26.59 | Peak |
| 5 | 4496.699 | 23.09 | 10.00 | 33.09 | 54.00 | 20.91 | Average |
| 6 | 4496.699 | 35.19 | 10.00 | 45.19 | 74.00 | 28.81 | Peak |

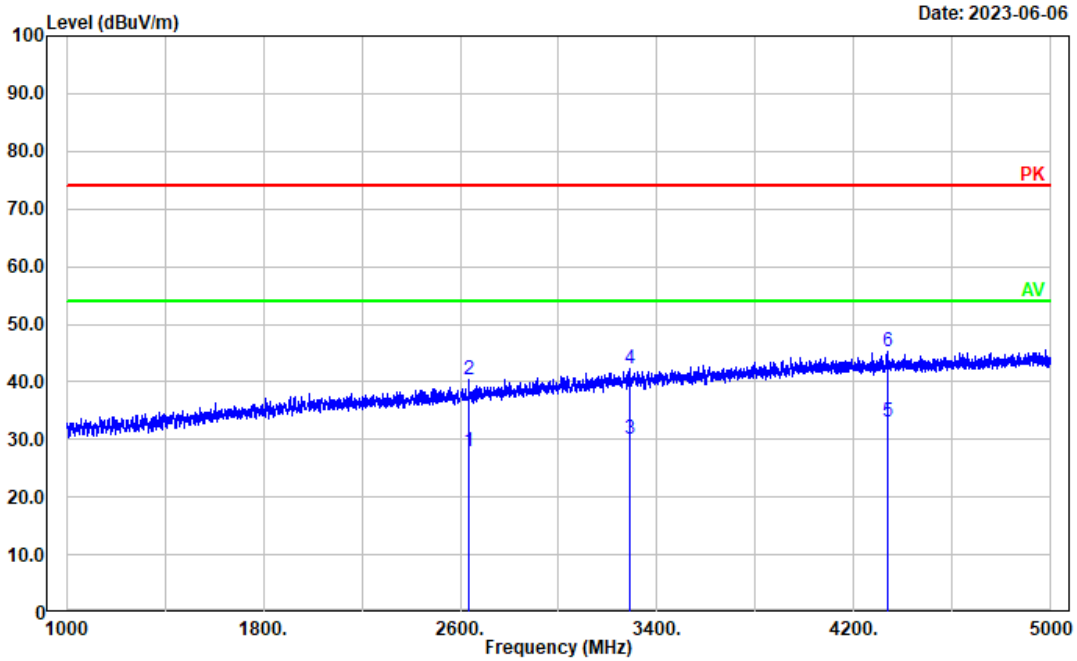
*(163.275* MHz*)*

Test Mode: Charging& NOAA receiving
Polarization: horizontal
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 1380.876 | 25.10 | -1.01 | 24.09 | 54.00 | 29.91 | Average |
| 2 | 1380.876 | 37.21 | -1.01 | 36.20 | 74.00 | 37.80 | Peak |
| 3 | 1908.182 | 24.18 | 1.92 | 26.10 | 54.00 | 27.90 | Average |
| 4 | 1908.182 | 36.38 | 1.92 | 38.30 | 74.00 | 35.70 | Peak |
| 5 | 2460.292 | 23.35 | 3.62 | 26.97 | 54.00 | 27.03 | Average |
| 6 | 2460.292 | 35.68 | 3.62 | 39.30 | 74.00 | 34.70 | Peak |

Test Mode: Charging& NOAA receiving
Polarization: vertical
Note:




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2636.327 | 23.47 | 4.38 | 27.85 | 54.00 | 26.15 | Average |
| 2 | 2636.327 | 35.92 | 4.38 | 40.30 | 74.00 | 33.70 | Peak |
| 3 | 3286.857 | 23.22 | 6.98 | 30.20 | 54.00 | 23.80 | Average |
| 4 | 3286.857 | 35.43 | 6.98 | 42.41 | 74.00 | 31.59 | Peak |
| 5 | 4336.667 | 23.21 | 9.76 | 32.97 | 54.00 | 21.03 | Average |
| 6 | 4336.667 | 35.43 | 9.76 | 45.19 | 74.00 | 28.81 | Peak |

## 4.3 Antenna Power Conduction Limits for Receivers

| | | | |
|---|---|---|---|
| Serial Number: | 25W9-1 | Test Date: | 2023/06/13~2023/06/30 |
| Test Site: | RF | Test Mode: | RX |
| Tester: | Morpheus Shi | Test Result: | Pass |

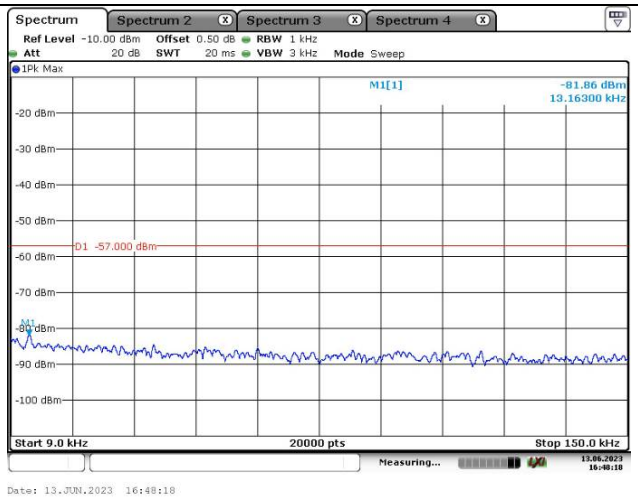
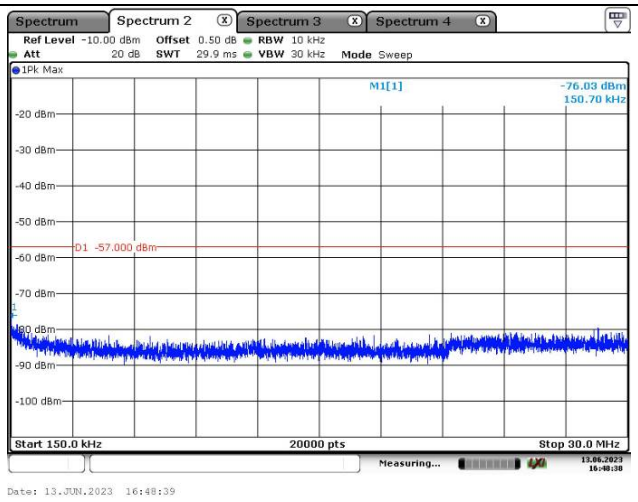
| **Environmental Conditions:** | | | | | |
|---|---|---|---|---|---|
| Temperature: (℃) | 26.8 | Relative Humidity: (%) | 48~57 | ATM Pressure: (kPa) | 99.5~99.9 |

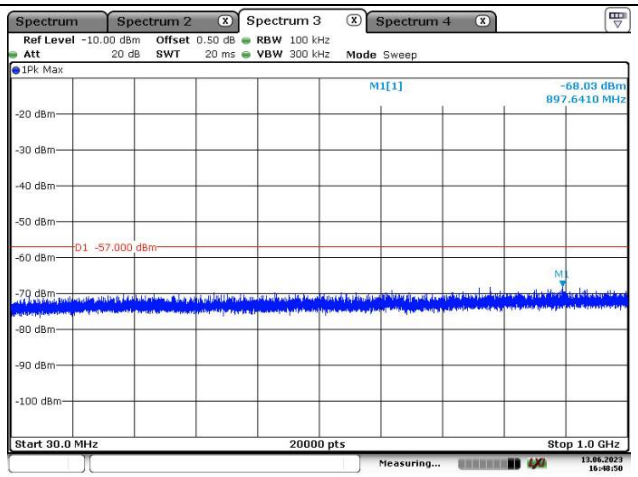
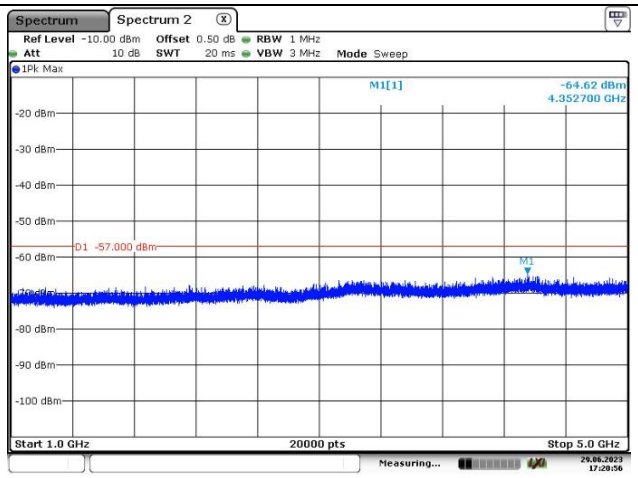
**Test Equipment List and Details:**

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|---|---|---|---|---|---|
| R&S | Spectrum Analyzer | FSV40 | 101474 | 2022/07/15 | 2023/07/14 |
| YINSAIGE | Coaxial Cable | SS402 | SJ0100001 | Each time | N/A |
| Mini-Circuits | DC Block | BLK-18-S+ | 1554403 | Each time | N/A |

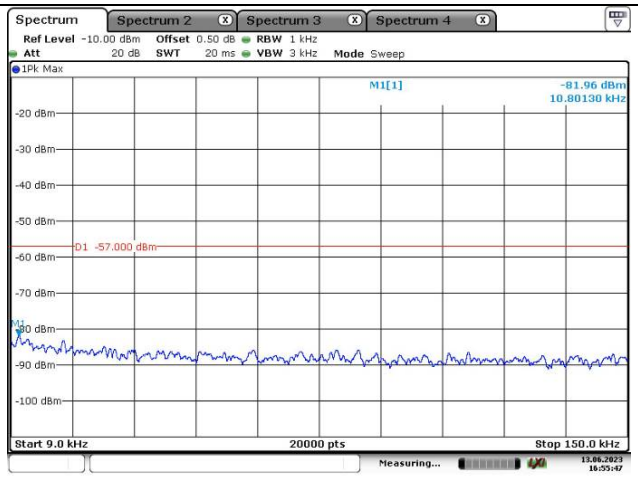
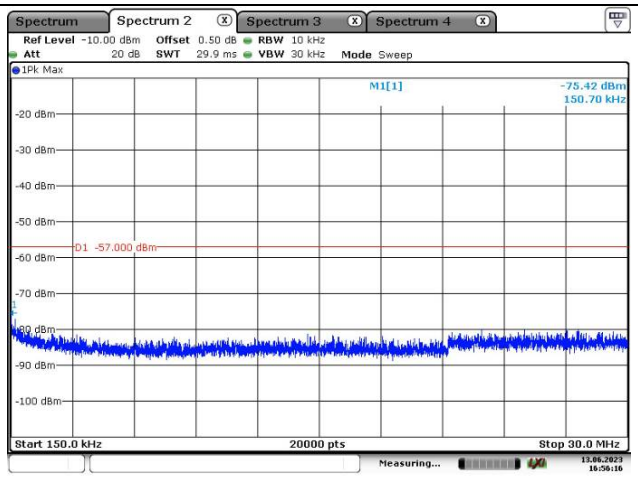
** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

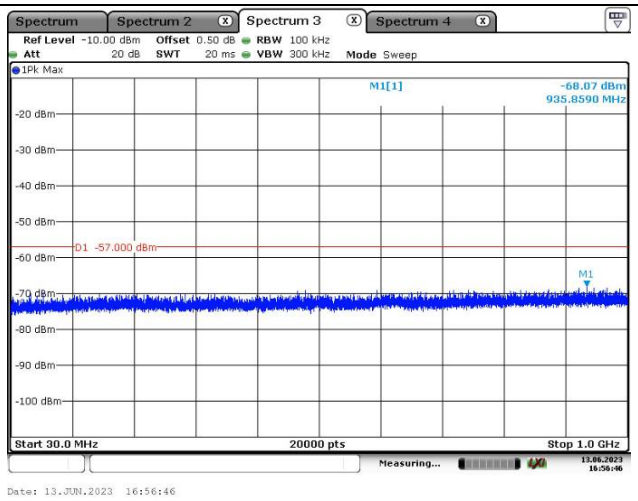
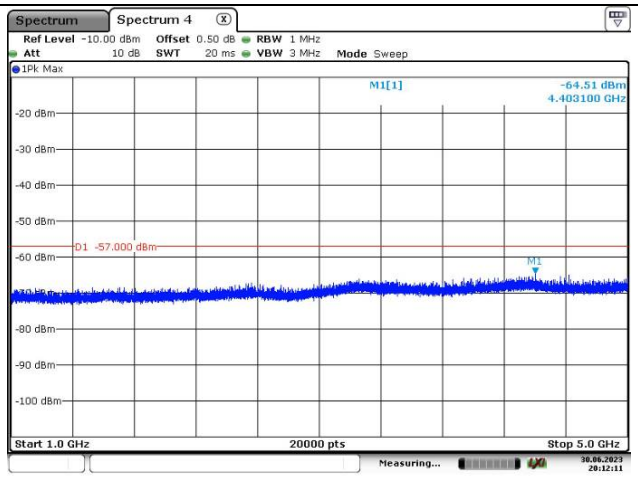
**Test Mode:** *Charging& Scanning*

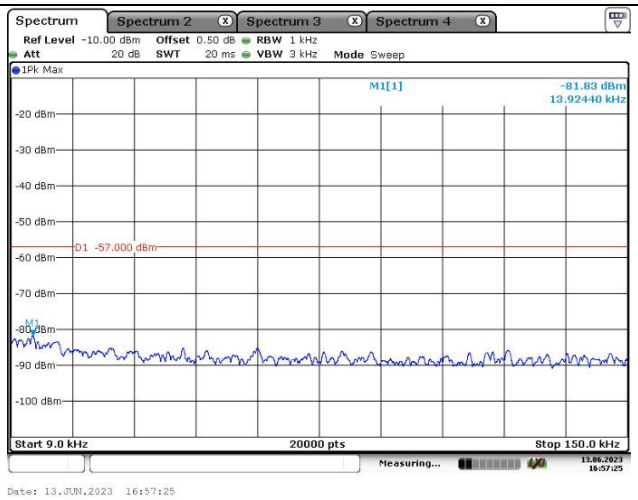
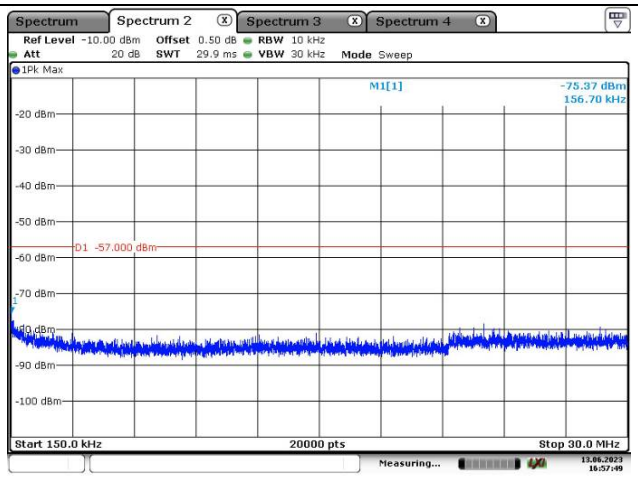
| Scanning(136-520) | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

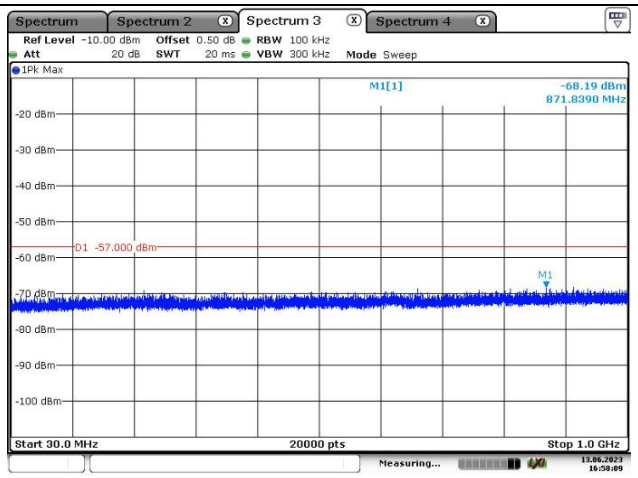
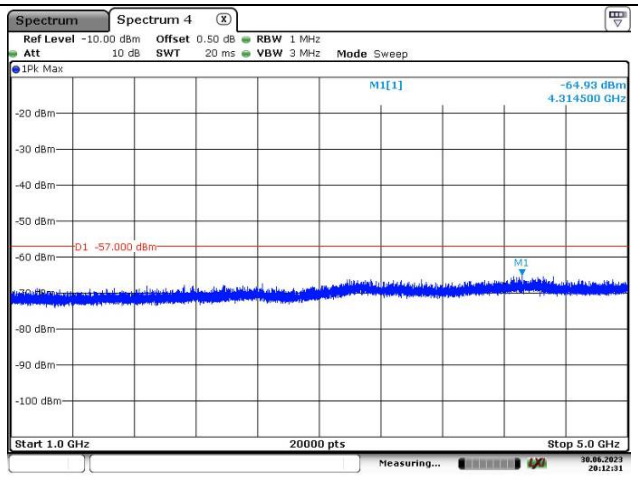
| Scanning(136-520) | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

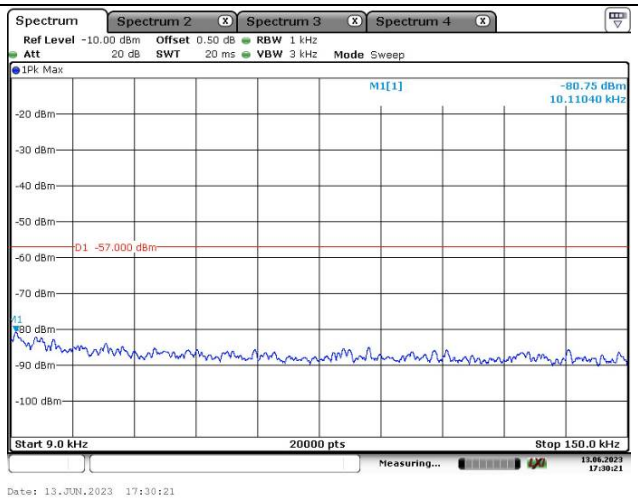
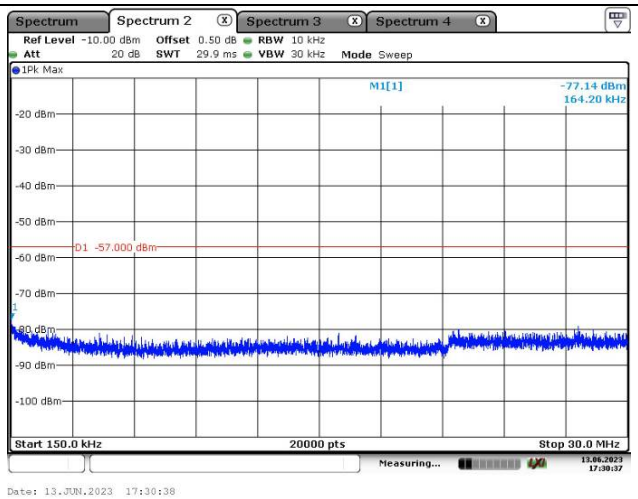
**Test Mode:** *Charging& Receiving*

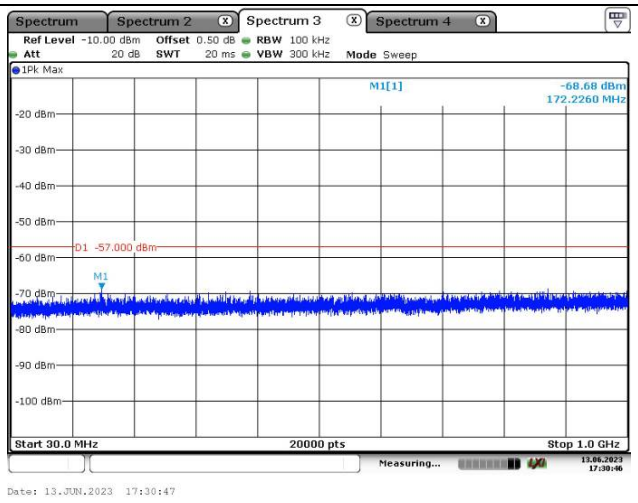
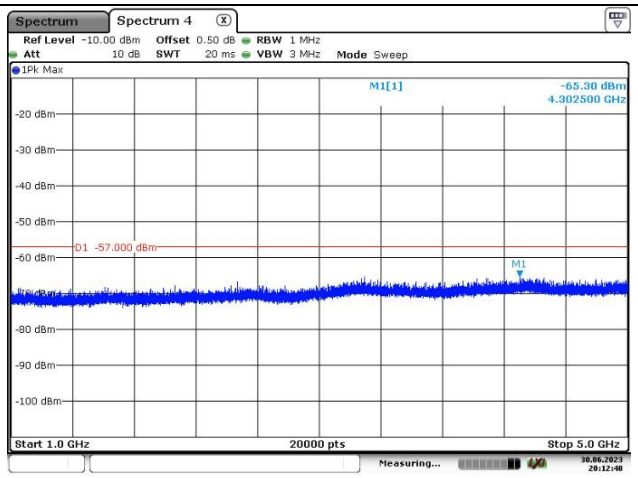
<table>
<tr><th colspan="2">136.0125 MHz</th></tr>
<tr><td>9 KHz-150 KHz</td><td> 
</td></tr>
<tr><td>150 KHz-30 MHz</td><td> 
</td></tr>
</table>

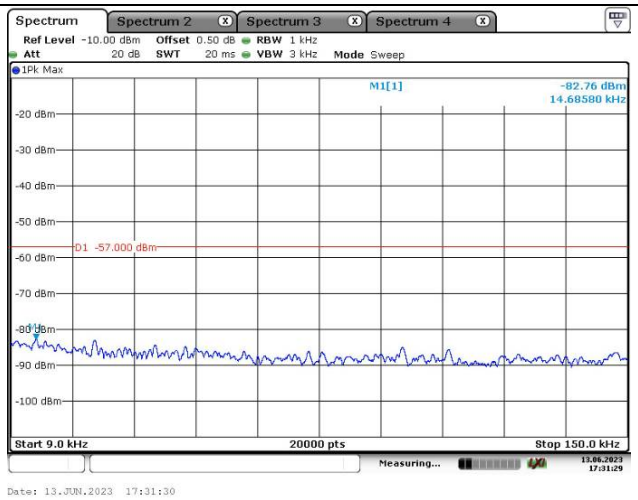
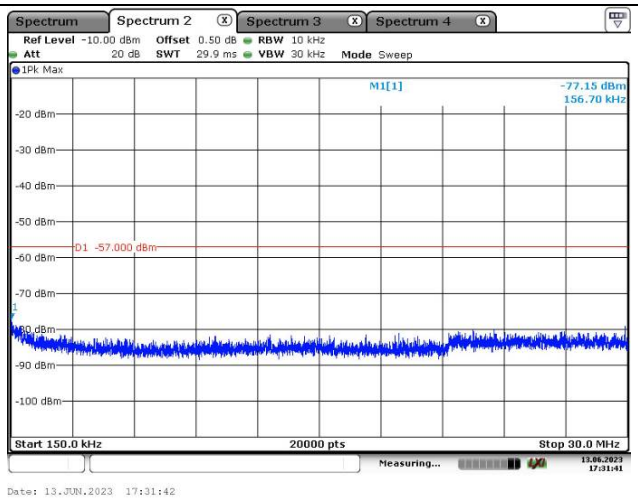
| 136.0125 MHz | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

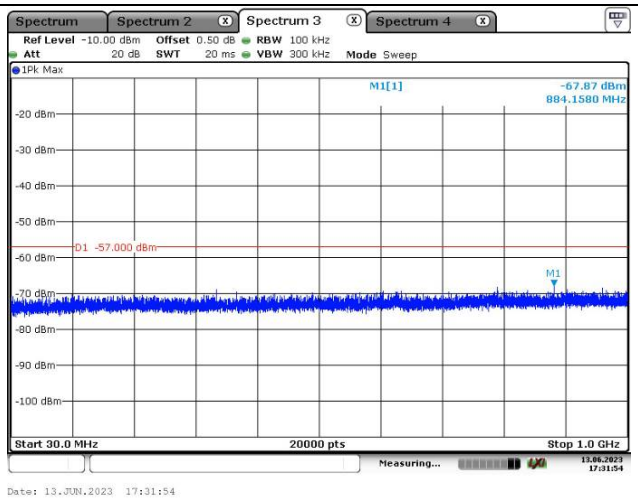
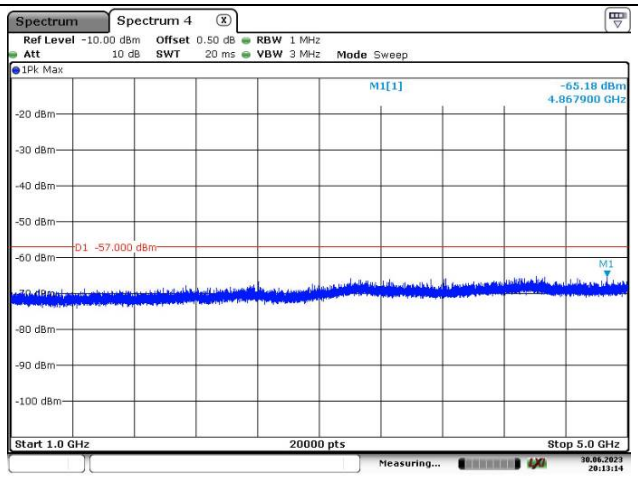
| 155 MHz | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

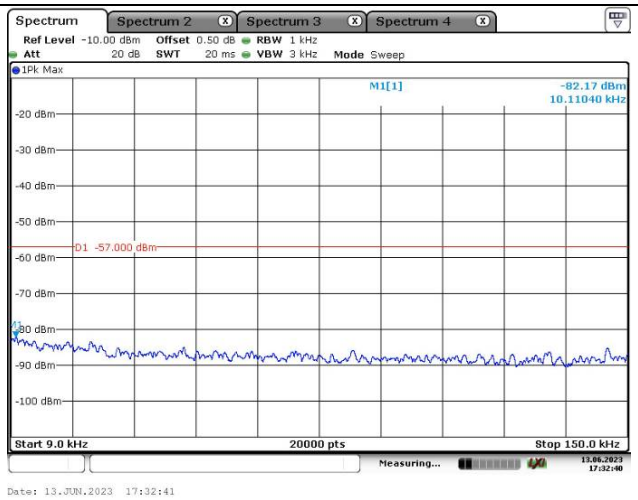
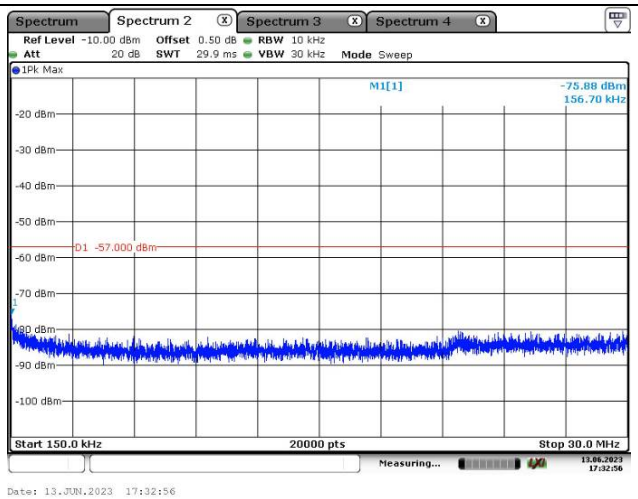
| 155 MHz | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

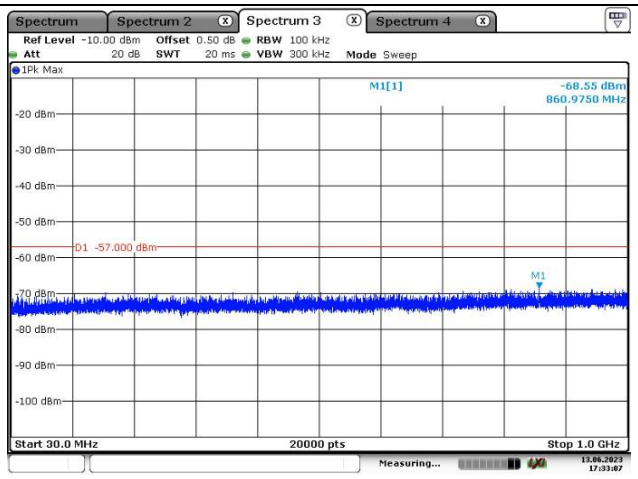
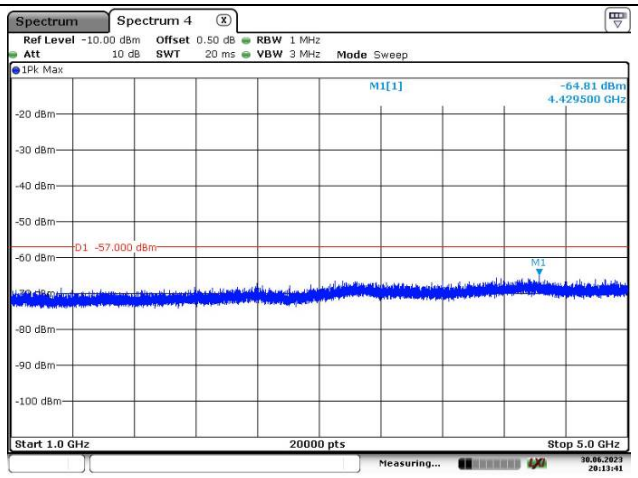
| 173.9875 MHz | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

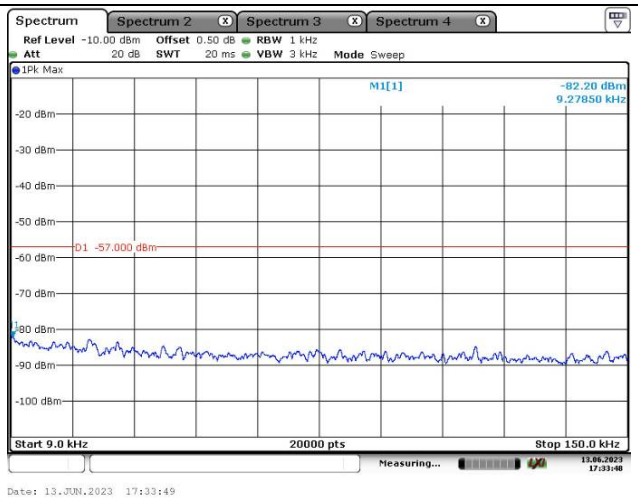
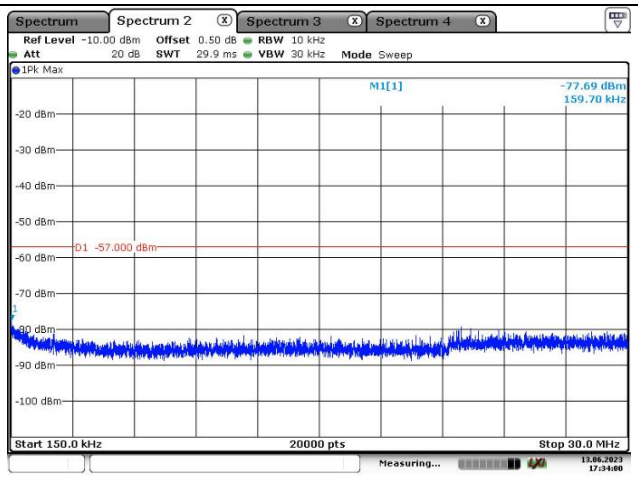
| 173.9875 MHz | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

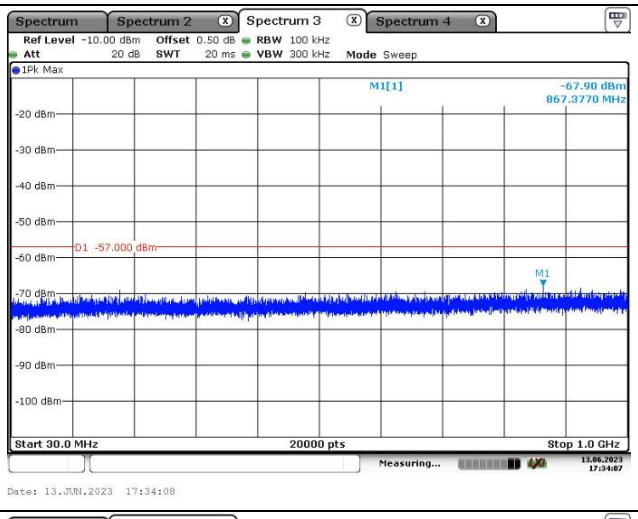
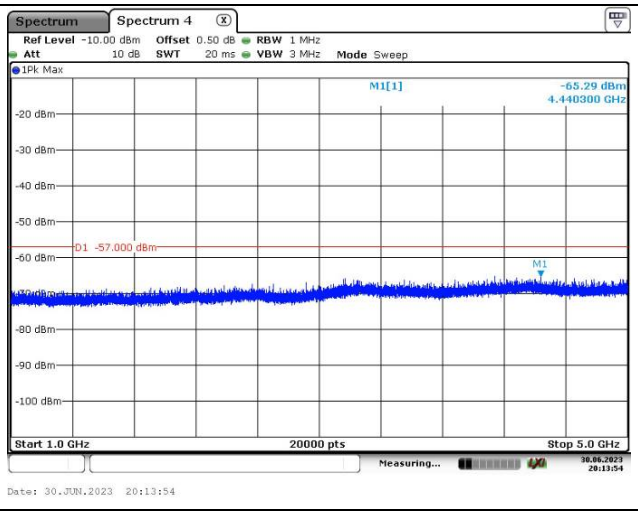
| 220.0125 MHz | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

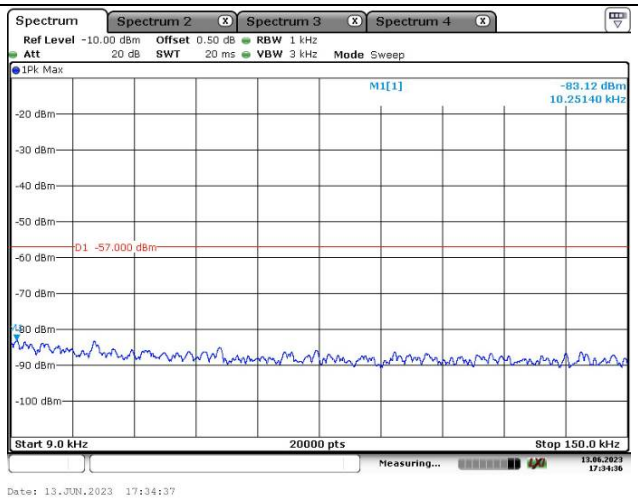
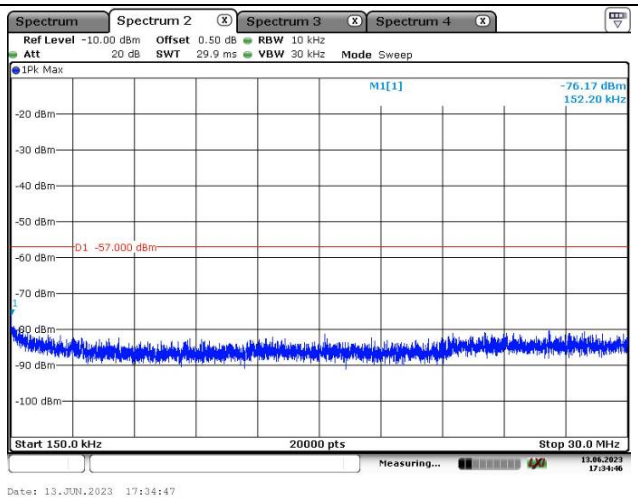
| 220.0125 MHz | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

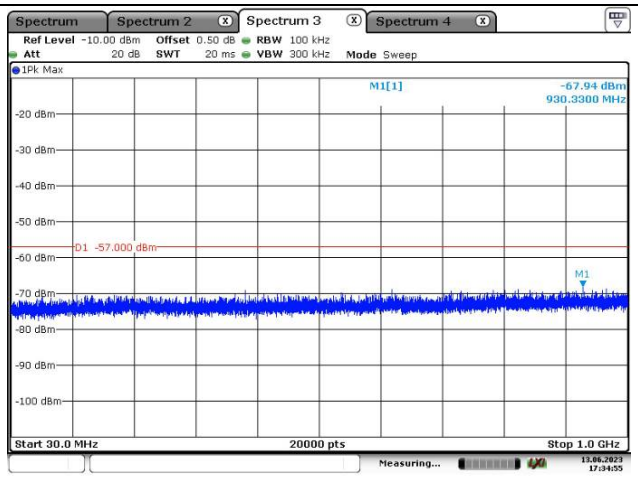
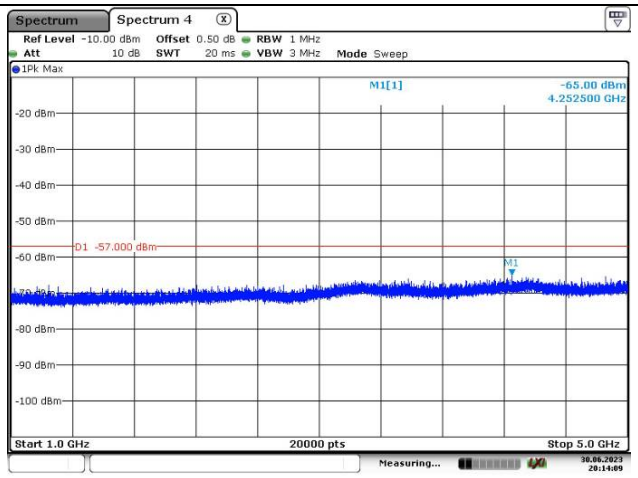
| 240 MHz | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

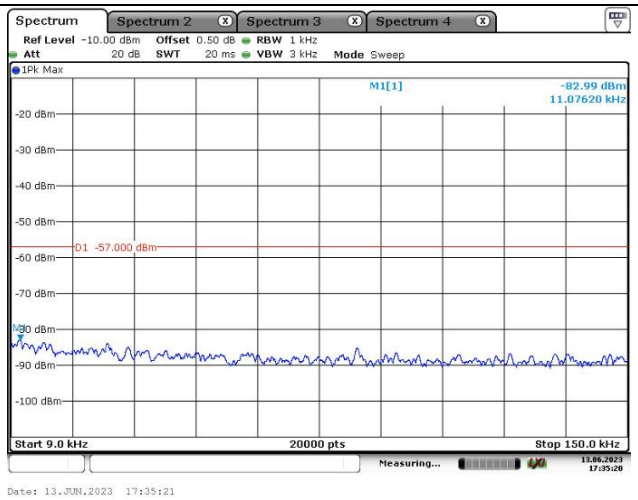
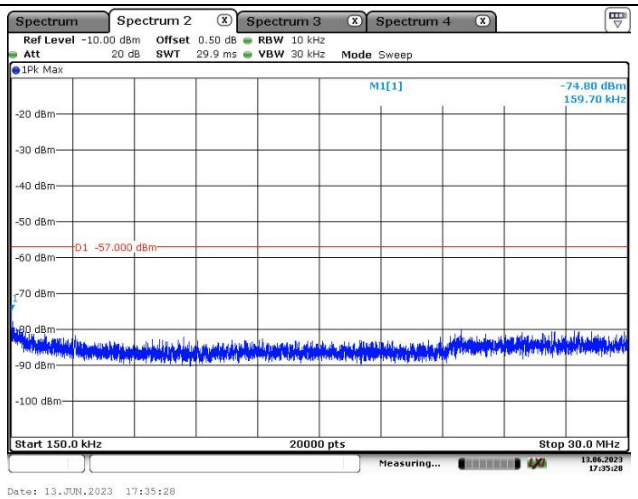
| 240 MHz | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

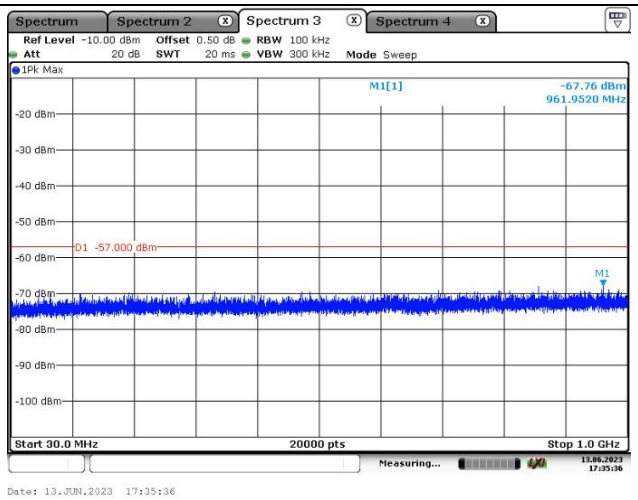
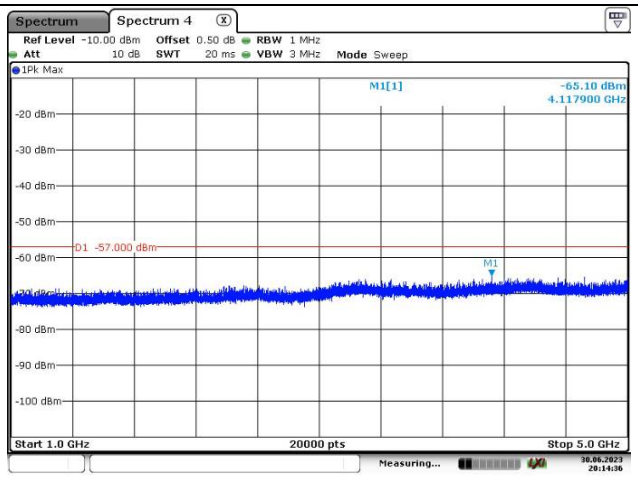
| 259.9875 MHz | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

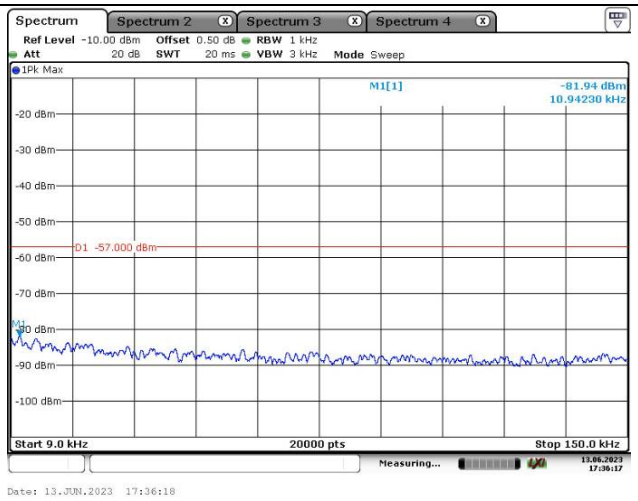
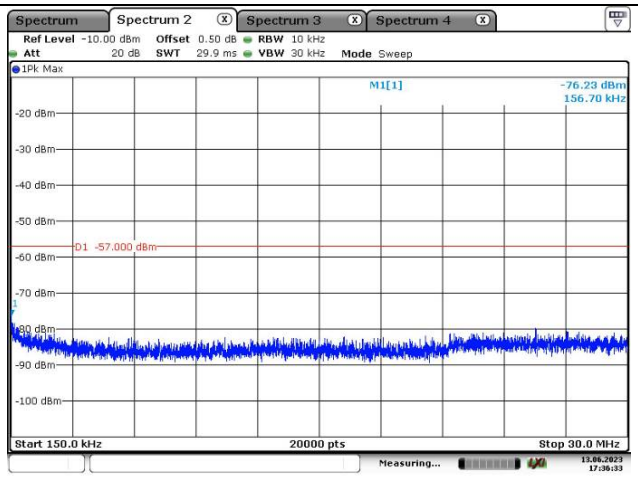
| 259.9875 MHz | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

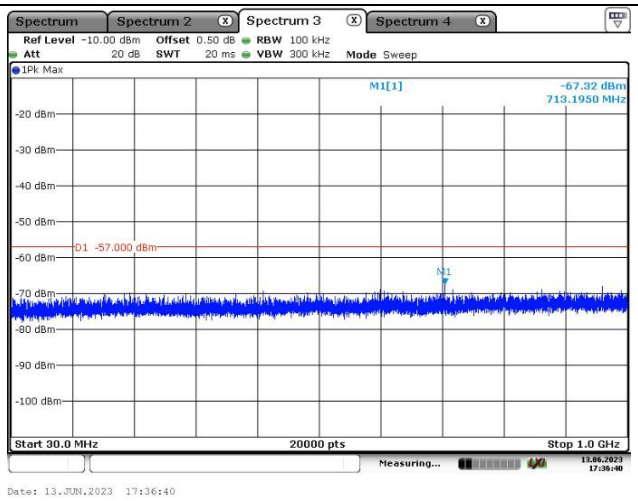
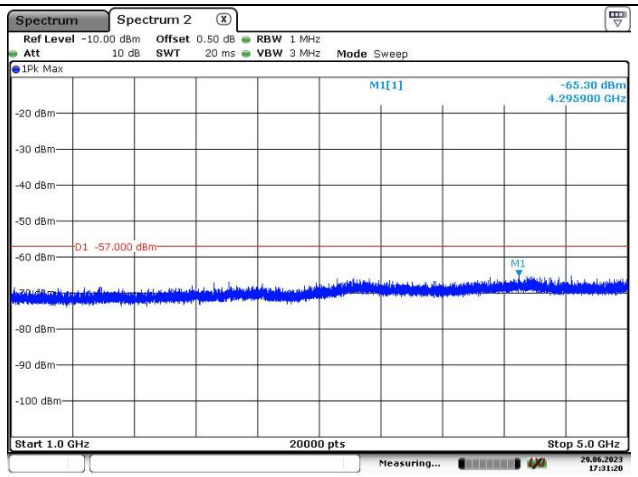
| 400.0125 MHz | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

| 400.0125 MHz | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

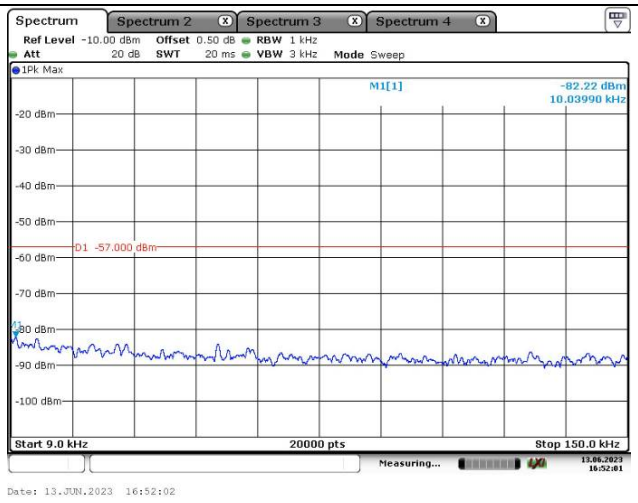
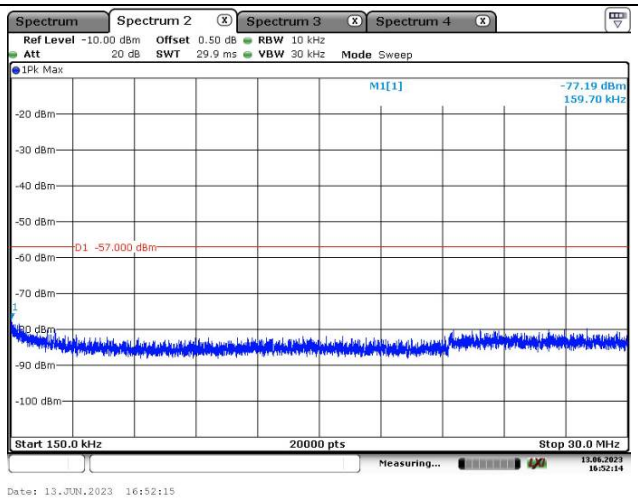
| 460 MHz | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

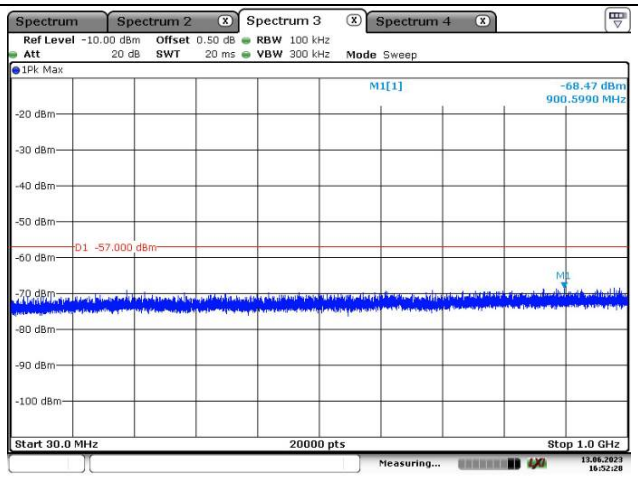
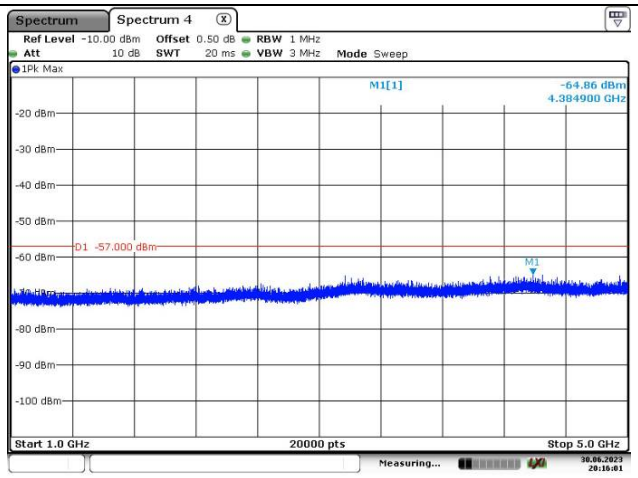
| 460 MHz | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

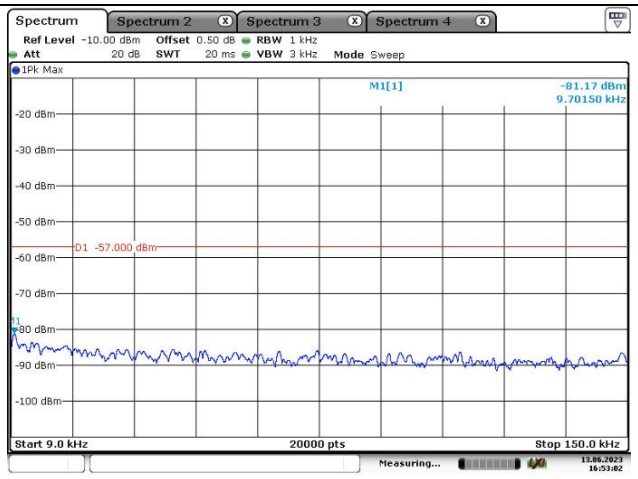
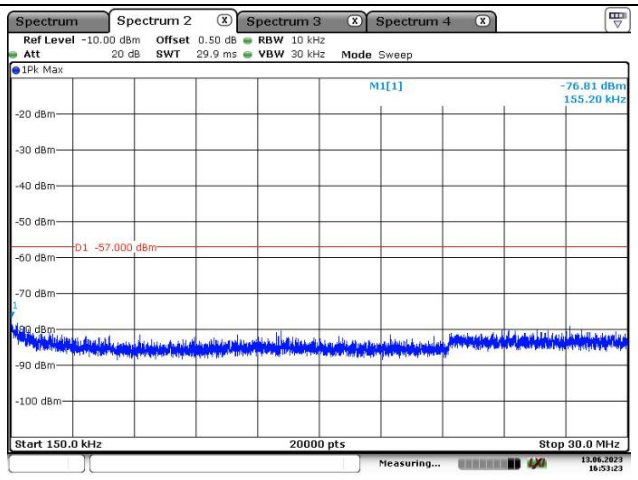
| 519.9875 MHz | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

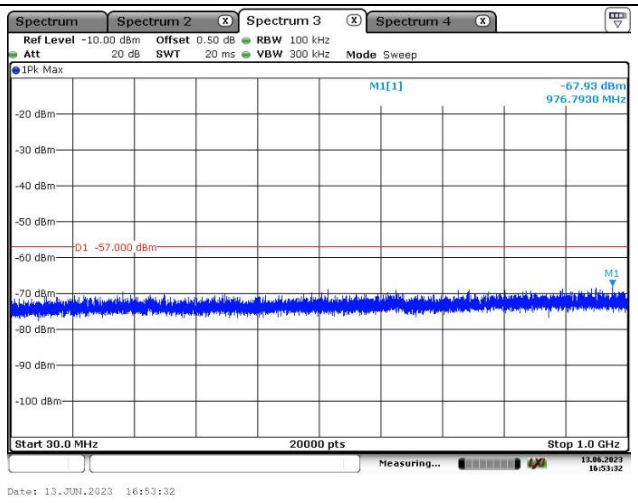
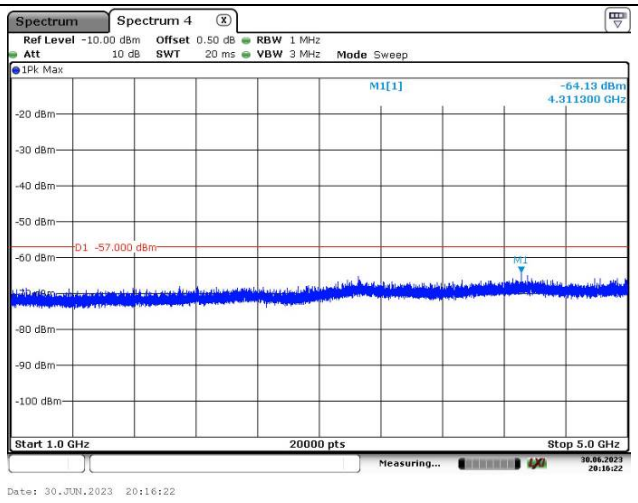
| 519.9875 MHz | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

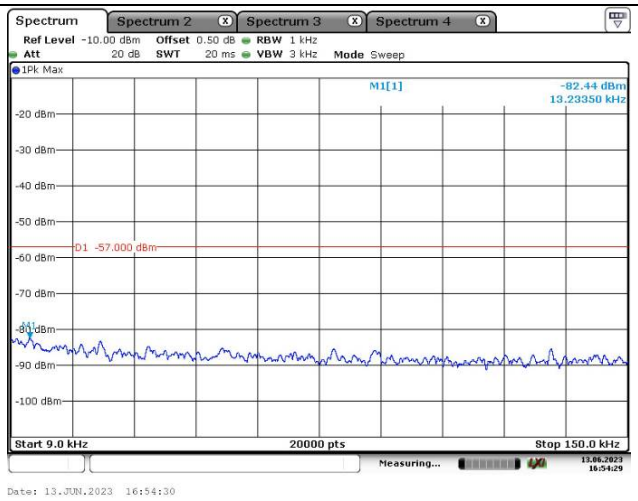
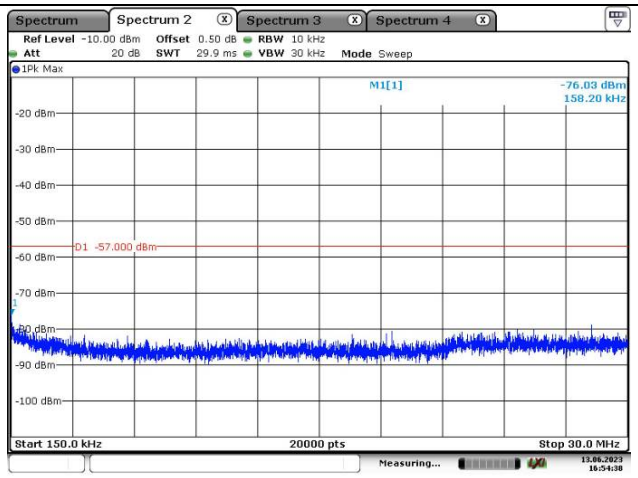
**Test Mode:** *Charging& FM Receiving*

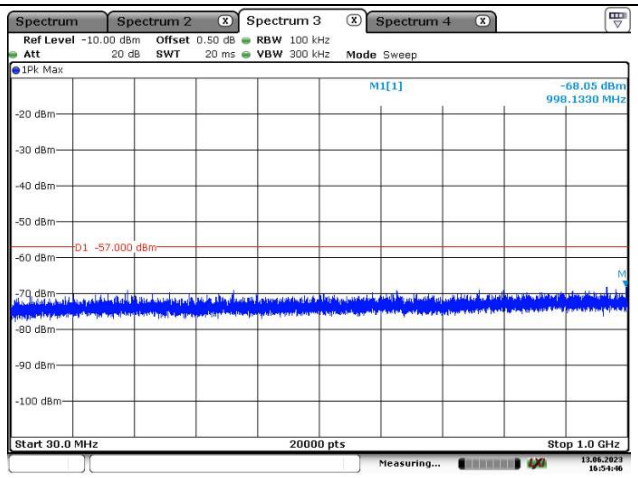
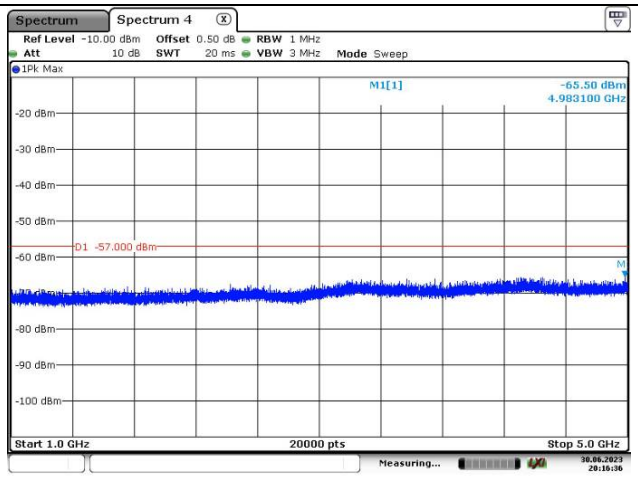
| 65.1 MHz | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

| 65.1 MHz | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

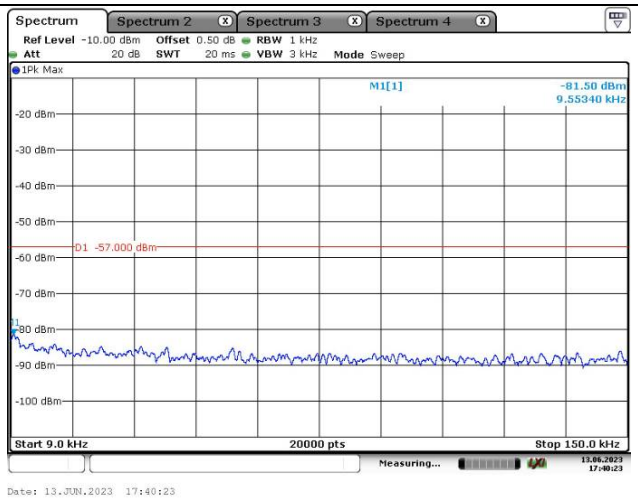
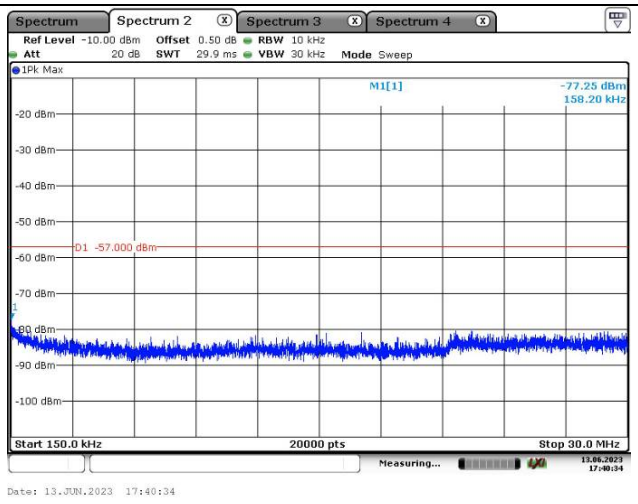
| 86.5 MHz | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

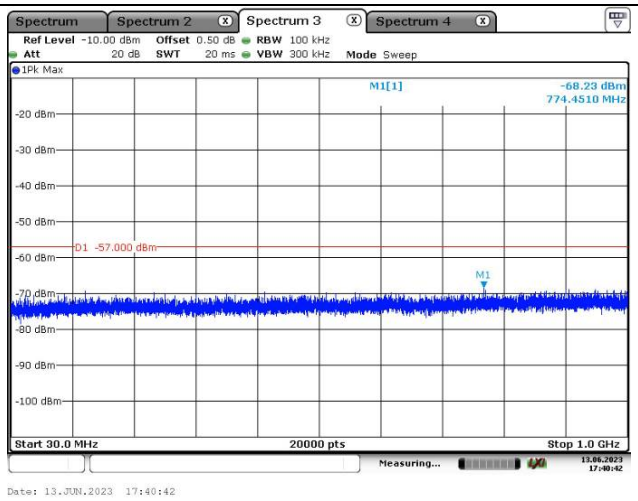
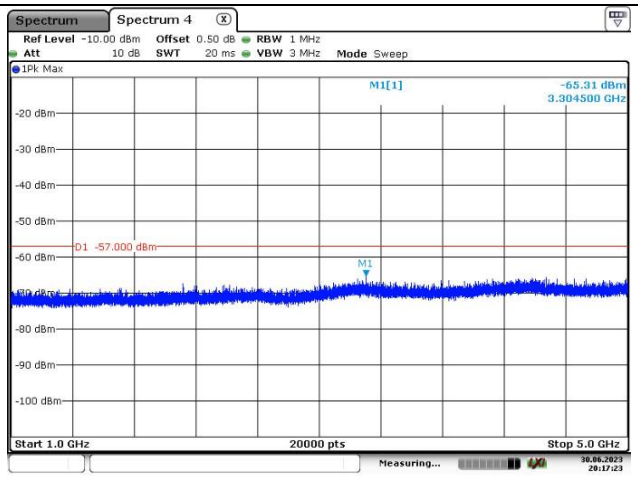
| 86.5 MHz | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

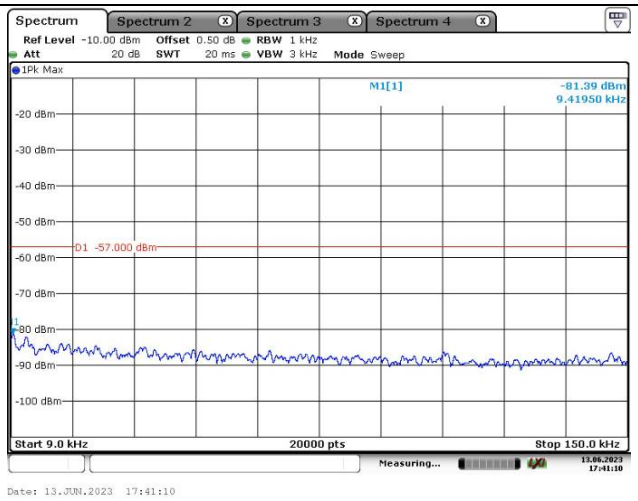
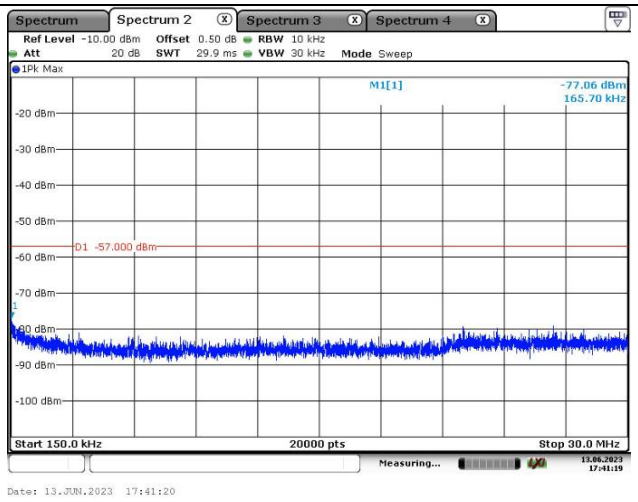
| 107.9 MHz | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

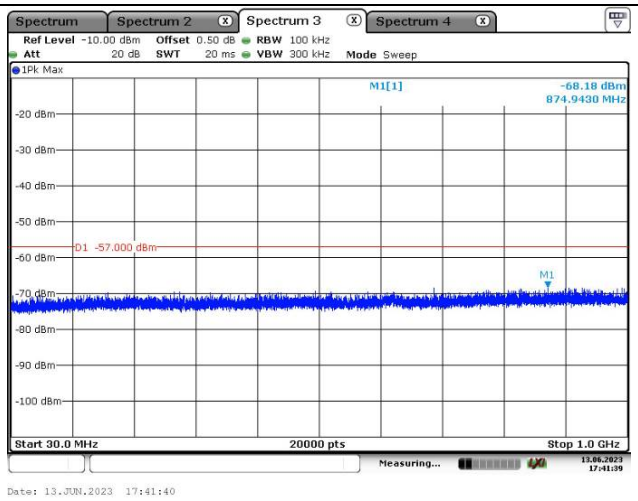
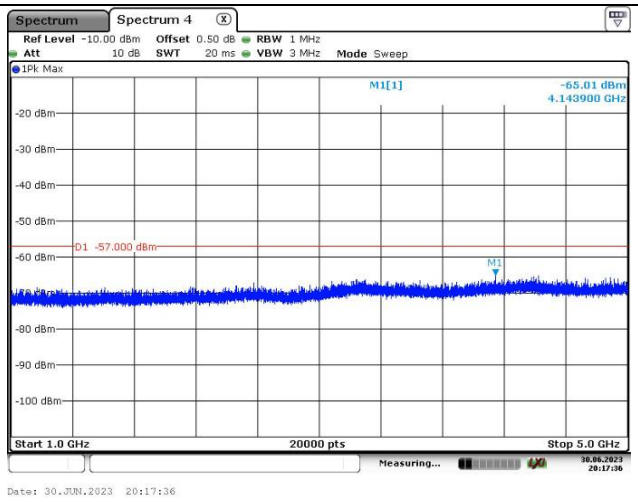
| 107.9 MHz | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

**Test Mode:** *Charging& NOAA Receiving*

| 161.65 MHz(NOAA) | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

| 161.65 MHz(NOAA) | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

| 163.275 MHz(NOAA) | |
|---|---|
| 9 KHz-150 KHz |  |
| 150 KHz-30 MHz |  |

| 163.275 MHz(NOAA) | |
|---|---|
| 30MHz -1GHz |  |
| 1GHz -5GHz |  |

## 4.4 Scanning Receivers and Frequency Converters Used with Scanning Receivers

| | | | |
|---|---|---|---|
| Serial Number: | 25W9-1 | Test Date: | 2023/06/13 |
| Test Site: | RF | Test Mode: | Scanning |
| Tester: | Morpheus Shi | Test Result: | Pass |

| **Environmental Conditions:** | | | | | |
|---|---|---|---|---|---|
| Temperature: (℃) | 26.8 | Relative Humidity: (%) | 57 | ATM Pressure: (kPa) | 99.5 |

**Test Equipment List and Details:**

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|---|---|---|---|---|---|
| R&S | Spectrum Analyzer | FSV40 | 101474 | 2022/07/15 | 2023/07/14 |
| YINSAIGE | Coaxial Cable | SS402 | SJ0100001 | Each time | N/A |
| Mini-Circuits | DC Block | BLK-18-S+ | 1554403 | Each time | N/A |

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

**Test Data:**

| Scanning Frequency Range | Test Frequency | Measurement Result (Worst Case) | Limit |
|---|---|---|---|
| MHz | MHz | dB | dB |
| 136-174/400-520 | 824, 836, 849, 849, 881.5, 894 | 48 | >38 |

**===== END OF REPORT =====**