



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



# TEST REPORT

**Applicant:** Quanzhou Buxun Electronic Technology Co., Ltd.

**Address:** No.28, Xianguangwu, Xiamei Village, Xiamei Town, Quanzhou, Fujian, China

**FCC ID:** 2AYFMX-TFSI

**Product Name:** Two way radio

**Model Number:** X-TFSI, X-30TFSI, KSW, UV3D, UV8DR, UV98D, UV2D, UV78D, UV88D, DM10UV, UV80D, UV85D, GZ20, P70, RL30, GZ30, M6

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

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

**Report Number:** CR230953150-00A

**Date Of Issue:** 2023/10/30

**Reviewed By:** Julie Tan

*Julie Tan*

**Title:** RF Engineer

**Approved By:** Sun Zhong

*Sun Zhong*

**Title:** Manager

**Test Laboratory:** China Certification ICT Co., Ltd (Dongguan)

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**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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**DOCUMENT REVISION HISTORY**

| Revision Number | Report Number   | Description of Revision | Date of Revision |
|-----------------|-----------------|-------------------------|------------------|
| 1.0             | CR230953150-00A | Original Report         | 2023/10/30       |

## 1. GENERAL INFORMATION

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

|                                                                                                                                                                       |                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>EUT Name:</b>                                                                                                                                                      | Two way radio                                                                                          |
| <b>EUT Model:</b>                                                                                                                                                     | X-TFSI                                                                                                 |
| <b>Multiple Models:</b>                                                                                                                                               | X-30TFSI, KSW, UV3D, UV8DR, UV98D, UV2D, UV78D, UV88D, DM10UV, UV80D, UV85D, GZ20, P70, RL30, GZ30, M6 |
| <b>Highest Operation Frequency:</b>                                                                                                                                   | 479.9875MHz                                                                                            |
| <b>Rated Input Voltage:</b>                                                                                                                                           | DC 7.4V from battery                                                                                   |
| <b>Serial Number:</b>                                                                                                                                                 | 2B4F-3 (For AC line conducted emissions and Radiated emissions test)<br>2B4F-1 (For RF Conducted test) |
| <b>EUT Received Date:</b>                                                                                                                                             | 2023/9/12                                                                                              |
| <b>EUT Received Status:</b>                                                                                                                                           | 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. |                                                                                                        |

### Operation Frequency And Test Channel:

| Operation Modes | Operation Frequency Range (MHz) | Test Frequency (MHz)             |
|-----------------|---------------------------------|----------------------------------|
| VHF Receiving   | 136-174                         | 136.0125MHz, 155MHz, 173.9875MHz |
| UHF Receiving   | 400-480                         | 400.0125MHz, 440MHz, 479.9875MHz |
| Scanning        | 136-174<br>400-480              | /                                |

### Accessory Information:

| Accessory Description | Manufacturer | Model   | Parameters                                          |
|-----------------------|--------------|---------|-----------------------------------------------------|
| Charger               | Unknown      | Unknown | Input: AC 110/220V 50/60Hz<br>Output: DC 8.4V 500mA |

## 1.2 Description of Test Configuration

### 1.2.1 EUT Operation Condition:

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EUT Operation Mode:</b>      | <p>The system was configured for testing in Typical Use Mode, which was provided by the manufacturer.</p> <p>Test Mode:</p> <p>M1: Charging by charger &amp; Scanning(Scanning 136-174MHz/400-480MHz)</p> <p>M2: Charging by USB &amp; Scanning(Scanning 136-174MHz/400-480MHz)</p> <p>M3: Charging(by Worst of M1/M2) &amp; Receiving(136.0125MHz, 155MHz, 173.9875MHz, 400.0125MHz, 440MHz, 479.9875MHz)</p> |
| <b>Equipment Modifications:</b> | No                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>EUT Exercise Software:</b>   | No                                                                                                                                                                                                                                                                                                                                                                                                             |

### 1.2.2 Support Equipment List and Details

| Manufacturer | Description                 | Model          | Serial Number |
|--------------|-----------------------------|----------------|---------------|
| Jian Aohai   | Adapter                     | A8-050200U-US3 | AD220930002   |
| Agilent      | MXG Vector Signal Generator | N5182B         | MY51350142    |
| Buxun        | Earphone                    | Unknown        | 2B4F-10       |

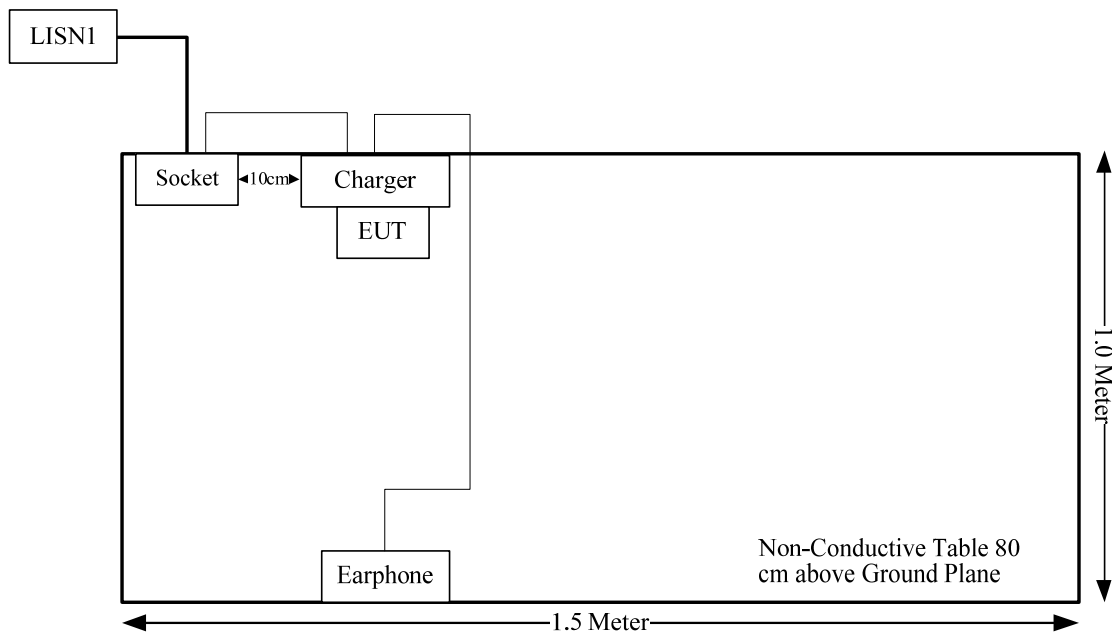
### 1.2.3 Support Cable List and Details

| Cable Description | Shielding Type | Ferrite Core | Length (m) | From Port | To      |
|-------------------|----------------|--------------|------------|-----------|---------|
| Type-C Cable      | No             | No           | 1.0        | Adapter   | EUT     |
| Adapter Cable     | No             | No           | 0.8        | Socket    | Charger |
| Earphone Cable    | No             | No           | 1.0        | Earphone  | EUT     |
| Antenna Cable     | No             | No           | 1.5        | Antenna   | N5182B  |

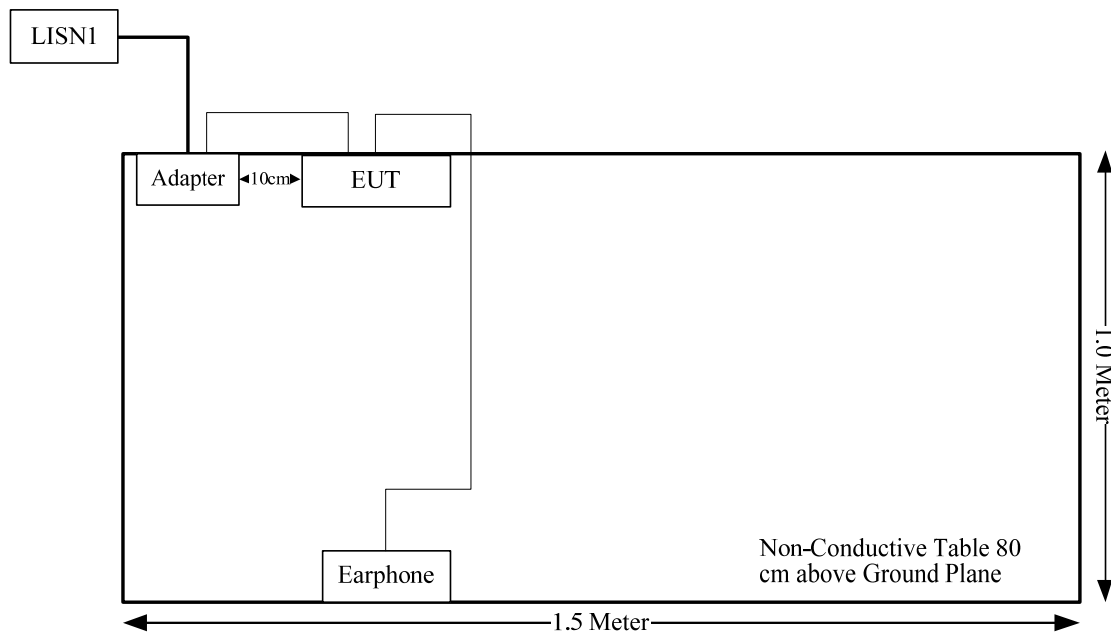
### 1.2.4 Block Diagram of Test Setup

AC line conducted emissions:

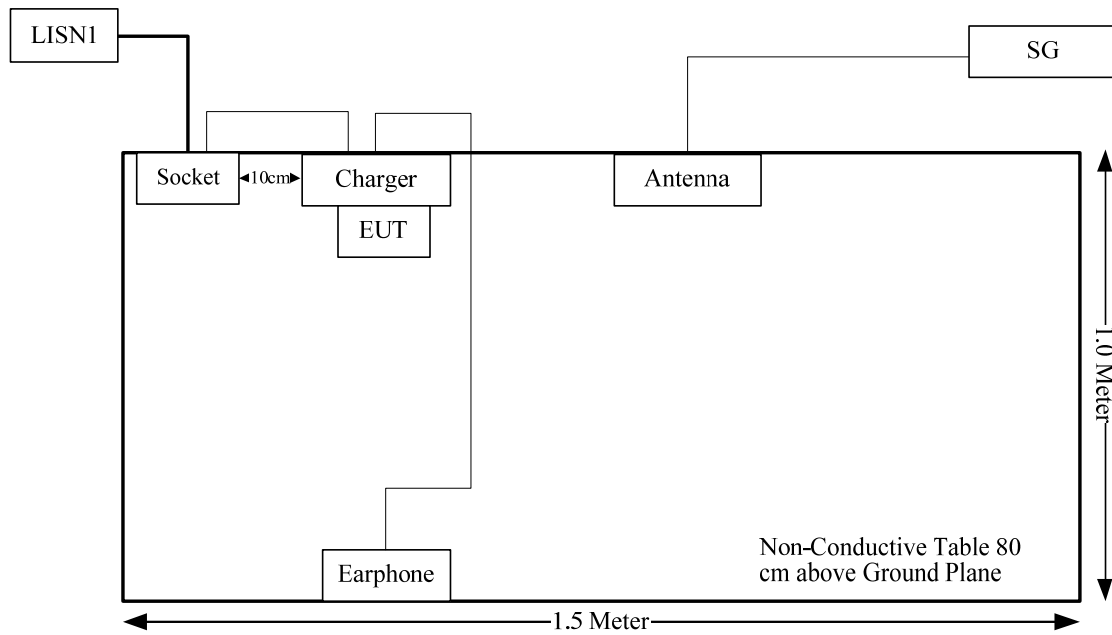
M1:



M2:

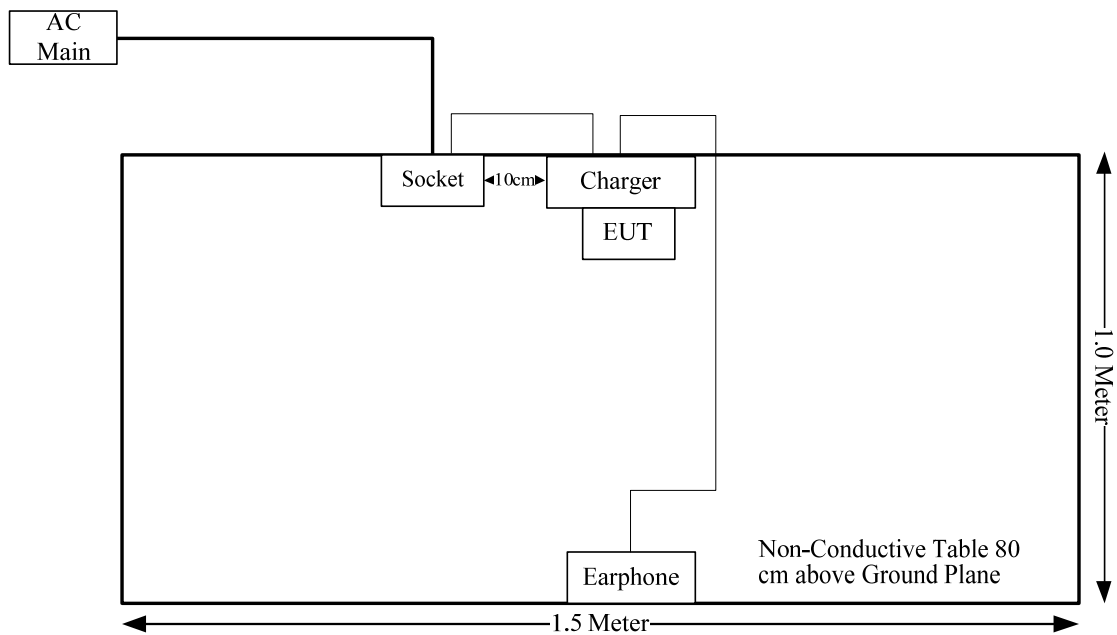


M3:

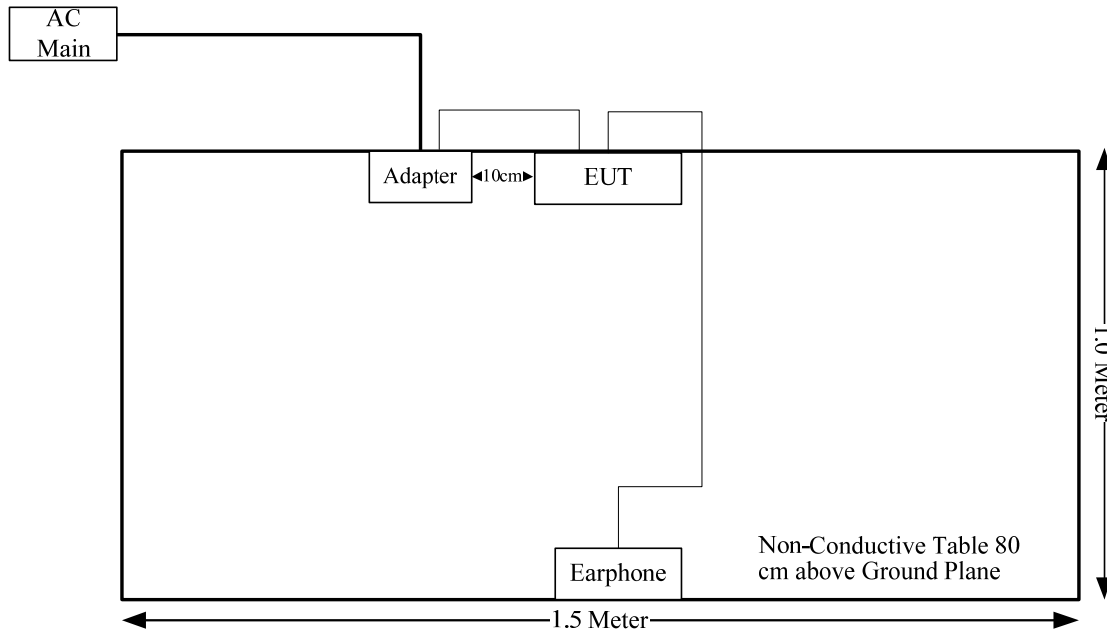


Radiated emissions:

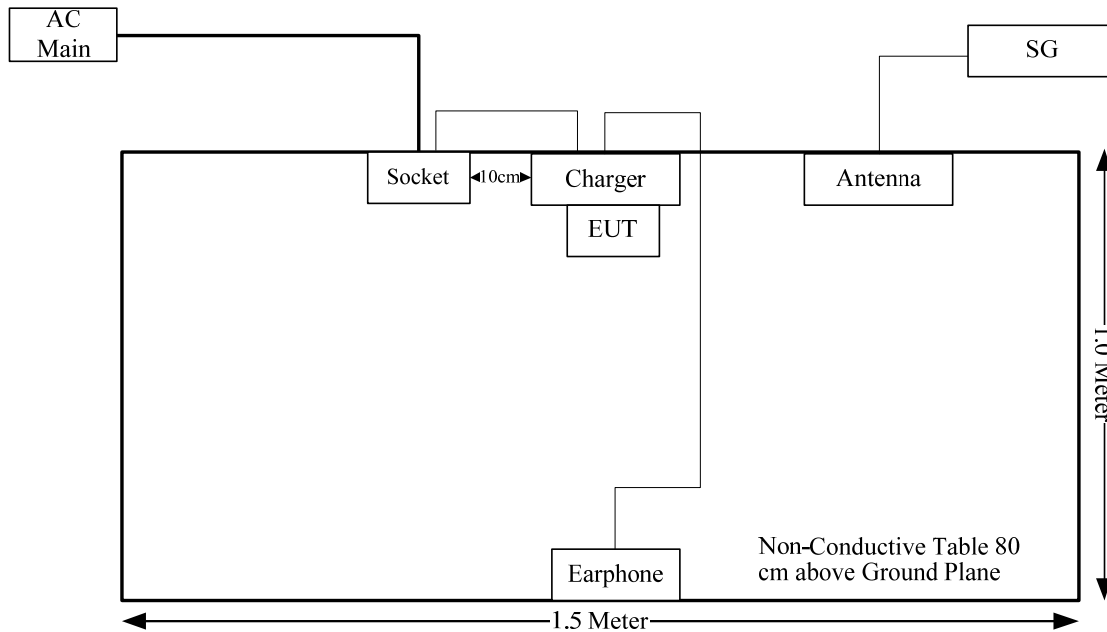
M1:



M2:



M3:



### 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                       | $\pm 1^{\circ}\text{C}$                                                                                              |
| Humidity                          | $\pm 5\%$                                                                                                            |
| AC Power Lines Conducted Emission | 2.8 dB (150 kHz to 30 MHz)                                                                                           |
| Unwanted Emissions, conducted     | $\pm 1.26$ dB                                                                                                        |

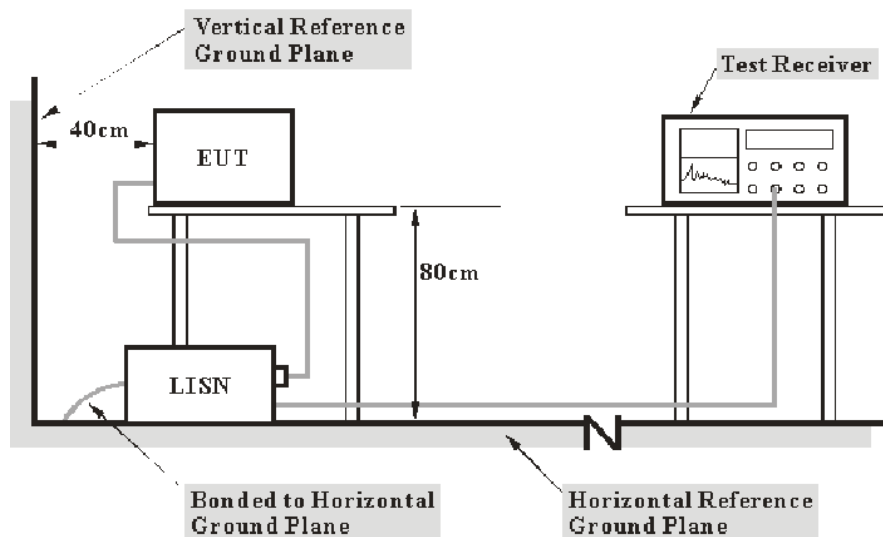
## 2. SUMMARY OF TEST RESULTS

| 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             | Scanning Receivers and Frequency Converters<br>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

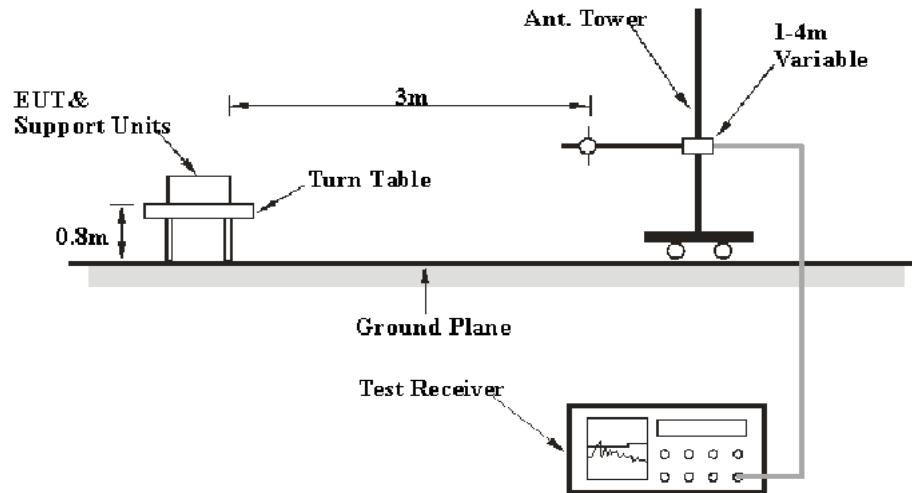
The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

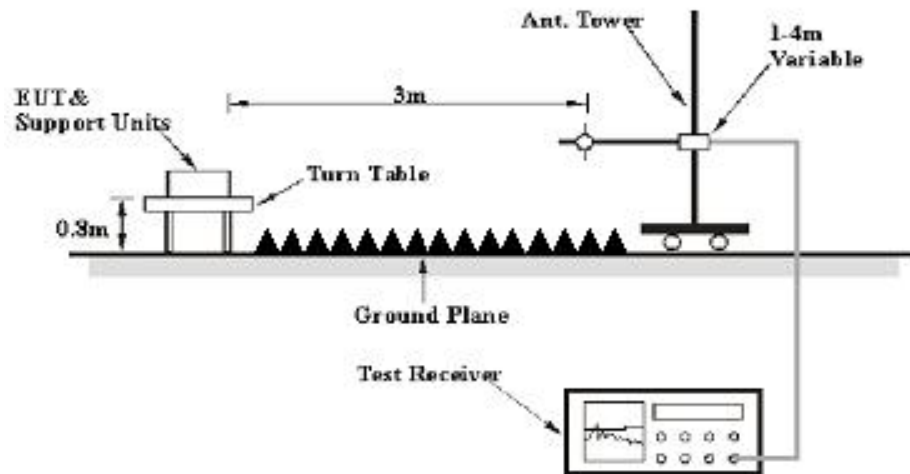
## 3.2 Radiation Spurious Emissions

### 3.2.1 EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emissions 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 EMI Test Receiver Setup

The system was investigated from 30 MHz to 2 GHz.

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

| Frequency Range   | RBW     | Video B/W | IF B/W  | Detector |
|-------------------|---------|-----------|---------|----------|
| 30 MHz – 1000 MHz | 100 kHz | 300 kHz   | 120 kHz | QP       |
| Above 1 GHz       | 1 MHz   | 3 MHz     | /       | Peak     |
|                   | 1 MHz   | 3 MHz     | /       | 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**

#### **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

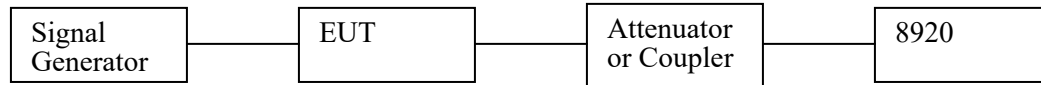
#### Applicable Standard

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: | 2B4F-3      | Test Date:   | 2023/10/12 ~2023/10/26 |
| Test Site:     | CE          | Test Mode:   | M1,M2,M3               |
| Tester:        | David Huang | Test Result: | Pass                   |

#### Environmental Conditions:

|                      |           |                              |       |                        |             |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|
| Temperature:<br>(°C) | 25.8-26.2 | Relative<br>Humidity:<br>(%) | 50-52 | ATM Pressure:<br>(kPa) | 101.3-101.5 |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|

#### Test Equipment List and Details:

| Manufacturer | Description          | Model   | Serial<br>Number | Calibration<br>Date | Calibration<br>Due Date |
|--------------|----------------------|---------|------------------|---------------------|-------------------------|
| R&S          | LISN                 | ENV216  | 101134           | 2023/03/31          | 2024/03/30              |
| R&S          | EMI Test<br>Receiver | ESR3    | 102726           | 2023/03/31          | 2024/03/30              |
| MICRO-COAX   | Coaxial Cable        | UTIFLEX | C-0200-01        | 2023/08/06          | 2024/08/05              |
| 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).

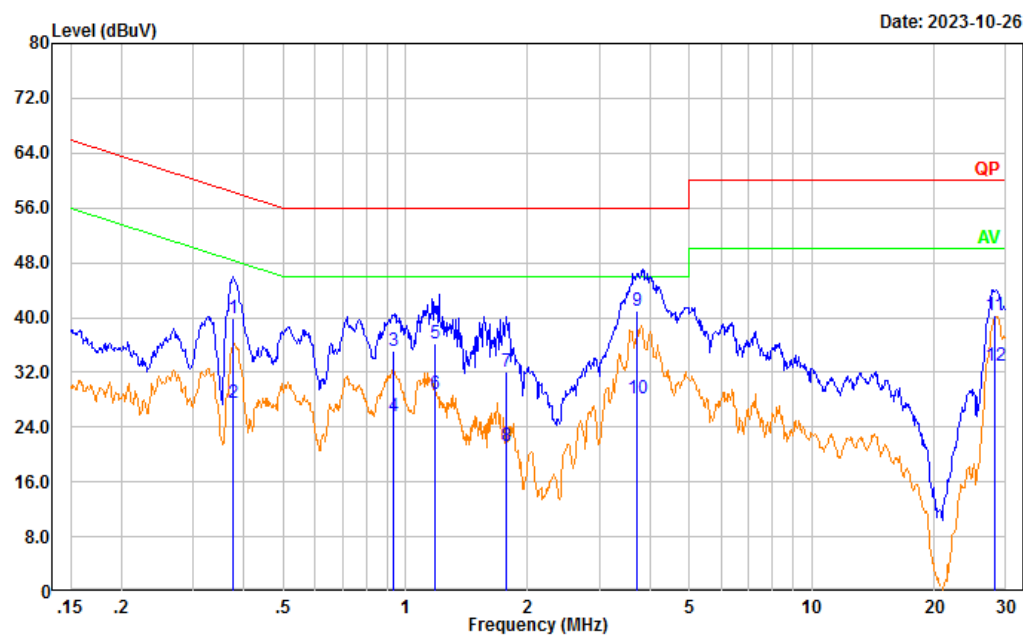
**M1:**  
**136-174MHz:**

Project No.: CR230953150-RF

Tester: David Huang

Port: Line

Note: M1 Charging from charger base & Scanning(136-174)



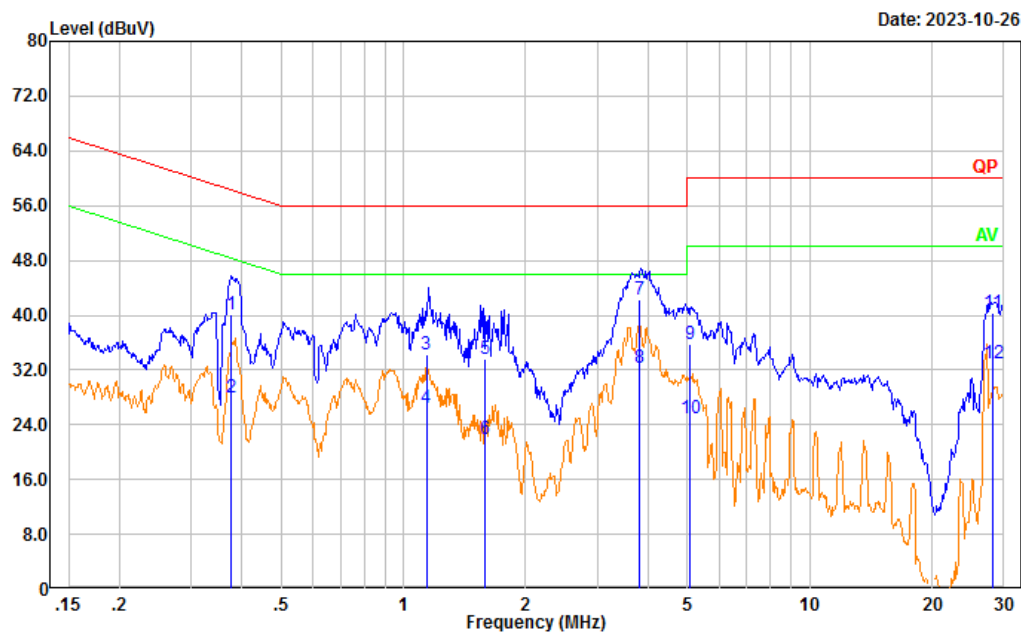
| No.   | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB) | Result<br>(dBμV) | Limit<br>(dBμV) | Margin<br>(dB) | Detector |
|-------|--------------------|-------------------|----------------|------------------|-----------------|----------------|----------|
| <hr/> |                    |                   |                |                  |                 |                |          |
| 1     | 0.376              | 30.28             | 9.61           | 39.89            | 58.36           | 18.47          | QP       |
| 2     | 0.376              | 18.03             | 9.61           | 27.64            | 48.36           | 20.72          | Average  |
| 3     | 0.936              | 25.42             | 9.62           | 35.04            | 56.00           | 20.96          | QP       |
| 4     | 0.936              | 15.92             | 9.62           | 25.54            | 46.00           | 20.46          | Average  |
| 5     | 1.181              | 26.57             | 9.62           | 36.19            | 56.00           | 19.81          | QP       |
| 6     | 1.181              | 19.21             | 9.62           | 28.83            | 46.00           | 17.17          | Average  |
| 7     | 1.764              | 22.53             | 9.63           | 32.16            | 56.00           | 23.84          | QP       |
| 8     | 1.764              | 11.53             | 9.63           | 21.16            | 46.00           | 24.84          | Average  |
| 9     | 3.723              | 31.40             | 9.65           | 41.05            | 56.00           | 14.95          | QP       |
| 10    | 3.723              | 18.53             | 9.65           | 28.18            | 46.00           | 17.82          | Average  |
| 11    | 28.119             | 30.55             | 9.83           | 40.38            | 60.00           | 19.62          | QP       |
| 12    | 28.119             | 23.05             | 9.83           | 32.88            | 50.00           | 17.12          | Average  |

Project No.: CR230953150-RF

Tester: David Huang

Port: neutral

Note: M1 Charging from charger base &amp; Scanning(136-174)



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.377           | 30.52          | 9.61        | 40.13         | 58.35        | 18.22       | QP       |
| 2   | 0.377           | 18.28          | 9.61        | 27.89         | 48.35        | 20.46       | Average  |
| 3   | 1.138           | 24.60          | 9.62        | 34.22         | 56.00        | 21.78       | QP       |
| 4   | 1.138           | 16.78          | 9.62        | 26.40         | 46.00        | 19.60       | Average  |
| 5   | 1.585           | 23.95          | 9.63        | 33.58         | 56.00        | 22.42       | QP       |
| 6   | 1.585           | 12.35          | 9.63        | 21.98         | 46.00        | 24.02       | Average  |
| 7   | 3.819           | 32.71          | 9.65        | 42.36         | 56.00        | 13.64       | QP       |
| 8   | 3.819           | 22.56          | 9.65        | 32.21         | 46.00        | 13.79       | Average  |
| 9   | 5.083           | 26.04          | 9.66        | 35.70         | 60.00        | 24.30       | QP       |
| 10  | 5.083           | 15.31          | 9.66        | 24.97         | 50.00        | 25.03       | Average  |
| 11  | 28.093          | 30.53          | 9.81        | 40.34         | 60.00        | 19.66       | QP       |
| 12  | 28.093          | 23.12          | 9.81        | 32.93         | 50.00        | 17.07       | Average  |

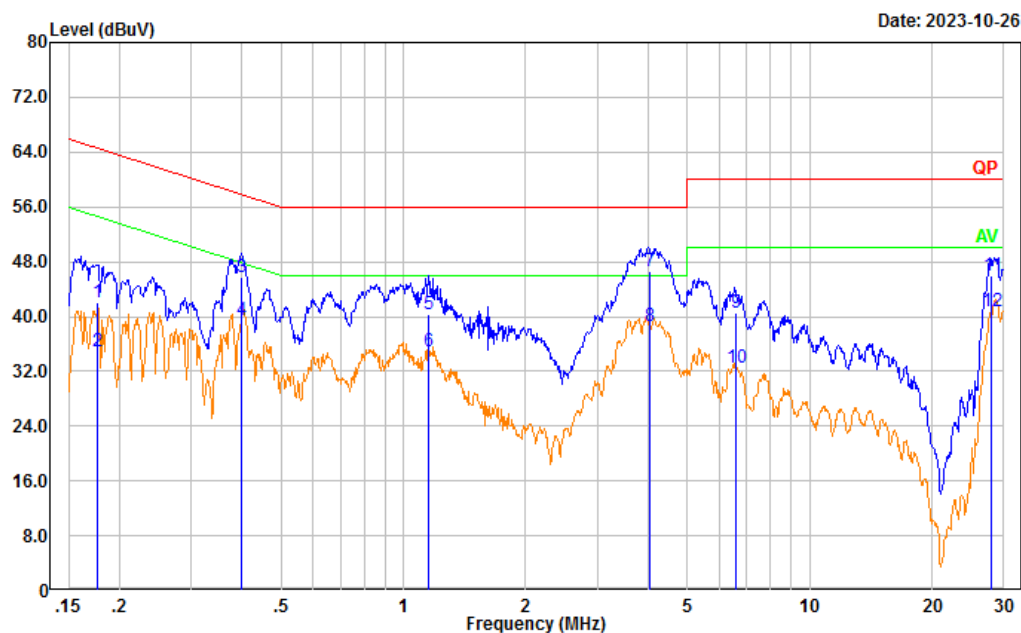
**400-480MHz:**

Project No.: CR230953150-RF

Tester: David Huang

Port: neutral

Note: M1 Charging from charger base &amp; Scanning(400-480)



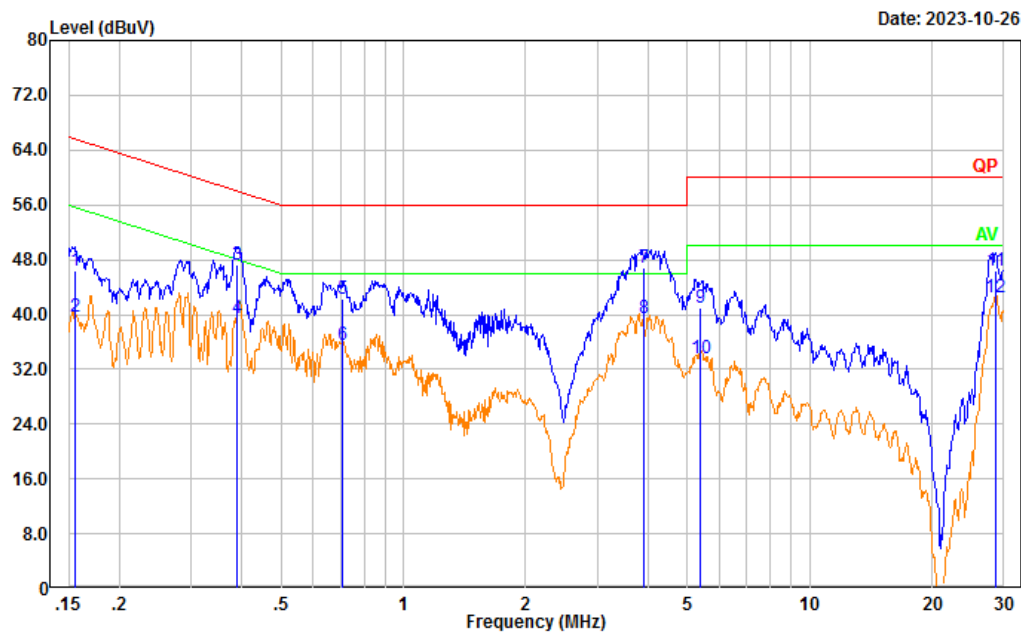
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.177           | 32.44          | 9.61        | 42.05         | 64.63        | 22.58       | QP       |
| 2   | 0.177           | 25.33          | 9.61        | 34.94         | 54.63        | 19.69       | Average  |
| 3   | 0.400           | 36.21          | 9.61        | 45.82         | 57.86        | 12.04       | QP       |
| 4   | 0.400           | 29.84          | 9.61        | 39.45         | 47.86        | 8.41        | Average  |
| 5   | 1.155           | 30.73          | 9.62        | 40.35         | 56.00        | 15.65       | QP       |
| 6   | 1.155           | 25.35          | 9.62        | 34.97         | 46.00        | 11.03       | Average  |
| 7   | 4.040           | 36.89          | 9.65        | 46.54         | 56.00        | 9.46        | QP       |
| 8   | 4.040           | 28.96          | 9.65        | 38.61         | 46.00        | 7.39        | Average  |
| 9   | 6.556           | 30.87          | 9.66        | 40.53         | 60.00        | 19.47       | QP       |
| 10  | 6.556           | 22.95          | 9.66        | 32.61         | 50.00        | 17.39       | Average  |
| 11  | 28.069          | 36.11          | 9.81        | 45.92         | 60.00        | 14.08       | QP       |
| 12  | 28.069          | 30.97          | 9.81        | 40.78         | 50.00        | 9.22        | Average  |

Project No.: CR230953150-RF

Tester: David Huang

Port: Line

Note: M1 Charging from charger base &amp; Scanning(400-480)



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.156           | 36.88          | 9.61        | 46.49         | 65.68        | 19.19       | QP       |
| 2   | 0.156           | 30.01          | 9.61        | 39.62         | 55.68        | 16.06       | Average  |
| 3   | 0.389           | 37.72          | 9.61        | 47.33         | 58.09        | 10.76       | QP       |
| 4   | 0.389           | 29.85          | 9.61        | 39.46         | 48.09        | 8.63        | Average  |
| 5   | 0.710           | 32.72          | 9.62        | 42.34         | 56.00        | 13.66       | QP       |
| 6   | 0.710           | 25.90          | 9.62        | 35.52         | 46.00        | 10.48       | Average  |
| 7   | 3.894           | 37.22          | 9.65        | 46.87         | 56.00        | 9.13        | QP       |
| 8   | 3.894           | 29.73          | 9.65        | 39.38         | 46.00        | 6.62        | Average  |
| 9   | 5.368           | 31.22          | 9.66        | 40.88         | 60.00        | 19.12       | QP       |
| 10  | 5.368           | 24.03          | 9.66        | 33.69         | 50.00        | 16.31       | Average  |
| 11  | 28.567          | 36.48          | 9.82        | 46.30         | 60.00        | 13.70       | QP       |
| 12  | 28.567          | 32.65          | 9.82        | 42.47         | 50.00        | 7.53        | Average  |

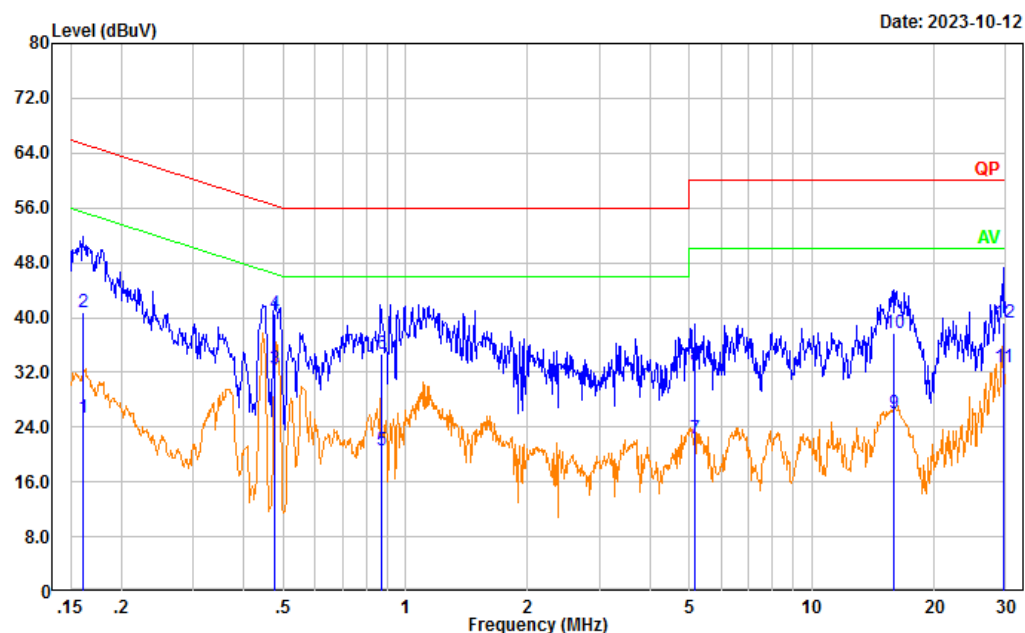
**M2:  
136-174MHz:**

Project No.: CR230953150-RF

Tester: David Huang

Port: Line

Note: M2 Charging from USB &amp; Scanning(136-174)



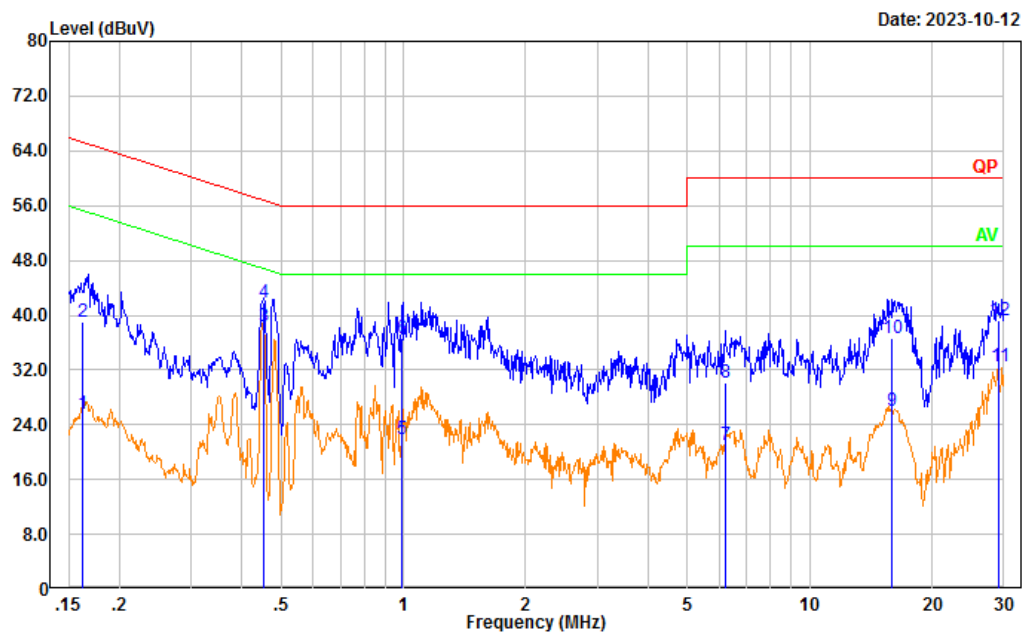
| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB) | Result (dBμV) | Limit (dBμV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.161           | 15.81          | 9.61        | 25.42         | 55.44        | 30.02       | Average  |
| 2   | 0.161           | 31.06          | 9.61        | 40.67         | 65.44        | 24.77       | QP       |
| 3   | 0.477           | 22.81          | 9.61        | 32.42         | 46.39        | 13.97       | Average  |
| 4   | 0.477           | 30.92          | 9.61        | 40.53         | 56.39        | 15.86       | QP       |
| 5   | 0.873           | 11.02          | 9.62        | 20.64         | 46.00        | 25.36       | Average  |
| 6   | 0.873           | 24.98          | 9.62        | 34.60         | 56.00        | 21.40       | QP       |
| 7   | 5.134           | 12.58          | 9.66        | 22.24         | 50.00        | 27.76       | Average  |
| 8   | 5.134           | 23.27          | 9.66        | 32.93         | 60.00        | 27.07       | QP       |
| 9   | 15.955          | 16.21          | 9.71        | 25.92         | 50.00        | 24.08       | Average  |
| 10  | 15.955          | 27.92          | 9.71        | 37.63         | 60.00        | 22.37       | QP       |
| 11  | 29.621          | 22.86          | 9.82        | 32.68         | 50.00        | 17.32       | Average  |
| 12  | 29.621          | 29.34          | 9.82        | 39.16         | 60.00        | 20.84       | QP       |

Project No.: CR230953150-RF

Tester: David Huang

Port: neutral

Note: M2 Charging from USB &amp; Scanning(136-174)



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.163           | 15.96          | 9.61        | 25.57         | 55.32        | 29.75       | Average  |
| 2   | 0.163           | 29.41          | 9.61        | 39.02         | 65.32        | 26.30       | QP       |
| 3   | 0.455           | 28.67          | 9.61        | 38.28         | 46.79        | 8.51        | Average  |
| 4   | 0.455           | 32.23          | 9.61        | 41.84         | 56.79        | 14.95       | QP       |
| 5   | 0.995           | 12.26          | 9.62        | 21.88         | 46.00        | 24.12       | Average  |
| 6   | 0.995           | 26.94          | 9.62        | 36.56         | 56.00        | 19.44       | QP       |
| 7   | 6.185           | 11.38          | 9.66        | 21.04         | 50.00        | 28.96       | Average  |
| 8   | 6.185           | 20.46          | 9.66        | 30.12         | 60.00        | 29.88       | QP       |
| 9   | 15.855          | 16.35          | 9.69        | 26.04         | 50.00        | 23.96       | Average  |
| 10  | 15.855          | 27.03          | 9.69        | 36.72         | 60.00        | 23.28       | QP       |
| 11  | 29.275          | 22.73          | 9.81        | 32.54         | 50.00        | 17.46       | Average  |
| 12  | 29.275          | 29.40          | 9.81        | 39.21         | 60.00        | 20.79       | QP       |

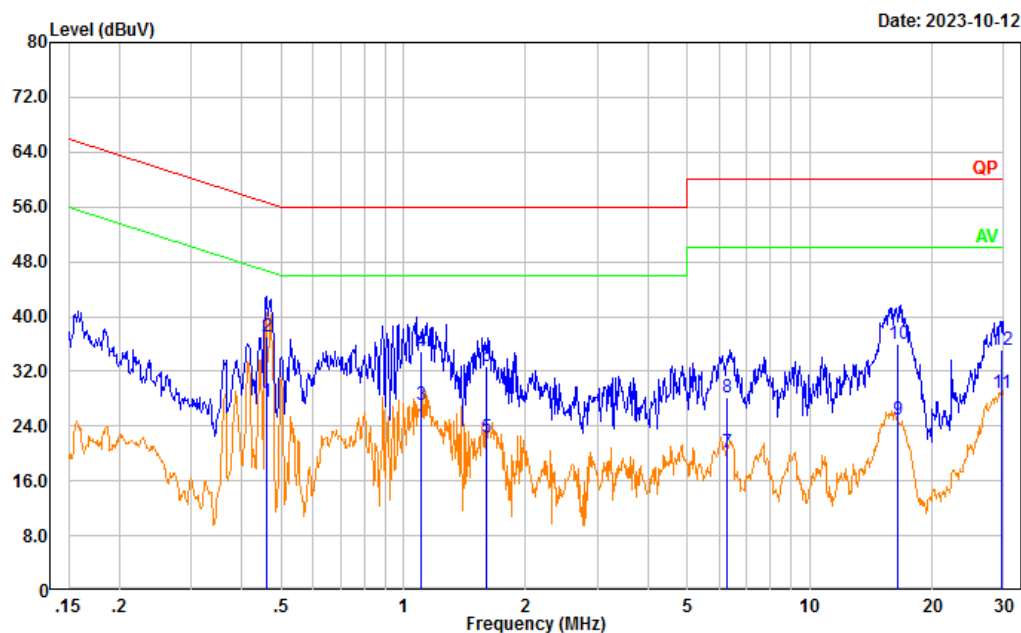
**400-480MHz:**

Project No.: CR230953150-RF

Tester: David Huang

Port: Line

Note: M2 Charging from USB &amp; Scanning(400-480)



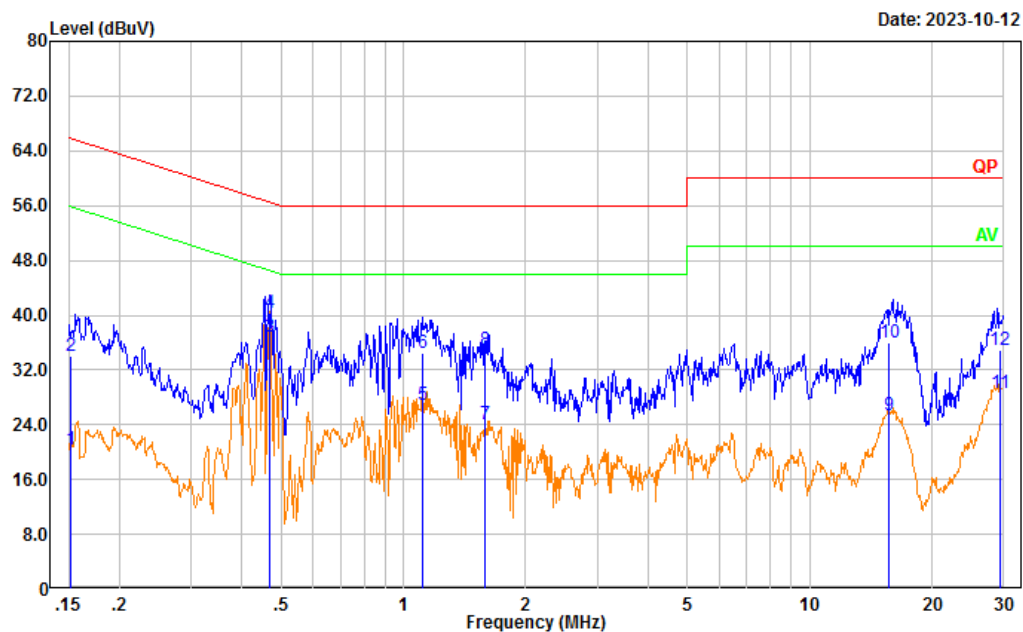
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.461           | 18.03          | 9.61        | 27.64         | 46.68        | 19.04       | Average  |
| 2   | 0.461           | 27.57          | 9.61        | 37.18         | 56.68        | 19.50       | QP       |
| 3   | 1.104           | 17.38          | 9.62        | 27.00         | 46.00        | 19.00       | Average  |
| 4   | 1.104           | 25.34          | 9.62        | 34.96         | 56.00        | 21.04       | QP       |
| 5   | 1.603           | 12.67          | 9.63        | 22.30         | 46.00        | 23.70       | Average  |
| 6   | 1.603           | 23.10          | 9.63        | 32.73         | 56.00        | 23.27       | QP       |
| 7   | 6.270           | 10.46          | 9.66        | 20.12         | 50.00        | 29.88       | Average  |
| 8   | 6.270           | 18.50          | 9.66        | 28.16         | 60.00        | 31.84       | QP       |
| 9   | 16.463          | 15.23          | 9.72        | 24.95         | 50.00        | 25.05       | Average  |
| 10  | 16.463          | 26.31          | 9.72        | 36.03         | 60.00        | 23.97       | QP       |
| 11  | 29.655          | 18.95          | 9.82        | 28.77         | 50.00        | 21.23       | Average  |
| 12  | 29.655          | 25.28          | 9.82        | 35.10         | 60.00        | 24.90       | QP       |

Project No.: CR230953150-RF

Tester: David Huang

Port: neutral

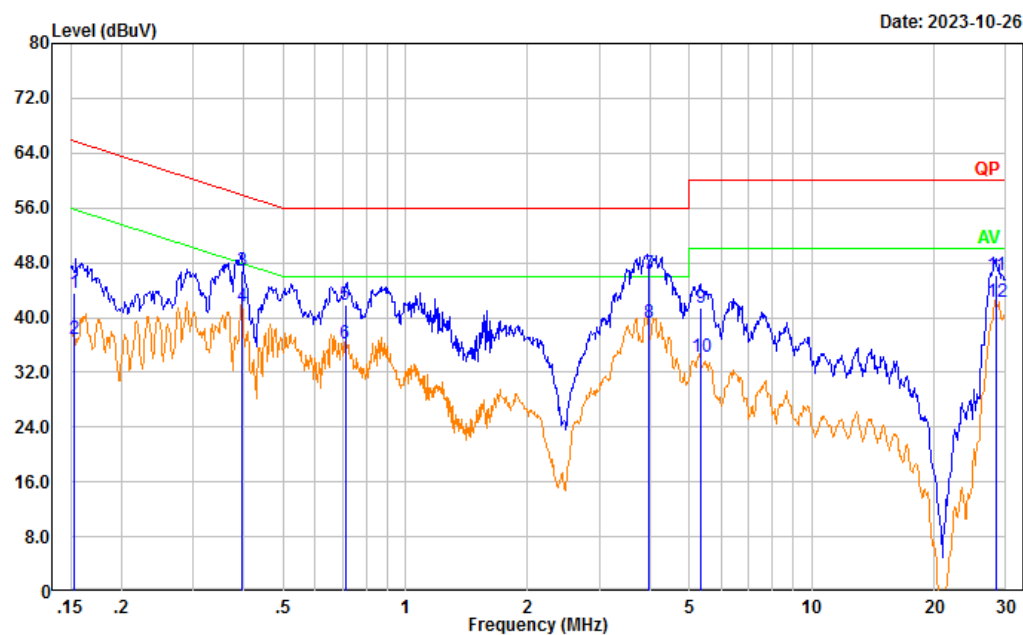
Note: M2 Charging from USB &amp; Scanning(400-480)



| No. | Frequency<br>(MHz) | Reading<br>(dBUV) | Factor<br>(dB) | Result<br>(dBUV) | Limit<br>(dBUV) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|----------------|------------------|-----------------|----------------|----------|
| 1   | 0.152              | 10.67             | 9.61           | 20.28            | 55.90           | 35.62          | Average  |
| 2   | 0.152              | 24.36             | 9.61           | 33.97            | 65.90           | 31.93          | QP       |
| 3   | 0.468              | 27.33             | 9.61           | 36.94            | 46.55           | 9.61           | Average  |
| 4   | 0.468              | 30.70             | 9.61           | 40.31            | 56.55           | 16.24          | QP       |
| 5   | 1.115              | 17.21             | 9.62           | 26.83            | 46.00           | 19.17          | Average  |
| 6   | 1.115              | 24.94             | 9.62           | 34.56            | 56.00           | 21.44          | QP       |
| 7   | 1.589              | 14.42             | 9.63           | 24.05            | 46.00           | 21.95          | Average  |
| 8   | 1.589              | 25.18             | 9.63           | 34.81            | 56.00           | 21.19          | QP       |
| 9   | 15.631             | 15.72             | 9.69           | 25.41            | 50.00           | 24.59          | Average  |
| 10  | 15.631             | 26.25             | 9.69           | 35.94            | 60.00           | 24.06          | QP       |
| 11  | 29.279             | 18.85             | 9.81           | 28.66            | 50.00           | 21.34          | Average  |
| 12  | 29.279             | 25.09             | 9.81           | 34.90            | 60.00           | 25.10          | QP       |

**M3:**  
**136.0125MHz:**

Project No.: CR230953150-RF  
 Tester: David Huang  
 Port: Line  
 Note: M3 Charging&Receiving(136.0125)

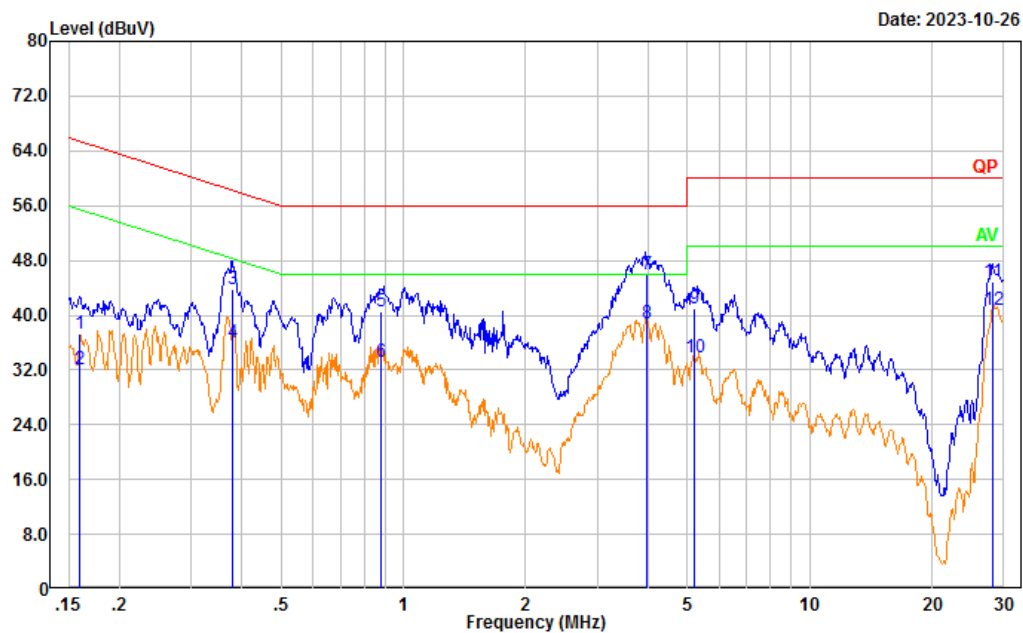


Project No.: CR230953150-RF

Tester: David Huang

Port: neutral

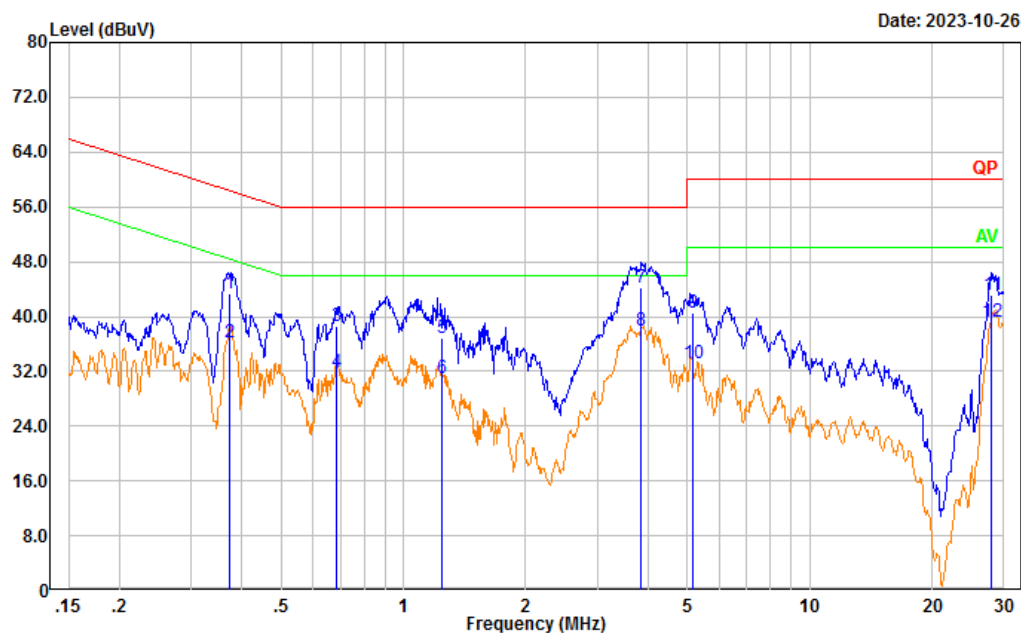
Note: M3 Charging&amp;Receiving(136.0125)



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.160           | 27.73          | 9.61        | 37.34         | 65.45        | 28.11       | QP       |
| 2   | 0.160           | 22.57          | 9.61        | 32.18         | 55.45        | 23.27       | Average  |
| 3   | 0.379           | 34.17          | 9.61        | 43.78         | 58.30        | 14.52       | QP       |
| 4   | 0.379           | 26.48          | 9.61        | 36.09         | 48.30        | 12.21       | Average  |
| 5   | 0.881           | 30.98          | 9.62        | 40.60         | 56.00        | 15.40       | QP       |
| 6   | 0.881           | 23.53          | 9.62        | 33.15         | 46.00        | 12.85       | Average  |
| 7   | 3.984           | 36.22          | 9.65        | 45.87         | 56.00        | 10.13       | QP       |
| 8   | 3.984           | 29.26          | 9.65        | 38.91         | 46.00        | 7.09        | Average  |
| 9   | 5.185           | 31.22          | 9.66        | 40.88         | 60.00        | 19.12       | QP       |
| 10  | 5.185           | 24.11          | 9.66        | 33.77         | 50.00        | 16.23       | Average  |
| 11  | 28.224          | 34.98          | 9.81        | 44.79         | 60.00        | 15.21       | QP       |
| 12  | 28.224          | 31.04          | 9.81        | 40.85         | 50.00        | 9.15        | Average  |

**155MHz:**

Project No.: CR230953150-RF  
 Tester: David Huang  
 Port: Line  
 Note: M3 Charging&Receiving(155)



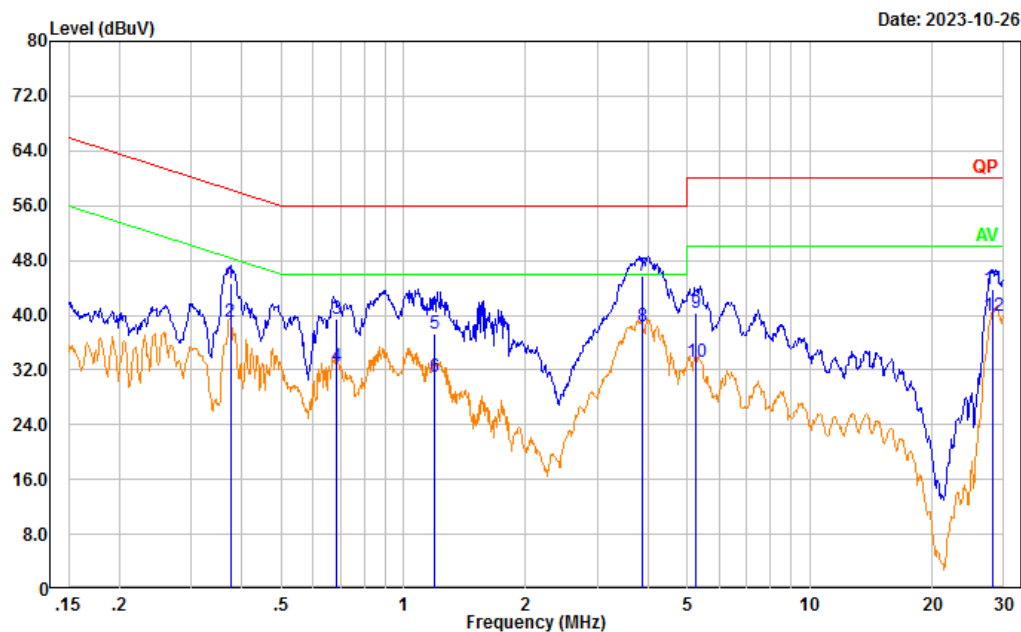
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.372           | 33.79          | 9.61        | 43.40         | 58.46        | 15.06       | QP       |
| 2   | 0.372           | 26.58          | 9.61        | 36.19         | 48.46        | 12.27       | Average  |
| 3   | 0.682           | 28.97          | 9.62        | 38.59         | 56.00        | 17.41       | QP       |
| 4   | 0.682           | 22.23          | 9.62        | 31.85         | 46.00        | 14.15       | Average  |
| 5   | 1.239           | 27.27          | 9.62        | 36.89         | 56.00        | 19.11       | QP       |
| 6   | 1.239           | 21.28          | 9.62        | 30.90         | 46.00        | 15.10       | Average  |
| 7   | 3.830           | 34.63          | 9.65        | 44.28         | 56.00        | 11.72       | QP       |
| 8   | 3.830           | 28.33          | 9.65        | 37.98         | 46.00        | 8.02        | Average  |
| 9   | 5.153           | 30.91          | 9.66        | 40.57         | 60.00        | 19.43       | QP       |
| 10  | 5.153           | 23.58          | 9.66        | 33.24         | 50.00        | 16.76       | Average  |
| 11  | 28.037          | 33.40          | 9.83        | 43.23         | 60.00        | 16.77       | QP       |
| 12  | 28.037          | 29.35          | 9.83        | 39.18         | 50.00        | 10.82       | Average  |

Project No.: CR230953150-RF

Tester: David Huang

Port: neutral

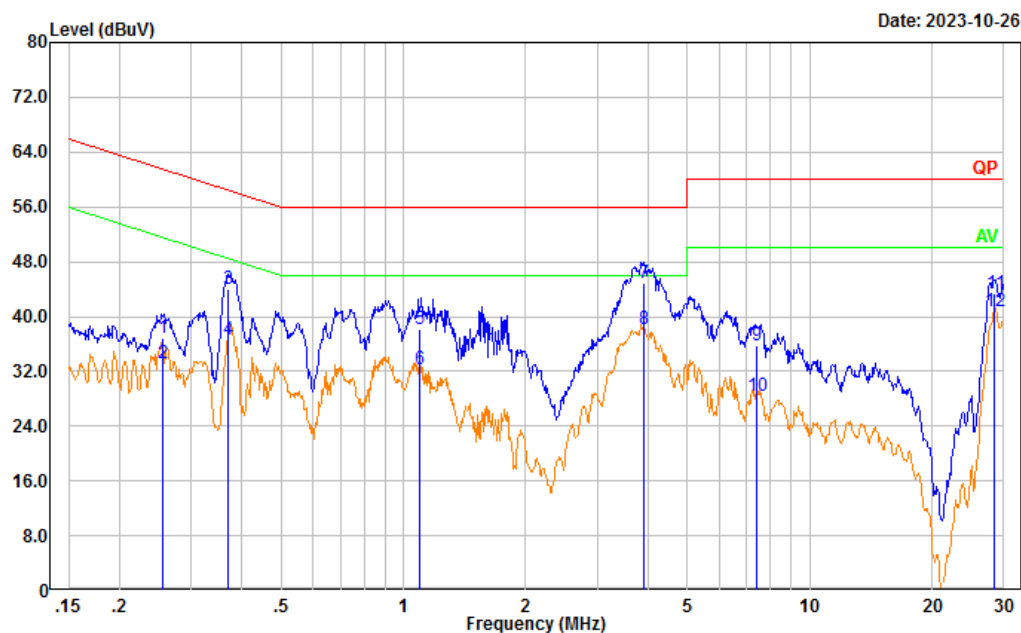
Note: M3 Charging&amp;Receiving(155)



| No.   | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB) | Result<br>(dBμV) | Limit<br>(dBμV) | Margin<br>(dB) | Detector |
|-------|--------------------|-------------------|----------------|------------------|-----------------|----------------|----------|
| <hr/> |                    |                   |                |                  |                 |                |          |
| 1     | 0.375              | 34.99             | 9.61           | 44.60            | 58.39           | 13.79          | QP       |
| 2     | 0.375              | 29.32             | 9.61           | 38.93            | 48.39           | 9.46           | Average  |
| 3     | 0.683              | 29.76             | 9.62           | 39.38            | 56.00           | 16.62          | QP       |
| 4     | 0.683              | 22.92             | 9.62           | 32.54            | 46.00           | 13.46          | Average  |
| 5     | 1.192              | 27.69             | 9.62           | 37.31            | 56.00           | 18.69          | QP       |
| 6     | 1.192              | 21.35             | 9.62           | 30.97            | 46.00           | 15.03          | Average  |
| 7     | 3.863              | 36.13             | 9.65           | 45.78            | 56.00           | 10.22          | QP       |
| 8     | 3.863              | 28.79             | 9.65           | 38.44            | 46.00           | 7.56           | Average  |
| 9     | 5.259              | 30.71             | 9.66           | 40.37            | 60.00           | 19.63          | QP       |
| 10    | 5.259              | 23.50             | 9.66           | 33.16            | 50.00           | 16.84          | Average  |
| 11    | 28.146             | 33.94             | 9.81           | 43.75            | 60.00           | 16.25          | QP       |
| 12    | 28.146             | 30.03             | 9.81           | 39.84            | 50.00           | 10.16          | Average  |

**173.9875MHz:**

Project No.: CR230953150-RF  
 Tester: David Huang  
 Port: Line  
 Note: M3 Charging&Receiving(173.9875)



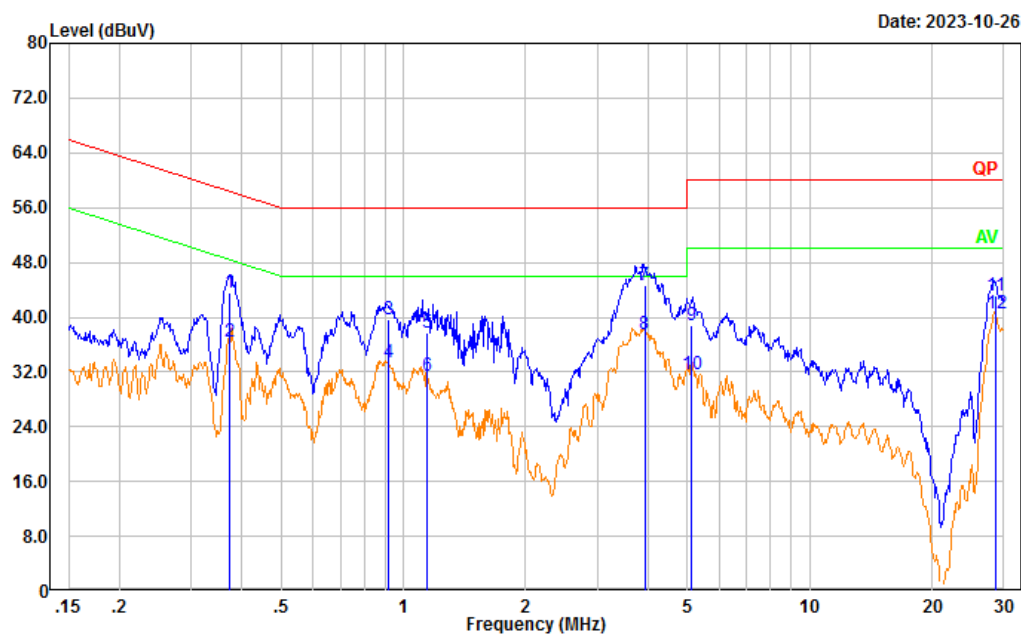
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.255           | 27.24          | 9.61        | 36.85         | 61.59        | 24.74       | QP       |
| 2   | 0.255           | 23.50          | 9.61        | 33.11         | 51.59        | 18.48       | Average  |
| 3   | 0.370           | 34.43          | 9.61        | 44.04         | 58.50        | 14.46       | QP       |
| 4   | 0.370           | 27.13          | 9.61        | 36.74         | 48.50        | 11.76       | Average  |
| 5   | 1.097           | 28.62          | 9.62        | 38.24         | 56.00        | 17.76       | QP       |
| 6   | 1.097           | 22.72          | 9.62        | 32.34         | 46.00        | 13.66       | Average  |
| 7   | 3.892           | 35.25          | 9.65        | 44.90         | 56.00        | 11.10       | QP       |
| 8   | 3.892           | 28.47          | 9.65        | 38.12         | 46.00        | 7.88        | Average  |
| 9   | 7.406           | 26.00          | 9.66        | 35.66         | 60.00        | 24.34       | QP       |
| 10  | 7.406           | 18.81          | 9.66        | 28.47         | 50.00        | 21.53       | Average  |
| 11  | 28.537          | 33.62          | 9.82        | 43.44         | 60.00        | 16.56       | QP       |
| 12  | 28.537          | 30.85          | 9.82        | 40.67         | 50.00        | 9.33        | Average  |

Project No.: CR230953150-RF

Tester: David Huang

Port: neutral

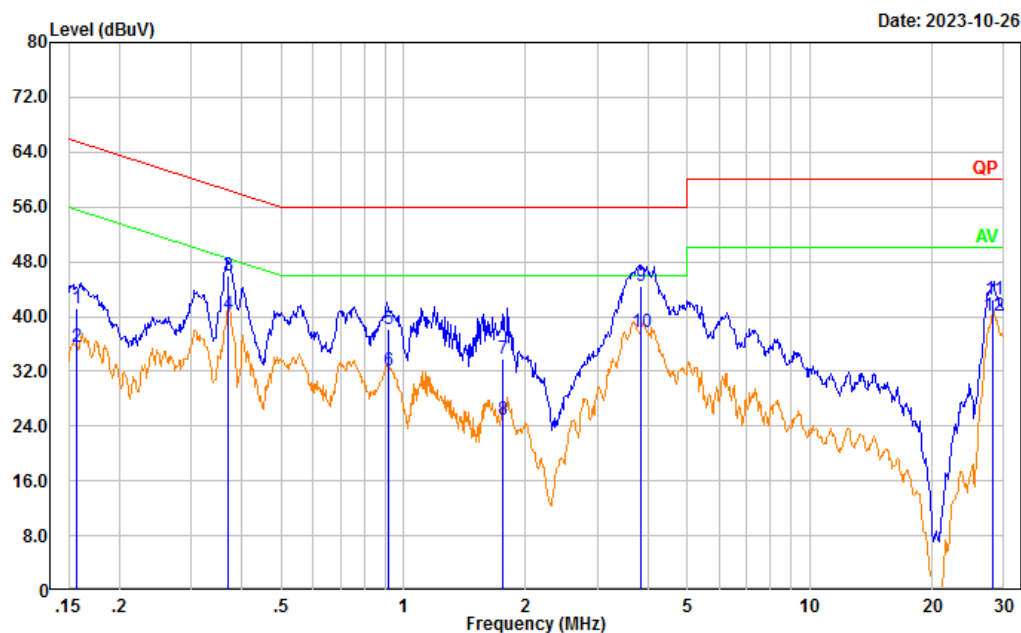
Note: M3 Charging&amp;Receiving(173.9875)



| No.   | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB) | Result<br>(dBμV) | Limit<br>(dBμV) | Margin<br>(dB) | Detector |
|-------|--------------------|-------------------|----------------|------------------|-----------------|----------------|----------|
| <hr/> |                    |                   |                |                  |                 |                |          |
| 1     | 0.375              | 33.88             | 9.61           | 43.49            | 58.40           | 14.91          | QP       |
| 2     | 0.375              | 26.82             | 9.61           | 36.43            | 48.40           | 11.97          | Average  |
| 3     | 0.915              | 30.12             | 9.62           | 39.74            | 56.00           | 16.26          | QP       |
| 4     | 0.915              | 23.83             | 9.62           | 33.45            | 46.00           | 12.55          | Average  |
| 5     | 1.144              | 28.03             | 9.62           | 37.65            | 56.00           | 18.35          | QP       |
| 6     | 1.144              | 21.82             | 9.62           | 31.44            | 46.00           | 14.56          | Average  |
| 7     | 3.921              | 35.09             | 9.65           | 44.74            | 56.00           | 11.26          | QP       |
| 8     | 3.921              | 27.94             | 9.65           | 37.59            | 46.00           | 8.41           | Average  |
| 9     | 5.131              | 29.07             | 9.66           | 38.73            | 60.00           | 21.27          | QP       |
| 10    | 5.131              | 21.93             | 9.66           | 31.59            | 50.00           | 18.41          | Average  |
| 11    | 28.577             | 33.38             | 9.81           | 43.19            | 60.00           | 16.81          | QP       |
| 12    | 28.577             | 30.71             | 9.81           | 40.52            | 50.00           | 9.48           | Average  |

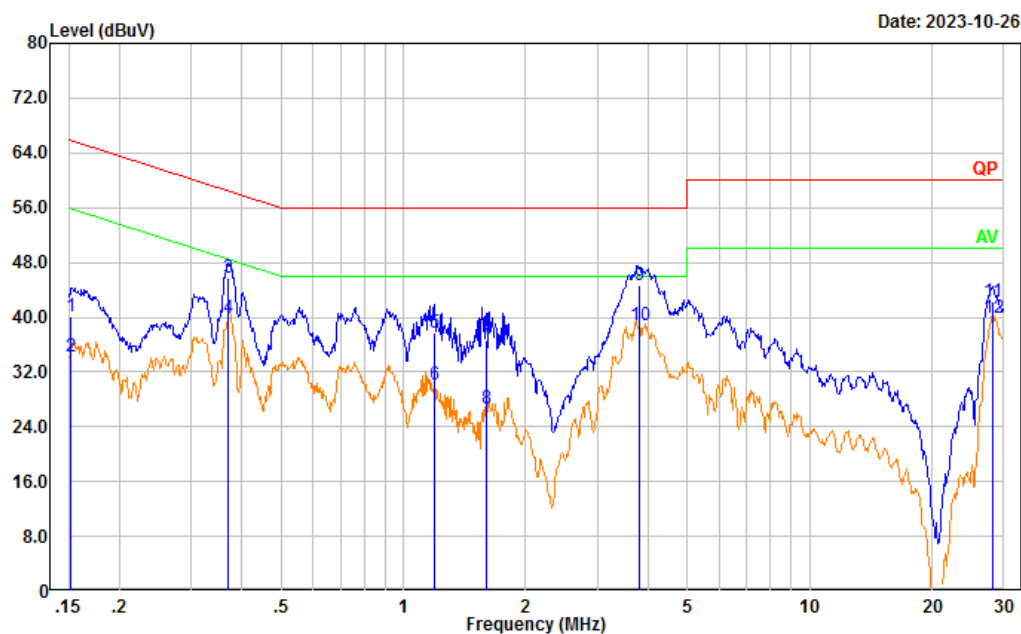
**400.0125MHz:**

Project No.: CR230953150-RF  
 Tester: David Huang  
 Port: neutral  
 Note: M3 Charging&Receiving(400.0125)



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.157           | 31.56          | 9.61        | 41.17         | 65.63        | 24.46       | QP       |
| 2   | 0.157           | 26.02          | 9.61        | 35.63         | 55.63        | 20.00       | Average  |
| 3   | 0.372           | 36.37          | 9.61        | 45.98         | 58.47        | 12.49       | QP       |
| 4   | 0.372           | 30.82          | 9.61        | 40.43         | 48.47        | 8.04        | Average  |
| 5   | 0.916           | 28.62          | 9.62        | 38.24         | 56.00        | 17.76       | QP       |
| 6   | 0.916           | 22.53          | 9.62        | 32.15         | 46.00        | 13.85       | Average  |
| 7   | 1.754           | 24.15          | 9.63        | 33.78         | 56.00        | 22.22       | QP       |
| 8   | 1.754           | 15.40          | 9.63        | 25.03         | 46.00        | 20.97       | Average  |
| 9   | 3.830           | 34.89          | 9.65        | 44.54         | 56.00        | 11.46       | QP       |
| 10  | 3.830           | 27.98          | 9.65        | 37.63         | 46.00        | 8.37        | Average  |
| 11  | 28.234          | 32.64          | 9.81        | 42.45         | 60.00        | 17.55       | QP       |
| 12  | 28.234          | 30.36          | 9.81        | 40.17         | 50.00        | 9.83        | Average  |

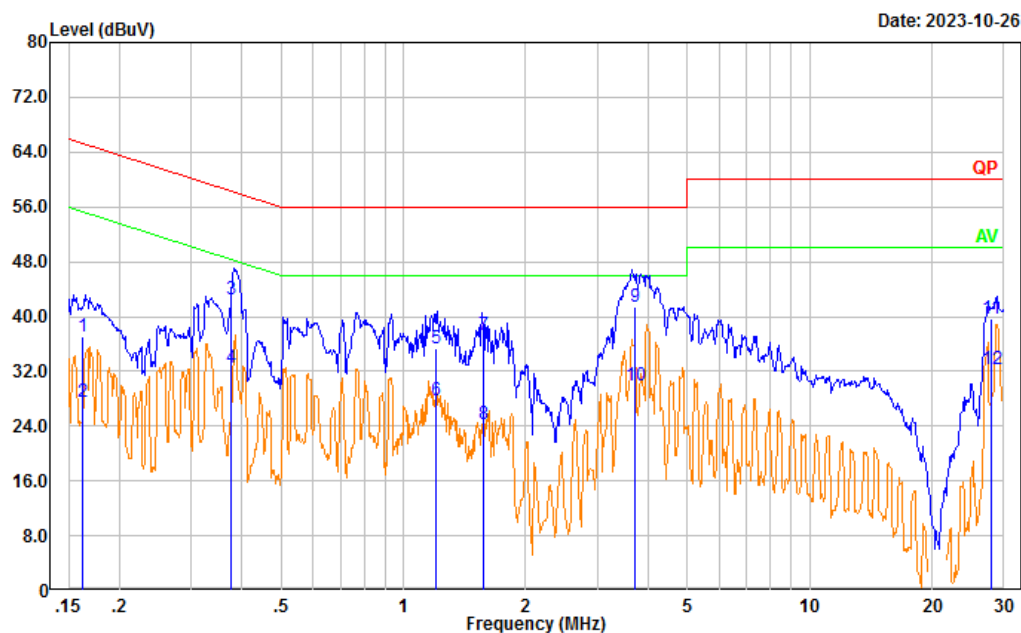
Project No.: CR230953150-RF  
 Tester: David Huang  
 Port: Line  
 Note: M3 Charging&Receiving(400.0125)



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.152           | 30.47          | 9.61        | 40.08         | 65.90        | 25.82       | QP       |
| 2   | 0.152           | 24.58          | 9.61        | 34.19         | 55.90        | 21.71       | Average  |
| 3   | 0.371           | 36.04          | 9.61        | 45.65         | 58.47        | 12.82       | QP       |
| 4   | 0.371           | 30.32          | 9.61        | 39.93         | 48.47        | 8.54        | Average  |
| 5   | 1.191           | 28.10          | 9.62        | 37.72         | 56.00        | 18.28       | QP       |
| 6   | 1.191           | 20.43          | 9.62        | 30.05         | 46.00        | 15.95       | Average  |
| 7   | 1.603           | 27.01          | 9.63        | 36.64         | 56.00        | 19.36       | QP       |
| 8   | 1.603           | 16.93          | 9.63        | 26.56         | 46.00        | 19.44       | Average  |
| 9   | 3.794           | 34.97          | 9.65        | 44.62         | 56.00        | 11.38       | QP       |
| 10  | 3.794           | 29.13          | 9.65        | 38.78         | 46.00        | 7.22        | Average  |
| 11  | 28.196          | 32.35          | 9.83        | 42.18         | 60.00        | 17.82       | QP       |
| 12  | 28.196          | 30.07          | 9.83        | 39.90         | 50.00        | 10.10       | Average  |

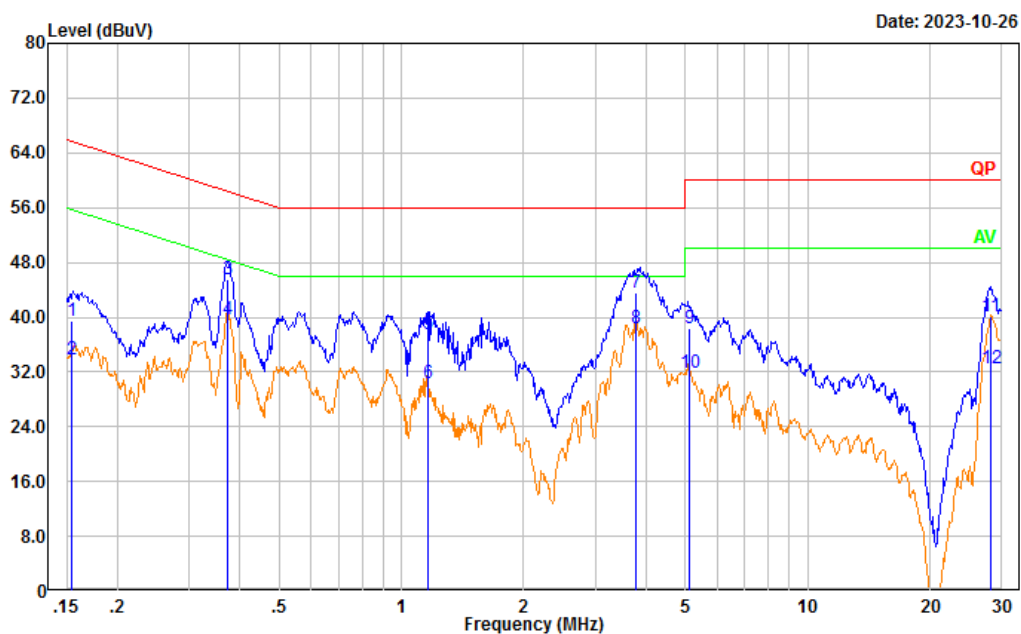
## 440MHz:

Project No.: CR230953150-RF  
Tester: David Huang  
Port: neutral  
Note: M3 Charging&Receiving(440)



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.162           | 27.53          | 9.61        | 37.14         | 65.36        | 28.22       | QP       |
| 2   | 0.162           | 17.93          | 9.61        | 27.54         | 55.36        | 27.82       | Average  |
| 3   | 0.377           | 32.96          | 9.61        | 42.57         | 58.34        | 15.77       | QP       |
| 4   | 0.377           | 22.87          | 9.61        | 32.48         | 48.34        | 15.86       | Average  |
| 5   | 1.205           | 25.75          | 9.62        | 35.37         | 56.00        | 20.63       | QP       |
| 6   | 1.205           | 18.06          | 9.62        | 27.68         | 46.00        | 18.32       | Average  |
| 7   | 1.577           | 27.64          | 9.63        | 37.27         | 56.00        | 18.73       | QP       |
| 8   | 1.577           | 14.57          | 9.63        | 24.20         | 46.00        | 21.80       | Average  |
| 9   | 3.719           | 31.81          | 9.65        | 41.46         | 56.00        | 14.54       | QP       |
| 10  | 3.719           | 20.35          | 9.65        | 30.00         | 46.00        | 16.00       | Average  |
| 11  | 27.982          | 29.82          | 9.81        | 39.63         | 60.00        | 20.37       | QP       |
| 12  | 27.982          | 22.60          | 9.81        | 32.41         | 50.00        | 17.59       | Average  |

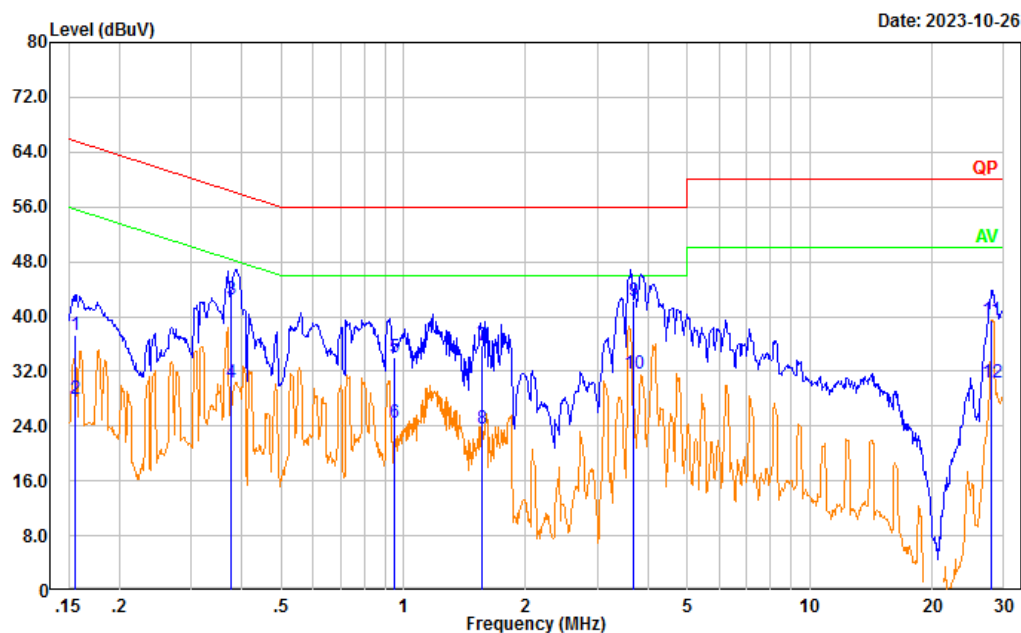
Project No.: CR230953150-RF  
 Tester: David Huang  
 Port: Line  
 Note: M3 Charging&Receiving(440)



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.154           | 29.75          | 9.61        | 39.36         | 65.77        | 26.41       | QP       |
| 2   | 0.154           | 24.19          | 9.61        | 33.80         | 55.77        | 21.97       | Average  |
| 3   | 0.374           | 35.97          | 9.61        | 45.58         | 58.42        | 12.84       | QP       |
| 4   | 0.374           | 30.14          | 9.61        | 39.75         | 48.42        | 8.67        | Average  |
| 5   | 1.164           | 27.96          | 9.62        | 37.58         | 56.00        | 18.42       | QP       |
| 6   | 1.164           | 20.66          | 9.62        | 30.28         | 46.00        | 15.72       | Average  |
| 7   | 3.766           | 33.93          | 9.65        | 43.58         | 56.00        | 12.42       | QP       |
| 8   | 3.766           | 28.70          | 9.65        | 38.35         | 46.00        | 7.65        | Average  |
| 9   | 5.116           | 28.65          | 9.66        | 38.31         | 60.00        | 21.69       | QP       |
| 10  | 5.116           | 22.21          | 9.66        | 31.87         | 50.00        | 18.13       | Average  |
| 11  | 28.163          | 30.18          | 9.83        | 40.01         | 60.00        | 19.99       | QP       |
| 12  | 28.163          | 22.76          | 9.83        | 32.59         | 50.00        | 17.41       | Average  |

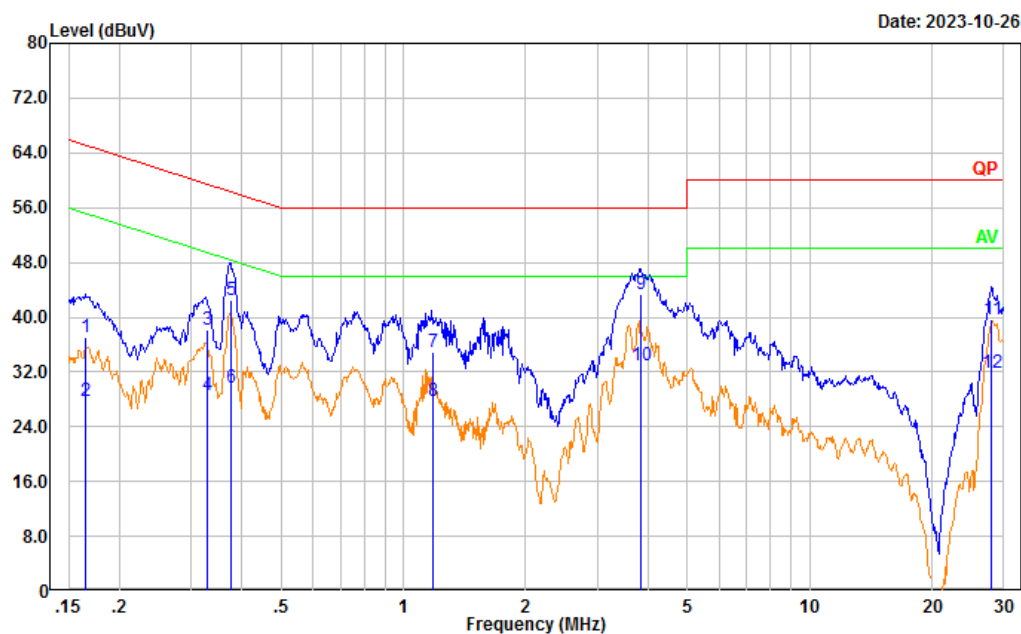
## 479.9875MHz:

Project No.: CR230953150-RF  
Tester: David Huang  
Port: Line  
Note: M3 Charging&Receiving(479.9875)



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.156           | 27.69          | 9.61        | 37.30         | 65.69        | 28.39       | QP       |
| 2   | 0.156           | 18.45          | 9.61        | 28.06         | 55.69        | 27.63       | Average  |
| 3   | 0.378           | 32.94          | 9.61        | 42.55         | 58.33        | 15.78       | QP       |
| 4   | 0.378           | 20.75          | 9.61        | 30.36         | 48.33        | 17.97       | Average  |
| 5   | 0.948           | 24.49          | 9.62        | 34.11         | 56.00        | 21.89       | QP       |
| 6   | 0.948           | 14.94          | 9.62        | 24.56         | 46.00        | 21.44       | Average  |
| 7   | 1.566           | 26.17          | 9.63        | 35.80         | 56.00        | 20.20       | QP       |
| 8   | 1.566           | 13.99          | 9.63        | 23.62         | 46.00        | 22.38       | Average  |
| 9   | 3.690           | 32.55          | 9.65        | 42.20         | 56.00        | 13.80       | QP       |
| 10  | 3.690           | 21.95          | 9.65        | 31.60         | 46.00        | 14.40       | Average  |
| 11  | 27.891          | 29.54          | 9.83        | 39.37         | 60.00        | 20.63       | QP       |
| 12  | 27.891          | 20.53          | 9.83        | 30.36         | 50.00        | 19.64       | Average  |

Project No.: CR230953150-RF  
 Tester: David Huang  
 Port: neutral  
 Note: M3 Charging&Receiving(479.9875)



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.165           | 27.49          | 9.61        | 37.10         | 65.23        | 28.13       | QP       |
| 2   | 0.165           | 18.14          | 9.61        | 27.75         | 55.23        | 27.48       | Average  |
| 3   | 0.329           | 28.51          | 9.61        | 38.12         | 59.47        | 21.35       | QP       |
| 4   | 0.329           | 19.05          | 9.61        | 28.66         | 49.47        | 20.81       | Average  |
| 5   | 0.377           | 32.89          | 9.61        | 42.50         | 58.35        | 15.85       | QP       |
| 6   | 0.377           | 20.12          | 9.61        | 29.73         | 48.35        | 18.62       | Average  |
| 7   | 1.183           | 25.36          | 9.62        | 34.98         | 56.00        | 21.02       | QP       |
| 8   | 1.183           | 18.13          | 9.62        | 27.75         | 46.00        | 18.25       | Average  |
| 9   | 3.847           | 33.80          | 9.65        | 43.45         | 56.00        | 12.55       | QP       |
| 10  | 3.847           | 23.30          | 9.65        | 32.95         | 46.00        | 13.05       | Average  |
| 11  | 28.005          | 29.83          | 9.81        | 39.64         | 60.00        | 20.36       | QP       |
| 12  | 28.005          | 22.14          | 9.81        | 31.95         | 50.00        | 18.05       | Average  |

**4.2 Radiation Spurious Emissions**

|                |                 |              |            |
|----------------|-----------------|--------------|------------|
| Serial Number: | 2B4F-3          | Test Date:   | 2023/9/20  |
| Test Site:     | 966-1/966-2     | Test Mode:   | M1, M2, M3 |
| Tester:        | Tao Zhu, Vic Du | Test Result: | Pass       |

**Environmental Conditions:**

|                      |         |                           |       |                           |       |
|----------------------|---------|---------------------------|-------|---------------------------|-------|
| Temperature:<br>(°C) | 26.1-27 | Relative Humidity:<br>(%) | 66-70 | ATM<br>Pressure:<br>(kPa) | 100.6 |
|----------------------|---------|---------------------------|-------|---------------------------|-------|

**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        | 2023/3/31        | 2024/3/30            |
| TIMES MICROWAVE | Coaxial Cable     | LMR-600-UltraFlex     | C-0470-02     | 2023/7/16        | 2024/7/15            |
| TIMES MICROWAVE | Coaxial Cable     | LMR-600-UltraFlex     | C-0780-01     | 2023/7/16        | 2024/7/15            |
| Sonoma          | Amplifier         | 310N                  | 186165        | 2023/7/16        | 2024/7/15            |
| Audix           | Test Software     | E3                    | 201021 (V9)   | N/A              | N/A                  |
| ETS-Lindgren    | Horn Antenna      | 3115                  | 9912-5985     | 2020/10/13       | 2023/10/12           |
| R&S             | Spectrum Analyzer | FSV40                 | 101591        | 2023/3/31        | 2024/3/30            |
| MICRO-COAX      | Coaxial Cable     | UFA210A-1-1200-70U300 | 217423-008    | 2023/8/6         | 2024/8/5             |
| MICRO-COAX      | Coaxial Cable     | UFA210A-1-2362-300300 | 235780-001    | 2023/8/6         | 2024/8/5             |
| Mini            | Pre-amplifier     | ZVA-183-S+            | 5969001149    | 2022/11/9        | 2023/11/8            |

*\* 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:**

Note:

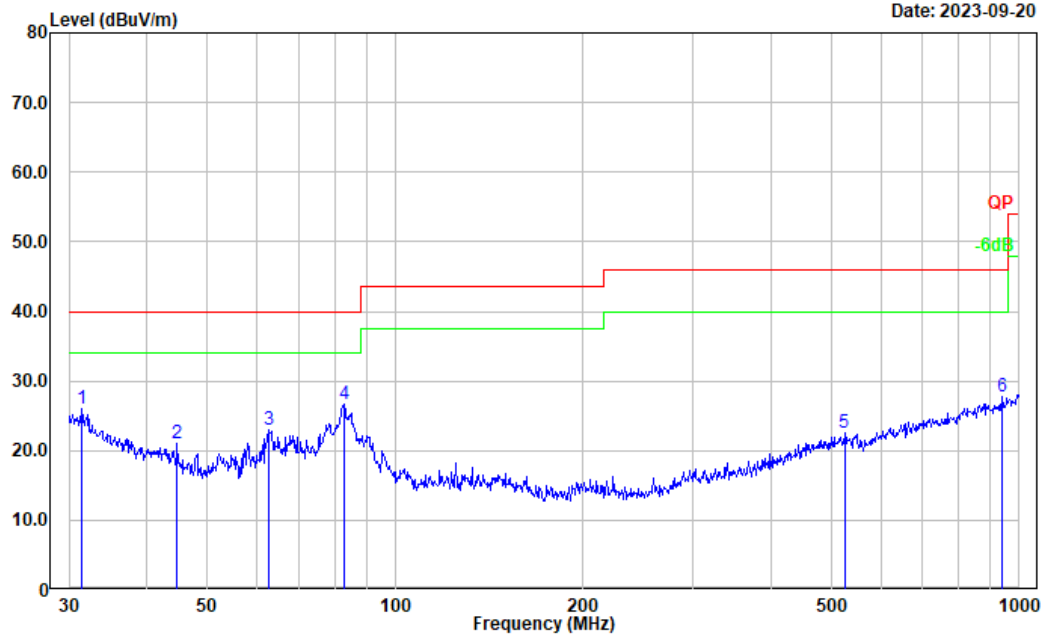
The device can be mounted in multiple orientations, after pre-scan in the X, Y and Z axes of orientation, the worst case is below:

1) 30MHz-1GHz:

**M1:136-174MHz:**

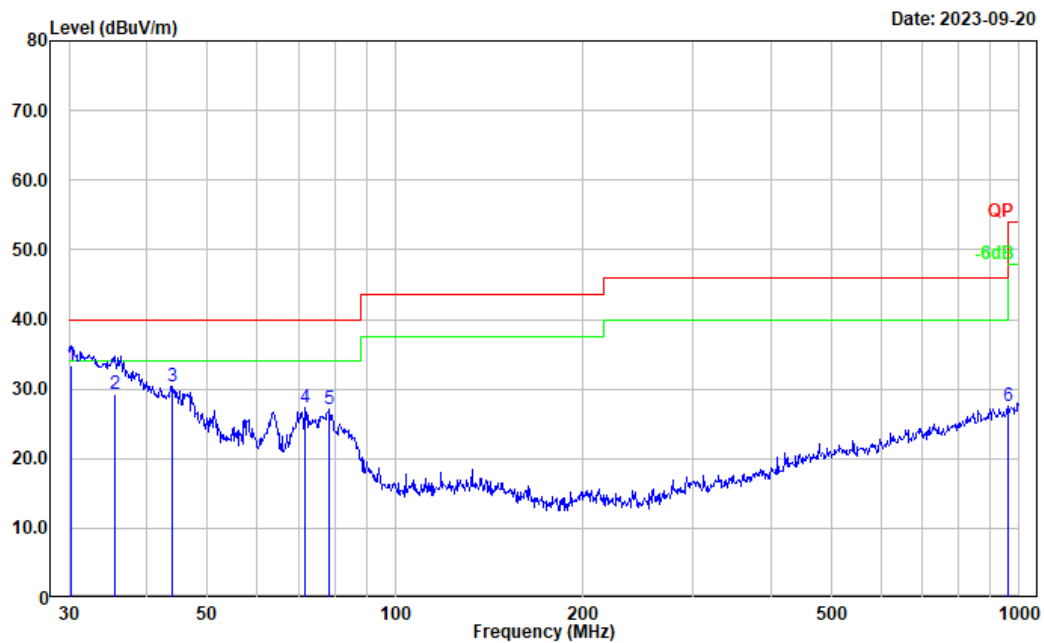
Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: horizontal  
Note:

Date: 2023-09-20



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 31.510             | 30.73             | -4.75            | 25.98              | 40.00             | 14.02          | Peak     |
| 2   | 44.743             | 35.05             | -14.08           | 20.97              | 40.00             | 19.03          | Peak     |
| 3   | 62.871             | 40.09             | -17.13           | 22.96              | 40.00             | 17.04          | Peak     |
| 4   | 82.648             | 43.86             | -17.28           | 26.58              | 40.00             | 13.42          | Peak     |
| 5   | 524.554            | 28.46             | -5.89            | 22.57              | 46.00             | 23.43          | Peak     |
| 6   | 938.833            | 28.26             | -0.40            | 27.86              | 46.00             | 18.14          | Peak     |

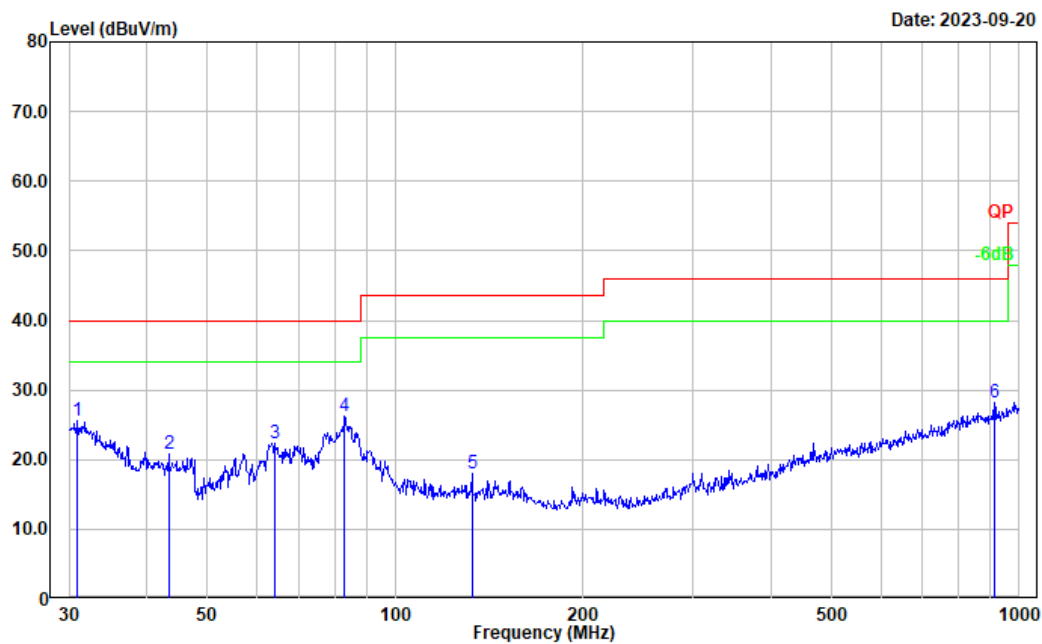
Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: vertical  
Note:



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Factor<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.248             | 37.12             | -3.79            | 33.33              | 40.00             | 6.67           | QP       |
| 2   | 35.505             | 37.17             | -7.86            | 29.31              | 40.00             | 10.69          | QP       |
| 3   | 43.966             | 43.97             | -13.65           | 30.32              | 40.00             | 9.68           | Peak     |
| 4   | 71.581             | 43.88             | -16.64           | 27.24              | 40.00             | 12.76          | Peak     |
| 5   | 78.413             | 44.43             | -17.30           | 27.13              | 40.00             | 12.87          | Peak     |
| 6   | 958.794            | 27.56             | 0.03             | 27.59              | 46.00             | 18.41          | Peak     |

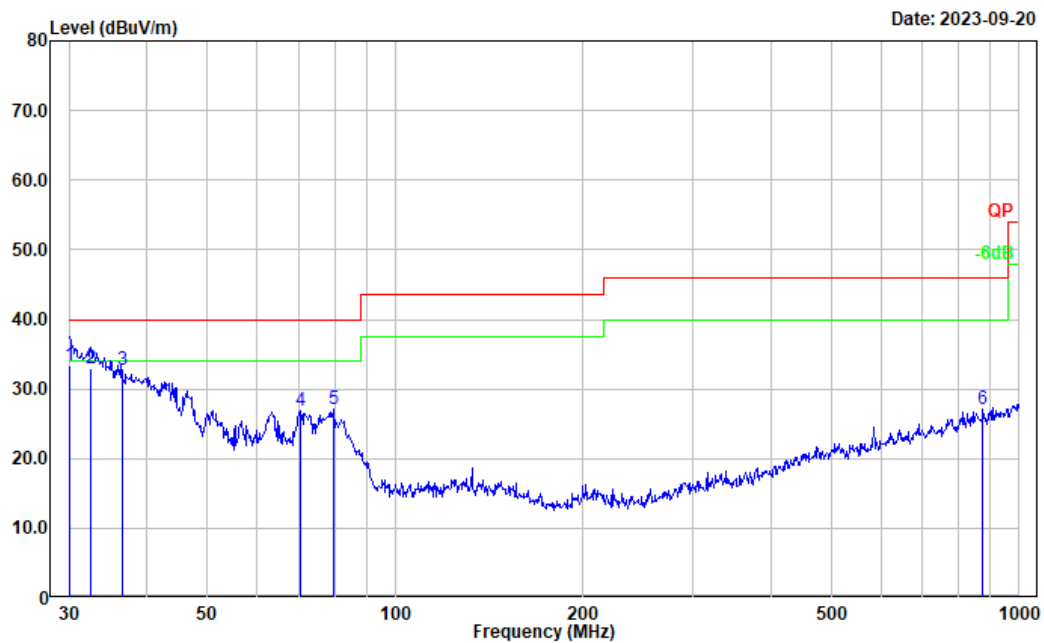
**400-480MHz:**

Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: horizontal  
Note:



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Factor<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.962             | 29.92             | -4.34            | 25.58              | 40.00             | 14.42          | Peak     |
| 2   | 43.353             | 34.17             | -13.29           | 20.88              | 40.00             | 19.12          | Peak     |
| 3   | 64.208             | 39.34             | -17.02           | 22.32              | 40.00             | 17.68          | Peak     |
| 4   | 82.938             | 43.47             | -17.23           | 26.24              | 40.00             | 13.76          | Peak     |
| 5   | 132.685            | 29.57             | -11.48           | 18.09              | 43.50             | 25.41          | Peak     |
| 6   | 912.862            | 28.76             | -0.67            | 28.09              | 46.00             | 17.91          | Peak     |

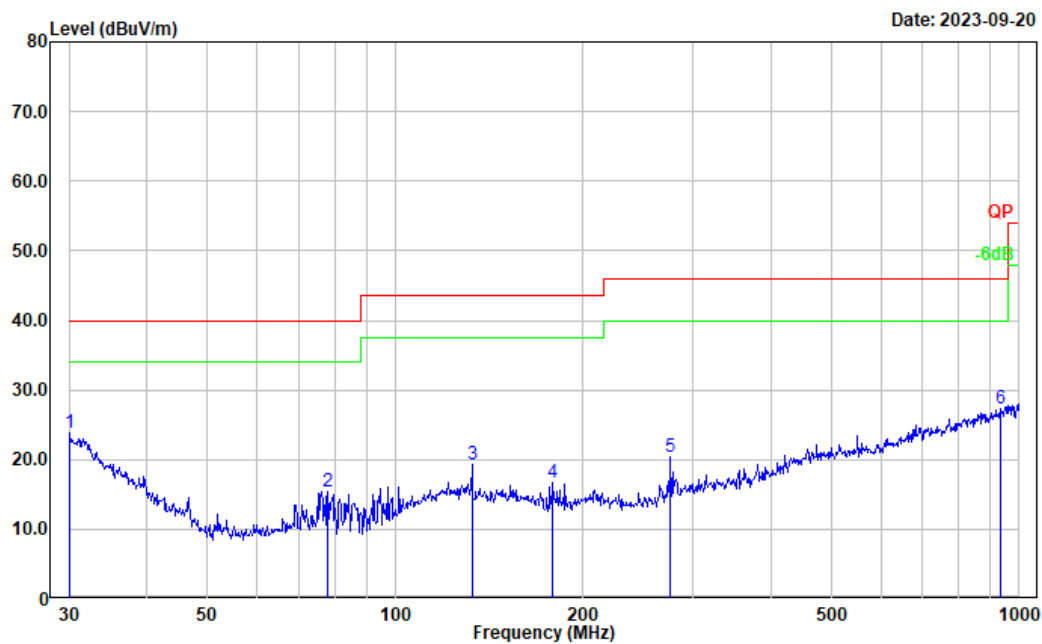
Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: vertical  
Note:



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.000             | 37.03             | -3.60            | 33.43              | 40.00             | 6.57           | QP       |
| 2   | 32.520             | 38.50             | -5.54            | 32.96              | 40.00             | 7.04           | QP       |
| 3   | 36.509             | 41.27             | -8.63            | 32.64              | 40.00             | 7.36           | Peak     |
| 4   | 70.337             | 43.28             | -16.50           | 26.78              | 40.00             | 13.22          | Peak     |
| 5   | 79.800             | 44.62             | -17.44           | 27.18              | 40.00             | 12.82          | Peak     |
| 6   | 875.247            | 28.38             | -1.18            | 27.20              | 46.00             | 18.80          | Peak     |

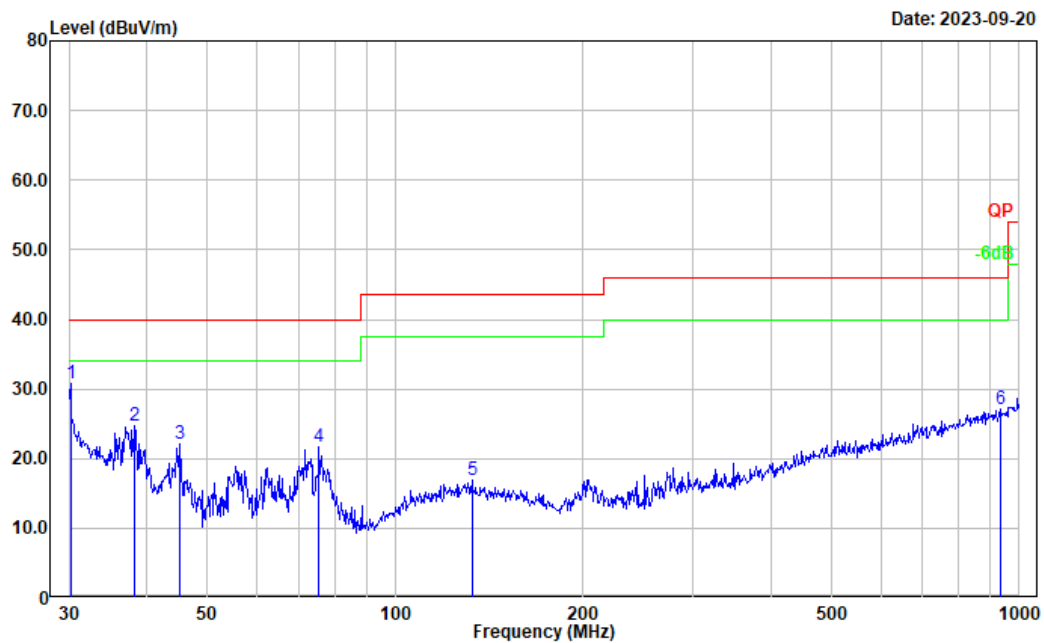
**M2:136-174MHz:**

Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: horizontal  
Note:



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Factor<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.000             | 27.53             | -3.60            | 23.93              | 40.00             | 16.07          | Peak     |
| 2   | 77.865             | 32.70             | -17.25           | 15.45              | 40.00             | 24.55          | Peak     |
| 3   | 132.685            | 30.72             | -11.48           | 19.24              | 43.50             | 24.26          | Peak     |
| 4   | 178.758            | 30.15             | -13.55           | 16.60              | 43.50             | 26.90          | Peak     |
| 5   | 276.124            | 32.28             | -11.84           | 20.44              | 46.00             | 25.56          | Peak     |
| 6   | 935.546            | 27.81             | -0.50            | 27.31              | 46.00             | 18.69          | Peak     |

Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: vertical  
Note:

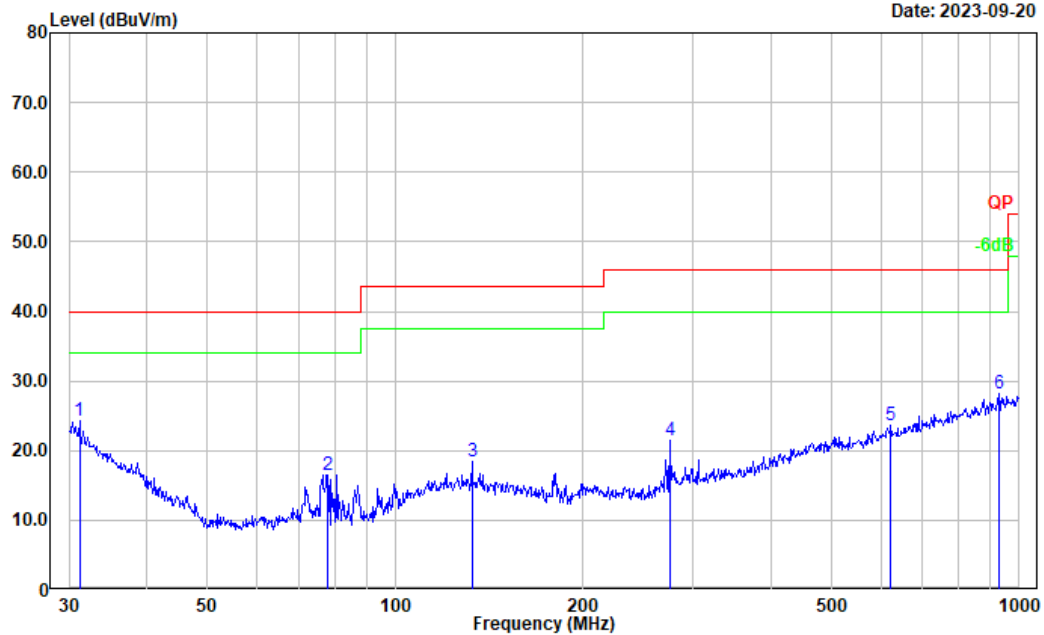


| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Factor<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.211             | 34.50             | -3.76            | 30.74              | 40.00             | 9.26           | Peak     |
| 2   | 38.212             | 34.59             | -9.91            | 24.68              | 40.00             | 15.32          | Peak     |
| 3   | 45.058             | 36.28             | -14.25           | 22.03              | 40.00             | 17.97          | Peak     |
| 4   | 75.446             | 38.56             | -16.97           | 21.59              | 40.00             | 18.41          | Peak     |
| 5   | 132.685            | 28.30             | -11.48           | 16.82              | 43.50             | 26.68          | Peak     |
| 6   | 932.272            | 27.69             | -0.55            | 27.14              | 46.00             | 18.86          | Peak     |

**400-480MHz:**

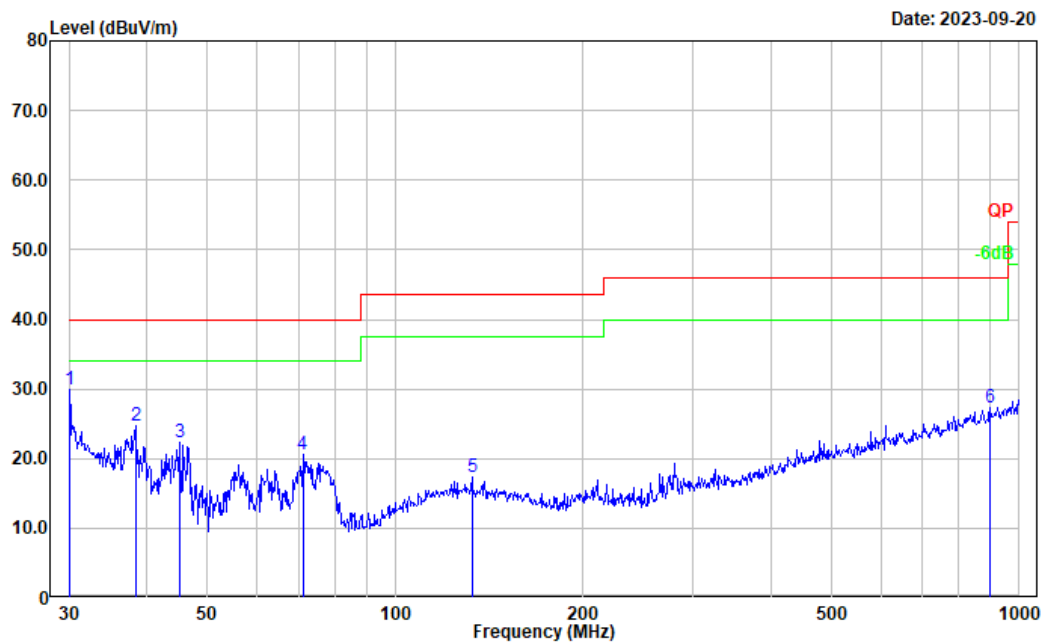
Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: horizontal  
Note:

Date: 2023-09-20



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 31.180             | 28.87             | -4.50            | 24.37              | 40.00             | 15.63          | Peak     |
| 2   | 77.865             | 33.80             | -17.25           | 16.55              | 40.00             | 23.45          | Peak     |
| 3   | 132.685            | 29.89             | -11.48           | 18.41              | 43.50             | 25.09          | Peak     |
| 4   | 275.157            | 33.31             | -11.89           | 21.42              | 46.00             | 24.58          | Peak     |
| 5   | 622.890            | 28.17             | -4.65            | 23.52              | 46.00             | 22.48          | Peak     |
| 6   | 925.756            | 28.82             | -0.62            | 28.20              | 46.00             | 17.80          | Peak     |

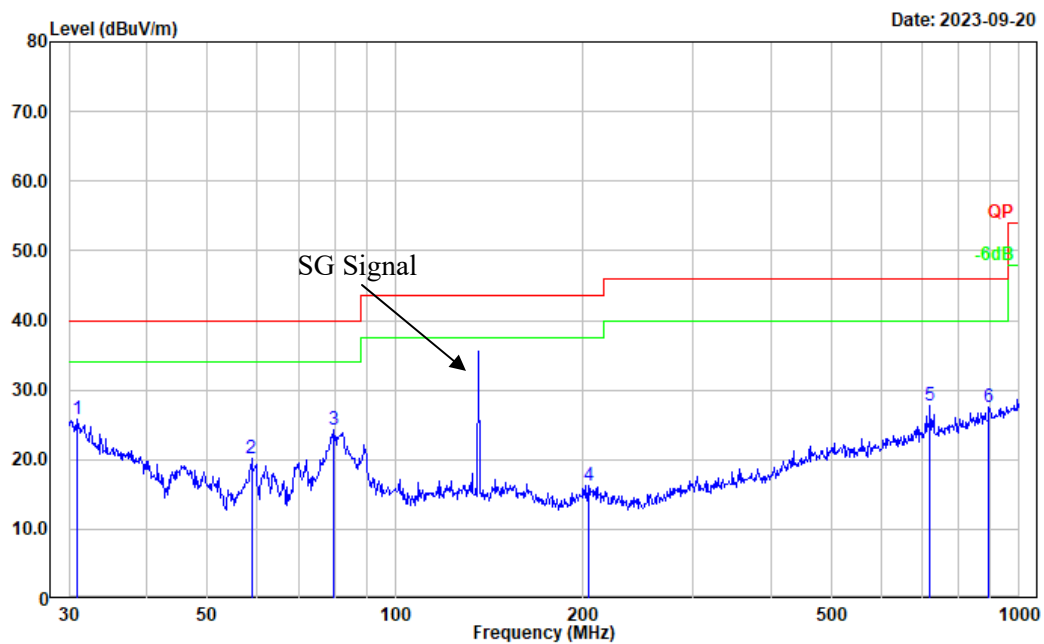
Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: vertical  
Note:



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Factor<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.000             | 33.53             | -3.60            | 29.93              | 40.00             | 10.07          | Peak     |
| 2   | 38.346             | 34.81             | -10.00           | 24.81              | 40.00             | 15.19          | Peak     |
| 3   | 45.058             | 36.49             | -14.25           | 22.24              | 40.00             | 17.76          | Peak     |
| 4   | 71.080             | 37.19             | -16.59           | 20.60              | 40.00             | 19.40          | Peak     |
| 5   | 132.685            | 28.80             | -11.48           | 17.32              | 43.50             | 26.18          | Peak     |
| 6   | 896.997            | 28.36             | -1.04            | 27.32              | 46.00             | 18.68          | Peak     |

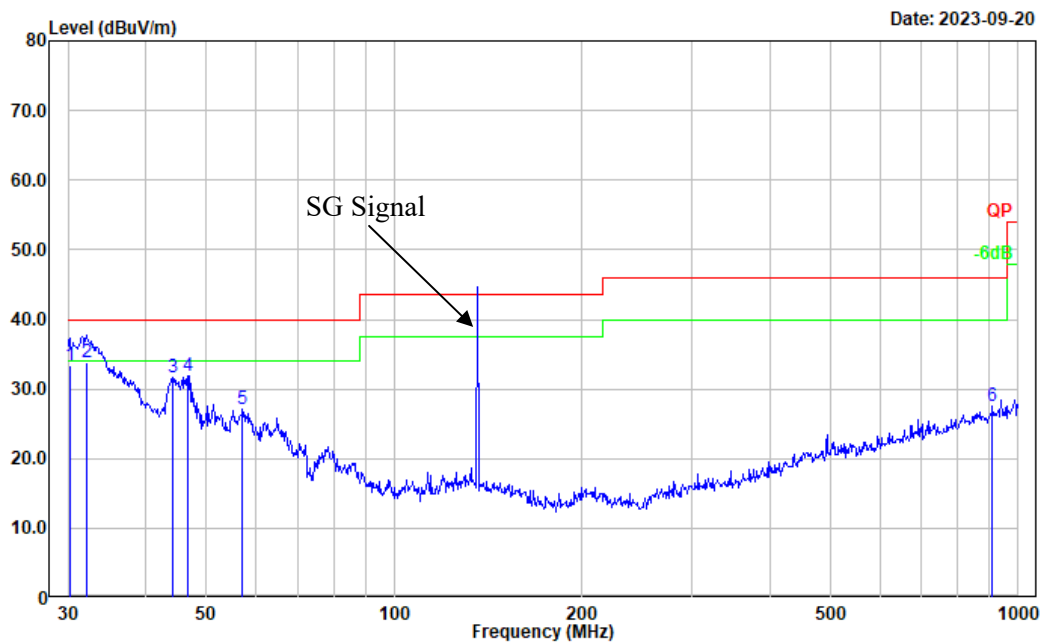
**M3:136.0125MHz:**

Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: horizontal  
Note:



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.853             | 30.14             | -4.26            | 25.88              | 40.00             | 14.12          | Peak     |
| 2   | 58.819             | 37.48             | -17.39           | 20.09              | 40.00             | 19.91          | Peak     |
| 3   | 79.521             | 41.74             | -17.41           | 24.33              | 40.00             | 15.67          | Peak     |
| 4   | 204.238            | 28.65             | -12.33           | 16.32              | 43.50             | 27.18          | Peak     |
| 5   | 719.200            | 31.11             | -3.30            | 27.81              | 46.00             | 18.19          | Peak     |
| 6   | 893.857            | 28.64             | -1.09            | 27.55              | 46.00             | 18.45          | Peak     |

Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: vertical  
Note:

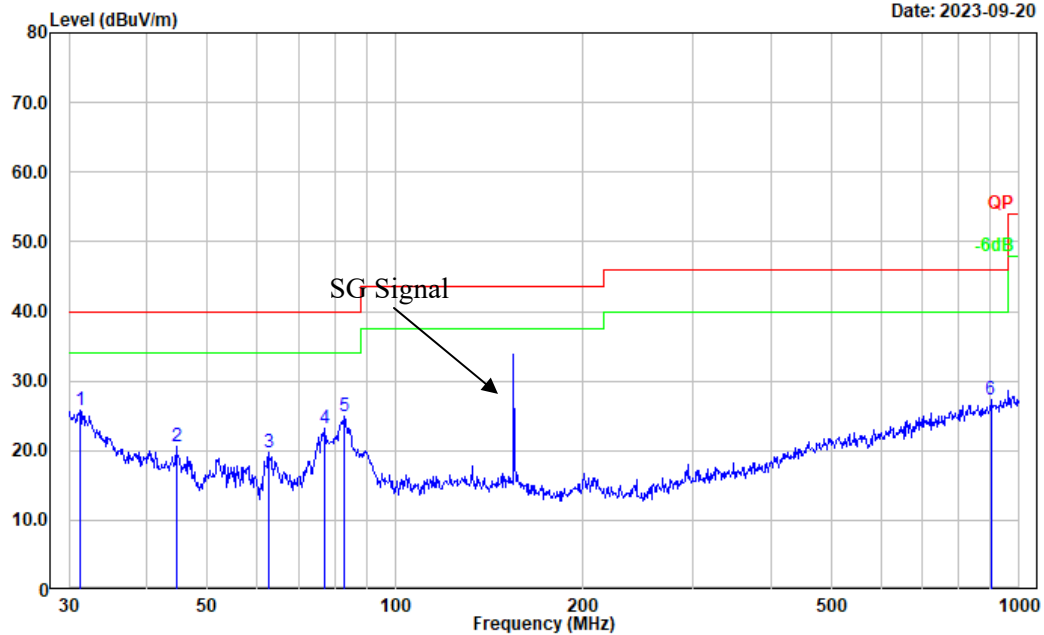


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.211             | 37.08             | -3.76            | 33.32              | 40.00             | 6.68           | QP       |
| 2   | 32.067             | 38.90             | -5.17            | 33.73              | 40.00             | 6.27           | QP       |
| 3   | 44.120             | 45.48             | -13.73           | 31.75              | 40.00             | 8.25           | Peak     |
| 4   | 46.666             | 47.07             | -15.23           | 31.84              | 40.00             | 8.16           | Peak     |
| 5   | 57.191             | 44.42             | -17.33           | 27.09              | 40.00             | 12.91          | Peak     |
| 6   | 909.667            | 28.25             | -0.68            | 27.57              | 46.00             | 18.43          | Peak     |

## 155MHz:

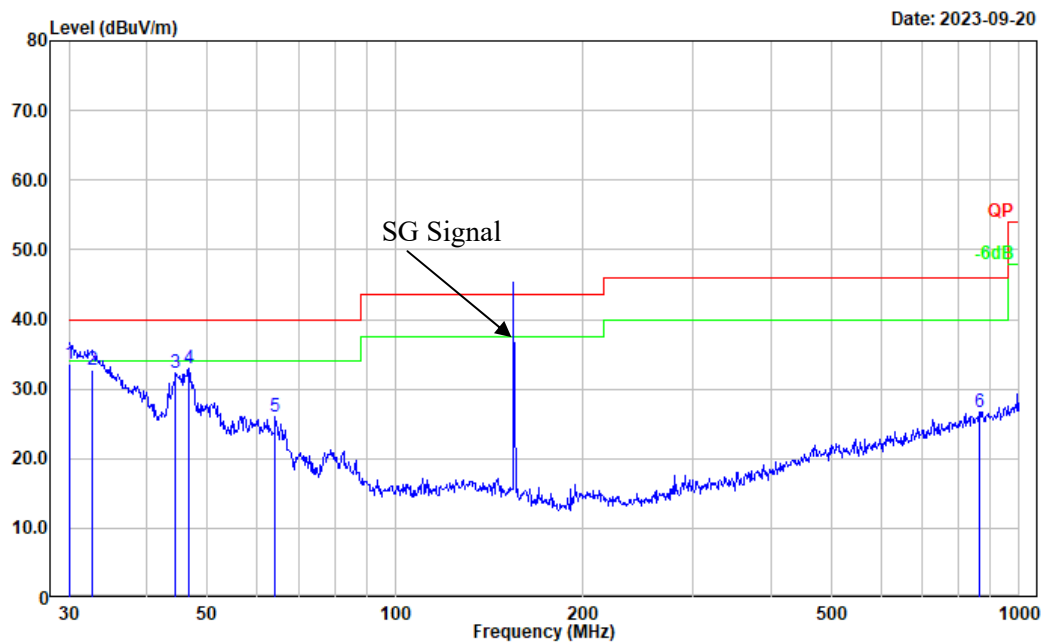
Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: horizontal  
Note:

Date: 2023-09-20



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|-----------------|----------------|-------------|----------|
| 1   | 31.289          | 30.32          | -4.59         | 25.73           | 40.00          | 14.27       | Peak     |
| 2   | 44.587          | 34.51          | -14.00        | 20.51           | 40.00          | 19.49       | Peak     |
| 3   | 62.651          | 36.81          | -17.16        | 19.65           | 40.00          | 20.35       | Peak     |
| 4   | 77.051          | 40.27          | -17.15        | 23.12           | 40.00          | 16.88       | Peak     |
| 5   | 82.938          | 42.26          | -17.23        | 25.03           | 40.00          | 14.97       | Peak     |
| 6   | 900.147         | 28.28          | -0.96         | 27.32           | 46.00          | 18.68       | Peak     |

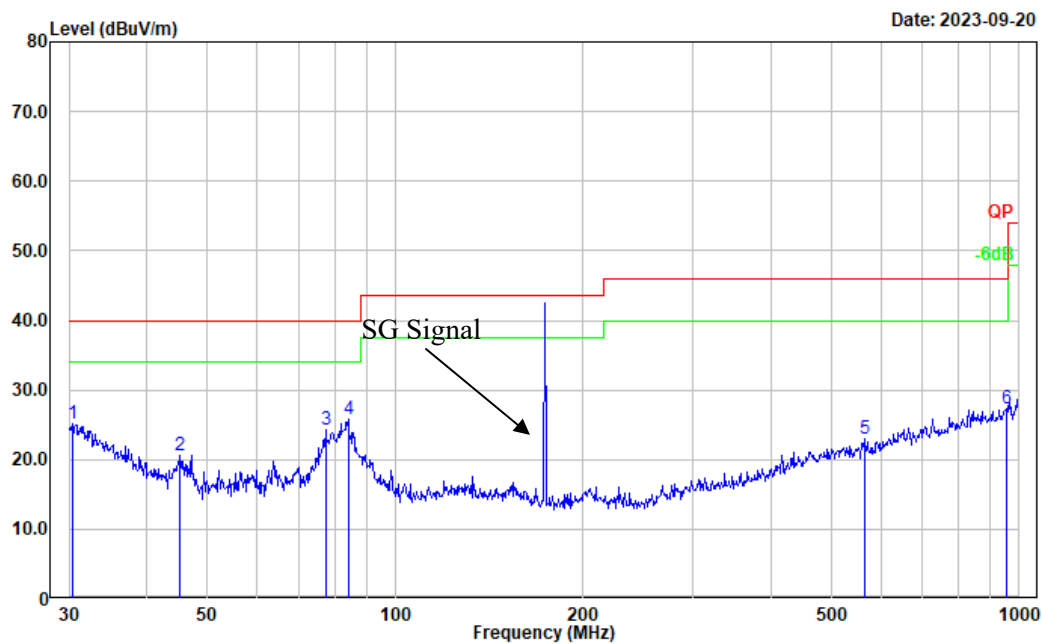
Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: vertical  
Note:



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.105             | 37.39             | -3.68            | 33.71              | 40.00             | 6.29           | QP       |
| 2   | 32.634             | 38.27             | -5.62            | 32.65              | 40.00             | 7.35           | QP       |
| 3   | 44.431             | 46.17             | -13.90           | 32.27              | 40.00             | 7.73           | Peak     |
| 4   | 46.666             | 48.09             | -15.23           | 32.86              | 40.00             | 7.14           | Peak     |
| 5   | 64.208             | 43.01             | -17.02           | 25.99              | 40.00             | 14.01          | Peak     |
| 6   | 863.056            | 27.90             | -1.20            | 26.70              | 46.00             | 19.30          | Peak     |

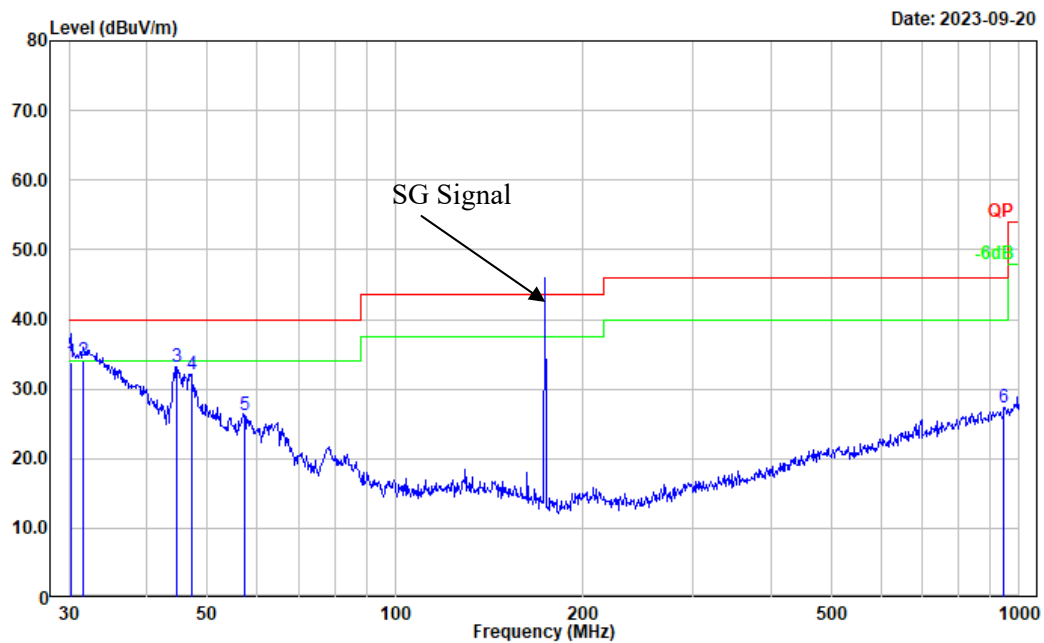
**173.9875MHz:**

Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: horizontal  
Note:



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Factor<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.424             | 28.99             | -3.93            | 25.06              | 40.00             | 14.94          | Peak     |
| 2   | 45.217             | 34.95             | -14.36           | 20.59              | 40.00             | 19.41          | Peak     |
| 3   | 77.321             | 41.54             | -17.18           | 24.36              | 40.00             | 15.64          | Peak     |
| 4   | 84.110             | 43.12             | -17.23           | 25.89              | 40.00             | 14.11          | Peak     |
| 5   | 564.639            | 28.60             | -5.60            | 23.00              | 46.00             | 23.00          | Peak     |
| 6   | 952.094            | 27.35             | -0.12            | 27.23              | 46.00             | 18.77          | Peak     |

Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: vertical  
Note:

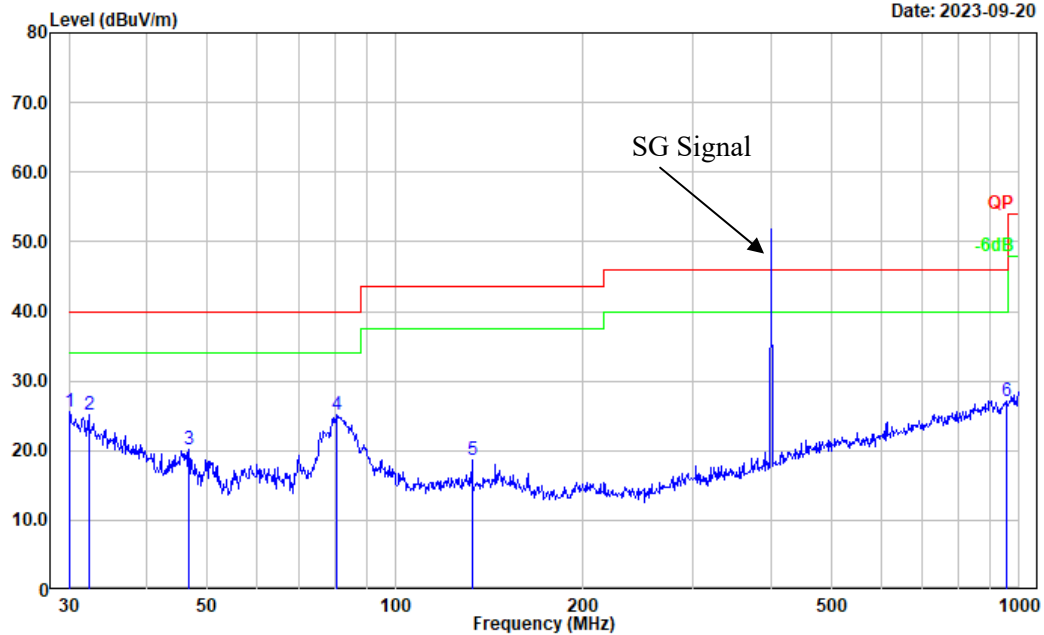


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.211             | 37.62             | -3.76            | 33.86              | 40.00             | 6.14           | QP       |
| 2   | 31.620             | 38.91             | -4.83            | 34.08              | 40.00             | 5.92           | QP       |
| 3   | 44.743             | 47.25             | -14.08           | 33.17              | 40.00             | 6.83           | Peak     |
| 4   | 47.160             | 47.63             | -15.52           | 32.11              | 40.00             | 7.89           | Peak     |
| 5   | 57.392             | 43.54             | -17.33           | 26.21              | 40.00             | 13.79          | Peak     |
| 6   | 945.440            | 27.53             | -0.28            | 27.25              | 46.00             | 18.75          | Peak     |

**400.0125MHz:**

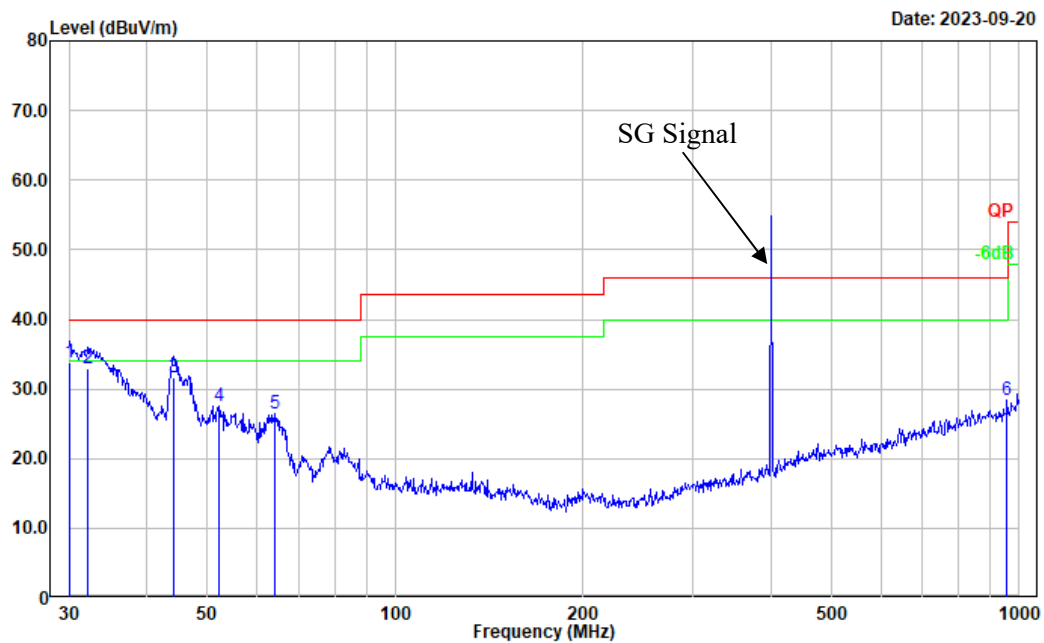
Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: horizontal  
Note:

Date: 2023-09-20



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.105             | 29.26             | -3.68            | 25.58              | 40.00             | 14.42          | Peak     |
| 2   | 32.293             | 30.59             | -5.36            | 25.23              | 40.00             | 14.77          | Peak     |
| 3   | 46.666             | 35.31             | -15.23           | 20.08              | 40.00             | 19.92          | Peak     |
| 4   | 80.644             | 42.60             | -17.41           | 25.19              | 40.00             | 14.81          | Peak     |
| 5   | 132.685            | 30.09             | -11.48           | 18.61              | 43.50             | 24.89          | Peak     |
| 6   | 952.094            | 27.28             | -0.12            | 27.16              | 46.00             | 18.84          | Peak     |

Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: vertical  
Note:

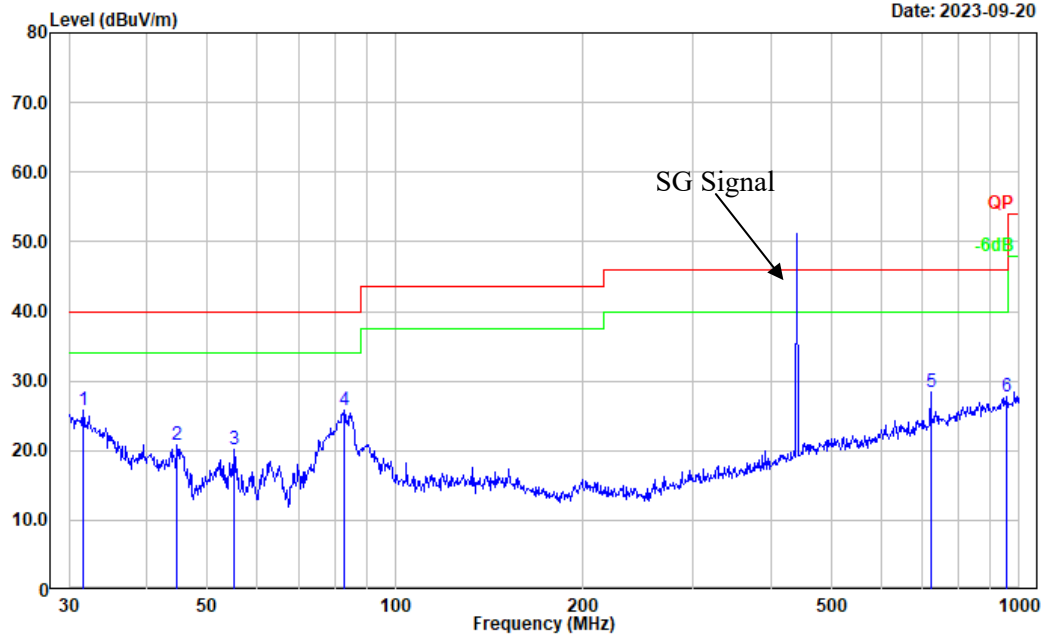


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.000             | 37.46             | -3.60            | 33.86              | 40.00             | 6.14           | QP       |
| 2   | 32.179             | 38.30             | -5.27            | 33.03              | 40.00             | 6.97           | QP       |
| 3   | 44.120             | 45.37             | -13.73           | 31.64              | 40.00             | 8.36           | QP       |
| 4   | 52.208             | 44.80             | -17.21           | 27.59              | 40.00             | 12.41          | Peak     |
| 5   | 63.983             | 43.41             | -17.04           | 26.37              | 40.00             | 13.63          | Peak     |
| 6   | 955.438            | 28.55             | -0.05            | 28.50              | 46.00             | 17.50          | Peak     |

**440MHz:**

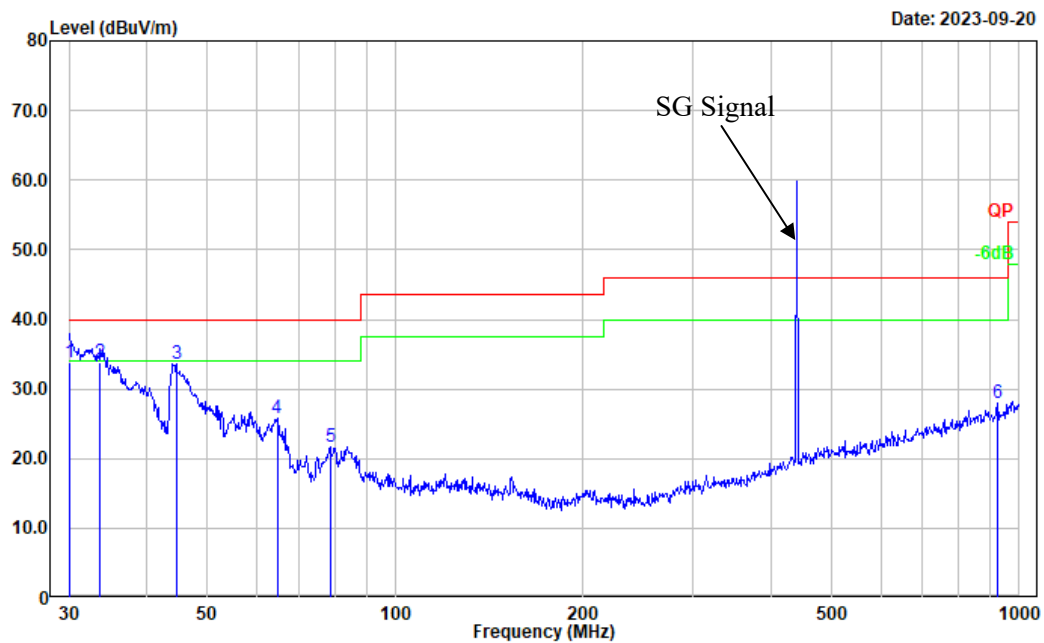
Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: horizontal  
Note:

Date: 2023-09-20



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 31.620             | 30.73             | -4.83            | 25.90              | 40.00             | 14.10          | Peak     |
| 2   | 44.743             | 34.95             | -14.08           | 20.87              | 40.00             | 19.13          | Peak     |
| 3   | 55.221             | 37.47             | -17.29           | 20.18              | 40.00             | 19.82          | Peak     |
| 4   | 82.648             | 43.13             | -17.28           | 25.85              | 40.00             | 14.15          | Peak     |
| 5   | 721.726            | 31.57             | -3.22            | 28.35              | 46.00             | 17.65          | Peak     |
| 6   | 955.438            | 27.79             | -0.05            | 27.74              | 46.00             | 18.26          | Peak     |

Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: vertical  
Note:

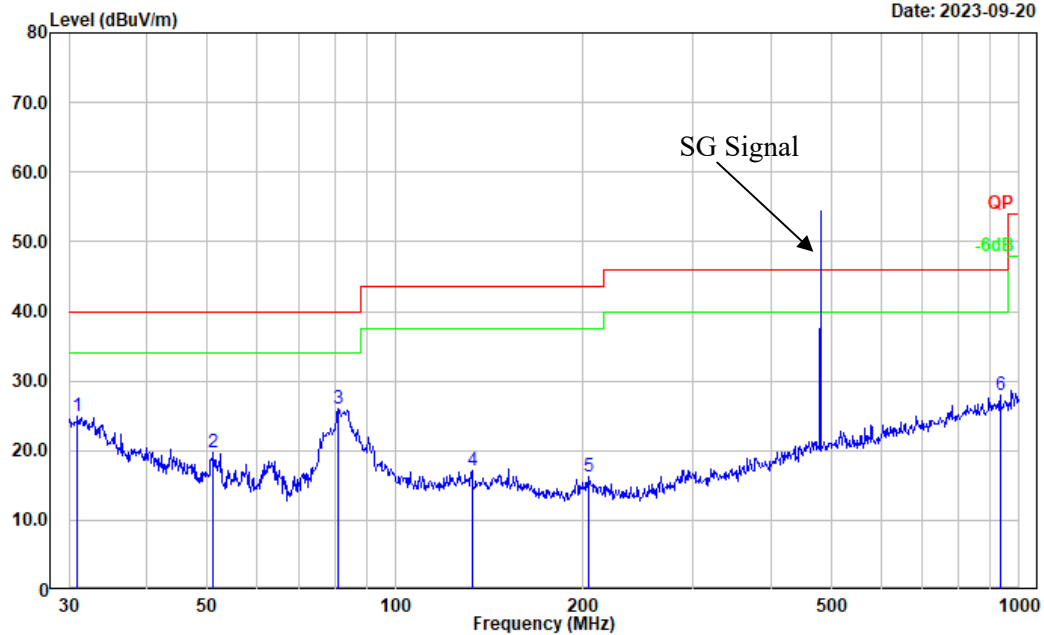


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.000             | 37.48             | -3.60            | 33.88              | 40.00             | 6.12           | QP       |
| 2   | 33.680             | 40.17             | -6.43            | 33.74              | 40.00             | 6.26           | QP       |
| 3   | 44.587             | 47.58             | -14.00           | 33.58              | 40.00             | 6.42           | Peak     |
| 4   | 64.659             | 42.68             | -16.96           | 25.72              | 40.00             | 14.28          | Peak     |
| 5   | 78.689             | 39.00             | -17.32           | 21.68              | 40.00             | 18.32          | Peak     |
| 6   | 922.516            | 28.53             | -0.66            | 27.87              | 46.00             | 18.13          | Peak     |

**479.9875MHz:**

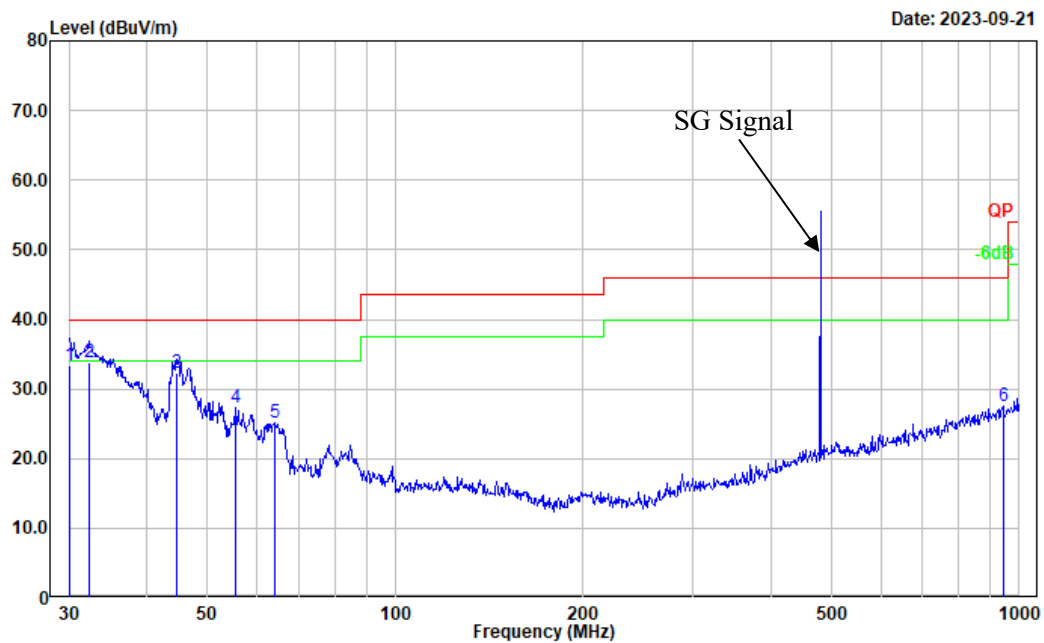
Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: horizontal  
Note:

Date: 2023-09-20



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.962             | 29.23             | -4.34            | 24.89              | 40.00             | 15.11          | Peak     |
| 2   | 51.121             | 36.84             | -17.21           | 19.63              | 40.00             | 20.37          | Peak     |
| 3   | 81.212             | 43.43             | -17.38           | 26.05              | 40.00             | 13.95          | Peak     |
| 4   | 132.685            | 28.69             | -11.48           | 17.21              | 43.50             | 26.29          | Peak     |
| 5   | 204.238            | 28.62             | -12.33           | 16.29              | 43.50             | 27.21          | Peak     |
| 6   | 932.272            | 28.43             | -0.55            | 27.88              | 46.00             | 18.12          | Peak     |

Project No.: CR230953150-RF  
Tester: Vic Du  
Polarization: vertical  
Note:



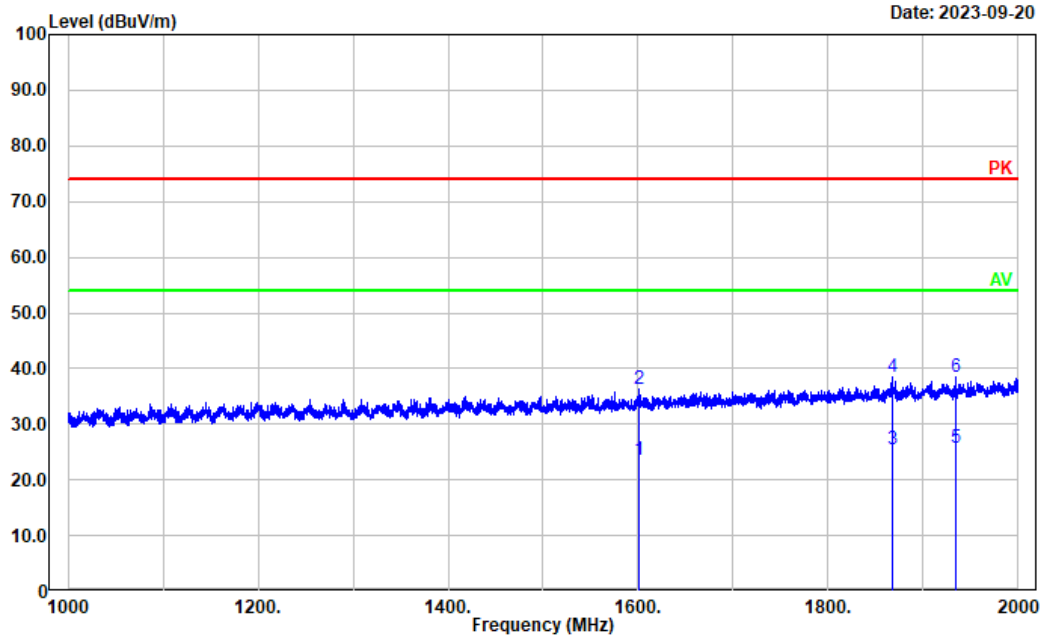
| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Factor<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 30.000             | 36.98             | -3.60            | 33.38              | 40.00             | 6.62           | QP       |
| 2   | 32.293             | 39.28             | -5.36            | 33.92              | 40.00             | 6.08           | QP       |
| 3   | 44.587             | 46.36             | -14.00           | 32.36              | 40.00             | 7.64           | QP       |
| 4   | 55.609             | 44.62             | -17.31           | 27.31              | 40.00             | 12.69          | Peak     |
| 5   | 64.208             | 42.26             | -17.02           | 25.24              | 40.00             | 14.76          | Peak     |
| 6   | 942.131            | 27.78             | -0.34            | 27.44              | 46.00             | 18.56          | Peak     |

2) Above 1GHz:

**M1:136-174MHz:**

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: horizontal  
Note:

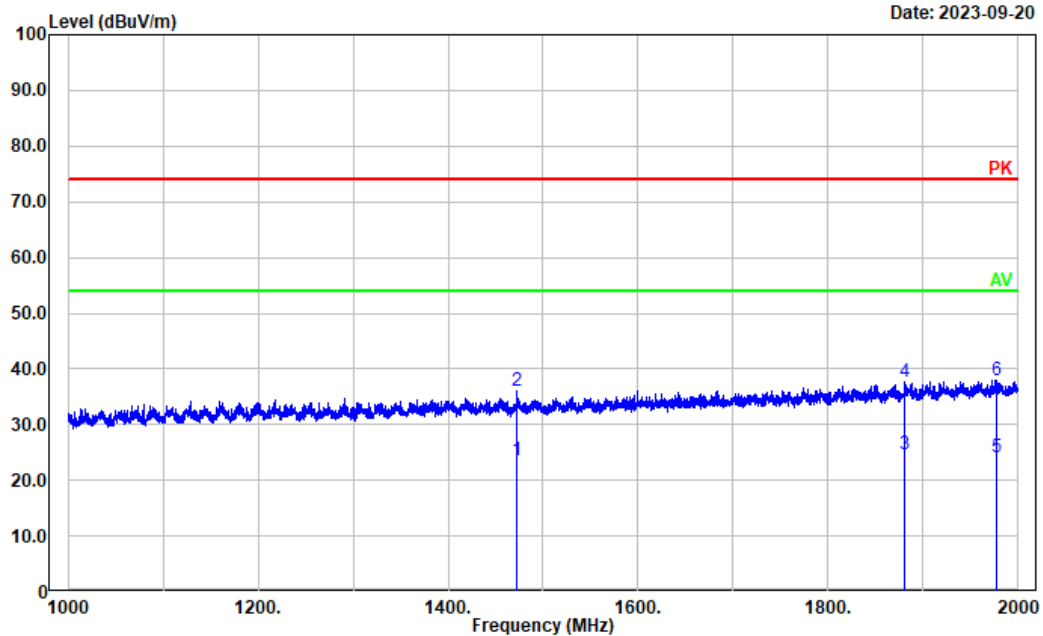
Date: 2023-09-20



| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|-----------------|----------------|-------------|----------|
| 1   | 1601.520        | 23.42          | 0.24          | 23.66           | 54.00          | 30.34       | Average  |
| 2   | 1601.520        | 36.20          | 0.24          | 36.44           | 74.00          | 37.56       | Peak     |
| 3   | 1866.973        | 23.81          | 1.64          | 25.45           | 54.00          | 28.55       | Average  |
| 4   | 1866.973        | 36.90          | 1.64          | 38.54           | 74.00          | 35.46       | Peak     |
| 5   | 1934.187        | 23.66          | 2.02          | 25.68           | 54.00          | 28.32       | Average  |
| 6   | 1934.187        | 36.48          | 2.02          | 38.50           | 74.00          | 35.50       | Peak     |

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: vertical  
Note:

Date: 2023-09-20

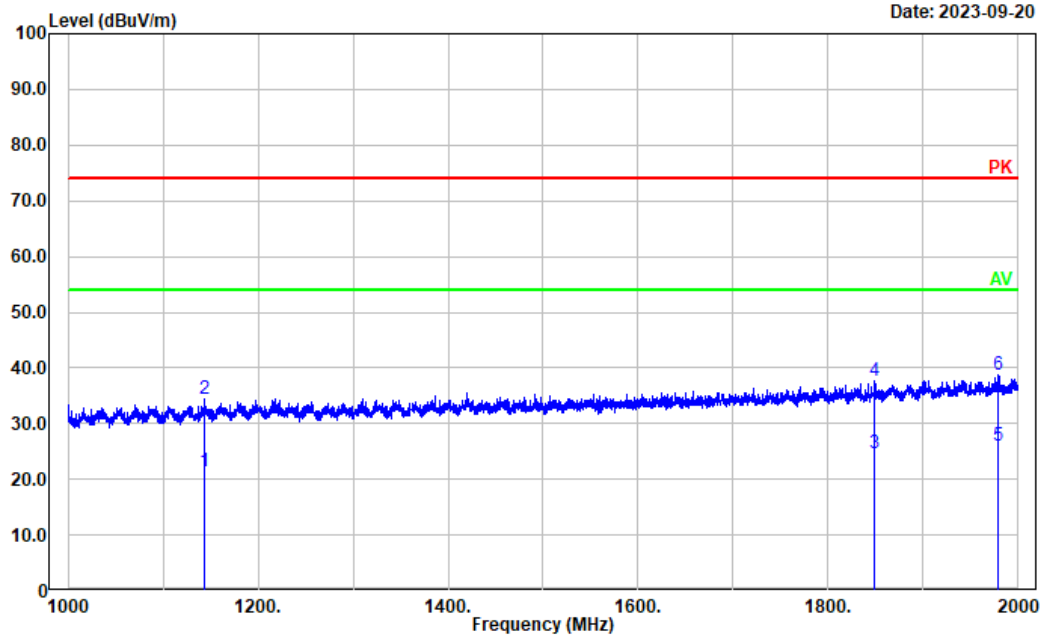


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1472.695           | 24.05             | -0.58            | 23.47              | 54.00             | 30.53          | Average  |
| 2   | 1472.695           | 36.61             | -0.58            | 36.03              | 74.00             | 37.97          | Peak     |
| 3   | 1880.576           | 22.83             | 1.74             | 24.57              | 54.00             | 29.43          | Average  |
| 4   | 1880.576           | 35.85             | 1.74             | 37.59              | 74.00             | 36.41          | Peak     |
| 5   | 1976.795           | 22.01             | 2.21             | 24.22              | 54.00             | 29.78          | Average  |
| 6   | 1976.795           | 35.70             | 2.21             | 37.91              | 74.00             | 36.09          | Peak     |

**400-480MHz:**

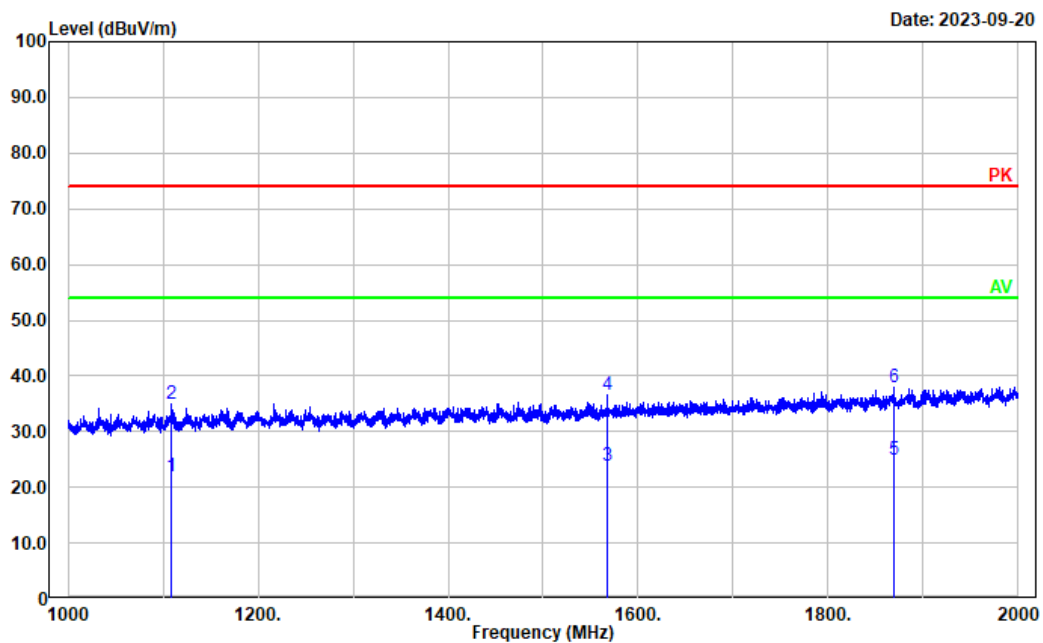
Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: horizontal  
Note:

Date: 2023-09-20



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1143.029           | 23.42             | -1.95            | 21.47              | 54.00             | 32.53          | Average  |
| 2   | 1143.029           | 36.33             | -1.95            | 34.38              | 74.00             | 39.62          | Peak     |
| 3   | 1848.570           | 23.06             | 1.52             | 24.58              | 54.00             | 29.42          | Average  |
| 4   | 1848.570           | 36.03             | 1.52             | 37.55              | 74.00             | 36.45          | Peak     |
| 5   | 1978.596           | 23.71             | 2.22             | 25.93              | 54.00             | 28.07          | Average  |
| 6   | 1978.596           | 36.63             | 2.22             | 38.85              | 74.00             | 35.15          | Peak     |

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: vertical  
Note:

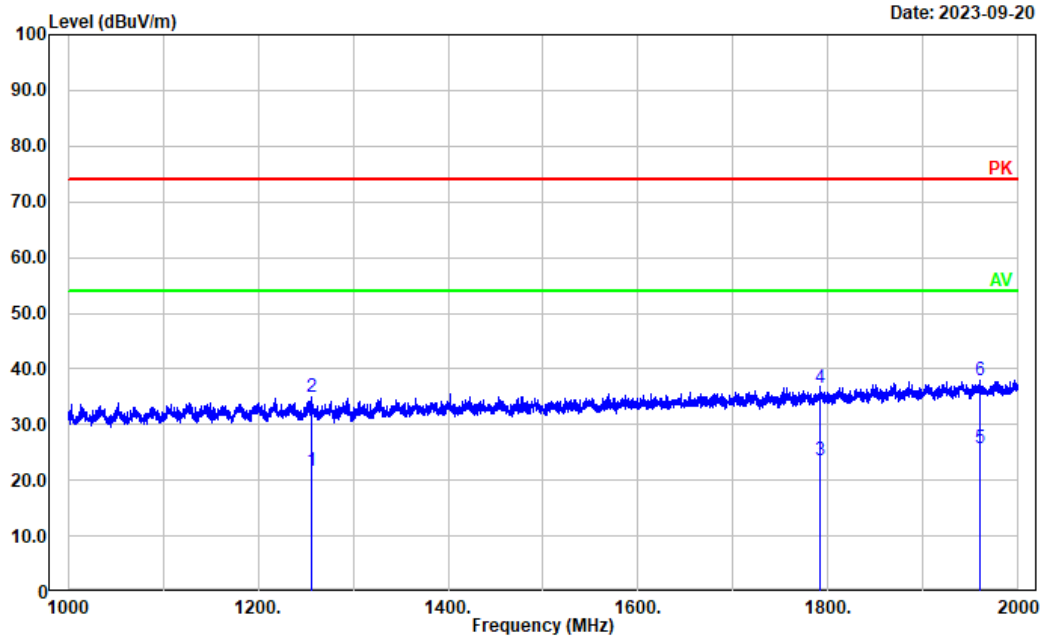


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1109.022           | 24.01             | -2.12            | 21.89              | 54.00             | 32.11          | Average  |
| 2   | 1109.022           | 37.03             | -2.12            | 34.91              | 74.00             | 39.09          | Peak     |
| 3   | 1567.313           | 23.87             | -0.01            | 23.86              | 54.00             | 30.14          | Average  |
| 4   | 1567.313           | 36.70             | -0.01            | 36.69              | 74.00             | 37.31          | Peak     |
| 5   | 1868.974           | 23.26             | 1.66             | 24.92              | 54.00             | 29.08          | Average  |
| 6   | 1868.974           | 36.29             | 1.66             | 37.95              | 74.00             | 36.05          | Peak     |

**M2:136-174MHz:**

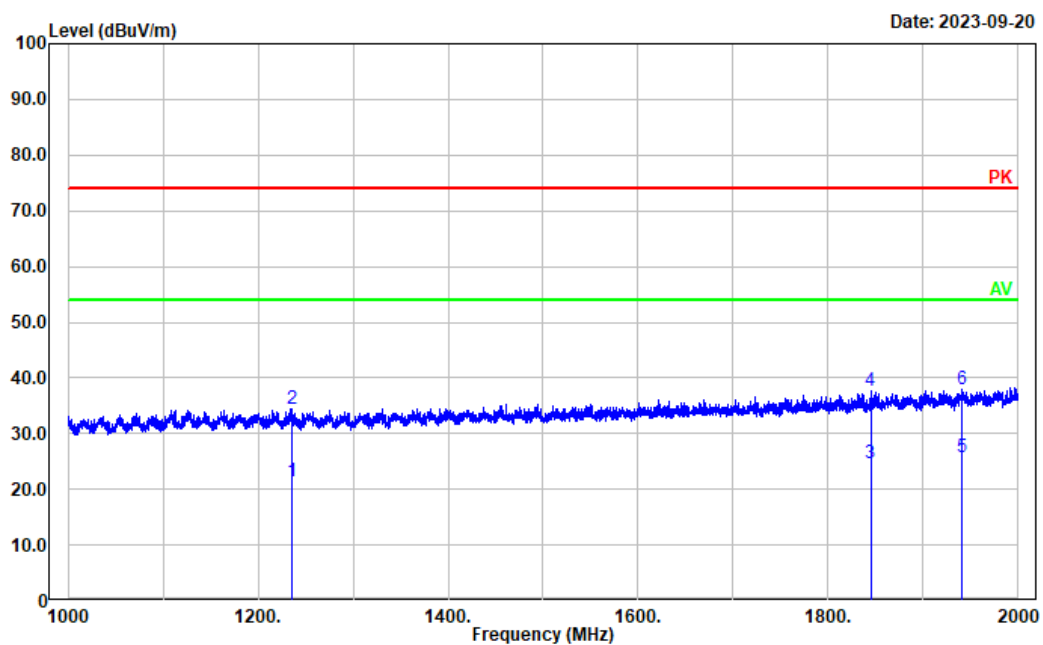
Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: horizontal  
Note:

Date: 2023-09-20



| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|-----------------|----------------|-------------|----------|
| 1   | 1256.851        | 23.28          | -1.70         | 21.58           | 54.00          | 32.42       | Average  |
| 2   | 1256.851        | 36.53          | -1.70         | 34.83           | 74.00          | 39.17       | Peak     |
| 3   | 1791.158        | 22.44          | 1.24          | 23.68           | 54.00          | 30.32       | Average  |
| 4   | 1791.158        | 35.48          | 1.24          | 36.72           | 74.00          | 37.28       | Peak     |
| 5   | 1959.992        | 23.61          | 2.13          | 25.74           | 54.00          | 28.26       | Average  |
| 6   | 1959.992        | 35.91          | 2.13          | 38.04           | 74.00          | 35.96       | Peak     |

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: vertical  
Note:

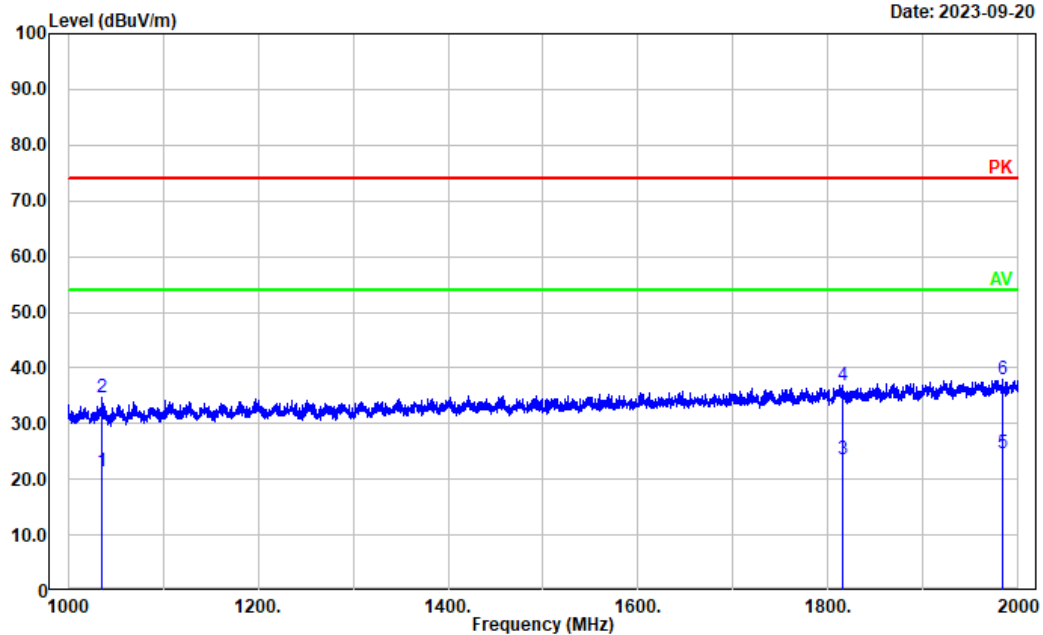


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1235.647           | 23.21             | -1.69            | 21.52              | 54.00             | 32.48          | Average  |
| 2   | 1235.647           | 36.17             | -1.69            | 34.48              | 74.00             | 39.52          | Peak     |
| 3   | 1844.569           | 23.12             | 1.50             | 24.62              | 54.00             | 29.38          | Average  |
| 4   | 1844.569           | 36.19             | 1.50             | 37.69              | 74.00             | 36.31          | Peak     |
| 5   | 1940.988           | 23.59             | 2.04             | 25.63              | 54.00             | 28.37          | Average  |
| 6   | 1940.988           | 36.02             | 2.04             | 38.06              | 74.00             | 35.94          | Peak     |

**400-480MHz:**

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: horizontal  
Note:

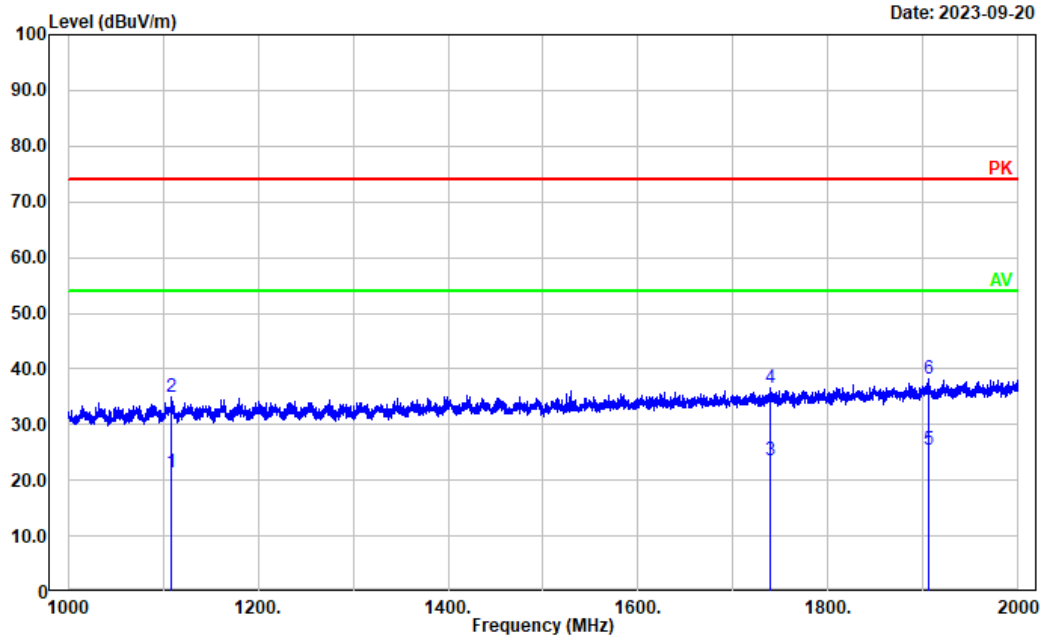
Date: 2023-09-20



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1035.007           | 23.98             | -2.53            | 21.45              | 54.00             | 32.55          | Average  |
| 2   | 1035.007           | 37.19             | -2.53            | 34.66              | 74.00             | 39.34          | Peak     |
| 3   | 1815.563           | 22.18             | 1.37             | 23.55              | 54.00             | 30.45          | Average  |
| 4   | 1815.563           | 35.40             | 1.37             | 36.77              | 74.00             | 37.23          | Peak     |
| 5   | 1983.197           | 22.44             | 2.25             | 24.69              | 54.00             | 29.31          | Average  |
| 6   | 1983.197           | 35.65             | 2.25             | 37.90              | 74.00             | 36.10          | Peak     |

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: vertical  
Note:

Date: 2023-09-20

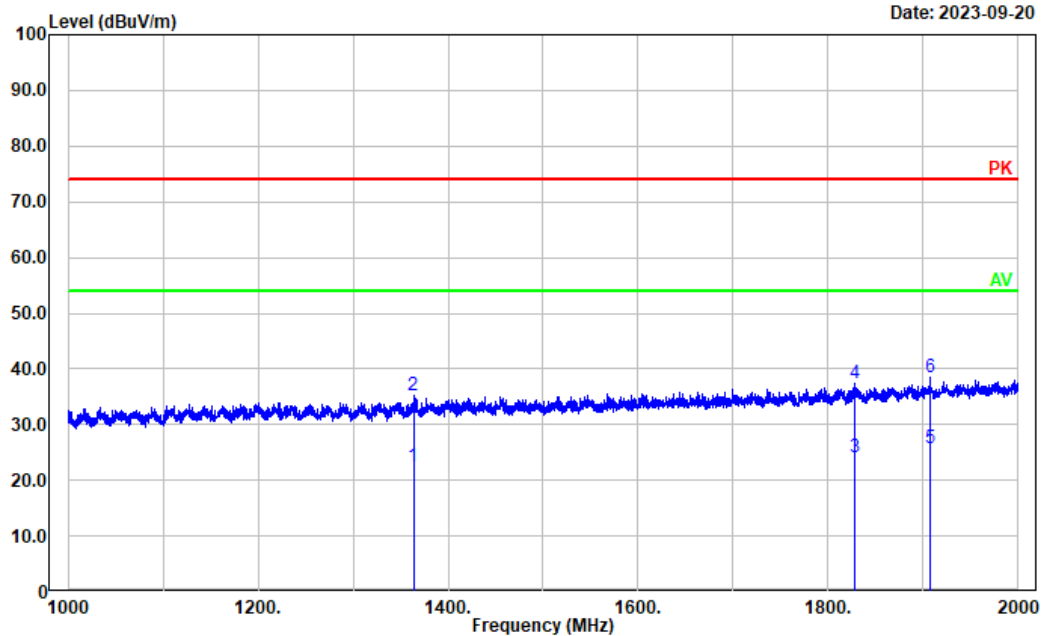


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1109.222           | 23.50             | -2.11            | 21.39              | 54.00             | 32.61          | Average  |
| 2   | 1109.222           | 36.96             | -2.11            | 34.85              | 74.00             | 39.15          | Peak     |
| 3   | 1738.348           | 22.66             | 0.91             | 23.57              | 54.00             | 30.43          | Average  |
| 4   | 1738.348           | 35.68             | 0.91             | 36.59              | 74.00             | 37.41          | Peak     |
| 5   | 1905.981           | 23.64             | 1.91             | 25.55              | 54.00             | 28.45          | Average  |
| 6   | 1905.981           | 36.34             | 1.91             | 38.25              | 74.00             | 35.75          | Peak     |

**M3:136.0125MHz:**

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: horizontal  
Note:

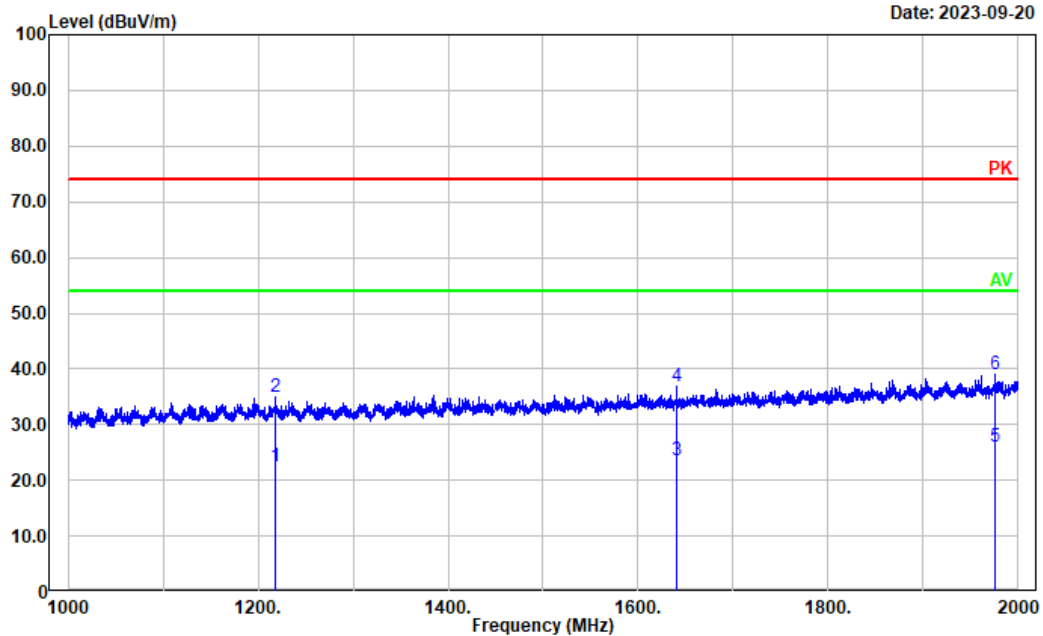
Date: 2023-09-20



| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|-----------------|----------------|-------------|----------|
| 1   | 1363.473        | 23.71          | -1.13         | 22.58           | 54.00          | 31.42       | Average  |
| 2   | 1363.473        | 36.26          | -1.13         | 35.13           | 74.00          | 38.87       | Peak     |
| 3   | 1827.165        | 22.74          | 1.43          | 24.17           | 54.00          | 29.83       | Average  |
| 4   | 1827.165        | 35.84          | 1.43          | 37.27           | 74.00          | 36.73       | Peak     |
| 5   | 1906.581        | 23.78          | 1.91          | 25.69           | 54.00          | 28.31       | Average  |
| 6   | 1906.581        | 36.45          | 1.91          | 38.36           | 74.00          | 35.64       | Peak     |

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: vertical  
Note:

Date: 2023-09-20

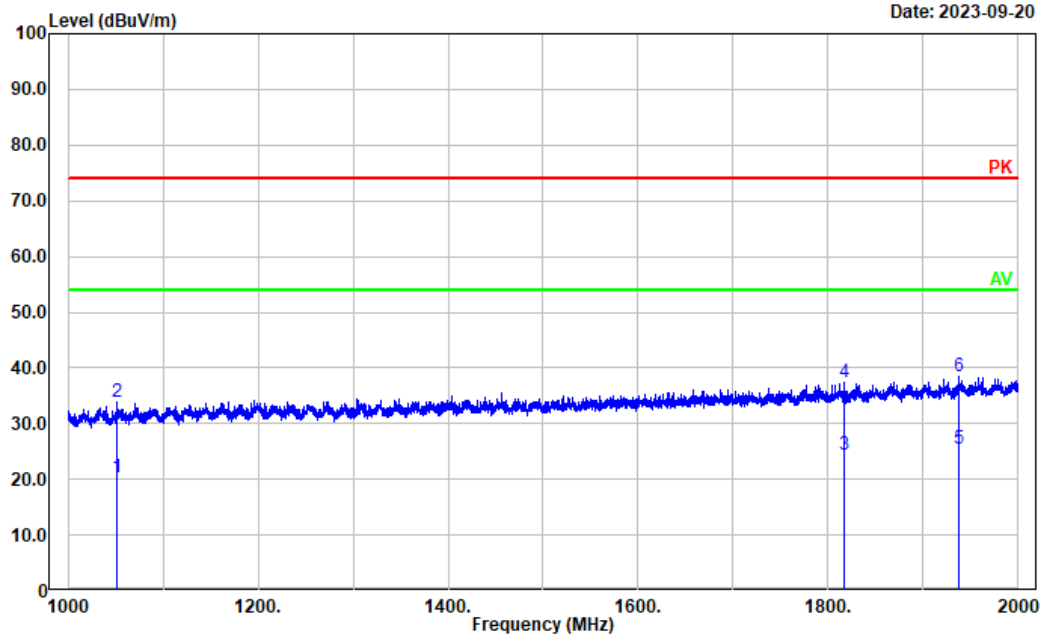


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1218.044           | 24.28             | -1.70            | 22.58              | 54.00             | 31.42          | Average  |
| 2   | 1218.044           | 36.77             | -1.70            | 35.07              | 74.00             | 38.93          | Peak     |
| 3   | 1640.328           | 23.24             | 0.42             | 23.66              | 54.00             | 30.34          | Average  |
| 4   | 1640.328           | 36.34             | 0.42             | 36.76              | 74.00             | 37.24          | Peak     |
| 5   | 1974.995           | 23.70             | 2.19             | 25.89              | 54.00             | 28.11          | Average  |
| 6   | 1974.995           | 36.74             | 2.19             | 38.93              | 74.00             | 35.07          | Peak     |

## 155MHz:

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: horizontal  
Note:

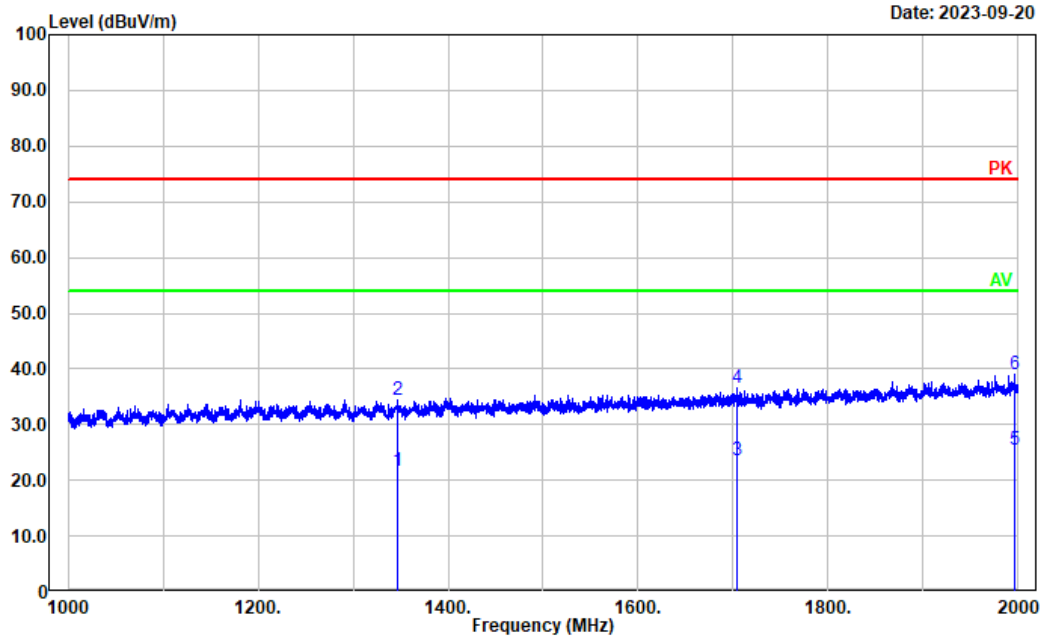
Date: 2023-09-20



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1051.610           | 22.65             | -2.43            | 20.22              | 54.00             | 33.78          | Average  |
| 2   | 1051.610           | 36.36             | -2.43            | 33.93              | 74.00             | 40.07          | Peak     |
| 3   | 1816.963           | 22.92             | 1.36             | 24.28              | 54.00             | 29.72          | Average  |
| 4   | 1816.963           | 36.12             | 1.36             | 37.48              | 74.00             | 36.52          | Peak     |
| 5   | 1937.588           | 23.36             | 2.03             | 25.39              | 54.00             | 28.61          | Average  |
| 6   | 1937.588           | 36.40             | 2.03             | 38.43              | 74.00             | 35.57          | Peak     |

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: vertical  
Note:

Date: 2023-09-20

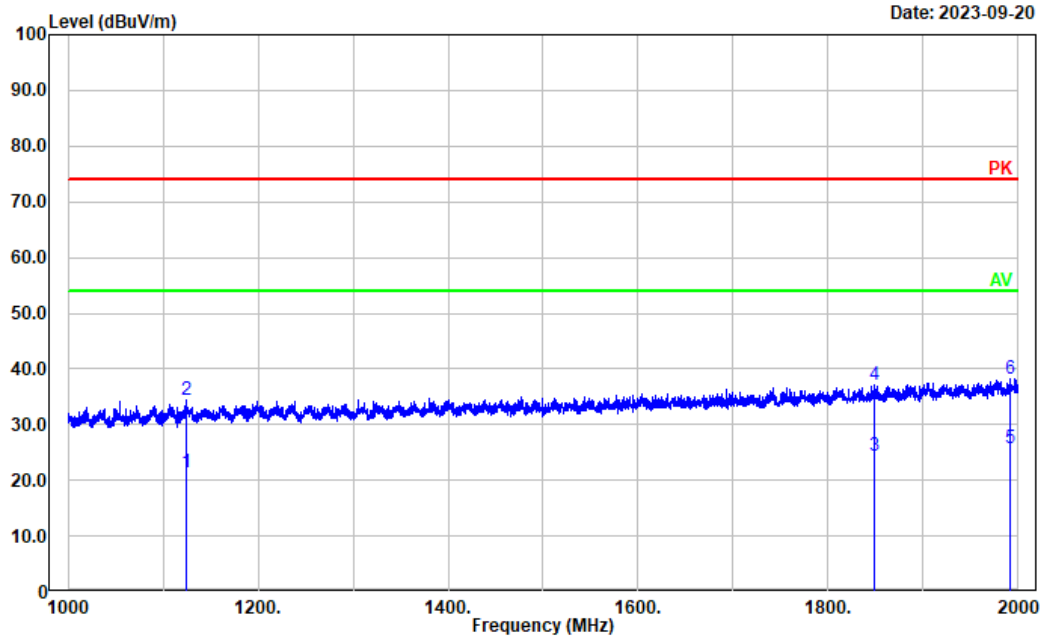


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1346.269           | 22.82             | -1.25            | 21.57              | 54.00             | 32.43          | Average  |
| 2   | 1346.269           | 35.71             | -1.25            | 34.46              | 74.00             | 39.54          | Peak     |
| 3   | 1704.141           | 22.94             | 0.74             | 23.68              | 54.00             | 30.32          | Average  |
| 4   | 1704.141           | 35.79             | 0.74             | 36.53              | 74.00             | 37.47          | Peak     |
| 5   | 1995.999           | 23.17             | 2.30             | 25.47              | 54.00             | 28.53          | Average  |
| 6   | 1995.999           | 36.60             | 2.30             | 38.90              | 74.00             | 35.10          | Peak     |

**173.9875MHz:**

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: horizontal  
Note:

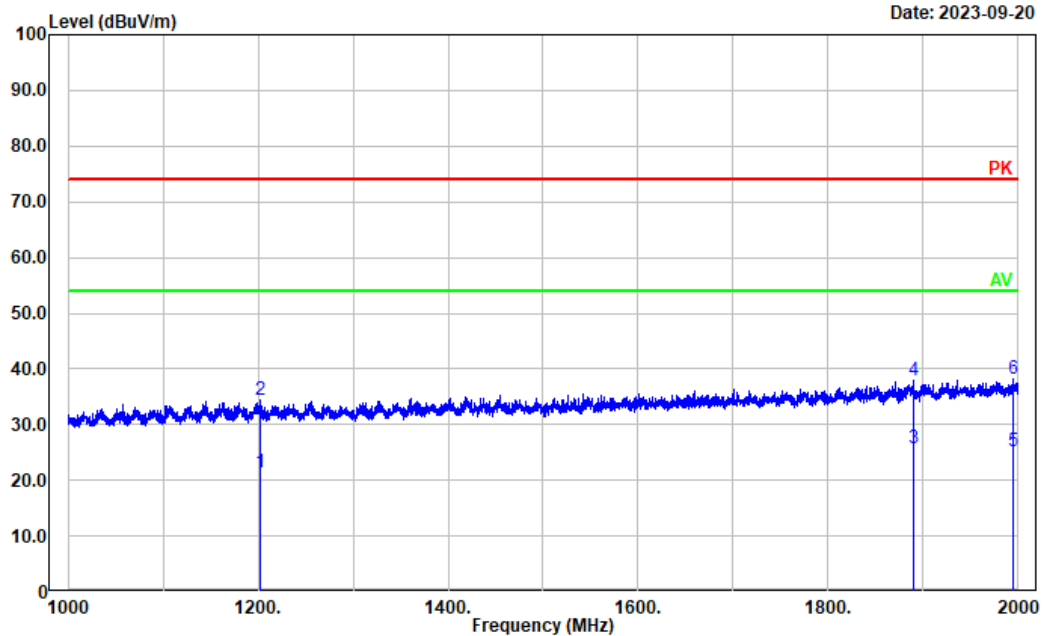
Date: 2023-09-20



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1124.425           | 23.33             | -2.05            | 21.28              | 54.00             | 32.72          | Average  |
| 2   | 1124.425           | 36.58             | -2.05            | 34.53              | 74.00             | 39.47          | Peak     |
| 3   | 1848.970           | 22.81             | 1.52             | 24.33              | 54.00             | 29.67          | Average  |
| 4   | 1848.970           | 35.48             | 1.52             | 37.00              | 74.00             | 37.00          | Peak     |
| 5   | 1992.198           | 23.41             | 2.28             | 25.69              | 54.00             | 28.31          | Average  |
| 6   | 1992.198           | 35.98             | 2.28             | 38.26              | 74.00             | 35.74          | Peak     |

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: vertical  
Note:

Date: 2023-09-20

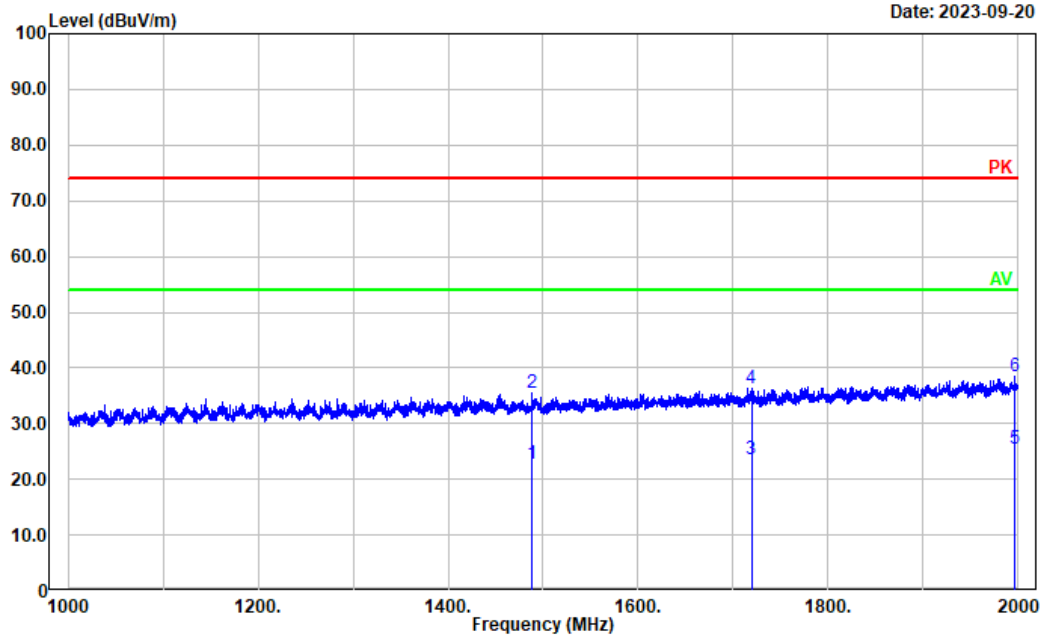


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1202.841           | 23.15             | -1.71            | 21.44              | 54.00             | 32.56          | Average  |
| 2   | 1202.841           | 36.04             | -1.71            | 34.33              | 74.00             | 39.67          | Peak     |
| 3   | 1890.378           | 23.82             | 1.81             | 25.63              | 54.00             | 28.37          | Average  |
| 4   | 1890.378           | 36.19             | 1.81             | 38.00              | 74.00             | 36.00          | Peak     |
| 5   | 1994.399           | 23.03             | 2.29             | 25.32              | 54.00             | 28.68          | Average  |
| 6   | 1994.399           | 35.80             | 2.29             | 38.09              | 74.00             | 35.91          | Peak     |

**400.0125MHz:**

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: horizontal  
Note:

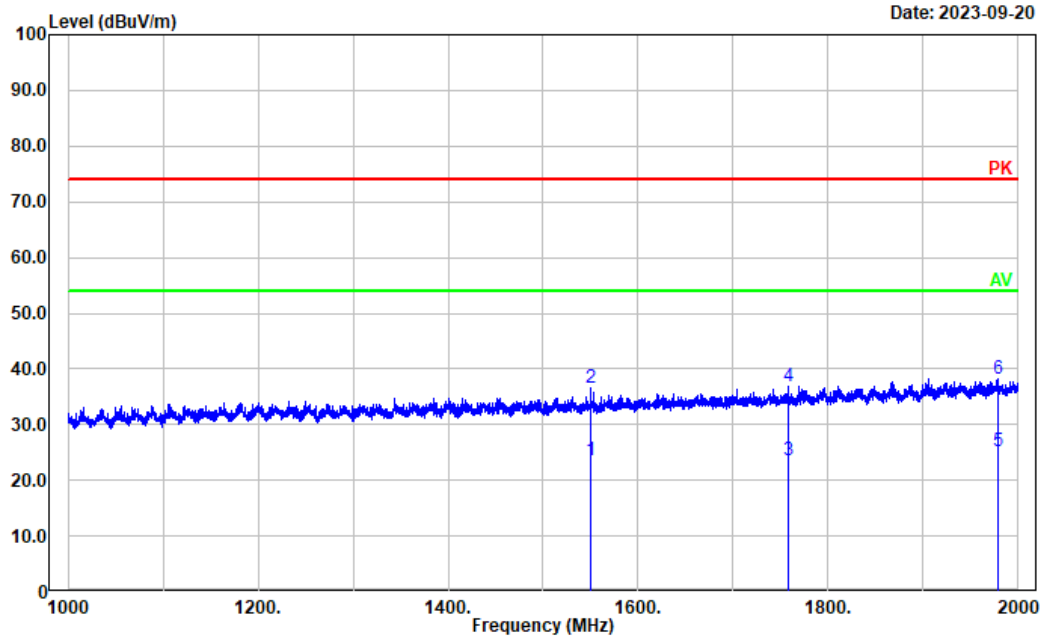
Date: 2023-09-20



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1487.698           | 23.34             | -0.52            | 22.82              | 54.00             | 31.18          | Average  |
| 2   | 1487.698           | 36.03             | -0.52            | 35.51              | 74.00             | 38.49          | Peak     |
| 3   | 1719.144           | 22.81             | 0.83             | 23.64              | 54.00             | 30.36          | Average  |
| 4   | 1719.144           | 35.61             | 0.83             | 36.44              | 74.00             | 37.56          | Peak     |
| 5   | 1996.199           | 23.22             | 2.30             | 25.52              | 54.00             | 28.48          | Average  |
| 6   | 1996.199           | 36.25             | 2.30             | 38.55              | 74.00             | 35.45          | Peak     |

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: vertical  
Note:

Date: 2023-09-20

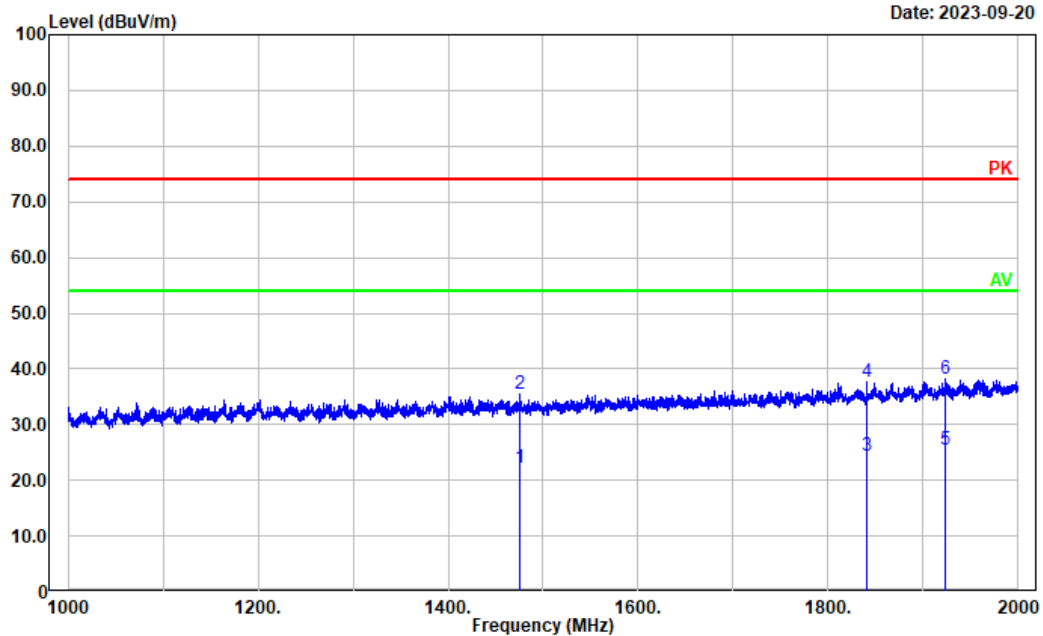


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1550.110           | 23.72             | -0.14            | 23.58              | 54.00             | 30.42          | Average  |
| 2   | 1550.110           | 36.69             | -0.14            | 36.55              | 74.00             | 37.45          | Peak     |
| 3   | 1757.752           | 22.64             | 1.02             | 23.66              | 54.00             | 30.34          | Average  |
| 4   | 1757.752           | 35.97             | 1.02             | 36.99              | 74.00             | 37.01          | Peak     |
| 5   | 1977.996           | 22.98             | 2.22             | 25.20              | 54.00             | 28.80          | Average  |
| 6   | 1977.996           | 36.06             | 2.22             | 38.28              | 74.00             | 35.72          | Peak     |

**440MHz:**

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: horizontal  
Note:

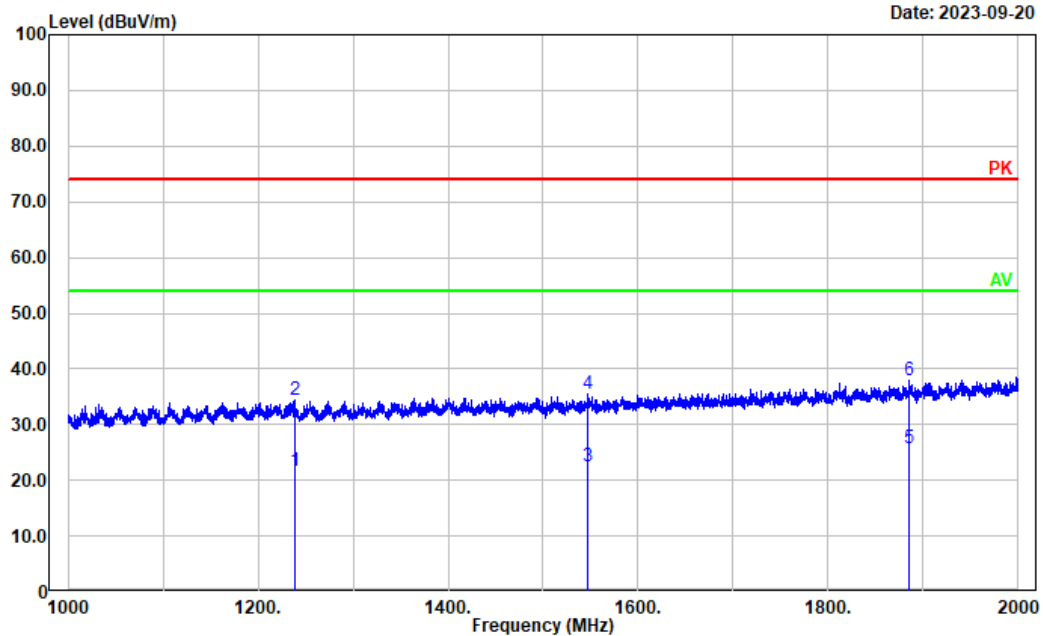
Date: 2023-09-20



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1475.095           | 22.77             | -0.57            | 22.20              | 54.00             | 31.80          | Average  |
| 2   | 1475.095           | 36.13             | -0.57            | 35.56              | 74.00             | 38.44          | Peak     |
| 3   | 1840.968           | 22.83             | 1.48             | 24.31              | 54.00             | 29.69          | Average  |
| 4   | 1840.968           | 36.18             | 1.48             | 37.66              | 74.00             | 36.34          | Peak     |
| 5   | 1922.985           | 23.47             | 1.97             | 25.44              | 54.00             | 28.56          | Average  |
| 6   | 1922.985           | 36.19             | 1.97             | 38.16              | 74.00             | 35.84          | Peak     |

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: vertical  
Note:

Date: 2023-09-20

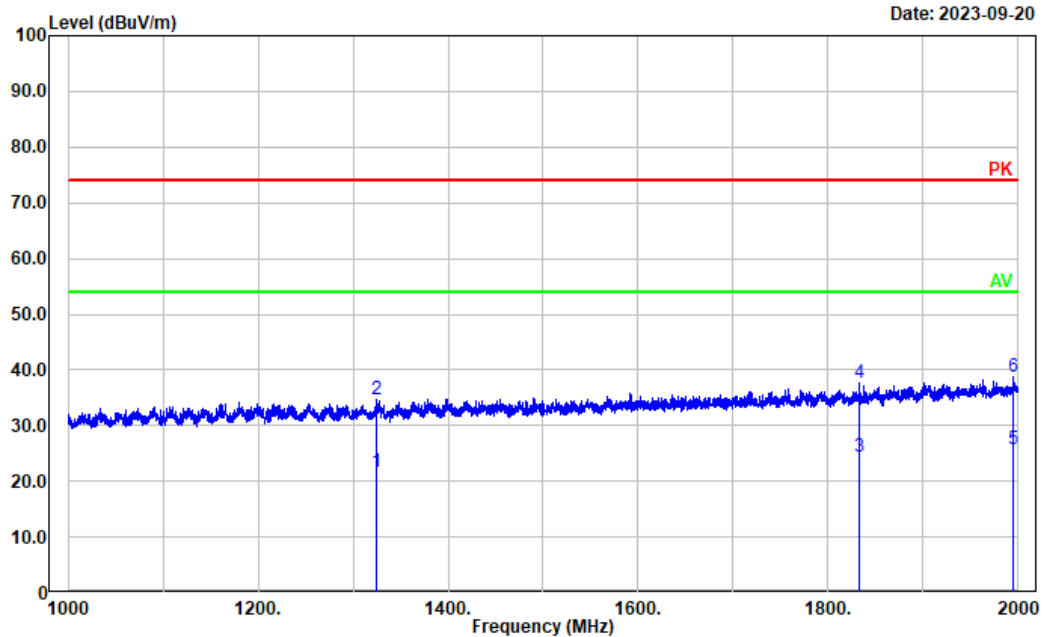


| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|-----------------|----------------|-------------|----------|
| 1   | 1238.648        | 23.28          | -1.70         | 21.58           | 54.00          | 32.42       | Average  |
| 2   | 1238.648        | 36.12          | -1.70         | 34.42           | 74.00          | 39.58       | Peak     |
| 3   | 1547.510        | 22.61          | -0.16         | 22.45           | 54.00          | 31.55       | Average  |
| 4   | 1547.510        | 35.76          | -0.16         | 35.60           | 74.00          | 38.40       | Peak     |
| 5   | 1884.777        | 23.88          | 1.77          | 25.65           | 54.00          | 28.35       | Average  |
| 6   | 1884.777        | 36.26          | 1.77          | 38.03           | 74.00          | 35.97       | Peak     |

**479.9875MHz:**

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: horizontal  
Note:

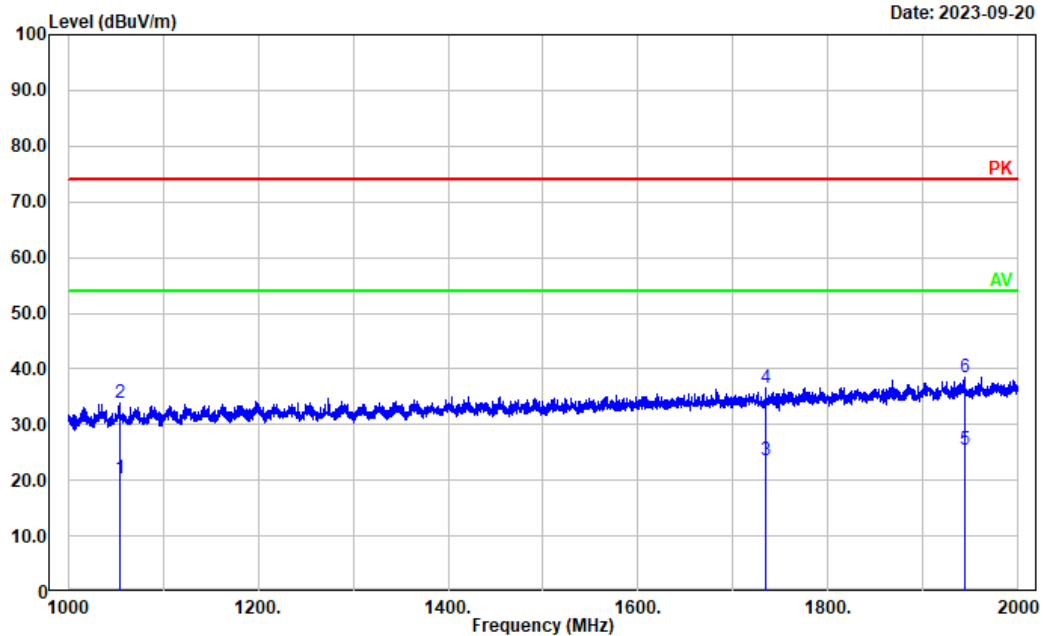
Date: 2023-09-20



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1325.065           | 23.26             | -1.47            | 21.79              | 54.00             | 32.21          | Average  |
| 2   | 1325.065           | 36.28             | -1.47            | 34.81              | 74.00             | 39.19          | Peak     |
| 3   | 1833.167           | 22.86             | 1.46             | 24.32              | 54.00             | 29.68          | Average  |
| 4   | 1833.167           | 36.12             | 1.46             | 37.58              | 74.00             | 36.42          | Peak     |
| 5   | 1994.399           | 23.39             | 2.29             | 25.68              | 54.00             | 28.32          | Average  |
| 6   | 1994.399           | 36.36             | 2.29             | 38.65              | 74.00             | 35.35          | Peak     |

Project No.: CR230953150-RF  
Tester: Tao Zhu  
Polarization: vertical  
Note:

Date: 2023-09-20



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1054.611           | 22.86             | -2.42            | 20.44              | 54.00             | 33.56          | Average  |
| 2   | 1054.611           | 36.39             | -2.42            | 33.97              | 74.00             | 40.03          | Peak     |
| 3   | 1733.747           | 22.62             | 0.90             | 23.52              | 54.00             | 30.48          | Average  |
| 4   | 1733.747           | 35.80             | 0.90             | 36.70              | 74.00             | 37.30          | Peak     |
| 5   | 1943.989           | 23.35             | 2.06             | 25.41              | 54.00             | 28.59          | Average  |
| 6   | 1943.989           | 36.55             | 2.06             | 38.61              | 74.00             | 35.39          | Peak     |

### 4.3 Antenna Power Conduction Limits for Receivers

|                |              |              |                     |
|----------------|--------------|--------------|---------------------|
| Serial Number: | 2B4F-1       | Test Date:   | 2023/10/24          |
| Test Site:     | RF           | Test Mode:   | Scanning, Receiving |
| Tester:        | Morpheus Shi | Test Result: | Pass                |

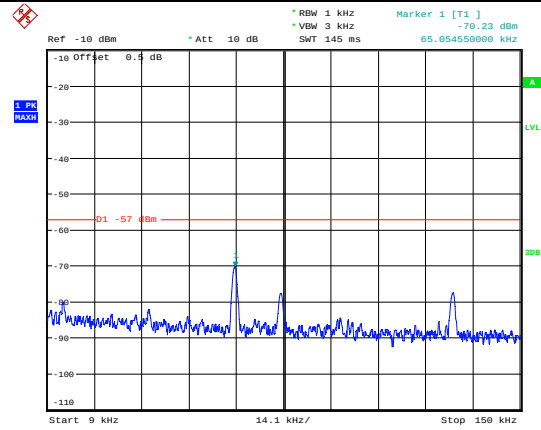
**Environmental Conditions:**

|                      |      |                              |    |                        |       |
|----------------------|------|------------------------------|----|------------------------|-------|
| Temperature:<br>(°C) | 25.1 | Relative<br>Humidity:<br>(%) | 60 | ATM Pressure:<br>(kPa) | 101.2 |
|----------------------|------|------------------------------|----|------------------------|-------|

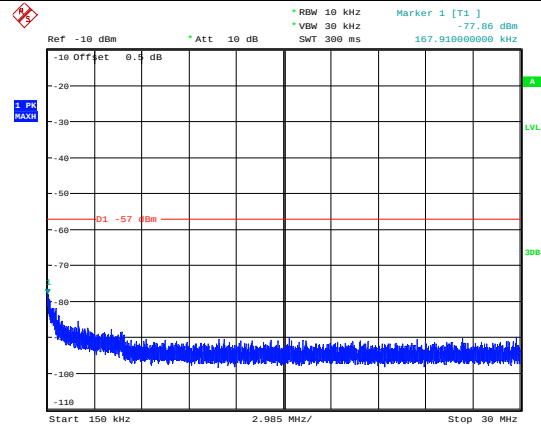
**Test Equipment List and Details:**

| Manufacturer  | Description       | Model     | Serial<br>Number | Calibration<br>Date | Calibration<br>Due Date |
|---------------|-------------------|-----------|------------------|---------------------|-------------------------|
| R&S           | Spectrum Analyzer | FSU26     | 200445           | 2023/3/31           | 2024/3/30               |
| Mini-Circuits | DC Block          | BLK-18-S+ | 1554403          | Each time           | N/A                     |
| zhuoxiang     | Coaxial Cable     | SMA-178   | 211001           | 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).*

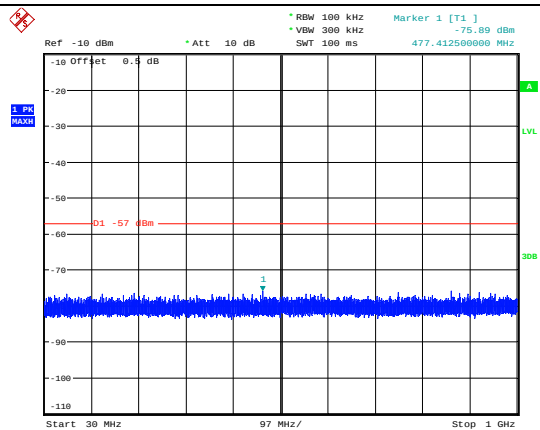
**Test Mode: M1****Scanning 136-174 MHz**

ProjectNo.: CR230953150-RF Tester: Morpheus Shi  
Date: 24.OCT.2023 00:01:00

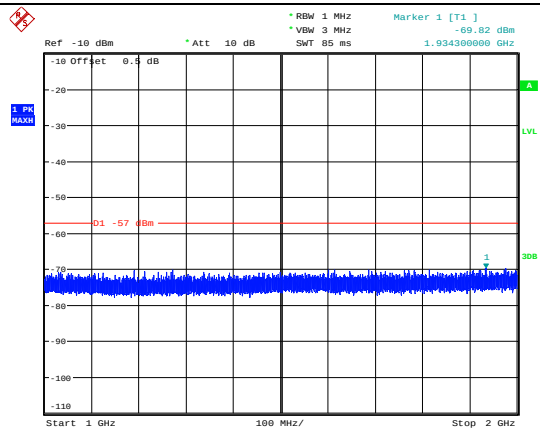


ProjectNo.: CR230953150-RF Tester: Morpheus Shi  
Date: 24.OCT.2023 00:14:08

## Scanning 136-174 MHz

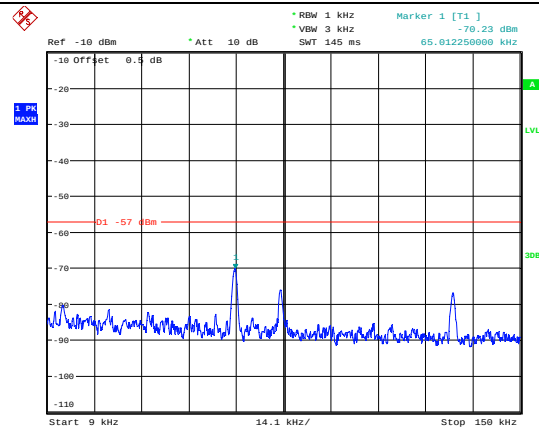


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:31:18

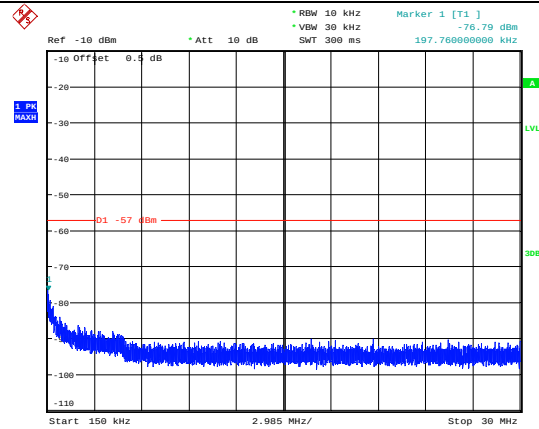


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:50:30

## Scanning 400-480 MHz

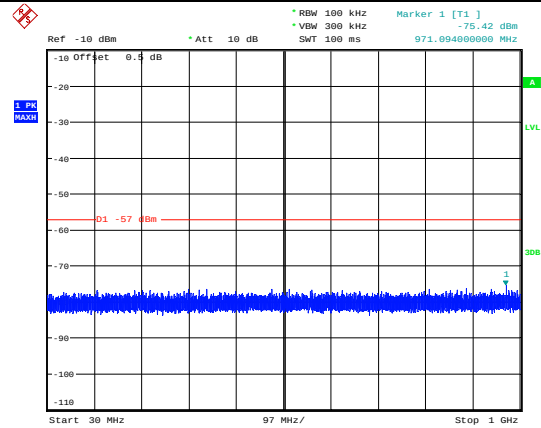


ProjectNo.: CR230953150-RF Tester: Morpheus Shi  
Date: 24.OCT.2023 00:01:38

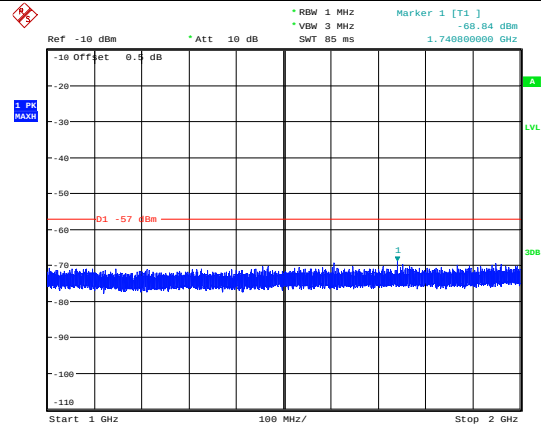


ProjectNo.: CR230953150-RF Tester: Morpheus Shi  
Date: 24.OCT.2023 00:15:12

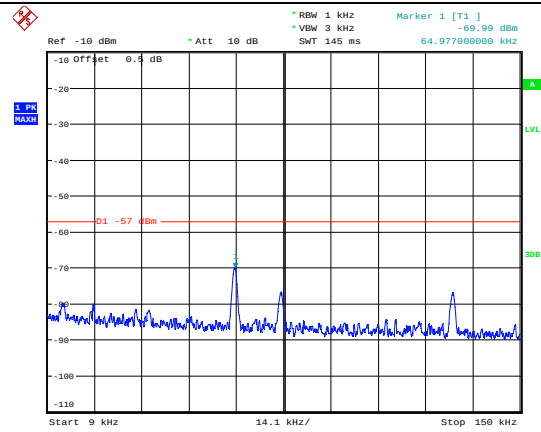
## Scanning 400-480 MHz



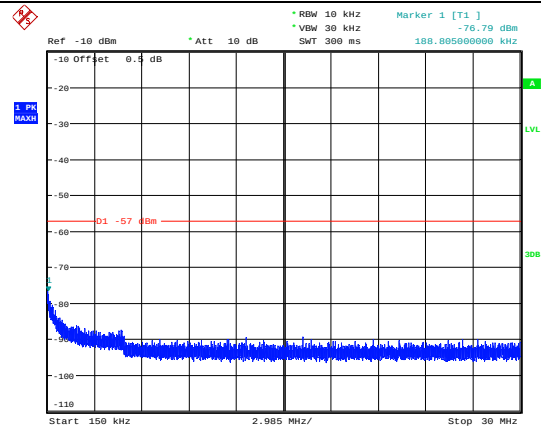
ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:32:16



ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:51:40

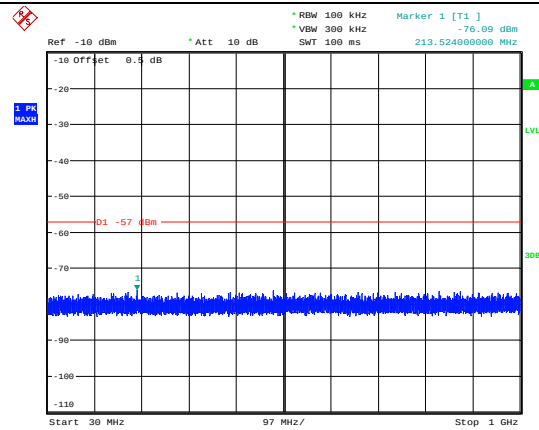
**Test Mode: M2****136-174 MHz**

ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:03:29

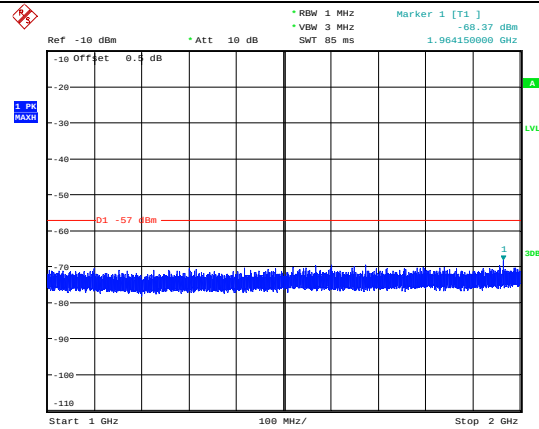


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:17:17

## 136-174 MHz

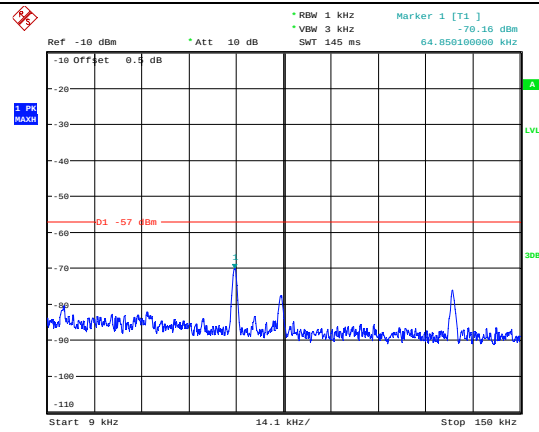


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:33:19

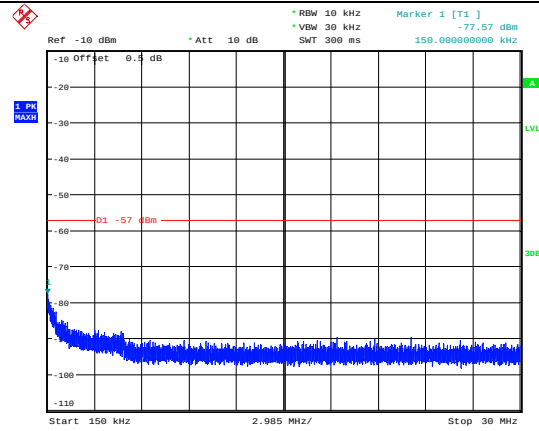


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:52:37

## 400-480 MHz

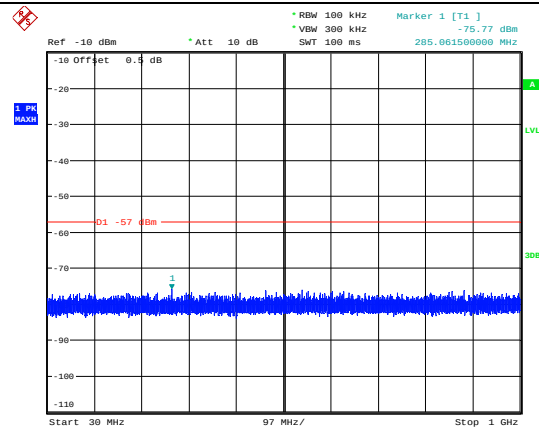


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:04:12

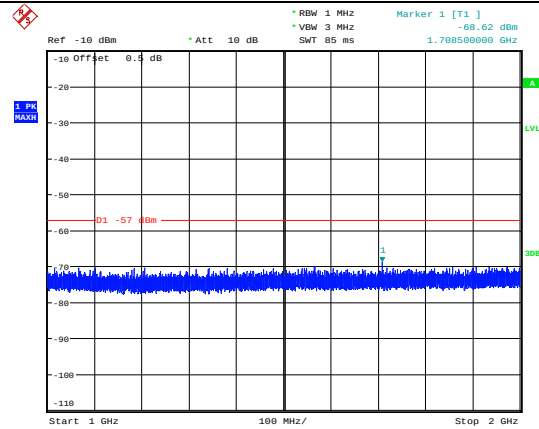


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:18:31

## 400-480 MHz



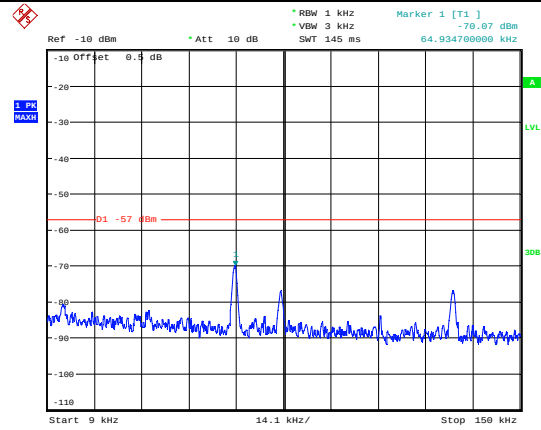
ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:34:33



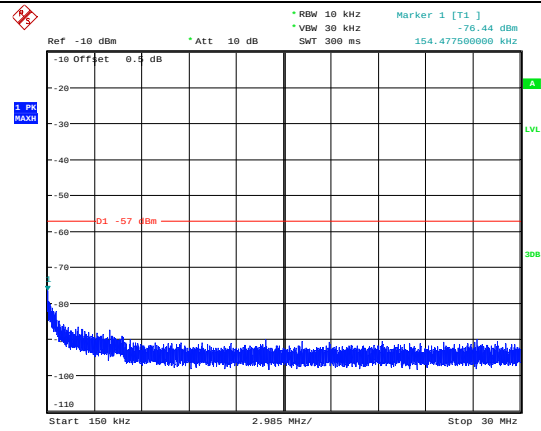
ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:53:28

**Test Mode: M3**

136.0125 MHz

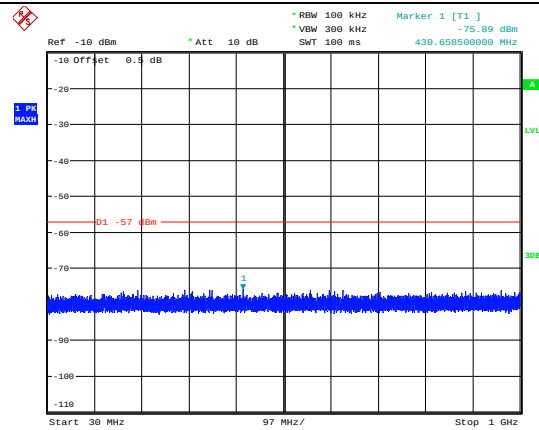


ProjectNo.: CR230953150-RF Tester: Morpheus Shi  
Date: 24.OCT.2023 00:04:53

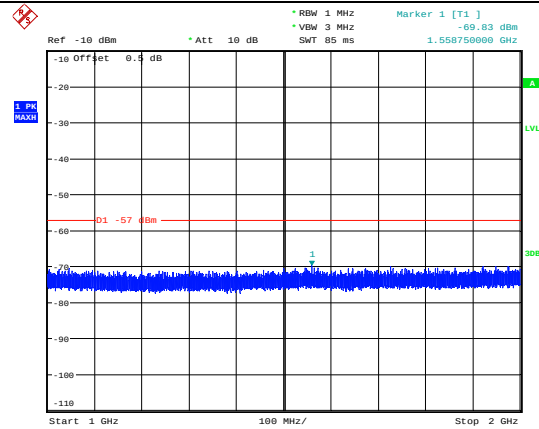


ProjectNo.: CR230953150-RF Tester: Morpheus Shi  
Date: 24.OCT.2023 00:19:36

## 136.0125 MHz

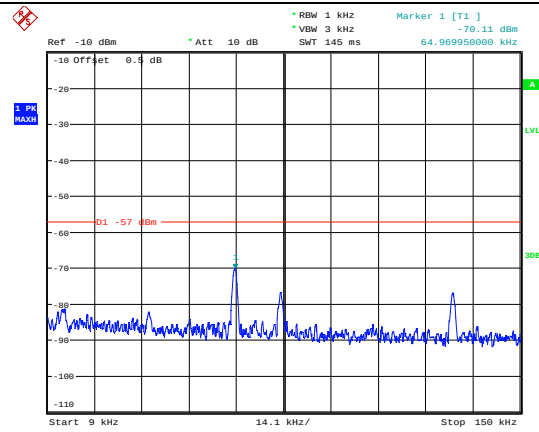


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:37:45

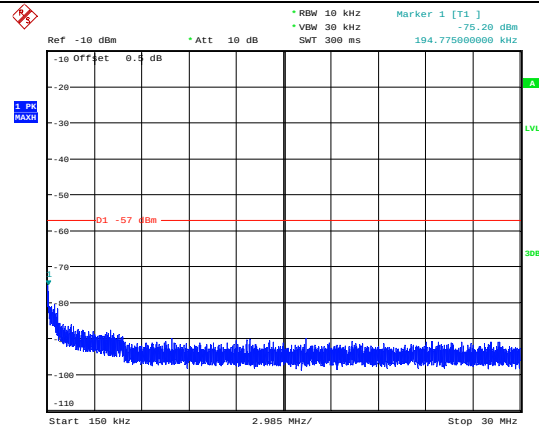


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:54:27

## 155 MHz

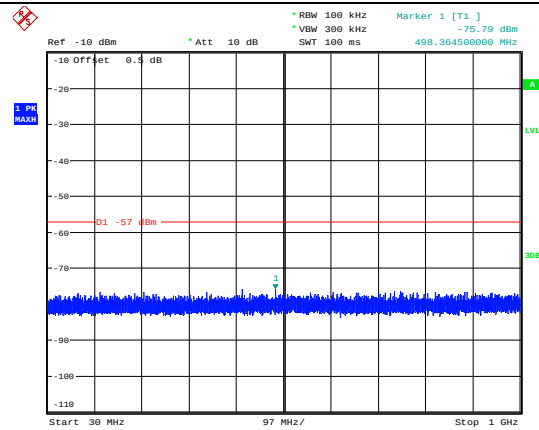


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:05:30

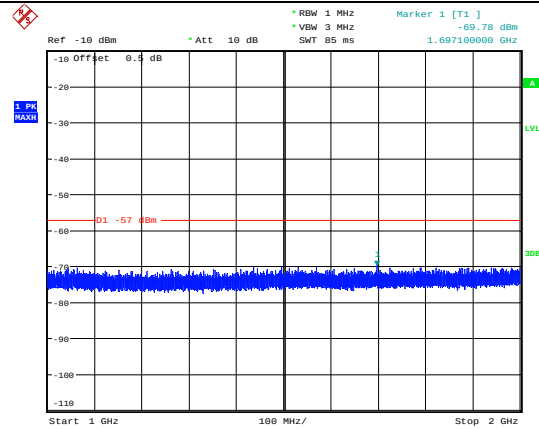


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:20:32

## 155 MHz

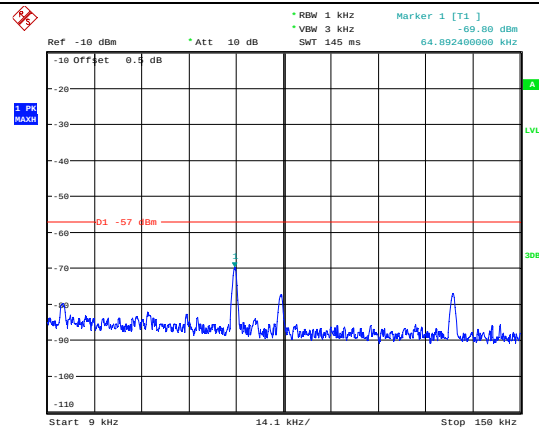


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:38:37

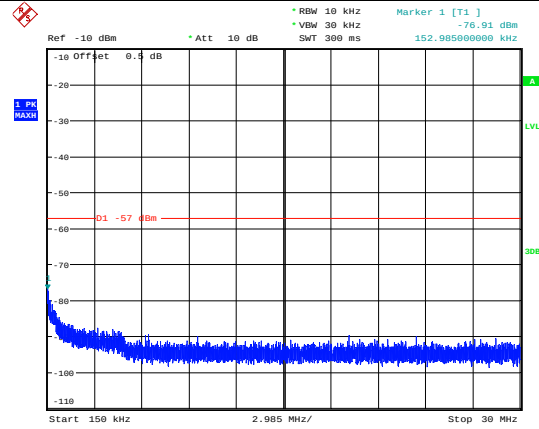


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:55:55

## 173.9875 MHz

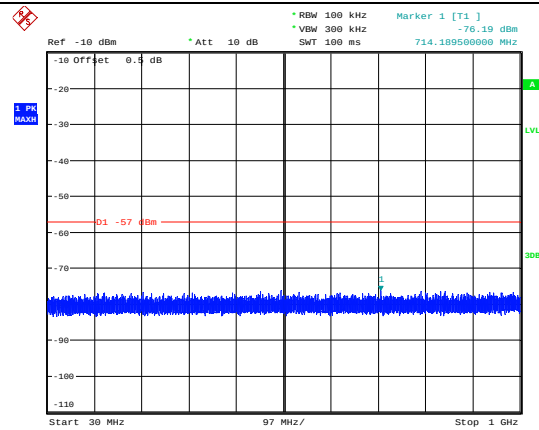


ProjectNo.: CR230953150-RF Tester: Morpheus Shi  
Date: 24.OCT.2023 00:06:17

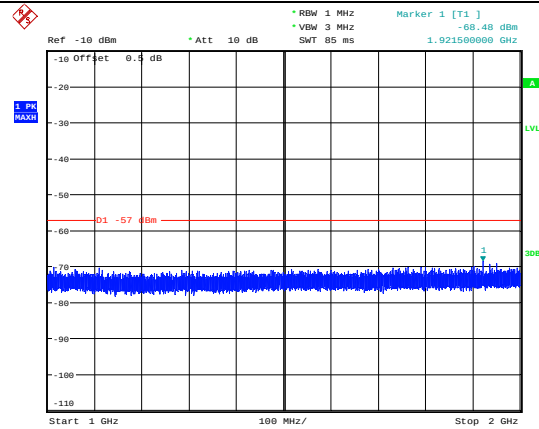


ProjectNo.: CR230953150-RF Tester: Morpheus Shi  
Date: 24.OCT.2023 00:21:33

## 173.9875 MHz

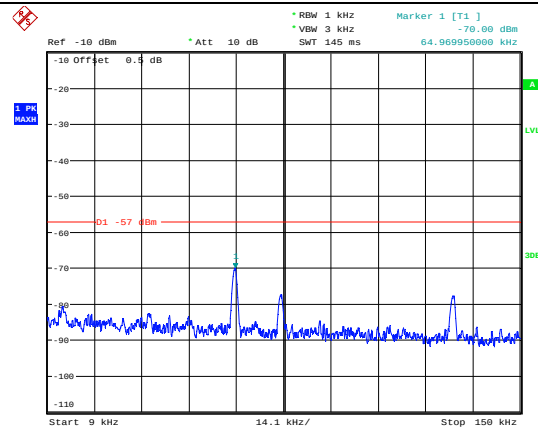


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:39:24

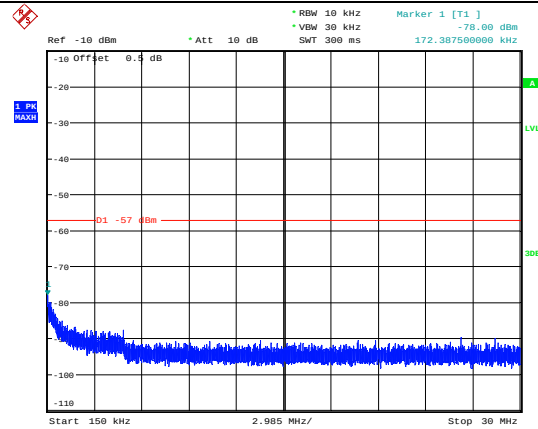


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:57:19

## 400.0125 MHz

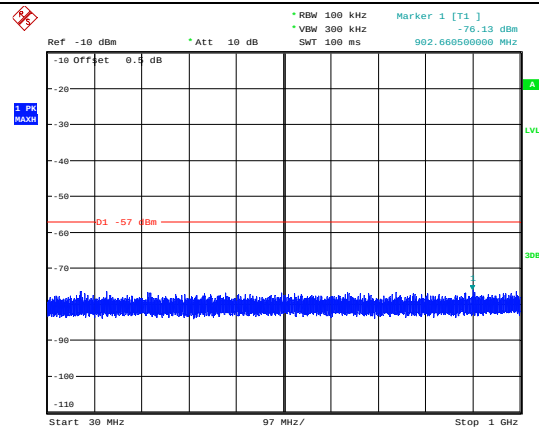


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:06:56

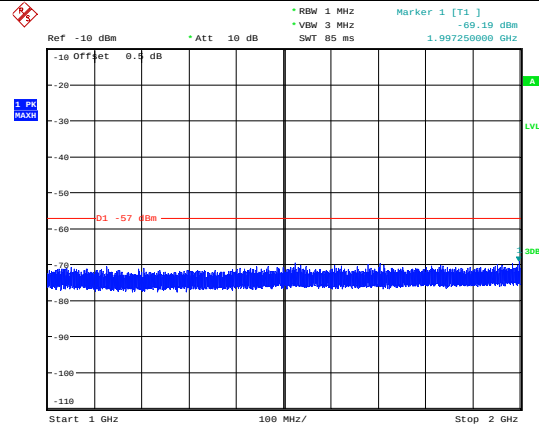


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:22:33

## 400.0125 MHz

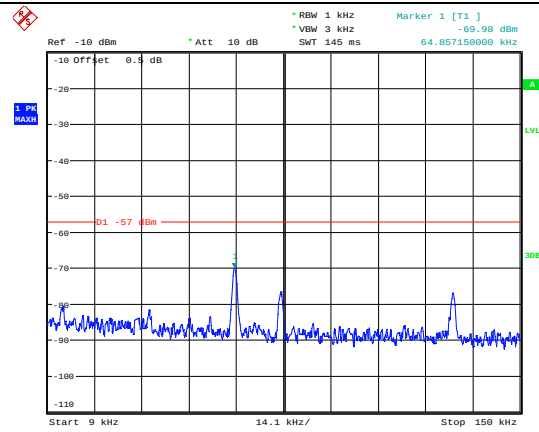


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:40:59

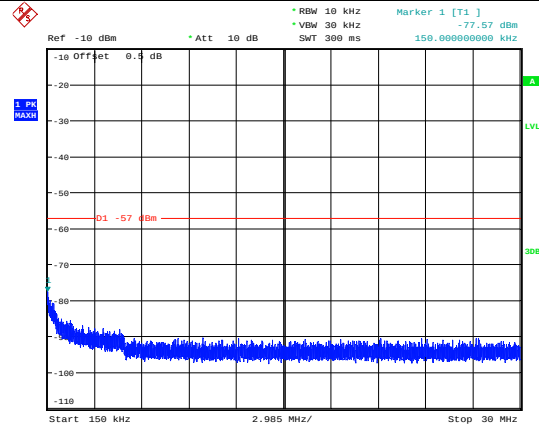


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:58:10

## 440 MHz

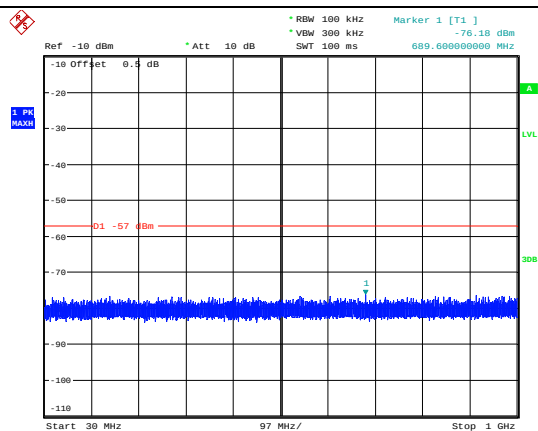


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:09:44

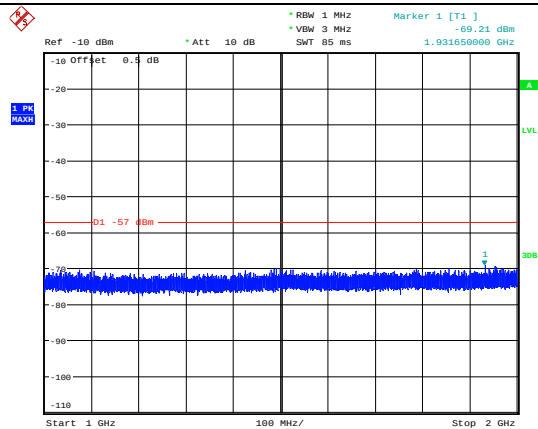


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:23:57

## 440 MHz

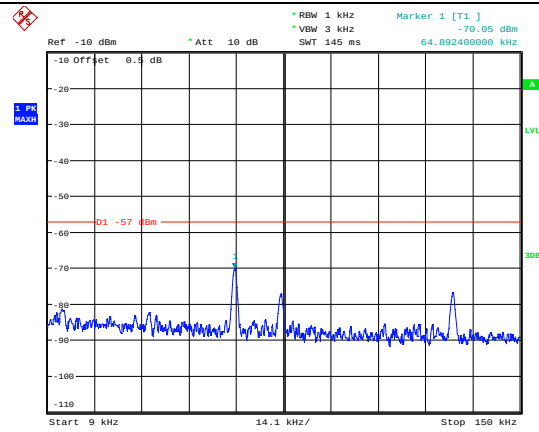


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:43:16

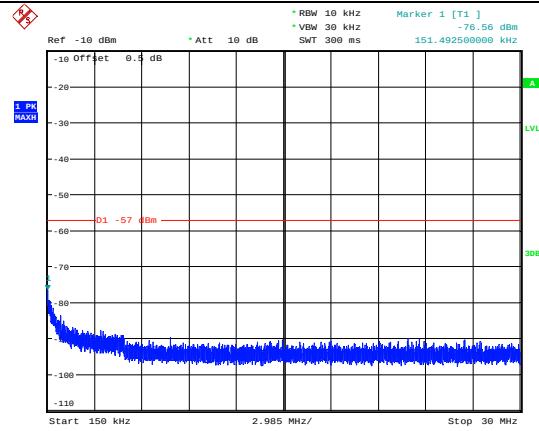


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:59:13

## 479.9875 MHz

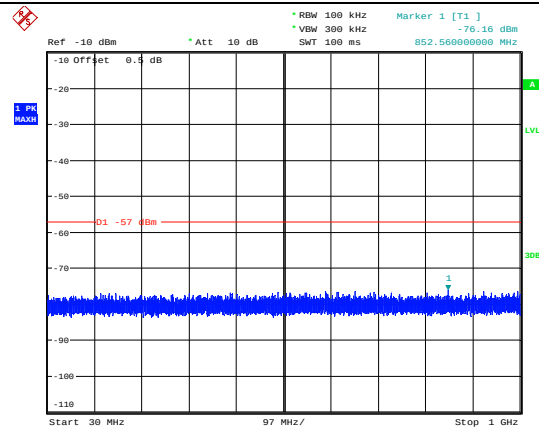


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:10:21

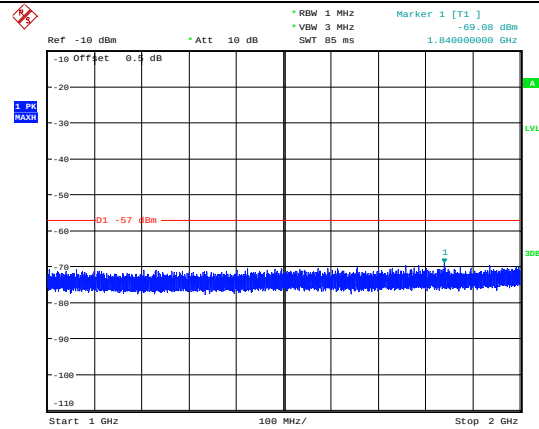


ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:25:13

479.9875 MHz



ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 00:44:01



ProjectNo.:CR230953150-RF Tester:Morpheus Shi  
Date: 24.OCT.2023 01:00:07

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

|                |              |              |            |
|----------------|--------------|--------------|------------|
| Serial Number: | 2B4F-1       | Test Date:   | 2023/10/24 |
| Test Site:     | RF           | Test Mode:   | Scanning   |
| Tester:        | Morpheus Shi | Test Result: | Pass       |

**Environmental Conditions:**

|                      |      |                              |    |                        |       |
|----------------------|------|------------------------------|----|------------------------|-------|
| Temperature:<br>(°C) | 25.1 | Relative<br>Humidity:<br>(%) | 60 | ATM Pressure:<br>(kPa) | 101.2 |
|----------------------|------|------------------------------|----|------------------------|-------|

**Test Equipment List and Details:**

| Manufacturer  | Description                 | Model        | Serial Number | Calibration Date | Calibration Due Date |
|---------------|-----------------------------|--------------|---------------|------------------|----------------------|
| zhuoxiang     | Coaxial Cable               | SMA-178      | 211001        | Each time        | N/A                  |
| YINSAIGE      | Coaxial Cable               | LMR300       | NJ0100001     | Each time        | N/A                  |
| YINSAIGE      | Coaxial Cable               | LMR300       | NJ0100002     | Each time        | N/A                  |
| Mini-Circuits | DC Block                    | BLK-18-S+    | 1554403       | Each time        | N/A                  |
| Agilent       | MXG Vector Signal Generator | N5182B       | MY51350144    | 2023/3/31        | 2024/3/30            |
| HP            | RF Communications Test Set  | 8920A        | 3438A05209    | 2023/3/31        | 2024/3/30            |
| Minl-Circuits | Power Splitter              | ZFRSC-183-S+ | S F448201619  | 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 (MHz) | Test Frequency (MHz)           | Measurement Result (dB) | Limit (dB) |
|--------------------------------|--------------------------------|-------------------------|------------|
| 136-174/400-480                | 824, 836, 849, 869, 881.5, 894 | 44                      | >38        |

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## **5. EUT PHOTOGRAPHS**

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Please refer to the attachment CR230953150-EXP EUT EXTERNAL PHOTOGRAPHS and  
CR230953150-INP EUT INTERNAL PHOTOGRAPHS

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## **6. TEST SETUP PHOTOGRAPHS**

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Please refer to the attachment CR230953150-00A-TSP TEST SETUP PHOTOGRAPHS.

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