



**中认信通**

CHINA CERTIFICATION ICT CO., LTD (DONGGUAN)



## TEST REPORT

**Applicant:** Grandstream Networks, Inc.

Address: 126 Brookline Ave., 3rd Floor Boston, MA 02215, USA

**FCC ID:** YZZGHP63X

**Product Name:** Compact Hotel Phone with Color LCD

**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:** CR231170784-00

**Date Of Issue:** 2024/1/18

**Reviewed By:** Calvin Chen

Title: RF Engineer

**Approved By:** Sun Zhong

Title: Manager

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

No. 113, Pingkang Road, Dalang Town, Dongguan,  
Guangdong, China  
Tel: +86-769-82016888

## Test Facility

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

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

## 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             | CR231170784-00 | Original Report         | 2024/1/18        |

## 1. GENERAL INFORMATION

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

|                                                                                                                                                                       |                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>EUT Name:</b>                                                                                                                                                      | Compact Hotel Phone with Color LCD     |
| <b>EUT Model:</b>                                                                                                                                                     | GHP631                                 |
| <b>Multiple Models:</b>                                                                                                                                               | GHP630                                 |
| <b>Highest Operation Frequency:</b>                                                                                                                                   | 1.3GHz                                 |
| <b>Rated Input Voltage:</b>                                                                                                                                           | DC 12V from adapter or DC 48V from POE |
| <b>Serial Number:</b>                                                                                                                                                 | 2EBO-1                                 |
| <b>EUT Received Date:</b>                                                                                                                                             | 2023/11/30                             |
| <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. |                                        |

### Accessory Information:

| Accessory Description | Manufacturer | Model |
|-----------------------|--------------|-------|
| No                    | No           | No    |

## 1.2 Description of Test Configuration

### 1.2.1 EUT Operation Condition:

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EUT Operation Mode:</b>      | The system was configured for testing in Typical Use Mode, which was provided by the manufacturer.<br>Test Mode:<br>M1: Taking& USB Type-C Port Discharge<br>M2: Hands-free calls& USB Type-C Port Discharge<br>M3: Ring& USB Type-C Port Discharge<br>M4: POE Power Supply& Taking& USB Type-C Port Discharge<br>M5: POE Power Supply& Hands-free calls& USB Type-C Port Discharge<br>M6: POE Power Supply& Ring& USB Type-C Port Discharge |
| <b>Equipment Modifications:</b> | No                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>EUT Exercise Software:</b>   | No                                                                                                                                                                                                                                                                                                                                                                                                                                           |

### 1.2.2 Support Equipment List and Details

| Manufacturer | Description     | Model             | Serial Number      |
|--------------|-----------------|-------------------|--------------------|
| Unknown      | Adapter         | DCT06W120050US-D0 | PPPPPPP23062700000 |
| Tenda        | Wireless Router | RX12 Pro          | ED331010215000033  |
| Unknown      | Telephone       | Unknown           | Unknown            |
| DongFeng     | Phone           | P3                | UP3_BSGF187E000165 |
| DIGITAL      | POE             | G0720-480-050     | 3TV4E338182        |

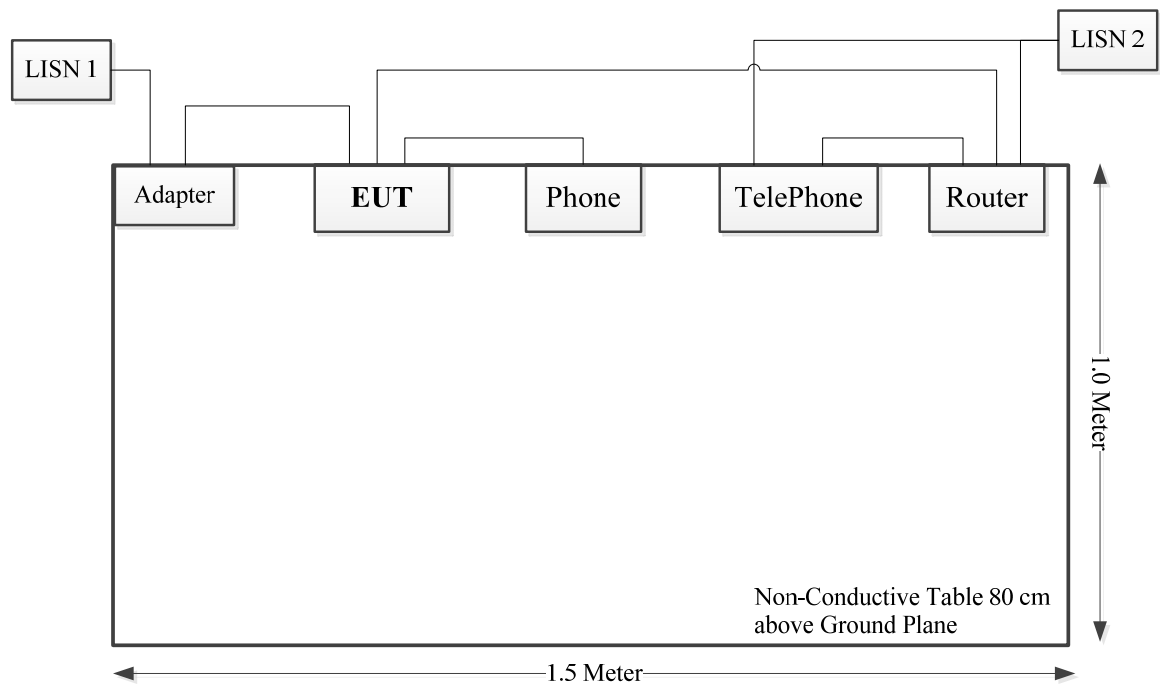
### 1.2.3 Support Cable List and Details

| Cable Description | Shielding Type | Ferrite Core | Length (m) | From Port       | To              |
|-------------------|----------------|--------------|------------|-----------------|-----------------|
| Power Cable       | No             | No           | 1.2        | Adapter         | EUT             |
| Power Cable       | No             | No           | 1.5        | Wireless Router | LISN 2          |
| Power Cable       | No             | No           | 1.5        | Telephone       | LISN 2          |
| USB Cable         | No             | No           | 0.8        | EUT             | Phone           |
| RJ45 Cable        | No             | No           | 1.2        | Wireless Router | Telephone       |
| RJ45 Cable        | No             | No           | 0.8        | Wireless Router | EUT             |
| RJ45 Cable        | No             | No           | 0.8        | POE             | EUT             |
| RJ45 Cable        | No             | No           | 1.5        | POE             | Wireless Router |

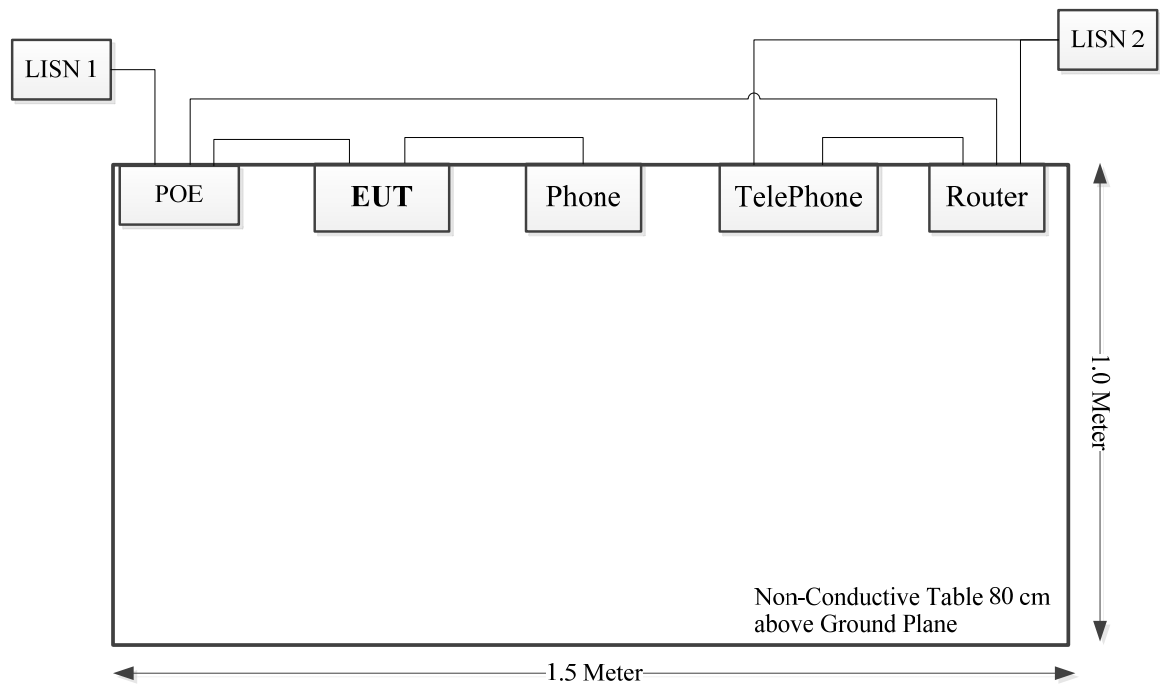
1.2.4 Block Diagram of Test Setup

AC Line Conducted Emissions:

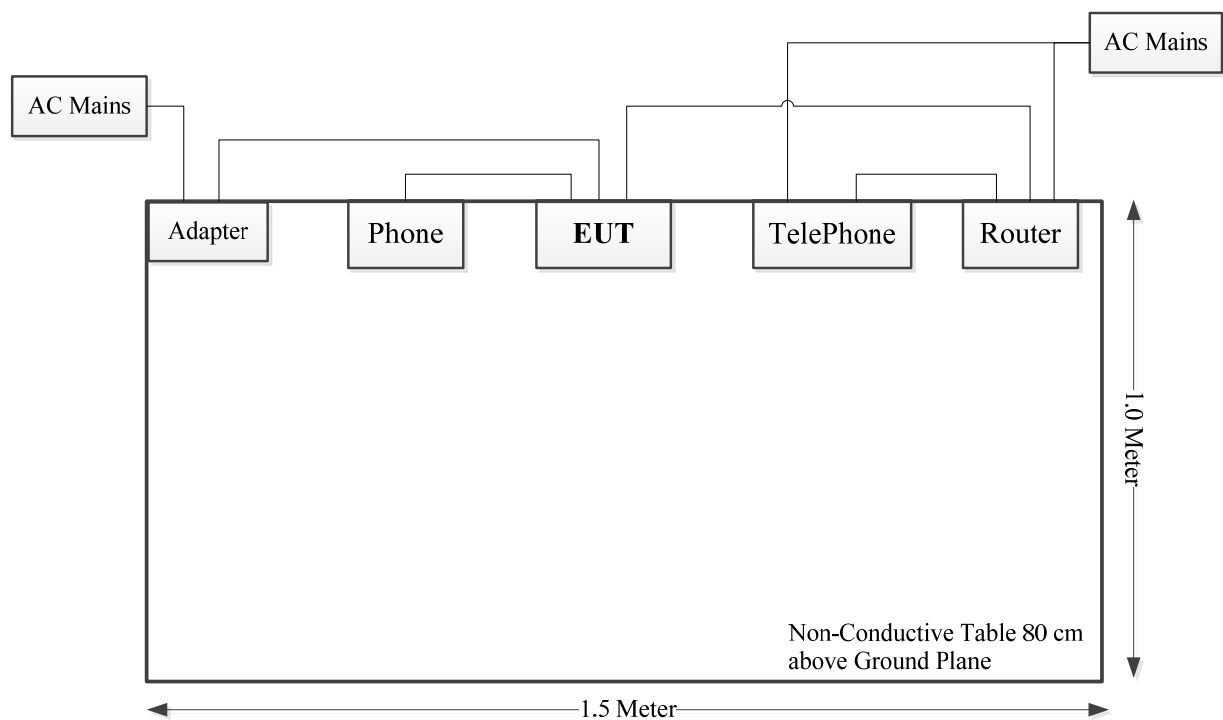
M1&M2&M3:



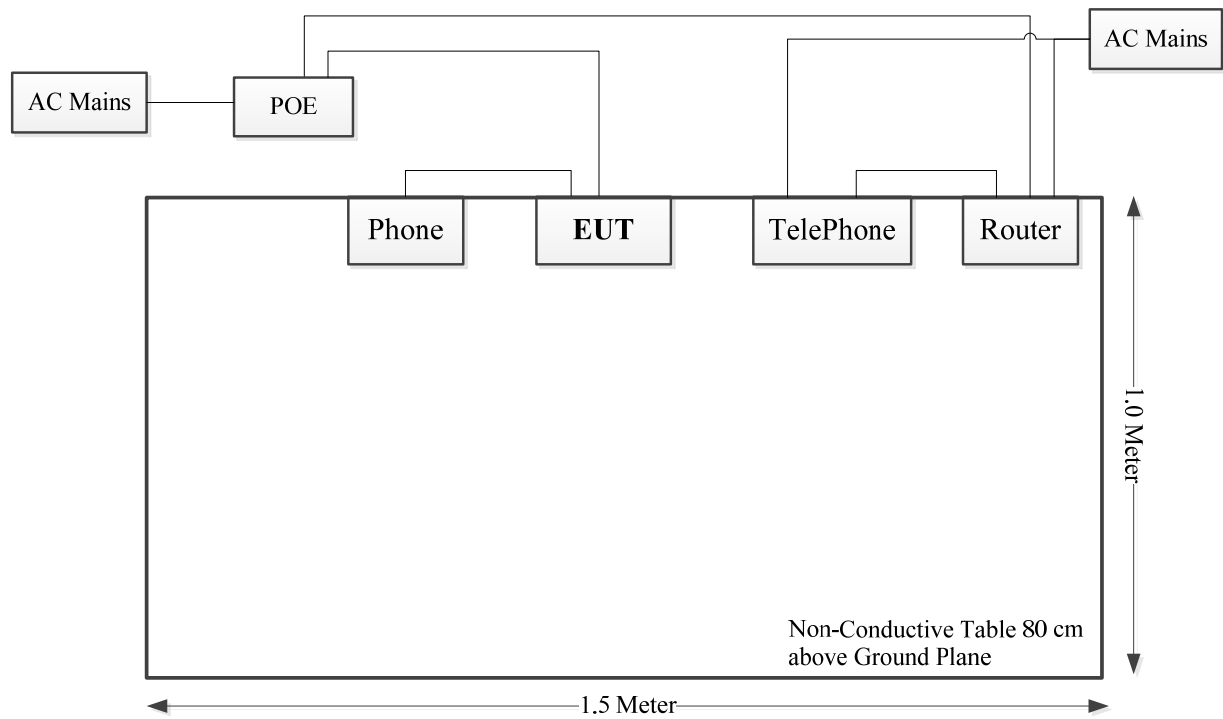
M4&M5&M6:



Spurious emissions:  
M1&M2&M3:



M4&M5&M6:



### 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)                                                                                           |

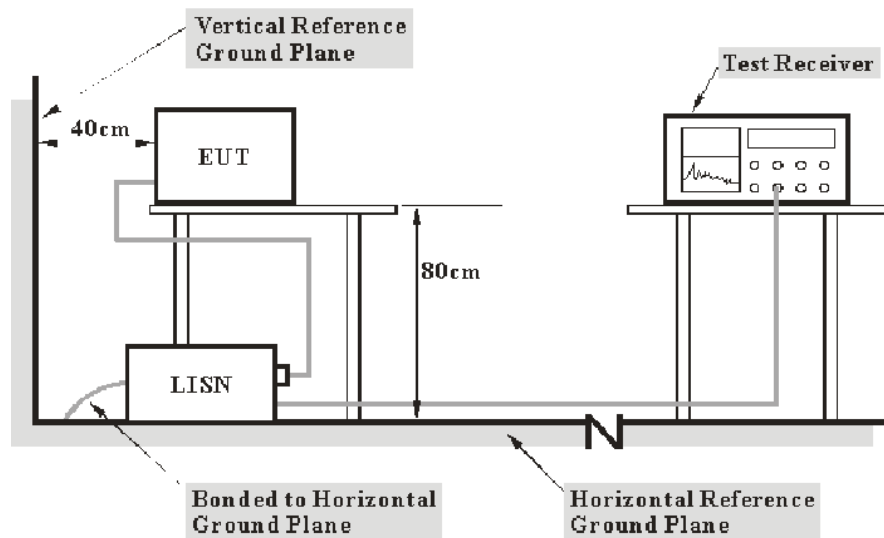
2. SUMMARY OF TEST RESULTS

| Standard(s) Section | Description of Test | Result    |
|---------------------|---------------------|-----------|
| §15.107             | Conducted emissions | Compliant |
| §15.109             | Radiated emissions  | 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.

##### 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

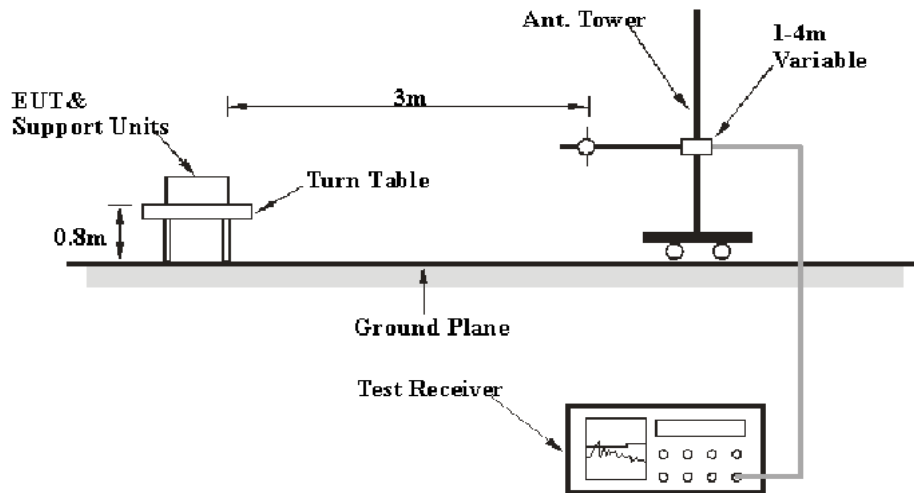
The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

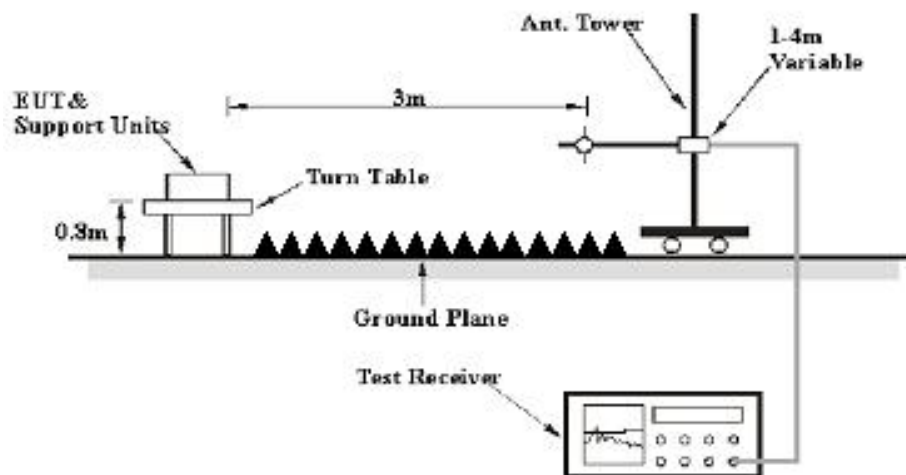
## 3.2 Radiation Spurious Emissions

### 3.2.1 EUT Setup

30MHz~1GHz:



Above 1GHz:



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

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

The spacing between the peripherals was 10 cm.

### 3.2.2 Equipment Setup

The system was investigated from 30MHz to 7 GHz.

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

| Frequency Range   | RBW     | Video B/W               | IF B/W  | Measurement |
|-------------------|---------|-------------------------|---------|-------------|
| 30 MHz – 1000 MHz | 100 kHz | 300 kHz                 | /       | PK          |
|                   | /       | /                       | 120 kHz | QP          |
| Above 1 GHz       | 1 MHz   | 3 MHz                   | /       | Peak        |
|                   | 1 MHz   | Reduced video bandwidth | /       | 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

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

Data was recorded in Quasi-peak detection mode for frequency range of 30 MHz-1 GHz, peak and Average detection modes for frequencies above 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

4. TEST DATA AND RESULTS

4.1 AC Line Conducted Emissions

|                |             |              |                        |
|----------------|-------------|--------------|------------------------|
| Serial Number: | 2EBO-1      | Test Date:   | 2023/12/21~2024/1/18   |
| Test Site:     | CE          | Test Mode:   | M1, M2, M3, M4, M5, M6 |
| Tester:        | David Huang | Test Result: | Pass                   |

Environmental Conditions:

|                      |           |                           |       |                        |             |
|----------------------|-----------|---------------------------|-------|------------------------|-------------|
| Temperature:<br>(°C) | 22.9~24.8 | Relative Humidity:<br>(%) | 29~50 | ATM Pressure:<br>(kPa) | 101.8~102.8 |
|----------------------|-----------|---------------------------|-------|------------------------|-------------|

Test Equipment List and Details:

| Manufacturer | Description       | Model   | Serial Number | Calibration Date | Calibration Due Date |
|--------------|-------------------|---------|---------------|------------------|----------------------|
| R&S          | LISN              | ENV216  | 101134        | 2023/3/31        | 2024/3/30            |
| R&S          | LISN              | ENV216  | 101132        | 2023/3/31        | 2024/3/30            |
| R&S          | EMI Test Receiver | ESR3    | 102726        | 2023/3/31        | 2024/3/30            |
| MICRO-COAX   | Coaxial Cable     | UTIFLEX | C-0200-01     | 2023/8/6         | 2024/8/5             |
| 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:

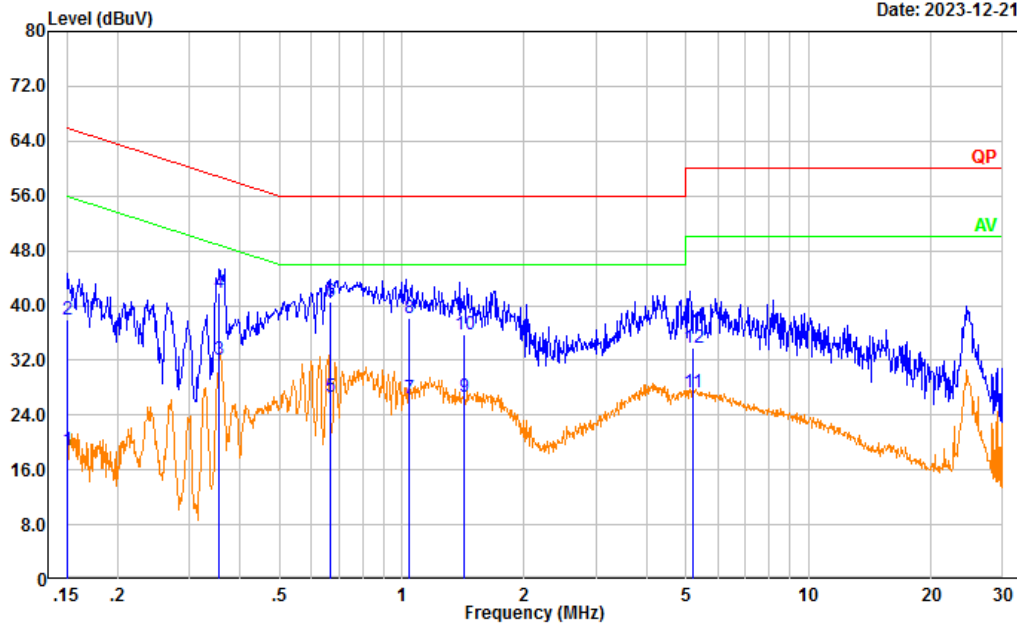
Project No.: CR231170784-EM

Tester: David Huang

Port: Line

Note: M1 Taking&amp; USB Type-C Port Discharge

Date: 2023-12-21



| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB) | Result (dBμV) | Limit (dBμV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.151           | 9.16           | 9.61        | 18.77         | 55.97        | 37.20       | Average  |
| 2   | 0.151           | 28.33          | 9.61        | 37.94         | 65.97        | 28.03       | QP       |
| 3   | 0.356           | 22.51          | 9.61        | 32.12         | 48.83        | 16.71       | Average  |
| 4   | 0.356           | 32.20          | 9.61        | 41.81         | 58.83        | 17.02       | QP       |
| 5   | 0.666           | 17.13          | 9.62        | 26.75         | 46.00        | 19.25       | Average  |
| 6   | 0.666           | 30.98          | 9.62        | 40.60         | 56.00        | 15.40       | QP       |
| 7   | 1.040           | 16.88          | 9.62        | 26.50         | 46.00        | 19.50       | Average  |
| 8   | 1.040           | 28.54          | 9.62        | 38.16         | 56.00        | 17.84       | QP       |
| 9   | 1.422           | 17.02          | 9.62        | 26.64         | 46.00        | 19.36       | Average  |
| 10  | 1.422           | 26.24          | 9.62        | 35.86         | 56.00        | 20.14       | QP       |
| 11  | 5.195           | 17.58          | 9.66        | 27.24         | 50.00        | 22.76       | Average  |
| 12  | 5.195           | 24.19          | 9.66        | 33.85         | 60.00        | 26.15       | QP       |

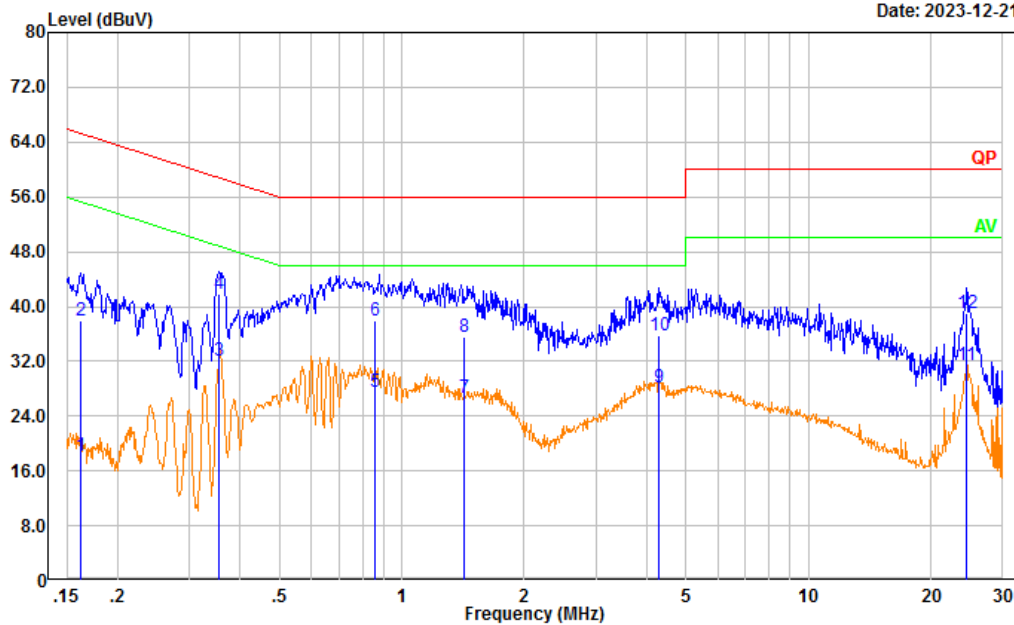
Project No.: CR231170784-EM

Tester: David Huang

Port: neutral

Note: M1 Taking&amp; USB Type-C Port Discharge

Date: 2023-12-21



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB) | Result<br>(dBμV) | Limit<br>(dBμV) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|----------------|------------------|-----------------|----------------|----------|
| 1   | 0.162              | 8.69              | 9.61           | 18.30            | 55.35           | 37.05          | Average  |
| 2   | 0.162              | 28.31             | 9.61           | 37.92            | 65.35           | 27.43          | QP       |
| 3   | 0.355              | 22.54             | 9.61           | 32.15            | 48.85           | 16.70          | Average  |
| 4   | 0.355              | 32.32             | 9.61           | 41.93            | 58.85           | 16.92          | QP       |
| 5   | 0.861              | 17.86             | 9.62           | 27.48            | 46.00           | 18.52          | Average  |
| 6   | 0.861              | 28.31             | 9.62           | 37.93            | 56.00           | 18.07          | QP       |
| 7   | 1.418              | 17.12             | 9.62           | 26.74            | 46.00           | 19.26          | Average  |
| 8   | 1.418              | 25.98             | 9.62           | 35.60            | 56.00           | 20.40          | QP       |
| 9   | 4.293              | 18.63             | 9.65           | 28.28            | 46.00           | 17.72          | Average  |
| 10  | 4.293              | 26.19             | 9.65           | 35.84            | 56.00           | 20.16          | QP       |
| 11  | 24.449             | 21.61             | 9.75           | 31.36            | 50.00           | 18.64          | Average  |
| 12  | 24.449             | 29.32             | 9.75           | 39.07            | 60.00           | 20.93          | QP       |

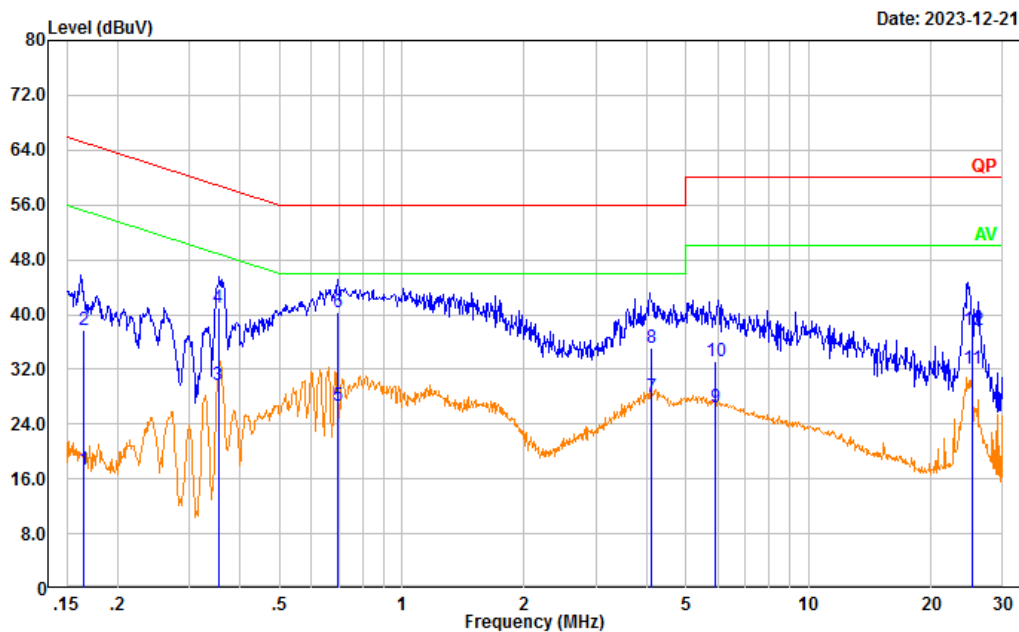
M2:

Project No.: CR231170784-EM

Tester: David Huang

Port: Line

Note: M2 Hands-free calls&amp; USB Type-C Port Discharge



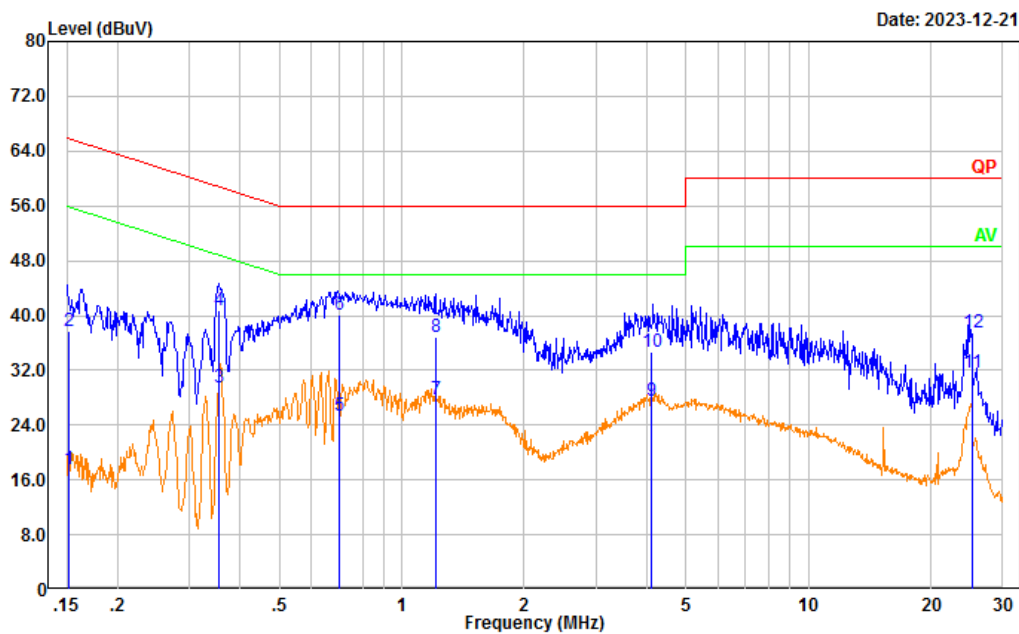
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.165           | 7.83           | 9.61        | 17.44         | 55.23        | 37.79       | Average  |
| 2   | 0.165           | 28.07          | 9.61        | 37.68         | 65.23        | 27.55       | QP       |
| 3   | 0.354           | 19.98          | 9.61        | 29.59         | 48.88        | 19.29       | Average  |
| 4   | 0.354           | 31.35          | 9.61        | 40.96         | 58.88        | 17.92       | QP       |
| 5   | 0.698           | 17.04          | 9.62        | 26.66         | 46.00        | 19.34       | Average  |
| 6   | 0.698           | 30.74          | 9.62        | 40.36         | 56.00        | 15.64       | QP       |
| 7   | 4.121           | 18.40          | 9.65        | 28.05         | 46.00        | 17.95       | Average  |
| 8   | 4.121           | 25.51          | 9.65        | 35.16         | 56.00        | 20.84       | QP       |
| 9   | 5.894           | 16.75          | 9.66        | 26.41         | 50.00        | 23.59       | Average  |
| 10  | 5.894           | 23.55          | 9.66        | 33.21         | 60.00        | 26.79       | QP       |
| 11  | 25.232          | 22.37          | 9.81        | 32.18         | 50.00        | 17.82       | Average  |
| 12  | 25.232          | 27.86          | 9.81        | 37.67         | 60.00        | 22.33       | QP       |

Project No.: CR231170784-EM

Tester: David Huang

Port: neutral

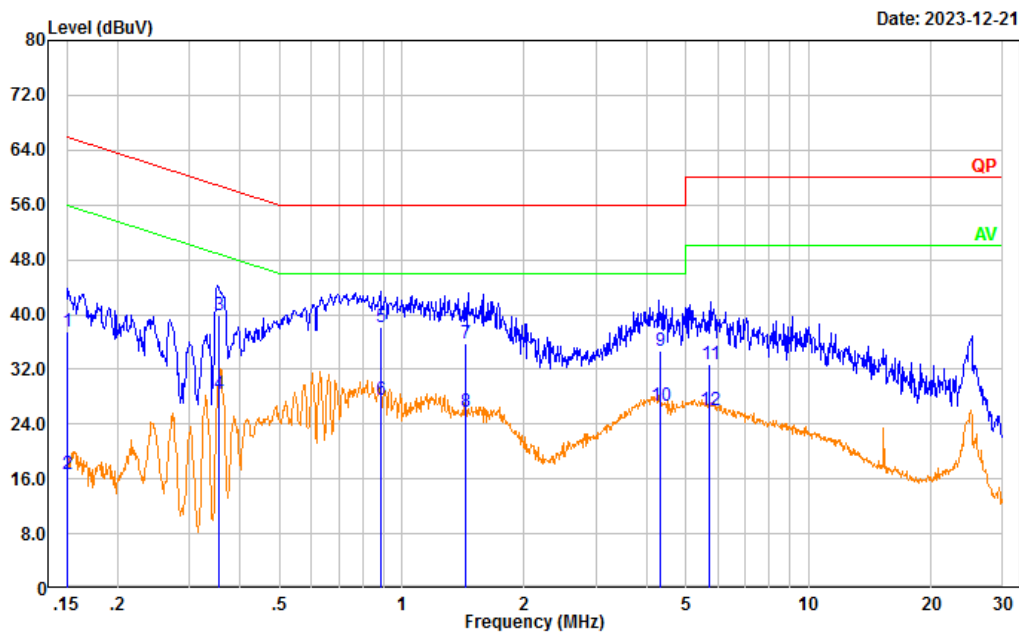
Note: M2 Hands-free calls&amp; USB Type-C Port Discharge



| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB) | Result (dBμV) | Limit (dBμV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.151           | 7.86           | 9.61        | 17.47         | 55.93        | 38.46       | Average  |
| 2   | 0.151           | 28.08          | 9.61        | 37.69         | 65.93        | 28.24       | QP       |
| 3   | 0.354           | 19.87          | 9.61        | 29.48         | 48.87        | 19.39       | Average  |
| 4   | 0.354           | 31.10          | 9.61        | 40.71         | 58.87        | 18.16       | QP       |
| 5   | 0.700           | 15.79          | 9.62        | 25.41         | 46.00        | 20.59       | Average  |
| 6   | 0.700           | 30.48          | 9.62        | 40.10         | 56.00        | 15.90       | QP       |
| 7   | 1.211           | 18.23          | 9.62        | 27.85         | 46.00        | 18.15       | Average  |
| 8   | 1.211           | 27.26          | 9.62        | 36.88         | 56.00        | 19.12       | QP       |
| 9   | 4.108           | 17.89          | 9.65        | 27.54         | 46.00        | 18.46       | Average  |
| 10  | 4.108           | 25.11          | 9.65        | 34.76         | 56.00        | 21.24       | QP       |
| 11  | 25.230          | 21.89          | 9.76        | 31.65         | 50.00        | 18.35       | Average  |
| 12  | 25.230          | 27.75          | 9.76        | 37.51         | 60.00        | 22.49       | QP       |

M3:

Project No.: CR231170784-EM  
Tester: David Huang  
Port: Line  
Note: M3 Ring& USB Type-C Port Discharge



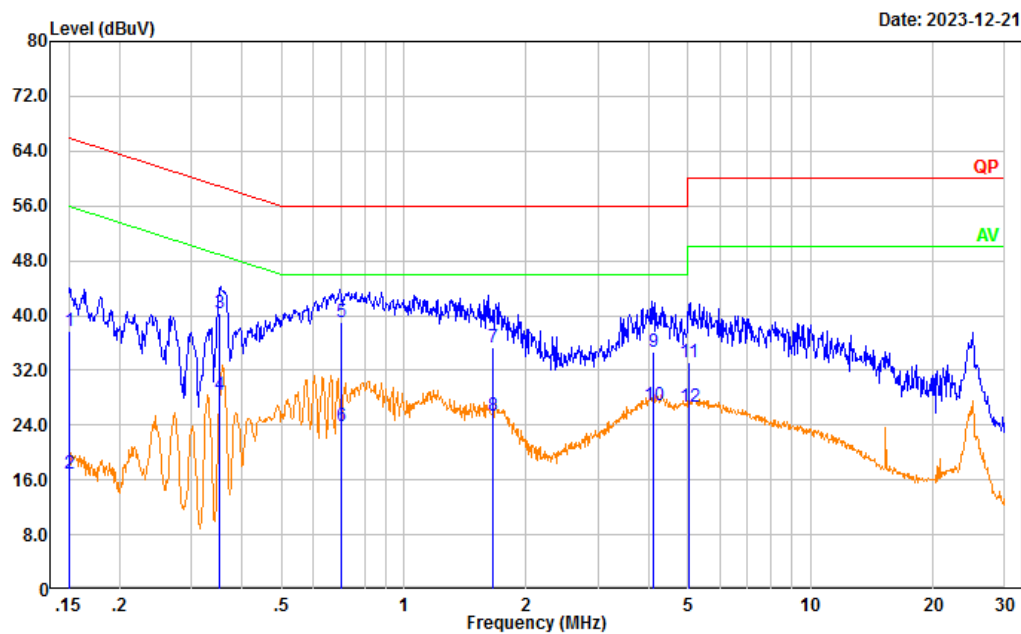
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.151           | 27.80          | 9.61        | 37.41         | 65.94        | 28.53       | QP       |
| 2   | 0.151           | 7.16           | 9.61        | 16.77         | 55.94        | 39.17       | Average  |
| 3   | 0.354           | 30.35          | 9.61        | 39.96         | 58.88        | 18.92       | QP       |
| 4   | 0.354           | 18.77          | 9.61        | 28.38         | 48.88        | 20.50       | Average  |
| 5   | 0.885           | 28.51          | 9.62        | 38.13         | 56.00        | 17.87       | QP       |
| 6   | 0.885           | 17.98          | 9.62        | 27.60         | 46.00        | 18.40       | Average  |
| 7   | 1.430           | 26.16          | 9.62        | 35.78         | 56.00        | 20.22       | QP       |
| 8   | 1.430           | 16.22          | 9.62        | 25.84         | 46.00        | 20.16       | Average  |
| 9   | 4.307           | 25.01          | 9.65        | 34.66         | 56.00        | 21.34       | QP       |
| 10  | 4.307           | 17.04          | 9.65        | 26.69         | 46.00        | 19.31       | Average  |
| 11  | 5.712           | 23.15          | 9.66        | 32.81         | 60.00        | 27.19       | QP       |
| 12  | 5.712           | 16.37          | 9.66        | 26.03         | 50.00        | 23.97       | Average  |

Project No.: CR231170784-EM

Tester: David Huang

Port: neutral

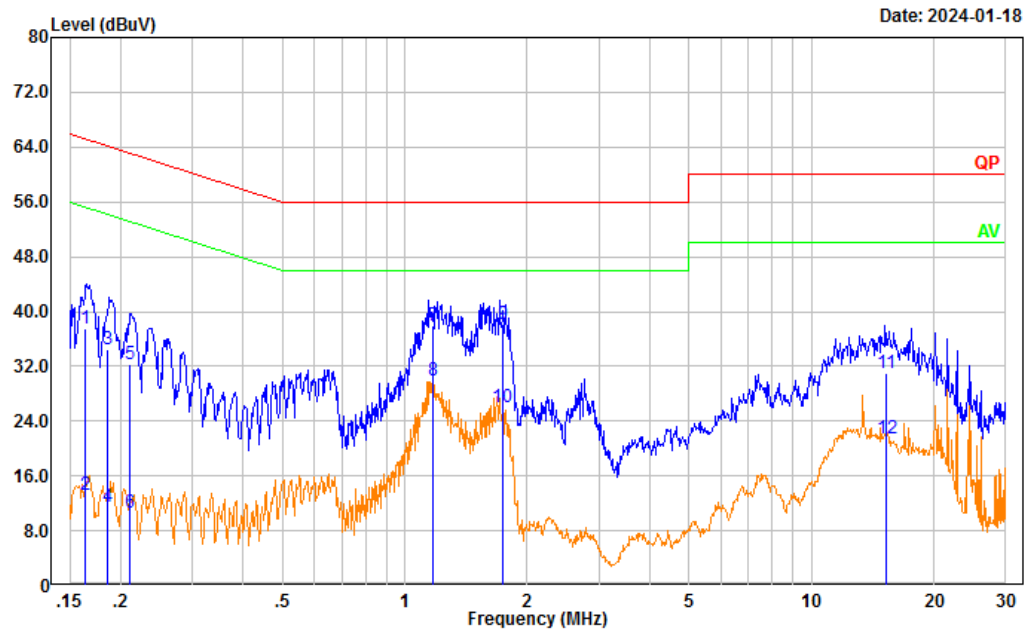
Note: M3 Ring&amp; USB Type-C Port Discharge



| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB) | Result (dBμV) | Limit (dBμV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.151           | 28.06          | 9.61        | 37.67         | 65.97        | 28.30       | QP       |
| 2   | 0.151           | 7.29           | 9.61        | 16.90         | 55.97        | 39.07       | Average  |
| 3   | 0.353           | 30.66          | 9.61        | 40.27         | 58.88        | 18.61       | QP       |
| 4   | 0.353           | 18.80          | 9.61        | 28.41         | 48.88        | 20.47       | Average  |
| 5   | 0.703           | 29.45          | 9.62        | 39.07         | 56.00        | 16.93       | QP       |
| 6   | 0.703           | 14.24          | 9.62        | 23.86         | 46.00        | 22.14       | Average  |
| 7   | 1.654           | 25.67          | 9.63        | 35.30         | 56.00        | 20.70       | QP       |
| 8   | 1.654           | 15.77          | 9.63        | 25.40         | 46.00        | 20.60       | Average  |
| 9   | 4.097           | 24.94          | 9.65        | 34.59         | 56.00        | 21.41       | QP       |
| 10  | 4.097           | 17.17          | 9.65        | 26.82         | 46.00        | 19.18       | Average  |
| 11  | 5.029           | 23.53          | 9.66        | 33.19         | 60.00        | 26.81       | QP       |
| 12  | 5.029           | 16.99          | 9.66        | 26.65         | 50.00        | 23.35       | Average  |

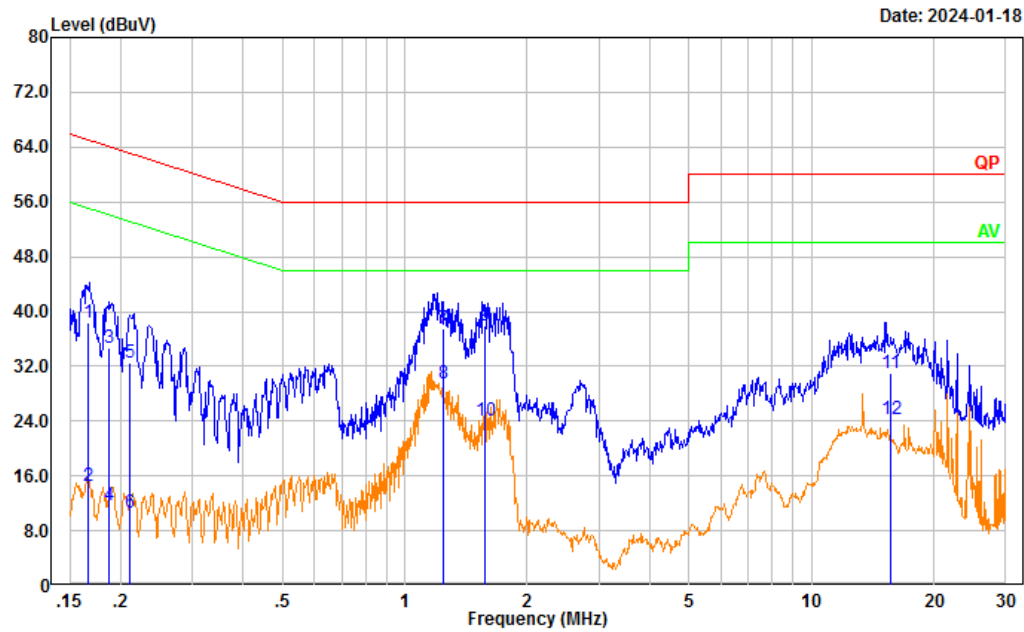
M4:

Project No.: CR231170784-EM  
Tester: David Huang  
Port: Line  
Note: M4 POE Power Supply& Taking& USB Type-C Port Discharge



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB) | Result<br>(dBμV) | Limit<br>(dBμV) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|----------------|------------------|-----------------|----------------|----------|
| 1   | 0.163              | 27.91             | 9.61           | 37.52            | 65.30           | 27.78          | QP       |
| 2   | 0.163              | 3.57              | 9.61           | 13.18            | 55.30           | 42.12          | Average  |
| 3   | 0.186              | 24.90             | 9.61           | 34.51            | 64.20           | 29.69          | QP       |
| 4   | 0.186              | 1.93              | 9.61           | 11.54            | 54.20           | 42.66          | Average  |
| 5   | 0.210              | 22.71             | 9.61           | 32.32            | 63.19           | 30.87          | QP       |
| 6   | 0.210              | 1.07              | 9.61           | 10.68            | 53.19           | 42.51          | Average  |
| 7   | 1.168              | 28.32             | 9.62           | 37.94            | 56.00           | 18.06          | QP       |
| 8   | 1.168              | 20.21             | 9.62           | 29.83            | 46.00           | 16.17          | Average  |
| 9   | 1.735              | 28.47             | 9.63           | 38.10            | 56.00           | 17.90          | QP       |
| 10  | 1.735              | 16.48             | 9.63           | 26.11            | 46.00           | 19.89          | Average  |
| 11  | 15.262             | 21.24             | 9.70           | 30.94            | 60.00           | 29.06          | QP       |
| 12  | 15.262             | 11.81             | 9.70           | 21.51            | 50.00           | 28.49          | Average  |

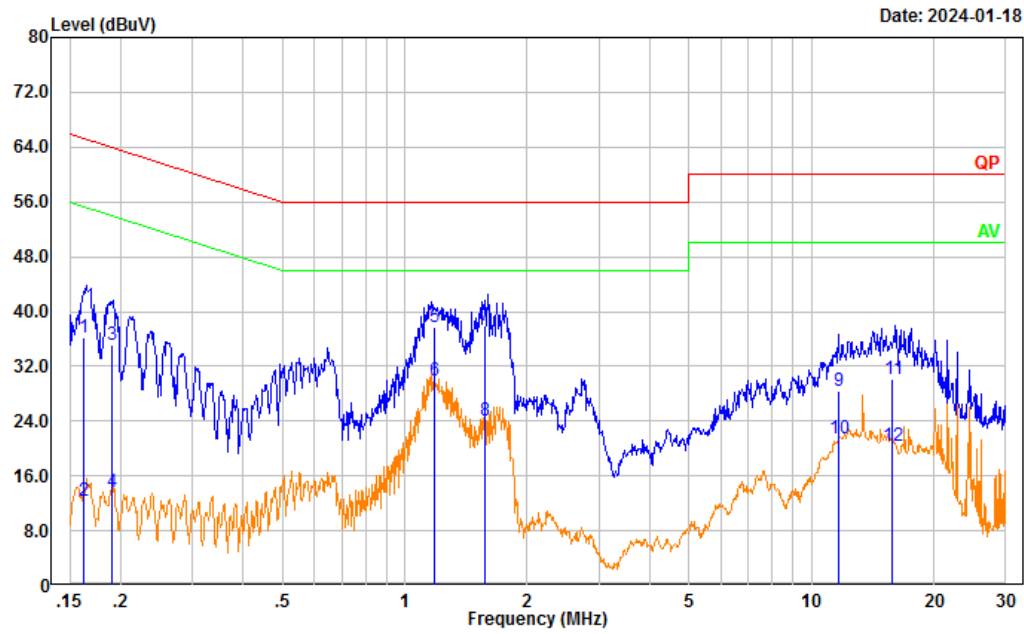
Project No.: CR231170784-EM  
Tester: David Huang  
Port: neutral  
Note: M4 POE Power Supply& Taking& USB Type-C Port Discharge



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB) | Result<br>(dBμV) | Limit<br>(dBμV) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|----------------|------------------|-----------------|----------------|----------|
| 1   | 0.166              | 28.76             | 9.61           | 38.37            | 65.16           | 26.79          | QP       |
| 2   | 0.166              | 4.91              | 9.61           | 14.52            | 55.16           | 40.64          | Average  |
| 3   | 0.187              | 25.14             | 9.61           | 34.75            | 64.17           | 29.42          | QP       |
| 4   | 0.187              | 2.14              | 9.61           | 11.75            | 54.17           | 42.42          | Average  |
| 5   | 0.211              | 22.83             | 9.61           | 32.44            | 63.17           | 30.73          | QP       |
| 6   | 0.211              | 1.04              | 9.61           | 10.65            | 53.17           | 42.52          | Average  |
| 7   | 1.241              | 27.84             | 9.62           | 37.46            | 56.00           | 18.54          | QP       |
| 8   | 1.241              | 19.88             | 9.62           | 29.50            | 46.00           | 16.50          | Average  |
| 9   | 1.578              | 28.25             | 9.63           | 37.88            | 56.00           | 18.12          | QP       |
| 10  | 1.578              | 14.35             | 9.63           | 23.98            | 46.00           | 22.02          | Average  |
| 11  | 15.620             | 21.35             | 9.69           | 31.04            | 60.00           | 28.96          | QP       |
| 12  | 15.620             | 14.61             | 9.69           | 24.30            | 50.00           | 25.70          | Average  |

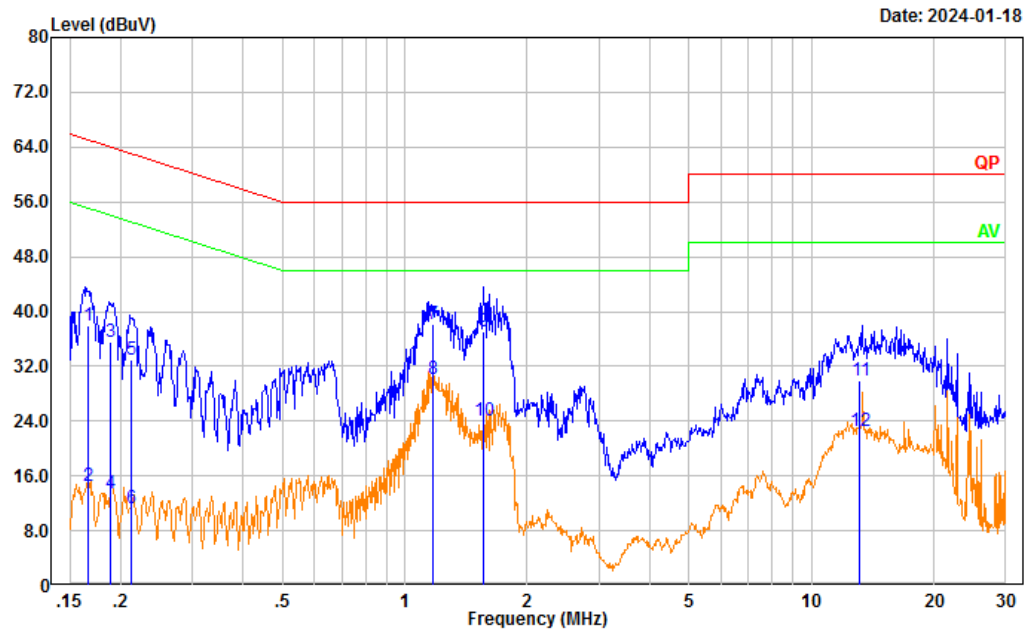
M5:

Project No.: CR231170784-EM  
Tester: David Huang  
Port: Line  
Note: M5 POE Power Supply& Hands-free calls& USB Type-C Port Discharge



| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB) | Result (dBμV) | Limit (dBμV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.162           | 26.62          | 9.61        | 36.23         | 65.35        | 29.12       | QP       |
| 2   | 0.162           | 2.77           | 9.61        | 12.38         | 55.35        | 42.97       | Average  |
| 3   | 0.191           | 25.58          | 9.61        | 35.19         | 63.99        | 28.80       | QP       |
| 4   | 0.191           | 4.00           | 9.61        | 13.61         | 53.99        | 40.38       | Average  |
| 5   | 1.180           | 28.21          | 9.62        | 37.83         | 56.00        | 18.17       | QP       |
| 6   | 1.180           | 20.33          | 9.62        | 29.95         | 46.00        | 16.05       | Average  |
| 7   | 1.578           | 28.31          | 9.63        | 37.94         | 56.00        | 18.06       | QP       |
| 8   | 1.578           | 14.54          | 9.63        | 24.17         | 46.00        | 21.83       | Average  |
| 9   | 11.651          | 18.66          | 9.67        | 28.33         | 60.00        | 31.67       | QP       |
| 10  | 11.651          | 11.87          | 9.67        | 21.54         | 50.00        | 28.46       | Average  |
| 11  | 15.807          | 20.41          | 9.71        | 30.12         | 60.00        | 29.88       | QP       |
| 12  | 15.807          | 10.57          | 9.71        | 20.28         | 50.00        | 29.72       | Average  |

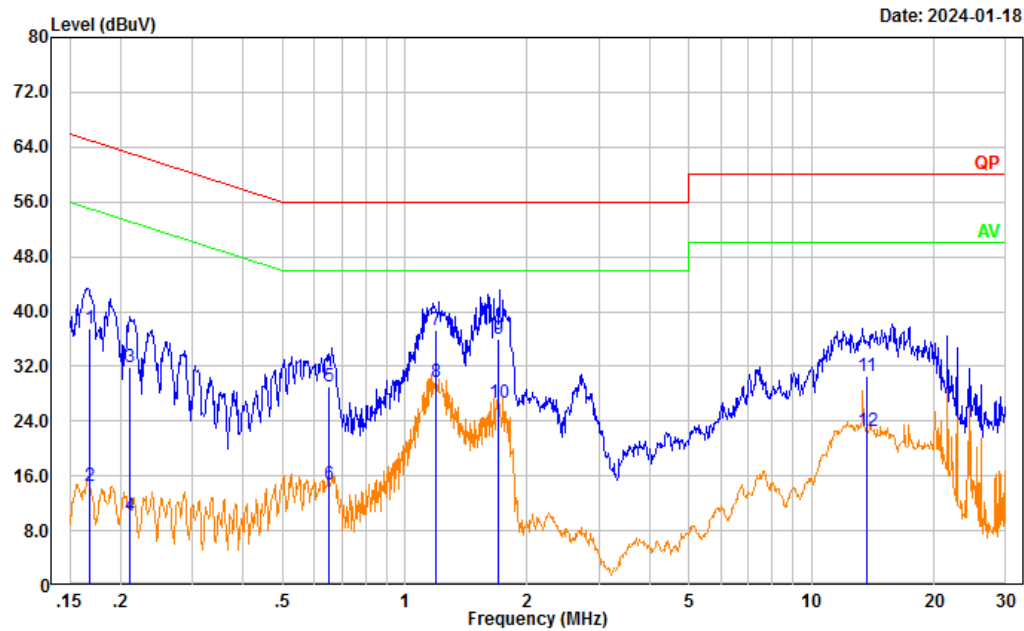
Project No.: CR231170784-EM  
Tester: David Huang  
Port: neutral  
Note: M5 POE Power Supply& Hands-free calls& USB Type-C Port Discharge



| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB) | Result (dBμV) | Limit (dBμV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.167           | 28.41          | 9.61        | 38.02         | 65.10        | 27.08       | QP       |
| 2   | 0.167           | 4.85           | 9.61        | 14.46         | 55.10        | 40.64       | Average  |
| 3   | 0.189           | 25.93          | 9.61        | 35.54         | 64.07        | 28.53       | QP       |
| 4   | 0.189           | 3.74           | 9.61        | 13.35         | 54.07        | 40.72       | Average  |
| 5   | 0.212           | 23.34          | 9.61        | 32.95         | 63.12        | 30.17       | QP       |
| 6   | 0.212           | 1.72           | 9.61        | 11.33         | 53.12        | 41.79       | Average  |
| 7   | 1.170           | 28.44          | 9.62        | 38.06         | 56.00        | 17.94       | QP       |
| 8   | 1.170           | 20.57          | 9.62        | 30.19         | 46.00        | 15.81       | Average  |
| 9   | 1.565           | 27.55          | 9.63        | 37.18         | 56.00        | 18.82       | QP       |
| 10  | 1.565           | 14.38          | 9.63        | 24.01         | 46.00        | 21.99       | Average  |
| 11  | 13.138          | 20.15          | 9.68        | 29.83         | 60.00        | 30.17       | QP       |
| 12  | 13.138          | 12.79          | 9.68        | 22.47         | 50.00        | 27.53       | Average  |

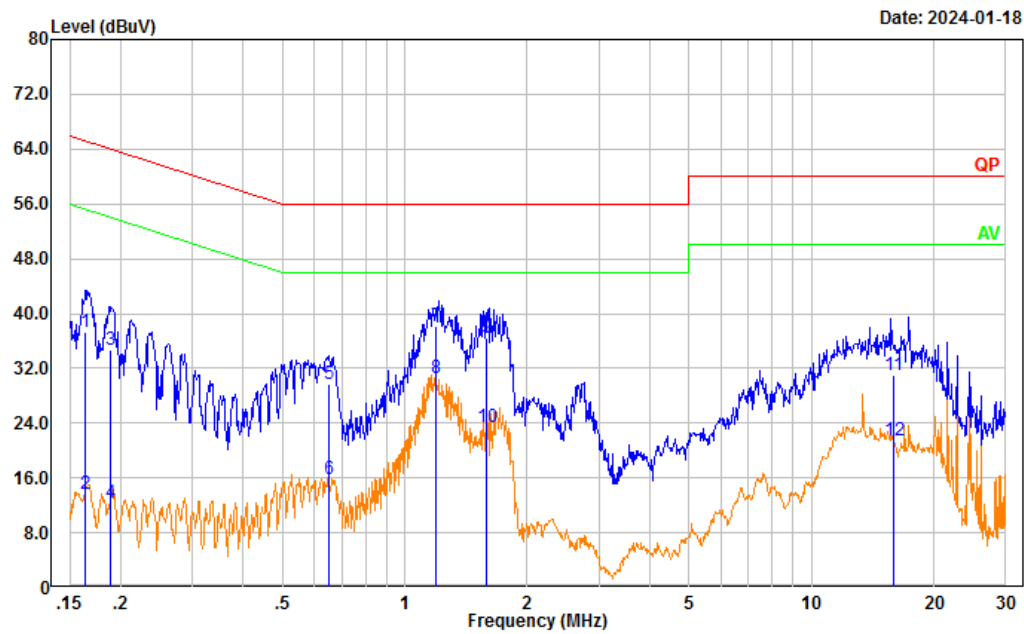
M6:

Project No.: CR231170784-EM  
Tester: David Huang  
Port: Line  
Note: M6 POE Power Supply& Ring& USB Type-C Port Discharge



| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB) | Result (dBμV) | Limit (dBμV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.167           | 27.91          | 9.61        | 37.52         | 65.09        | 27.57       | QP       |
| 2   | 0.167           | 4.92           | 9.61        | 14.53         | 55.09        | 40.56       | Average  |
| 3   | 0.211           | 22.21          | 9.61        | 31.82         | 63.17        | 31.35       | QP       |
| 4   | 0.211           | 0.63           | 9.61        | 10.24         | 53.17        | 42.93       | Average  |
| 5   | 0.652           | 19.51          | 9.62        | 29.13         | 56.00        | 26.87       | QP       |
| 6   | 0.652           | 5.18           | 9.62        | 14.80         | 46.00        | 31.20       | Average  |
| 7   | 1.194           | 27.75          | 9.62        | 37.37         | 56.00        | 18.63       | QP       |
| 8   | 1.194           | 20.05          | 9.62        | 29.67         | 46.00        | 16.33       | Average  |
| 9   | 1.697           | 26.42          | 9.63        | 36.05         | 56.00        | 19.95       | QP       |
| 10  | 1.697           | 17.00          | 9.63        | 26.63         | 46.00        | 19.37       | Average  |
| 11  | 13.630          | 20.82          | 9.68        | 30.50         | 60.00        | 29.50       | QP       |
| 12  | 13.630          | 12.79          | 9.68        | 22.47         | 50.00        | 27.53       | Average  |

Project No.: CR231170784-EM  
Tester: David Huang  
Port: neutral  
Note: M6 POE Power Supply& Ring& USB Type-C Port Discharge



| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB) | Result (dBμV) | Limit (dBμV) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|----------|
| 1   | 0.164           | 27.67          | 9.61        | 37.28         | 65.25        | 27.97       | QP       |
| 2   | 0.164           | 3.95           | 9.61        | 13.56         | 55.25        | 41.69       | Average  |
| 3   | 0.188           | 25.19          | 9.61        | 34.80         | 64.12        | 29.32       | QP       |
| 4   | 0.188           | 2.73           | 9.61        | 12.34         | 54.12        | 41.78       | Average  |
| 5   | 0.649           | 20.16          | 9.62        | 29.78         | 56.00        | 26.22       | QP       |
| 6   | 0.649           | 6.28           | 9.62        | 15.90         | 46.00        | 30.10       | Average  |
| 7   | 1.193           | 28.43          | 9.62        | 38.05         | 56.00        | 17.95       | QP       |
| 8   | 1.193           | 20.85          | 9.62        | 30.47         | 46.00        | 15.53       | Average  |
| 9   | 1.590           | 26.79          | 9.63        | 36.42         | 56.00        | 19.58       | QP       |
| 10  | 1.590           | 13.88          | 9.63        | 23.51         | 46.00        | 22.49       | Average  |
| 11  | 15.882          | 21.28          | 9.69        | 30.97         | 60.00        | 29.03       | QP       |
| 12  | 15.882          | 11.69          | 9.69        | 21.38         | 50.00        | 28.62       | Average  |

## 4.2 Radiation Spurious Emissions

|                |                             |              |                        |
|----------------|-----------------------------|--------------|------------------------|
| Serial Number: | 2EBO-1                      | Test Date:   | 2023/12/13~2024/1/17   |
| Test Site:     | 966-1 , 966-2               | Test Mode:   | M1, M2, M3, M4, M5, M6 |
| Tester:        | Vic Du, Carl Xue, coco Tian | Test Result: | Pass                   |

### Environmental Conditions:

|                      |         |                           |       |                        |             |
|----------------------|---------|---------------------------|-------|------------------------|-------------|
| Temperature:<br>(°C) | 25~26.2 | Relative Humidity:<br>(%) | 42~59 | ATM Pressure:<br>(kPa) | 101.3-102.1 |
|----------------------|---------|---------------------------|-------|------------------------|-------------|

### Test Equipment List and Details:

| Manufacturer                  | Description                     | Model                 | Serial Number | Calibration Date | Calibration Due Date |
|-------------------------------|---------------------------------|-----------------------|---------------|------------------|----------------------|
| Radiated Emissions Below 1GHz |                                 |                       |               |                  |                      |
| Sunol Sciences                | Antenna                         | JB6                   | A082520-6     | 2023/9/18        | 2026/9/17            |
| Sunol Sciences                | Antenna                         | JB6                   | A082520-5     | 2023/12/1        | 2026/11/30           |
| 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                  |
| Radiated Emissions Above 1GHz |                                 |                       |               |                  |                      |
| AH                            | Double Ridge Guide Horn Antenna | SAS-571               | 1394          | 2023/2/22        | 2026/2/21            |
| 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    | 2023/11/8        | 2024/11/7            |
| Audix                         | Test Software                   | E3                    | 201021 (V9)   | N/A              | N/A                  |

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

### Test Data:

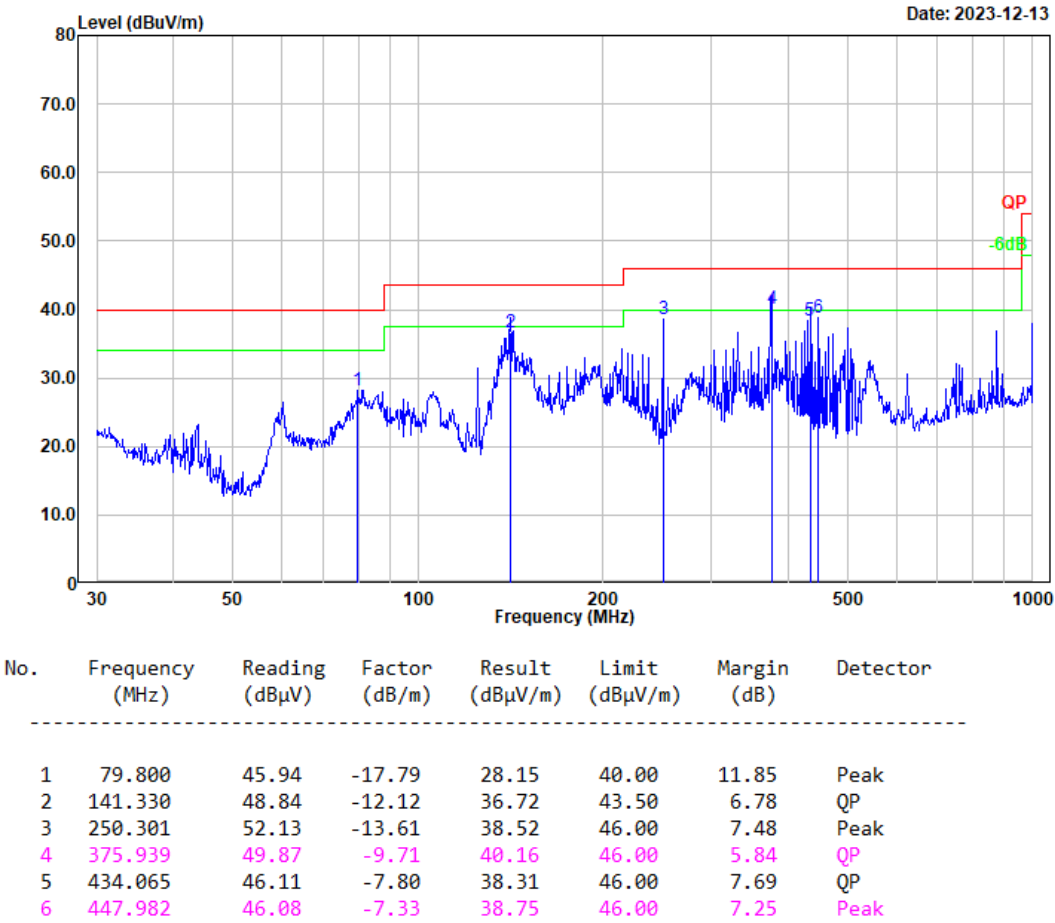
Please refer to the below table and plots.

After pre-scan in the X, Y and Z axes of orientation, the worst case is below:

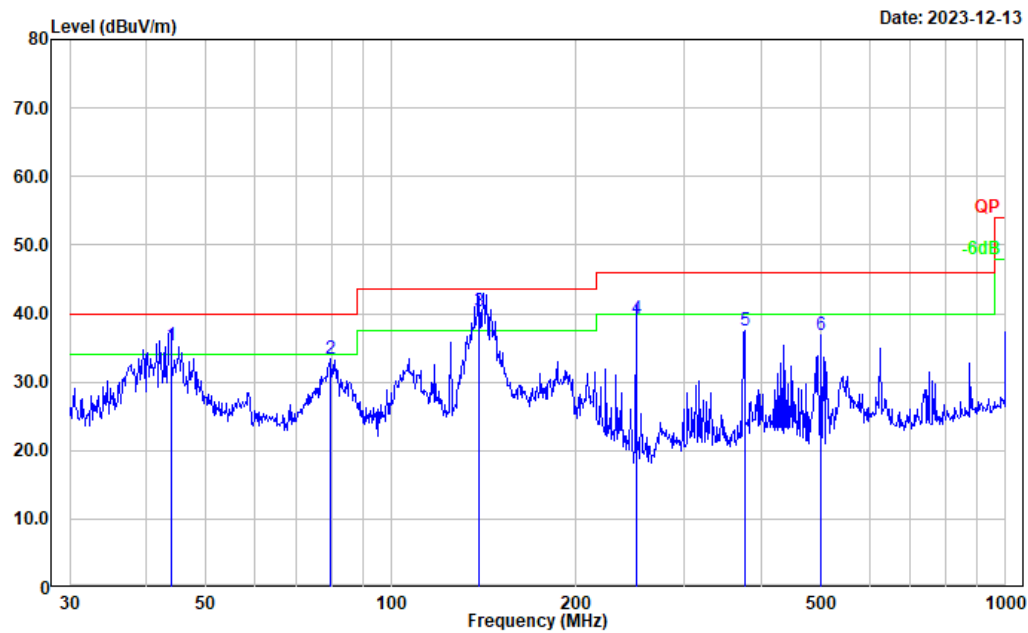
1) 30MHz-1GHz

M1:

Project No.: CR231170784-EM  
Tester: Vic Du  
Polarization: horizontal  
Note: M1 Taking& USB Type-C Port Discharge

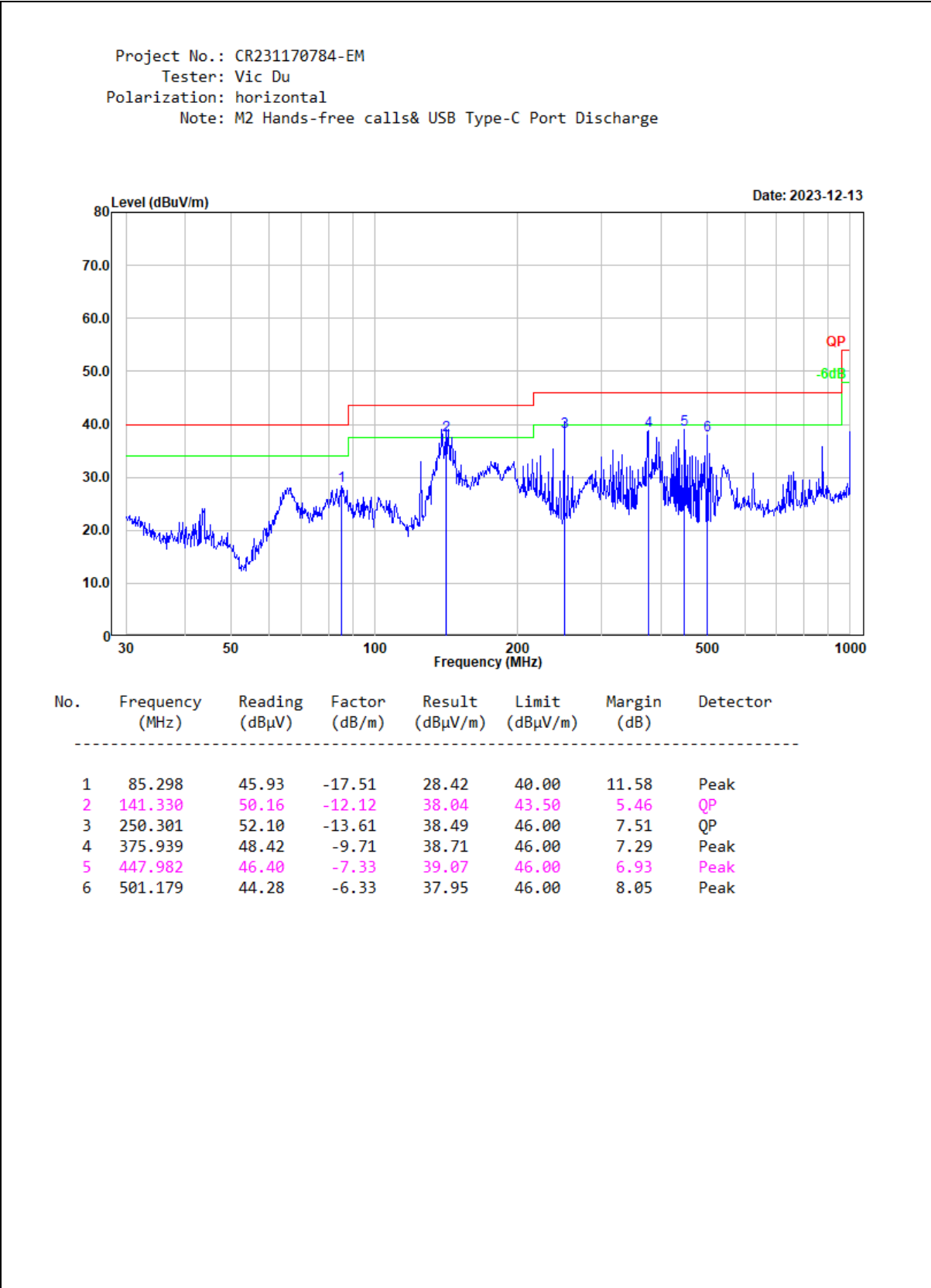


Project No.: CR231170784-EM  
Tester: Vic Du  
Polarization: vertical  
Note: M1 Taking& USB Type-C Port Discharge

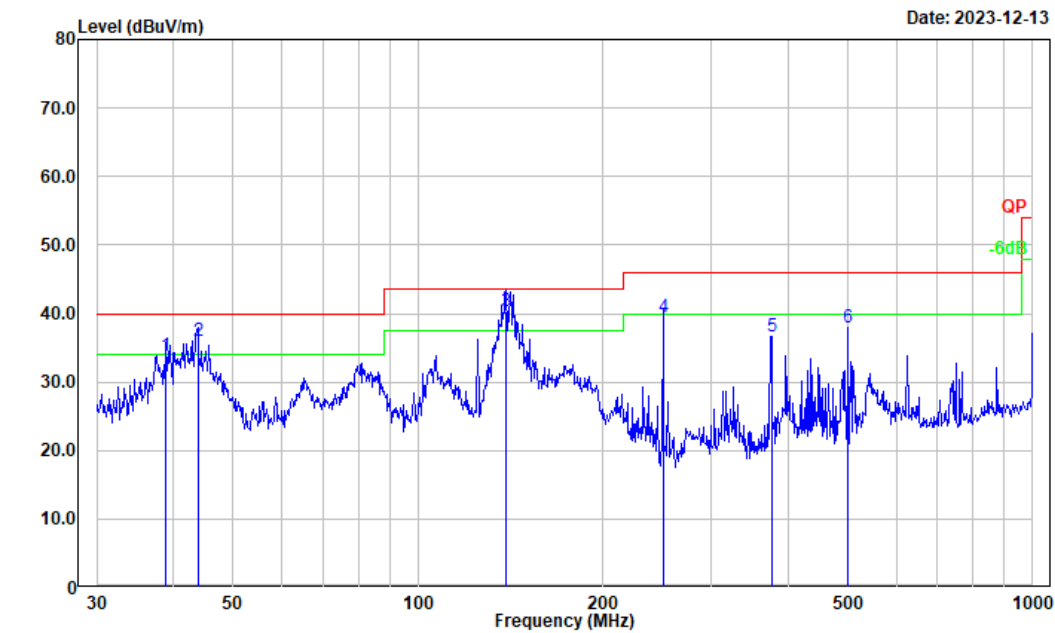


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 43.812             | 49.35             | -13.91           | 35.44              | 40.00             | 4.56           | QP       |
| 2   | 79.800             | 51.17             | -17.79           | 33.38              | 40.00             | 6.62           | Peak     |
| 3   | 139.244            | 52.41             | -12.03           | 40.38              | 43.50             | 3.12           | QP       |
| 4   | 250.301            | 52.85             | -13.61           | 39.24              | 46.00             | 6.76           | QP       |
| 5   | 375.939            | 47.20             | -9.71            | 37.49              | 46.00             | 8.51           | Peak     |
| 6   | 501.179            | 43.23             | -6.33            | 36.90              | 46.00             | 9.10           | Peak     |

M2:

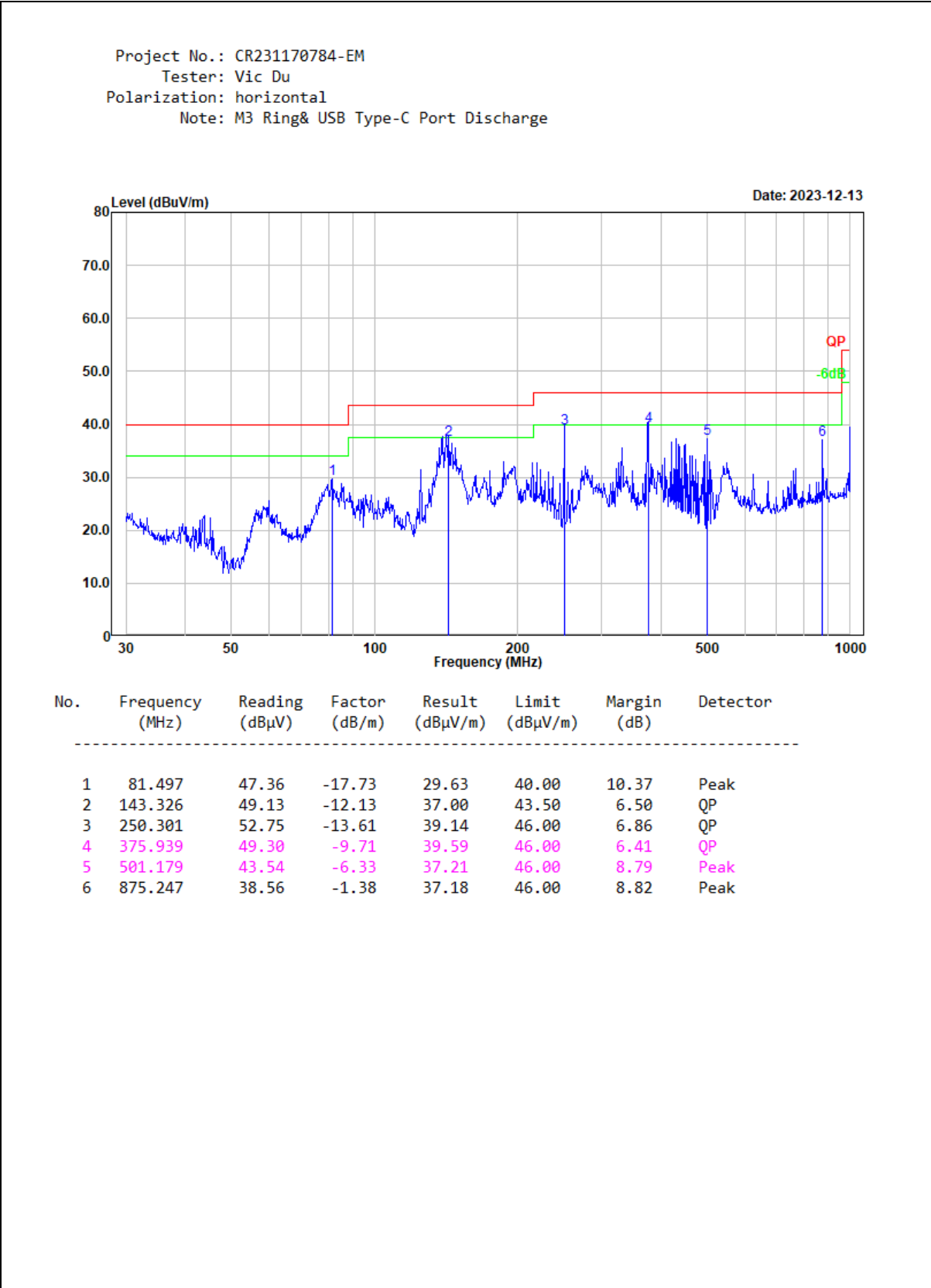


Project No.: CR231170784-EM  
Tester: Vic Du  
Polarization: vertical  
Note: M2 Hands-free calls& USB Type-C Port Discharge

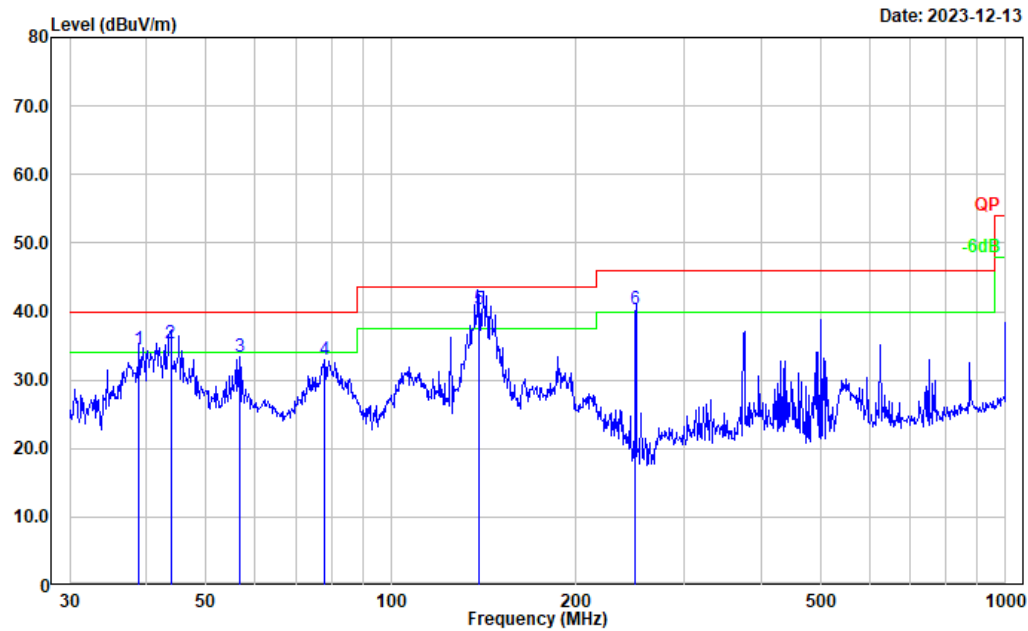


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 38.888             | 44.67             | -10.86           | 33.81              | 40.00             | 6.19           | QP       |
| 2   | 43.812             | 49.88             | -13.91           | 35.97              | 40.00             | 4.03           | QP       |
| 3   | 139.361            | 52.43             | -12.03           | 40.40              | 43.50             | 3.10           | QP       |
| 4   | 250.301            | 53.16             | -13.61           | 39.55              | 46.00             | 6.45           | QP       |
| 5   | 375.939            | 46.38             | -9.71            | 36.67              | 46.00             | 9.33           | Peak     |
| 6   | 501.179            | 44.28             | -6.33            | 37.95              | 46.00             | 8.05           | Peak     |

M3:

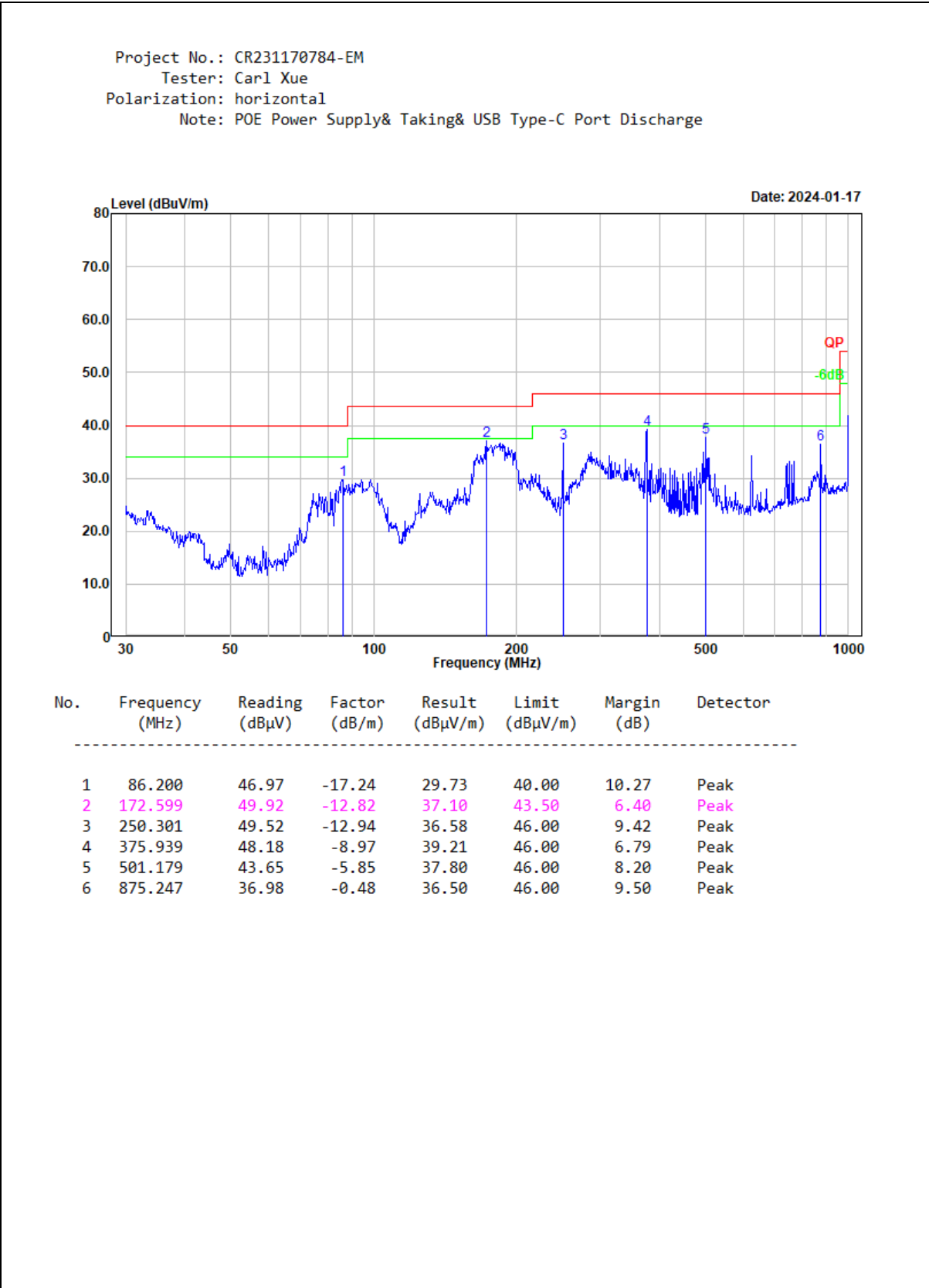


Project No.: CR231170784-EM  
Tester: Vic Du  
Polarization: vertical  
Note: M3 Ring& USB Type-C Port Discharge

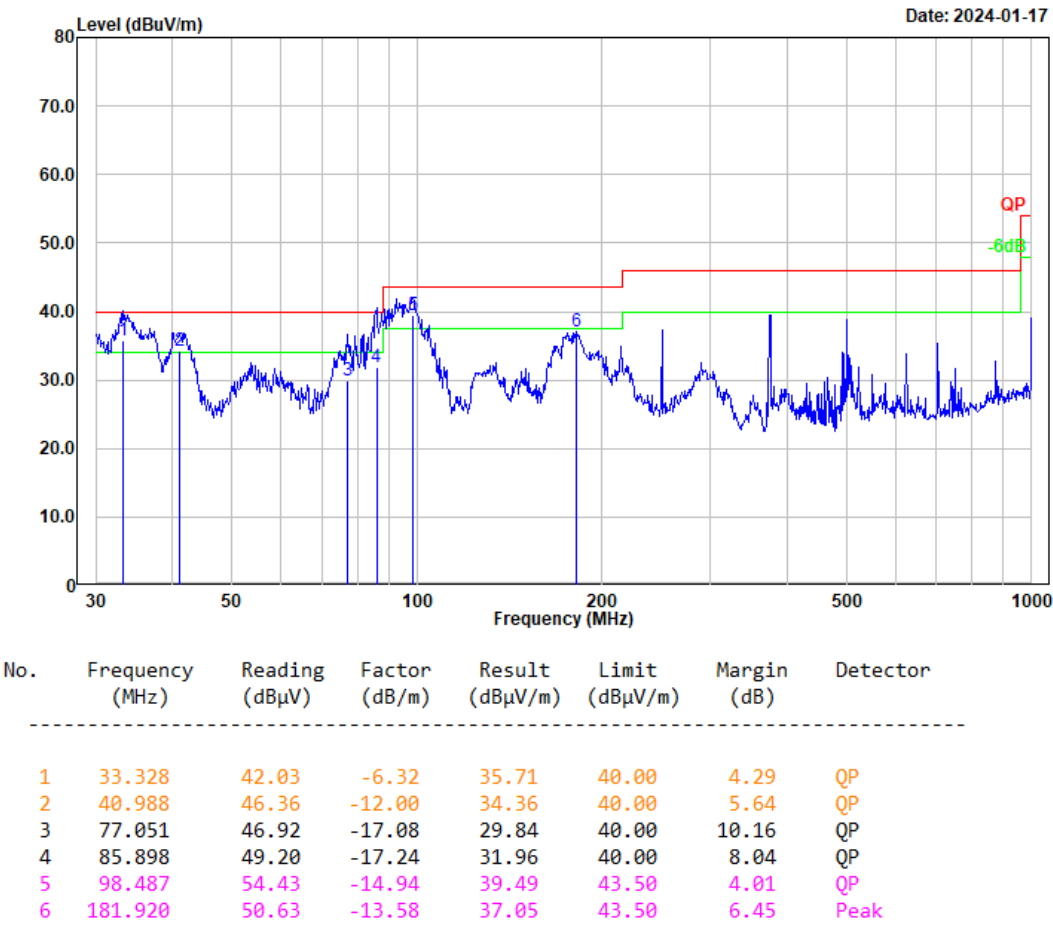


| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Factor<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 38.888             | 45.30             | -10.86           | 34.44              | 40.00             | 5.56           | QP       |
| 2   | 43.791             | 49.14             | -13.90           | 35.24              | 40.00             | 4.76           | QP       |
| 3   | 56.593             | 50.94             | -17.55           | 33.39              | 40.00             | 6.61           | Peak     |
| 4   | 77.865             | 50.69             | -17.63           | 33.06              | 40.00             | 6.94           | Peak     |
| 5   | 139.222            | 52.31             | -12.03           | 40.28              | 43.50             | 3.22           | QP       |
| 6   | 250.001            | 53.89             | -13.62           | 40.27              | 46.00             | 5.73           | QP       |

M4:

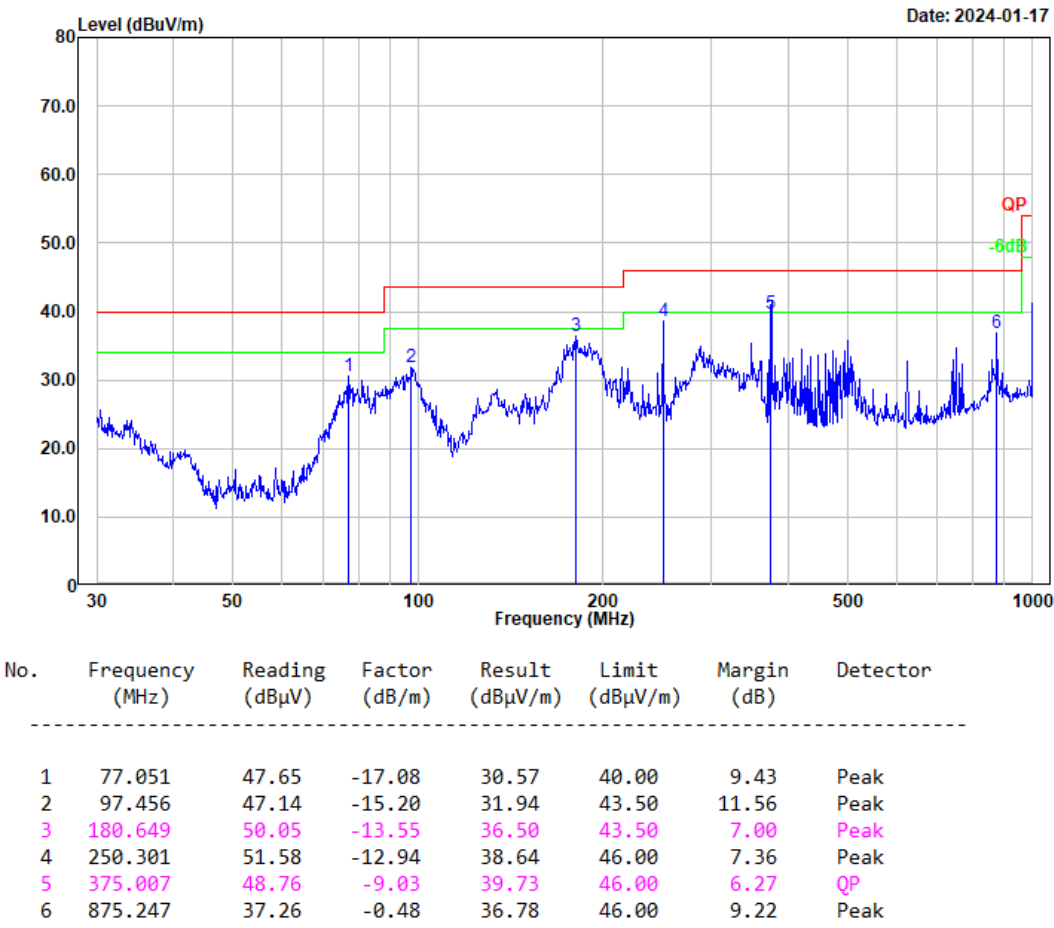


Project No.: CR231170784-EM  
Tester: Carl Xue  
Polarization: vertical  
Note: POE Power Supply& Taking& USB Type-C Port Discharge

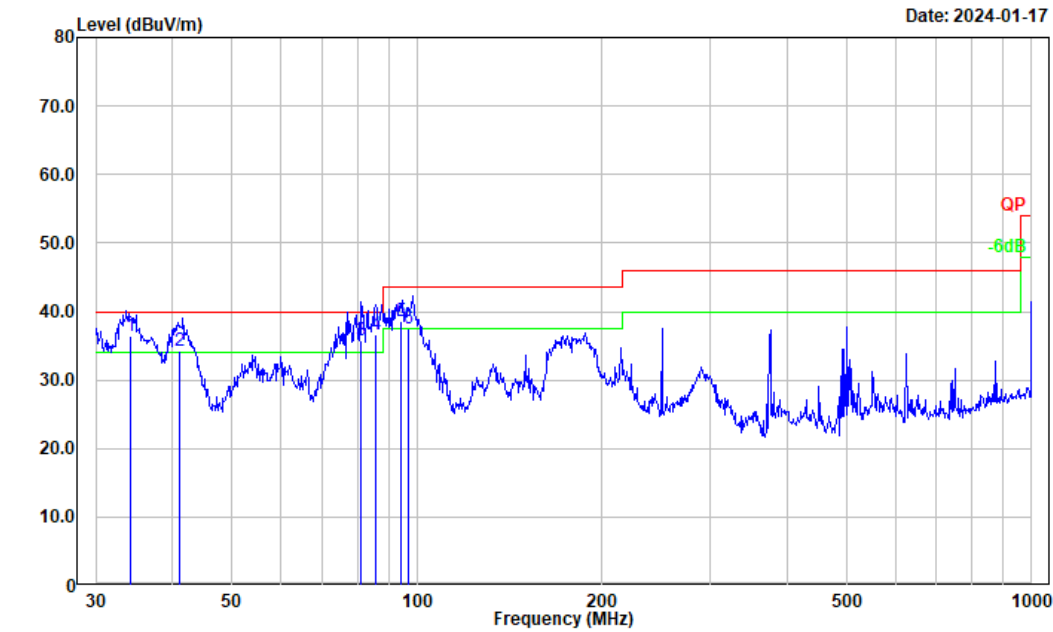


M5:

Project No.: CR231170784-EM  
Tester: Carl Xue  
Polarization: horizontal  
Note: POE Power Supply& Hands-free calls& USB Type-C Port Discharge

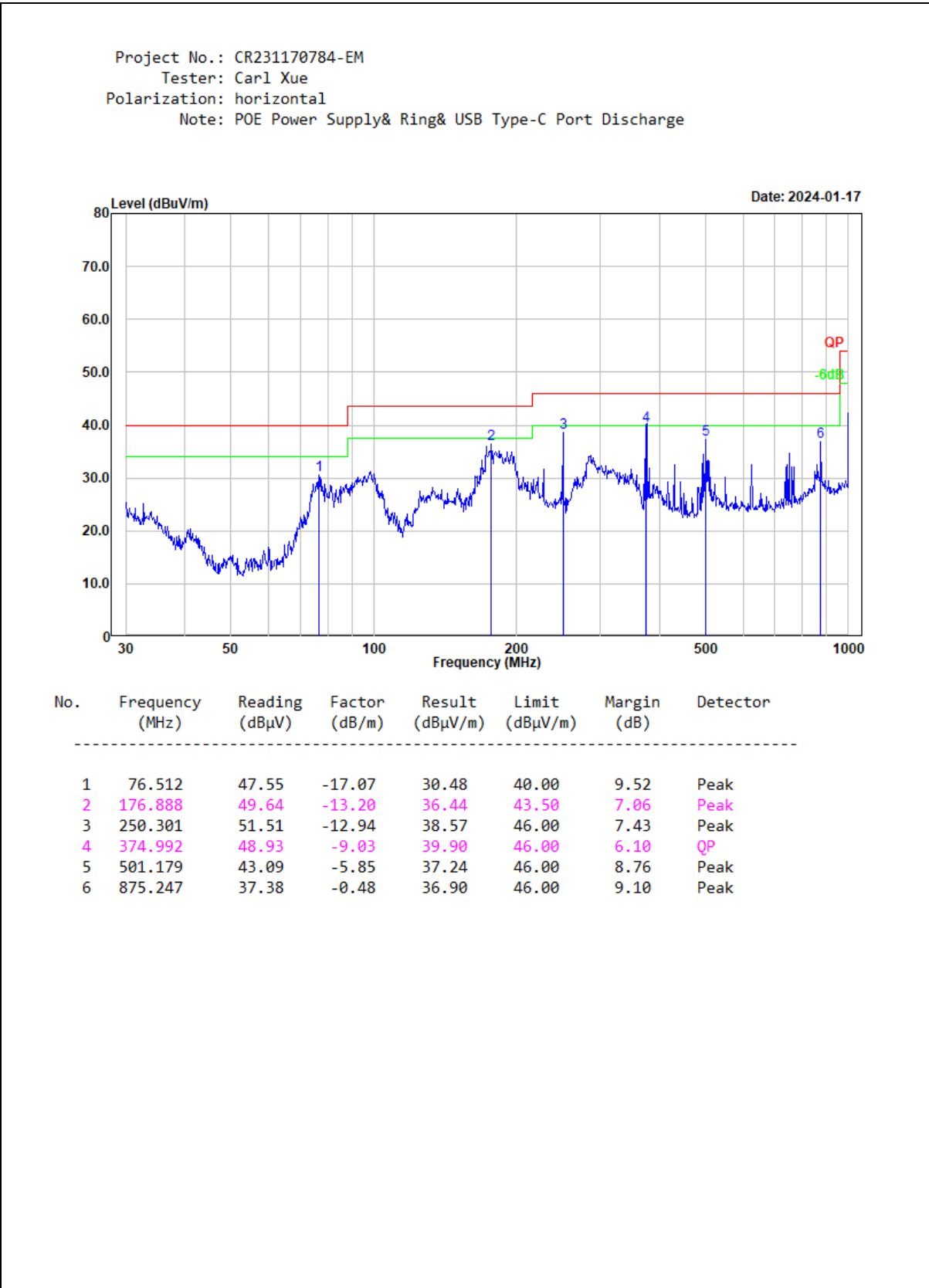


Project No.: CR231170784-EM  
Tester: Carl Xue  
Polarization: vertical  
Note: POE Power Supply& Hands-free calls& USB Type-C Port Discharge

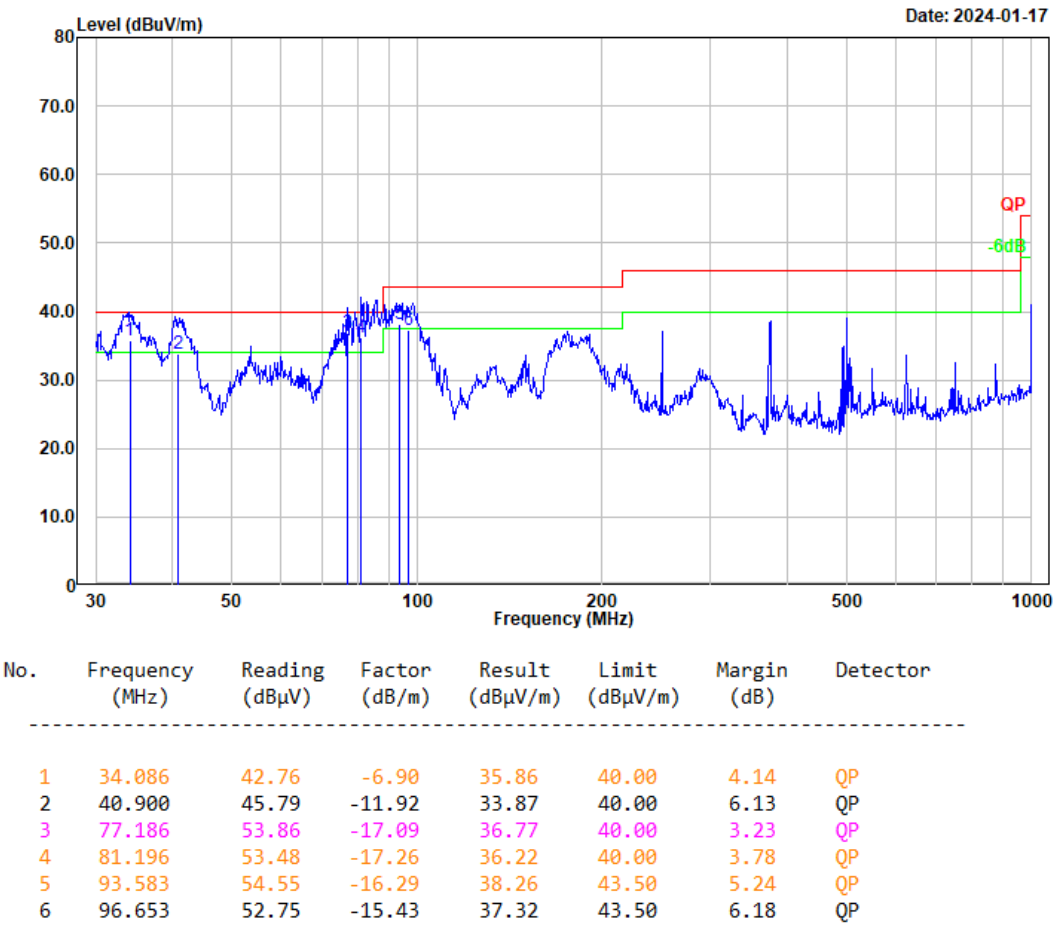


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 34.122             | 43.33             | -6.92            | 36.41              | 40.00             | 3.59           | QP       |
| 2   | 41.014             | 46.21             | -12.02           | 34.19              | 40.00             | 5.81           | QP       |
| 3   | 81.186             | 53.14             | -17.26           | 35.88              | 40.00             | 4.12           | QP       |
| 4   | 85.598             | 53.89             | -17.24           | 36.65              | 40.00             | 3.35           | QP       |
| 5   | 94.364             | 54.82             | -16.14           | 38.68              | 43.50             | 4.82           | QP       |
| 6   | 97.054             | 52.70             | -15.28           | 37.42              | 43.50             | 6.08           | QP       |

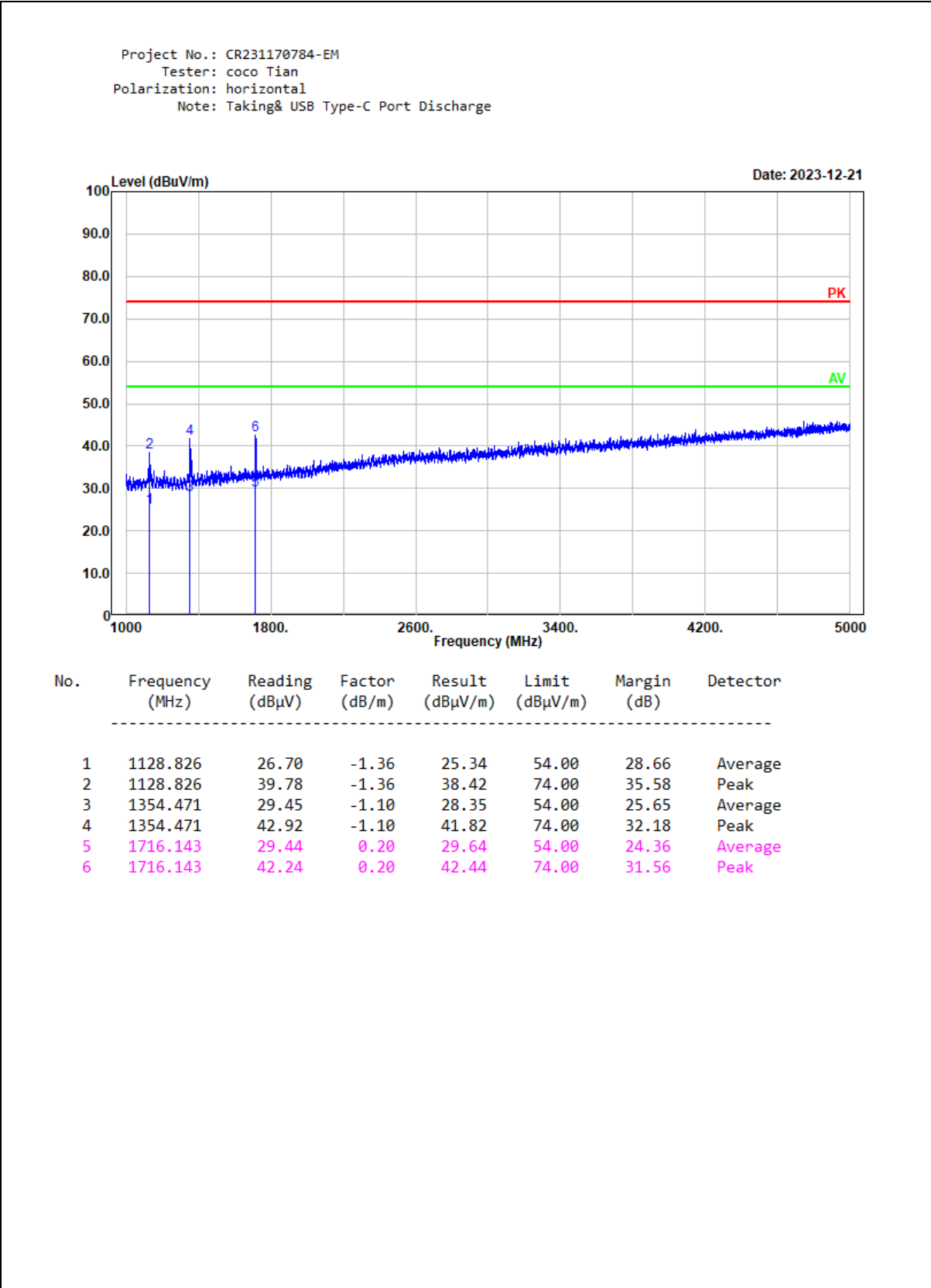
M6:



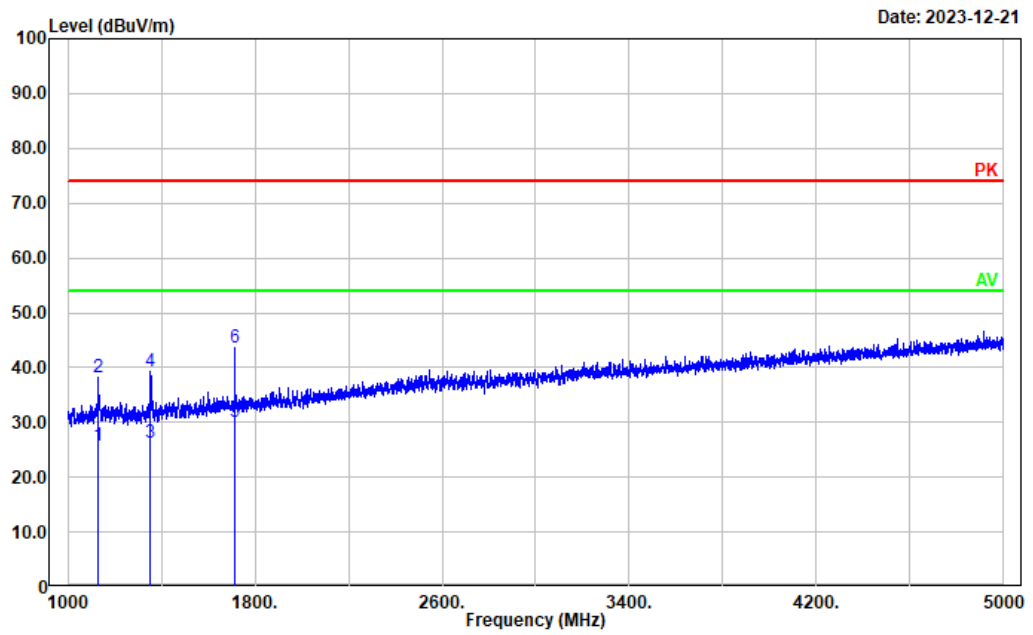
Project No.: CR231170784-EM  
Tester: Carl Xue  
Polarization: vertical  
Note: POE Power Supply& Ring& USB Type-C Port Discharge



2)Above 1GHz:  
M1:

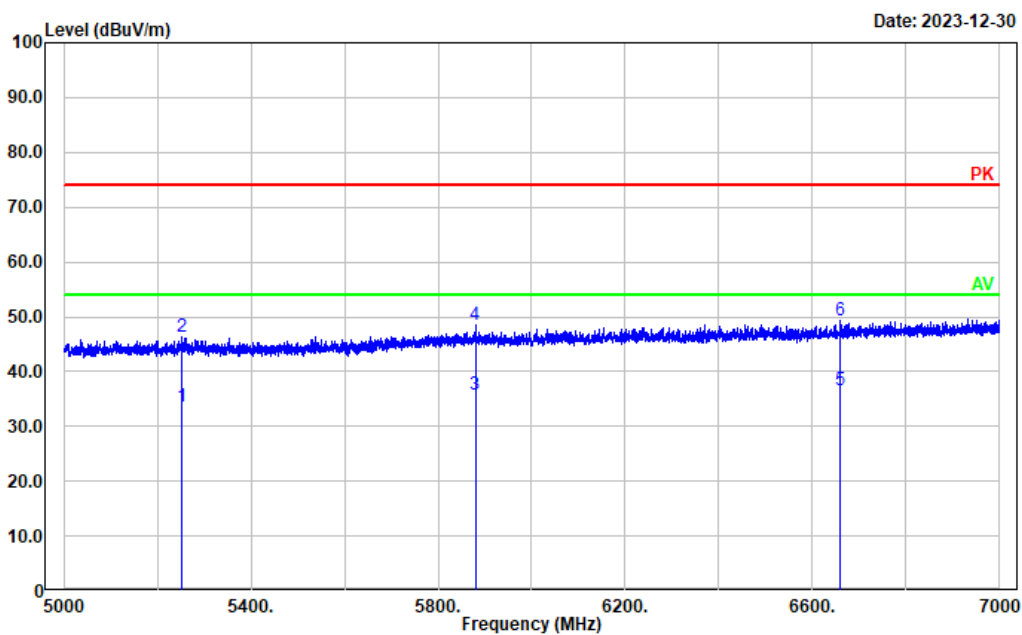


Project No.: CR231170784-EM  
Tester: coco Tian  
Polarization: vertical  
Note: Taking& USB Type-C Port Discharge



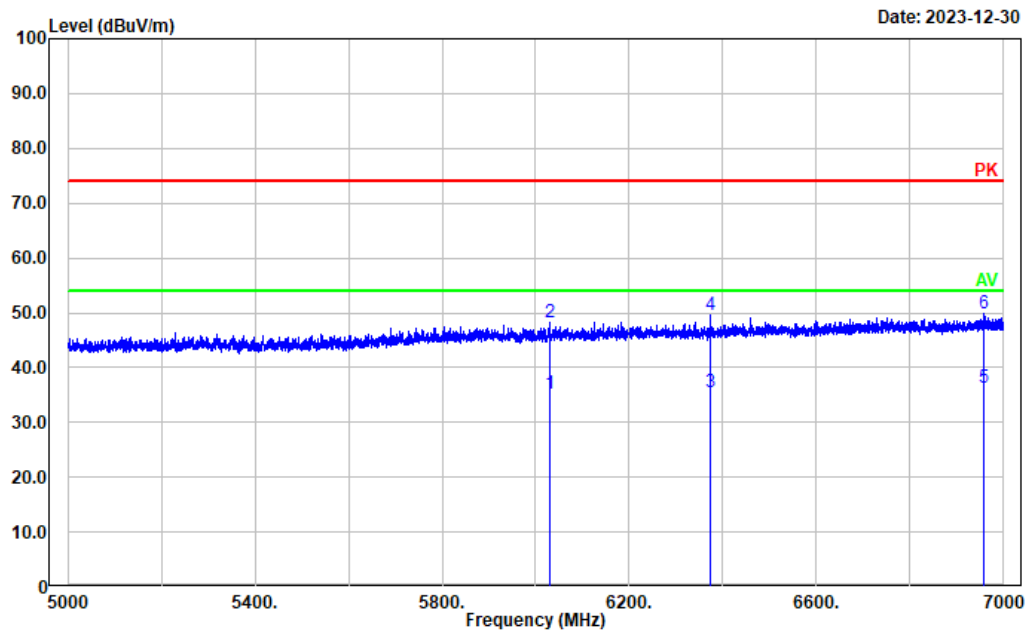
| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1128.826           | 26.99             | -1.36            | 25.63              | 54.00             | 28.37          | Average  |
| 2   | 1128.826           | 39.53             | -1.36            | 38.17              | 74.00             | 35.83          | Peak     |
| 3   | 1354.471           | 27.51             | -1.10            | 26.41              | 54.00             | 27.59          | Average  |
| 4   | 1354.471           | 40.29             | -1.10            | 39.19              | 74.00             | 34.81          | Peak     |
| 5   | 1713.743           | 29.96             | 0.19             | 30.15              | 54.00             | 23.85          | Average  |
| 6   | 1713.743           | 43.39             | 0.19             | 43.58              | 74.00             | 30.42          | Peak     |

Project No.: CR231170784-EM  
Tester: coco Tian  
Polarization: horizontal  
Note: Taking& USB Type-C Port Discharge



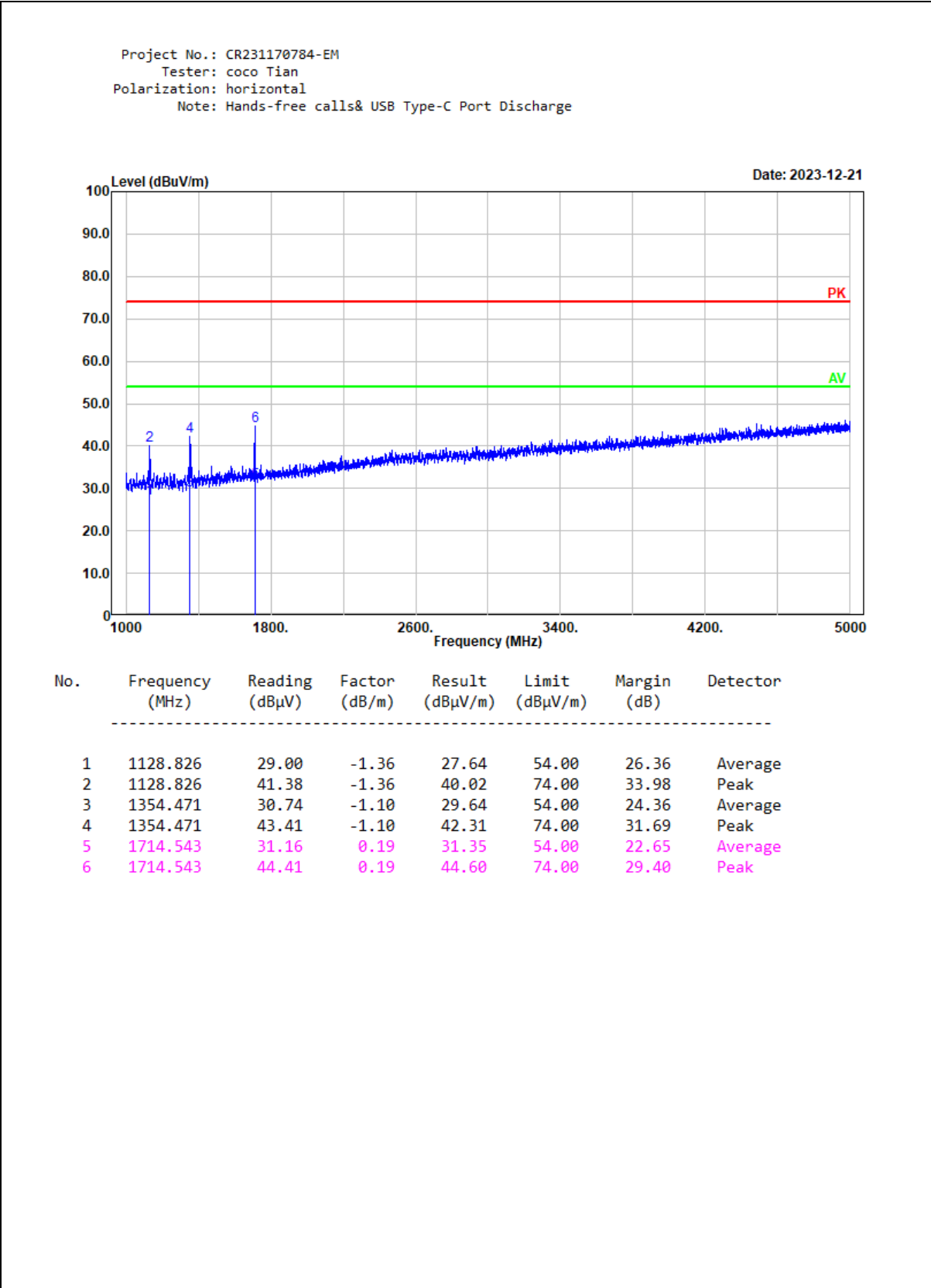
| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 5253.651           | 21.63             | 11.89            | 33.52              | 54.00             | 20.48          | Average  |
| 2   | 5253.651           | 34.45             | 11.89            | 46.34              | 74.00             | 27.66          | Peak     |
| 3   | 5879.376           | 22.72             | 12.92            | 35.64              | 54.00             | 18.36          | Average  |
| 4   | 5879.376           | 35.46             | 12.92            | 48.38              | 74.00             | 25.62          | Peak     |
| 5   | 6660.332           | 21.98             | 14.56            | 36.54              | 54.00             | 17.46          | Average  |
| 6   | 6660.332           | 34.66             | 14.56            | 49.22              | 74.00             | 24.78          | Peak     |

Project No.: CR231170784-EM  
Tester: coco Tian  
Polarization: vertical  
Note: Taking& USB Type-C Port Discharge

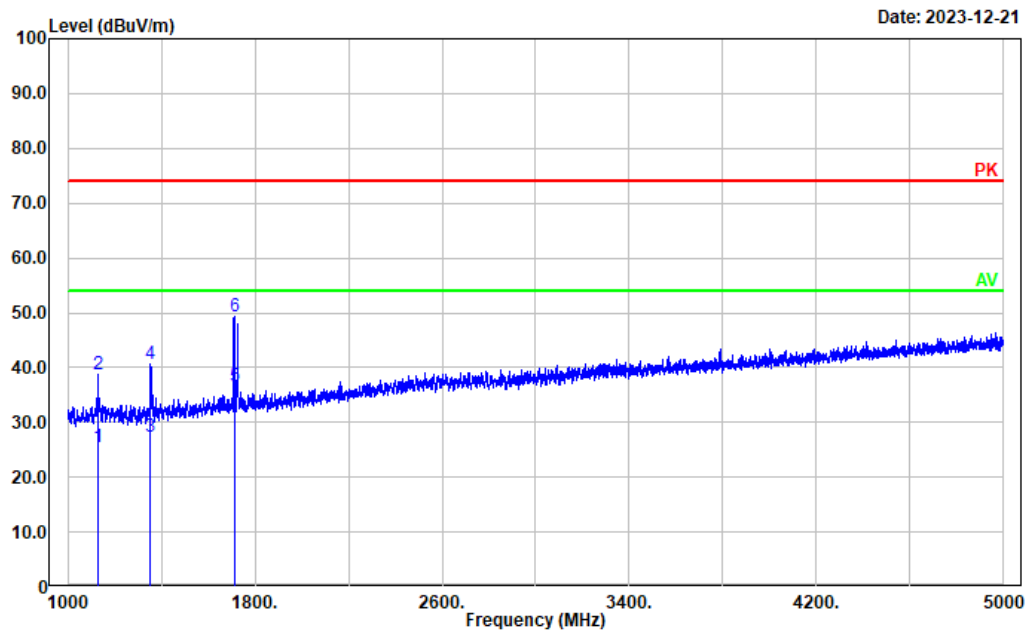


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 6029.806           | 21.91             | 13.43            | 35.34              | 54.00             | 18.66          | Average  |
| 2   | 6029.806           | 34.93             | 13.43            | 48.36              | 74.00             | 25.64          | Peak     |
| 3   | 6373.475           | 21.44             | 14.08            | 35.52              | 54.00             | 18.48          | Average  |
| 4   | 6373.475           | 35.41             | 14.08            | 49.49              | 74.00             | 24.51          | Peak     |
| 5   | 6957.591           | 21.44             | 14.93            | 36.37              | 54.00             | 17.63          | Average  |
| 6   | 6957.591           | 34.90             | 14.93            | 49.83              | 74.00             | 24.17          | Peak     |

M2:

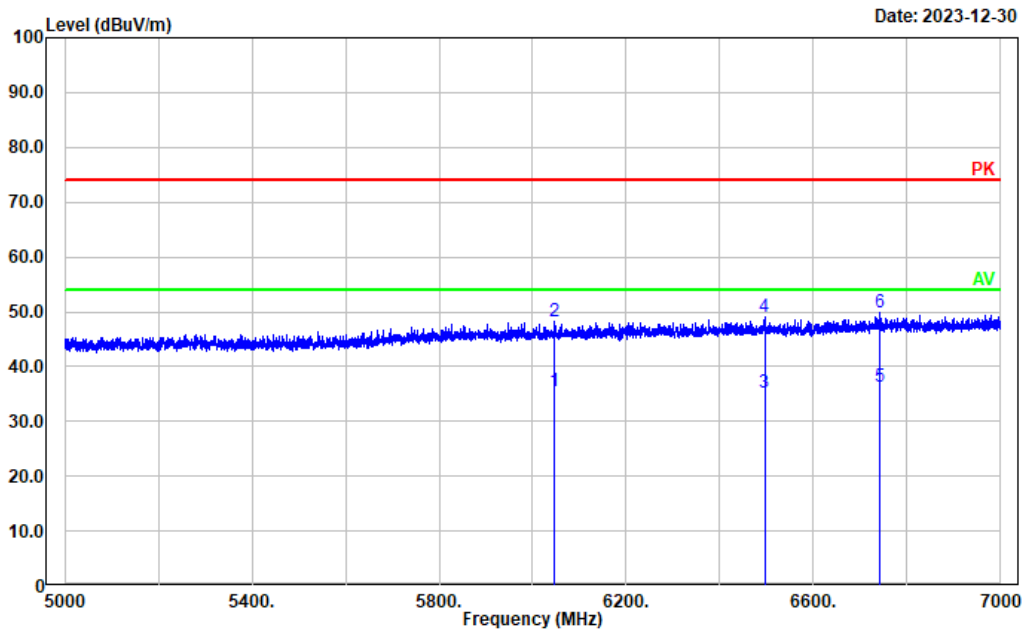


Project No.: CR231170784-EM  
Tester: coco Tian  
Polarization: vertical  
Note: Hands-free calls& USB Type-C Port Discharge



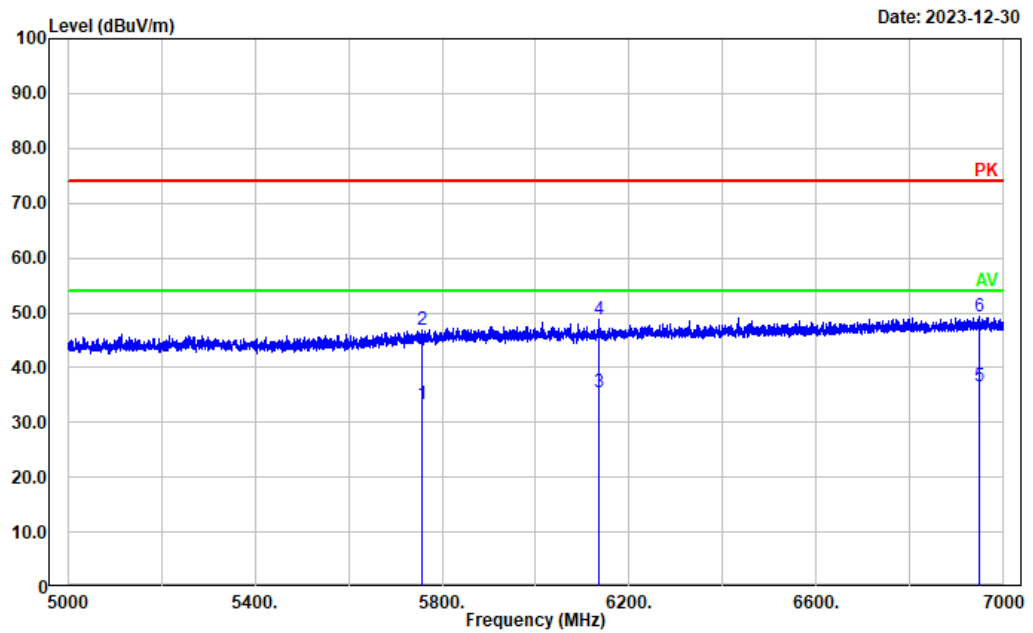
| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1128.826           | 26.70             | -1.36            | 25.34              | 54.00             | 28.66          | Average  |
| 2   | 1128.826           | 40.06             | -1.36            | 38.70              | 74.00             | 35.30          | Peak     |
| 3   | 1354.471           | 28.45             | -1.10            | 27.35              | 54.00             | 26.65          | Average  |
| 4   | 1354.471           | 41.74             | -1.10            | 40.64              | 74.00             | 33.36          | Peak     |
| 5   | 1712.943           | 36.33             | 0.19             | 36.52              | 54.00             | 17.48          | Average  |
| 6   | 1712.943           | 49.10             | 0.19             | 49.29              | 74.00             | 24.71          | Peak     |

Project No.: CR231170784-EM  
Tester: coco Tian  
Polarization: horizontal  
Note: Hands-free calls& USB Type-C Port Discharge



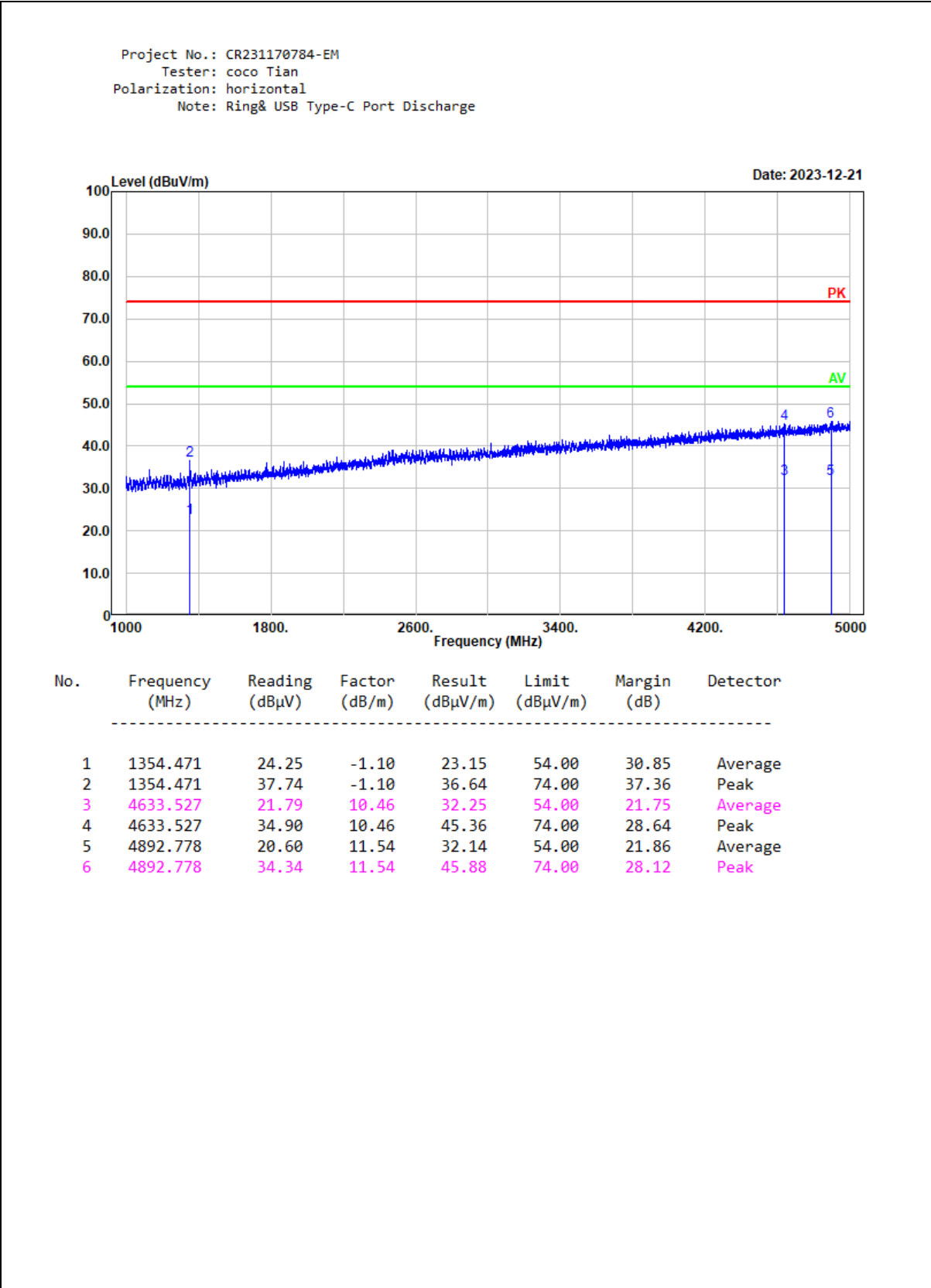
| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|-----------------|----------------|-------------|----------|
| 1   | 6046.209        | 21.83          | 13.54         | 35.37           | 54.00          | 18.63       | Average  |
| 2   | 6046.209        | 34.75          | 13.54         | 48.29           | 74.00          | 25.71       | Peak     |
| 3   | 6495.499        | 20.92          | 14.36         | 35.28           | 54.00          | 18.72       | Average  |
| 4   | 6495.499        | 34.59          | 14.36         | 48.95           | 74.00          | 25.05       | Peak     |
| 5   | 6741.548        | 21.76          | 14.61         | 36.37           | 54.00          | 17.63       | Average  |
| 6   | 6741.548        | 35.18          | 14.61         | 49.79           | 74.00          | 24.21       | Peak     |

Project No.: CR231170784-EM  
Tester: coco Tian  
Polarization: vertical  
Note: Hands-free calls& USB Type-C Port Discharge

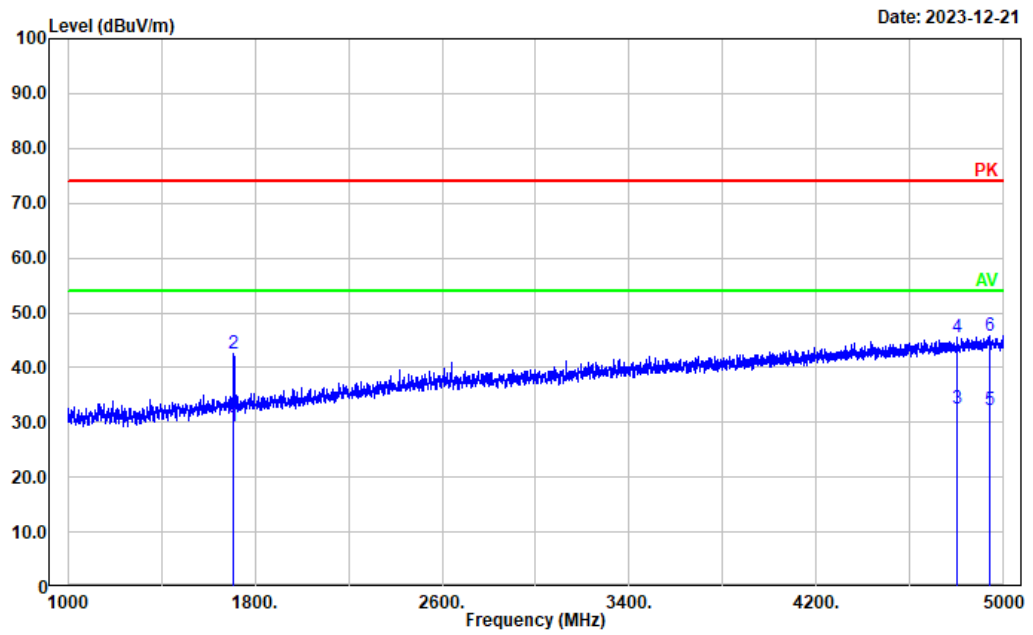


| No.   | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-------|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| <hr/> |                    |                   |                  |                    |                   |                |          |
| 1     | 5756.551           | 20.77             | 12.60            | 33.37              | 54.00             | 20.63          | Average  |
| 2     | 5756.551           | 34.36             | 12.60            | 46.96              | 74.00             | 27.04          | Peak     |
| 3     | 6133.827           | 21.72             | 13.66            | 35.38              | 54.00             | 18.62          | Average  |
| 4     | 6133.827           | 35.12             | 13.66            | 48.78              | 74.00             | 25.22          | Peak     |
| 5     | 6947.189           | 21.48             | 14.97            | 36.45              | 54.00             | 17.55          | Average  |
| 6     | 6947.189           | 34.37             | 14.97            | 49.34              | 74.00             | 24.66          | Peak     |

M3:

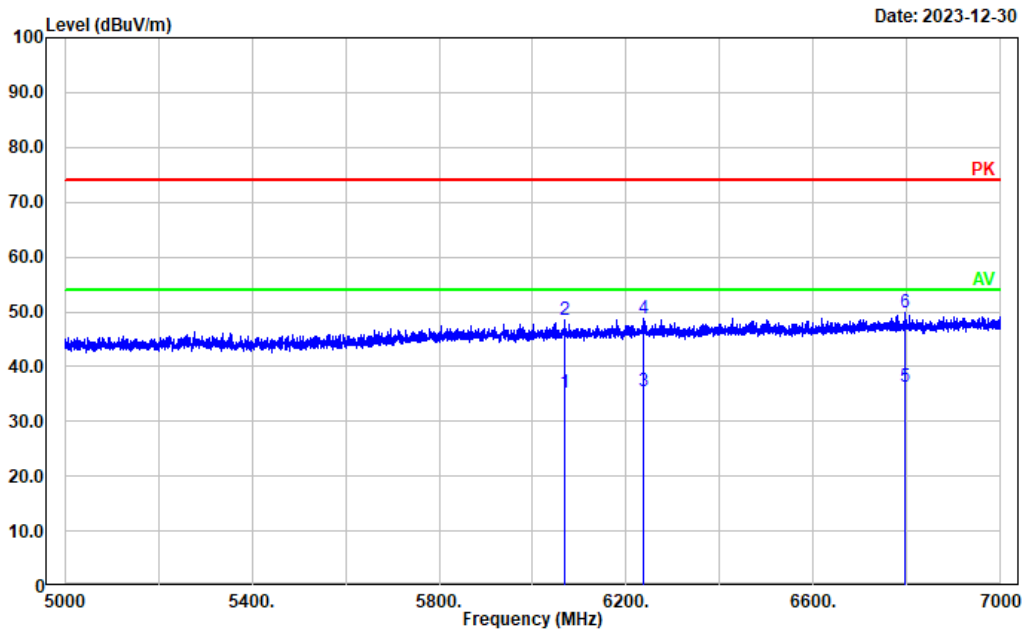


Project No.: CR231170784-EM  
Tester: coco Tian  
Polarization: vertical  
Note: Ring& USB Type-C Port Discharge



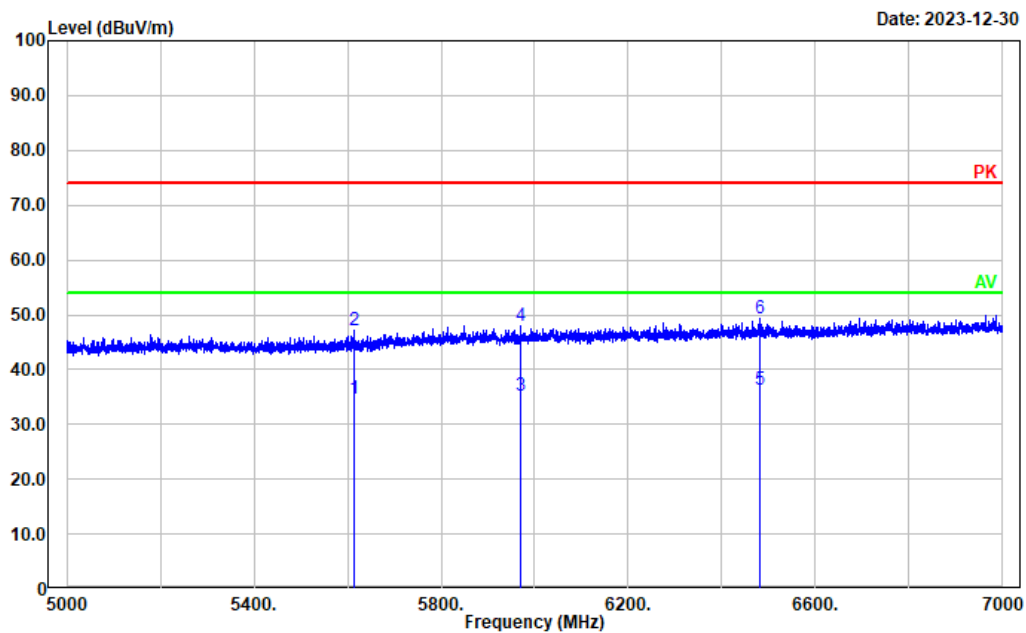
| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1710.542           | 29.17             | 0.18             | 29.35              | 54.00             | 24.65          | Average  |
| 2   | 1710.542           | 42.25             | 0.18             | 42.43              | 74.00             | 31.57          | Peak     |
| 3   | 4802.360           | 21.25             | 11.20            | 32.45              | 54.00             | 21.55          | Average  |
| 4   | 4802.360           | 34.29             | 11.20            | 45.49              | 74.00             | 28.51          | Peak     |
| 5   | 4939.188           | 20.65             | 11.73            | 32.38              | 54.00             | 21.62          | Average  |
| 6   | 4939.188           | 34.08             | 11.73            | 45.81              | 74.00             | 28.19          | Peak     |

Project No.: CR231170784-EM  
Tester: coco Tian  
Polarization: horizontal  
Note: Ring& USB Type-C Port Discharge



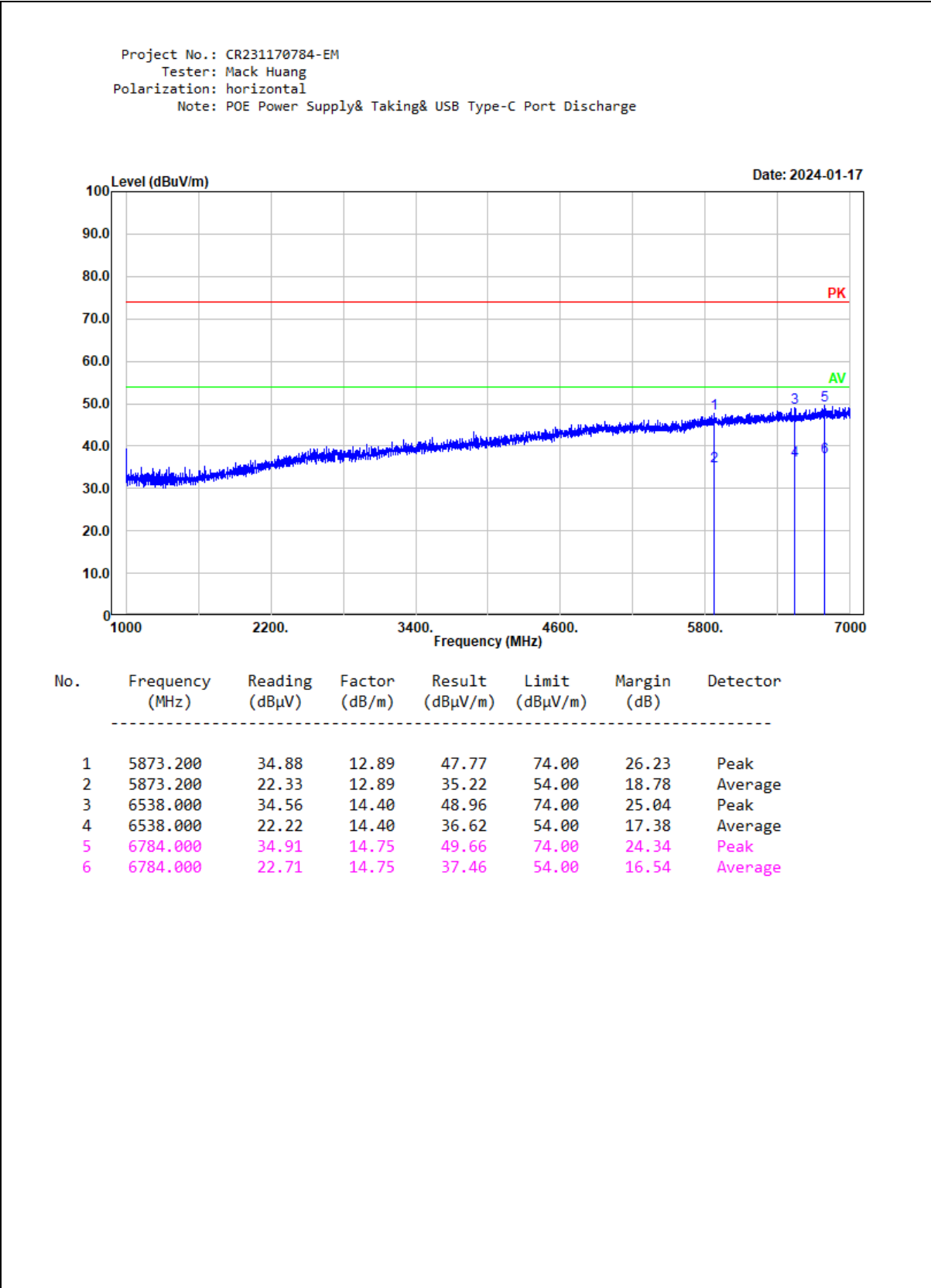
| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 6067.414           | 21.75             | 13.54            | 35.29              | 54.00             | 18.71          | Average  |
| 2   | 6067.414           | 34.87             | 13.54            | 48.41              | 74.00             | 25.59          | Peak     |
| 3   | 6236.647           | 21.64             | 13.84            | 35.48              | 54.00             | 18.52          | Average  |
| 4   | 6236.647           | 35.02             | 13.84            | 48.86              | 74.00             | 25.14          | Peak     |
| 5   | 6796.759           | 21.58             | 14.79            | 36.37              | 54.00             | 17.63          | Average  |
| 6   | 6796.759           | 35.05             | 14.79            | 49.84              | 74.00             | 24.16          | Peak     |

Project No.: CR231170784-EM  
Tester: coco Tian  
Polarization: vertical  
Note: Ring& USB Type-C Port Discharge

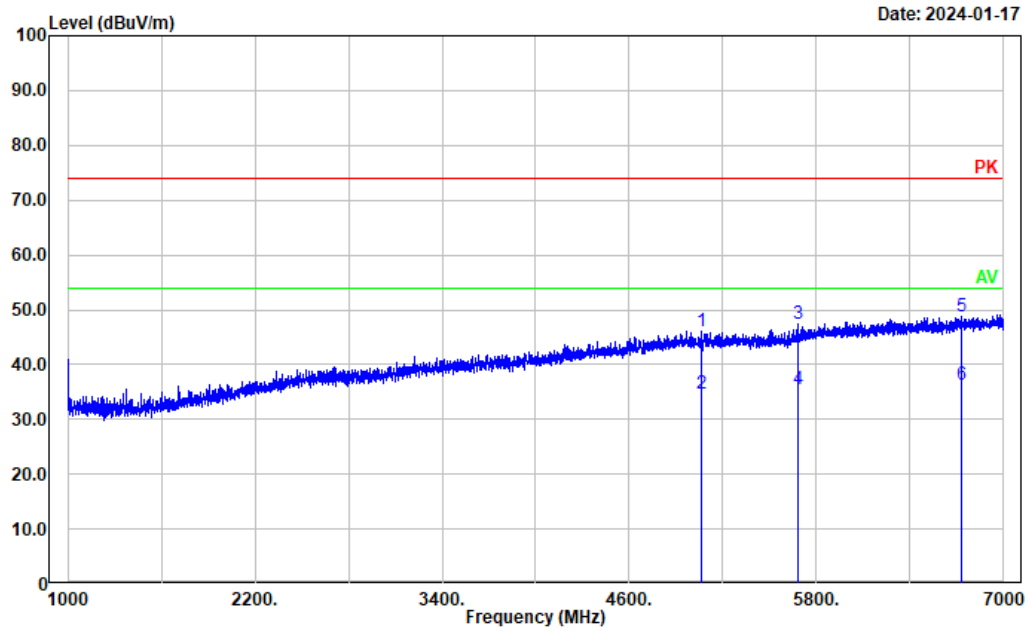


| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|-----------------|----------------|-------------|----------|
| 1   | 5614.923        | 22.54          | 12.12         | 34.66           | 54.00          | 19.34       | Average  |
| 2   | 5614.923        | 35.06          | 12.12         | 47.18           | 74.00          | 26.82       | Peak     |
| 3   | 5970.994        | 22.14          | 13.12         | 35.26           | 54.00          | 18.74       | Average  |
| 4   | 5970.994        | 34.92          | 13.12         | 48.04           | 74.00          | 25.96       | Peak     |
| 5   | 6482.296        | 22.05          | 14.32         | 36.37           | 54.00          | 17.63       | Average  |
| 6   | 6482.296        | 35.04          | 14.32         | 49.36           | 74.00          | 24.64       | Peak     |

M4:

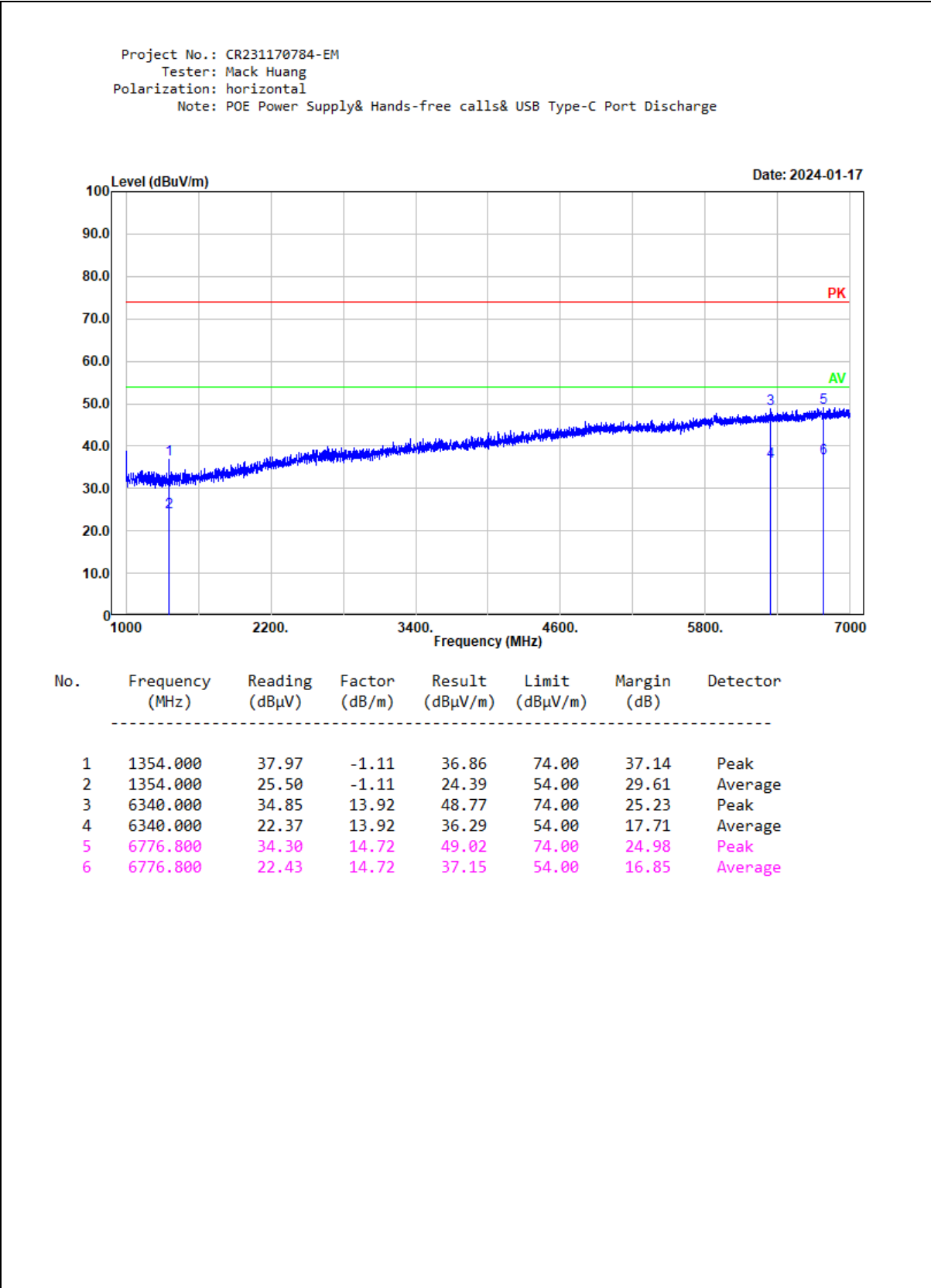


Project No.: CR231170784-EM  
Tester: Mack Huang  
Polarization: vertical  
Note: POE Power Supply& Taking& USB Type-C Port Discharge

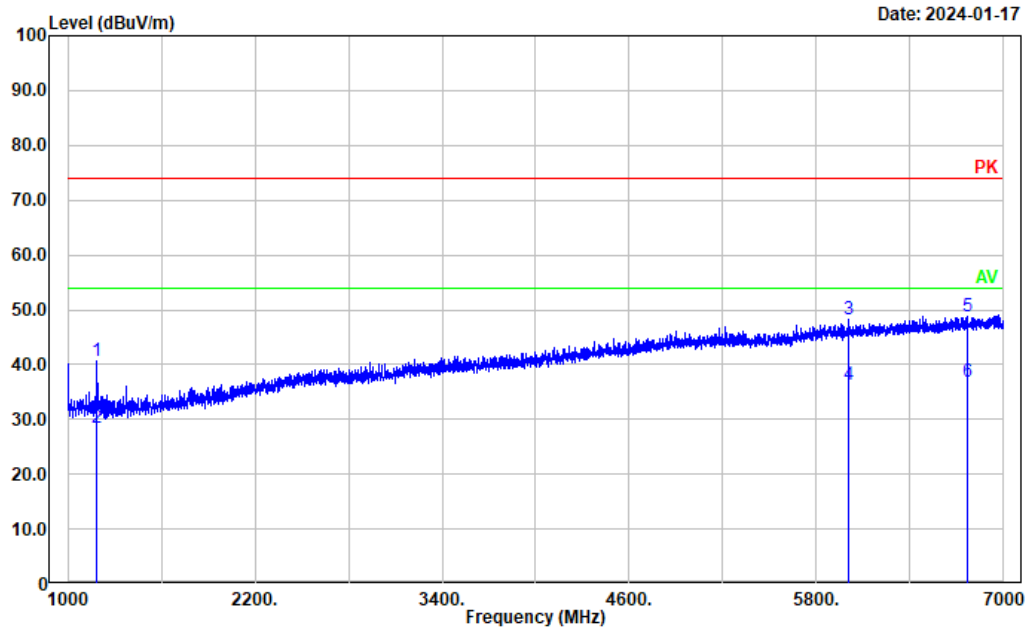


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 5060.800           | 34.35             | 11.68            | 46.03              | 74.00             | 27.97          | Peak     |
| 2   | 5060.800           | 23.10             | 11.68            | 34.78              | 54.00             | 19.22          | Average  |
| 3   | 5683.600           | 34.85             | 12.47            | 47.32              | 74.00             | 26.68          | Peak     |
| 4   | 5683.600           | 22.94             | 12.47            | 35.41              | 54.00             | 18.59          | Average  |
| 5   | 6733.600           | 34.30             | 14.60            | 48.90              | 74.00             | 25.10          | Peak     |
| 6   | 6733.600           | 21.65             | 14.60            | 36.25              | 54.00             | 17.75          | Average  |

M5:

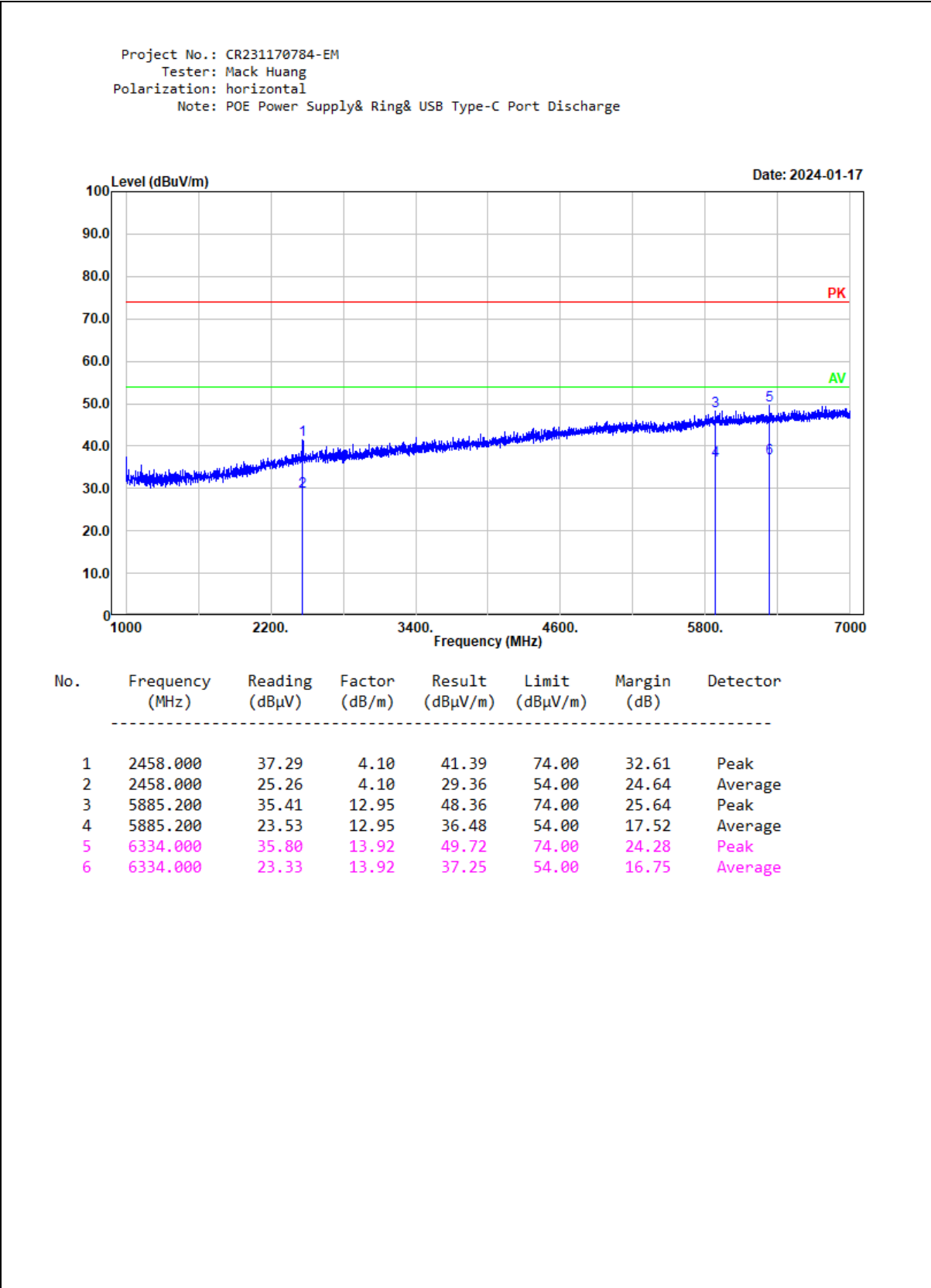


Project No.: CR231170784-EM  
Tester: Mack Huang  
Polarization: vertical  
Note: POE Power Supply& Hands-free calls& USB Type-C Port Discharge

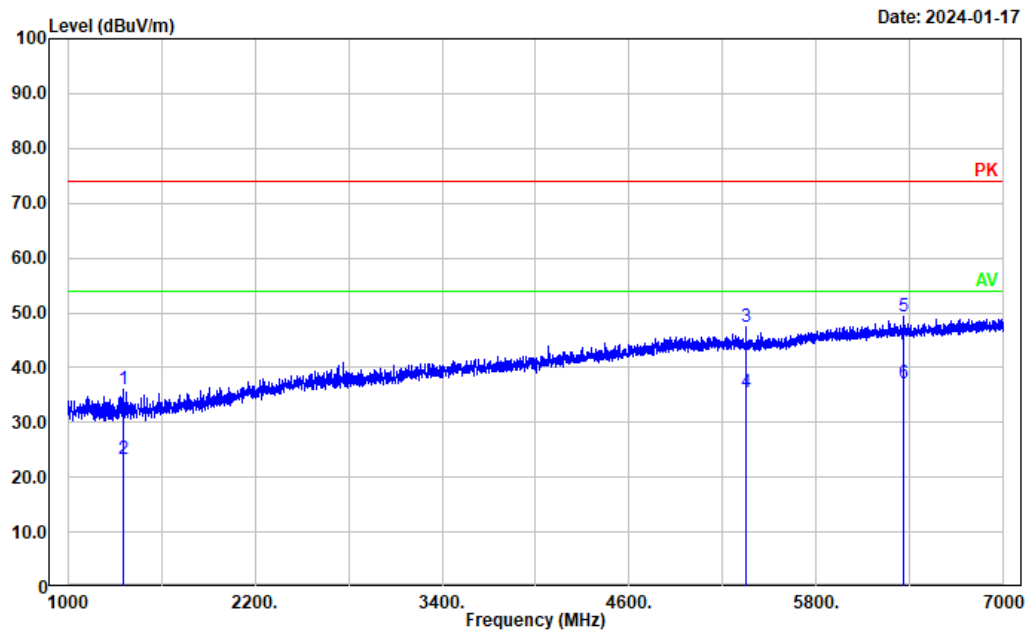


| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|-----------------|----------------|-------------|----------|
| 1   | 1189.600        | 41.76          | -1.24         | 40.52           | 74.00          | 33.48       | Peak     |
| 2   | 1189.600        | 29.60          | -1.24         | 28.36           | 54.00          | 25.64       | Average  |
| 3   | 6010.000        | 34.85          | 13.30         | 48.15           | 74.00          | 25.85       | Peak     |
| 4   | 6010.000        | 23.14          | 13.30         | 36.44           | 54.00          | 17.56       | Average  |
| 5   | 6766.000        | 34.02          | 14.69         | 48.71           | 74.00          | 25.29       | Peak     |
| 6   | 6766.000        | 22.18          | 14.69         | 36.87           | 54.00          | 17.13       | Average  |

M6:



Project No.: CR231170784-EM  
Tester: Mack Huang  
Polarization: vertical  
Note: POE Power Supply& Ring& USB Type-C Port Discharge



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|----------|
| 1   | 1354.000           | 37.05             | -1.11            | 35.94              | 74.00             | 38.06          | Peak     |
| 2   | 1354.000           | 24.47             | -1.11            | 23.36              | 54.00             | 30.64          | Average  |
| 3   | 5347.600           | 35.47             | 11.94            | 47.41              | 74.00             | 26.59          | Peak     |
| 4   | 5347.600           | 23.58             | 11.94            | 35.52              | 54.00             | 18.48          | Average  |
| 5   | 6361.600           | 35.23             | 14.00            | 49.23              | 74.00             | 24.77          | Peak     |
| 6   | 6361.600           | 23.24             | 14.00            | 37.24              | 54.00             | 16.76          | Average  |

## 5. EUT PHOTOGRAPHS

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Please refer to the attachment CR231170784-EXP EUT EXTERNAL PHOTOGRAPHS and CR231170784-INP EUT INTERNAL PHOTOGRAPHS

## 6. TEST SETUP PHOTOGRAPHS

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Please refer to the attachment CR231170784-00-TSP TEST SETUP PHOTOGRAPHS.

**\*\*\*\*\* END OF REPORT \*\*\*\*\***