NVLAP LAB CODE 600341-0

# TEST REPORT

| | |
|---|---|
| **Applicant:** | **PO FUNG ELECTRONIC (HK) INTERNATONAL GROUP COMPANY LIMITED** |
| **Address:** | **Room 1508, 15/F, Office Tower II, Grand Plaza, 625 Nathan Road, Kowloon, Hong Kong** |
| **Product Name:** | **Amateur Radio** |
| **FCC ID:** | **2AJGM-NAK6** |
| **Standard(s):** | **FCC Part 15B<br>ANSI C63.4-2014** |
| **Report Number:** | **2402U68779E-RF-00A** |
| **Report Date:** | **2024/7/15** |

The above device has been tested and found compliant with the requirement of the relative standards by Bay Area Compliance Laboratories Corp. (Dongguan).

| | |
|---|---|
| **Reviewed By:** Gavin Xu | **Approved By:** Ivan Cao |
| Title: RF Engineer | Title: EMC Manager |

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# DOCUMENT REVISION HISTORY

| Revision Number | Report Number | Description of Revision | Date of Revision |
|---|---|---|---|
| 1.0 | 2402U68779E-RF-00A | Original Report | 2024/7/15 |

# 1. GENERAL INFORMATION

## 1.1 General Description Of Equipment Under Test

| | |
|---|---|
| **Product Name:** | Amateur Radio |
| **Test Model:** | NA-K6 |
| **Multiple Models:** | NA-K61, NA-K62, NA-K63, NA-K65, NA-K66, NA-K67, AR-K6, AT-K6,BF-K63 |
| **Highest Operation Frequency:** | 600MHz |
| **Rated Input Voltage:** | DC 7.4V from battery or DC 5V from adapter |
| **Serial Number:** | 2N05-1 |
| **EUT Received Date:** | 2024/6/17 |
| **EUT Received Status:** | Good |
| Note:<br>The Multiple models are electrically identical with the test model. Please refer to the declaration letter for more detail, which was provided by manufacturer. | |

## 1.2 Accessory Information

| Accessory Description | Manufacturer | Model | Parameters |
|---|---|---|---|
| Adapter | Jian Aohai Technology Co., Ltd. | A318-050100W-US2 | Input: 100-240Vac 50/60Hz 0.2A<br>Output: 5Vdc 1A |
| Antenna 1 | Unknown | Unknown | 136-174/400-520MHz |
| Antenna 2 | Unknown | Unknown | 136-174/400-520MHz |

## 1.3 Equipment Modifications

No modifications are made to the EUT during all test items.

# 2. SUMMARY OF TEST RESULTS

| Standard Clause | Description of Test | Test Result |
|---|---|---|
| FCC§15.107 | Conducted emissions | Compliant |
| FCC§15.109 | Radiated emissions | Compliant |
| FCC§15.121(b) | Scanning receivers and frequency converters used with scanning receivers | Compliant |
| Note: For Conducted emissions, the test only performed with antenna 1. | | |

# 3. DESCRIPTION OF TEST CONFIGURATION

## 3.1 Operation Frequency And Test Channel:

| Operation Modes | Operation Frequency Range (MHz) | Test Frequency (MHz) |
|---|---|---|
| Scanning | 108-136, 136-174, 220-260, 350-390, 400-600 | 108-136<br>136-174<br>220-260<br>350-390<br>400-600 |
| Receiving | 108-136<br>136-174<br>220-260<br>350-390<br>400-600 | 108.0125, 122, 135.9875<br>136.0125, 155, 173.9875<br>220.0125, 240, 259.9875<br>350.0125, 370, 389.9875<br>400.0125, 500, 599.9875 |

## 3.2 Description of Test Configuration

The system was configured for testing in a typical fashion (as normally used by a typical user). The following summary table is showing all test modes to demonstrate in compliance with the standard:

| Test Items | Test Mode(s) |
|---|---|
| **Radiated Spurious Emission:** | Test Mode 1: Charging & Scanning(Battery 1#/Battery 2#)<br>Test Mode 2: Charging & Receiving(with Worst Battery) |
| **AC Line Conducted Emission:** | Test Mode 1: Charging & Scanning(Battery 1#/Battery 2#)<br>Test Mode 2: Charging & Receiving(with Worst Battery) |

## 3.3 EUT Exercise Software

No software was used to test.

## 3.4 Support Equipment List and Details

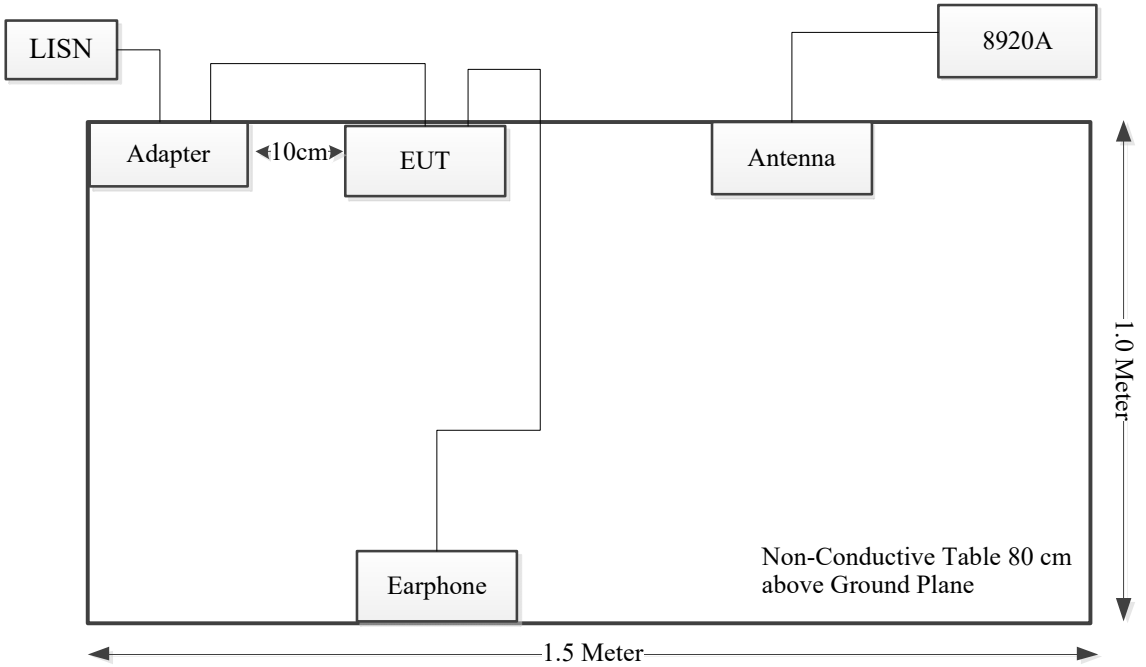
| Manufacturer | Description | Model | Serial Number |
|---|---|---|---|
| Unknown | Antenna | Unknown | Antenna 01 |
| HP | RF Communications Test Set | 8920A | 3438A05201 |
| Unknown | Antenna | Unknown | Antenna 02 |

## 3.5 Support Cable List and Details

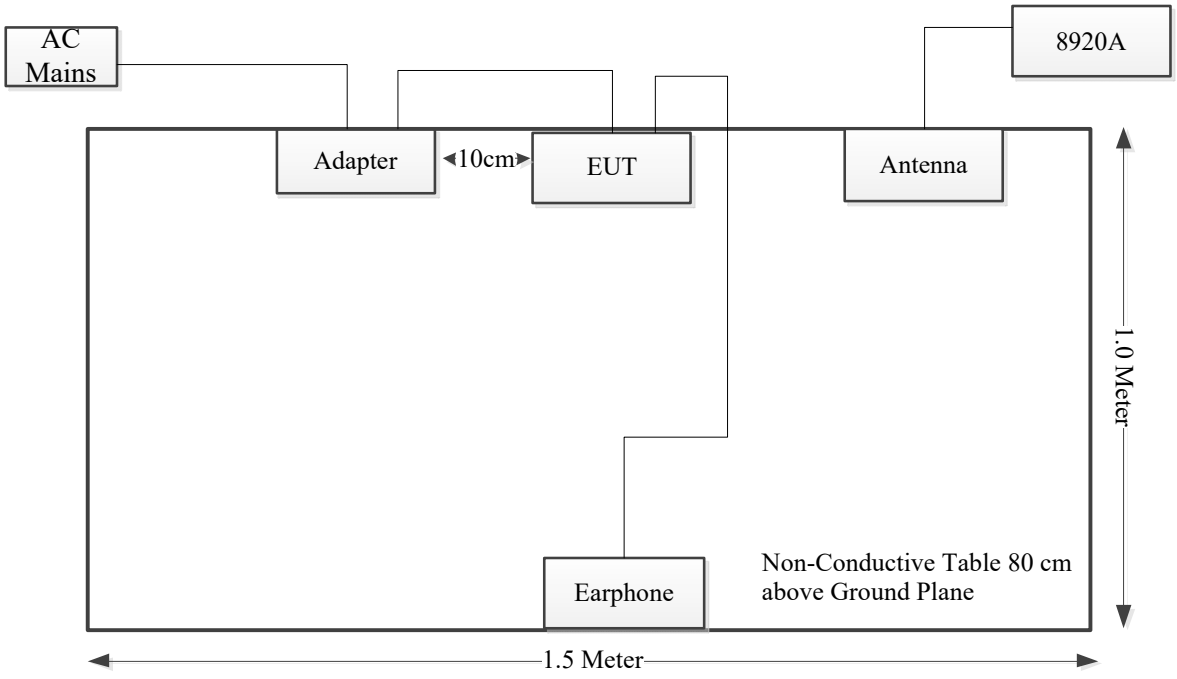
| Cable Description | Shielding Cable | Ferrite Core | Length (m) | From Port | To |
|---|---|---|---|---|---|
| DC Cable | No | No | 0.8 | Adapter | EUT |
| Earphone cable | No | No | 1.0 | Earphone | EUT |
| Antenna cable | Yes | No | 10 | Antenna | 8920A |

## 3.6 Block Diagram of Test Setup

AC line conducted emissions




Radiated Spurious Emissions:



## 3.7 Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.12, Pulong East 1st Road, Tangxia 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. : 829273, the FCC Designation No. : CN5044.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0022.

## 3.8 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 | 9kHz~30MHz: 3.3dB, 30MHz~200MHz: 4.55 dB, 200MHz~1GHz: 5.92 dB, 1GHz~6GHz: 4.98 dB, 6GHz~18GHz: 5.89 dB, 18GHz~26.5GHz:5.47 dB, 26.5GHz~40GHz:5.63 dB |
| Unwanted Emissions, conducted | ±2.47 dB |
| Temperature | ±1℃ |
| Humidity | ±5% |
| AC Power Lines Conducted Emission | 3.11 dB (150 kHz to 30 MHz) |

# 4. REQUIREMENTS AND TEST RESULTS

## 4.1 AC Line Conducted Emissions

### 4.1.1 Applicable Standard

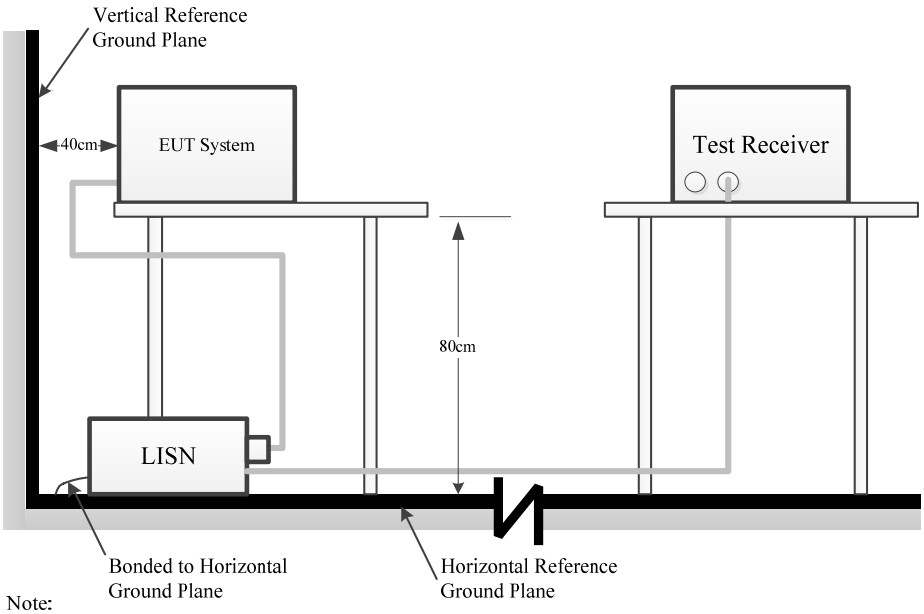
FCC§15.107

(a) Except for Class A digital devices, for equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μH/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges

| Frequency of emission (MHz) | Conducted limit (dBμV) | |
|---|---|---|
| | Quasi-peak | Average |
| 0.15–0.5 | 66 to 56* | 56 to 46* |
| 0.5–5 | 56 | 46 |
| 5–30 | 60 | 50 |

*Decreases with the logarithm of the frequency.

### 4.1.2 EUT Setup




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

### 4.1.3 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 |

### 4.1.4 Test Procedure

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase ("hot") line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current-carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

### 4.1.5 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

### 4.1.6 Test Data and Result

| | | | |
|---|---|---|---|
| Serial Number: | 2N05-1 | Test Date: | 2024/6/29 |
| Test Site: | CE | Test Mode: | Mode 1, Mode 2 |
| Tester: | Lane Sun | Test Result: | Pass |

**Environmental Conditions:**

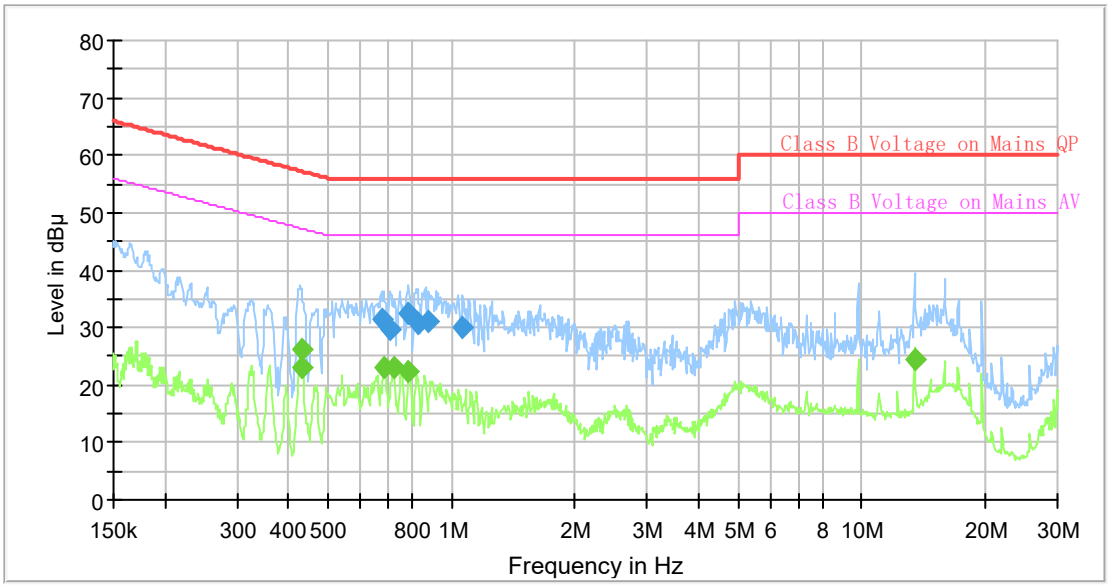
| | | | | | |
|---|---|---|---|---|---|
| Temperature: (℃) | 25.9 | Relative Humidity: (%) | 61 | ATM Pressure: (kPa) | 100.1 |

**Test Equipment List and Details:**

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|---|---|---|---|---|---|
| R&S | LISN | ENV216 | 101614 | 2023/10/18 | 2024/10/17 |
| MICRO-COAX | Coaxial Cable | C-NJNJ-50 | C-0200-01 | 2023/9/7 | 2024/9/6 |
| R&S | EMI Test Receiver | ESCI | 100035 | 2023/8/18 | 2024/8/17 |
| R&S | Test Software | EMC32 | V9.10.00 | N/A | N/A |

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

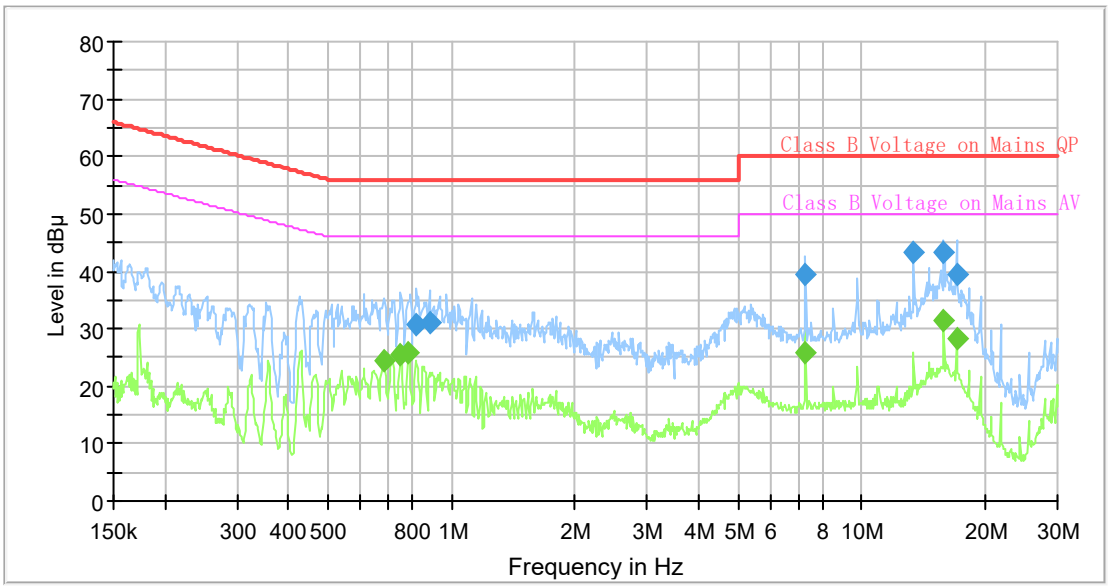
| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Date: | 2024-6-29 |
| Test Engineer: | Lane Sun |
| Port: | L |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | battery 1#, Scanning 108-136MHz |




## Final_Result

| Frequency (MHz) | QuasiPeak (dB µ V) | Average (dB µ V) | Limit (dB µ V) | Margin (dB) | Bandwidth (kHz) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|---|
| 0.429665 | --- | 26.30 | 47.26 | 20.96 | 9.000 | L1 | 10.8 |
| 0.433973 | --- | 23.08 | 47.18 | 24.10 | 9.000 | L1 | 10.8 |
| 0.676460 | 31.43 | --- | 56.00 | 24.57 | 9.000 | L1 | 10.9 |
| 0.686657 | --- | 23.04 | 46.00 | 22.96 | 9.000 | L1 | 10.9 |
| 0.707516 | 29.66 | --- | 56.00 | 26.34 | 9.000 | L1 | 10.9 |
| 0.721773 | --- | 22.94 | 46.00 | 23.06 | 9.000 | L1 | 10.9 |
| 0.785640 | --- | 22.49 | 46.00 | 23.51 | 9.000 | L1 | 10.9 |
| 0.785640 | 32.61 | --- | 56.00 | 23.39 | 9.000 | L1 | 10.9 |
| 0.825818 | 30.81 | --- | 56.00 | 25.19 | 9.000 | L1 | 10.9 |
| 0.881136 | 31.04 | --- | 56.00 | 24.96 | 9.000 | L1 | 10.9 |
| 1.065010 | 29.94 | --- | 56.00 | 26.06 | 9.000 | L1 | 10.8 |
| 13.485870 | --- | 24.47 | 50.00 | 25.53 | 9.000 | L1 | 10.8 |

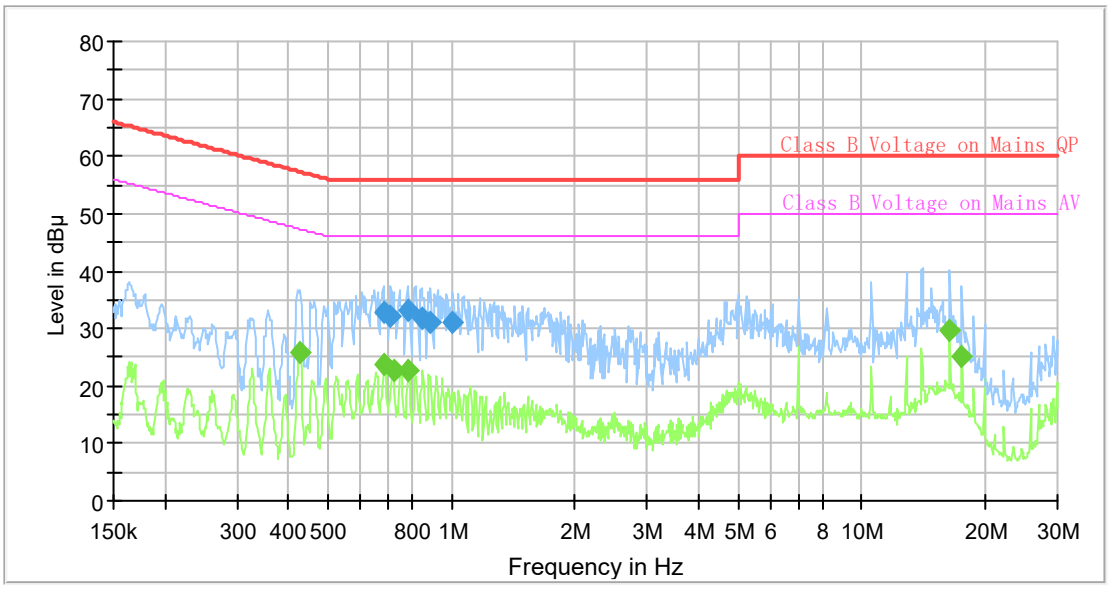
| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Date: | 2024-6-29 |
| Test Engineer: | Lane Sun |
| Port: | N |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | battery 1#, Scanning 108-136MHz |




## Final_Result

| Frequency (MHz) | QuasiPeak (dB µV) | Average (dB µV) | Limit (dB µV) | Margin (dB) | Bandwidth (kHz) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|---|
| 0.683241 | --- | 24.31 | 46.00 | 21.69 | 9.000 | N | 10.8 |
| 0.751154 | --- | 25.60 | 46.00 | 20.40 | 9.000 | N | 10.8 |
| 0.785640 | --- | 25.69 | 46.00 | 20.31 | 9.000 | N | 10.8 |
| 0.821710 | 30.91 | --- | 56.00 | 25.09 | 9.000 | N | 10.8 |
| 0.885542 | 30.93 | --- | 56.00 | 25.07 | 9.000 | N | 10.8 |
| 7.302194 | 39.52 | --- | 60.00 | 20.48 | 9.000 | N | 10.8 |
| 7.302194 | --- | 25.92 | 50.00 | 24.08 | 9.000 | N | 10.8 |
| 13.418776 | 43.42 | --- | 60.00 | 16.58 | 9.000 | N | 10.9 |
| 15.819507 | 43.49 | --- | 60.00 | 16.51 | 9.000 | N | 10.9 |
| 15.819507 | --- | 31.48 | 50.00 | 18.52 | 9.000 | N | 10.9 |
| 17.048409 | --- | 28.24 | 50.00 | 21.76 | 9.000 | N | 10.9 |
| 17.048409 | 39.41 | --- | 60.00 | 20.59 | 9.000 | N | 10.9 |

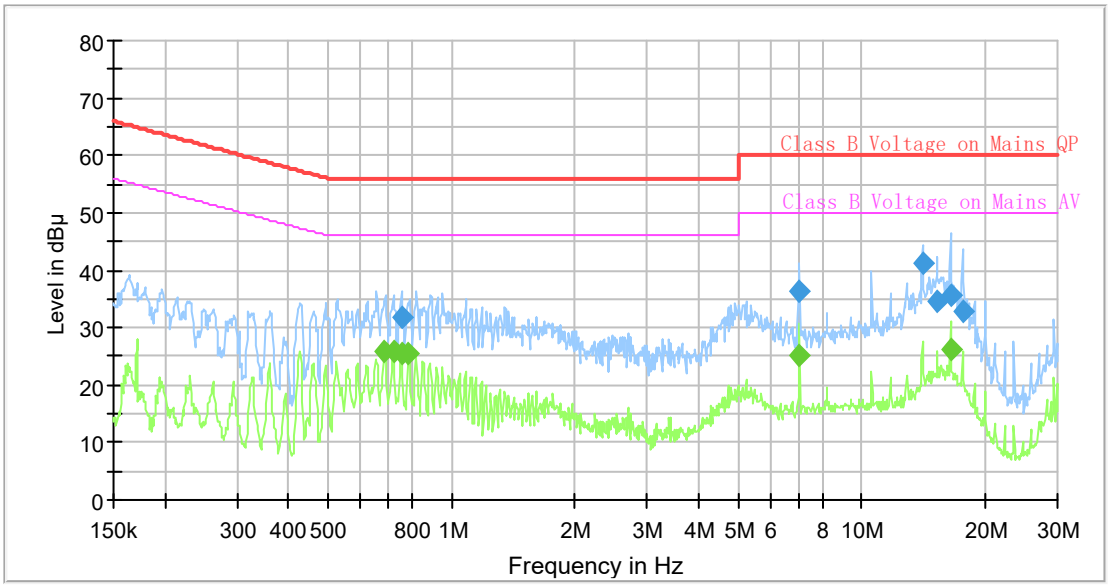
| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Date: | 2024-6-29 |
| Test Engineer: | Lane Sun |
| Port: | L |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | battery 2#, Scanning 108-136MHz |




## Final_Result

| Frequency (MHz) | QuasiPeak (dB µ V) | Average (dB µ V) | Limit (dB µ V) | Margin (dB) | Bandwidth (kHz) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|---|
| 0.427528 | --- | 25.77 | 47.30 | 21.53 | 9.000 | L1 | 10.8 |
| 0.683241 | 32.72 | --- | 56.00 | 23.28 | 9.000 | L1 | 10.9 |
| 0.686657 | --- | 23.69 | 46.00 | 22.31 | 9.000 | L1 | 10.9 |
| 0.711054 | 32.26 | --- | 56.00 | 23.74 | 9.000 | L1 | 10.9 |
| 0.721773 | --- | 22.68 | 46.00 | 23.32 | 9.000 | L1 | 10.9 |
| 0.781732 | 33.16 | --- | 56.00 | 22.84 | 9.000 | L1 | 10.9 |
| 0.785640 | --- | 22.67 | 46.00 | 23.33 | 9.000 | L1 | 10.9 |
| 0.846671 | 31.89 | --- | 56.00 | 24.11 | 9.000 | L1 | 10.9 |
| 0.889970 | 31.04 | --- | 56.00 | 24.96 | 9.000 | L1 | 10.9 |
| 1.008154 | 31.07 | --- | 56.00 | 24.93 | 9.000 | L1 | 10.8 |
| 16.381564 | --- | 29.76 | 50.00 | 20.24 | 9.000 | L1 | 10.9 |
| 17.566298 | --- | 25.27 | 50.00 | 24.73 | 9.000 | L1 | 10.9 |

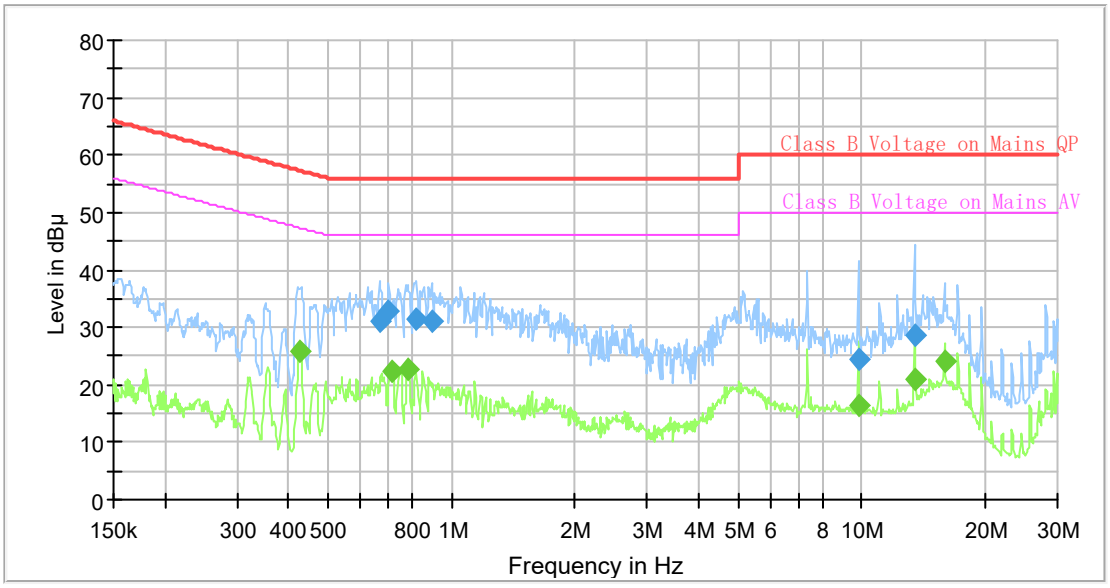
| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Date: | 2024-6-29 |
| Test Engineer: | Lane Sun |
| Port: | N |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | battery 2#, Scanning 108-136MHz |




## Final_Result

| Frequency (MHz) | QuasiPeak (dB µ V) | Average (dB µ V) | Limit (dB µ V) | Margin (dB) | Bandwidth (kHz) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|---|
| 0.686657 | --- | 25.69 | 46.00 | 20.31 | 9.000 | N | 10.8 |
| 0.721773 | --- | 25.81 | 46.00 | 20.19 | 9.000 | N | 10.8 |
| 0.754910 | 31.79 | --- | 56.00 | 24.21 | 9.000 | N | 10.8 |
| 0.754910 | --- | 25.41 | 46.00 | 20.59 | 9.000 | N | 10.8 |
| 0.785640 | --- | 25.48 | 46.00 | 20.52 | 9.000 | N | 10.8 |
| 7.051653 | 36.42 | --- | 60.00 | 23.58 | 9.000 | N | 10.8 |
| 7.051653 | --- | 25.11 | 50.00 | 24.89 | 9.000 | N | 10.8 |
| 14.105014 | 41.18 | --- | 60.00 | 18.82 | 9.000 | N | 10.9 |
| 15.276734 | 34.48 | --- | 60.00 | 25.52 | 9.000 | N | 10.9 |
| 16.463472 | 35.49 | --- | 60.00 | 24.51 | 9.000 | N | 10.9 |
| 16.463472 | --- | 26.21 | 50.00 | 23.79 | 9.000 | N | 10.9 |
| 17.654129 | 32.82 | --- | 60.00 | 27.18 | 9.000 | N | 10.9 |

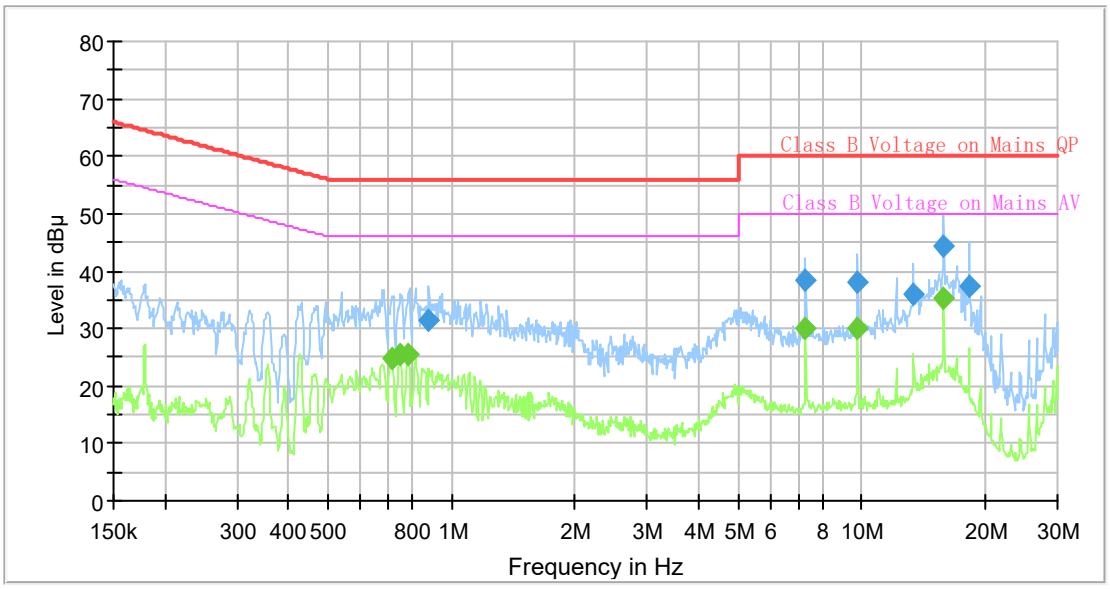
| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Date: | 2024-6-29 |
| Test Engineer: | Lane Sun |
| Port: | L |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | battery 1#, Receiving Frequency: 400.0125MHz |




## Final_Result

| Frequency (MHz) | QuasiPeak (dB µ V) | Average (dB µ V) | Limit (dB µ V) | Margin (dB) | Bandwidth (kHz) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|---|
| 0.427528 | --- | 25.83 | 47.30 | 21.47 | 9.000 | L1 | 10.8 |
| 0.666413 | 31.24 | --- | 56.00 | 24.76 | 9.000 | L1 | 10.8 |
| 0.703996 | 32.76 | --- | 56.00 | 23.24 | 9.000 | L1 | 10.9 |
| 0.714609 | --- | 22.52 | 46.00 | 23.48 | 9.000 | L1 | 10.9 |
| 0.785640 | --- | 22.83 | 46.00 | 23.17 | 9.000 | L1 | 10.9 |
| 0.821710 | 31.36 | --- | 56.00 | 24.64 | 9.000 | L1 | 10.9 |
| 0.894420 | 31.07 | --- | 56.00 | 24.93 | 9.000 | L1 | 10.9 |
| 9.800563 | --- | 16.47 | 50.00 | 33.53 | 9.000 | L1 | 10.8 |
| 9.800563 | 24.31 | --- | 60.00 | 35.69 | 9.000 | L1 | 10.8 |
| 13.485870 | --- | 20.90 | 50.00 | 29.10 | 9.000 | L1 | 10.8 |
| 13.485870 | 28.55 | --- | 60.00 | 31.45 | 9.000 | L1 | 10.8 |
| 15.898604 | --- | 24.05 | 50.00 | 25.95 | 9.000 | L1 | 10.9 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Date: | 2024-6-29 |
| Test Engineer: | Lane Sun |
| Port: | N |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | battery 1#, Receiving Frequency: 400.0125MHz |




## Final_Result

| Frequency (MHz) | QuasiPeak (dB µ V) | Average (dB µ V) | Limit (dB µ V) | Margin (dB) | Bandwidth (kHz) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|---|
| 0.714609 | --- | 24.69 | 46.00 | 21.31 | 9.000 | N | 10.8 |
| 0.747417 | --- | 25.33 | 46.00 | 20.67 | 9.000 | N | 10.8 |
| 0.781732 | --- | 25.54 | 46.00 | 20.46 | 9.000 | N | 10.8 |
| 0.881136 | 31.61 | --- | 56.00 | 24.39 | 9.000 | N | 10.8 |
| 7.302194 | --- | 30.14 | 50.00 | 19.86 | 9.000 | N | 10.8 |
| 7.302194 | 38.41 | --- | 60.00 | 21.59 | 9.000 | N | 10.8 |
| 9.751804 | 38.19 | --- | 60.00 | 21.81 | 9.000 | N | 10.9 |
| 9.751804 | --- | 30.16 | 50.00 | 19.84 | 9.000 | N | 10.9 |
| 13.352016 | 35.81 | --- | 60.00 | 24.19 | 9.000 | N | 10.9 |
| 15.819507 | 44.20 | --- | 60.00 | 15.80 | 9.000 | N | 10.9 |
| 15.819507 | --- | 35.20 | 50.00 | 14.80 | 9.000 | N | 10.9 |
| 18.281370 | 37.49 | --- | 60.00 | 22.51 | 9.000 | N | 10.9 |

## 4.2 Radiation Spurious Emissions

### 4.2.1 Applicable Standard

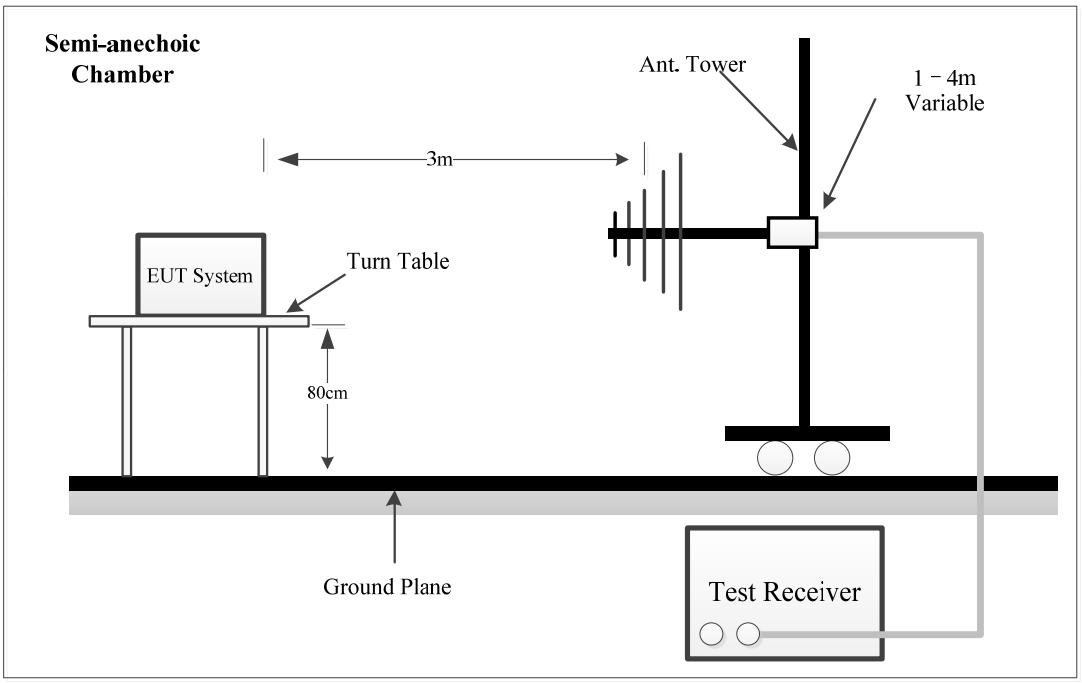
FCC§15.109

(a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

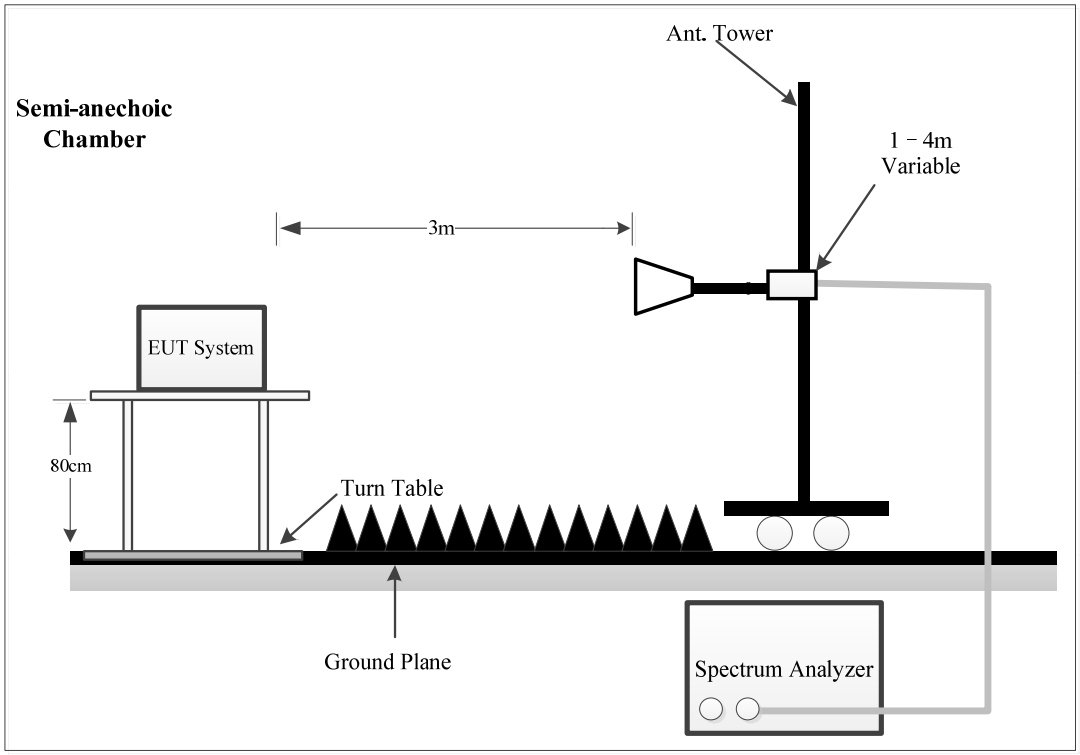
| Frequency of emission (MHz) | Field strength (microvolts/meter) |
|---|---|
| 30–88 | 100 |
| 88–216 | 150 |
| 216–960 | 200 |
| Above 960 | 500 |

### 4.2.2 Test System Setup

Below 1GHz:



Above 1GHz:




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

### 4.2.3 EMI Test Receiver Setup

The system was investigated from 30 MHz to 5 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 | Measurement |
|---|---|---|---|---|
| 30MHz – 1000 MHz | 100 kHz | 300 kHz | / | Peak |
| | / | / | 120kHz | QP |
| Above 1 GHz | 1 MHz | 3 MHz | / | Peak |
| | 1 MHz | 3 MHz | / | AVG |

### 4.2.4 Test Procedure

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, peak and average detection mode above 1 GHz.

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

### 4.2.5 Corrected Result & 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

### 4.2.6 Test Data and Result

| | | | |
|---|---|---|---|
| Serial Number: | 2N05-1 | Test Date: | 2024/6/18~2024/7/15 |
| Test Site: | Chamber 10m, Chamber B | Test Mode: | Mode 1, Mode 2 |
| Tester: | Leesin Xiang, Leo Xiao, Zoo Zou | Test Result: | Pass |

| **Environmental Conditions:** | | | | | |
|---|---|---|---|---|---|
| Temperature: (℃) | 25.6~26.2 | Relative Humidity: (%) | 37~58 | ATM Pressure: (kPa) | 100.5~100.7 |

**Test Equipment List and Details:**

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|---|---|---|---|---|---|
| 30MHz-1000MHz | | | | | |
| Sunol Sciences | Hybrid Antenna | JB3 | A060611-1 | 2023/9/6 | 2026/9/5 |
| Narda | Coaxial Attenuator | 779-6dB | 04269 | 2023/9/6 | 2026/9/5 |
| Unknown | Coaxial Cable | C-NJNJ-50 | C-1000-01 | 2023/8/1 | 2024/7/31 |
| Unknown | Coaxial Cable | C-NJNJ-50 | C-0400-04 | 2023/8/1 | 2024/7/31 |
| Unknown | Coaxial Cable | C-NJNJ-50 | C-0530-01 | 2023/8/1 | 2024/7/31 |
| Sonoma | Amplifier | 310N | 185914 | 2023/8/1 | 2024/7/31 |
| R&S | EMI Test Receiver | ESCI | 100224 | 2023/8/18 | 2024/8/17 |
| Farad | Test Software | EZ-EMC | V1.1.4.2 | N/A | N/A |
| Above 1GHz | | | | | |
| ETS-Lindgren | Horn Antenna | 3115 | 000 527 35 | 2023/9/7 | 2026/9/6 |
| Xinhang Macrowave | Coaxial Cable | XH750A-N/J-SMA/J-10M | 20231117004 #0001 | 2023/11/17 | 2024/11/16 |
| AH | Preamplifier | PAM-0118P | 469 | 2023/8/19 | 2024/8/18 |
| R&S | Spectrum Analyzer | FSV40 | 101944 | 2023/10/18 | 2024/10/17 |
| Audix | Test Software | E3 | 191218 V9 | N/A | N/A |

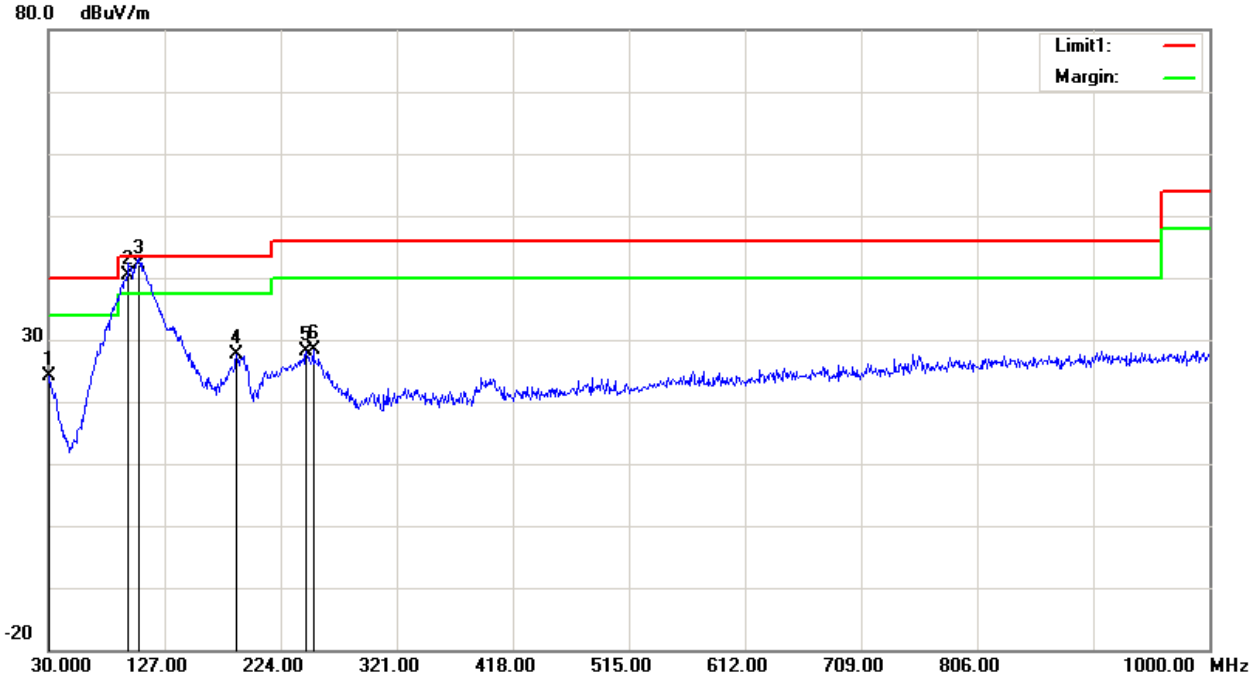
** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Teat Data:
Please refer to the below plots.
After pre-scan in the X, Y and Z axes of orientation, the worst case is below:

**1) 30MHz-1GHz:**

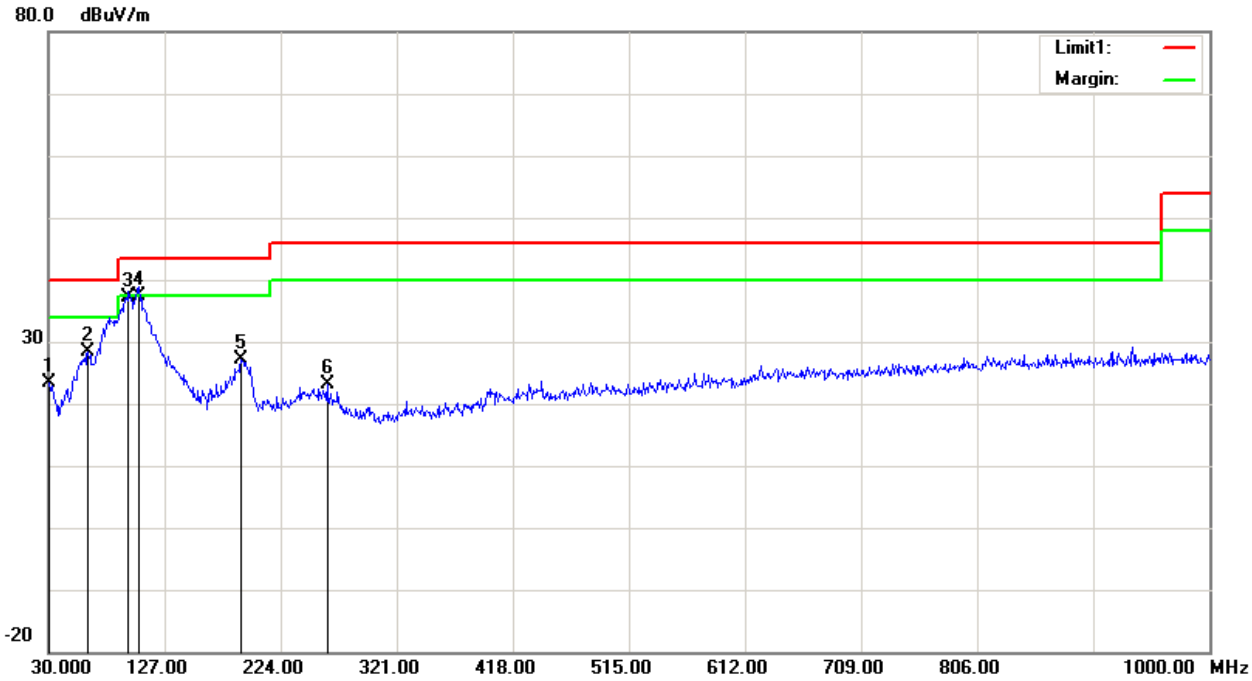
**For Antenna 1:**

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, scanning frequency: 108-136MHz |



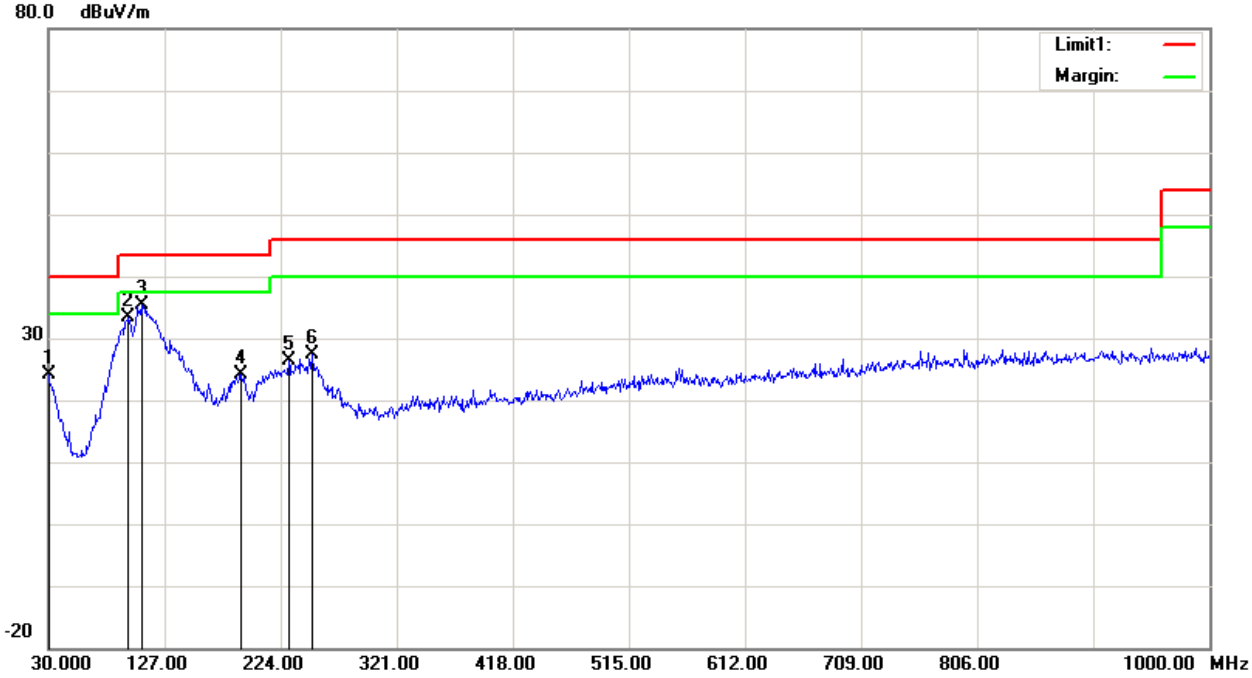

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 28.47 | peak | -4.31 | 24.16 | 40.00 | 15.84 |
| 2 | 96.9300 | 55.57 | QP | -15.27 | 40.30 | 43.50 | 3.20 |
| 3 | 105.6600 | 54.72 | QP | -12.62 | 42.10 | 43.50 | 1.40 |
| 4 | 187.1400 | 39.84 | peak | -12.30 | 27.54 | 43.50 | 15.96 |
| 5 | 245.3400 | 39.72 | peak | -11.57 | 28.15 | 46.00 | 17.85 |
| 6 | 251.1600 | 39.74 | peak | -11.43 | 28.31 | 46.00 | 17.69 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, scanning frequency: 108-136MHz |



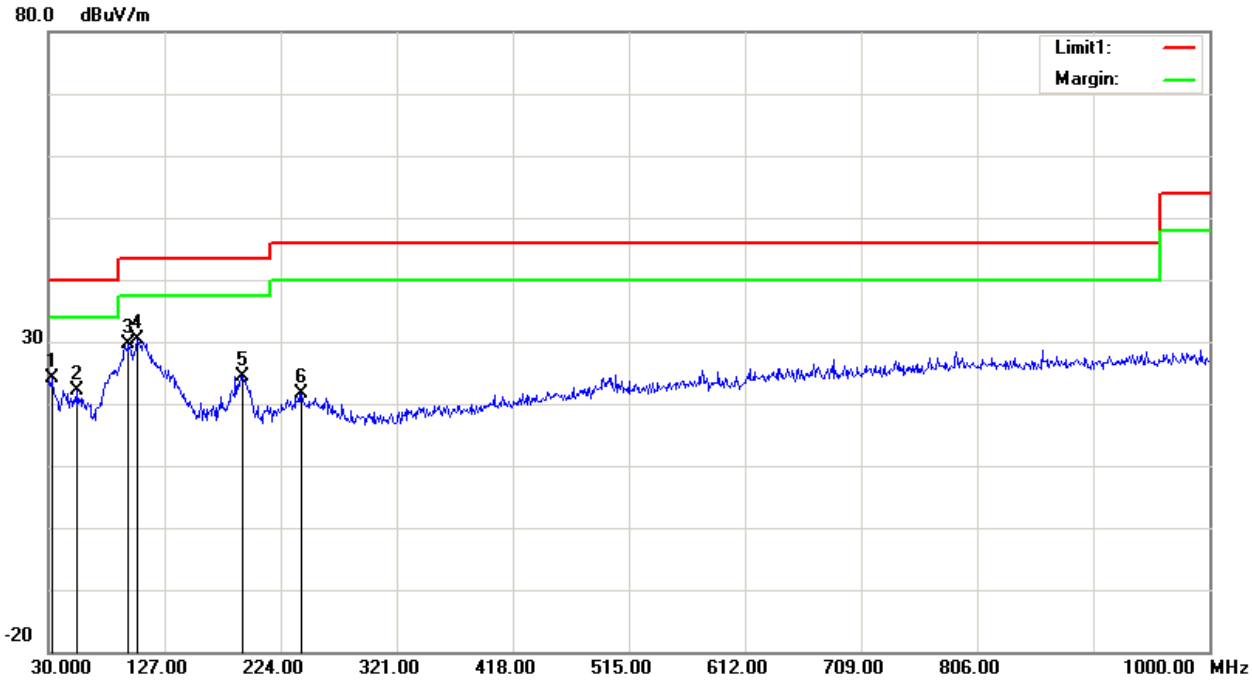

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 27.61 | peak | -4.31 | 23.30 | 40.00 | 16.70 |
| 2 | 62.9800 | 45.02 | peak | -16.53 | 28.49 | 40.00 | 11.51 |
| 3 | 96.9300 | 52.37 | QP | -15.27 | 37.10 | 43.50 | 6.40 |
| 4 | 105.6600 | 50.02 | QP | -12.62 | 37.40 | 43.50 | 6.10 |
| 5 | 191.0200 | 39.25 | peak | -12.06 | 27.19 | 43.50 | 16.31 |
| 6 | 262.8000 | 33.97 | peak | -10.75 | 23.22 | 46.00 | 22.78 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 2#, scanning frequency: 108-136MHz |



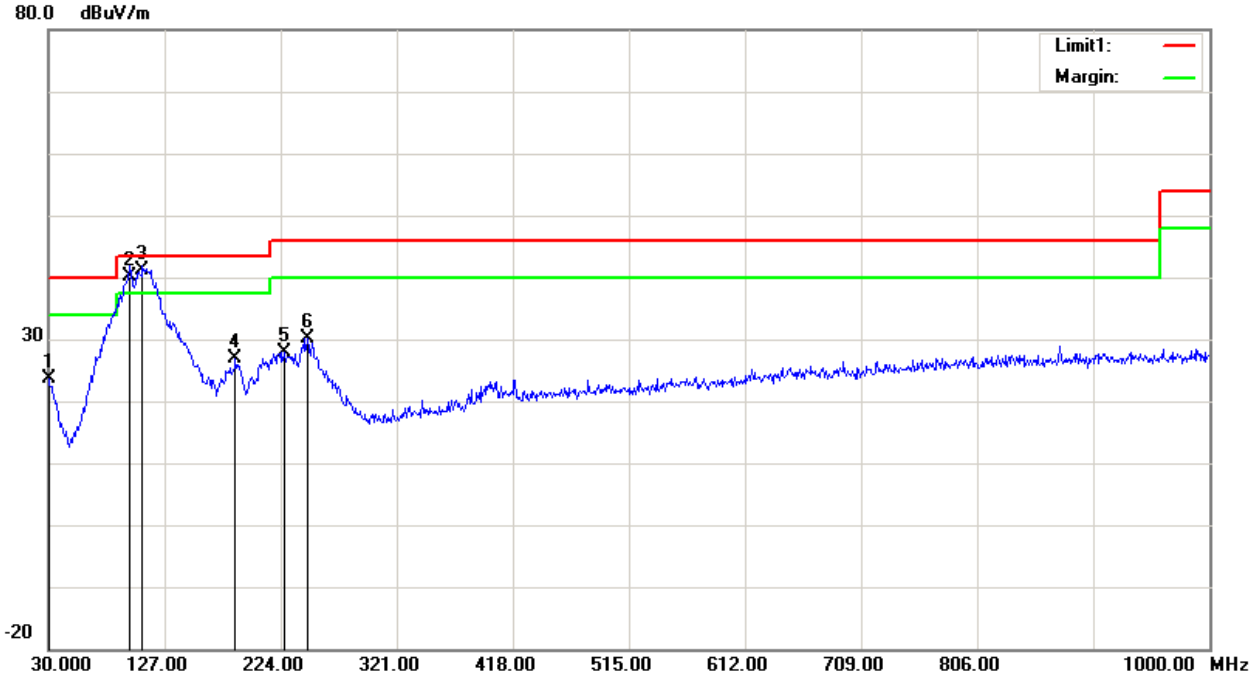

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.86 | peak | -3.80 | 24.06 | 40.00 | 15.94 |
| 2 | 96.9300 | 48.62 | peak | -15.27 | 33.35 | 43.50 | 10.15 |
| 3 | 107.6000 | 47.38 | peak | -12.01 | 35.37 | 43.50 | 8.13 |
| 4 | 191.0200 | 36.24 | peak | -12.06 | 24.18 | 43.50 | 19.32 |
| 5 | 230.7900 | 38.48 | peak | -12.20 | 26.28 | 46.00 | 19.72 |
| 6 | 250.1900 | 38.87 | peak | -11.43 | 27.44 | 46.00 | 18.56 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 2#, scanning frequency: 108-136MHz |



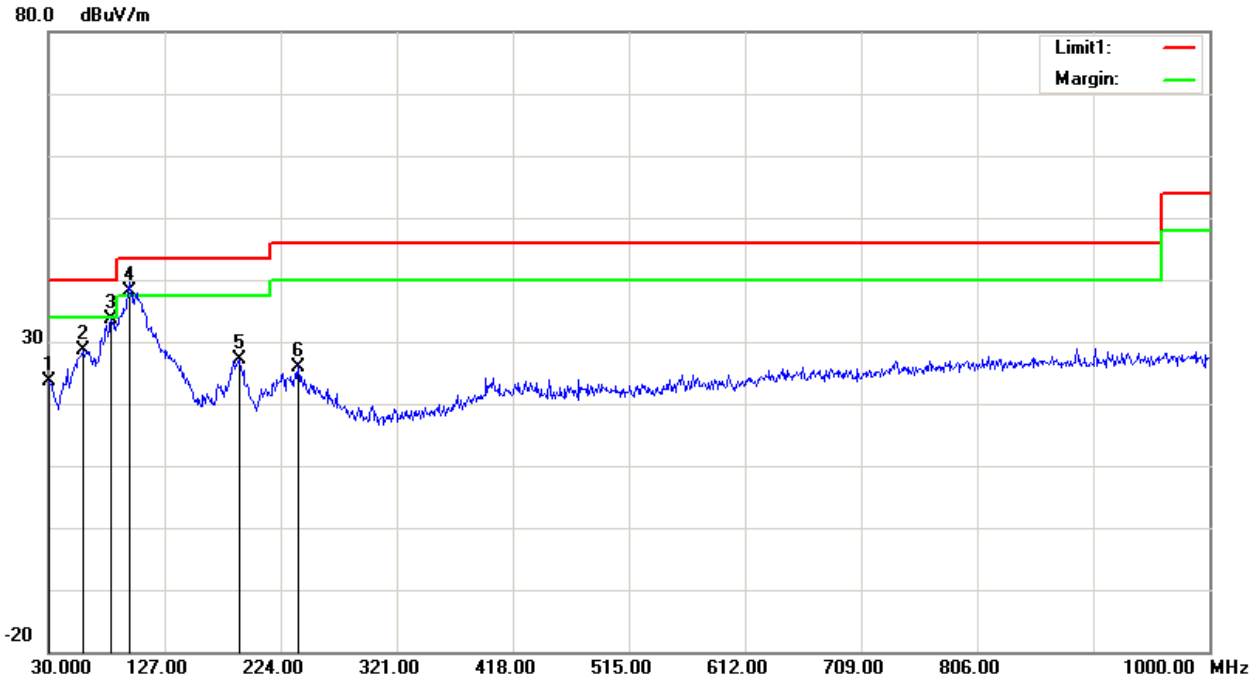

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 32.9100 | 29.53 | peak | -5.47 | 24.06 | 40.00 | 15.94 |
| 2 | 54.2500 | 38.93 | peak | -16.81 | 22.12 | 40.00 | 17.88 |
| 3 | 96.9300 | 44.99 | peak | -15.27 | 29.72 | 43.50 | 13.78 |
| 4 | 104.6900 | 43.35 | peak | -12.92 | 30.43 | 43.50 | 13.07 |
| 5 | 191.9900 | 36.37 | peak | -12.00 | 24.37 | 43.50 | 19.13 |
| 6 | 241.4600 | 33.38 | peak | -11.71 | 21.67 | 46.00 | 24.33 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, scanning frequency: 136-174MHz |



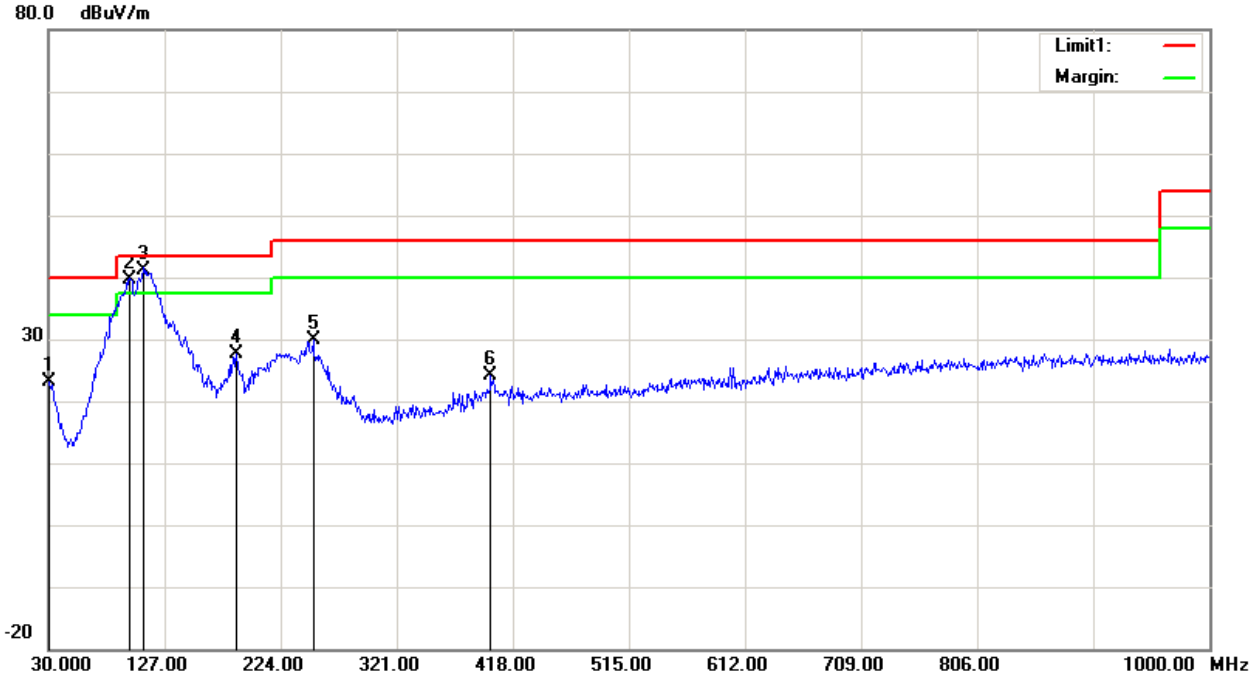

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.43 | peak | -3.80 | 23.63 | 40.00 | 16.37 |
| 2 | 97.9000 | 55.14 | QP | -14.94 | 40.20 | 43.50 | 3.30 |
| 3 | 108.5700 | 52.94 | QP | -11.74 | 41.20 | 43.50 | 2.30 |
| 4 | 186.1700 | 39.20 | peak | -12.36 | 26.84 | 43.50 | 16.66 |
| 5 | 226.9100 | 40.15 | peak | -12.34 | 27.81 | 46.00 | 18.19 |
| 6 | 246.3100 | 41.62 | peak | -11.55 | 30.07 | 46.00 | 15.93 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, scanning frequency: 136-174MHz |



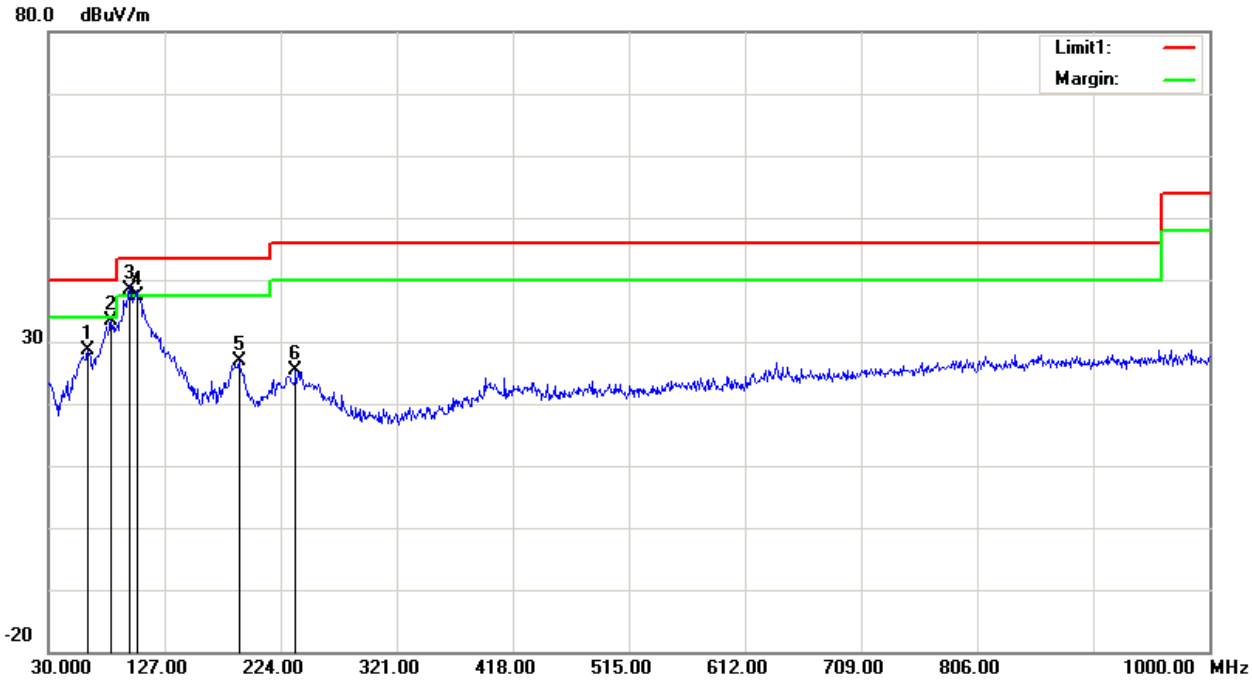

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 27.97 | peak | -4.31 | 23.66 | 40.00 | 16.34 |
| 2 | 59.1000 | 45.35 | peak | -16.70 | 28.65 | 40.00 | 11.35 |
| 3 | 82.3800 | 50.22 | peak | -16.66 | 33.56 | 40.00 | 6.44 |
| 4 | 97.9000 | 53.04 | QP | -14.94 | 38.10 | 43.50 | 5.40 |
| 5 | 189.0800 | 39.30 | peak | -12.19 | 27.11 | 43.50 | 16.39 |
| 6 | 238.5500 | 37.84 | peak | -11.84 | 26.00 | 46.00 | 20.00 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, scanning frequency: 220-260MHz |



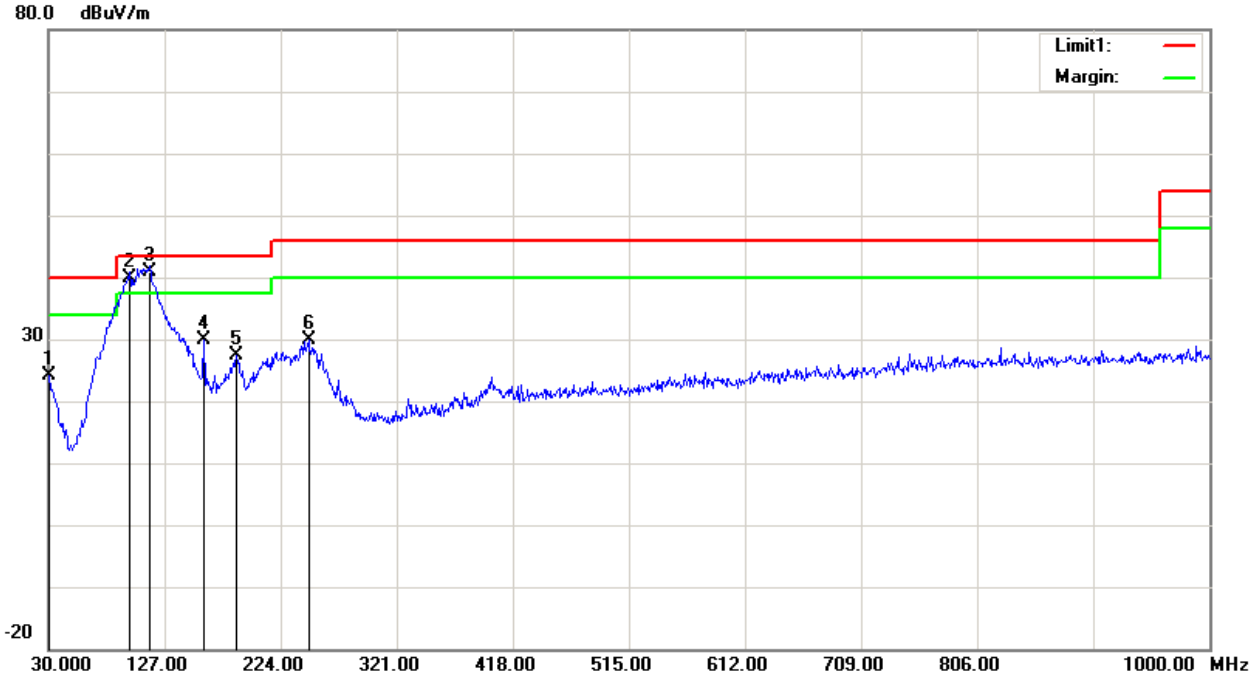

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 26.97 | peak | -3.80 | 23.17 | 40.00 | 16.83 |
| 2 | 97.9000 | 54.64 | QP | -14.94 | 39.70 | 43.50 | 3.80 |
| 3 | 109.5400 | 52.57 | QP | -11.47 | 41.10 | 43.50 | 2.40 |
| 4 | 187.1400 | 40.02 | peak | -12.30 | 27.72 | 43.50 | 15.78 |
| 5 | 251.1600 | 41.43 | peak | -11.43 | 30.00 | 46.00 | 16.00 |
| 6 | 399.5700 | 31.03 | peak | -6.99 | 24.04 | 46.00 | 21.96 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, scanning frequency: 220-260MHz |



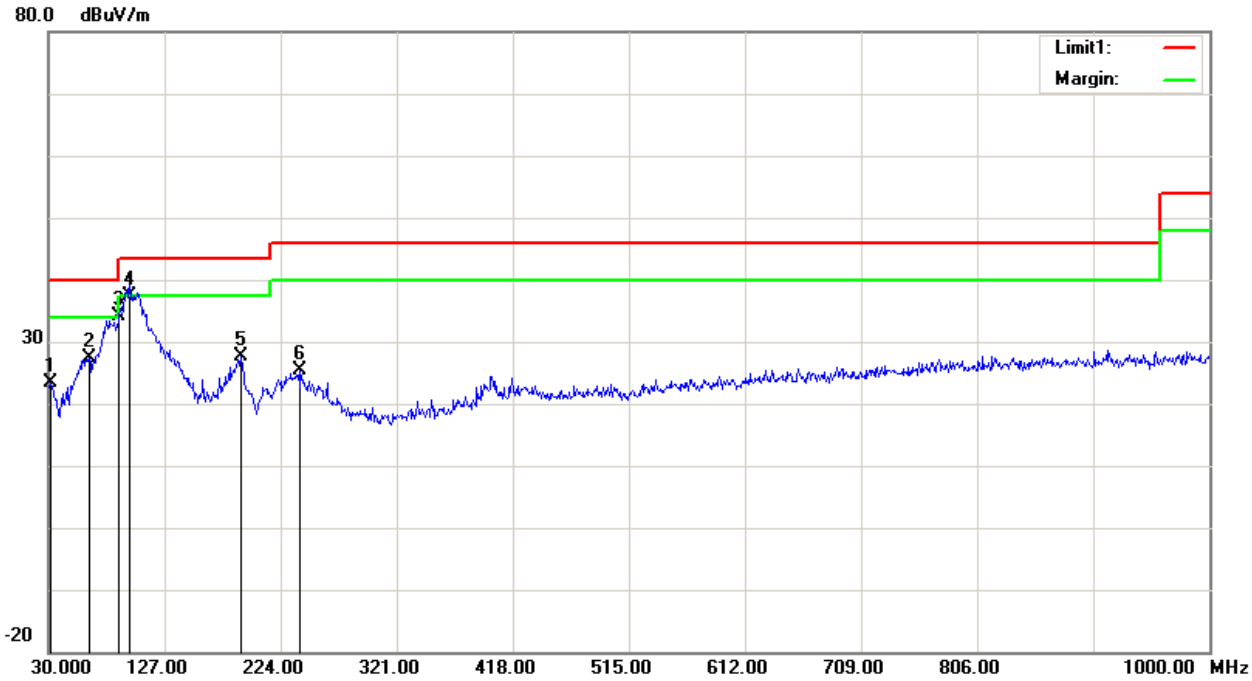

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 62.9800 | 45.11 | peak | -16.53 | 28.58 | 40.00 | 11.42 |
| 2 | 82.3800 | 50.06 | peak | -16.66 | 33.40 | 40.00 | 6.60 |
| 3 | 97.9000 | 53.24 | QP | -14.94 | 38.30 | 43.50 | 5.20 |
| 4 | 103.7200 | 50.65 | QP | -13.25 | 37.40 | 43.50 | 6.10 |
| 5 | 189.0800 | 39.04 | peak | -12.19 | 26.85 | 43.50 | 16.65 |
| 6 | 236.6100 | 37.44 | peak | -11.94 | 25.50 | 46.00 | 20.50 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, scanning frequency: 350-390MHz |



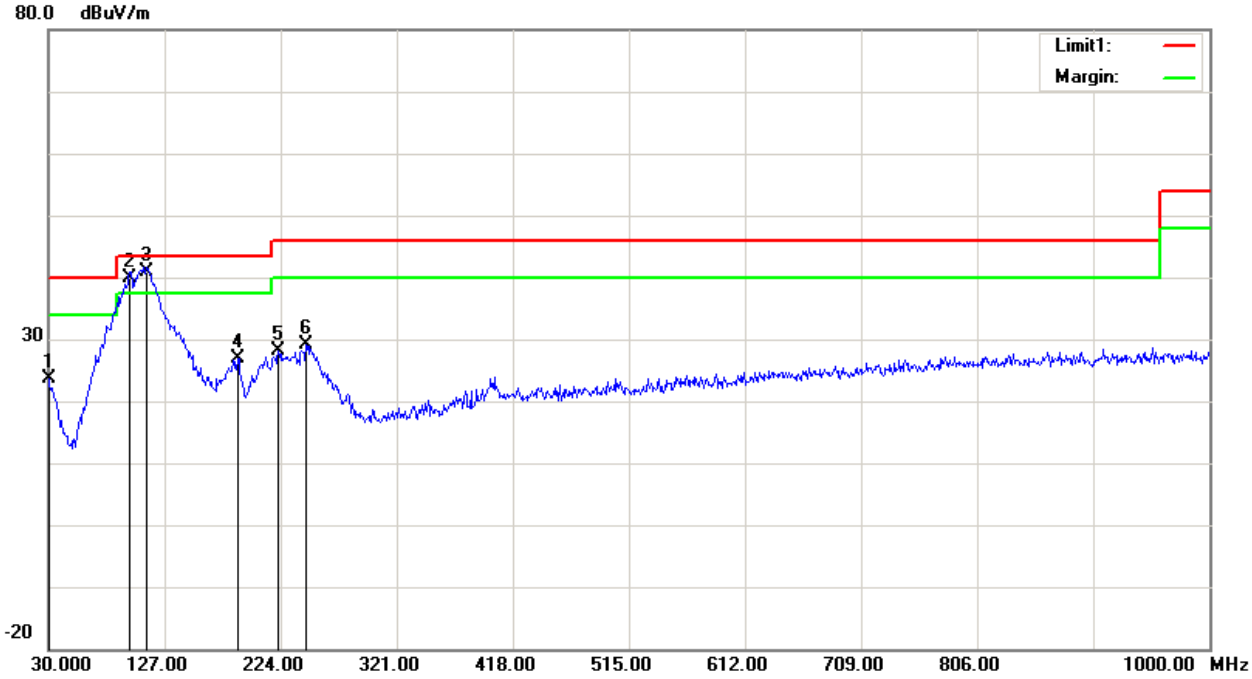

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 28.42 | peak | -4.31 | 24.11 | 40.00 | 15.89 |
| 2 | 97.9000 | 54.84 | QP | -14.94 | 39.90 | 43.50 | 3.60 |
| 3 | 114.3900 | 51.49 | QP | -10.59 | 40.90 | 43.50 | 2.60 |
| 4 | 159.9800 | 41.00 | peak | -11.15 | 29.85 | 43.50 | 13.65 |
| 5 | 187.1400 | 39.64 | peak | -12.30 | 27.34 | 43.50 | 16.16 |
| 6 | 247.2800 | 41.38 | peak | -11.52 | 29.86 | 46.00 | 16.14 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, scanning frequency: 350-390MHz |



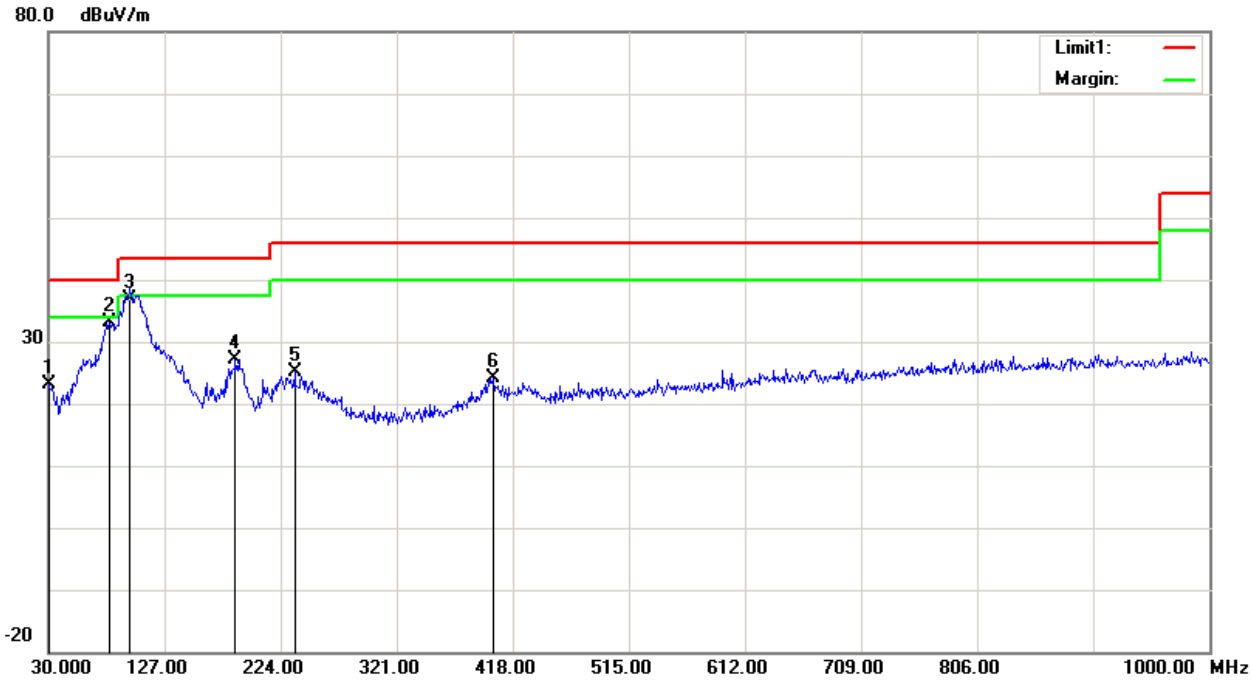

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 31.9400 | 28.18 | peak | -4.82 | 23.36 | 40.00 | 16.64 |
| 2 | 63.9500 | 43.90 | peak | -16.50 | 27.40 | 40.00 | 12.60 |
| 3 | 89.1700 | 50.80 | peak | -16.65 | 34.15 | 43.50 | 9.35 |
| 4 | 97.9000 | 52.44 | QP | -14.94 | 37.50 | 43.50 | 6.00 |
| 5 | 191.0200 | 39.74 | peak | -12.06 | 27.68 | 43.50 | 15.82 |
| 6 | 239.5200 | 37.08 | peak | -11.78 | 25.30 | 46.00 | 20.70 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, scanning frequency: 400-600MHz |



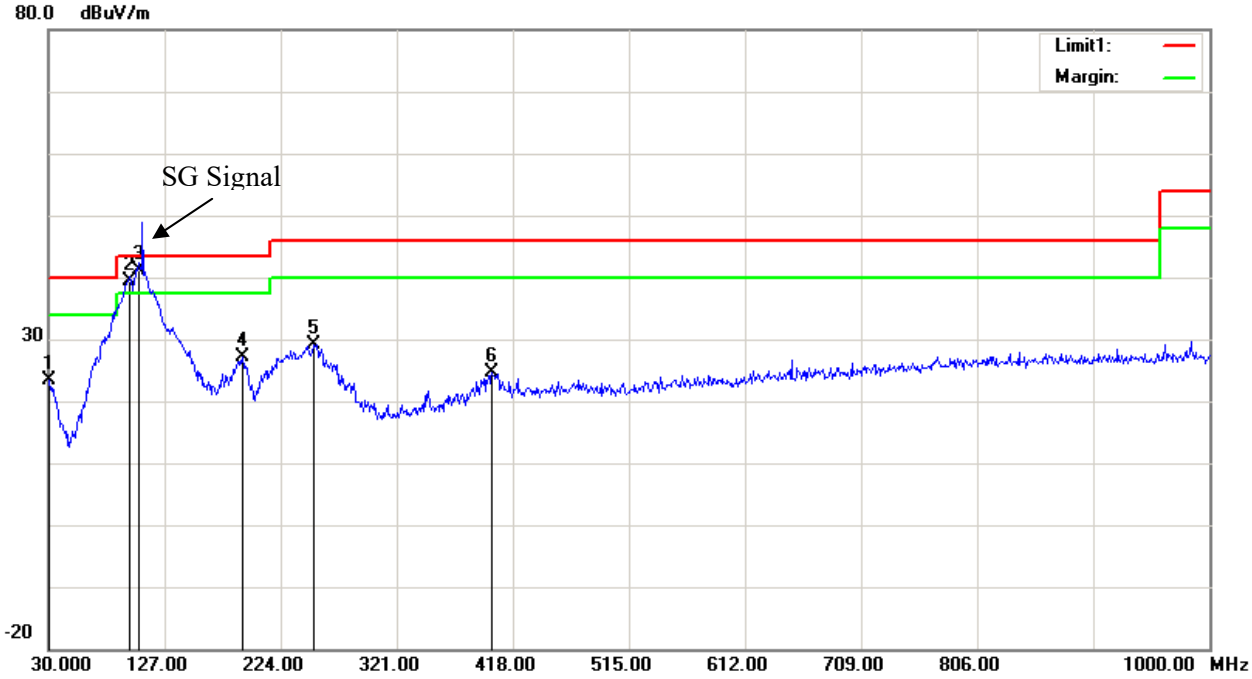

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.37 | peak | -3.80 | 23.57 | 40.00 | 16.43 |
| 2 | 97.9000 | 54.74 | QP | -14.94 | 39.80 | 43.50 | 3.70 |
| 3 | 111.4800 | 52.04 | QP | -11.14 | 40.90 | 43.50 | 2.60 |
| 4 | 188.1100 | 39.13 | peak | -12.24 | 26.89 | 43.50 | 16.61 |
| 5 | 222.0600 | 40.51 | peak | -12.47 | 28.04 | 46.00 | 17.96 |
| 6 | 245.3400 | 40.79 | peak | -11.57 | 29.22 | 46.00 | 16.78 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, scanning frequency: 400-600MHz |



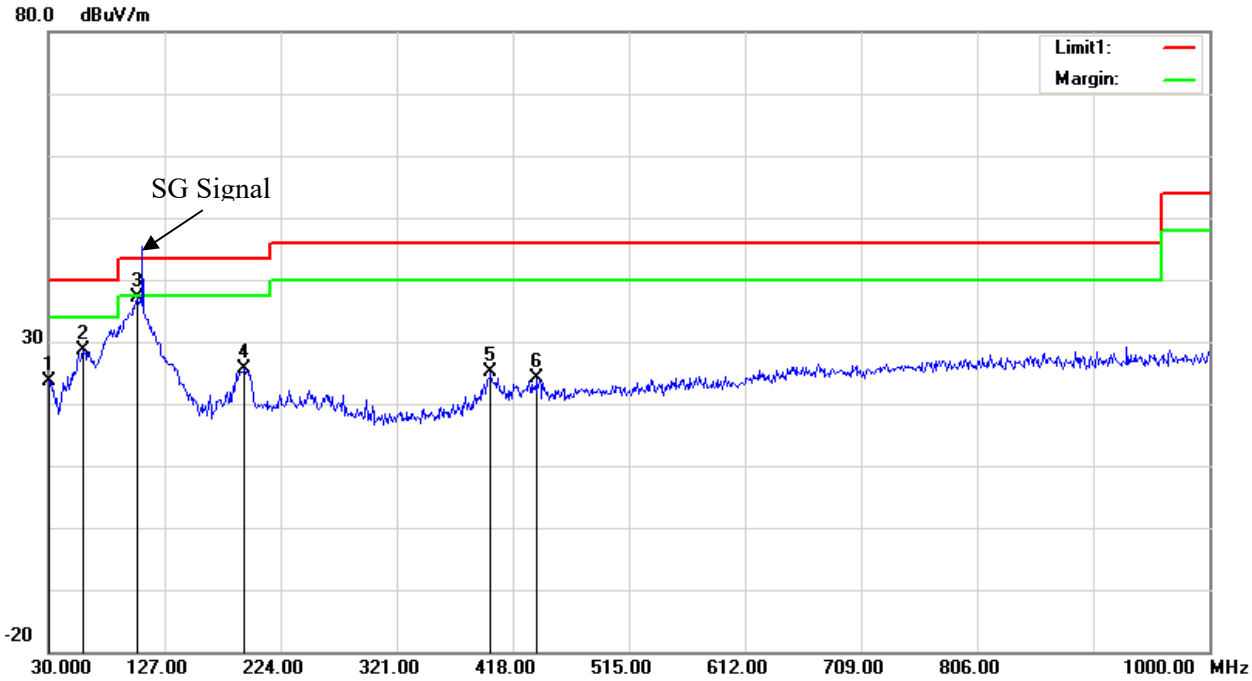

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 26.95 | peak | -3.80 | 23.15 | 40.00 | 16.85 |
| 2 | 80.4400 | 49.71 | peak | -16.52 | 33.19 | 40.00 | 6.81 |
| 3 | 97.9000 | 51.74 | QP | -14.94 | 36.80 | 43.50 | 6.70 |
| 4 | 186.1700 | 39.49 | peak | -12.36 | 27.13 | 43.50 | 16.37 |
| 5 | 235.6400 | 37.21 | peak | -12.00 | 25.21 | 46.00 | 20.79 |
| 6 | 401.5100 | 30.96 | peak | -6.91 | 24.05 | 46.00 | 21.95 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 108.0125MHz |



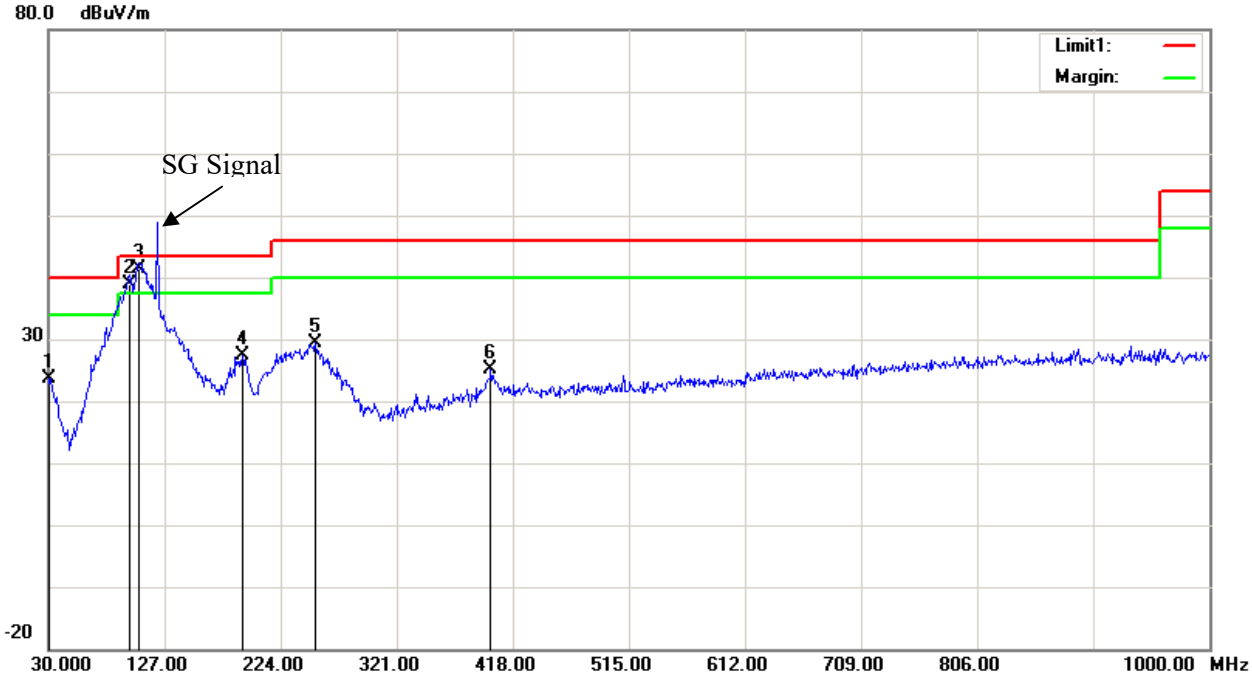

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.28 | peak | -3.80 | 23.48 | 40.00 | 16.52 |
| 2 | 97.9000 | 54.44 | QP | -14.94 | 39.50 | 43.50 | 4.00 |
| 3 | 105.6600 | 53.82 | QP | -12.62 | 41.20 | 43.50 | 2.30 |
| 4 | 191.9900 | 39.04 | peak | -12.00 | 27.04 | 43.50 | 16.46 |
| 5 | 252.1300 | 40.62 | peak | -11.41 | 29.21 | 46.00 | 16.79 |
| 6 | 400.5400 | 31.54 | peak | -6.95 | 24.59 | 46.00 | 21.41 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 108.0125MHz |



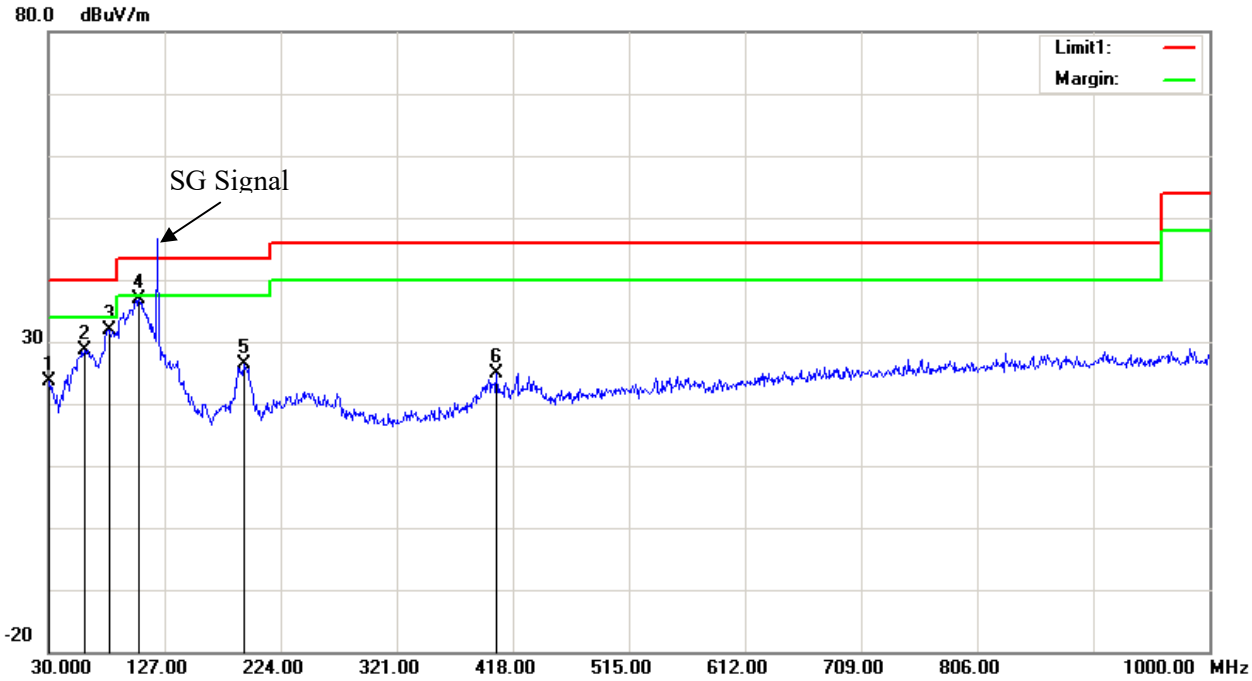

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 27.90 | peak | -4.31 | 23.59 | 40.00 | 16.41 |
| 2 | 59.1000 | 45.27 | peak | -16.70 | 28.57 | 40.00 | 11.43 |
| 3 | 104.6900 | 50.01 | peak | -12.92 | 37.09 | 43.50 | 6.41 |
| 4 | 193.9300 | 37.61 | peak | -11.98 | 25.63 | 43.50 | 17.87 |
| 5 | 399.5700 | 32.23 | peak | -6.99 | 25.24 | 46.00 | 20.76 |
| 6 | 438.3700 | 29.82 | peak | -5.76 | 24.06 | 46.00 | 21.94 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 122MHz |



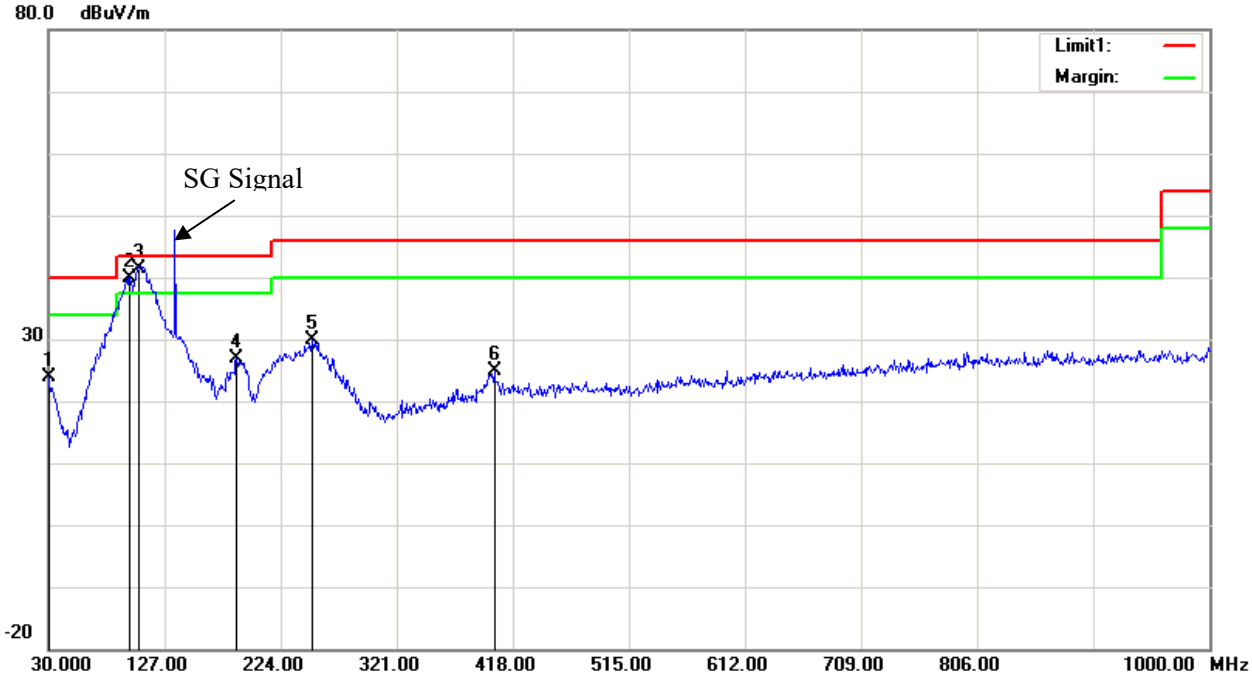

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.44 | peak | -3.80 | 23.64 | 40.00 | 16.36 |
| 2 | 97.9000 | 53.84 | QP | -14.94 | 38.90 | 43.50 | 4.60 |
| 3 | 105.6600 | 54.12 | QP | -12.62 | 41.50 | 43.50 | 2.00 |
| 4 | 191.9900 | 39.34 | peak | -12.00 | 27.34 | 43.50 | 16.16 |
| 5 | 253.1000 | 40.78 | peak | -11.40 | 29.38 | 46.00 | 16.62 |
| 6 | 399.5700 | 32.04 | peak | -6.99 | 25.05 | 46.00 | 20.95 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 122MHz |



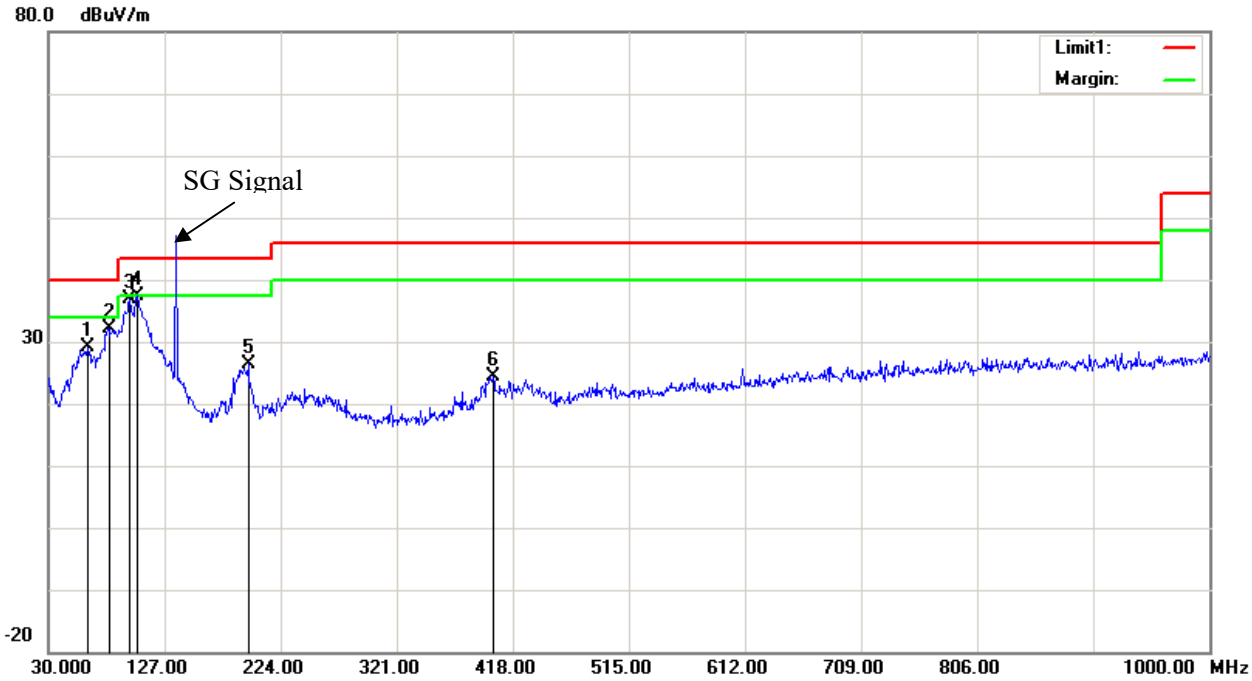

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 28.01 | peak | -4.31 | 23.70 | 40.00 | 16.30 |
| 2 | 60.0700 | 45.38 | peak | -16.66 | 28.72 | 40.00 | 11.28 |
| 3 | 80.4400 | 48.50 | peak | -16.52 | 31.98 | 40.00 | 8.02 |
| 4 | 105.6600 | 49.40 | peak | -12.62 | 36.78 | 43.50 | 6.72 |
| 5 | 193.9300 | 38.48 | peak | -11.98 | 26.50 | 43.50 | 17.00 |
| 6 | 404.4200 | 31.75 | peak | -6.79 | 24.96 | 46.00 | 21.04 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 135.9875MHz |



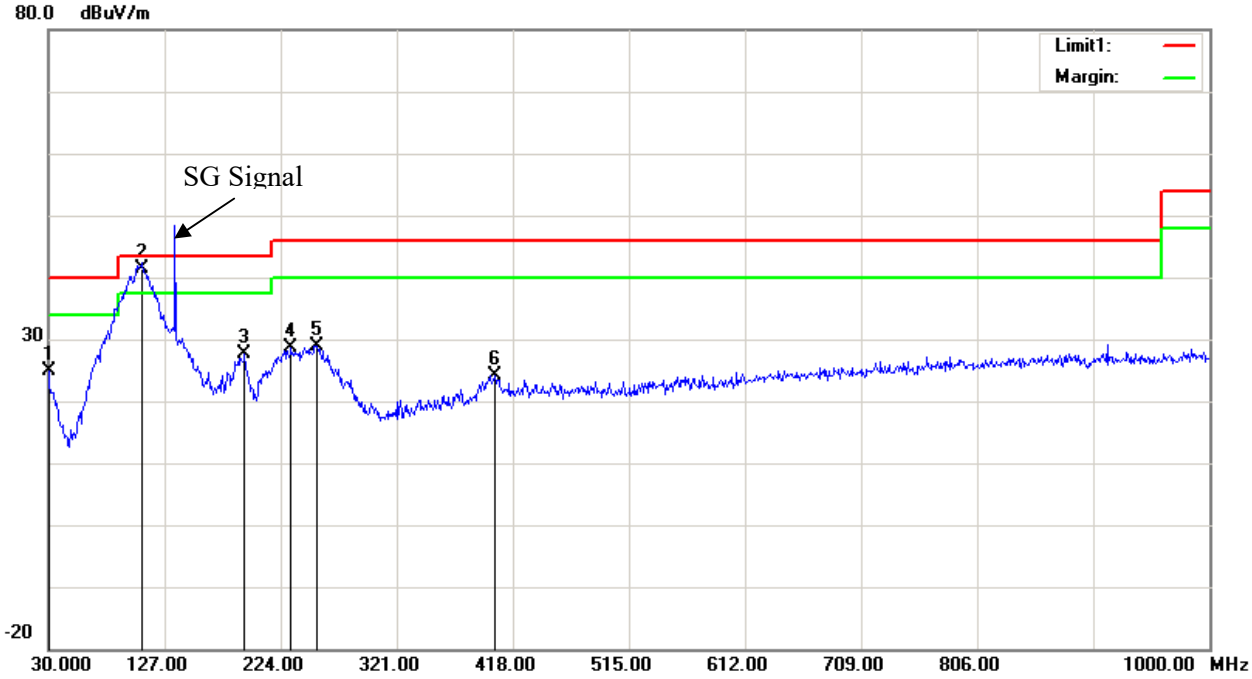

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.62 | peak | -3.80 | 23.82 | 40.00 | 16.18 |
| 2 | 97.9000 | 54.74 | QP | -14.94 | 39.80 | 43.50 | 3.70 |
| 3 | 105.6600 | 54.12 | QP | -12.62 | 41.50 | 43.50 | 2.00 |
| 4 | 187.1400 | 39.22 | peak | -12.30 | 26.92 | 43.50 | 16.58 |
| 5 | 250.1900 | 41.20 | peak | -11.43 | 29.77 | 46.00 | 16.23 |
| 6 | 402.4800 | 31.85 | peak | -6.87 | 24.98 | 46.00 | 21.02 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 135.9875MHz |



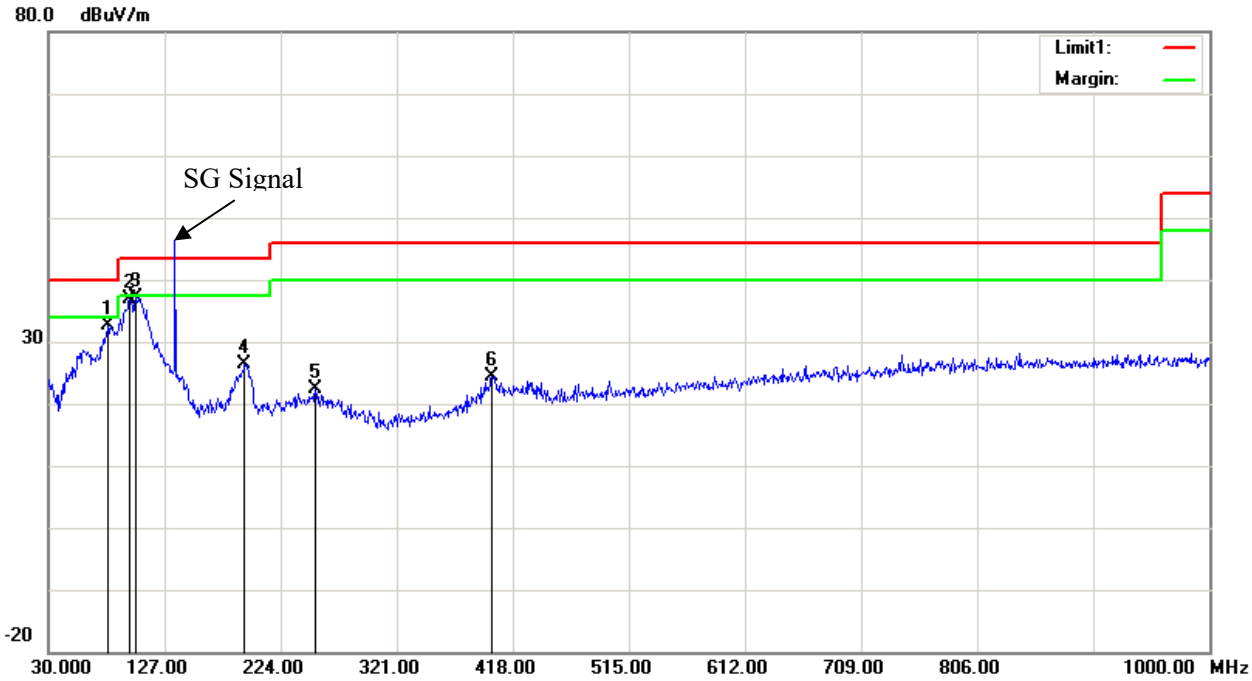

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 62.9800 | 45.72 | peak | -16.53 | 29.19 | 40.00 | 10.81 |
| 2 | 80.4400 | 48.62 | peak | -16.52 | 32.10 | 40.00 | 7.90 |
| 3 | 97.9000 | 51.94 | peak | -14.94 | 37.00 | 43.50 | 6.50 |
| 4 | 103.7200 | 50.74 | peak | -13.25 | 37.49 | 43.50 | 6.01 |
| 5 | 196.8400 | 38.13 | peak | -11.68 | 26.45 | 43.50 | 17.05 |
| 6 | 401.5100 | 31.32 | peak | -6.91 | 24.41 | 46.00 | 21.59 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 136.0125MHz |



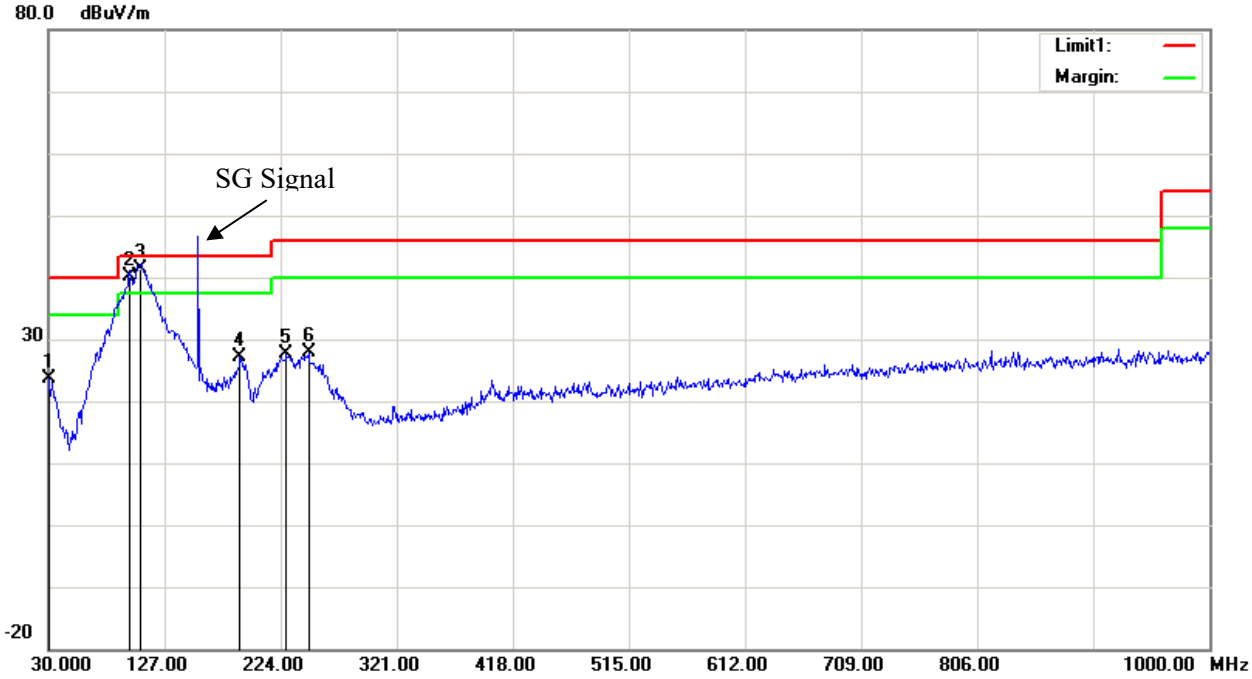

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 28.68 | peak | -3.80 | 24.88 | 40.00 | 15.12 |
| 2 | 108.5700 | 53.04 | QP | -11.74 | 41.30 | 43.50 | 2.20 |
| 3 | 193.9300 | 39.50 | peak | -11.98 | 27.52 | 43.50 | 15.98 |
| 4 | 232.7300 | 40.79 | peak | -12.12 | 28.67 | 46.00 | 17.33 |
| 5 | 254.0700 | 40.33 | peak | -11.39 | 28.94 | 46.00 | 17.06 |
| 6 | 403.4500 | 31.06 | peak | -6.83 | 24.23 | 46.00 | 21.77 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 136.0125MHz |



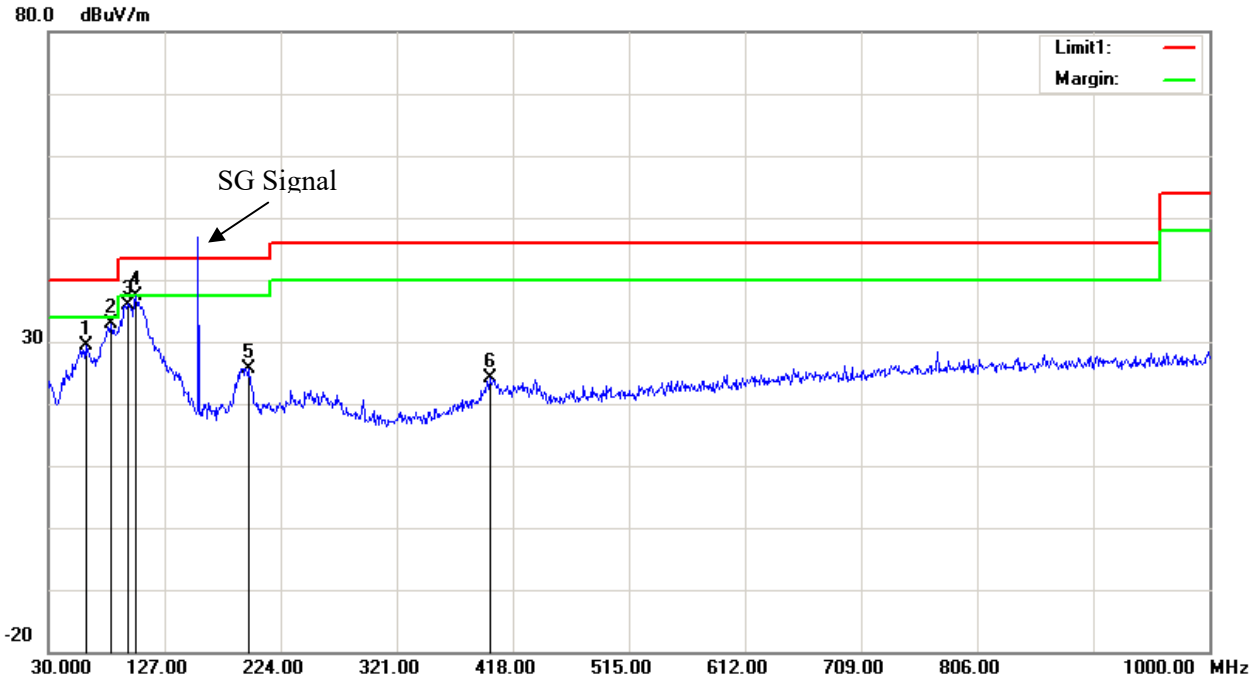

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 79.4700 | 49.09 | peak | -16.44 | 32.65 | 40.00 | 7.35 |
| 2 | 97.9000 | 51.87 | peak | -14.94 | 36.93 | 43.50 | 6.57 |
| 3 | 102.7500 | 50.74 | peak | -13.60 | 37.14 | 43.50 | 6.36 |
| 4 | 193.9300 | 38.26 | peak | -11.98 | 26.28 | 43.50 | 17.22 |
| 5 | 253.1000 | 33.75 | peak | -11.40 | 22.35 | 46.00 | 23.65 |
| 6 | 400.5400 | 31.31 | peak | -6.95 | 24.36 | 46.00 | 21.64 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 155MHz |



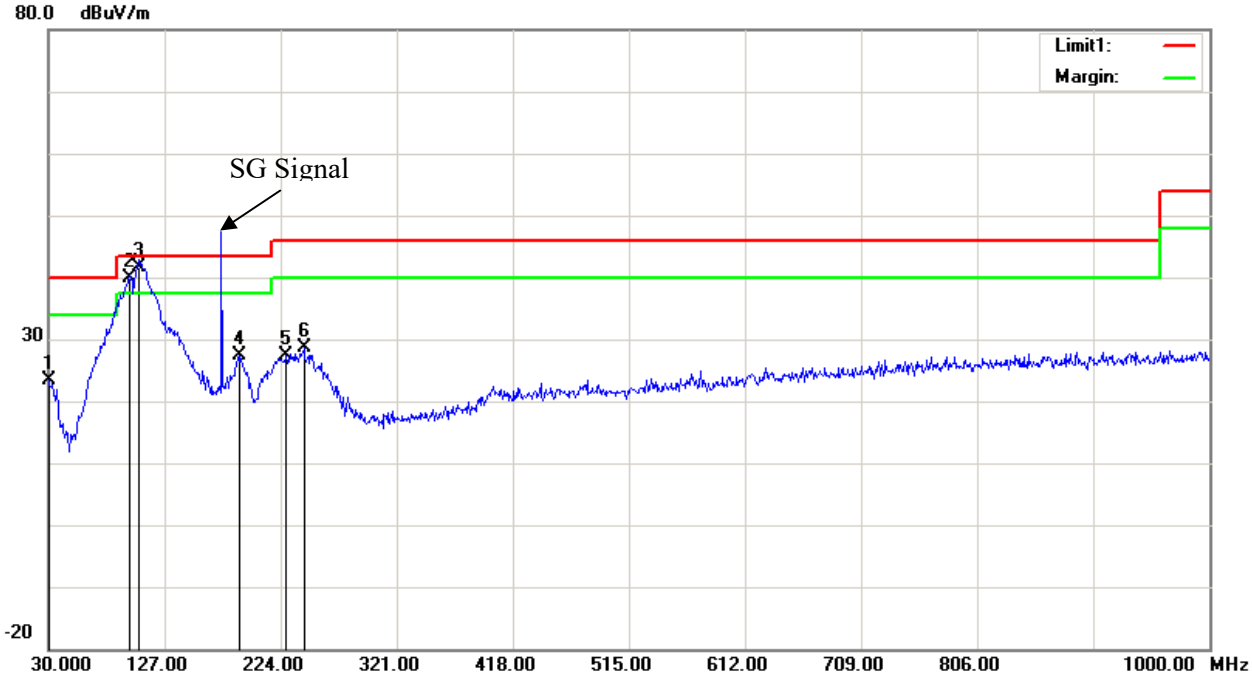

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.44 | peak | -3.80 | 23.64 | 40.00 | 16.36 |
| 2 | 97.9000 | 55.04 | QP | -14.94 | 40.10 | 43.50 | 3.40 |
| 3 | 106.6300 | 53.72 | QP | -12.32 | 41.40 | 43.50 | 2.10 |
| 4 | 190.0500 | 39.30 | peak | -12.12 | 27.18 | 43.50 | 16.32 |
| 5 | 228.8500 | 39.85 | peak | -12.27 | 27.58 | 46.00 | 18.42 |
| 6 | 247.2800 | 39.41 | peak | -11.52 | 27.89 | 46.00 | 18.11 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 155MHz |



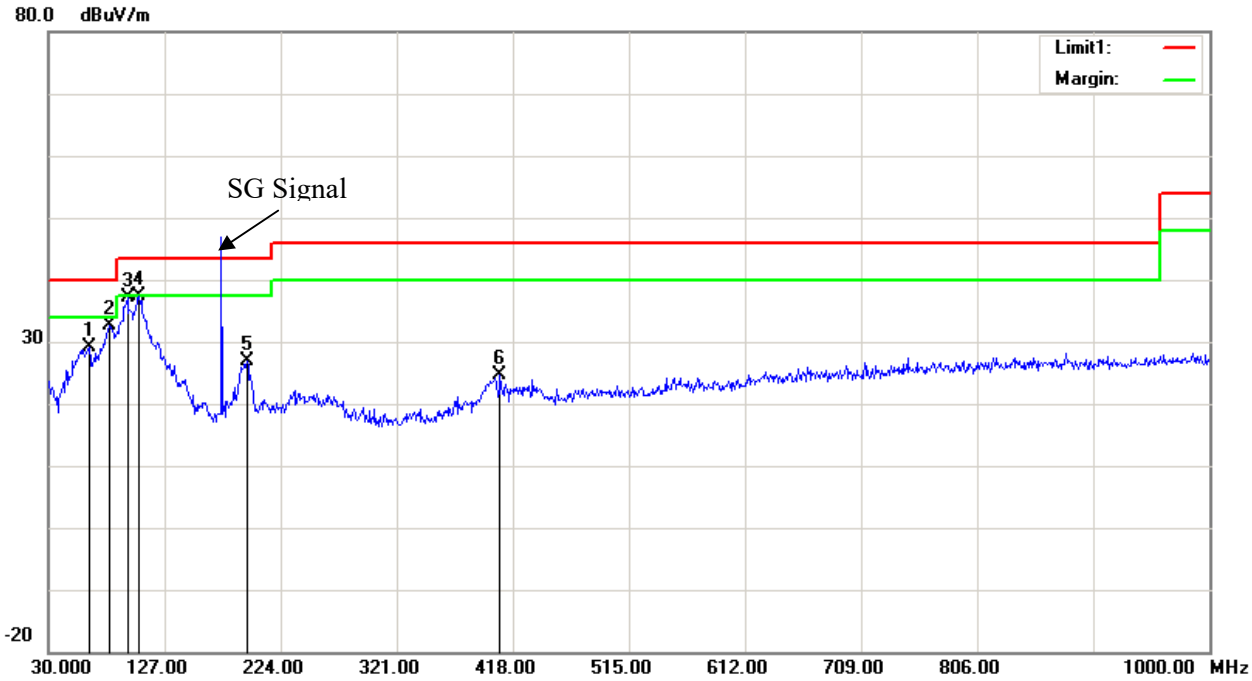

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 61.0400 | 46.06 | peak | -16.61 | 29.45 | 40.00 | 10.55 |
| 2 | 82.3800 | 49.57 | peak | -16.66 | 32.91 | 40.00 | 7.09 |
| 3 | 96.9300 | 51.27 | peak | -15.27 | 36.00 | 43.50 | 7.50 |
| 4 | 102.7500 | 51.08 | peak | -13.60 | 37.48 | 43.50 | 6.02 |
| 5 | 197.8100 | 37.29 | peak | -11.57 | 25.72 | 43.50 | 17.78 |
| 6 | 398.6000 | 31.25 | peak | -7.03 | 24.22 | 46.00 | 21.78 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 173.9875MHz |



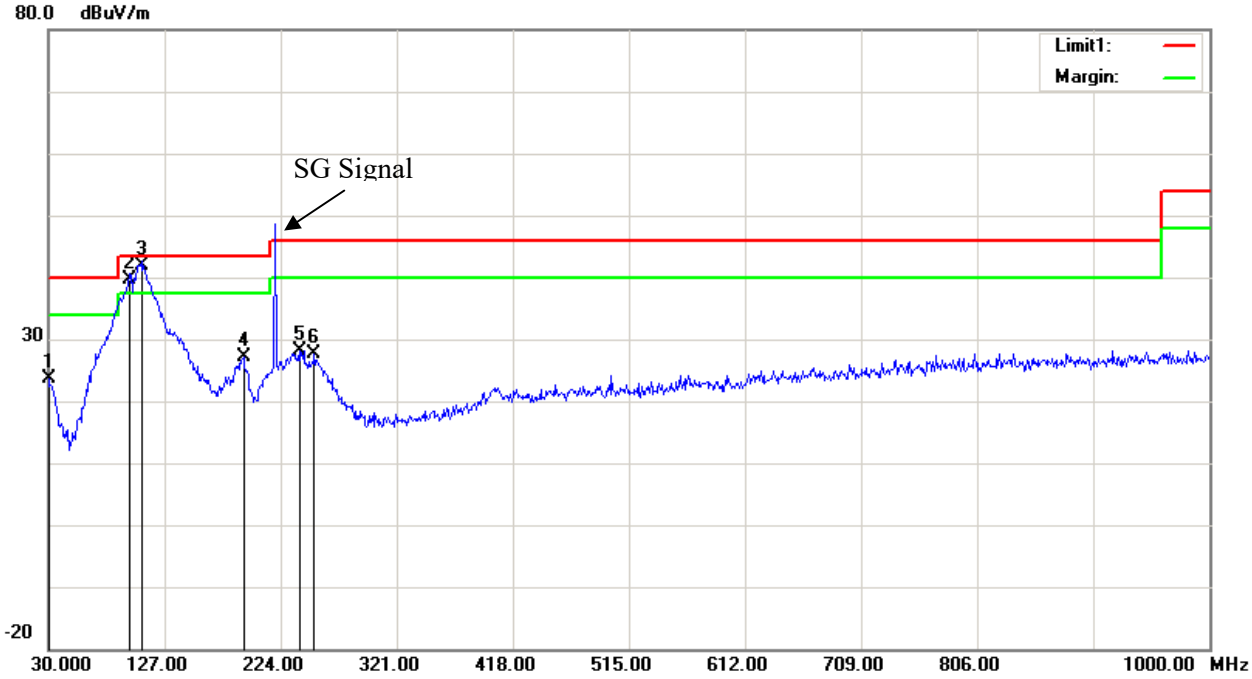

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.18 | peak | -3.80 | 23.38 | 40.00 | 16.62 |
| 2 | 97.9000 | 54.94 | QP | -14.94 | 40.00 | 43.50 | 3.50 |
| 3 | 105.6600 | 54.22 | QP | -12.62 | 41.60 | 43.50 | 1.90 |
| 4 | 189.0800 | 39.61 | peak | -12.19 | 27.42 | 43.50 | 16.08 |
| 5 | 228.8500 | 39.76 | peak | -12.27 | 27.49 | 46.00 | 18.51 |
| 6 | 243.4000 | 40.29 | peak | -11.64 | 28.65 | 46.00 | 17.35 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 173.9875MHz |



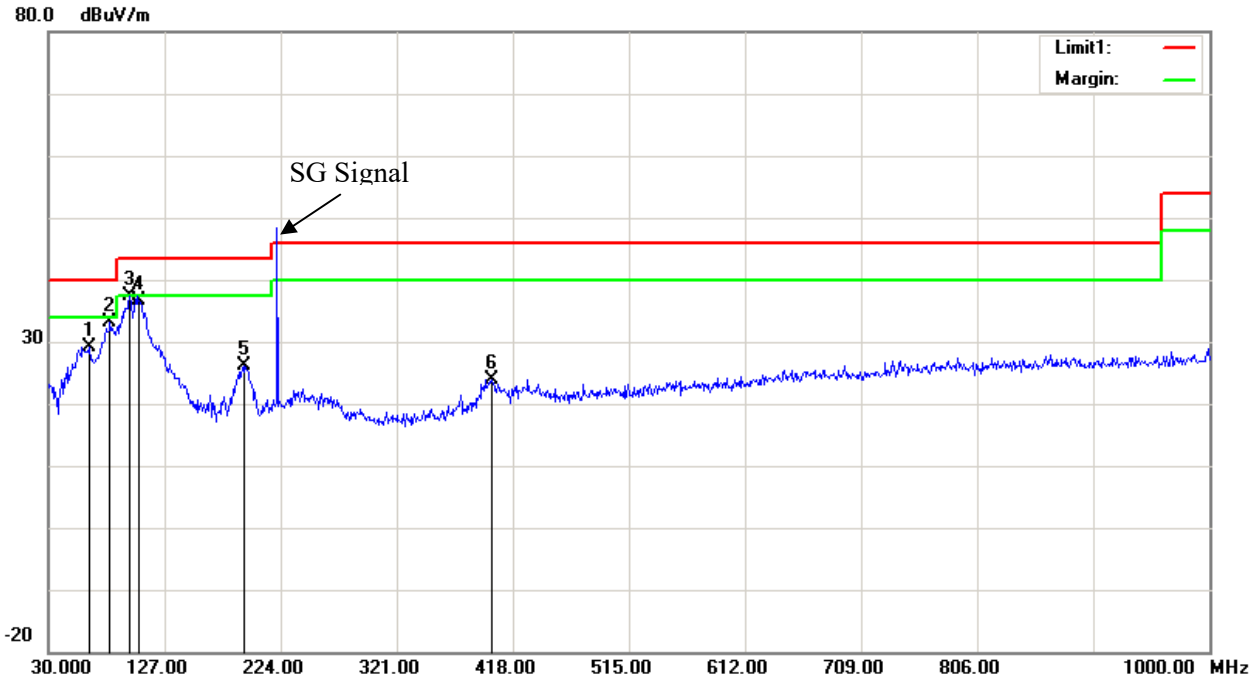

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 63.9500 | 45.52 | peak | -16.50 | 29.02 | 40.00 | 10.98 |
| 2 | 81.4100 | 49.21 | peak | -16.60 | 32.61 | 40.00 | 7.39 |
| 3 | 95.9600 | 52.66 | peak | -15.62 | 37.04 | 43.50 | 6.46 |
| 4 | 105.6600 | 49.98 | peak | -12.62 | 37.36 | 43.50 | 6.14 |
| 5 | 195.8700 | 38.69 | peak | -11.78 | 26.91 | 43.50 | 16.59 |
| 6 | 407.3300 | 31.23 | peak | -6.71 | 24.52 | 46.00 | 21.48 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 220.0125MHz |



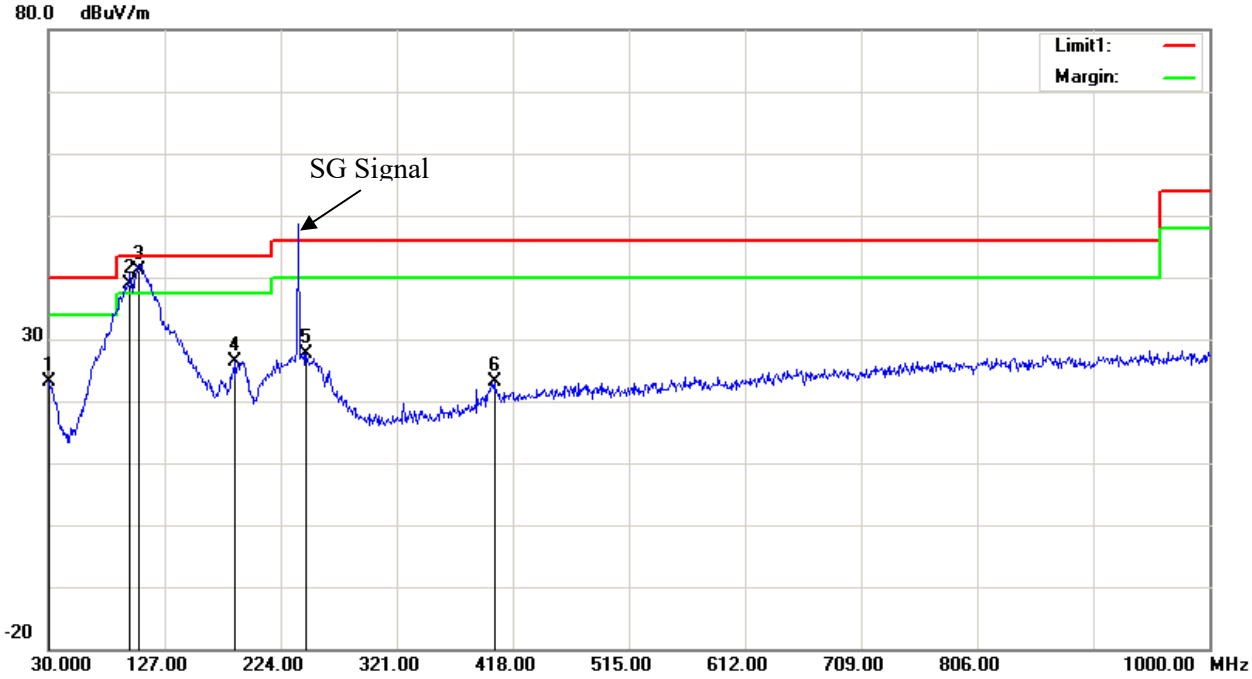

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.50 | peak | -3.80 | 23.70 | 40.00 | 16.30 |
| 2 | 97.9000 | 54.64 | QP | -14.94 | 39.70 | 43.50 | 3.80 |
| 3 | 107.6000 | 53.81 | QP | -12.01 | 41.80 | 43.50 | 1.70 |
| 4 | 192.9600 | 39.22 | peak | -11.99 | 27.23 | 43.50 | 16.27 |
| 5 | 239.5200 | 39.95 | peak | -11.78 | 28.17 | 46.00 | 17.83 |
| 6 | 252.1300 | 39.13 | peak | -11.41 | 27.72 | 46.00 | 18.28 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 220.0125MHz |



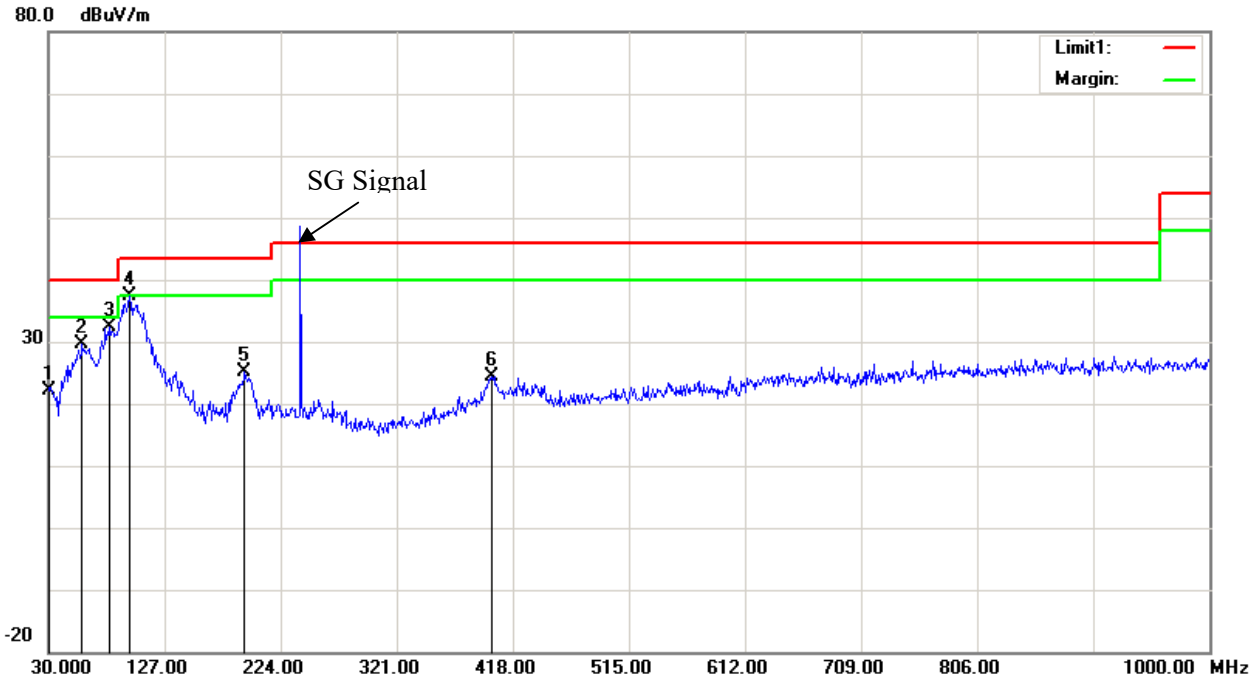

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 63.9500 | 45.68 | peak | -16.50 | 29.18 | 40.00 | 10.82 |
| 2 | 81.4100 | 49.82 | peak | -16.60 | 33.22 | 40.00 | 6.78 |
| 3 | 97.9000 | 52.30 | peak | -14.94 | 37.36 | 43.50 | 6.14 |
| 4 | 105.6600 | 49.13 | peak | -12.62 | 36.51 | 43.50 | 6.99 |
| 5 | 193.9300 | 38.08 | peak | -11.98 | 26.10 | 43.50 | 17.40 |
| 6 | 400.5400 | 30.87 | peak | -6.95 | 23.92 | 46.00 | 22.08 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 240MHz |



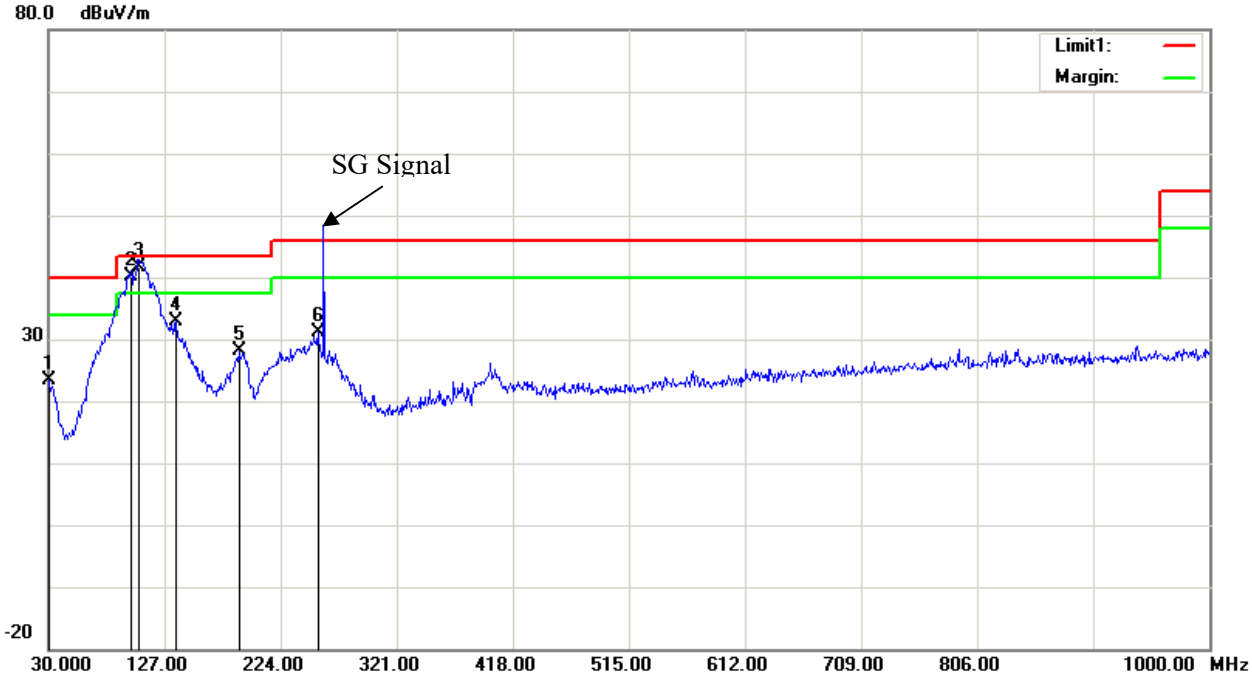

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 26.98 | peak | -3.80 | 23.18 | 40.00 | 16.82 |
| 2 | 97.9000 | 53.84 | QP | -14.94 | 38.90 | 43.50 | 4.60 |
| 3 | 105.6600 | 53.72 | QP | -12.62 | 41.10 | 43.50 | 2.40 |
| 4 | 186.1700 | 38.81 | peak | -12.36 | 26.45 | 43.50 | 17.05 |
| 5 | 245.3400 | 39.25 | peak | -11.57 | 27.68 | 46.00 | 18.32 |
| 6 | 402.4800 | 30.03 | peak | -6.87 | 23.16 | 46.00 | 22.84 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 240MHz |



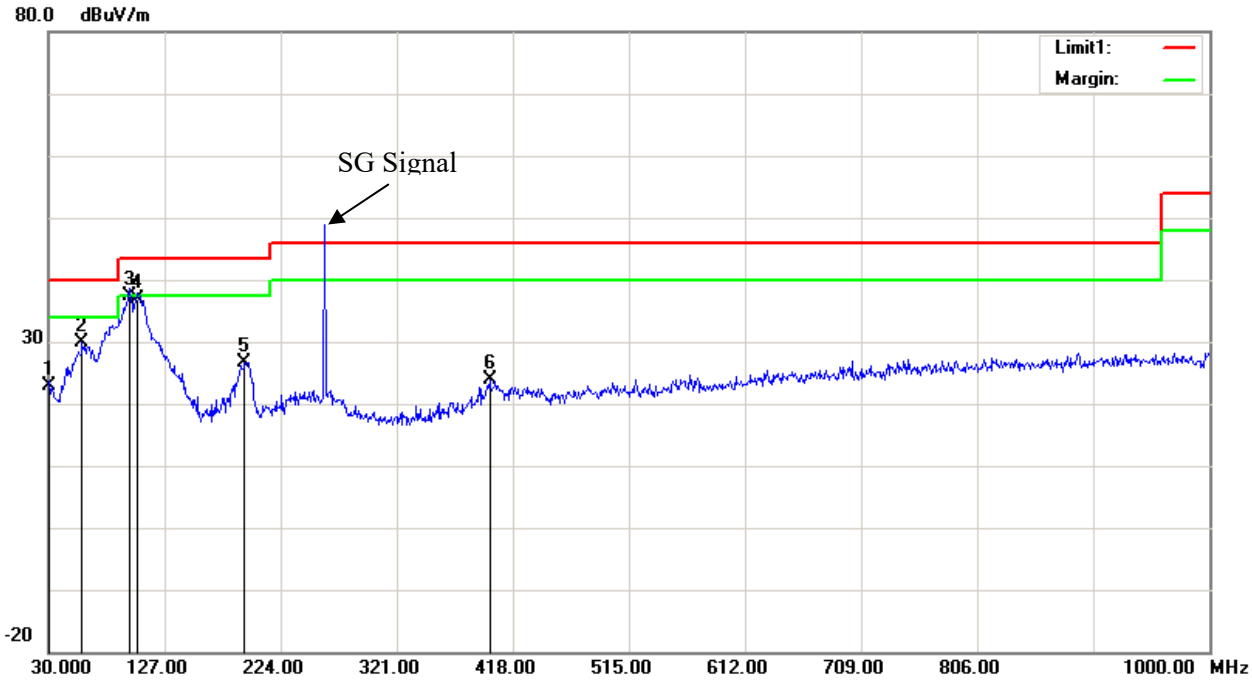

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 25.89 | peak | -3.80 | 22.09 | 40.00 | 17.91 |
| 2 | 58.1300 | 46.36 | peak | -16.76 | 29.60 | 40.00 | 10.40 |
| 3 | 81.4100 | 49.09 | peak | -16.60 | 32.49 | 40.00 | 7.51 |
| 4 | 97.9000 | 52.37 | peak | -14.94 | 37.43 | 43.50 | 6.07 |
| 5 | 193.9300 | 37.07 | peak | -11.98 | 25.09 | 43.50 | 18.41 |
| 6 | 400.5400 | 31.40 | peak | -6.95 | 24.45 | 46.00 | 21.55 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 259.9875MHz |



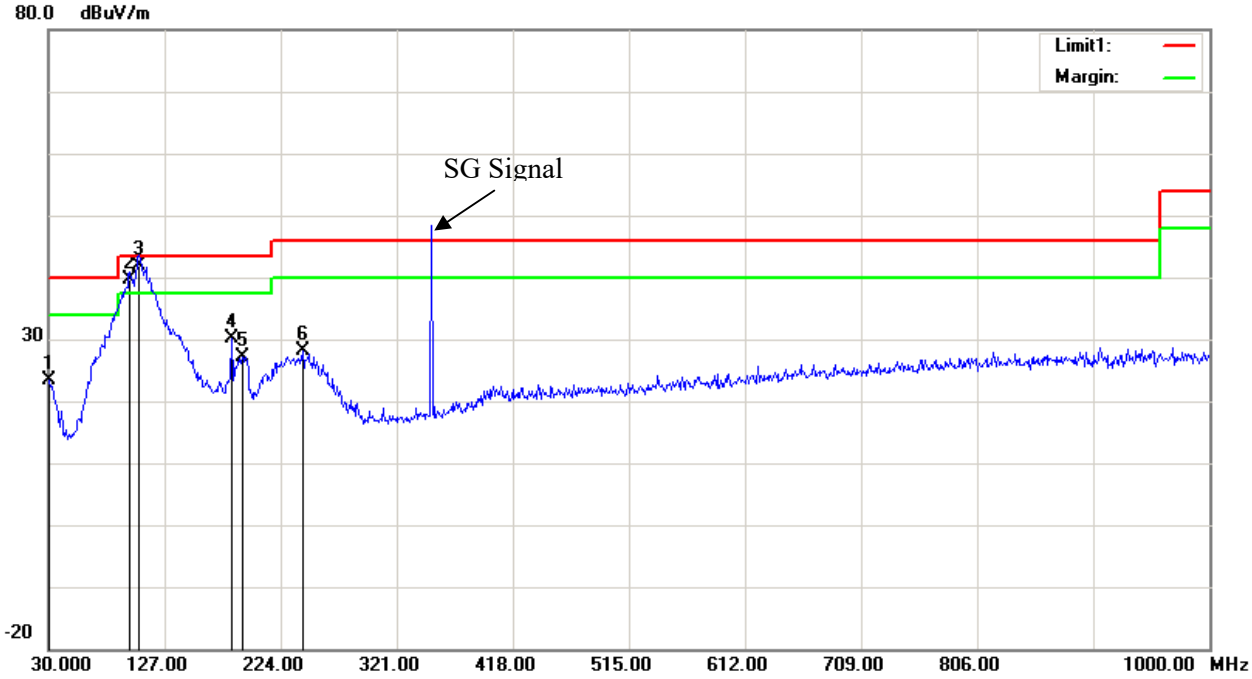

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.15 | peak | -3.80 | 23.35 | 40.00 | 16.65 |
| 2 | 98.8700 | 54.88 | QP | -14.68 | 40.20 | 43.50 | 3.30 |
| 3 | 105.6600 | 54.32 | QP | -12.62 | 41.70 | 43.50 | 1.80 |
| 4 | 136.7000 | 43.10 | peak | -10.19 | 32.91 | 43.50 | 10.59 |
| 5 | 189.0800 | 40.34 | peak | -12.19 | 28.15 | 43.50 | 15.35 |
| 6 | 255.0400 | 42.40 | peak | -11.37 | 31.03 | 46.00 | 14.97 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 259.9875MHz |



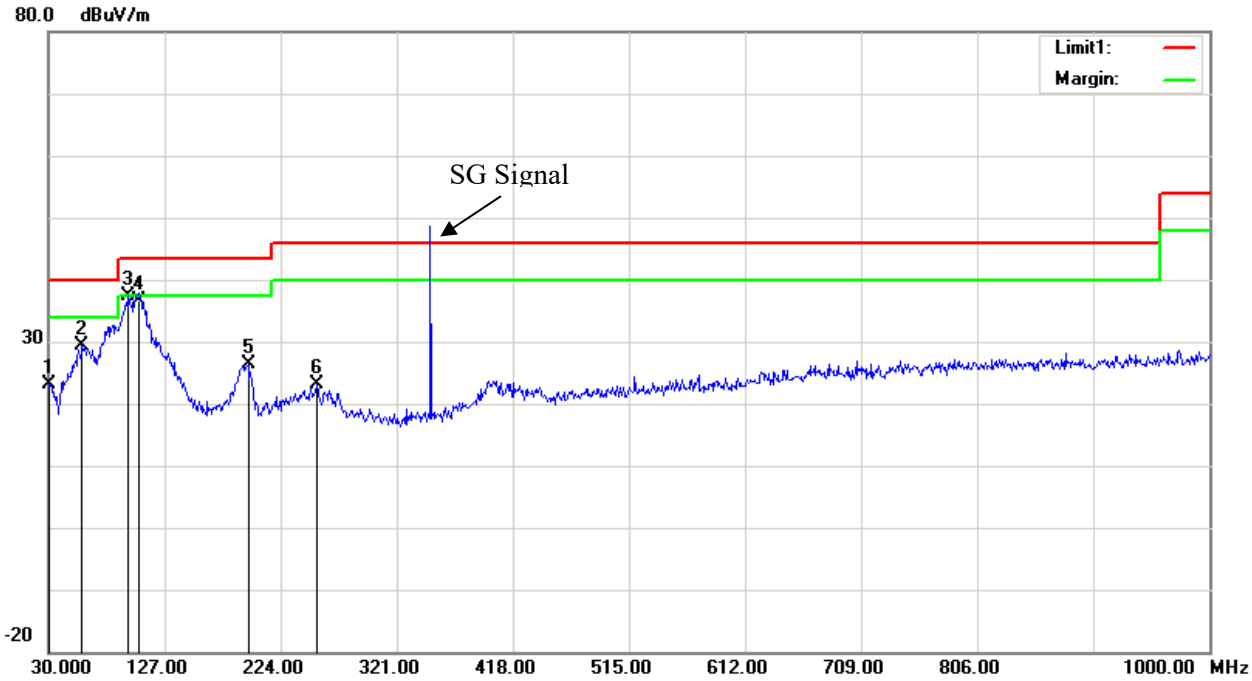

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 26.76 | peak | -3.80 | 22.96 | 40.00 | 17.04 |
| 2 | 58.1300 | 46.65 | peak | -16.76 | 29.89 | 40.00 | 10.11 |
| 3 | 97.9000 | 52.44 | QP | -14.94 | 37.50 | 43.50 | 6.00 |
| 4 | 103.7200 | 50.05 | QP | -13.25 | 36.80 | 43.50 | 6.70 |
| 5 | 193.9300 | 38.62 | peak | -11.98 | 26.64 | 43.50 | 16.86 |
| 6 | 398.6000 | 30.97 | peak | -7.03 | 23.94 | 46.00 | 22.06 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:350.0125MHz |



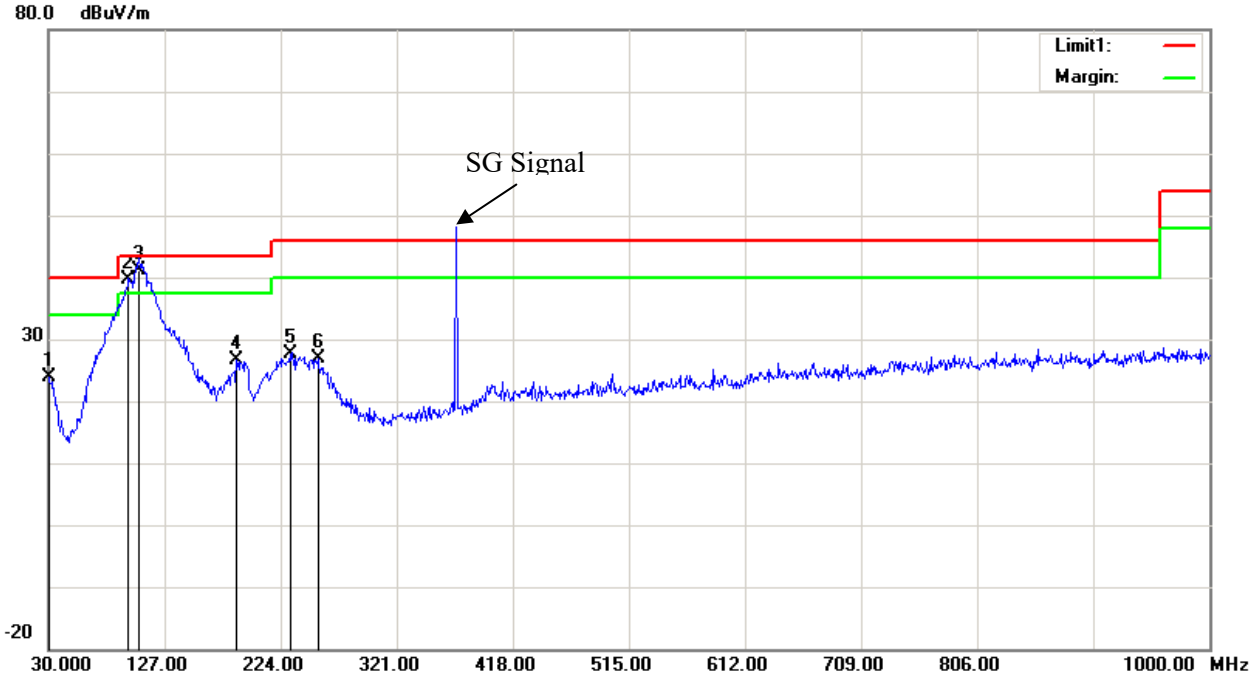

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 27.60 | peak | -4.31 | 23.29 | 40.00 | 16.71 |
| 2 | 97.9000 | 54.64 | QP | -14.94 | 39.70 | 43.50 | 3.80 |
| 3 | 105.6600 | 54.42 | QP | -12.62 | 41.80 | 43.50 | 1.70 |
| 4 | 183.2600 | 42.43 | peak | -12.35 | 30.08 | 43.50 | 13.42 |
| 5 | 191.9900 | 39.20 | peak | -12.00 | 27.20 | 43.50 | 16.30 |
| 6 | 242.4300 | 39.91 | peak | -11.67 | 28.24 | 46.00 | 17.76 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:350.0125MHz |



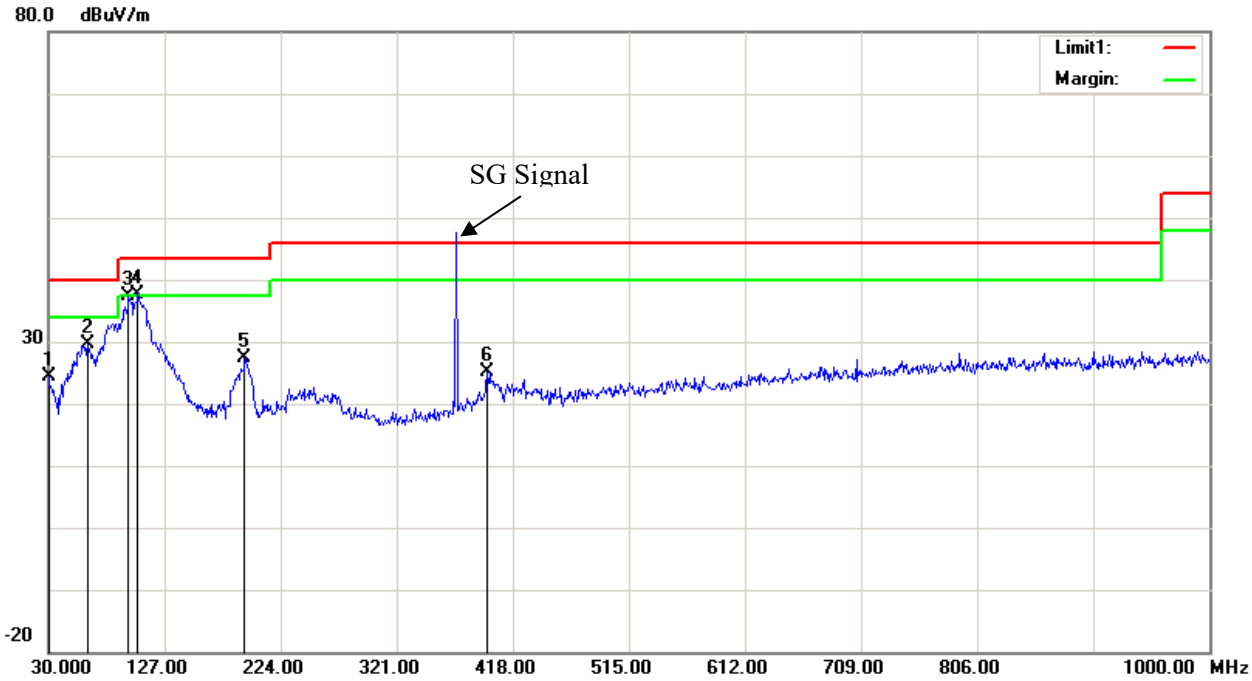

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.04 | peak | -3.80 | 23.24 | 40.00 | 16.76 |
| 2 | 58.1300 | 46.11 | peak | -16.76 | 29.35 | 40.00 | 10.65 |
| 3 | 96.9300 | 52.68 | peak | -15.27 | 37.41 | 43.50 | 6.09 |
| 4 | 105.6600 | 49.32 | QP | -12.62 | 36.70 | 43.50 | 6.80 |
| 5 | 196.8400 | 38.04 | peak | -11.68 | 26.36 | 43.50 | 17.14 |
| 6 | 254.0700 | 34.43 | peak | -11.39 | 23.04 | 46.00 | 22.96 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:370MHz |



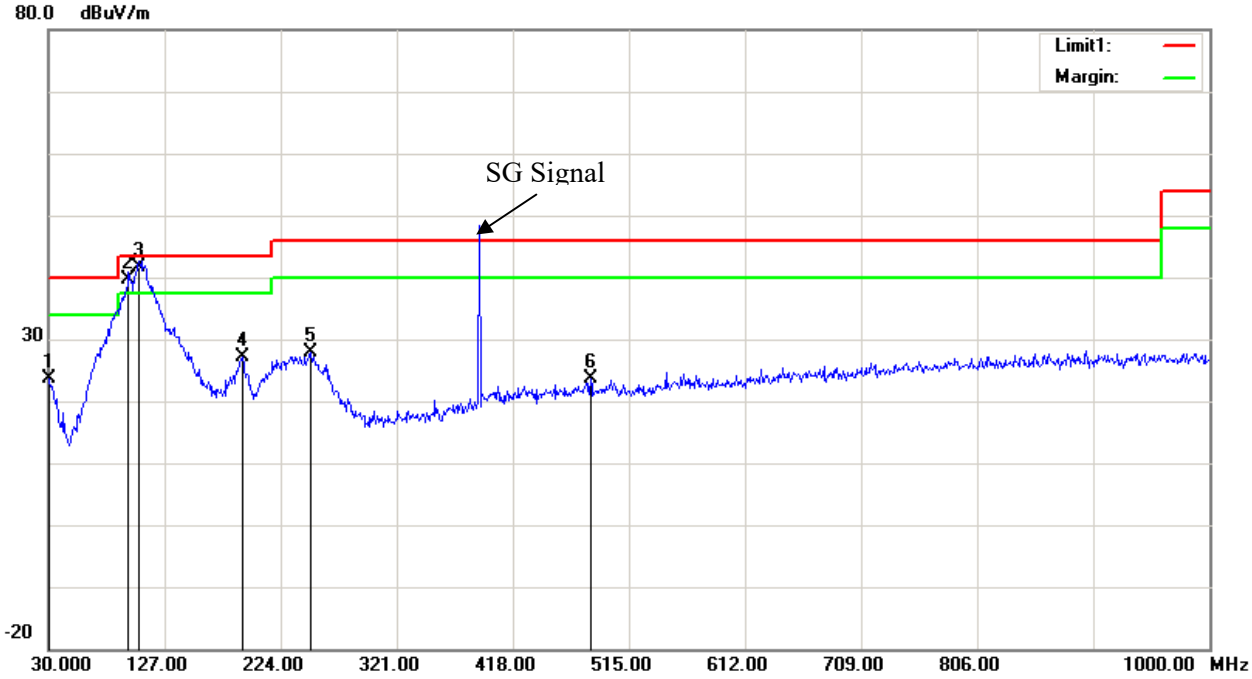

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.73 | peak | -3.80 | 23.93 | 40.00 | 16.07 |
| 2 | 96.9300 | 54.87 | QP | -15.27 | 39.60 | 43.50 | 3.90 |
| 3 | 105.6600 | 53.82 | QP | -12.62 | 41.20 | 43.50 | 2.30 |
| 4 | 187.1400 | 38.91 | peak | -12.30 | 26.61 | 43.50 | 16.89 |
| 5 | 231.7600 | 39.86 | peak | -12.16 | 27.70 | 46.00 | 18.30 |
| 6 | 255.0400 | 38.30 | peak | -11.37 | 26.93 | 46.00 | 19.07 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:370MHz |



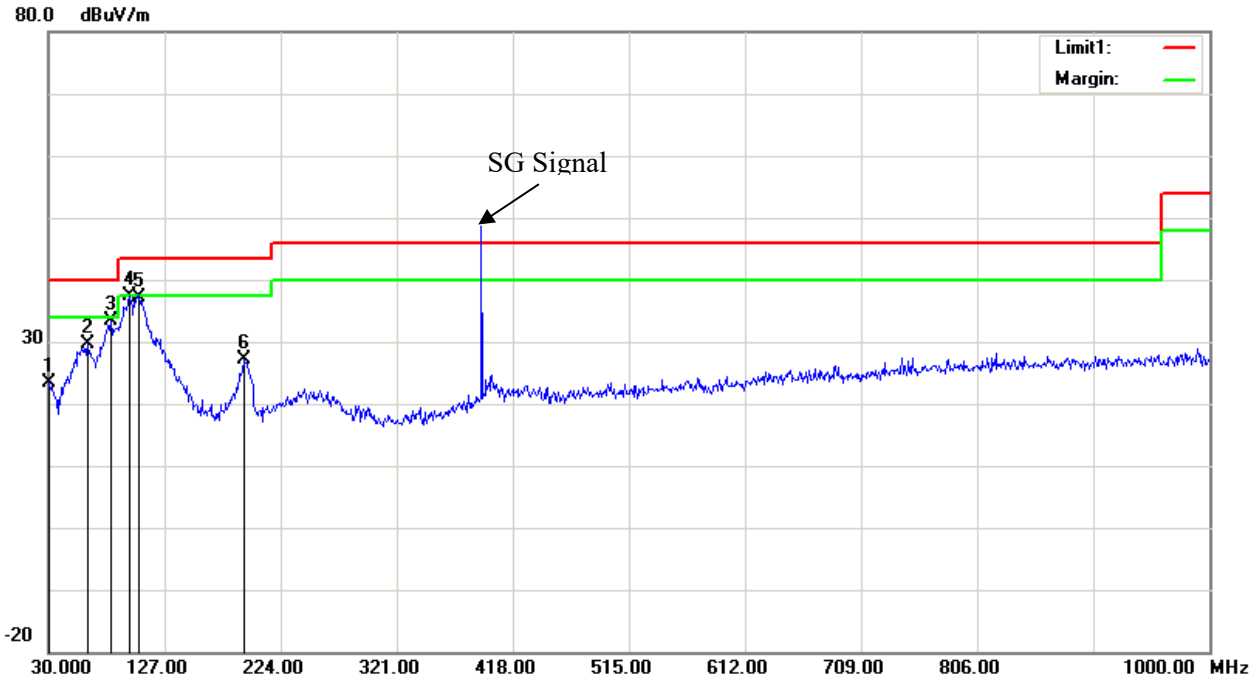

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 28.26 | peak | -3.80 | 24.46 | 40.00 | 15.54 |
| 2 | 62.9800 | 46.24 | peak | -16.53 | 29.71 | 40.00 | 10.29 |
| 3 | 96.9300 | 52.53 | peak | -15.27 | 37.26 | 43.50 | 6.24 |
| 4 | 104.6900 | 50.62 | QP | -12.92 | 37.70 | 43.50 | 5.80 |
| 5 | 193.9300 | 39.32 | peak | -11.98 | 27.34 | 43.50 | 16.16 |
| 6 | 396.6600 | 32.15 | peak | -7.09 | 25.06 | 46.00 | 20.94 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:389.9875MHz |



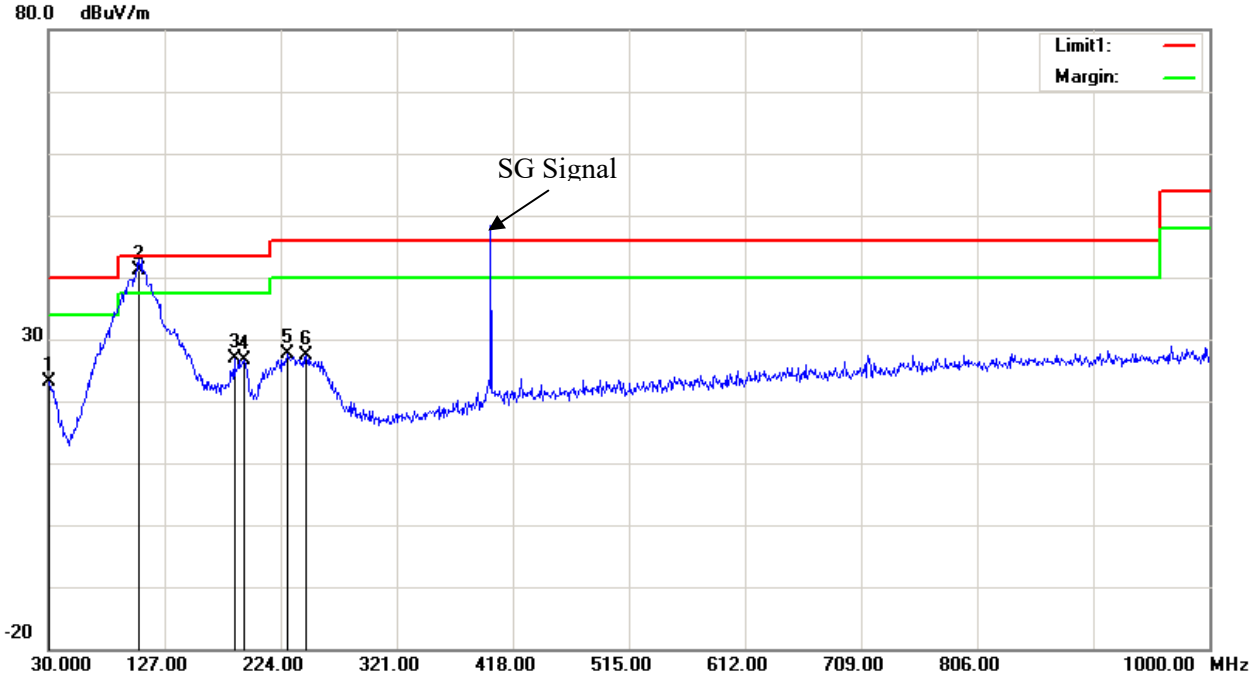

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.50 | peak | -3.80 | 23.70 | 40.00 | 16.30 |
| 2 | 96.9300 | 54.87 | QP | -15.27 | 39.60 | 43.50 | 3.90 |
| 3 | 105.6600 | 54.32 | QP | -12.62 | 41.70 | 43.50 | 1.80 |
| 4 | 191.9900 | 39.20 | peak | -12.00 | 27.20 | 43.50 | 16.30 |
| 5 | 249.2200 | 39.23 | peak | -11.46 | 27.77 | 46.00 | 18.23 |
| 6 | 482.9900 | 27.93 | peak | -4.42 | 23.51 | 46.00 | 22.49 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:389.9875MHz |



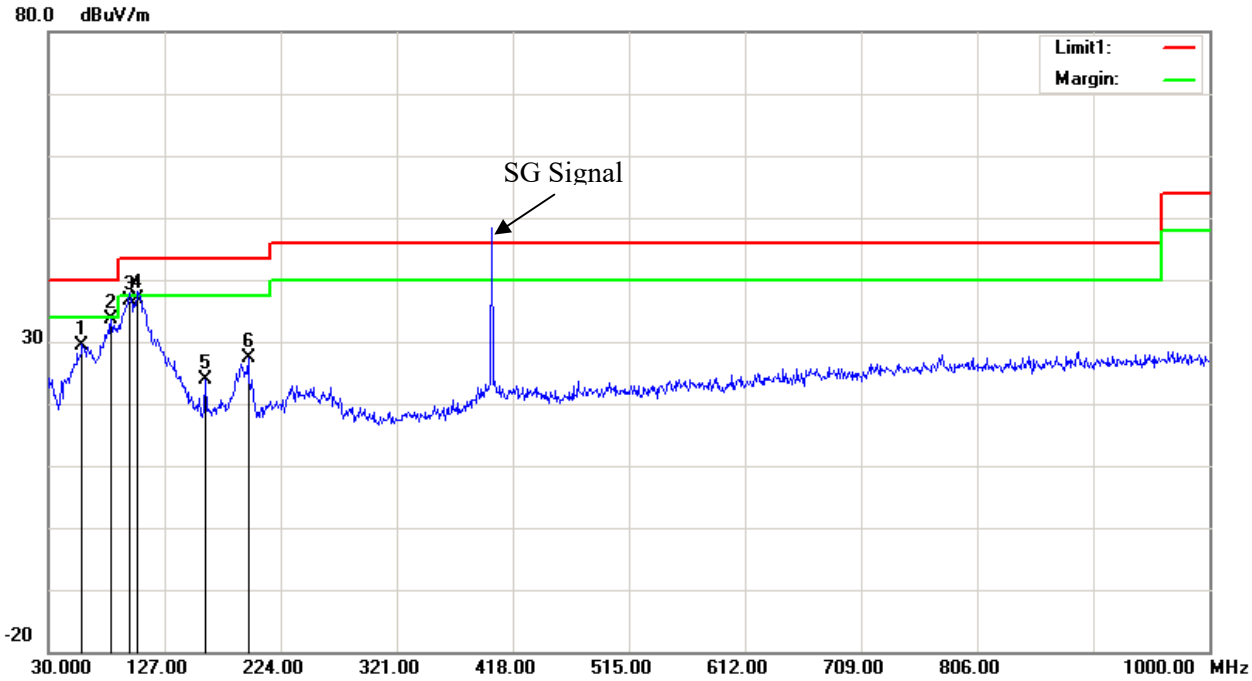

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.25 | peak | -3.80 | 23.45 | 40.00 | 16.55 |
| 2 | 62.9800 | 46.12 | peak | -16.53 | 29.59 | 40.00 | 10.41 |
| 3 | 82.3800 | 50.13 | peak | -16.66 | 33.47 | 40.00 | 6.53 |
| 4 | 97.9000 | 52.20 | peak | -14.94 | 37.26 | 43.50 | 6.24 |
| 5 | 105.6600 | 49.72 | QP | -12.62 | 37.10 | 43.50 | 6.40 |
| 6 | 193.9300 | 39.17 | peak | -11.98 | 27.19 | 43.50 | 16.31 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:400.0125MHz |



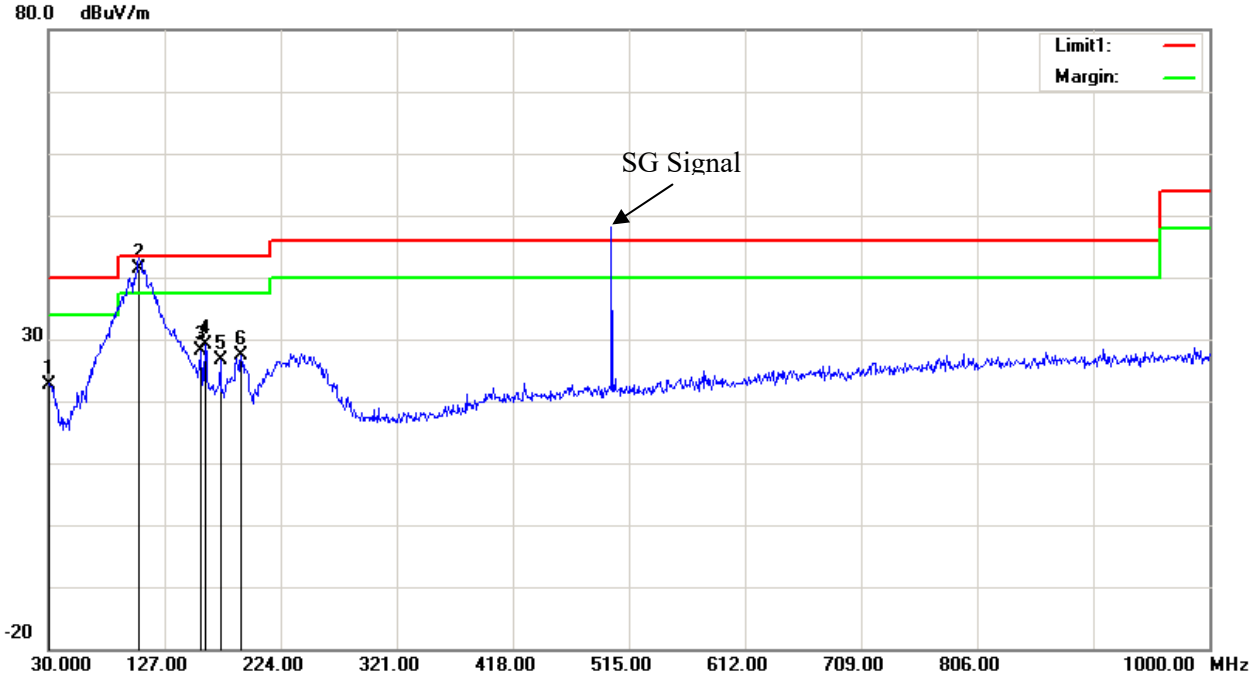

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 27.50 | peak | -4.31 | 23.19 | 40.00 | 16.81 |
| 2 | 105.6600 | 53.72 | QP | -12.62 | 41.10 | 43.50 | 2.40 |
| 3 | 185.2000 | 39.31 | peak | -12.39 | 26.92 | 43.50 | 16.58 |
| 4 | 192.9600 | 38.56 | peak | -11.99 | 26.57 | 43.50 | 16.93 |
| 5 | 229.8200 | 39.76 | peak | -12.23 | 27.53 | 46.00 | 18.47 |
| 6 | 245.3400 | 38.93 | peak | -11.57 | 27.36 | 46.00 | 18.64 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:400.0125MHz |



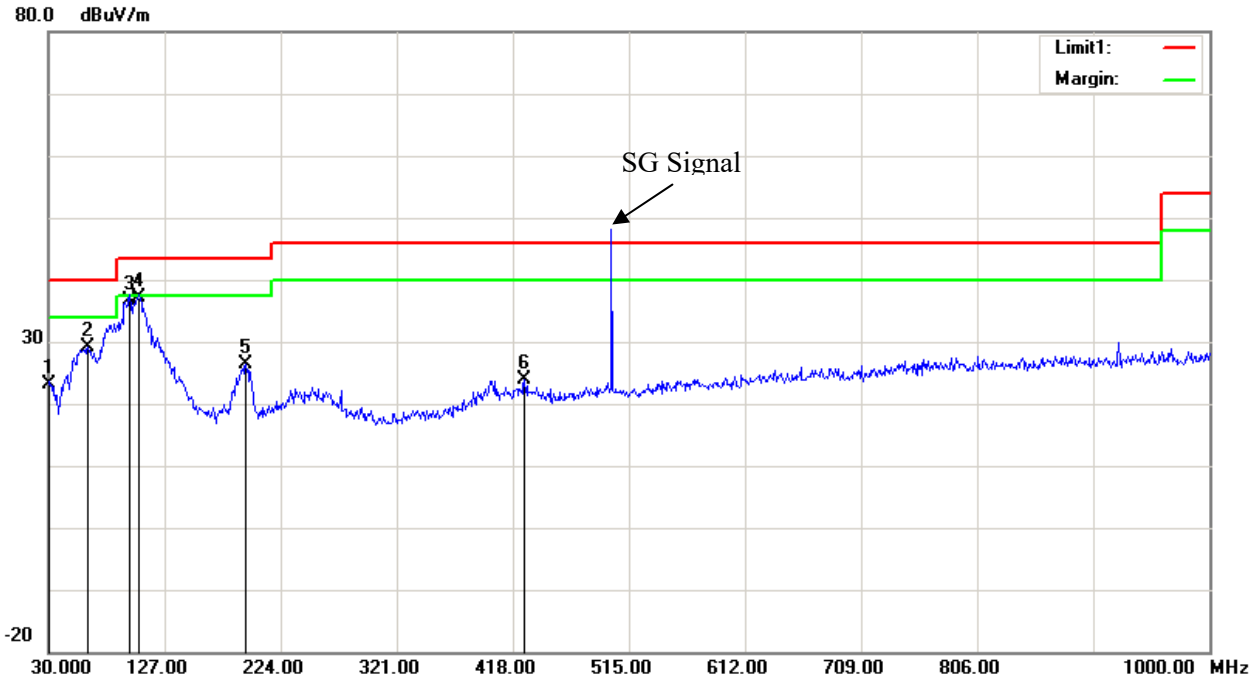

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 58.1300 | 46.26 | peak | -16.76 | 29.50 | 40.00 | 10.50 |
| 2 | 82.3800 | 50.37 | peak | -16.66 | 33.71 | 40.00 | 6.29 |
| 3 | 97.9000 | 51.64 | QP | -14.94 | 36.70 | 43.50 | 6.80 |
| 4 | 104.6900 | 49.72 | QP | -12.92 | 36.80 | 43.50 | 6.70 |
| 5 | 160.9500 | 35.12 | peak | -11.15 | 23.97 | 43.50 | 19.53 |
| 6 | 196.8400 | 39.15 | peak | -11.68 | 27.47 | 43.50 | 16.03 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:500MHz |



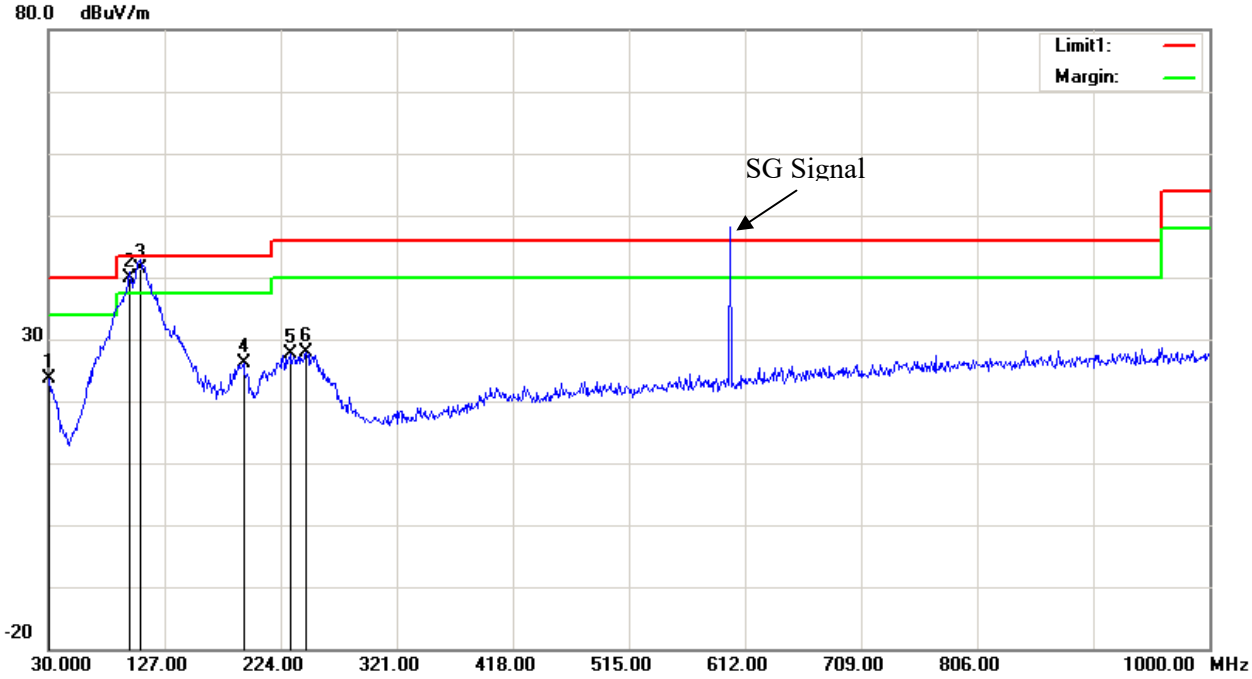

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 26.43 | peak | -3.80 | 22.63 | 40.00 | 17.37 |
| 2 | 105.6600 | 54.12 | QP | -12.62 | 41.50 | 43.50 | 2.00 |
| 3 | 157.0700 | 39.26 | peak | -11.12 | 28.14 | 43.50 | 15.36 |
| 4 | 160.9500 | 40.24 | peak | -11.15 | 29.09 | 43.50 | 14.41 |
| 5 | 173.5600 | 38.47 | peak | -11.77 | 26.70 | 43.50 | 16.80 |
| 6 | 191.0200 | 39.52 | peak | -12.06 | 27.46 | 43.50 | 16.04 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:500MHz |



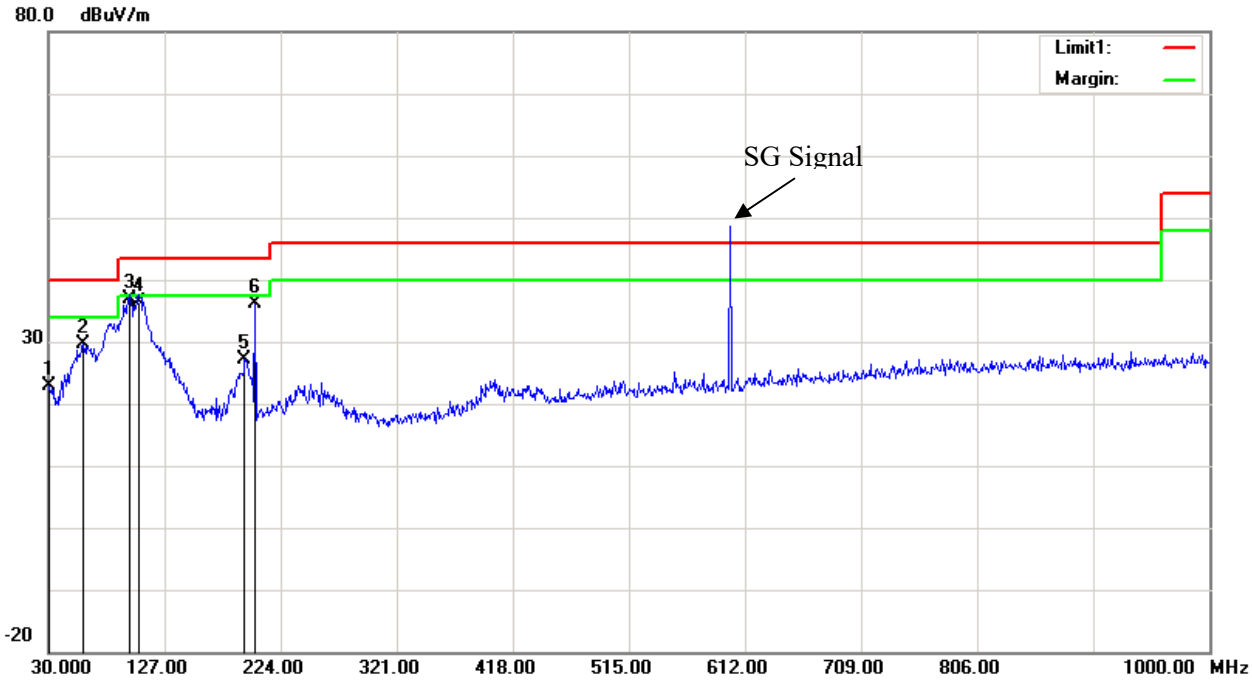

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 26.87 | peak | -3.80 | 23.07 | 40.00 | 16.93 |
| 2 | 62.9800 | 45.72 | peak | -16.53 | 29.19 | 40.00 | 10.81 |
| 3 | 97.9000 | 51.64 | QP | -14.94 | 36.70 | 43.50 | 6.80 |
| 4 | 105.6600 | 49.72 | QP | -12.62 | 37.10 | 43.50 | 6.40 |
| 5 | 194.9000 | 38.21 | peak | -11.88 | 26.33 | 43.50 | 17.17 |
| 6 | 427.7000 | 30.05 | peak | -6.14 | 23.91 | 46.00 | 22.09 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:599.9875MHz |




| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 27.92 | peak | -4.31 | 23.61 | 40.00 | 16.39 |
| 2 | 97.9000 | 54.84 | QP | -14.94 | 39.90 | 43.50 | 3.60 |
| 3 | 106.6300 | 53.62 | QP | -12.32 | 41.30 | 43.50 | 2.20 |
| 4 | 192.9600 | 38.17 | peak | -11.99 | 26.18 | 43.50 | 17.32 |
| 5 | 231.7600 | 39.72 | peak | -12.16 | 27.56 | 46.00 | 18.44 |
| 6 | 245.3400 | 39.39 | peak | -11.57 | 27.82 | 46.00 | 18.18 |

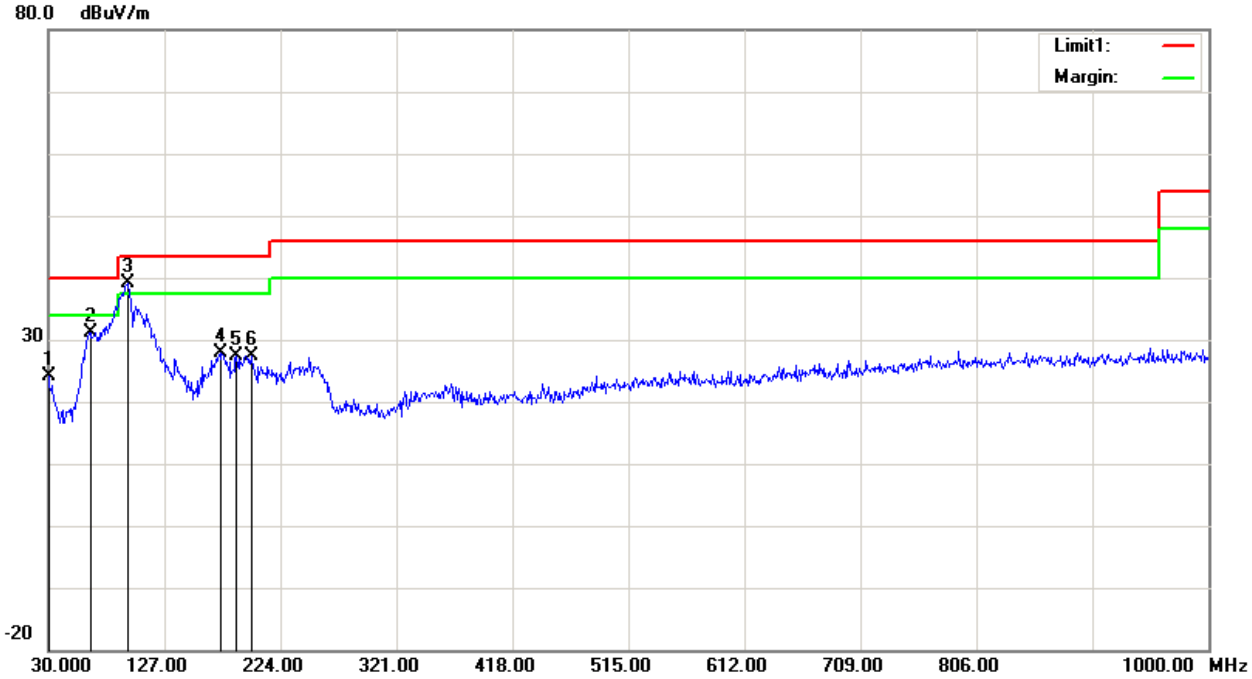
| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Leesin Xiang |
| Test Date: | 2024-6-18 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:599.9875MHz |




| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 27.16 | peak | -4.31 | 22.85 | 40.00 | 17.15 |
| 2 | 59.1000 | 46.38 | peak | -16.70 | 29.68 | 40.00 | 10.32 |
| 3 | 97.9000 | 51.74 | QP | -14.94 | 36.80 | 43.50 | 6.70 |
| 4 | 105.6600 | 49.12 | QP | -12.62 | 36.50 | 43.50 | 7.00 |
| 5 | 193.9300 | 39.14 | peak | -11.98 | 27.16 | 43.50 | 16.34 |
| 6 | 202.6600 | 47.80 | peak | -11.78 | 36.02 | 43.50 | 7.48 |

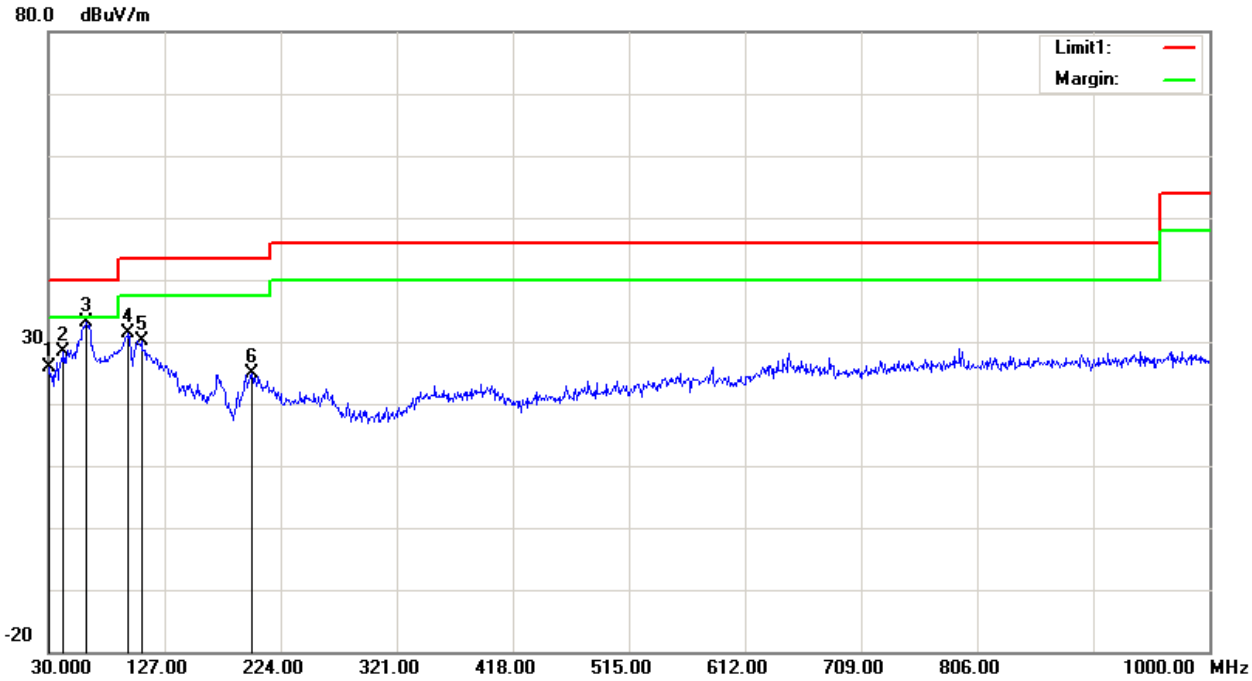
**Antenna 2:**

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Scanning frequency:108-136MHz |



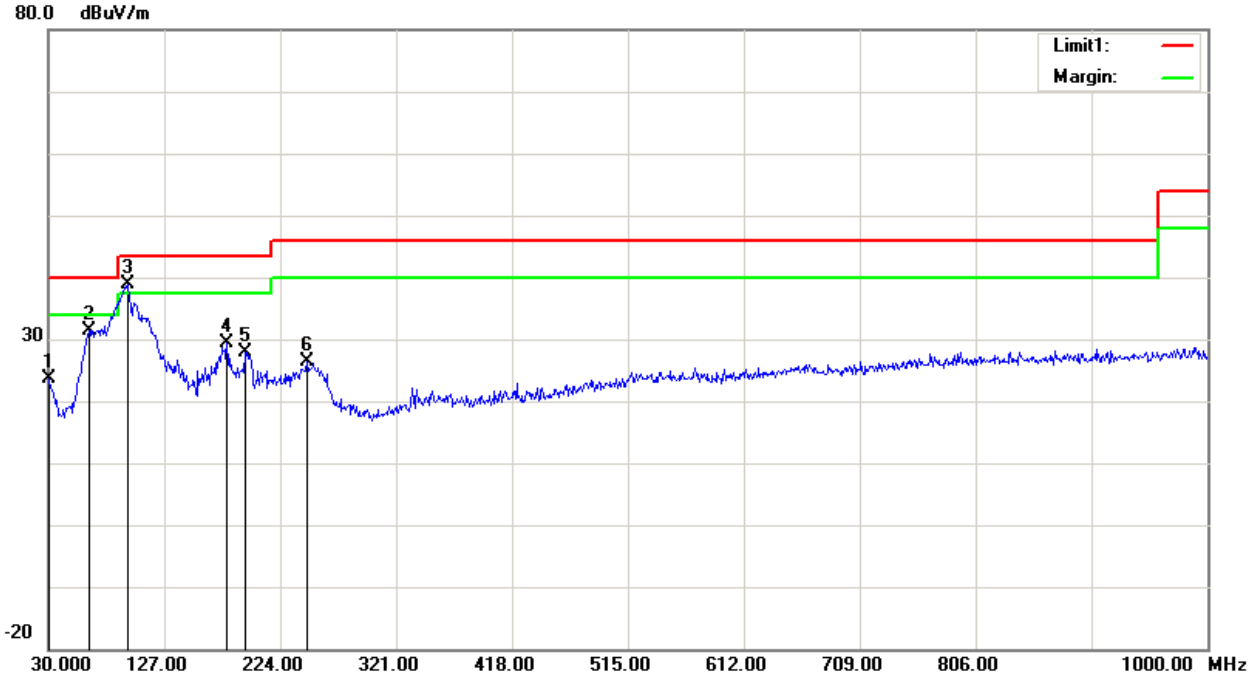

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.85 | peak | -3.80 | 24.05 | 40.00 | 15.95 |
| 2 | 64.9200 | 47.66 | peak | -16.50 | 31.16 | 40.00 | 8.84 |
| 3 | 95.9600 | 54.42 | QP | -15.22 | 39.20 | 43.50 | 4.30 |
| 4 | 174.5300 | 39.82 | peak | -12.04 | 27.78 | 43.50 | 15.72 |
| 5 | 187.1400 | 39.66 | peak | -12.19 | 27.47 | 43.50 | 16.03 |
| 6 | 199.7500 | 38.98 | peak | -11.54 | 27.44 | 43.50 | 16.06 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Scanning frequency:108-136MHz |



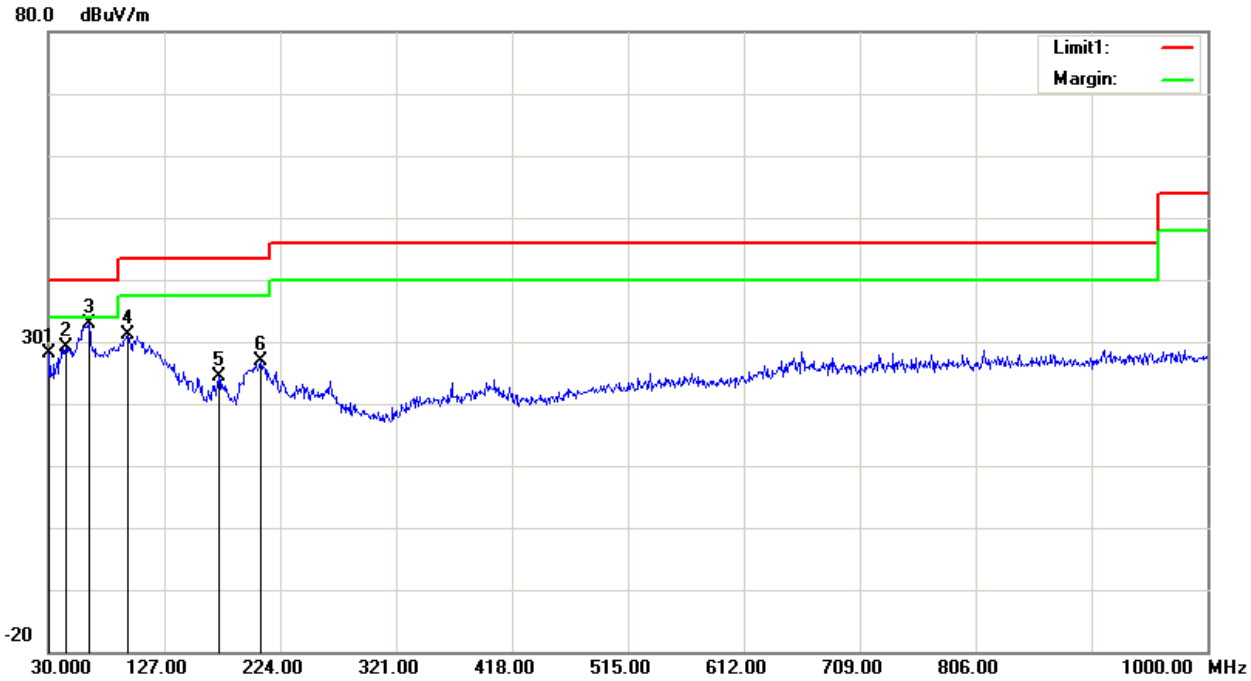

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 30.37 | peak | -4.50 | 25.87 | 40.00 | 14.13 |
| 2 | 42.6100 | 40.74 | peak | -12.35 | 28.39 | 40.00 | 11.61 |
| 3 | 62.0100 | 49.70 | peak | -16.60 | 33.10 | 40.00 | 6.90 |
| 4 | 96.9300 | 46.39 | peak | -15.01 | 31.38 | 43.50 | 12.12 |
| 5 | 107.6000 | 42.21 | peak | -12.09 | 30.12 | 43.50 | 13.38 |
| 6 | 199.7500 | 36.52 | peak | -11.54 | 24.98 | 43.50 | 18.52 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Scanning frequency:136-174MHz |



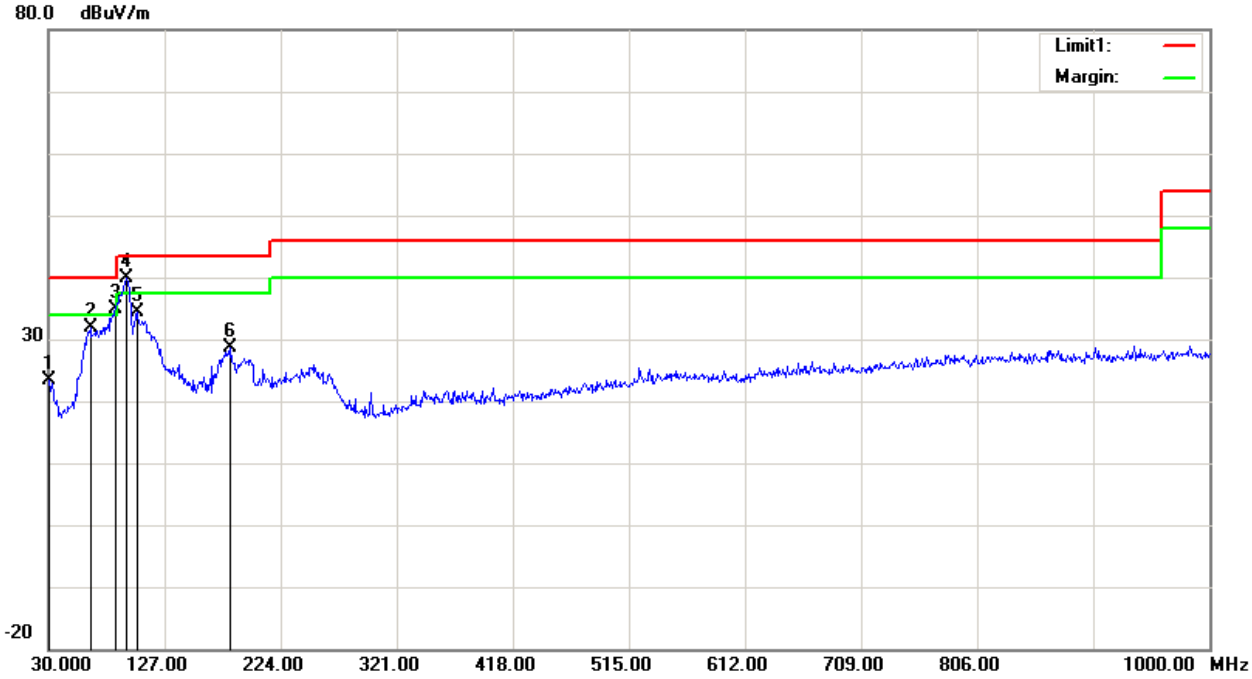

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.51 | peak | -3.80 | 23.71 | 40.00 | 16.29 |
| 2 | 63.9500 | 48.04 | peak | -16.54 | 31.50 | 40.00 | 8.50 |
| 3 | 95.9600 | 54.12 | QP | -15.22 | 38.90 | 43.50 | 4.60 |
| 4 | 179.3800 | 41.72 | peak | -12.32 | 29.40 | 43.50 | 14.10 |
| 5 | 194.9000 | 39.76 | peak | -11.82 | 27.94 | 43.50 | 15.56 |
| 6 | 246.3100 | 37.97 | peak | -11.55 | 26.42 | 46.00 | 19.58 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Scanning frequency:136-174MHz |



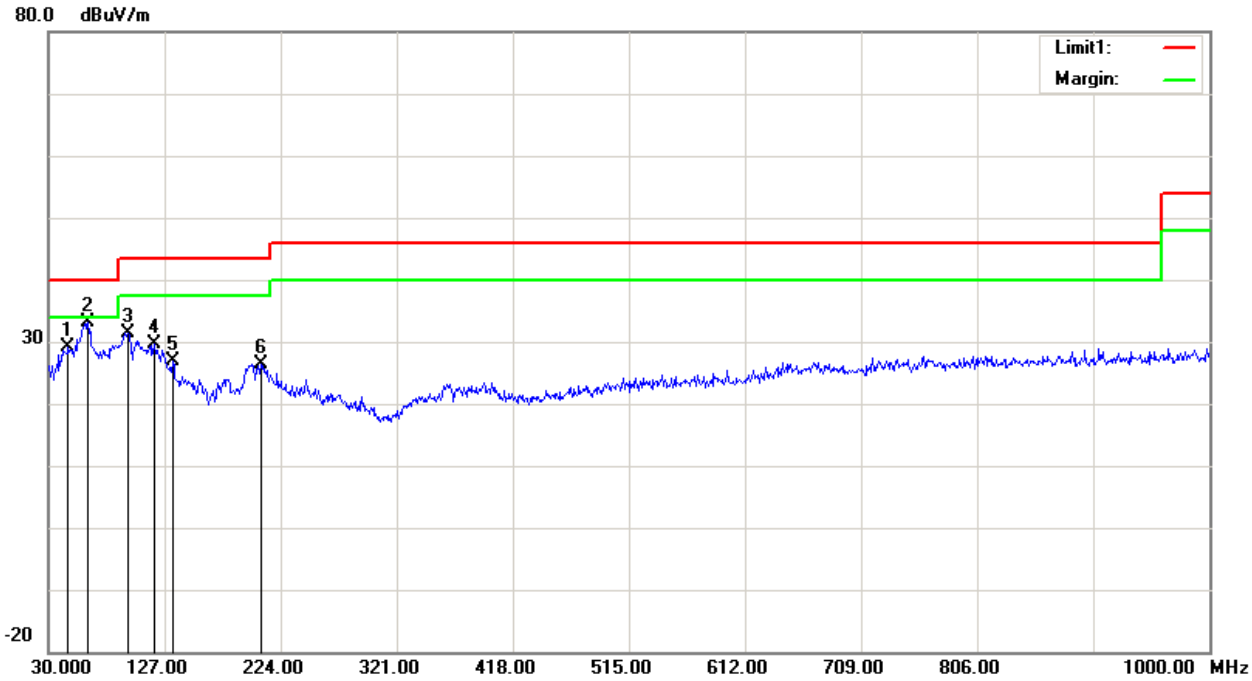

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 32.65 | peak | -4.50 | 28.15 | 40.00 | 11.85 |
| 2 | 44.5500 | 42.55 | peak | -13.41 | 29.14 | 40.00 | 10.86 |
| 3 | 63.9500 | 49.45 | peak | -16.54 | 32.91 | 40.00 | 7.09 |
| 4 | 95.9600 | 46.27 | peak | -15.22 | 31.05 | 43.50 | 12.45 |
| 5 | 172.5900 | 36.42 | peak | -11.94 | 24.48 | 43.50 | 19.02 |
| 6 | 207.5100 | 39.13 | peak | -12.31 | 26.82 | 43.50 | 16.68 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Scanning frequency:220-260MHz |



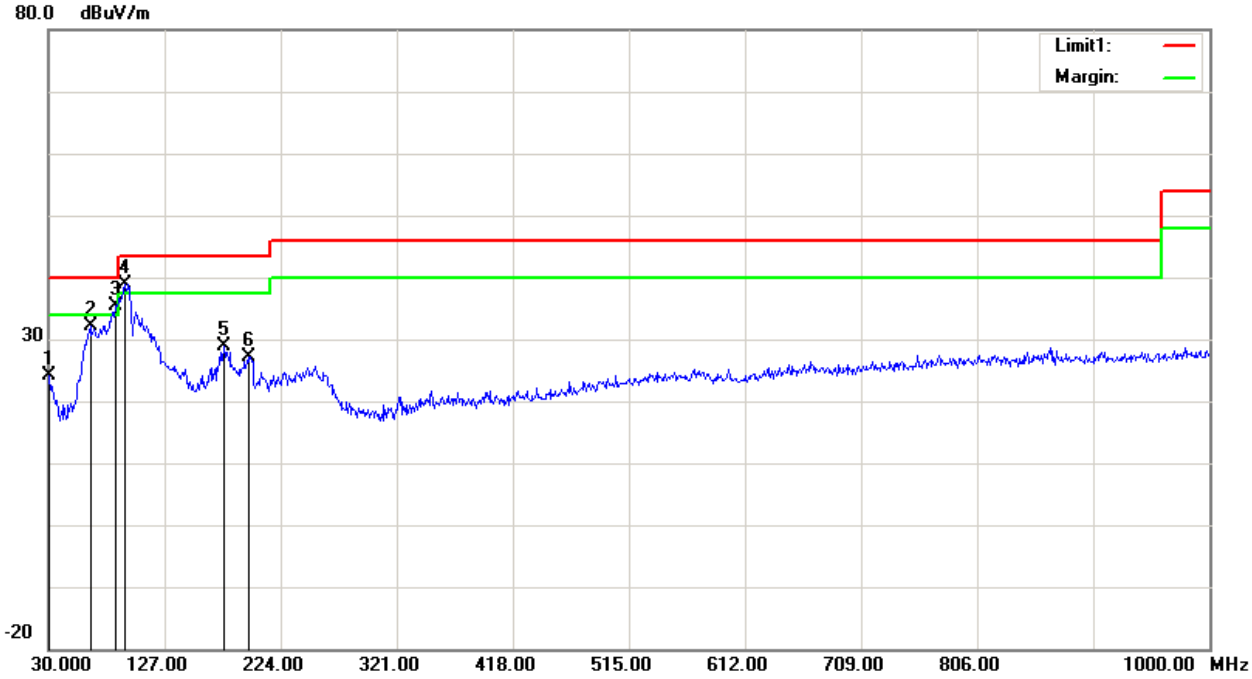

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 27.89 | peak | -4.50 | 23.39 | 40.00 | 16.61 |
| 2 | 64.9200 | 48.31 | peak | -16.50 | 31.81 | 40.00 | 8.19 |
| 3 | 86.2600 | 51.52 | QP | -16.62 | 34.90 | 40.00 | 5.10 |
| 4 | 94.9900 | 55.21 | QP | -15.41 | 39.80 | 43.50 | 3.70 |
| 5 | 103.7200 | 47.69 | peak | -13.27 | 34.42 | 43.50 | 9.08 |
| 6 | 182.2900 | 40.88 | peak | -12.31 | 28.57 | 43.50 | 14.93 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Scanning frequency:220-260MHz |



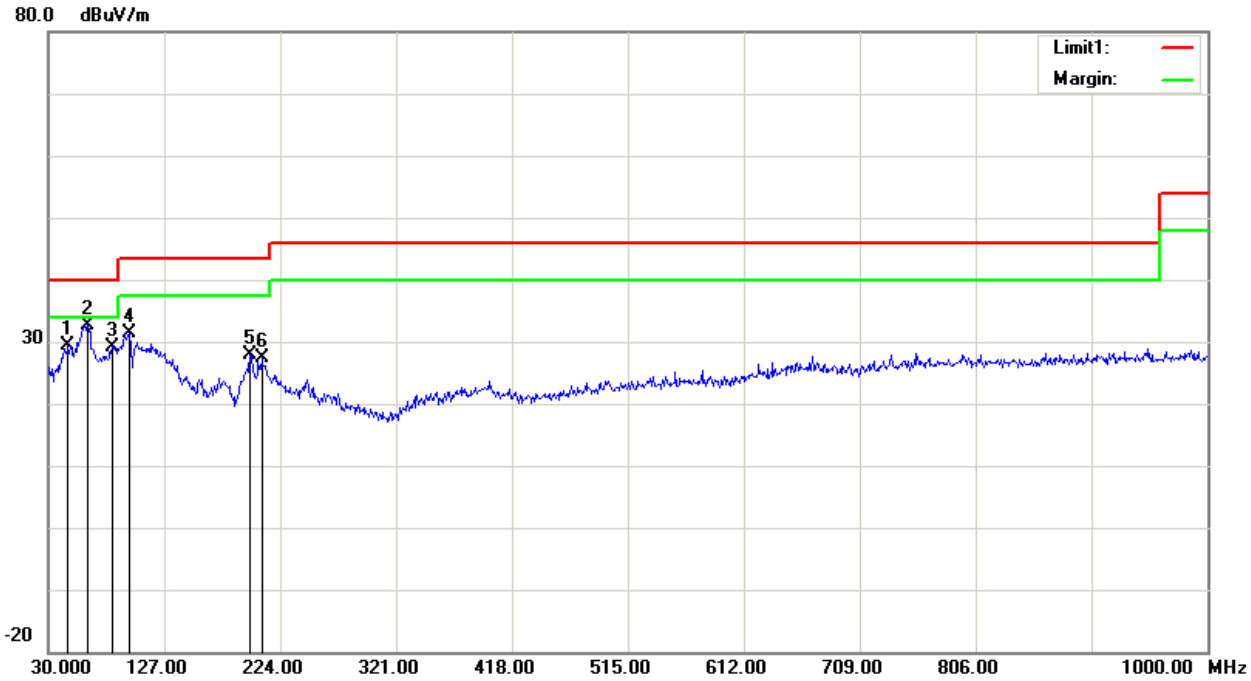

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 46.4900 | 43.53 | peak | -14.49 | 29.04 | 40.00 | 10.96 |
| 2 | 62.9800 | 49.66 | peak | -16.56 | 33.10 | 40.00 | 6.90 |
| 3 | 96.9300 | 46.47 | peak | -15.01 | 31.46 | 43.50 | 12.04 |
| 4 | 118.2700 | 39.74 | peak | -10.18 | 29.56 | 43.50 | 13.94 |
| 5 | 133.7900 | 37.03 | peak | -10.09 | 26.94 | 43.50 | 16.56 |
| 6 | 207.5100 | 38.58 | peak | -12.31 | 26.27 | 43.50 | 17.23 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Scanning frequency:350-390MHz |



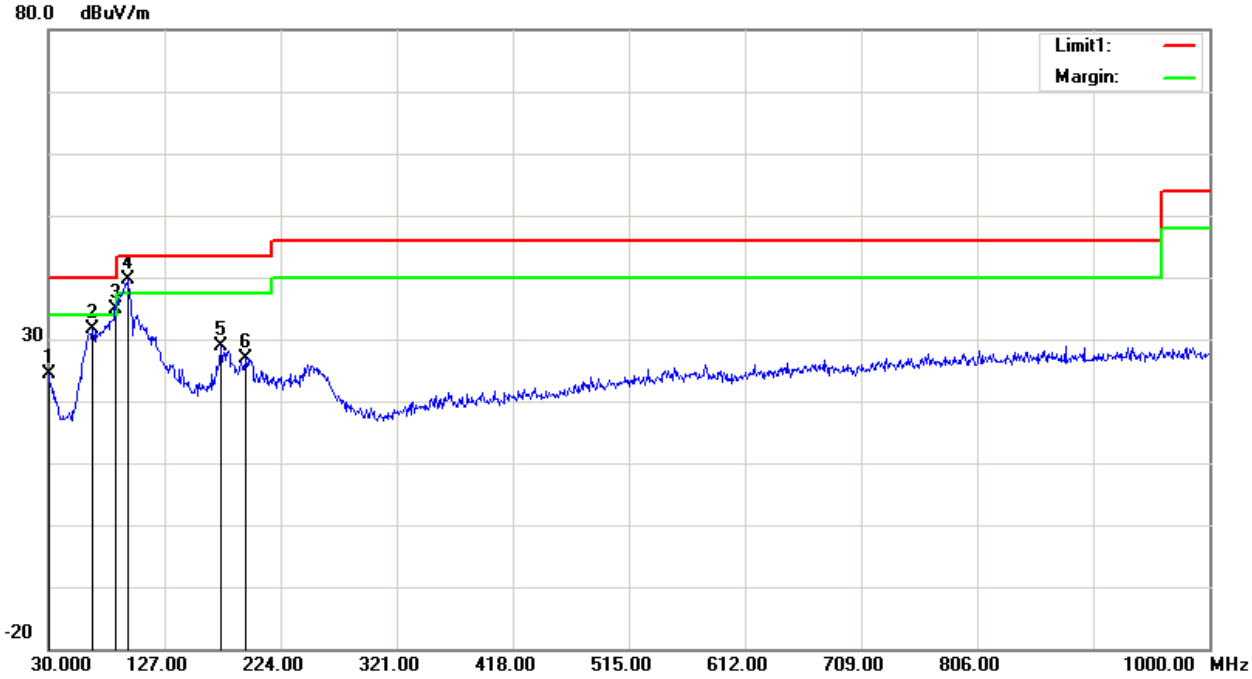

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.91 | peak | -3.80 | 24.11 | 40.00 | 15.89 |
| 2 | 64.9200 | 48.54 | peak | -16.50 | 32.04 | 40.00 | 7.96 |
| 3 | 86.2600 | 52.02 | QP | -16.62 | 35.40 | 40.00 | 4.60 |
| 4 | 94.0200 | 54.44 | QP | -15.64 | 38.80 | 43.50 | 4.70 |
| 5 | 176.4700 | 41.11 | peak | -12.16 | 28.95 | 43.50 | 14.55 |
| 6 | 196.8400 | 38.77 | peak | -11.72 | 27.05 | 43.50 | 16.45 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Scanning frequency:350-390MHz |



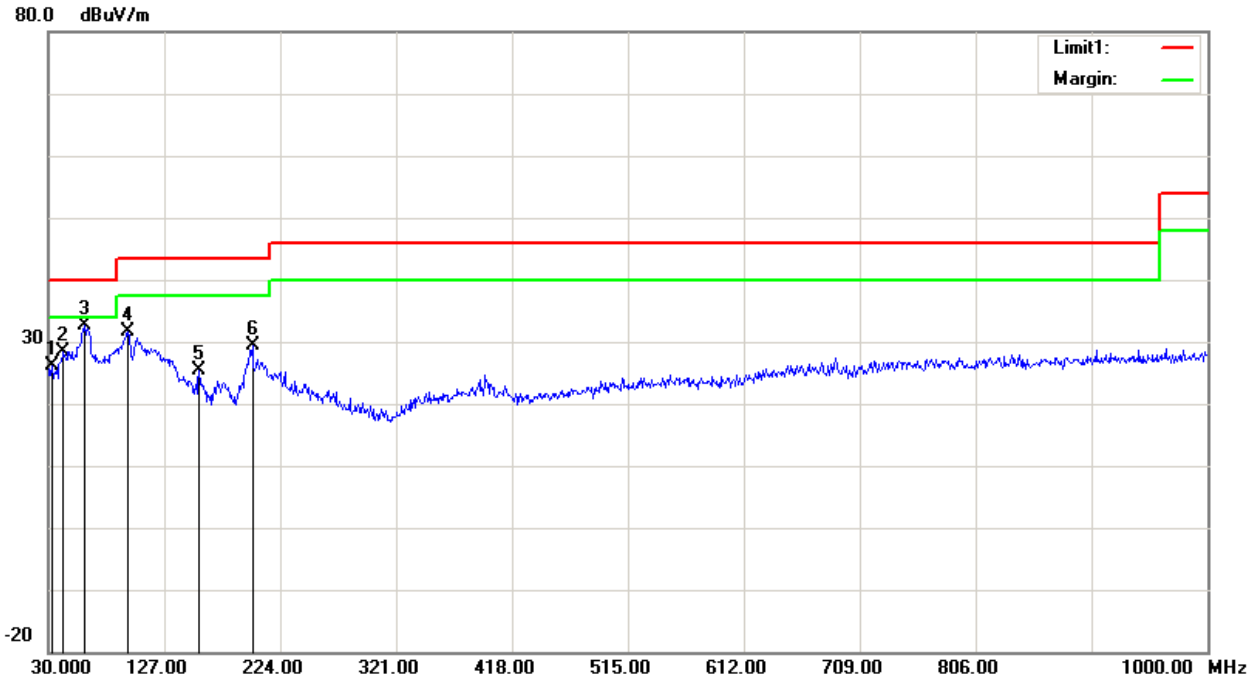

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 46.4900 | 43.84 | peak | -14.49 | 29.35 | 40.00 | 10.65 |
| 2 | 62.9800 | 49.31 | peak | -16.56 | 32.75 | 40.00 | 7.25 |
| 3 | 83.3500 | 45.84 | peak | -16.59 | 29.25 | 40.00 | 10.75 |
| 4 | 97.9000 | 46.12 | peak | -14.83 | 31.29 | 43.50 | 12.21 |
| 5 | 198.7800 | 39.50 | peak | -11.60 | 27.90 | 43.50 | 15.60 |
| 6 | 208.4800 | 39.85 | peak | -12.40 | 27.45 | 43.50 | 16.05 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Scanning frequency:400-600MHz |



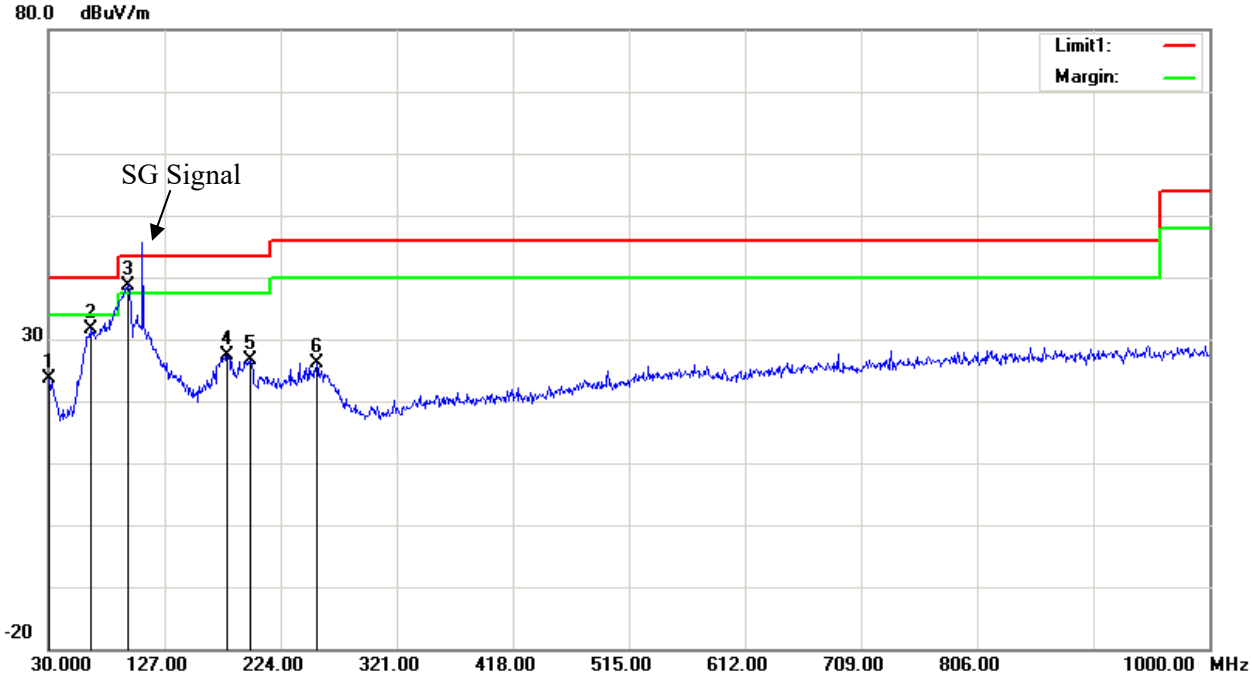

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 28.22 | peak | -3.80 | 24.42 | 40.00 | 15.58 |
| 2 | 66.8600 | 47.96 | peak | -16.42 | 31.54 | 40.00 | 8.46 |
| 3 | 86.2600 | 51.52 | QP | -16.62 | 34.90 | 40.00 | 5.10 |
| 4 | 95.9600 | 54.82 | QP | -15.22 | 39.60 | 43.50 | 3.90 |
| 5 | 174.5300 | 40.97 | peak | -12.04 | 28.93 | 43.50 | 14.57 |
| 6 | 194.9000 | 38.70 | peak | -11.82 | 26.88 | 43.50 | 16.62 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M1 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Scanning frequency:400-600MHz |



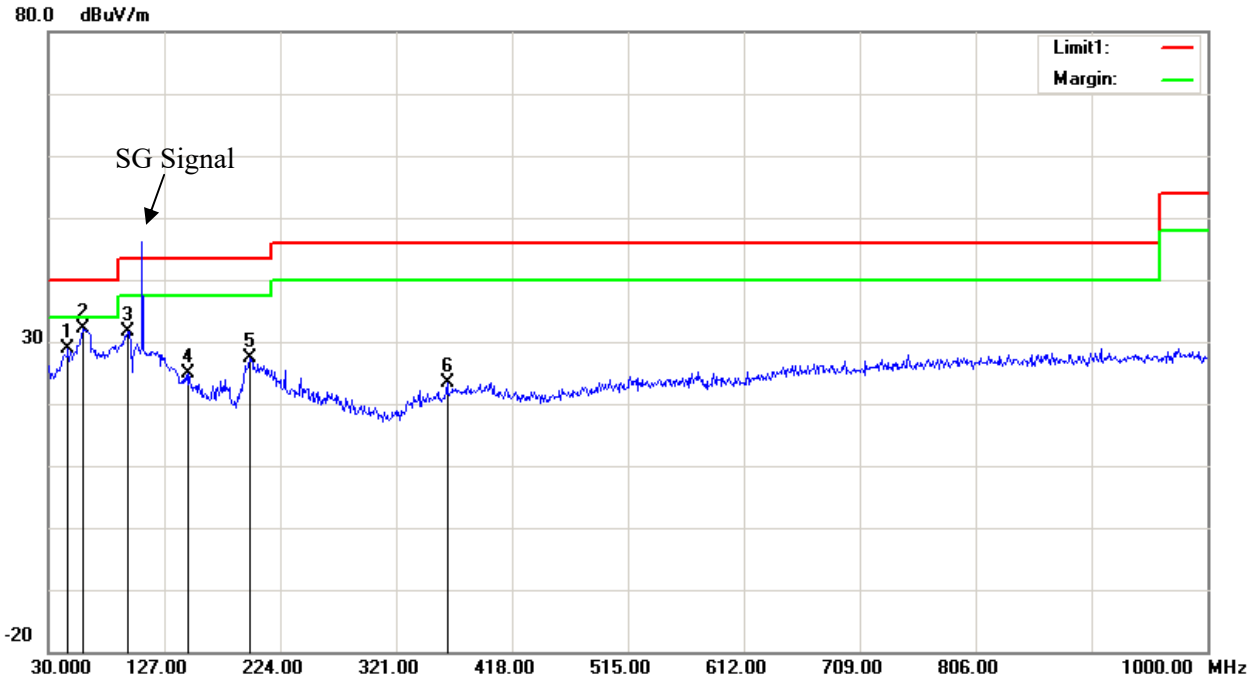

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 32.9100 | 31.96 | peak | -5.91 | 26.05 | 40.00 | 13.95 |
| 2 | 42.6100 | 40.80 | peak | -12.35 | 28.45 | 40.00 | 11.55 |
| 3 | 60.0700 | 49.26 | peak | -16.66 | 32.60 | 40.00 | 7.40 |
| 4 | 95.9600 | 46.92 | peak | -15.22 | 31.70 | 43.50 | 11.80 |
| 5 | 156.1000 | 36.58 | peak | -11.11 | 25.47 | 43.50 | 18.03 |
| 6 | 200.7200 | 41.03 | peak | -11.60 | 29.43 | 43.50 | 14.07 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:108.0125MHz |



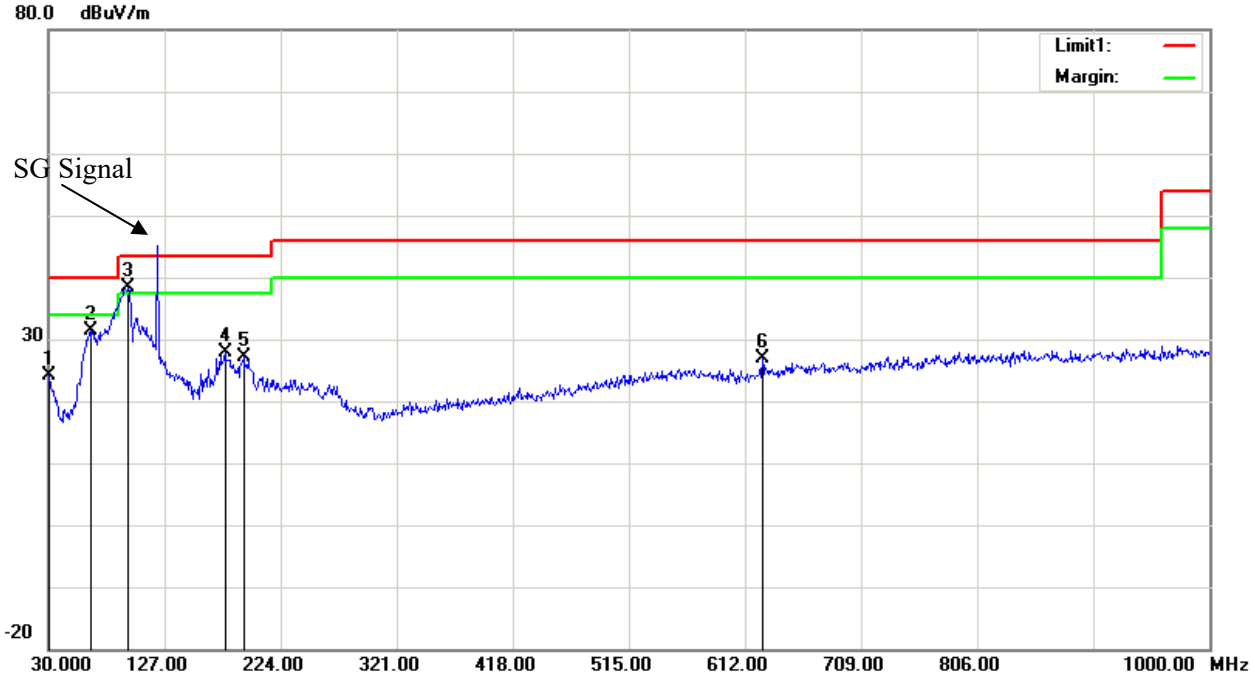

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 28.13 | peak | -4.50 | 23.63 | 40.00 | 16.37 |
| 2 | 64.9200 | 48.20 | peak | -16.50 | 31.70 | 40.00 | 8.30 |
| 3 | 96.9300 | 53.71 | QP | -15.01 | 38.70 | 43.50 | 4.80 |
| 4 | 179.3800 | 39.77 | peak | -12.32 | 27.45 | 43.50 | 16.05 |
| 5 | 198.7800 | 38.23 | peak | -11.60 | 26.63 | 43.50 | 16.87 |
| 6 | 254.0700 | 37.38 | peak | -11.31 | 26.07 | 46.00 | 19.93 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:108.0125MHz |



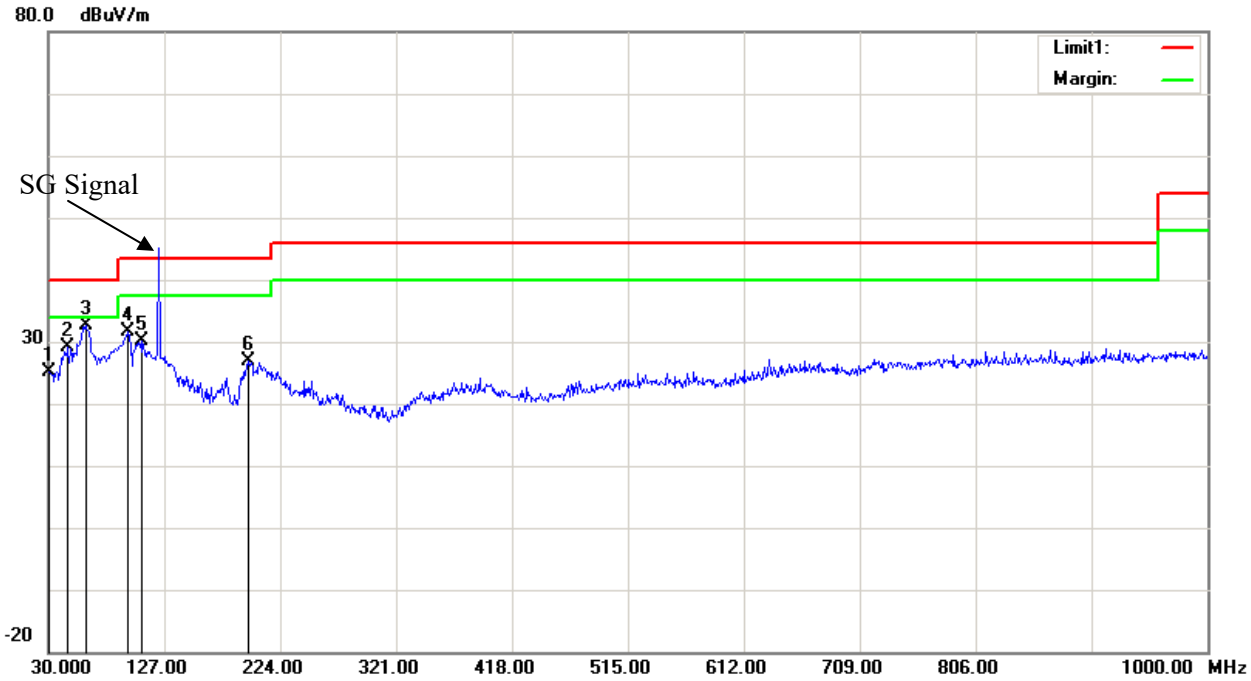

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 46.4900 | 43.27 | peak | -14.49 | 28.78 | 40.00 | 11.22 |
| 2 | 59.1000 | 48.76 | peak | -16.63 | 32.13 | 40.00 | 7.87 |
| 3 | 96.9300 | 46.72 | peak | -15.01 | 31.71 | 43.50 | 11.79 |
| 4 | 147.3700 | 35.75 | peak | -10.90 | 24.85 | 43.50 | 18.65 |
| 5 | 198.7800 | 39.01 | peak | -11.60 | 27.41 | 43.50 | 16.09 |
| 6 | 363.6800 | 31.63 | peak | -8.23 | 23.40 | 46.00 | 22.60 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:122MHz |



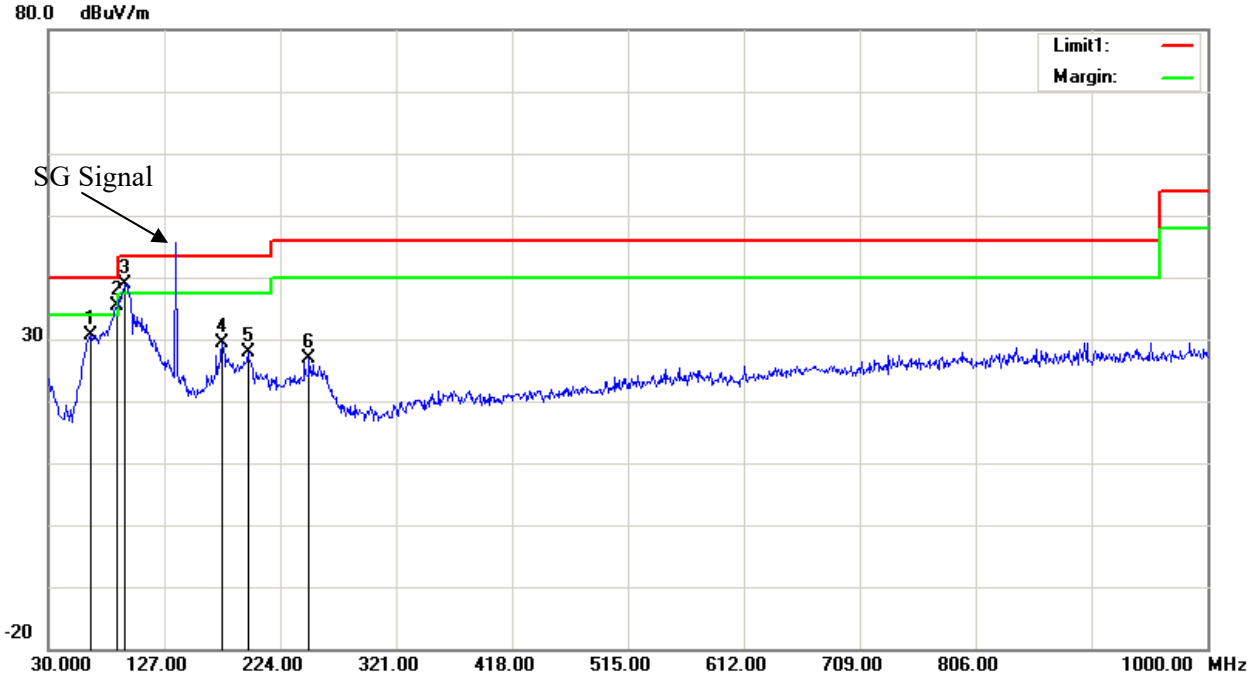

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 28.52 | peak | -4.50 | 24.02 | 40.00 | 15.98 |
| 2 | 64.9200 | 47.94 | peak | -16.50 | 31.44 | 40.00 | 8.56 |
| 3 | 96.9300 | 53.51 | QP | -15.01 | 38.50 | 43.50 | 5.00 |
| 4 | 177.4400 | 40.16 | peak | -12.21 | 27.95 | 43.50 | 15.55 |
| 5 | 192.9600 | 39.19 | peak | -11.94 | 27.25 | 43.50 | 16.25 |
| 6 | 626.5500 | 29.20 | peak | -2.37 | 26.83 | 46.00 | 19.17 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:122MHz |



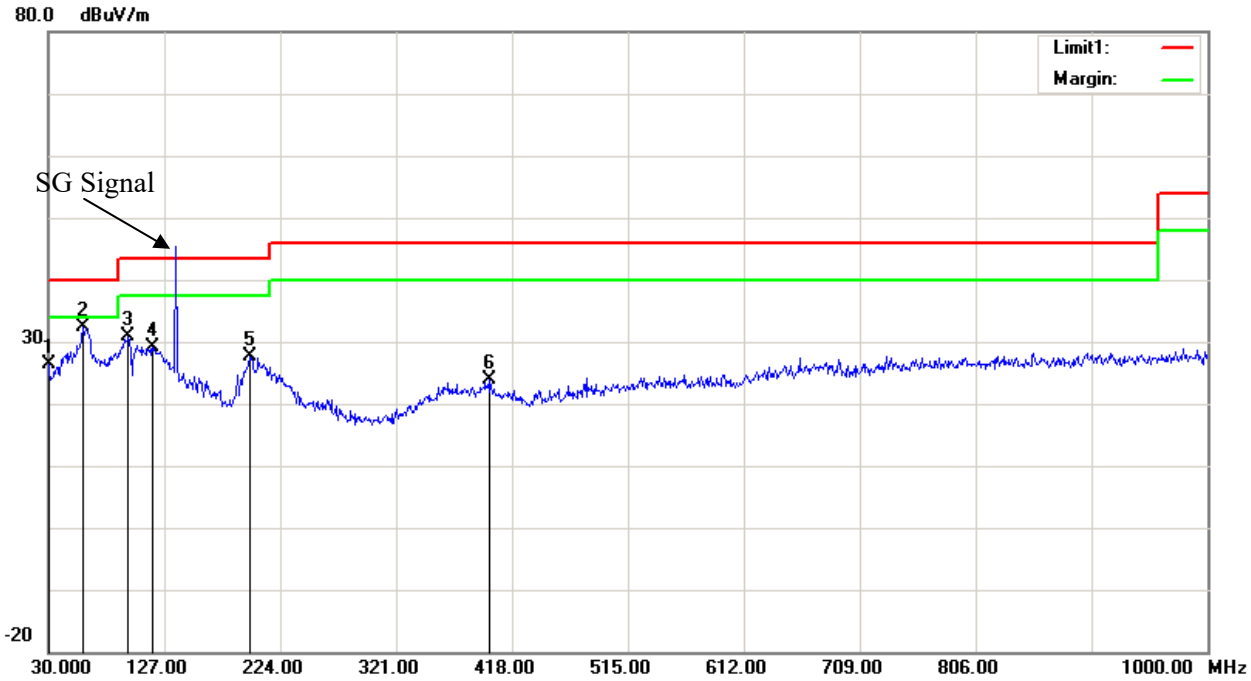

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 29.73 | peak | -4.50 | 25.23 | 40.00 | 14.77 |
| 2 | 46.4900 | 43.54 | peak | -14.49 | 29.05 | 40.00 | 10.95 |
| 3 | 61.0400 | 49.22 | peak | -16.62 | 32.60 | 40.00 | 7.40 |
| 4 | 96.9300 | 46.64 | peak | -15.01 | 31.63 | 43.50 | 11.87 |
| 5 | 107.6000 | 42.11 | peak | -12.09 | 30.02 | 43.50 | 13.48 |
| 6 | 196.8400 | 38.61 | peak | -11.72 | 26.89 | 43.50 | 16.61 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency: 135.9875MHz |



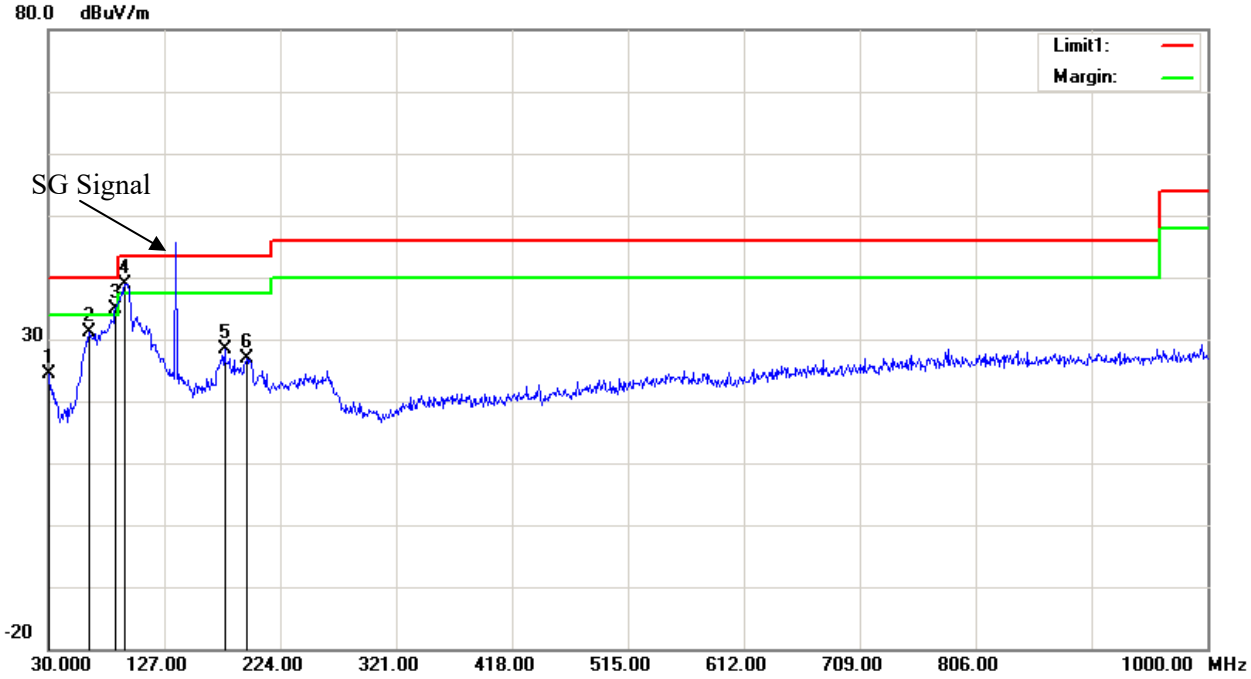

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 64.9200 | 47.23 | peak | -16.50 | 30.73 | 40.00 | 9.27 |
| 2 | 87.2300 | 51.90 | QP | -16.60 | 35.30 | 40.00 | 4.70 |
| 3 | 94.0200 | 54.54 | QP | -15.64 | 38.90 | 43.50 | 4.60 |
| 4 | 175.5000 | 41.43 | peak | -12.10 | 29.33 | 43.50 | 14.17 |
| 5 | 196.8400 | 39.59 | peak | -11.72 | 27.87 | 43.50 | 15.63 |
| 6 | 248.2500 | 38.42 | peak | -11.50 | 26.92 | 46.00 | 19.08 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:135.9875MHz |



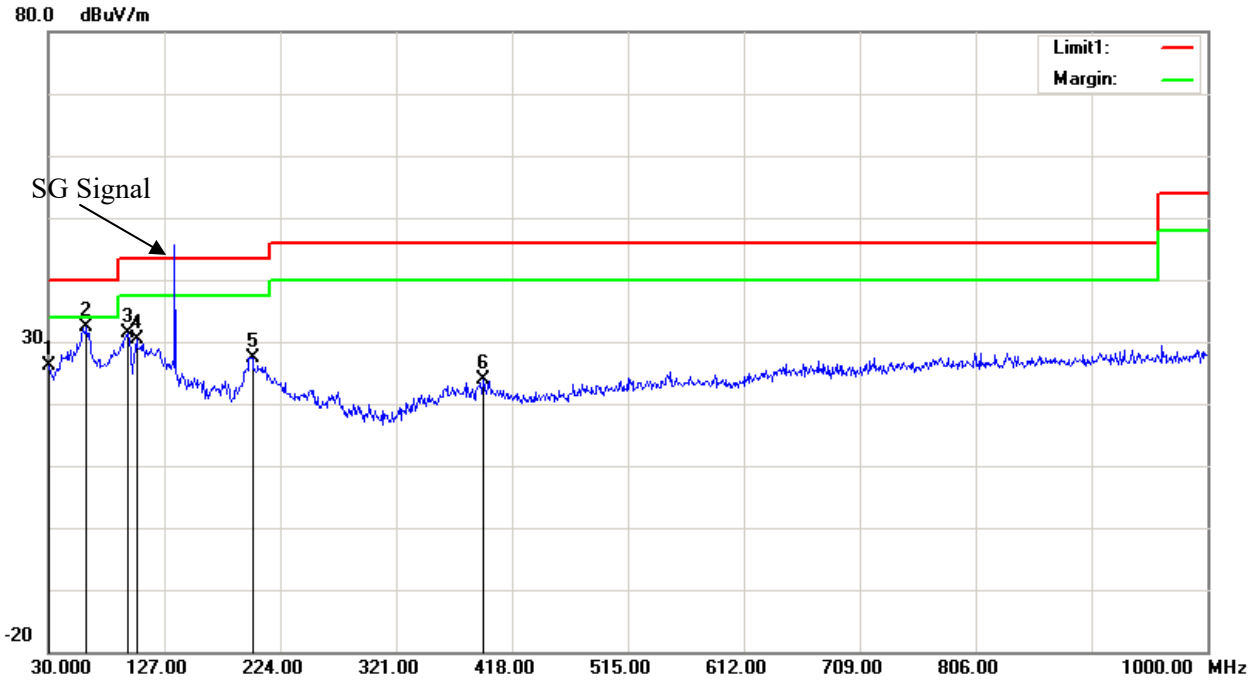

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 30.30 | peak | -3.80 | 26.50 | 40.00 | 13.50 |
| 2 | 59.1000 | 48.92 | peak | -16.63 | 32.29 | 40.00 | 7.71 |
| 3 | 96.9300 | 45.82 | peak | -15.01 | 30.81 | 43.50 | 12.69 |
| 4 | 117.3000 | 39.50 | peak | -10.33 | 29.17 | 43.50 | 14.33 |
| 5 | 198.7800 | 39.32 | peak | -11.60 | 27.72 | 43.50 | 15.78 |
| 6 | 399.5700 | 30.93 | peak | -6.98 | 23.95 | 46.00 | 22.05 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:136.0125MHz |



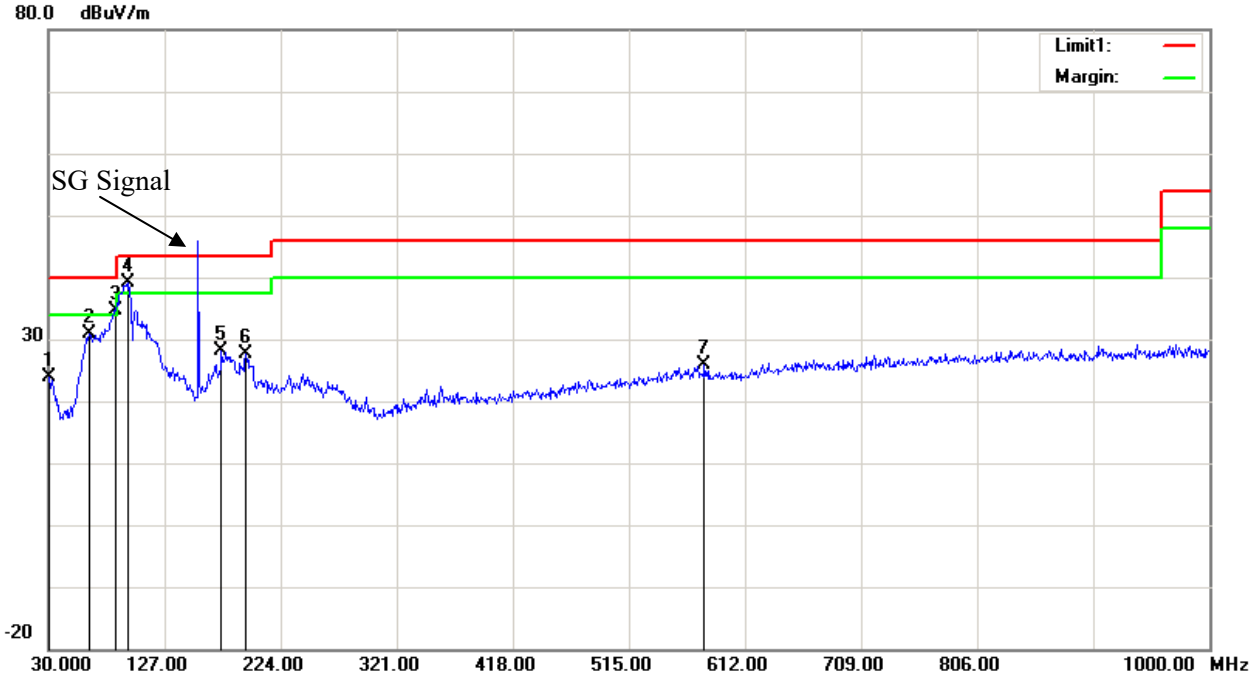

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 28.13 | peak | -3.80 | 24.33 | 40.00 | 15.67 |
| 2 | 63.9500 | 47.64 | peak | -16.54 | 31.10 | 40.00 | 8.90 |
| 3 | 86.2600 | 51.42 | QP | -16.62 | 34.80 | 40.00 | 5.20 |
| 4 | 94.0200 | 54.54 | QP | -15.64 | 38.90 | 43.50 | 4.60 |
| 5 | 177.4400 | 40.52 | peak | -12.21 | 28.31 | 43.50 | 15.19 |
| 6 | 195.8700 | 38.60 | peak | -11.78 | 26.82 | 43.50 | 16.68 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:136.0125MHz |



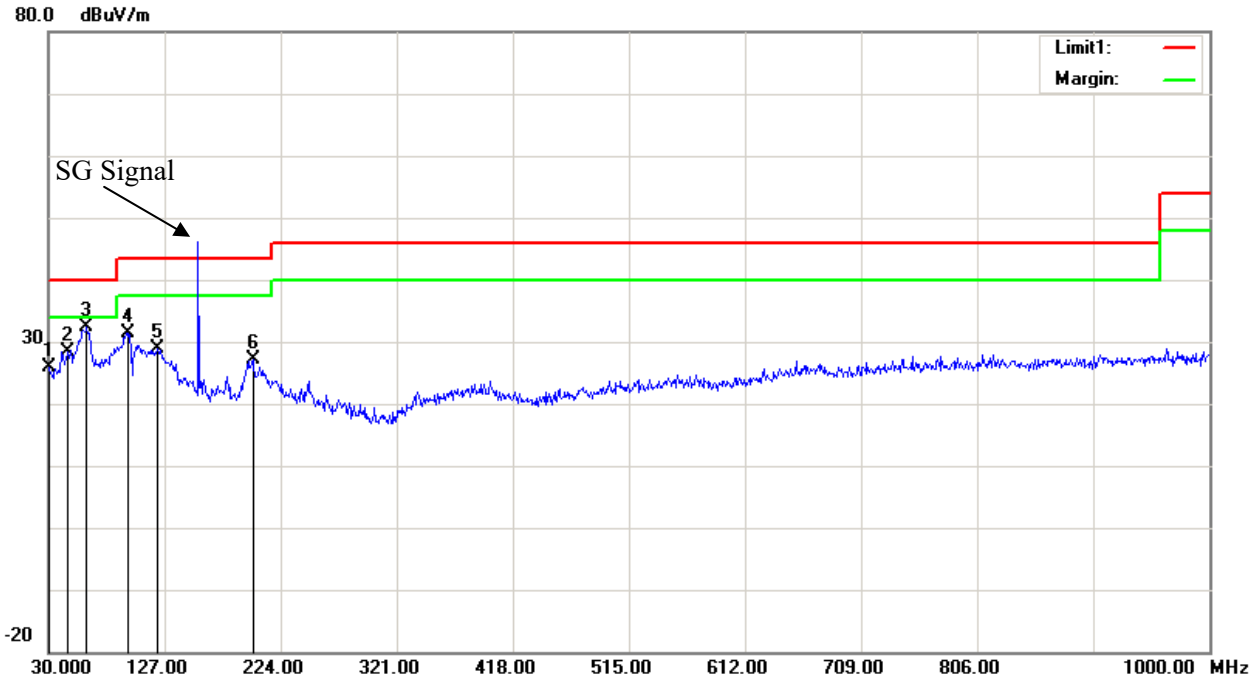

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 29.82 | peak | -3.80 | 26.02 | 40.00 | 13.98 |
| 2 | 62.0100 | 49.09 | peak | -16.60 | 32.49 | 40.00 | 7.51 |
| 3 | 95.9600 | 46.52 | peak | -15.22 | 31.30 | 43.50 | 12.20 |
| 4 | 103.7200 | 43.68 | peak | -13.27 | 30.41 | 43.50 | 13.09 |
| 5 | 200.7200 | 39.09 | peak | -11.60 | 27.49 | 43.50 | 16.01 |
| 6 | 393.7500 | 31.04 | peak | -7.14 | 23.90 | 46.00 | 22.10 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:155MHz |



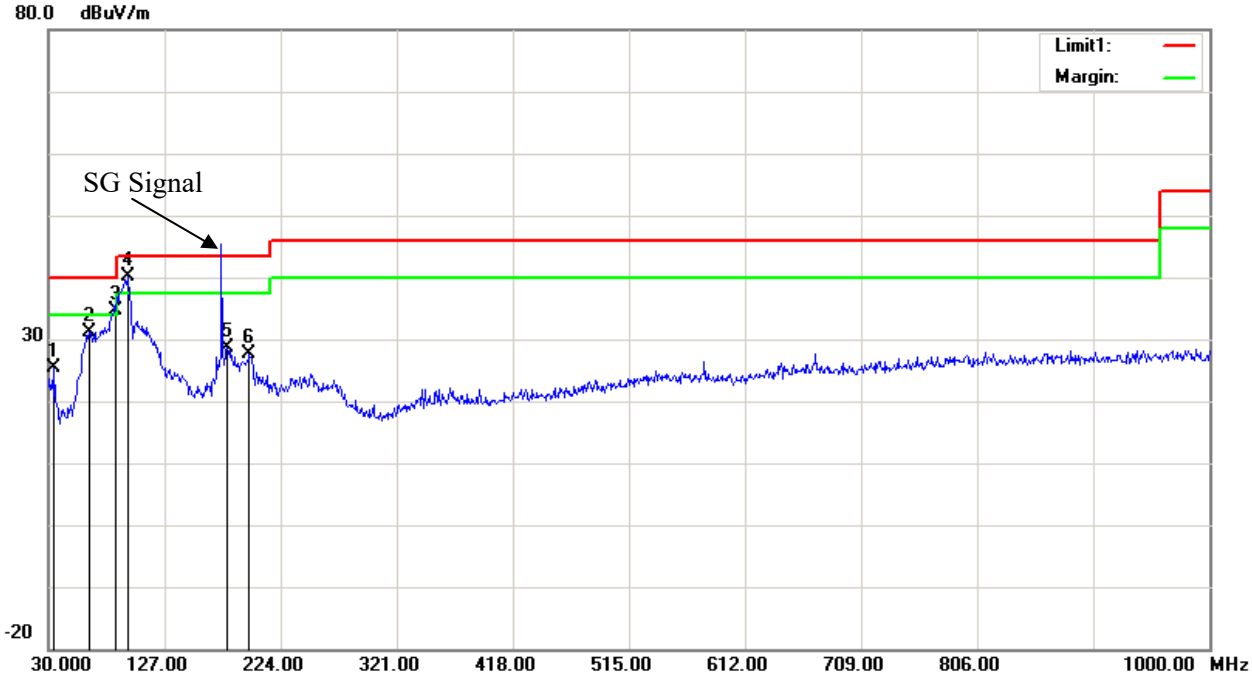

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 28.37 | peak | -4.50 | 23.87 | 40.00 | 16.13 |
| 2 | 63.9500 | 47.54 | peak | -16.54 | 31.00 | 40.00 | 9.00 |
| 3 | 86.2600 | 51.32 | QP | -16.62 | 34.70 | 40.00 | 5.30 |
| 4 | 95.9600 | 54.42 | QP | -15.22 | 39.20 | 43.50 | 4.30 |
| 5 | 174.5300 | 40.10 | peak | -12.04 | 28.06 | 43.50 | 15.44 |
| 6 | 194.9000 | 39.36 | peak | -11.82 | 27.54 | 43.50 | 15.96 |
| 7 | 578.0500 | 29.10 | peak | -3.14 | 25.96 | 46.00 | 20.04 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:155MHz |



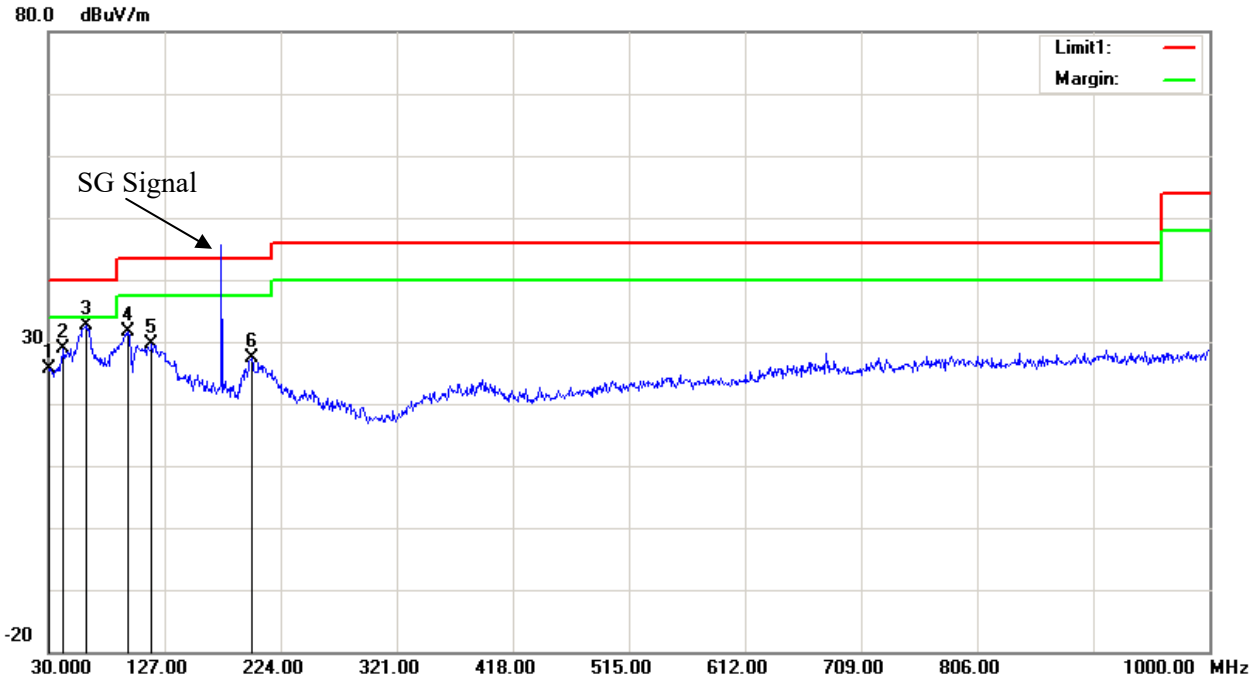

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 29.60 | peak | -3.80 | 25.80 | 40.00 | 14.20 |
| 2 | 46.4900 | 42.92 | peak | -14.49 | 28.43 | 40.00 | 11.57 |
| 3 | 62.0100 | 49.03 | peak | -16.60 | 32.43 | 40.00 | 7.57 |
| 4 | 95.9600 | 46.70 | peak | -15.22 | 31.48 | 43.50 | 12.02 |
| 5 | 121.1800 | 38.71 | peak | -9.94 | 28.77 | 43.50 | 14.73 |
| 6 | 200.7200 | 38.71 | peak | -11.60 | 27.11 | 43.50 | 16.39 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:173.9875MHz |



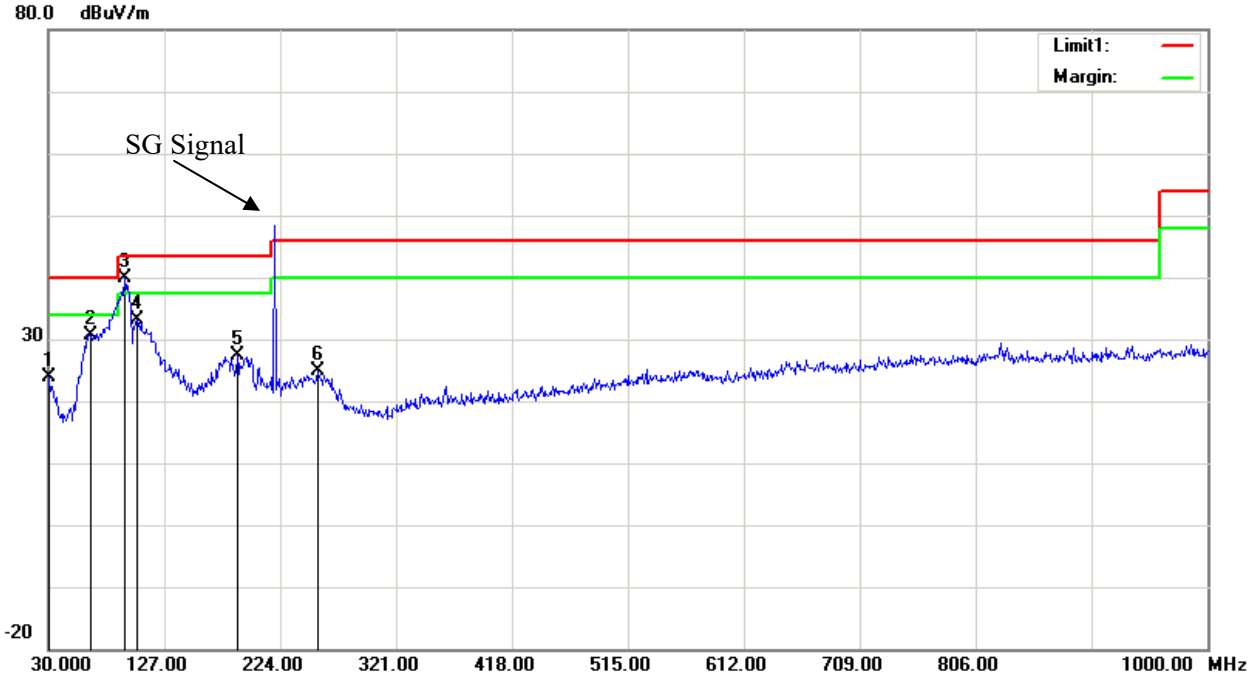

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 34.8500 | 32.68 | peak | -7.33 | 25.35 | 40.00 | 14.65 |
| 2 | 63.9500 | 47.78 | peak | -16.54 | 31.24 | 40.00 | 8.76 |
| 3 | 86.2600 | 51.22 | QP | -16.62 | 34.60 | 40.00 | 5.40 |
| 4 | 95.9600 | 55.32 | QP | -15.22 | 40.10 | 43.50 | 3.40 |
| 5 | 179.3800 | 40.92 | peak | -12.32 | 28.60 | 43.50 | 14.90 |
| 6 | 197.8100 | 39.32 | peak | -11.66 | 27.66 | 43.50 | 15.84 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:173.9875MHz |



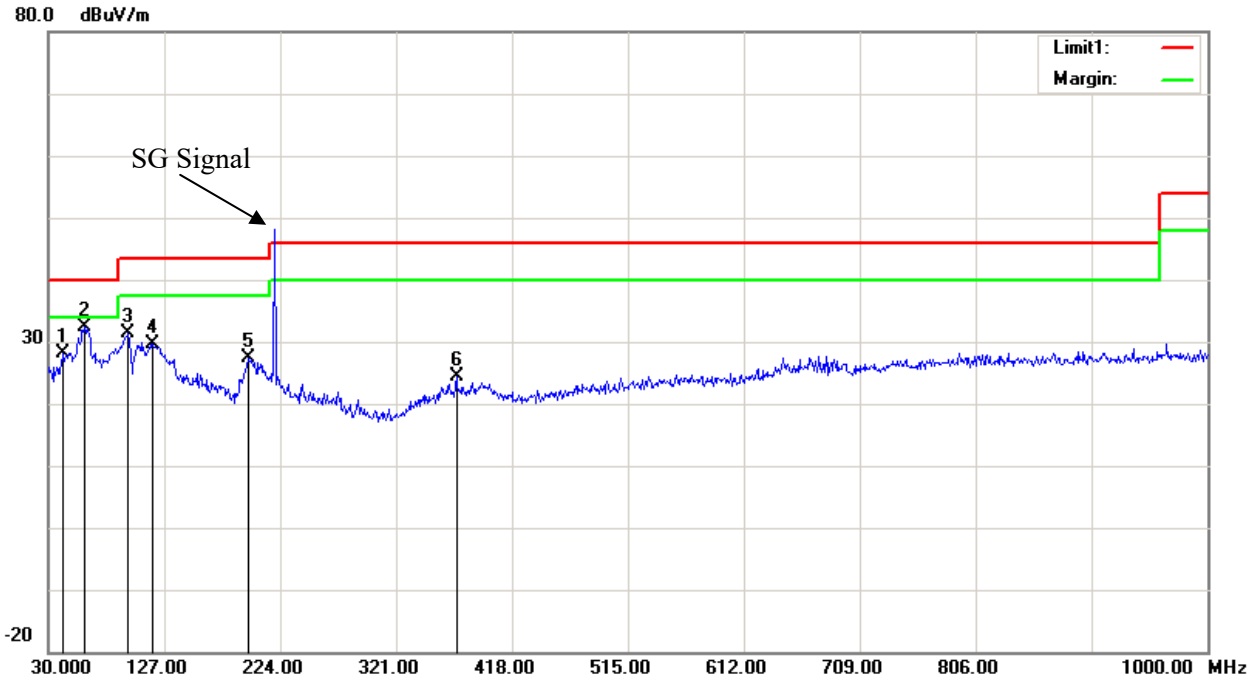

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 29.53 | peak | -3.80 | 25.73 | 40.00 | 14.27 |
| 2 | 42.6100 | 41.19 | peak | -12.35 | 28.84 | 40.00 | 11.16 |
| 3 | 62.0100 | 49.22 | peak | -16.60 | 32.62 | 40.00 | 7.38 |
| 4 | 95.9600 | 46.94 | peak | -15.22 | 31.72 | 43.50 | 11.78 |
| 5 | 116.3300 | 40.14 | peak | -10.46 | 29.68 | 43.50 | 13.82 |
| 6 | 199.7500 | 38.99 | peak | -11.54 | 27.45 | 43.50 | 16.05 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:220.0125MHz |



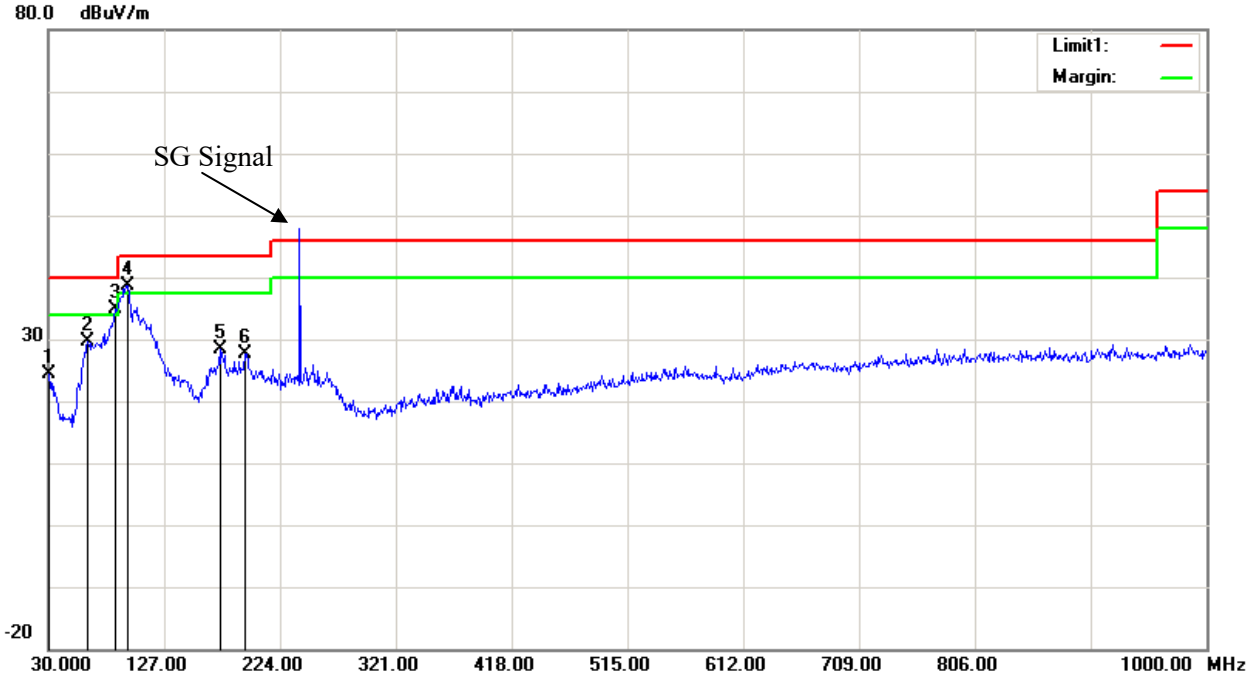

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.65 | peak | -3.80 | 23.85 | 40.00 | 16.15 |
| 2 | 64.9200 | 47.19 | peak | -16.50 | 30.69 | 40.00 | 9.31 |
| 3 | 94.0200 | 55.54 | QP | -15.64 | 39.90 | 43.50 | 3.60 |
| 4 | 104.6900 | 45.98 | peak | -12.97 | 33.01 | 43.50 | 10.49 |
| 5 | 188.1100 | 39.65 | peak | -12.17 | 27.48 | 43.50 | 16.02 |
| 6 | 255.0400 | 36.25 | peak | -11.27 | 24.98 | 46.00 | 21.02 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:220.0125MHz |



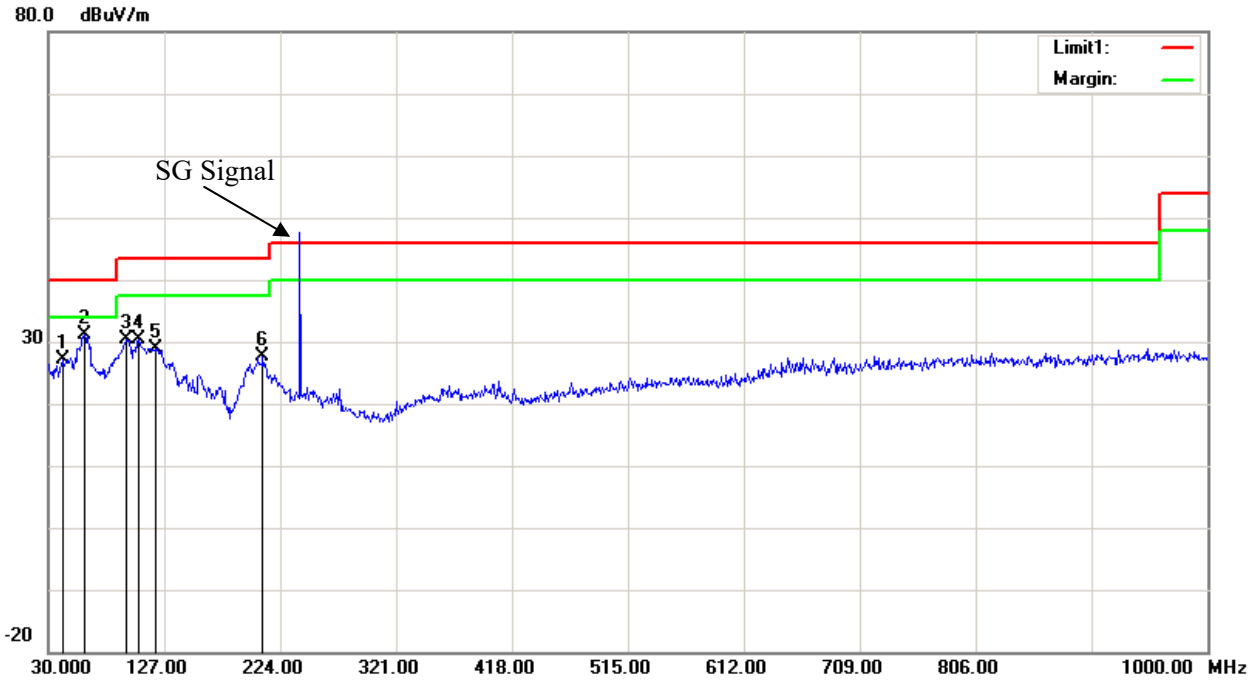

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 42.6100 | 40.58 | peak | -12.35 | 28.23 | 40.00 | 11.77 |
| 2 | 60.0700 | 49.12 | peak | -16.66 | 32.46 | 40.00 | 7.54 |
| 3 | 96.9300 | 46.44 | peak | -15.01 | 31.43 | 43.50 | 12.07 |
| 4 | 117.3000 | 39.89 | peak | -10.33 | 29.56 | 43.50 | 13.94 |
| 5 | 196.8400 | 39.10 | peak | -11.72 | 27.38 | 43.50 | 16.12 |
| 6 | 371.4400 | 32.24 | peak | -7.94 | 24.30 | 46.00 | 21.70 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:240MHz |



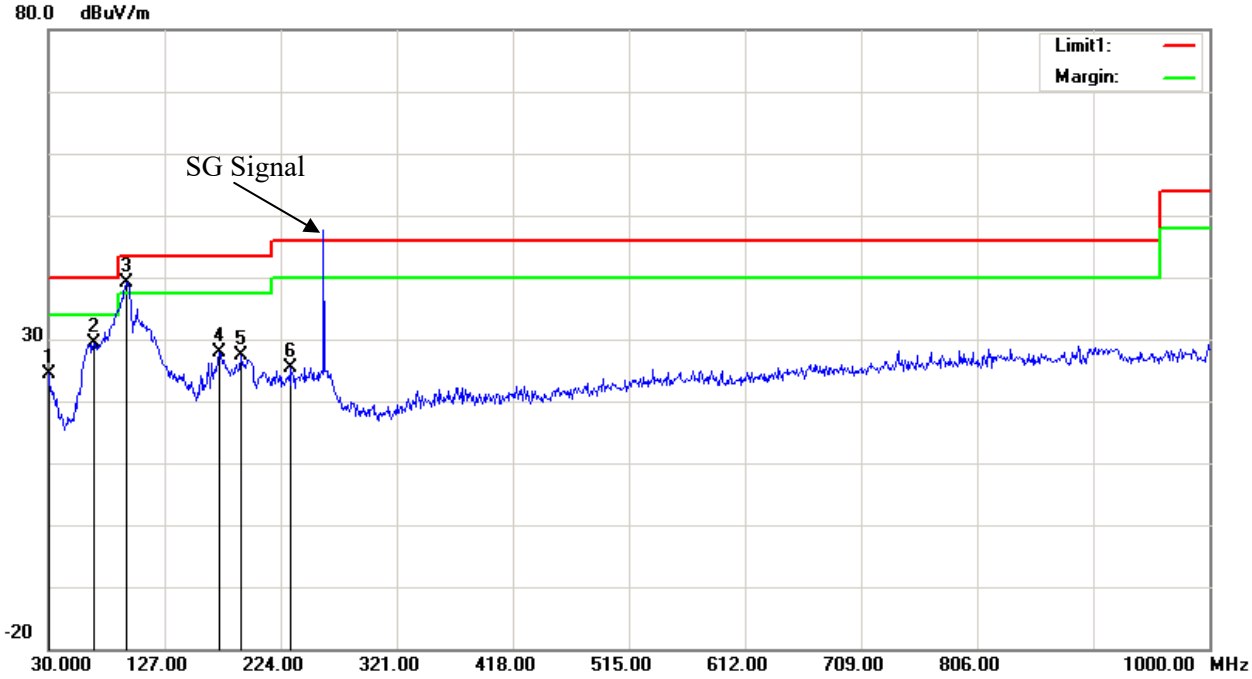

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 28.79 | peak | -4.50 | 24.29 | 40.00 | 15.71 |
| 2 | 62.9800 | 46.14 | peak | -16.56 | 29.58 | 40.00 | 10.42 |
| 3 | 86.2600 | 51.42 | QP | -16.62 | 34.80 | 40.00 | 5.20 |
| 4 | 96.9300 | 53.71 | QP | -15.01 | 38.70 | 43.50 | 4.80 |
| 5 | 173.5600 | 40.39 | peak | -11.98 | 28.41 | 43.50 | 15.09 |
| 6 | 194.9000 | 39.42 | peak | -11.82 | 27.60 | 43.50 | 15.90 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:240MHz |



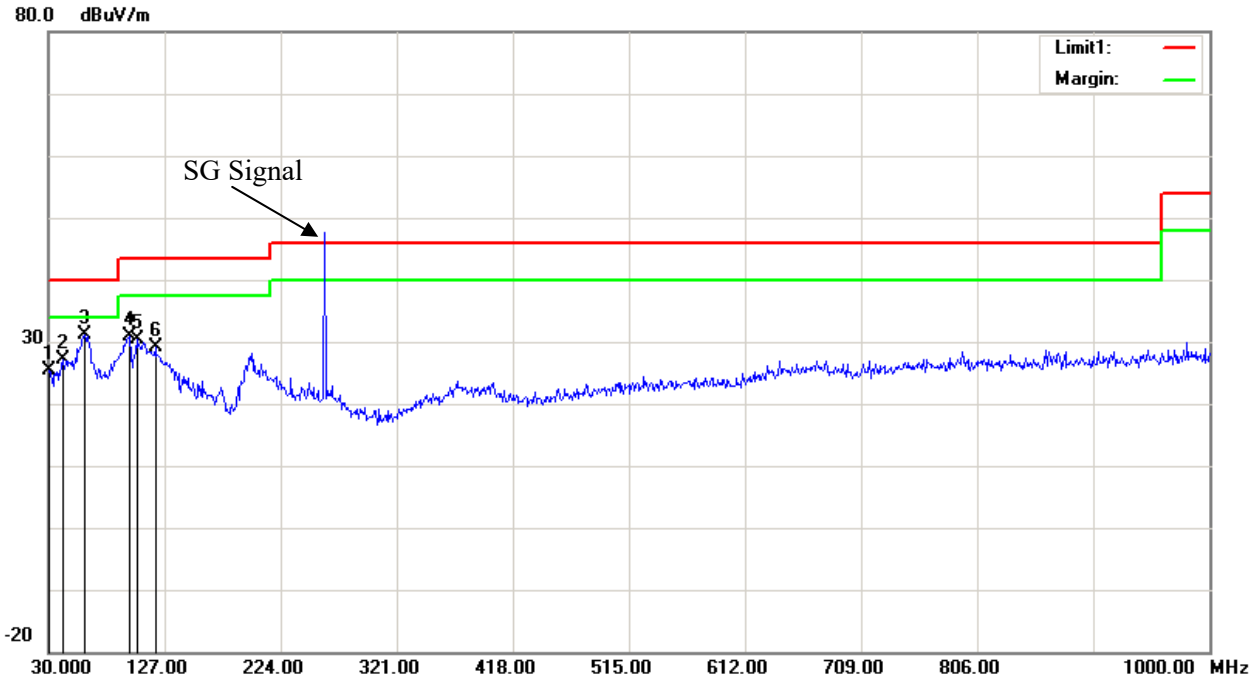

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 42.6100 | 39.50 | peak | -12.35 | 27.15 | 40.00 | 12.85 |
| 2 | 60.0700 | 47.86 | peak | -16.66 | 31.20 | 40.00 | 8.80 |
| 3 | 94.9900 | 45.83 | peak | -15.41 | 30.42 | 43.50 | 13.08 |
| 4 | 105.6600 | 43.07 | peak | -12.68 | 30.39 | 43.50 | 13.11 |
| 5 | 119.2400 | 38.81 | peak | -10.05 | 28.76 | 43.50 | 14.74 |
| 6 | 209.4500 | 40.06 | peak | -12.50 | 27.56 | 43.50 | 15.94 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:259.9875MHz |



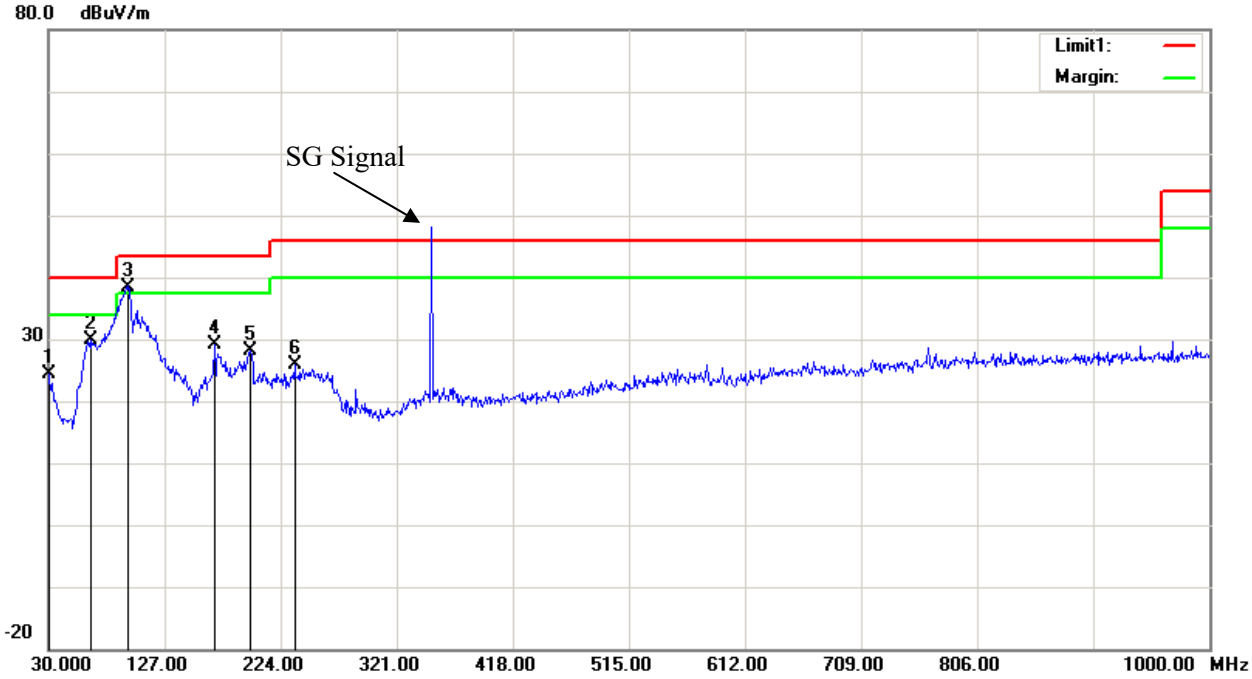

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 28.27 | peak | -3.80 | 24.47 | 40.00 | 15.53 |
| 2 | 67.8300 | 45.69 | peak | -16.38 | 29.31 | 40.00 | 10.69 |
| 3 | 94.9900 | 54.51 | QP | -15.41 | 39.10 | 43.50 | 4.40 |
| 4 | 172.5900 | 39.81 | peak | -11.94 | 27.87 | 43.50 | 15.63 |
| 5 | 191.0200 | 39.42 | peak | -12.06 | 27.36 | 43.50 | 16.14 |
| 6 | 232.7300 | 37.53 | peak | -12.09 | 25.44 | 46.00 | 20.56 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:259.9875MHz |



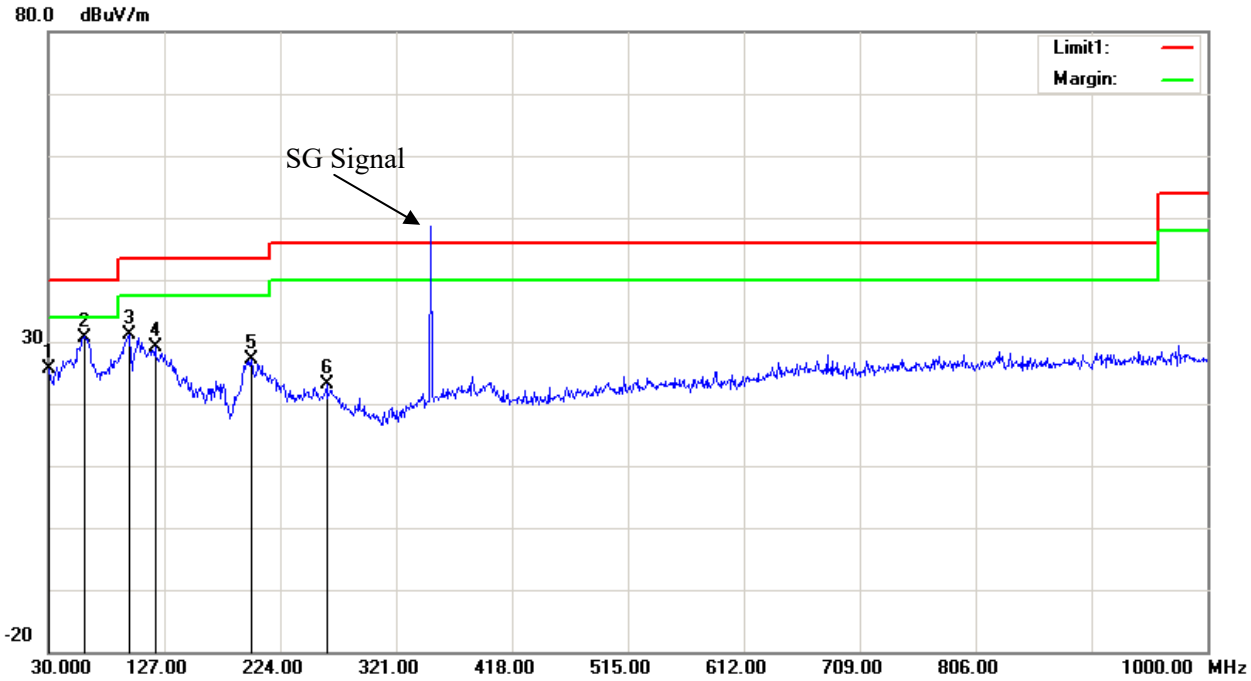

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 29.09 | peak | -3.80 | 25.29 | 40.00 | 14.71 |
| 2 | 41.6400 | 38.84 | peak | -11.82 | 27.02 | 40.00 | 12.98 |
| 3 | 60.0700 | 47.68 | peak | -16.66 | 31.02 | 40.00 | 8.98 |
| 4 | 97.9000 | 45.76 | peak | -14.83 | 30.93 | 43.50 | 12.57 |
| 5 | 103.7200 | 43.54 | peak | -13.27 | 30.27 | 43.50 | 13.23 |
| 6 | 119.2400 | 39.16 | peak | -10.05 | 29.11 | 43.50 | 14.39 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:350.0125MHz |



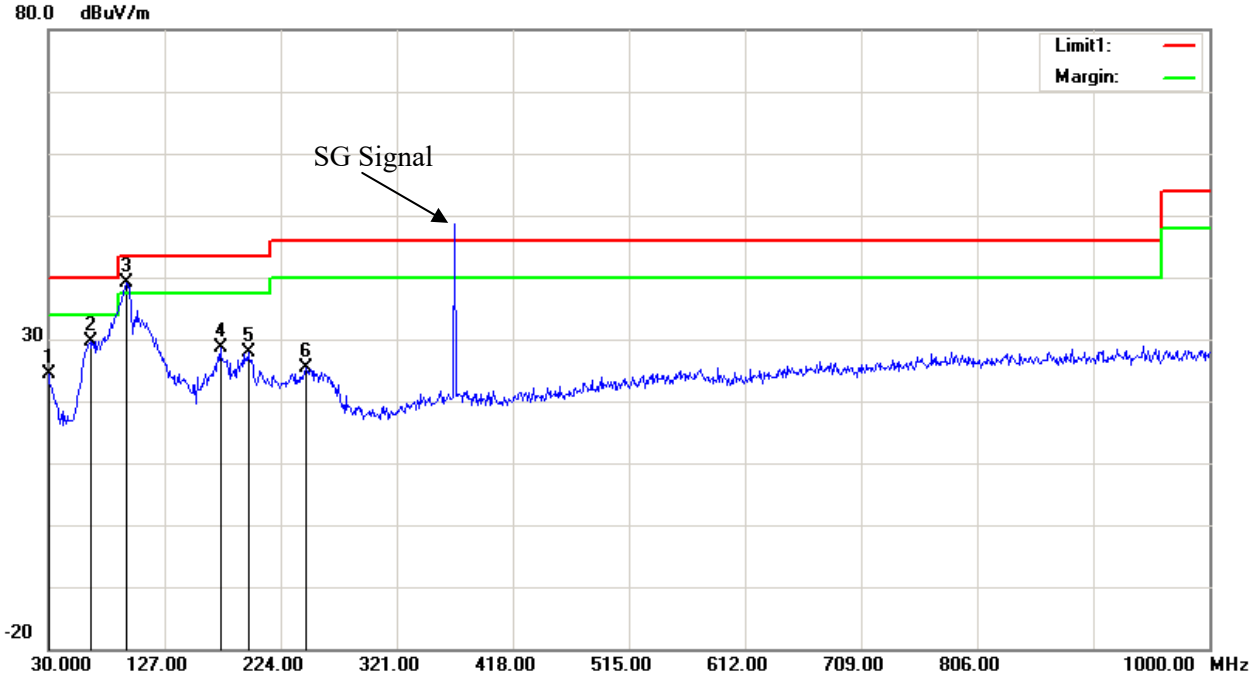

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 28.25 | peak | -3.80 | 24.45 | 40.00 | 15.55 |
| 2 | 64.9200 | 46.39 | peak | -16.50 | 29.89 | 40.00 | 10.11 |
| 3 | 95.9600 | 53.72 | QP | -15.22 | 38.50 | 43.50 | 5.00 |
| 4 | 168.7100 | 40.86 | peak | -11.70 | 29.16 | 43.50 | 14.34 |
| 5 | 198.7800 | 39.73 | peak | -11.60 | 28.13 | 43.50 | 15.37 |
| 6 | 235.6400 | 37.80 | peak | -11.96 | 25.84 | 46.00 | 20.16 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:350.0125MHz |



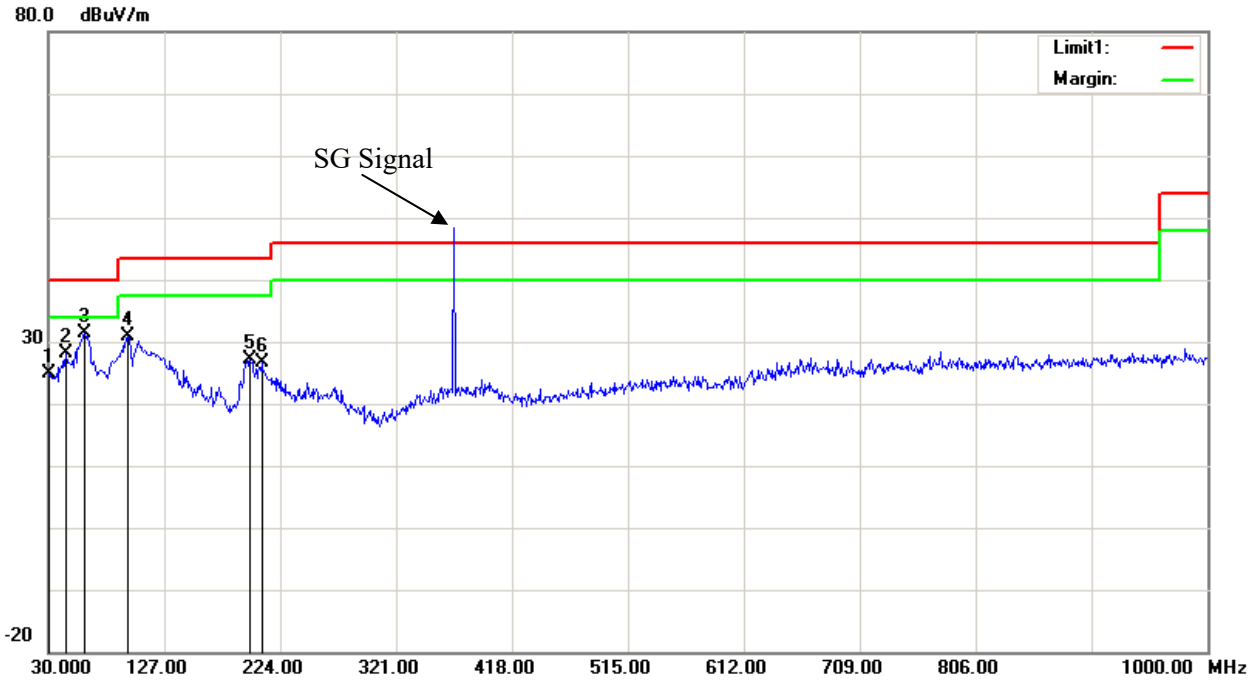

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 30.03 | peak | -4.50 | 25.53 | 40.00 | 14.47 |
| 2 | 60.0700 | 47.41 | peak | -16.66 | 30.75 | 40.00 | 9.25 |
| 3 | 97.9000 | 45.91 | peak | -14.83 | 31.08 | 43.50 | 12.42 |
| 4 | 119.2400 | 39.24 | peak | -10.05 | 29.19 | 43.50 | 14.31 |
| 5 | 199.7500 | 38.69 | peak | -11.54 | 27.15 | 43.50 | 16.35 |
| 6 | 262.8000 | 33.95 | peak | -10.83 | 23.12 | 46.00 | 22.88 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:370MHz |



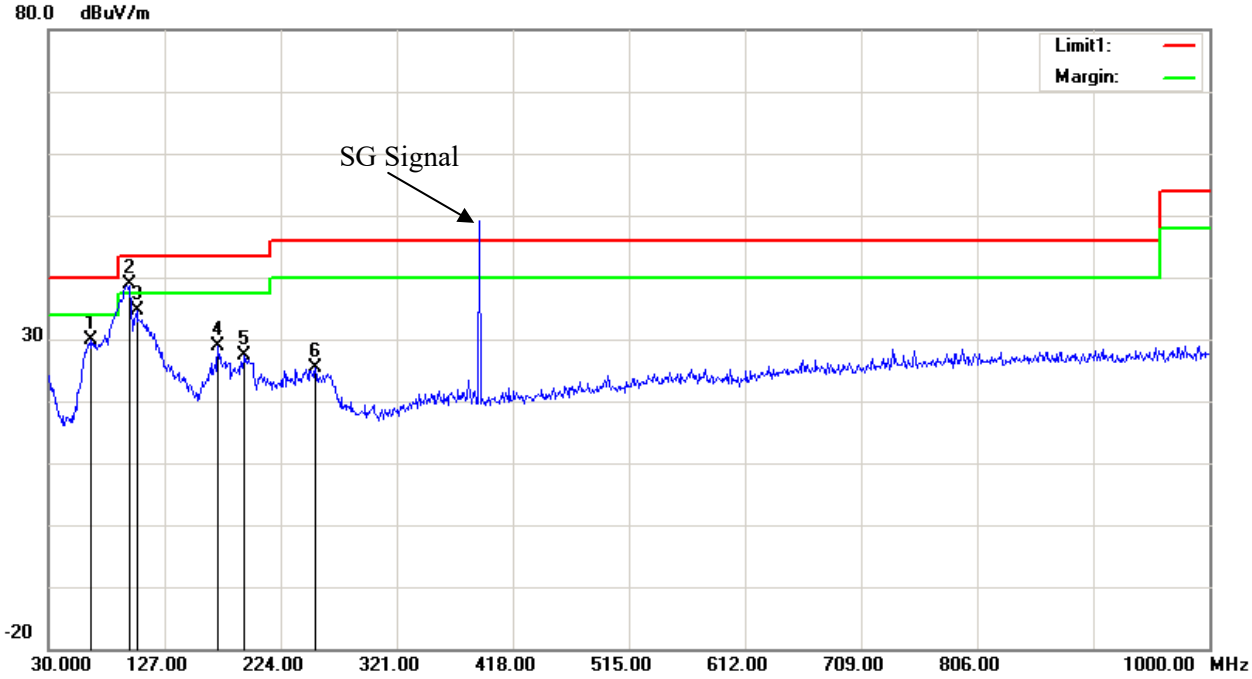

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 28.18 | peak | -3.80 | 24.38 | 40.00 | 15.62 |
| 2 | 64.9200 | 46.01 | peak | -16.50 | 29.51 | 40.00 | 10.49 |
| 3 | 94.9900 | 54.61 | QP | -15.41 | 39.20 | 43.50 | 4.30 |
| 4 | 173.5600 | 40.59 | peak | -11.98 | 28.61 | 43.50 | 14.89 |
| 5 | 196.8400 | 39.64 | peak | -11.72 | 27.92 | 43.50 | 15.58 |
| 6 | 245.3400 | 36.91 | peak | -11.57 | 25.34 | 46.00 | 20.66 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:370MHz |



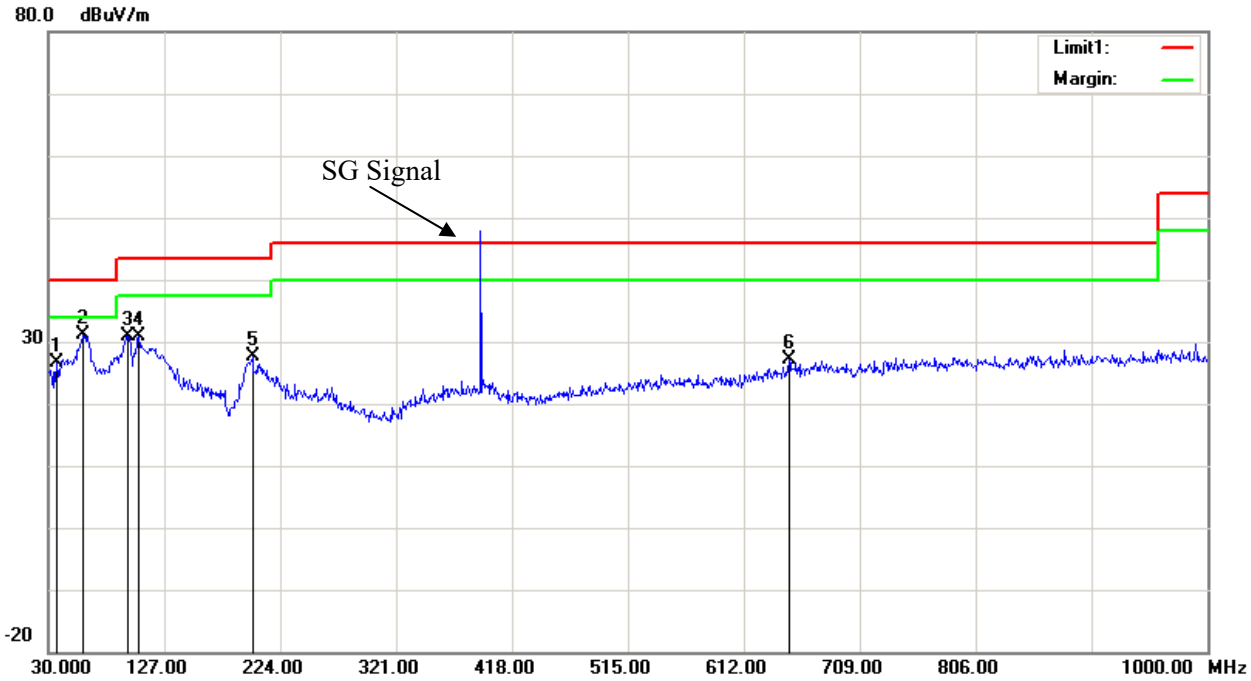

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 28.74 | peak | -3.80 | 24.94 | 40.00 | 15.06 |
| 2 | 44.5500 | 41.47 | peak | -13.41 | 28.06 | 40.00 | 11.94 |
| 3 | 60.0700 | 48.13 | peak | -16.66 | 31.47 | 40.00 | 8.53 |
| 4 | 96.9300 | 45.86 | peak | -15.01 | 30.85 | 43.50 | 12.65 |
| 5 | 198.7800 | 38.66 | peak | -11.60 | 27.06 | 43.50 | 16.44 |
| 6 | 208.4800 | 38.92 | peak | -12.40 | 26.52 | 43.50 | 16.98 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:389.9875MHz |



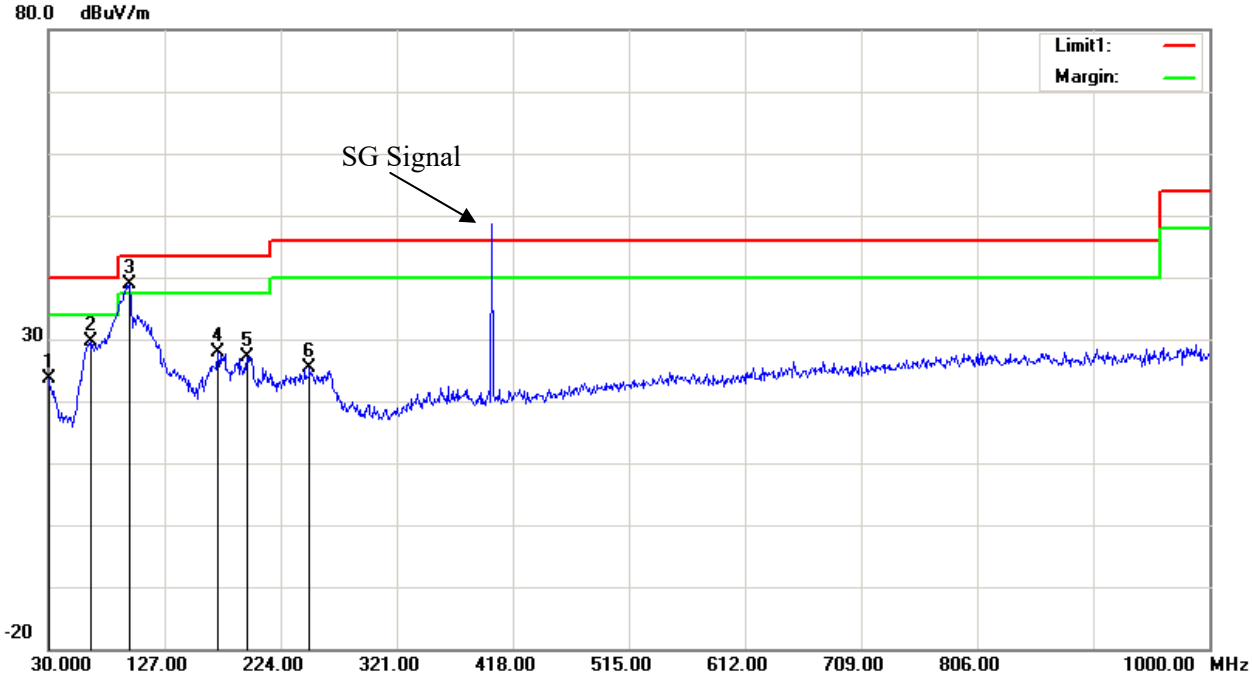

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 64.9200 | 46.42 | peak | -16.50 | 29.92 | 40.00 | 10.08 |
| 2 | 97.9000 | 53.73 | QP | -14.83 | 38.90 | 43.50 | 4.60 |
| 3 | 103.7200 | 47.87 | peak | -13.27 | 34.60 | 43.50 | 8.90 |
| 4 | 171.6200 | 40.73 | peak | -11.87 | 28.86 | 43.50 | 14.64 |
| 5 | 193.9300 | 39.20 | peak | -11.88 | 27.32 | 43.50 | 16.18 |
| 6 | 253.1000 | 36.61 | peak | -11.34 | 25.27 | 46.00 | 20.73 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:389.9875MHz |



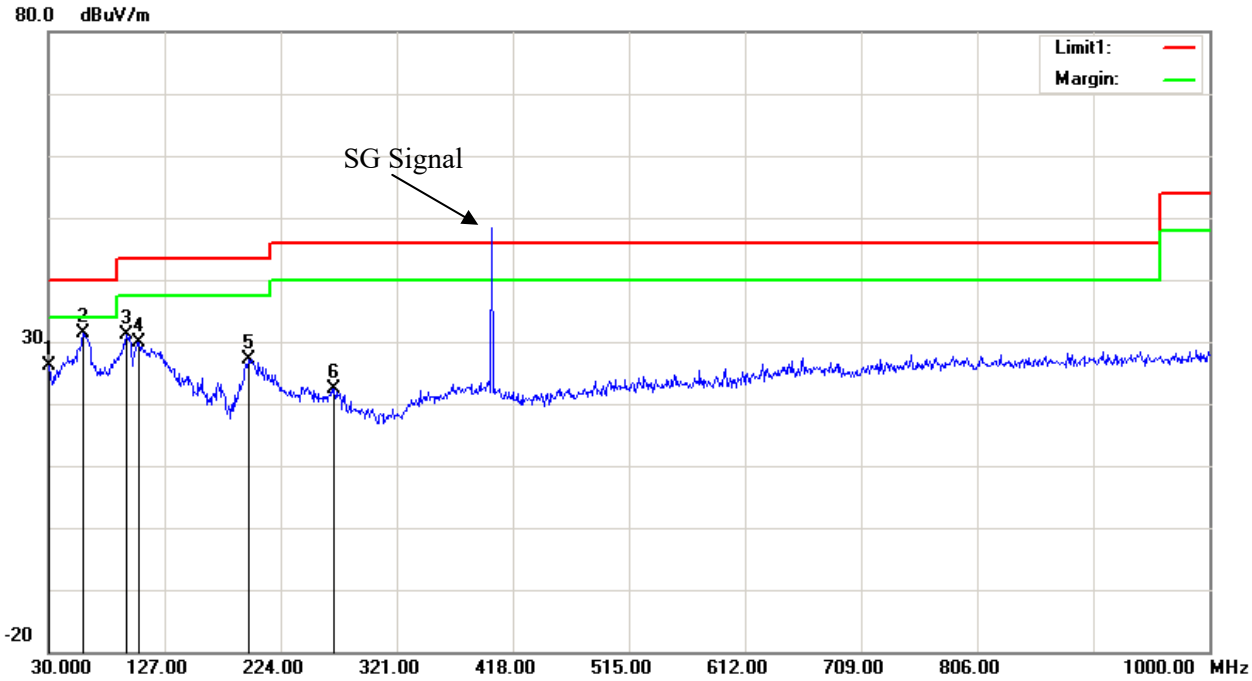

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 36.7900 | 35.26 | peak | -8.69 | 26.57 | 40.00 | 13.43 |
| 2 | 59.1000 | 47.66 | peak | -16.63 | 31.03 | 40.00 | 8.97 |
| 3 | 96.9300 | 45.92 | peak | -15.01 | 30.91 | 43.50 | 12.59 |
| 4 | 105.6600 | 43.56 | peak | -12.68 | 30.88 | 43.50 | 12.62 |
| 5 | 200.7200 | 39.30 | peak | -11.60 | 27.70 | 43.50 | 15.80 |
| 6 | 649.8300 | 28.98 | peak | -1.87 | 27.11 | 46.00 | 18.89 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:400.0125MHz |



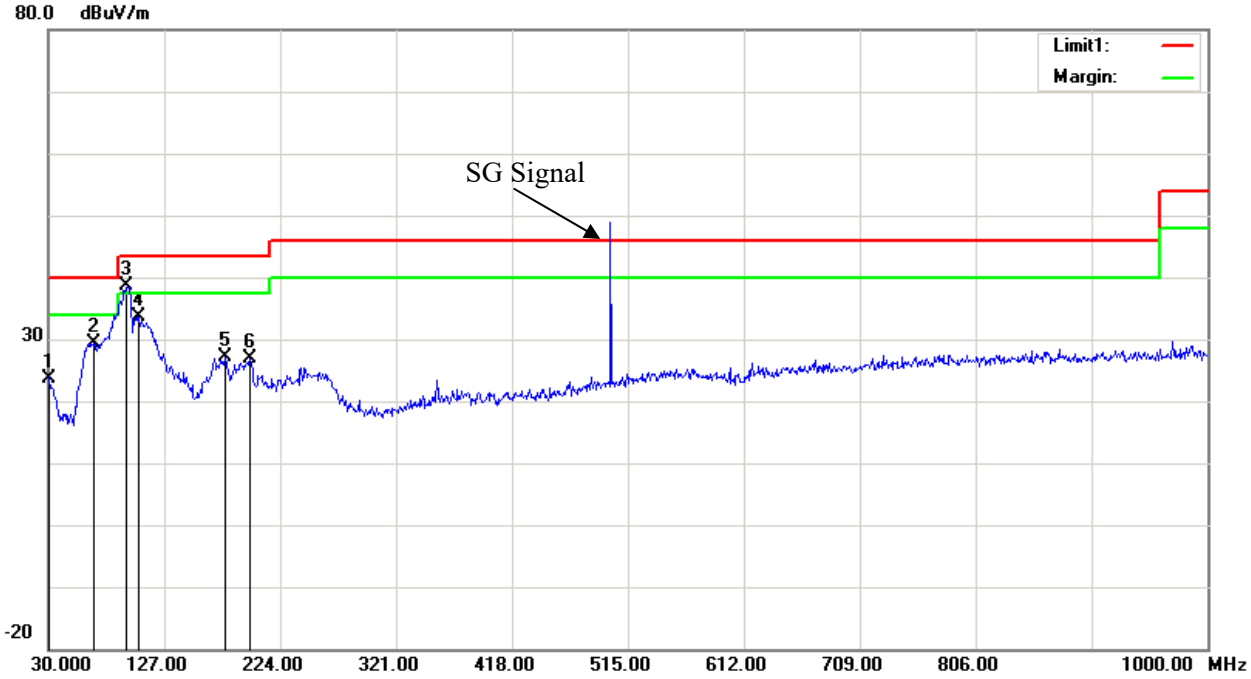

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.37 | peak | -3.80 | 23.57 | 40.00 | 16.43 |
| 2 | 64.9200 | 46.11 | peak | -16.50 | 29.61 | 40.00 | 10.39 |
| 3 | 97.9000 | 53.63 | QP | -14.83 | 38.80 | 43.50 | 4.70 |
| 4 | 171.6200 | 39.76 | peak | -11.87 | 27.89 | 43.50 | 15.61 |
| 5 | 195.8700 | 38.95 | peak | -11.78 | 27.17 | 43.50 | 16.33 |
| 6 | 248.2500 | 36.77 | peak | -11.50 | 25.27 | 46.00 | 20.73 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:400.0125MHz |



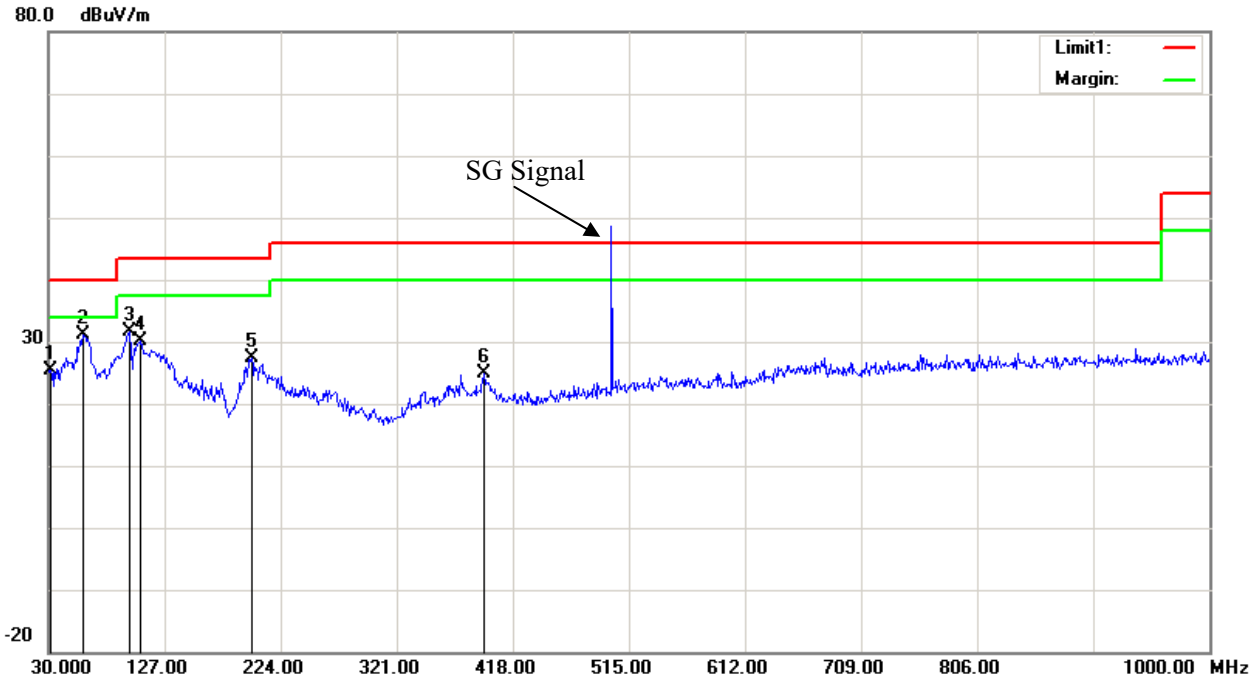

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 29.95 | peak | -3.80 | 26.15 | 40.00 | 13.85 |
| 2 | 59.1000 | 47.95 | peak | -16.63 | 31.32 | 40.00 | 8.68 |
| 3 | 94.9900 | 46.43 | peak | -15.41 | 31.02 | 43.50 | 12.48 |
| 4 | 105.6600 | 42.62 | peak | -12.68 | 29.94 | 43.50 | 13.56 |
| 5 | 197.8100 | 38.91 | peak | -11.66 | 27.25 | 43.50 | 16.25 |
| 6 | 268.6200 | 32.52 | peak | -10.22 | 22.30 | 46.00 | 23.70 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:500MHz |



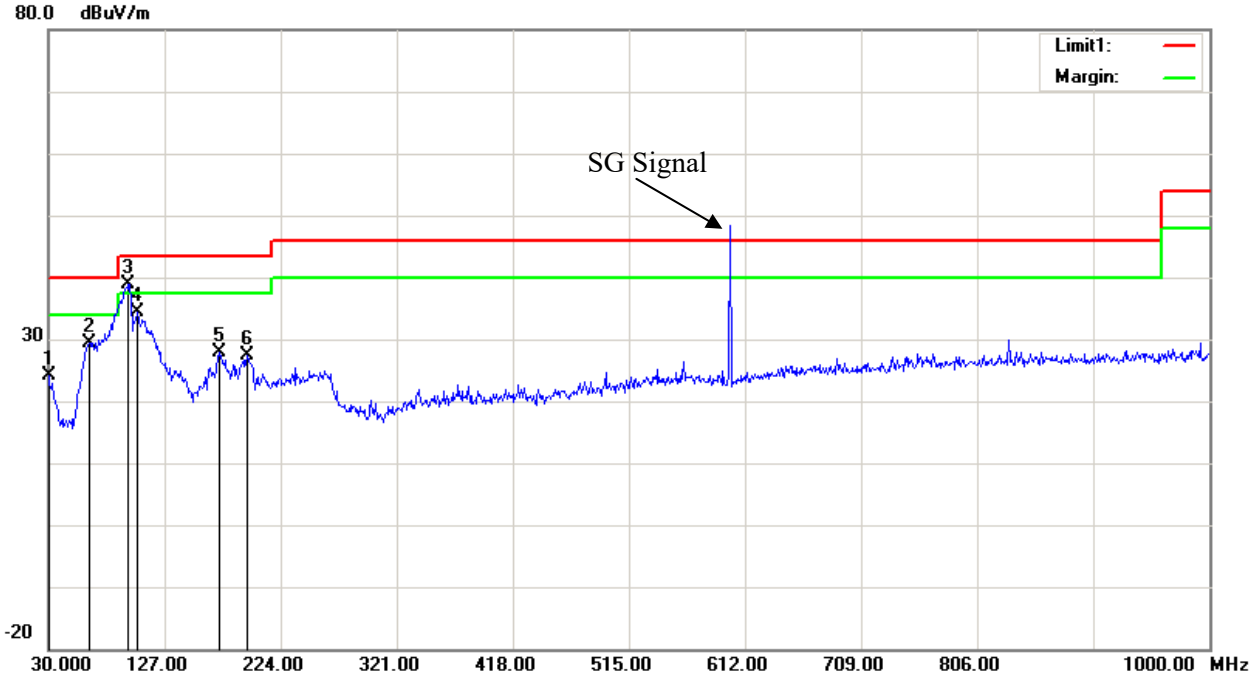

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.55 | peak | -3.80 | 23.75 | 40.00 | 16.25 |
| 2 | 67.8300 | 45.74 | peak | -16.38 | 29.36 | 40.00 | 10.64 |
| 3 | 94.9900 | 54.01 | QP | -15.41 | 38.60 | 43.50 | 4.90 |
| 4 | 105.6600 | 46.42 | peak | -12.68 | 33.74 | 43.50 | 9.76 |
| 5 | 178.4100 | 39.41 | peak | -12.27 | 27.14 | 43.50 | 16.36 |
| 6 | 198.7800 | 38.49 | peak | -11.60 | 26.89 | 43.50 | 16.61 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:500MHz |



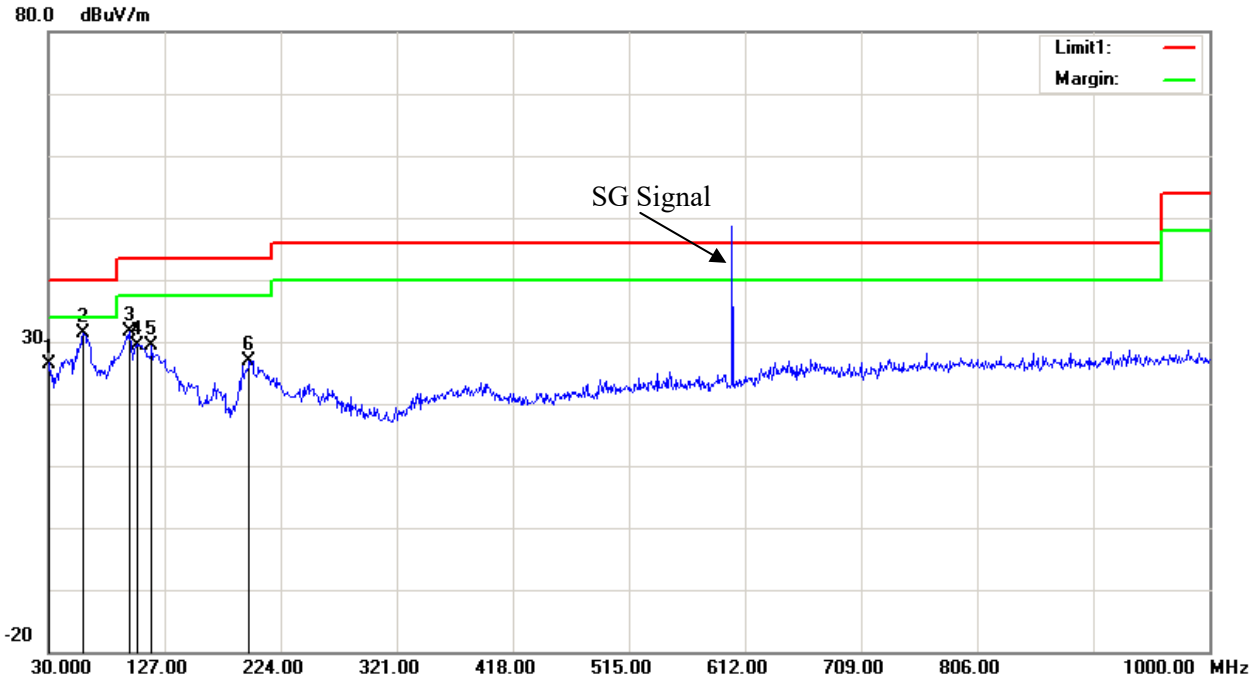

| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 31.9400 | 30.62 | peak | -5.21 | 25.41 | 40.00 | 14.59 |
| 2 | 59.1000 | 47.78 | peak | -16.63 | 31.15 | 40.00 | 8.85 |
| 3 | 97.9000 | 46.35 | peak | -14.83 | 31.52 | 43.50 | 11.98 |
| 4 | 106.6300 | 42.56 | peak | -12.39 | 30.17 | 43.50 | 13.33 |
| 5 | 199.7500 | 38.81 | peak | -11.54 | 27.27 | 43.50 | 16.23 |
| 6 | 393.7500 | 32.05 | peak | -7.14 | 24.91 | 46.00 | 21.09 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Horizontal |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:599.9875MHz |




| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.0000 | 27.90 | peak | -3.80 | 24.10 | 40.00 | 15.90 |
| 2 | 63.9500 | 46.02 | peak | -16.54 | 29.48 | 40.00 | 10.52 |
| 3 | 96.9300 | 53.81 | QP | -15.01 | 38.80 | 43.50 | 4.70 |
| 4 | 104.6900 | 47.29 | peak | -12.97 | 34.32 | 43.50 | 9.18 |
| 5 | 172.5900 | 39.76 | peak | -11.94 | 27.82 | 43.50 | 15.68 |
| 6 | 195.8700 | 39.13 | peak | -11.78 | 27.35 | 43.50 | 16.15 |

| | |
|---|---|
| Project No: | 2402U68779E-RF |
| Test Engineer: | Zoo Zou |
| Test Date: | 2024-7-13 |
| Polarization: | Vertical |
| Test Mode: | M2 |
| Power Source: | AC 120V/60Hz |
| Note: | Battery 1#, Receiving frequency:599.9875MHz |

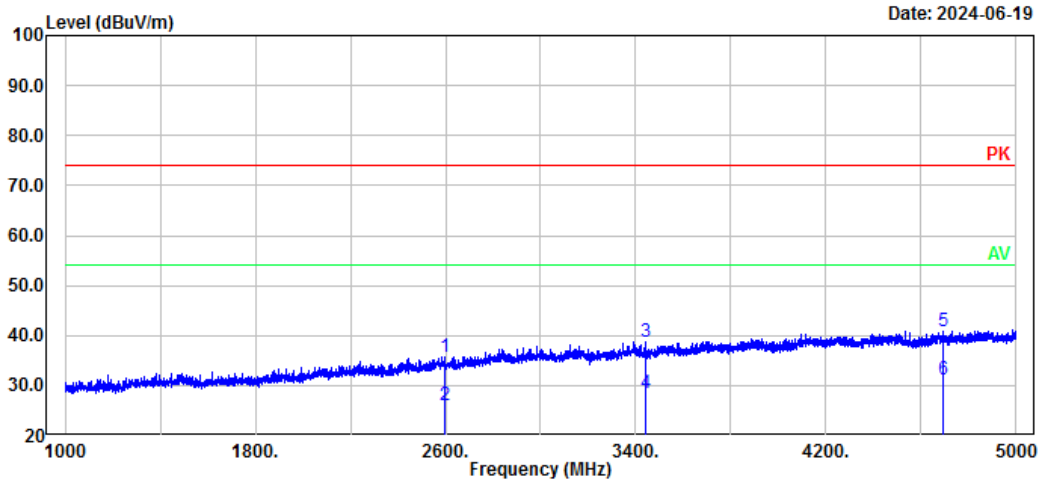



| No. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 30.9700 | 31.00 | peak | -4.50 | 26.50 | 40.00 | 13.50 |
| 2 | 59.1000 | 47.89 | peak | -16.63 | 31.26 | 40.00 | 8.74 |
| 3 | 97.9000 | 46.36 | peak | -14.83 | 31.53 | 43.50 | 11.97 |
| 4 | 104.6900 | 42.47 | peak | -12.97 | 29.50 | 43.50 | 14.00 |
| 5 | 116.3300 | 39.80 | peak | -10.46 | 29.34 | 43.50 | 14.16 |
| 6 | 197.8100 | 38.59 | peak | -11.66 | 26.93 | 43.50 | 16.57 |

**2) 1GHz-5GHz:**

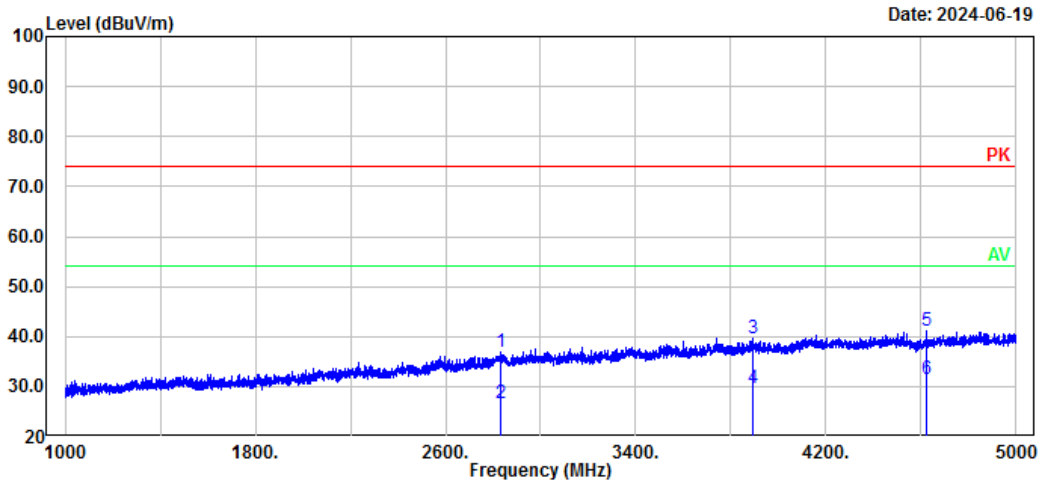
**M1(Antenna 1, Battery 1#, 400-600MHz was the worst):**

Project No.: 2402U68779E-RF Serial No.: 2N05-1
Polarization: Horizontal Tester: Leo Xiao
Test Mode: Charging from USB & Scanning(400-600)




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2596.00 | 49.56 | -13.74 | 35.82 | 74.00 | 38.18 | Peak |
| 2 | 2596.00 | 39.86 | -13.74 | 26.12 | 54.00 | 27.88 | Average |
| 3 | 3443.20 | 50.78 | -12.08 | 38.70 | 74.00 | 35.30 | Peak |
| 4 | 3443.20 | 40.50 | -12.08 | 28.42 | 54.00 | 25.58 | Average |
| 5 | 4693.60 | 51.02 | -10.11 | 40.91 | 74.00 | 33.09 | Peak |
| 6 | 4693.60 | 41.35 | -10.11 | 31.24 | 54.00 | 22.76 | Average |

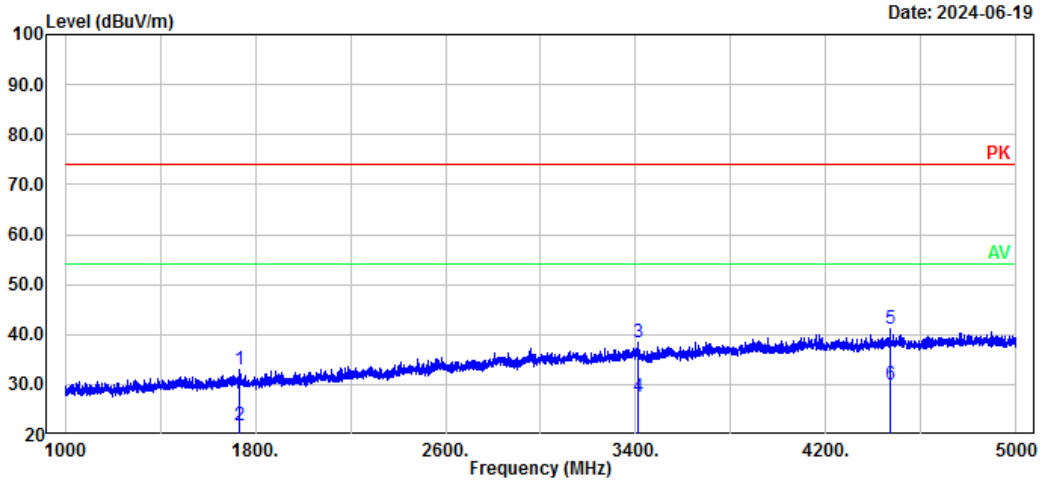
Project No.: 2402U68779E-RF Serial No.: 2N05-1
Polarization: Vertical Tester: Leo Xiao
Test Mode: Charging from USB & Scanning(400-600)




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2832.00 | 49.97 | -13.19 | 36.78 | 74.00 | 37.22 | Peak |
| 2 | 2832.00 | 39.84 | -13.19 | 26.65 | 54.00 | 27.35 | Average |
| 3 | 3895.20 | 50.55 | -11.02 | 39.53 | 74.00 | 34.47 | Peak |
| 4 | 3895.20 | 40.66 | -11.02 | 29.64 | 54.00 | 24.36 | Average |
| 5 | 4622.40 | 51.12 | -10.13 | 40.99 | 74.00 | 33.01 | Peak |
| 6 | 4622.40 | 41.65 | -10.13 | 31.52 | 54.00 | 22.48 | Average |

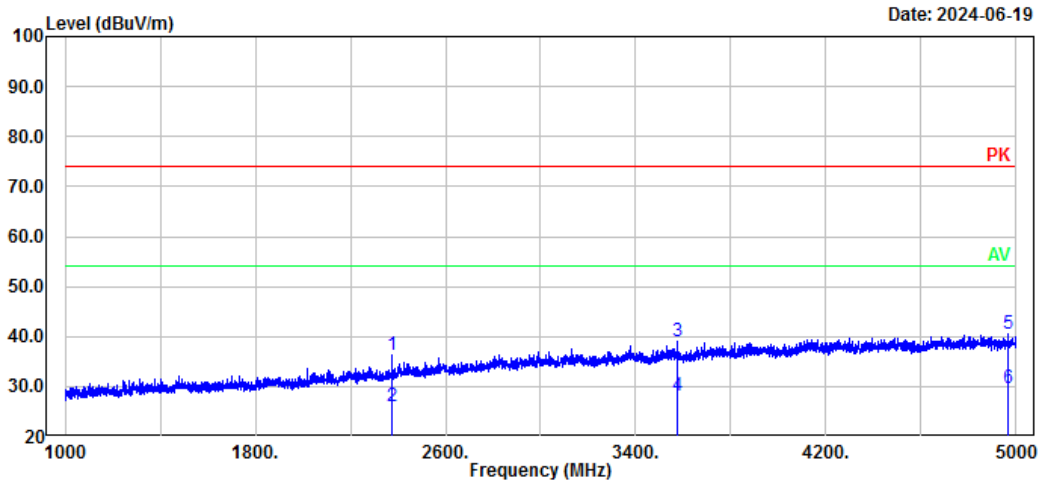
**M2(Antenna 1, Battery 1#, 599.9875MHz was the worst):**

Project No.: 2402U68779E-RF Serial No.: 2N05-1
Polarization: Horizontal Tester: Leo Xiao
Test Mode: Charging&Receiving(599.9875)




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 1732.80 | 49.59 | -16.68 | 32.91 | 74.00 | 41.09 | Peak |
| 2 | 1732.80 | 38.51 | -16.68 | 21.83 | 54.00 | 32.17 | Average |
| 3 | 3412.80 | 50.40 | -12.13 | 38.27 | 74.00 | 35.73 | Peak |
| 4 | 3412.80 | 39.63 | -12.13 | 27.50 | 54.00 | 26.50 | Average |
| 5 | 4468.00 | 51.32 | -10.29 | 41.03 | 74.00 | 32.97 | Peak |
| 6 | 4468.00 | 40.15 | -10.29 | 29.86 | 54.00 | 24.14 | Average |

Project No.: 2402U68779E-RF Serial No.: 2N05-1
Polarization: Vertical Tester: Leo Xiao
Test Mode: Charging&Receiving(599.9875)




| No. | Frequency (MHz) | Reading (dBµV) | Factor (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 2376.00 | 51.02 | -14.70 | 36.32 | 74.00 | 37.68 | Peak |
| 2 | 2376.00 | 40.72 | -14.70 | 26.02 | 54.00 | 27.98 | Average |
| 3 | 3572.80 | 50.68 | -11.69 | 38.99 | 74.00 | 35.01 | Peak |
| 4 | 3572.80 | 39.71 | -11.69 | 28.02 | 54.00 | 25.98 | Average |
| 5 | 4964.00 | 50.39 | -9.99 | 40.40 | 74.00 | 33.60 | Peak |
| 6 | 4964.00 | 39.72 | -9.99 | 29.73 | 54.00 | 24.27 | Average |

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

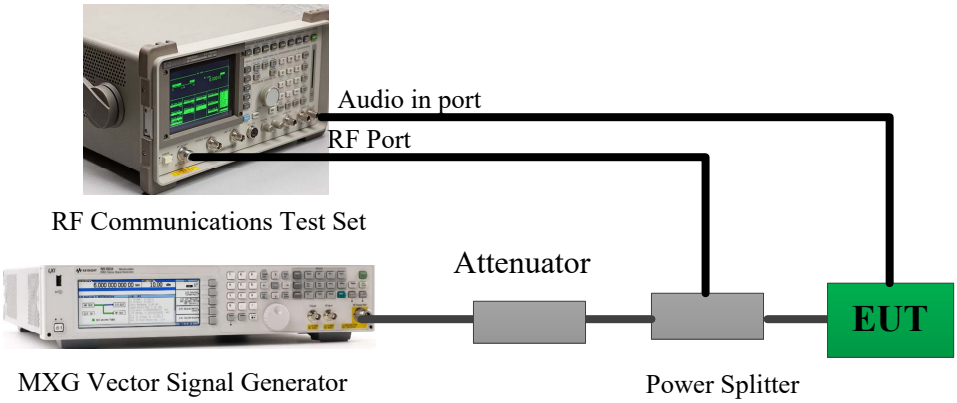
### 4.3.1 Applicable Standard

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.

### 4.3.2 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 8920 output power to produce 12 dB SINAD without the audio output power dropping by more than 3 dB; These output level of the 8920 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.

### 4.3.3 Test Data and Result

| | | | |
|---|---|---|---|
| Serial Number: | 2N05-1 | Test Date: | 2024/7/3 |
| Test Site: | RF | Test Mode: | Scanning |
| Tester: | Stu Song | Test Result: | Pass |

| **Environmental Conditions:** | | | | | |
|---|---|---|---|---|---|
| Temperature: (℃) | 26.8 | Relative Humidity: (%) | 59 | ATM Pressure: (kPa) | 100.4 |

**Test Equipment List and Details:**

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|---|---|---|---|---|---|
| Micro-Coax | Coaxial Cable | UFB205A | 323308-024 | 2024/1/2 | 2025/1/1 |
| Micro-Coax | Coaxial Cable | UFB205A | 323308-015 | 2024/1/2 | 2025/1/1 |
| Micro-Coax | Coaxial Cable | UFB205A | 323308-018 | 2024/1/2 | 2025/1/1 |
| HP | RF Communications Test Set | 8920A | 3438A05201 | 2023/10/18 | 2024/10/17 |
| Agilent | MXG Vector Signal Generator | N5182B | MY51350142 | 2023/9/1 | 2024/8/31 |
| Minl-Clrcuits | Coaxial Power Splitters & Combiner | ZFRSC-183-S+ | SF448201614 | 2024/2/25 | 2025/2/24 |
| Huaxiang | Coaxial Attenuator | DTS250-30 | 11022109 | 2024/6/7 | 2025/6/6 |

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (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) |
|---|---|---|---|
| 108-136,136-174,220-260,350-390,400-600 | 824, 836, 849, 869, 881.5, 894 | 42 | >38 |

# APPENDIX A - EUT PHOTOGRAPHS

Please refer to the attachment 2402U68779E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2402U68779E-RF-INP EUT INTERNAL PHOTOGRAPHS

# APPENDIX B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2402U68779E-RF-00A-TSP TEST SETUP PHOTOGRAPHS.

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