

## TEST REPORT

**Applicant:** Quanzhou Leixen Electronics Co., Ltd

**Address:** No.48, Jinqiao Road, Changtai Street Quanzhou City China

**Product Name:** Two Way Radio

**FCC ID:** 2AC2Z-VV-106

**Standard(s):** FCC Part 15B  
ANSI C63.4-2014

**Report Number:** XMDN240327-16017E-RF-00A

**Report Date:** 2025/6/24

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

*Pedro Yun*

*Gavin Xu*

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DOCUMENT REVISION HISTORY

| Revision Number | Report Number            | Description of Revision | Date of Revision |
|-----------------|--------------------------|-------------------------|------------------|
| 1.0             | XMDN240327-16017E-RF-00A | Original Report         | 2025/6/24        |

1. GENERAL INFORMATION

1.1 General Description Of Equipment under Test

|                               |                                             |
|-------------------------------|---------------------------------------------|
| EUT Name:                     | Two Way Radio                               |
| EUT Model:                    | VV-106                                      |
| Highest Operation Frequency^: | 467.7125 MHz                                |
| Rated Input Voltage:          | DC 3.7V from battery or DC 5V from USB port |
| Serial Number:                | 2JES-3                                      |
| EUT Received Date:            | 2024/4/3                                    |
| EUT Received Status:          | Good                                        |

1.2 Accessory Information

| Accessory Description | Manufacturer                         | Model   | Parameters |
|-----------------------|--------------------------------------|---------|------------|
| Earphone              | Quanzhou Leixen Electronics Co., Ltd | Unknown | Unknown    |

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   |

### 3. DESCRIPTION OF TEST CONFIGURATION

#### 3.1 Operation Frequency And Test Channel:

| Operation Modes | Operation Frequency Range (MHz)        | Test Frequency (MHz) |
|-----------------|----------------------------------------|----------------------|
| Receiving       | 462.5500-462.7250<br>467.5625-467.7125 | 462.6375<br>467.6375 |

#### 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)                      |
|------------------------------------|-----------------------------------|
| <b>Radiated Spurious Emission:</b> | Test Mode 1: Charging & Receiving |
| <b>AC Line Conducted Emission:</b> | Test Mode 1: Charging & Receiving |

#### 3.3 EUT Exercise Software

No software was used to test.

#### 3.4 Support Equipment List and Details

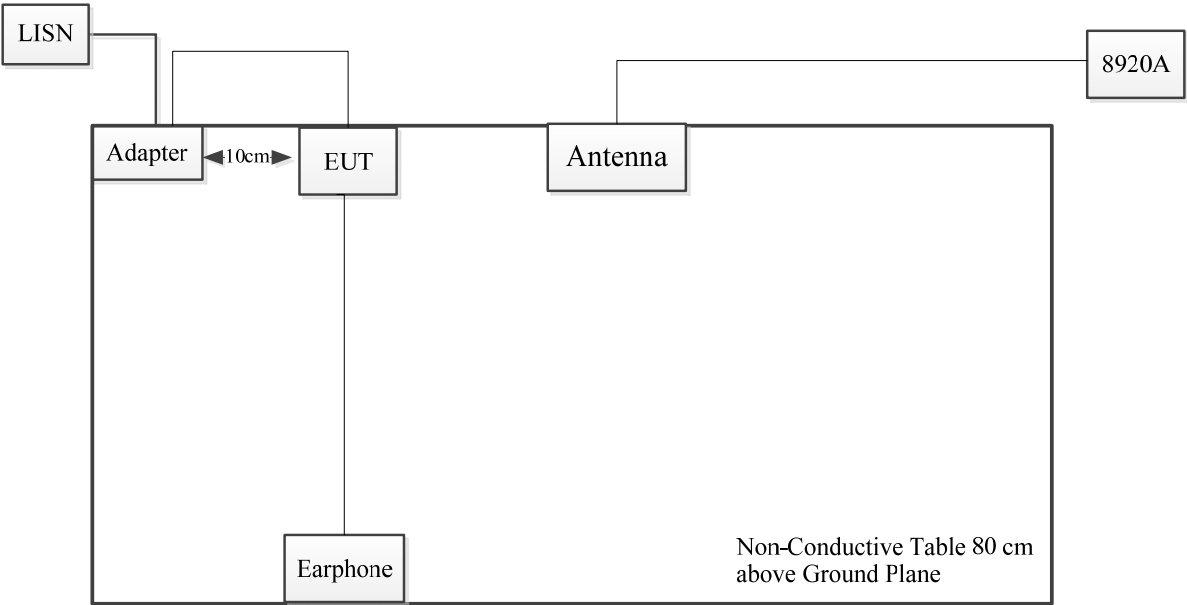
| Manufacturer | Description                | Model          | Serial Number |
|--------------|----------------------------|----------------|---------------|
| intertek     | Adapter                    | GO24-090200-AX | 4007202-CS    |
| Unknown      | Antenna                    | Unknown        | Unknown       |
| HP           | RF Communications Test Set | 8920A          | 3438A05201    |

#### 3.5 Support Cable List and Details

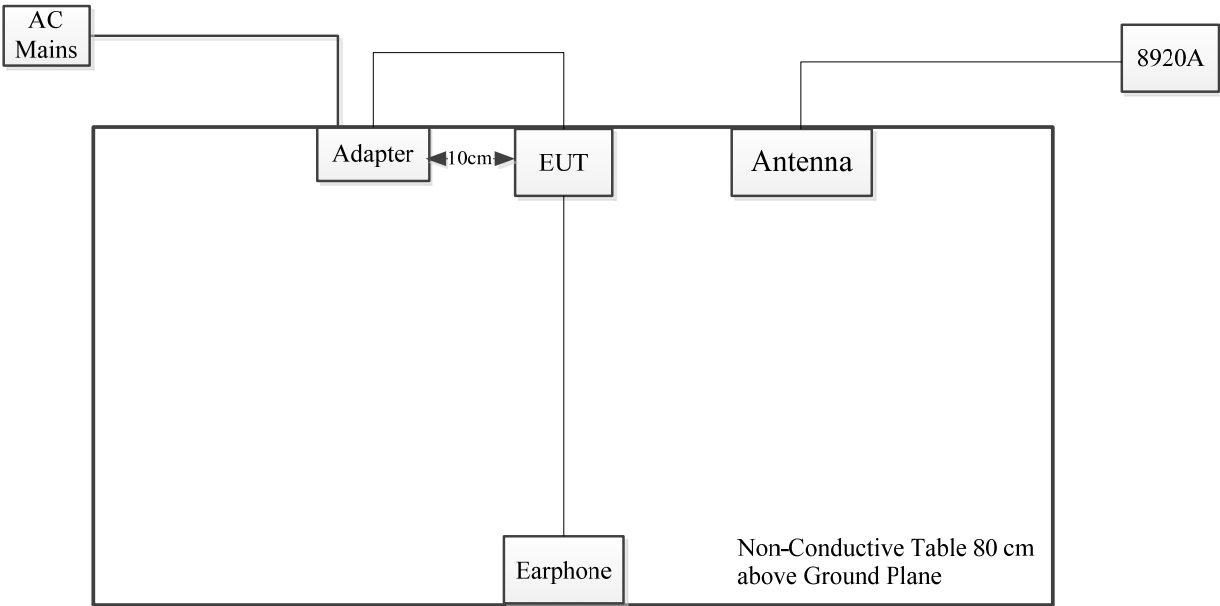
| Cable Description | Shielding Cable | Ferrite Core | Length (m) | From Port | To      |
|-------------------|-----------------|--------------|------------|-----------|---------|
| Earphone cable    | No              | No           | 0.8        | Earphone  | EUT     |
| USB cable         | No              | No           | 0.4        | Adapter   | EUT     |
| Signal cable      | No              | No           | 2.0        | 8920A     | Antenna |

3.6 Block Diagram of Test Setup

AC Line conducted Emission:



Radiated Emission:



### 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<br>200MHz~1GHz: 5.92 dB, 1GHz~6GHz: 4.98 dB<br>6GHz~18GHz: 5.89 dB, 18GHz~26.5GHz: 5.47 dB<br>26.5GHz~40GHz: 5.63 dB |
| AC Power Lines Conducted Emission | 3.11 dB (150 kHz to 30 MHz)                                                                                                                                   |
| Temperature                       | ±1 °C                                                                                                                                                         |
| Humidity                          | ±5%                                                                                                                                                           |

## 4. REQUIREMENTS AND TEST PROCEDURES

### 4.1 AC Line Conducted Emissions

#### 4.1.1 Applicable Standard

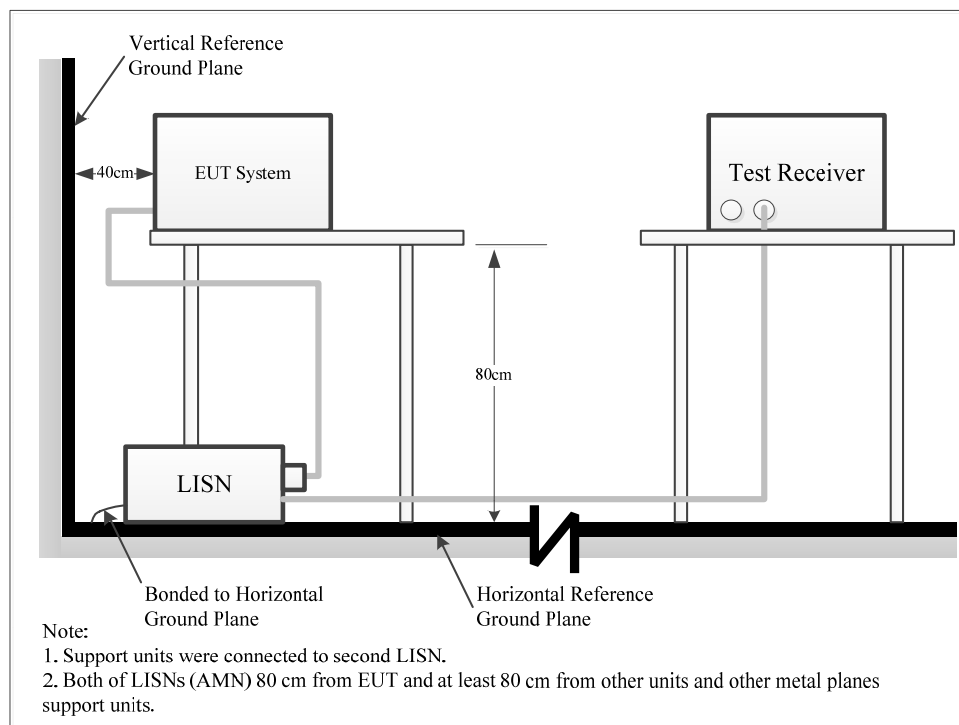
FCC§15.107

(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  $\mu$  H/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 (dB $\mu$ V) |           |
|-----------------------------|------------------------------|-----------|
|                             | 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



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 Result and Data

|                |           |              |            |
|----------------|-----------|--------------|------------|
| Serial Number: | 2JES-3    | Test Date:   | 2025/06/09 |
| Test Site:     | CE        | Test Mode:   | Mode 1     |
| Tester:        | Yukin Qiu | Test Result: | Pass       |

Environmental Conditions:

|                      |      |                           |    |                        |     |
|----------------------|------|---------------------------|----|------------------------|-----|
| Temperature:<br>(°C) | 27.1 | Relative Humidity:<br>(%) | 60 | ATM Pressure:<br>(kPa) | 100 |
|----------------------|------|---------------------------|----|------------------------|-----|

Test Equipment List and Details:

| Manufacturer | Description       | Model  | Serial Number | Calibration Date | Calibration Due Date |
|--------------|-------------------|--------|---------------|------------------|----------------------|
| R&S          | LISN              | ENV216 | 101614        | 2024/9/5         | 2025/9/4             |
| Unknown      | Coaxial Cable     | RG 142 | C-0200-05     | 2025/5/6         | 2026/5/5             |
| R&S          | EMI Test Receiver | ESCI   | 101121        | 2024/9/5         | 2025/9/4             |
| Audix        | Test Software     | E3     | 191218 V9     | N/A              | N/A                  |

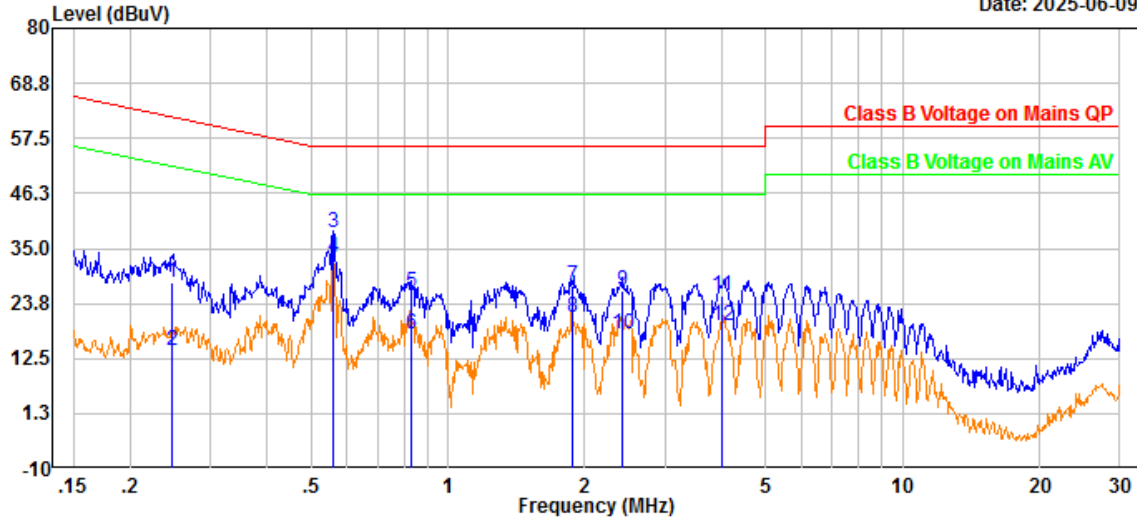
*\* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

462.6375MHz

Project No.: XMDN240327-16017E-RF  
Port: Line  
Test Mode: M1  
IF B/W 9kHz PK/AV

Serial No.: 2JES-3  
Tester: Yukin Qiu  
Note: 462.6375

Date: 2025-06-09

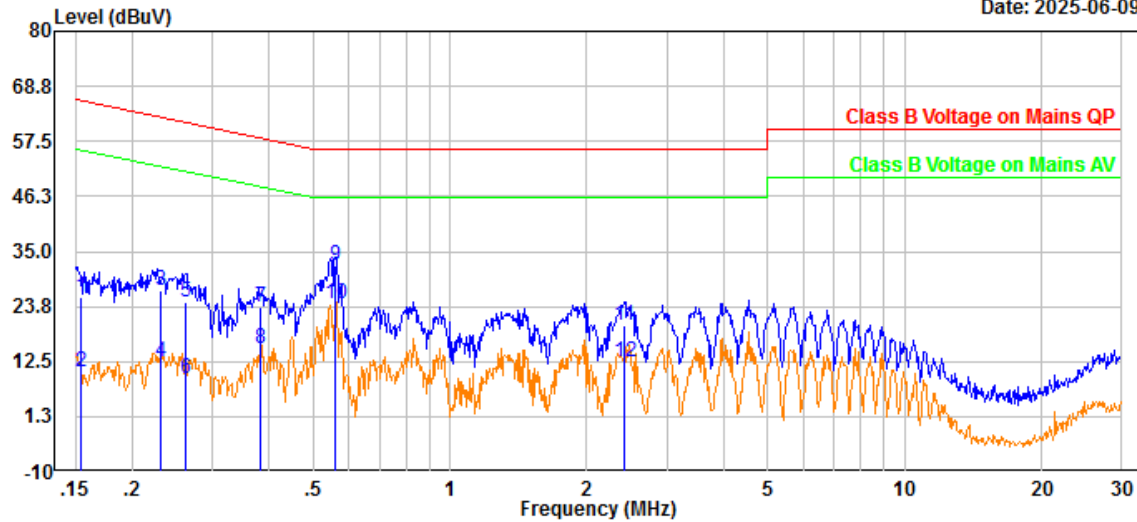


| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB) | Result (dBμV) | Limit (dBμV) | Margin (dB) | Measurement |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|-------------|
| 1   | 0.248           | 17.30          | 10.80       | 28.10         | 61.84        | 33.74       | QP          |
| 2   | 0.248           | 3.30           | 10.80       | 14.10         | 51.84        | 37.74       | Average     |
| 3   | 0.559           | 27.28          | 10.81       | 38.09         | 56.00        | 17.91       | QP          |
| 4   | 0.559           | 22.29          | 10.81       | 33.10         | 46.00        | 12.90       | Average     |
| 5   | 0.831           | 15.29          | 10.81       | 26.10         | 56.00        | 29.90       | QP          |
| 6   | 0.831           | 6.73           | 10.81       | 17.54         | 46.00        | 28.46       | Average     |
| 7   | 1.872           | 16.58          | 10.81       | 27.39         | 56.00        | 28.61       | QP          |
| 8   | 1.872           | 10.19          | 10.81       | 21.00         | 46.00        | 25.00       | Average     |
| 9   | 2.418           | 15.53          | 10.79       | 26.32         | 56.00        | 29.68       | QP          |
| 10  | 2.418           | 6.57           | 10.79       | 17.36         | 46.00        | 28.64       | Average     |
| 11  | 3.991           | 14.69          | 10.70       | 25.39         | 56.00        | 30.61       | QP          |
| 12  | 3.991           | 8.36           | 10.70       | 19.06         | 46.00        | 26.94       | Average     |

Project No.: XMDN240327-16017E-RF  
Port: neutral  
Test Mode: M1  
IF B/W 9kHz PK/AV

Serial No.: 2JES-3  
Tester: Yukin Qiu  
Note: 462.6375

Date: 2025-06-09

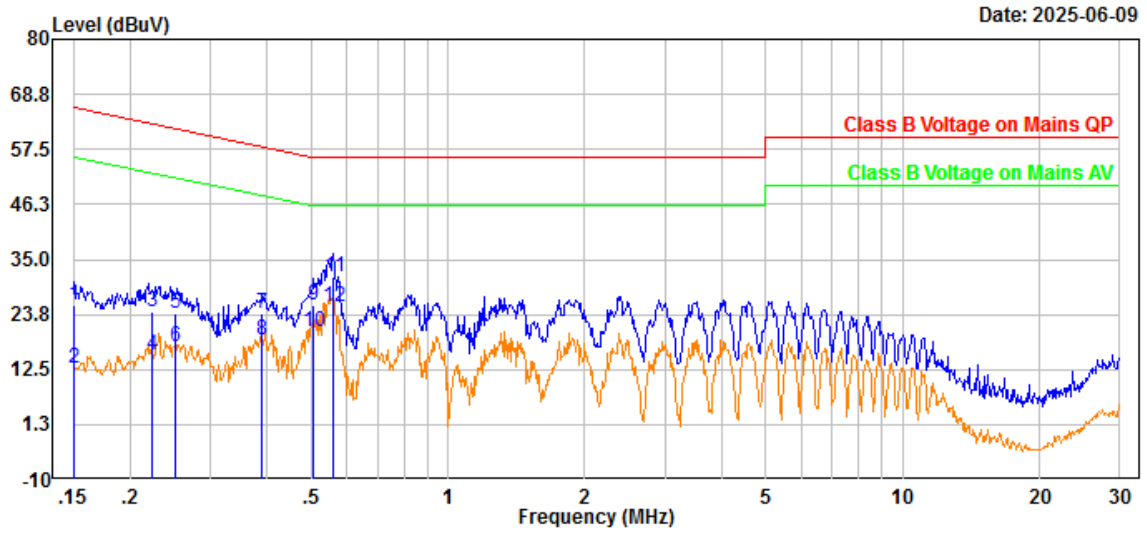


| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB) | Result (dBμV) | Limit (dBμV) | Margin (dB) | Measurement |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|-------------|
| 1   | 0.154           | 14.94          | 10.80       | 25.74         | 65.79        | 40.05       | QP          |
| 2   | 0.154           | -0.45          | 10.80       | 10.35         | 55.79        | 45.44       | Average     |
| 3   | 0.232           | 16.11          | 10.79       | 26.90         | 62.39        | 35.49       | QP          |
| 4   | 0.232           | 1.51           | 10.79       | 12.30         | 52.39        | 40.09       | Average     |
| 5   | 0.262           | 14.02          | 10.78       | 24.80         | 61.36        | 36.56       | QP          |
| 6   | 0.262           | -1.93          | 10.78       | 8.85          | 51.36        | 42.51       | Average     |
| 7   | 0.384           | 12.89          | 10.75       | 23.64         | 58.18        | 34.54       | QP          |
| 8   | 0.384           | 4.33           | 10.75       | 15.08         | 48.18        | 33.10       | Average     |
| 9   | 0.561           | 21.34          | 10.71       | 32.05         | 56.00        | 23.95       | QP          |
| 10  | 0.561           | 13.46          | 10.71       | 24.17         | 46.00        | 21.83       | Average     |
| 11  | 2.412           | 8.95           | 10.89       | 19.84         | 56.00        | 36.16       | QP          |
| 12  | 2.412           | 1.65           | 10.89       | 12.54         | 46.00        | 33.46       | Average     |

467.6375MHz

Project No.: XMDN240327-16017E-RF  
Port: Line  
Test Mode: M1  
IF B/W 9kHz PK/AV

Serial No.: 2JES-3  
Tester: Yukin Qiu  
Note: 467.6375

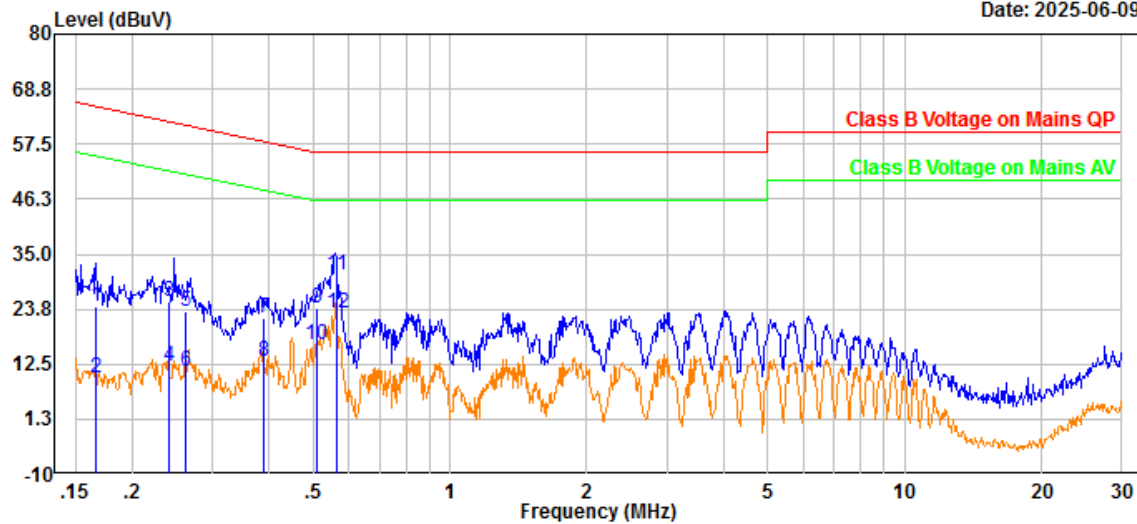


| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB) | Result<br>(dBμV) | Limit<br>(dBμV) | Margin<br>(dB) | Measurement |
|-----|--------------------|-------------------|----------------|------------------|-----------------|----------------|-------------|
| 1   | 0.151              | 14.86             | 10.70          | 25.56            | 65.96           | 40.40          | QP          |
| 2   | 0.151              | 2.19              | 10.70          | 12.89            | 55.96           | 43.07          | Average     |
| 3   | 0.224              | 13.34             | 10.80          | 24.14            | 62.67           | 38.53          | QP          |
| 4   | 0.224              | 4.81              | 10.80          | 15.61            | 52.67           | 37.06          | Average     |
| 5   | 0.252              | 13.19             | 10.80          | 23.99            | 61.70           | 37.71          | QP          |
| 6   | 0.252              | 6.31              | 10.80          | 17.11            | 51.70           | 34.59          | Average     |
| 7   | 0.389              | 13.08             | 10.81          | 23.89            | 58.08           | 34.19          | QP          |
| 8   | 0.389              | 7.83              | 10.81          | 18.64            | 48.08           | 29.44          | Average     |
| 9   | 0.504              | 14.68             | 10.81          | 25.49            | 56.00           | 30.51          | QP          |
| 10  | 0.504              | 9.54              | 10.81          | 20.35            | 46.00           | 25.65          | Average     |
| 11  | 0.561              | 20.52             | 10.81          | 31.33            | 56.00           | 24.67          | QP          |
| 12  | 0.561              | 14.44             | 10.81          | 25.25            | 46.00           | 20.75          | Average     |

Project No.: XMDN240327-16017E-RF  
Port: neutral  
Test Mode: M1  
IF B/W 9kHz PK/AV

Serial No.: 2JES-3  
Tester: Yukin Qiu  
Note: 467.6375

Date: 2025-06-09



| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB) | Result (dBμV) | Limit (dBμV) | Margin (dB) | Measurement |
|-----|-----------------|----------------|-------------|---------------|--------------|-------------|-------------|
| 1   | 0.166           | 13.57          | 10.80       | 24.37         | 65.15        | 40.78       | QP          |
| 2   | 0.166           | -1.03          | 10.80       | 9.77          | 55.15        | 45.38       | Average     |
| 3   | 0.242           | 14.70          | 10.79       | 25.49         | 62.04        | 36.55       | QP          |
| 4   | 0.242           | 1.42           | 10.79       | 12.21         | 52.04        | 39.83       | Average     |
| 5   | 0.263           | 12.65          | 10.78       | 23.43         | 61.34        | 37.91       | QP          |
| 6   | 0.263           | 0.18           | 10.78       | 10.96         | 51.34        | 40.38       | Average     |
| 7   | 0.390           | 11.34          | 10.75       | 22.09         | 58.06        | 35.97       | QP          |
| 8   | 0.390           | 2.51           | 10.75       | 13.26         | 48.06        | 34.80       | Average     |
| 9   | 0.508           | 13.30          | 10.71       | 24.01         | 56.00        | 31.99       | QP          |
| 10  | 0.508           | 5.81           | 10.71       | 16.52         | 46.00        | 29.48       | Average     |
| 11  | 0.563           | 19.93          | 10.71       | 30.64         | 56.00        | 25.36       | QP          |
| 12  | 0.563           | 12.10          | 10.71       | 22.81         | 46.00        | 23.19       | Average     |

## 4.2 Radiation Spurious Emissions

### 4.2.1 Applicable Standard

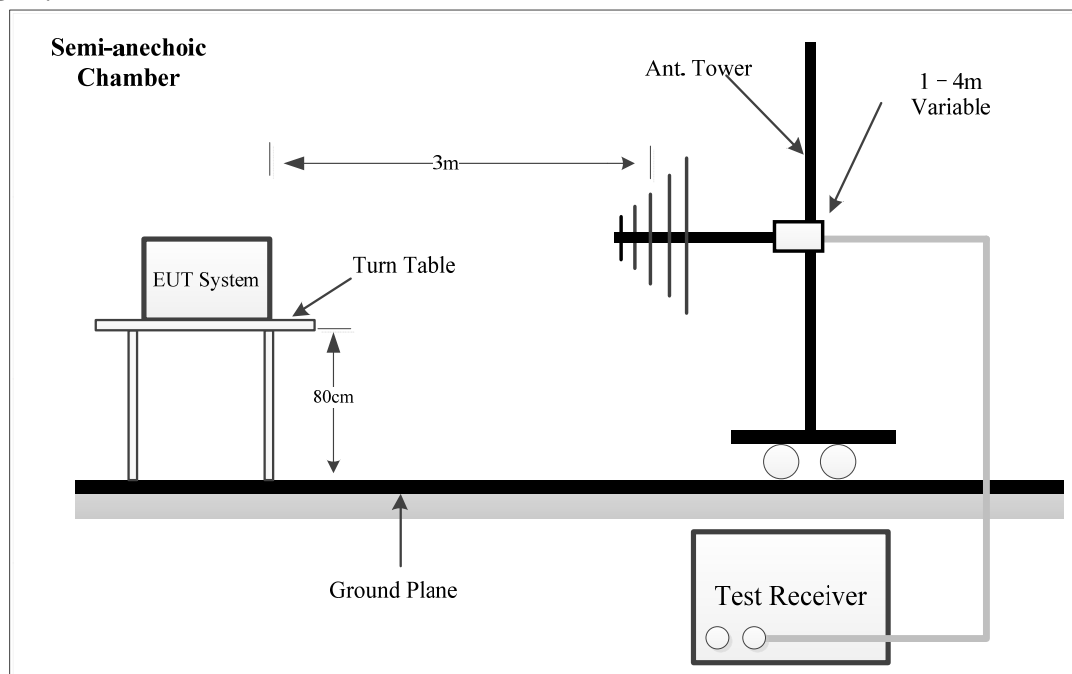
FCC§15.109

(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:

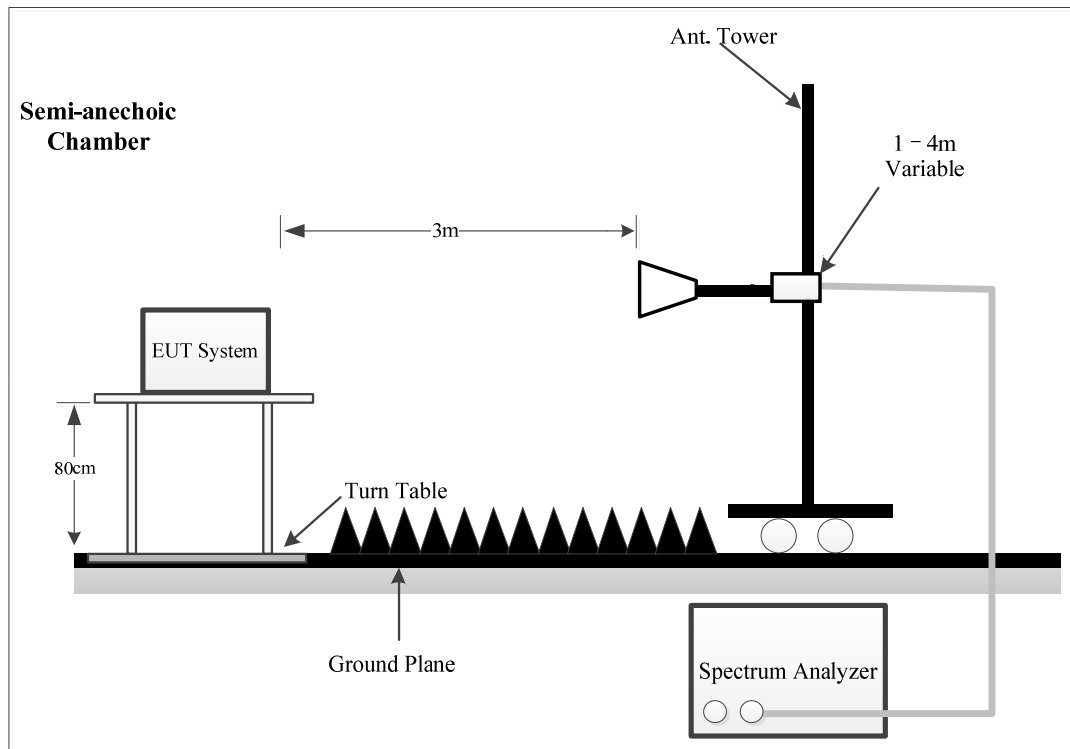
| Frequency of emission (MHz) | Field strength (microvolts/meter) |
|-----------------------------|-----------------------------------|
| 30-88                       | 100                               |
| 88-216                      | 150                               |
| 216-960                     | 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   | 10Hz      | /      | 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:

$$\text{Result} = \text{Reading} + \text{Factor}$$

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

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:

$$\text{Margin} = \text{Limit} - \text{Result}$$

**4.2.6 Test Result and Data**

|                |                            |              |                     |
|----------------|----------------------------|--------------|---------------------|
| Serial Number: | 2JES-3                     | Test Date:   | 2025/6/12~2025/6/14 |
| Test Site:     | Chamber10m, Chamber A      | Test Mode:   | Mode 1              |
| Tester:        | Leesin Xiang, Lancer Zhang | Test Result: | Pass                |

**Environmental Conditions:**

|                      |           |                              |       |                        |             |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|
| Temperature:<br>(°C) | 24.1~24.2 | Relative<br>Humidity:<br>(%) | 46~48 | ATM Pressure:<br>(kPa) | 100.6~100.7 |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|

**Test Equipment List and Details:**

| Manufacturer   | Description        | Model          | Serial Number | Calibration Date | Calibration Due Date |
|----------------|--------------------|----------------|---------------|------------------|----------------------|
| 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     | 2024/7/1         | 2025/6/30            |
| Unknown        | Coaxial Cable      | C-NJNJ-50      | C-0400-04     | 2024/7/1         | 2025/6/30            |
| Unknown        | Coaxial Cable      | C-NJNJ-50      | C-0530-01     | 2024/7/1         | 2025/6/30            |
| Sonoma         | Amplifier          | 310N           | 185914        | 2024/8/26        | 2025/8/25            |
| R&S            | EMI Test Receiver  | ESCI           | 100224        | 2024/8/26        | 2025/8/25            |
| Audix          | Test Software      | E3             | 191218 V9     | N/A              | N/A                  |
| AH             | Horn Antenna       | SAS-571        | 1177          | 2023/2/22        | 2026/2/21            |
| HUBER+SUHNER   | Coaxial Cable      | SUCOFLEX 126EA | MY369/26/26EA | 2024/7/1         | 2025/6/30            |
| AH             | Preamplifier       | PAM-0118P      | 530           | 2025/6/3         | 2026/6/2             |
| R&S            | Spectrum Analyzer  | FSV40          | 101947        | 2024/9/5         | 2025/9/4             |
| 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).

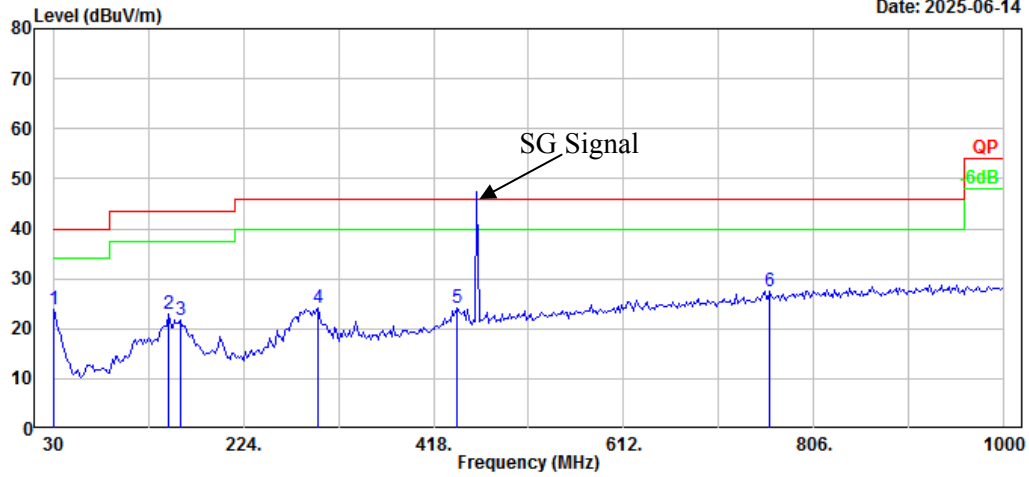
## 1) 30MHz-1GHz:

462.6375MHz

Project No.: XMDN240327-16017E-RF  
Polarization: Horizontal  
Test Mode: M1  
Note: 462.6375MHz  
RBW:100kHz VBW:300kHz

Serial No.: 2JES-3  
Tester: Leesin Xiang

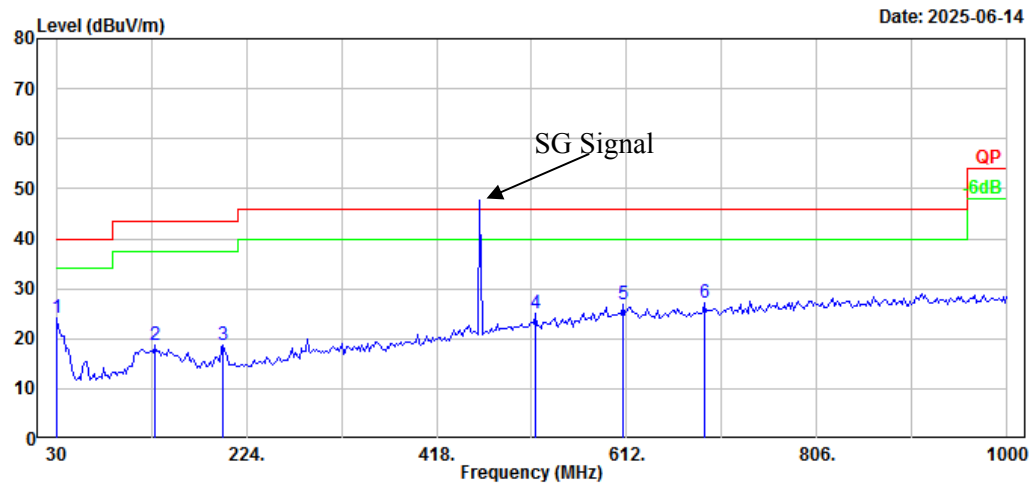
Date: 2025-06-14



| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Measurement |
|-----|-----------------|----------------|---------------|-----------------|----------------|-------------|-------------|
| 1   | 30.00           | 27.53          | -3.80         | 23.73           | 40.00          | 16.27       | Peak        |
| 2   | 148.34          | 33.84          | -10.96        | 22.88           | 43.50          | 20.62       | Peak        |
| 3   | 159.98          | 32.89          | -11.15        | 21.74           | 43.50          | 21.76       | Peak        |
| 4   | 299.66          | 33.77          | -9.52         | 24.25           | 46.00          | 21.75       | Peak        |
| 5   | 441.28          | 29.85          | -5.78         | 24.07           | 46.00          | 21.93       | Peak        |
| 6   | 761.38          | 27.62          | -0.14         | 27.48           | 46.00          | 18.52       | Peak        |

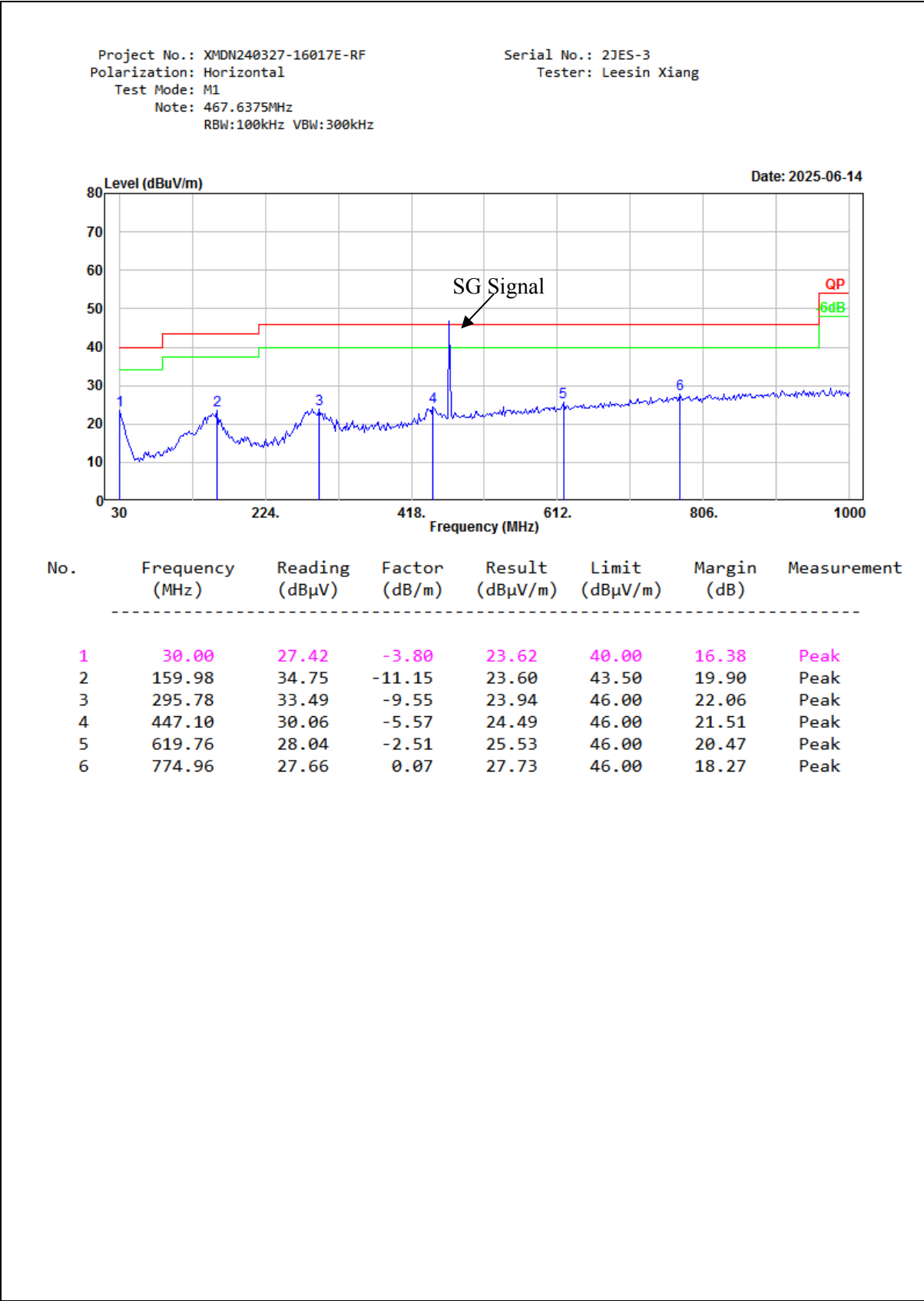
Project No.: XMDN240327-16017E-RF  
Polarization: Vertical  
Test Mode: M1  
Note: 462.6375MHz  
RBW:100kHz VBW:300kHz

Serial No.: 2JES-3  
Tester: Leesin Xiang



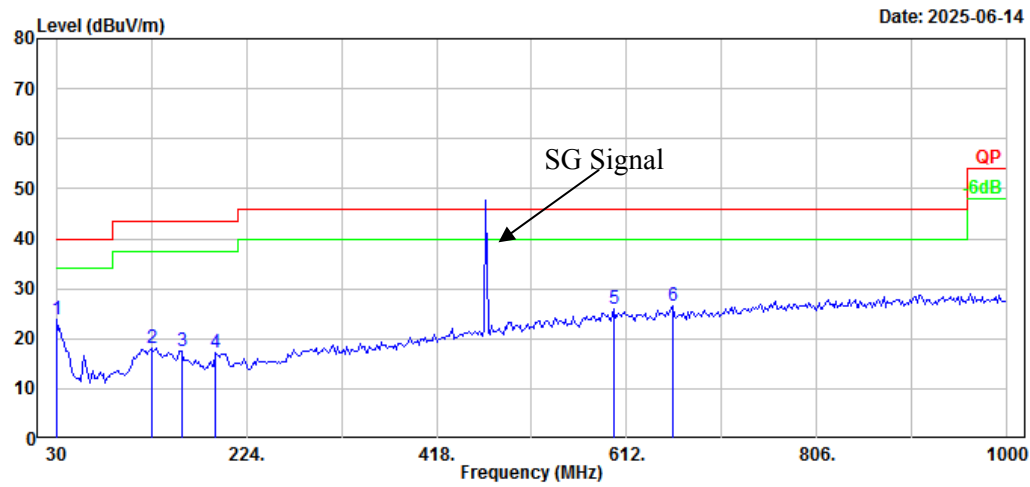
| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Measurement |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|-------------|
| 1   | 30.00              | 27.86             | -3.80            | 24.06              | 40.00             | 15.94          | Peak        |
| 2   | 130.88             | 28.73             | -9.91            | 18.82              | 43.50             | 24.68          | Peak        |
| 3   | 200.72             | 30.43             | -11.60           | 18.83              | 43.50             | 24.67          | Peak        |
| 4   | 518.88             | 28.99             | -3.96            | 25.03              | 46.00             | 20.97          | Peak        |
| 5   | 608.12             | 29.57             | -2.75            | 26.82              | 46.00             | 19.18          | Peak        |
| 6   | 691.54             | 28.61             | -1.38            | 27.23              | 46.00             | 18.77          | Peak        |

467.6375MHz



Project No.: XMDN240327-16017E-RF  
Polarization: Vertical  
Test Mode: M1  
Note: 467.6375MHz  
RBW:100kHz VBW:300kHz

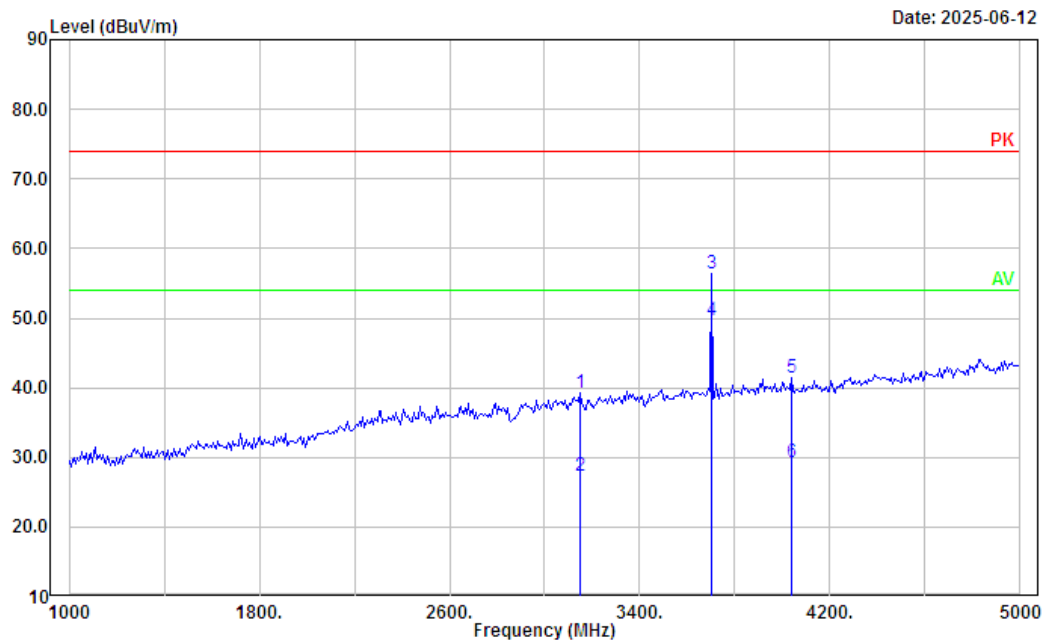
Serial No.: 2JES-3  
Tester: Leesin Xiang



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Measurement |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|-------------|
| 1   | 30.00              | 27.77             | -3.80            | 23.97              | 40.00             | 16.03          | Peak        |
| 2   | 127.00             | 28.10             | -9.89            | 18.21              | 43.50             | 25.29          | Peak        |
| 3   | 158.04             | 28.78             | -11.13           | 17.65              | 43.50             | 25.85          | Peak        |
| 4   | 192.96             | 29.10             | -11.94           | 17.16              | 43.50             | 26.34          | Peak        |
| 5   | 598.42             | 28.77             | -2.93            | 25.84              | 46.00             | 20.16          | Peak        |
| 6   | 658.56             | 28.22             | -1.78            | 26.44              | 46.00             | 19.56          | Peak        |

**2) 1GHz-5GHz:****462.6375MHz**

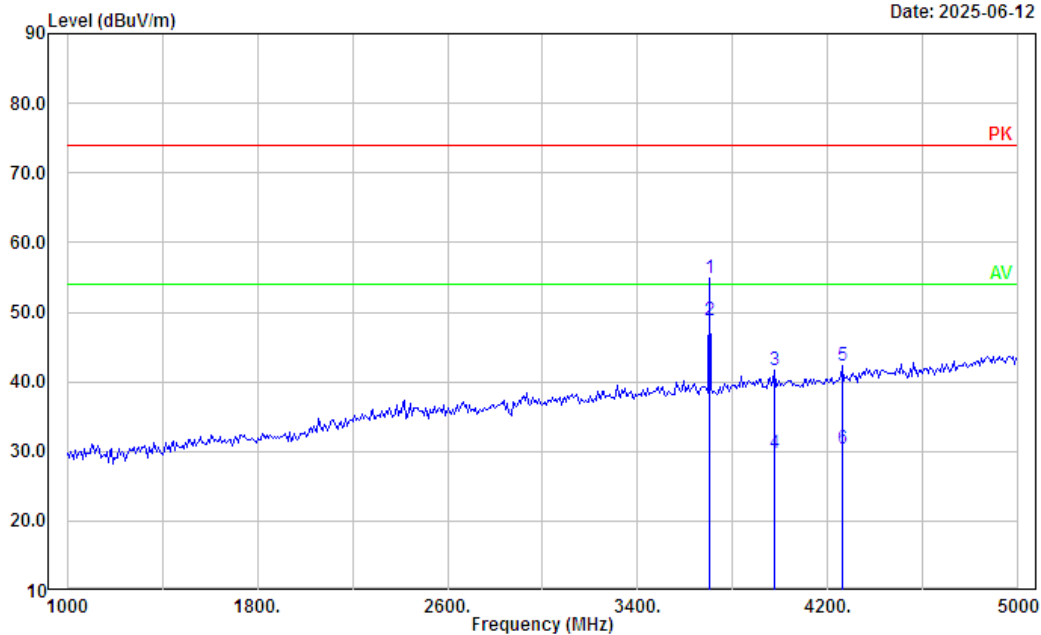
Project No.: XMDN240327-16017E-RF      Serial No.: 2JES-3  
Polarization: Horizontal      Tester: Lancer Zhang  
Test Mode: Charging from USB& Receiving (462.6375)  
Note: RBW:1MHz VBW:3MHz



| No. | Frequency<br>(MHz) | Reading<br>(dBμV) | Factor<br>(dB/m) | Result<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Measurement |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|-------------|
| 1   | 3146.67            | 48.21             | -8.96            | 39.25              | 74.00             | 34.75          | Peak        |
| 2   | 3146.67            | 36.22             | -8.96            | 27.26              | 54.00             | 26.74          | Average     |
| 3   | 3700.00            | 64.55             | -8.07            | 56.48              | 74.00             | 17.52          | Peak        |
| 4   | 3700.00            | 57.64             | -8.07            | 49.57              | 54.00             | 4.43           | Average     |
| 5   | 4040.00            | 48.68             | -7.14            | 41.54              | 74.00             | 32.46          | Peak        |
| 6   | 4040.00            | 36.47             | -7.14            | 29.33              | 54.00             | 24.67          | Average     |

Project No.: XMDN240327-16017E-RF      Serial No.: 2JES-3  
Polarization: Vertical      Tester: Lancer Zhang  
Test Mode: Charging from USB& Receiving (462.6375)  
Note: RBW:1MHz VBW:3MHz

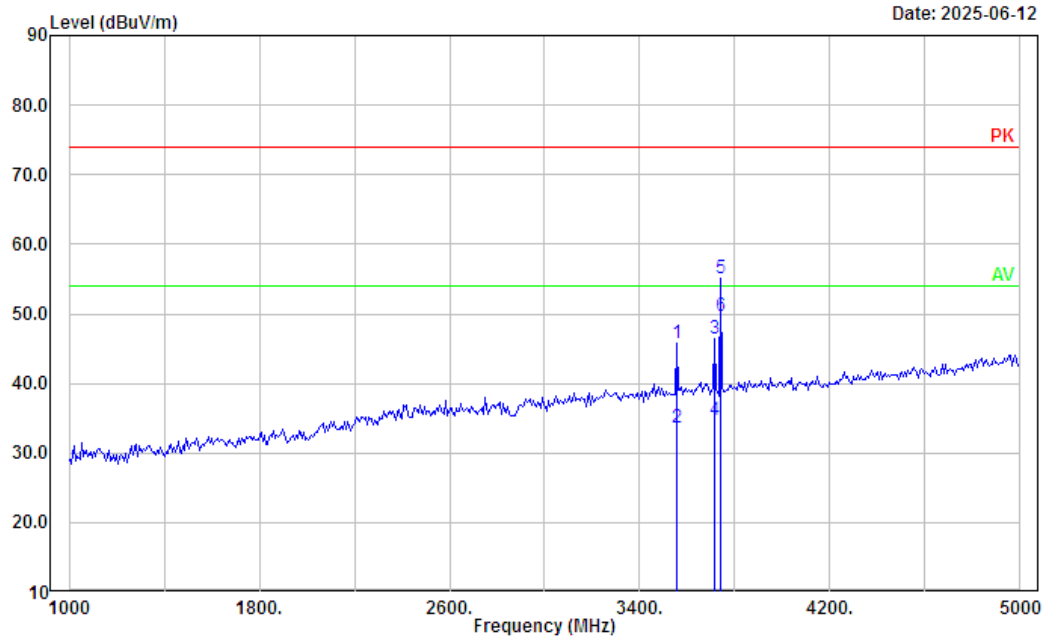
Date: 2025-06-12



| No. | Frequency<br>(MHz) | Reading<br>(dBUV) | Factor<br>(dB/m) | Result<br>(dBUV/m) | Limit<br>(dBUV/m) | Margin<br>(dB) | Measurement |
|-----|--------------------|-------------------|------------------|--------------------|-------------------|----------------|-------------|
| 1   | 3700.00            | 62.84             | -8.07            | 54.77              | 74.00             | 19.23          | Peak        |
| 2   | 3700.00            | 56.84             | -8.07            | 48.77              | 54.00             | 5.23           | Average     |
| 3   | 3973.33            | 48.91             | -7.23            | 41.68              | 74.00             | 32.32          | Peak        |
| 4   | 3973.33            | 36.91             | -7.23            | 29.68              | 54.00             | 24.32          | Average     |
| 5   | 4260.00            | 48.90             | -6.49            | 42.41              | 74.00             | 31.59          | Peak        |
| 6   | 4260.00            | 36.87             | -6.49            | 30.38              | 54.00             | 23.62          | Average     |

467.6375MHz

Project No.: XMDN240327-16017E-RF      Serial No.: 2JES-3  
Polarization: Horizontal      Tester: Lancer Zhang  
Test Mode: Charging from USB& Receiving (467.6375)  
Note: RBW:1MHz VBW:3MHz



| No. | Frequency (MHz) | Reading (dBμV) | Factor (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Measurement |
|-----|-----------------|----------------|---------------|-----------------|----------------|-------------|-------------|
| 1   | 3553.33         | 53.85          | -8.07         | 45.78           | 74.00          | 28.22       | Peak        |
| 2   | 3553.33         | 41.66          | -8.07         | 33.59           | 54.00          | 20.41       | Average     |
| 3   | 3713.33         | 54.46          | -7.96         | 46.50           | 74.00          | 27.50       | Peak        |
| 4   | 3713.33         | 42.68          | -7.96         | 34.72           | 54.00          | 19.28       | Average     |
| 5   | 3740.00         | 62.78          | -7.75         | 55.03           | 74.00          | 18.97       | Peak        |
| 6   | 3740.00         | 57.48          | -7.75         | 49.73           | 54.00          | 4.27        | Average     |

Project No.: XMDN240327-16017E-RF

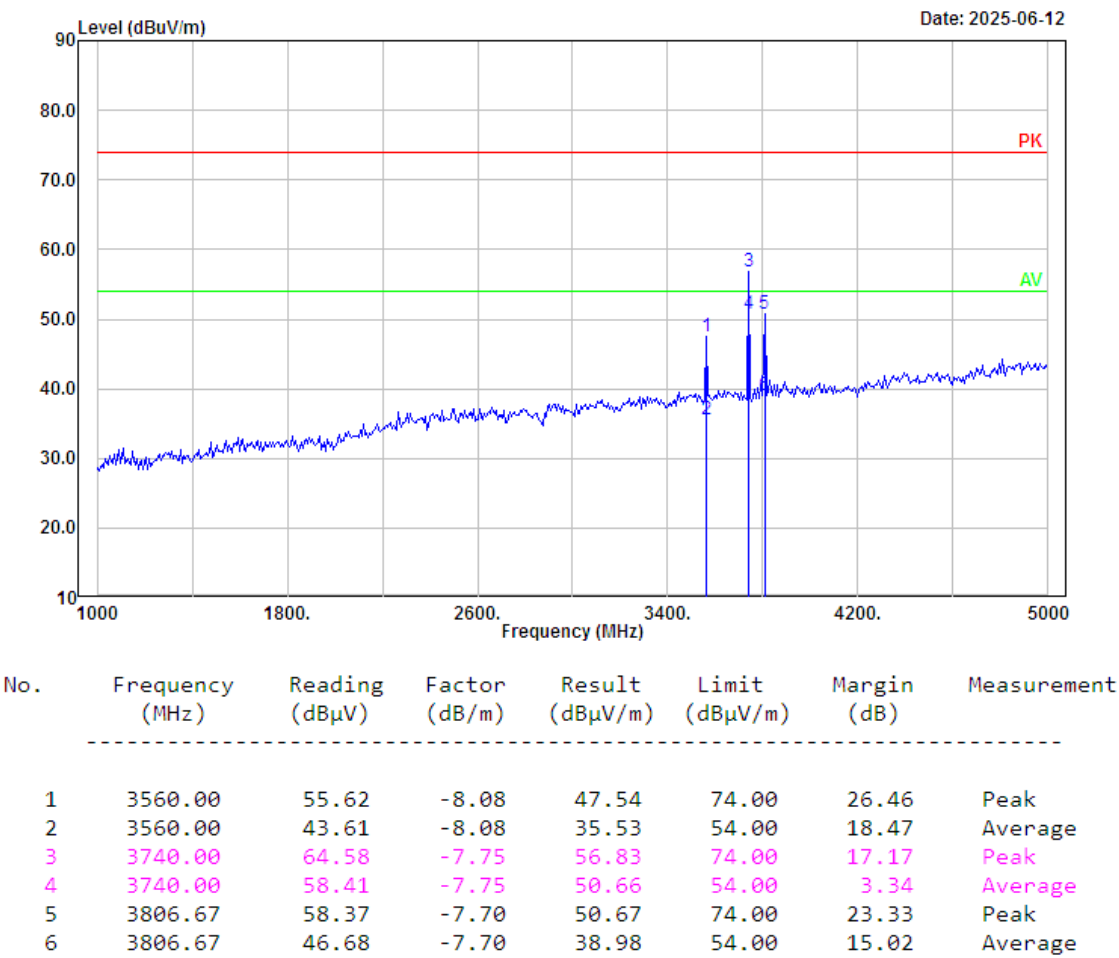
Serial No.: 2JES-3

Polarization: Vertical

Tester: Lancer Zhang

Test Mode: Charging from USB& Receiving (467.6375)

Note: RBW:1MHz VBW:3MHz



## **EXHIBIT A - EUT PHOTOGRAPHS**

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Please refer to the attachment XMDN240327-16017E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and XMDN240327-16017E-RF-INP EUT INTERNAL PHOTOGRAPHS

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## **EXHIBIT B - TEST SETUP PHOTOGRAPHS**

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Please refer to the attachment XMDN240327-16017E-RF-00A-TSP TEST SETUP PHOTOGRAPHS.

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