



# TEST REPORT

**Applicant:** Checkpoint Systems, Inc.  
**Address:** 101 Wolf Drive, Thorofare, New Jersey 08086, USA  
**Equipment Type:** EAS RF Detection System  
**Model Name:** EVOLVE EG35  
**Part Number:** EVOLVE EG35 PAB ANT, EVOLVE EG35 SAB ANT  
**Brand Name:** Checkpoint  
**FCC ID:** DO4EG35  
**Test Standard:** 47 CFR Part 15 Subpart C  
ANSI C63.10-2020+Cor 1:2023  
**Sample Receipt Date:** Jun. 17, 2026  
**Test Date:** Jun. 22, 2026 ~ Jun. 30, 2026  
**Date of Issue:** Jul. 27, 2026

**ISSUED BY:**

Shanghai Tejet Communications Technology Co., Ltd. Testing Center

**Prepared by:** Tong Yingying**Reviewed by:** Huang  
Chengkun**Approved by:** Zhang Yanqing  
(Laboratory Manager)

### Revision History

| Version        | Issue Date           | Revisions            |
|----------------|----------------------|----------------------|
| <u>Rev. 01</u> | <u>Jul. 27, 2026</u> | <u>Initial Issue</u> |

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# 1 GENERAL INFORMATION

## 1.1 Test Laboratory

|         |                                                                                          |
|---------|------------------------------------------------------------------------------------------|
| Name    | Shanghai Tejet Communications Technology Co., Ltd. Testing Center                        |
| Address | 1-2/F., Building 1, No.222, Xuanlan Road, Xuanqiao, Pudong New District, Shanghai, China |

## 1.2 Test Location

|                           |                                                                                                                                                                                                                                                                                                                 |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name                      | Shanghai Tejet Communications Technology Co., Ltd. Testing Center                                                                                                                                                                                                                                               |
| Location                  | 1-2/F., Building 1, No.222, Xuanlan Road, Xuanqiao, Pudong New District, Shanghai, China                                                                                                                                                                                                                        |
| Accreditation Certificate | <p>The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1352.</p> <p>The laboratory is a testing organization accredited by ISED as a accredited testing laboratory. The company number is 29671 and CAB identifier number is CN0142.</p> |

## 2 PRODUCT INFORMATION

### 2.1 Applicant Information

|           |                                                  |
|-----------|--------------------------------------------------|
| Applicant | Checkpoint Systems, Inc.                         |
| Address   | 101 Wolf Drive, Thorofare, New Jersey 08086, USA |

### 2.2 Manufacturer Information

|              |                                                  |
|--------------|--------------------------------------------------|
| Manufacturer | Checkpoint Systems, Inc.                         |
| Address      | 101 Wolf Drive, Thorofare, New Jersey 08086, USA |

### 2.3 General Description for Equipment under Test (EUT)

|                                           |                                          |
|-------------------------------------------|------------------------------------------|
| Equipment Type                            | EAS RF Detection System                  |
| Model Name Under Test                     | EVOLVE EG35                              |
| Part Number                               | EVOLVE EG35 PAB ANT, EVOLVE EG35 SAB ANT |
| Series Model Name                         | N/A                                      |
| Description of Model Name Differentiation | N/A                                      |
| Hardware Version                          | REV3                                     |
| Software Version                          | v5.14r/3.2.3                             |
| Dimensions (Approx.)                      | N/A                                      |
| Weight (Approx.)                          | N/A                                      |

### 2.4 Technical Information

|                                   |                                                         |
|-----------------------------------|---------------------------------------------------------|
| Network and Wireless connectivity | 2.4G WiFi, 5G WiFi, BT, NFC, hyperguard, 7.825-8.575Mhz |
|-----------------------------------|---------------------------------------------------------|

The requirement for the following technical information of the EUT was tested in this report:

|                        |                                              |
|------------------------|----------------------------------------------|
| Frequency Range        | 7.825 - 8.575 MHz                            |
| Frequency of Operation | 7.825, 7.975, 8.125, 8.275, 8.425, 8.575 MHz |
| Antenna Type           | Coil Antenna                                 |

### 3 SUMMARY OF TEST RESULTS

#### 3.1 Test Standards

| No. | Identity                       | Document Title                                                                                    |
|-----|--------------------------------|---------------------------------------------------------------------------------------------------|
| 1   | 47 CFR Part 15 Subpart C       | Intentional Radiators                                                                             |
| 2   | ANSI C63.10-2020+Cor<br>1:2023 | American National Standard of Procedures for<br>Compliance Testing of Unlicensed Wireless Devices |

#### 3.2 Verdict

| No.                                                                                                                 | Description                                          | FCC Part No.                     | Test Result            | Verdict              |
|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------|------------------------|----------------------|
| 1                                                                                                                   | Antenna Requirement                                  | 15.203                           | --                     | Pass <sup>Note</sup> |
| 2                                                                                                                   | Emissions Bandwidth                                  | 15.223(a)                        | ANNEX A.1              | Pass                 |
| 3                                                                                                                   | Fundamental Field Strength and<br>Radiated Emissions | 15.223(a)<br>15.223(b)<br>15.209 | ANNEX A.2<br>ANNEX A.3 | Pass                 |
| 4                                                                                                                   | Conducted Emission                                   | 15.207                           | ANNEX A.4              | Pass                 |
| Note: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203. |                                                      |                                  |                        |                      |

#### 3.3 Test Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

| Measurement                          | Value  |
|--------------------------------------|--------|
| Conducted emissions (150 kHz-30 MHz) | 2.6 dB |
| Radiated emissions (9 kHz-30 MHz)    | 4.0 dB |
| Radiated emissions (30 MHz-1 GHz)    | 4.4 dB |

#### 3.4 Decision Rule

- ☐ No Need
- ☒ Use General Conformity Decision Rule
- ☐ Use Special Conformity Decision Rule

## 4 GENERAL TEST CONFIGURATIONS

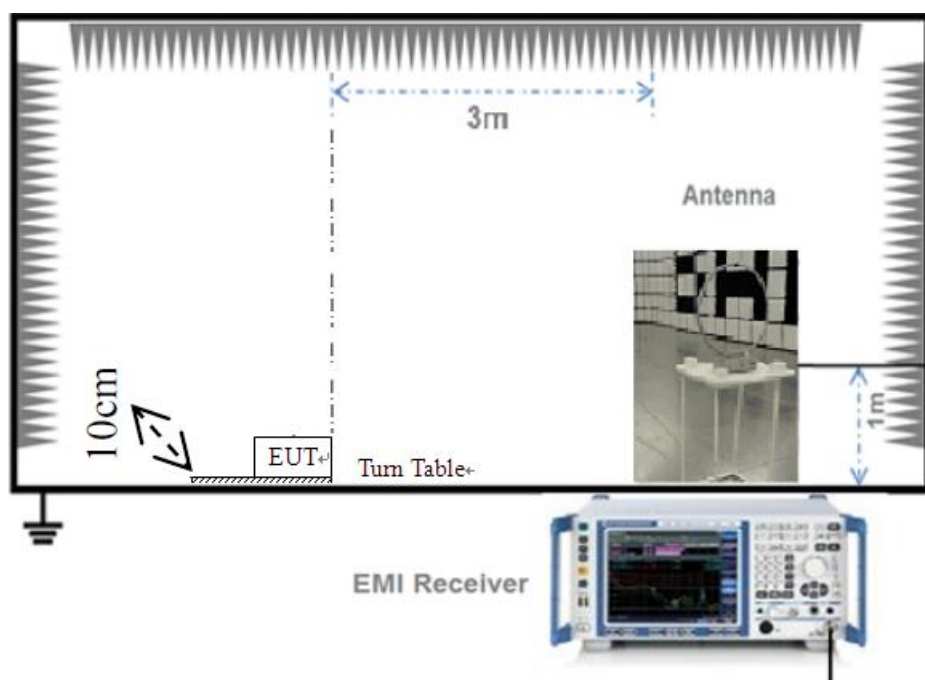
### 4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

|                            |                         |                |
|----------------------------|-------------------------|----------------|
| Relative Humidity          | 30% to 60%              |                |
| Atmospheric Pressure       | 100 kPa to 102 kPa      |                |
| Temperature                | NT (Normal Temperature) | +22°C to +25°C |
| Working Voltage of the EUT | NV (Normal Voltage)     | 110V/60Hz      |

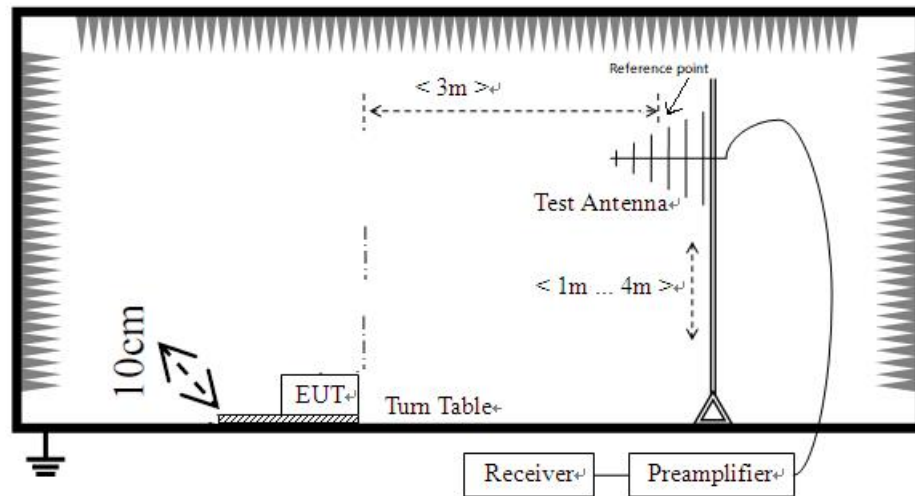
### 4.2 Description of Test Setup

#### 4.2.1 For Radiated Test (Below 30 MHz)



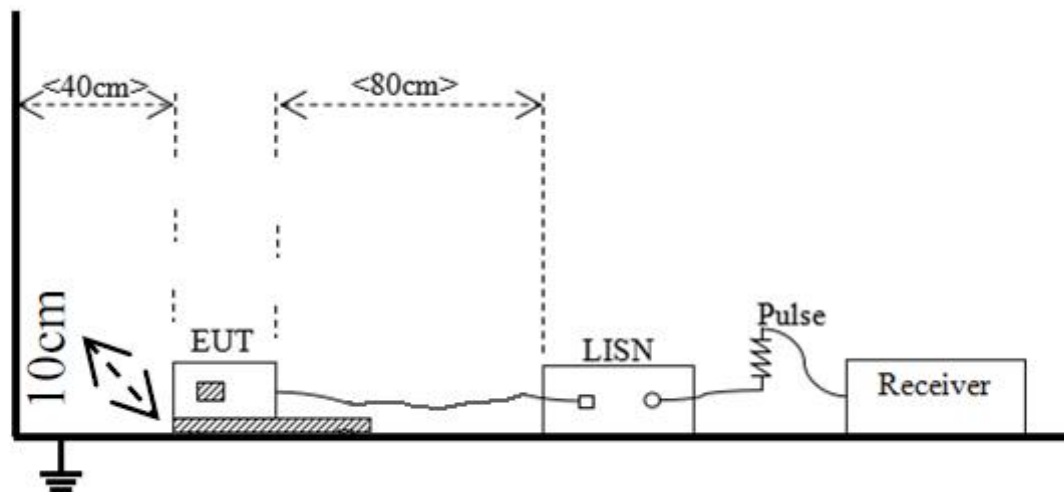
(Diagram 1)

#### 4.2.2 For Radiated Test (30 MHz-1 GHz)



(Diagram 2)

#### 4.2.3 For AC Power Supply Port Test



(Diagram 3)

## 5 TEST ITEMS

### 5.1 Antenna Requirements

#### 5.1.1 Relevant Standards

##### FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, § 15.213, § 15.217, § 15.219, or § 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

#### 5.1.2 Antenna Anti-Replacement Construction

The Antenna Anti-Replacement as following method:

| Protected Method                        | Description                            |
|-----------------------------------------|----------------------------------------|
| The antenna is embedded in the product. | An embedded-in antenna design is used. |

| Reference Documents | Item                              |
|---------------------|-----------------------------------|
| Photo               | Please refer EUT internal photos. |

## 5.2 Emission Bandwidth

### 5.2.1 Definition

FCC §15.223(a)

If the bandwidth of the emission is less than 10% of the center frequency, the field strength shall not exceed 15 microvolts/meter or ( the bandwidth of the device in kHz) divide by (the center frequency of the device in MHz) microvolts/meter at a distance of 30 meters, whichever is the higher level. For the purposes of this section, bandwidth is determined at the points 6 dB down from the modulated carrier.

The following conditions shall be observed for measuring the occupied bandwidth and x dB bandwidth:

- The transmitter shall be operated at its maximum carrier power measured under normal test conditions.
- The span of the spectrum analyzer shall be set large enough to capture all products of the modulation process, including the emission skirts, around the carrier frequency, but small enough to avoid having other emissions (e.g. on adjacent channels) within the span.
- The detector of the spectrum analyzer shall be set to "Sample". However, a peak, or peak hold, may be used in place of the sampling detector since this usually produces a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold (or "Max Hold") may be necessary to determine the occupied / x dB bandwidth if the device is not transmitting continuously.
- The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the actual occupied / x dB bandwidth and the video bandwidth (VBW) shall not be smaller than three times the RBW value. Video averaging is not permitted.

Note: It may be necessary to repeat the measurement a few times until the RBW and VBW are in compliance with the above requirement.

### 5.2.2 Test Setup

See section 4.2.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

### 5.2.3 Test Procedure

The 6dB bandwidth is measured with a spectrum analyzer connected via a receiver antenna placed near the EUT while the EUT is operating in transmission mode.

Use the following spectrum analyzer settings:

Span = between 2 to 5 times the OBW

RBW = 1% to 5% the OBW

VBW  $\geq$  3RBW

Sweep = auto

Detector function = peak

Trace = max hold

## 5.3 Field Strength of Fundamental Emissions Radiated Emissions

### 5.3.1 Limit

#### FCC §15.223(a)

The field strength of any emission within the band 1.705-10.0 MHz shall not exceed 100 microvolts/meter at a distance of 30 meters. The emission limits in this paragraph are based on measurement instrumentation employing an average detector. The provisions in §15.35(b) for limiting peak emissions apply.

There was no detected Restricted bands and Radiated spurious emission below 30MHz. The 30m limit was converted to 3m Limit using square factor(x) as it was found by measurements as follows; 3 m Limit(dBμV/m) = 20log(X)+40log(30/3)= 20log(1000)+40log(30/3) = 100dBμV/m.

Except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

| Peak Field Strength@30m |        | Average Field Strength@30m |        | Peak Field Strength@3m | Average Field Strength@3m |
|-------------------------|--------|----------------------------|--------|------------------------|---------------------------|
| μV/m                    | dBμV/m | μV/m                       | dBμV/m | dBμV/m                 | dBμV/m                    |
| 1000                    | 60     | 100                        | 40     | 100                    | 80                        |

NOTE:

1. Field Strength (dBμV/m) = 20\*log[Field Strength (μV/m)].
2. Duty Cycle=On Time (ms)/On+Off Time (ms)
3. Correction Factor (dB) = 20\*log(Duty Cycle)

#### FCC §15.225(d)

According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

| Frequency (MHz) | Field Strength (μV/m) | Measurement distance (meters) |
|-----------------|-----------------------|-------------------------------|
| 0.009 - 0.490   | 2400/F(kHz)           | 300                           |
| 0.490 - 1.705   | 24000/F(kHz)          | 30                            |
| 1.705 - 30.0    | 30                    | 30                            |
| 30 - 88         | 100                   | 3                             |
| 88 - 216        | 150                   | 3                             |
| 216 - 960       | 200                   | 3                             |
| Above 960       | 500                   | 3                             |

Note:

1. For Above 1000 MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

- For above 1000 MHz, limit field strength of harmonics: 54dB $\mu$ V/m@3m (AV) and 74dB $\mu$ V/m@3m (PK).

### 5.3.2 Test Setup

See section 4.2.1 and 4.2.2 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

### 5.3.3 Test Procedure

The measurement frequency range is from 9 kHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented. The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for  $f \geq 1$  GHz, 100 kHz for  $f < 1$  GHz

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

### 5.3.4 Test Result

Please refer to ANNEX A.2 and A.3

NOTE:

- Results (dB $\mu$ V/m) = Reading (dB $\mu$ V/m) + Factor (dB/m)

The reading level is calculated by software which is not shown in the sheet

- Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Amplifier Gain (dB)

- Over limit = Results – Limit.

## 5.4 Conducted Emission

### 5.4.1 Limit

FCC §15.207

For an intentional radiator 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 within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50μH/50Ω line impedance stabilization network (LISN).

| Frequency range (MHz) | Conducted Limit (dBμV) |          |
|-----------------------|------------------------|----------|
|                       | Quai-peak              | Average  |
| 0.15 - 0.50           | 66 to 56               | 56 to 46 |
| 0.50 - 5              | 56                     | 46       |
| 0.50 - 30             | 60                     | 50       |

### 5.4.2 Test Setup

See section 4.2.3 for test setup description. The photo of test setup please refer to ANNEX B.

### 5.4.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

### 5.4.4 Test Result

Please refer to ANNEX A.4.

NOTE:

1. Results (dBμV) = Reading (dBμV) + Factor (dB)

The reading level is calculated by software which is not shown in the sheet

2. Factor = Insertion loss + Cable loss

3. Over limit = Results – Limit.

## ANNEX A TEST RESULT

### A.1 Emission Bandwidth

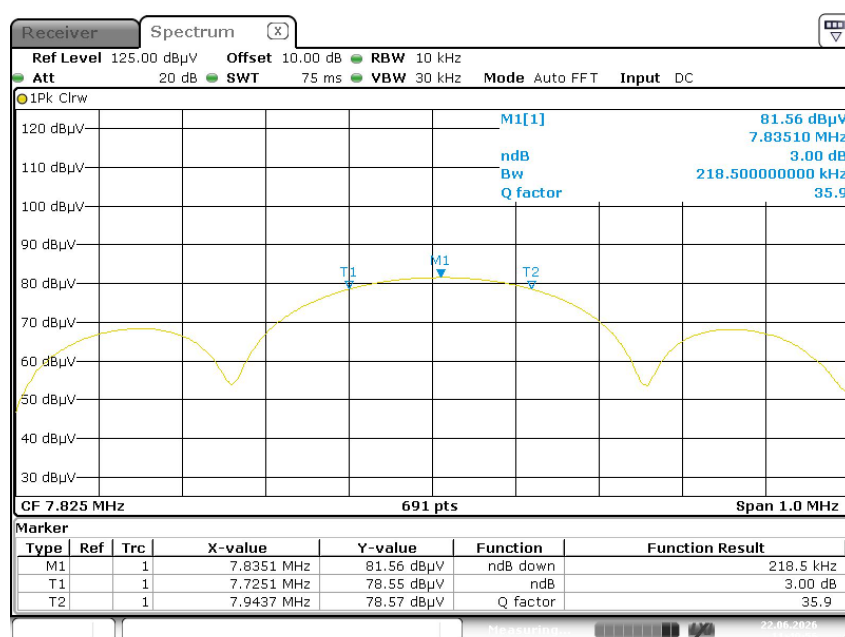
|               |                    |              |              |
|---------------|--------------------|--------------|--------------|
| Sample No.    | CC26060134-001-S04 | Temperature  | 22.8°C       |
| Humidity      | 52%RH              | Test Voltage | AC 110V/60Hz |
| Test Engineer | Wu Dejun           | Test Date    | 2026.06.22   |

#### Test Data

| Frequency<br>(MHz) | Emission Bandwidth(6dB down)<br>(kHz) |
|--------------------|---------------------------------------|
| 7.825              | 218.5                                 |
| 7.975              | 215.6                                 |
| 8.125              | 217.1                                 |
| 8.275              | 220.0                                 |
| 8.425              | 221.4                                 |
| 8.575              | 231.5                                 |

#### Test plots

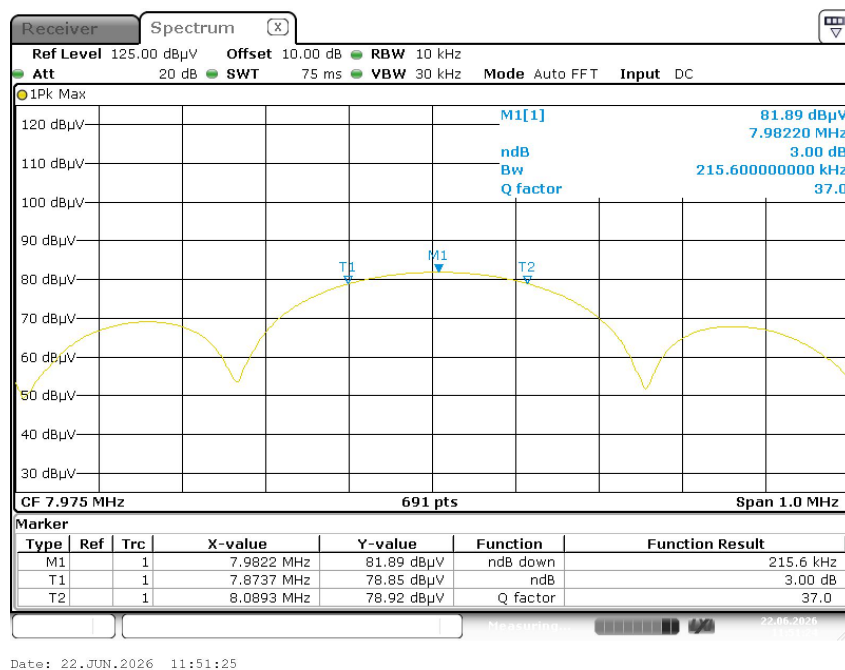
##### Emission Bandwidth - 7.825MHz



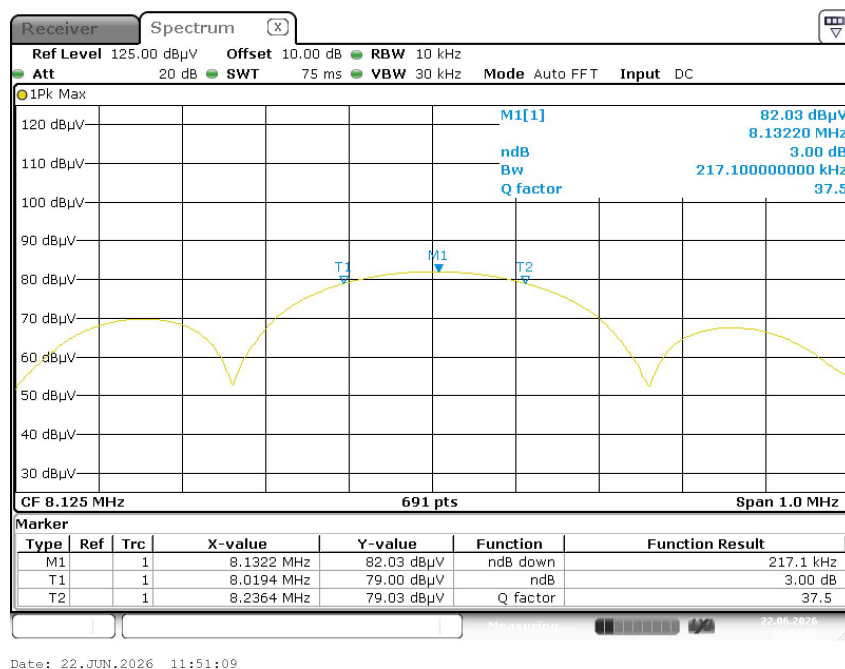
Date: 22.JUN.2026 11:49:56

Test plots

## Emission Bandwidth - 7.975MHz

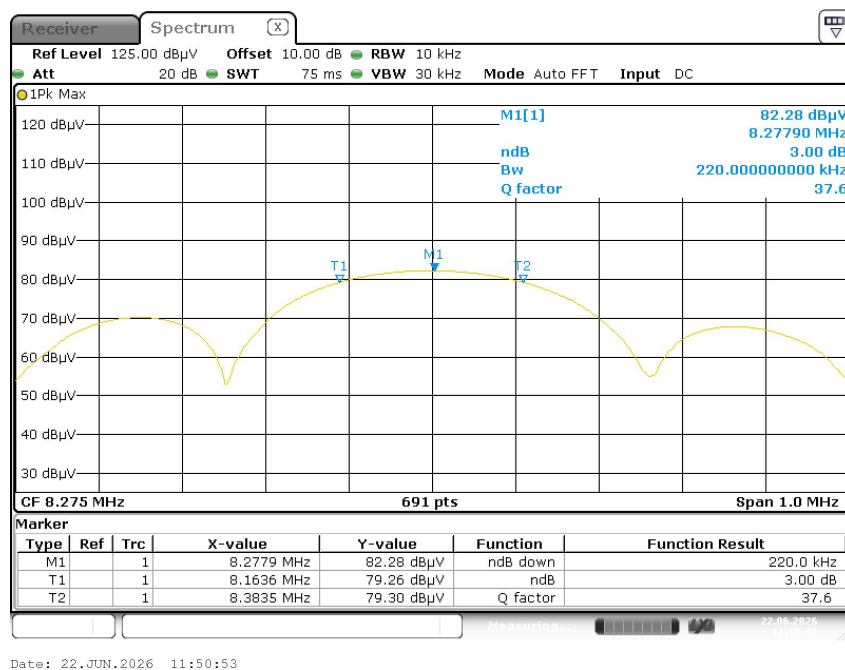
Test plots

## Emission Bandwidth - 8.125MHz

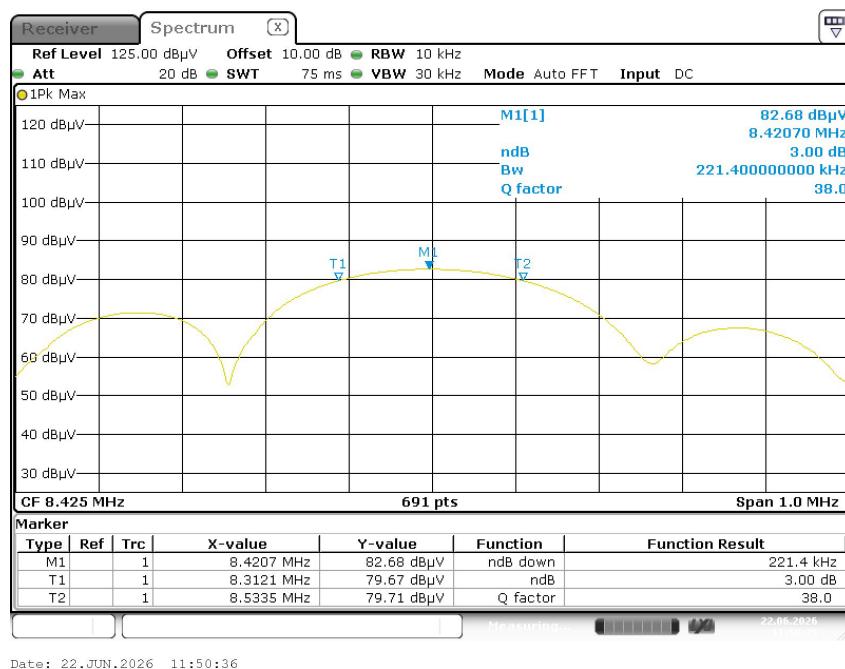


Test plots

## Emission Bandwidth - 8.275MHz

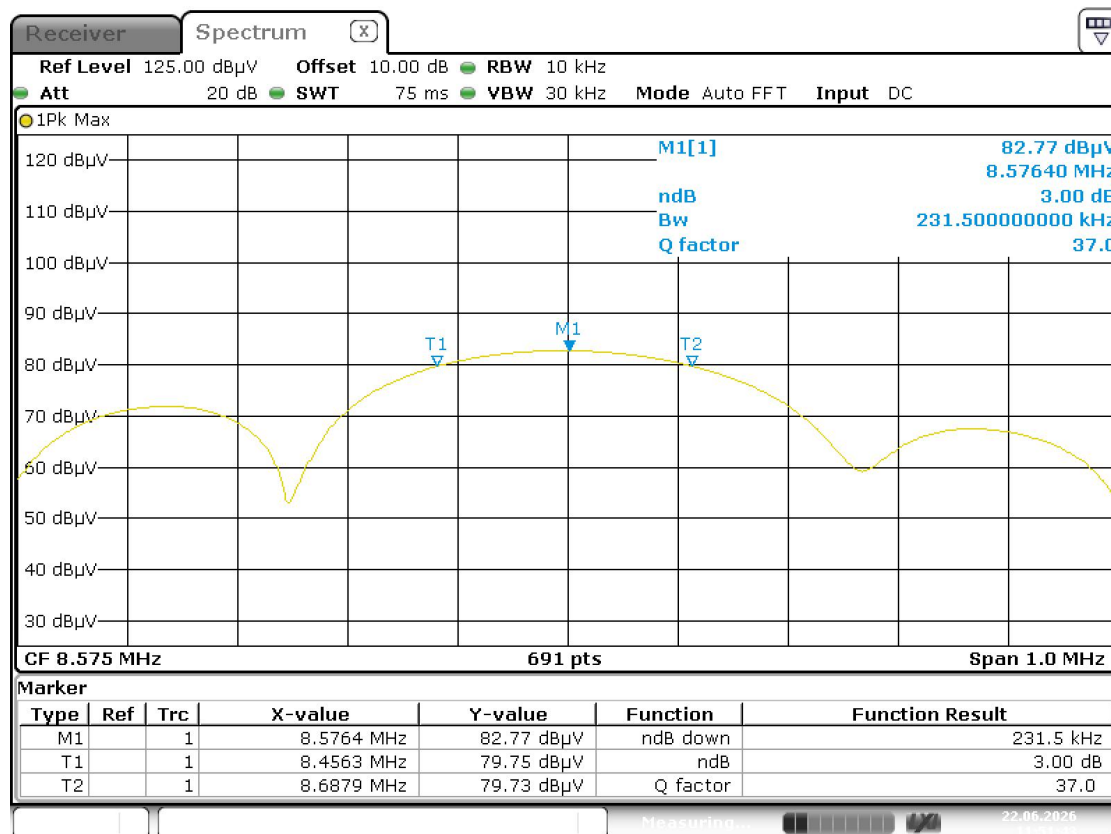
Test plots

## Emission Bandwidth - 8.425MHz



## Test plots

## Emission Bandwidth - 8.575MHz



Date: 22.JUN.2026 11:51:44

| Equipment Information |              |            |               |            |            |     |
|-----------------------|--------------|------------|---------------|------------|------------|-----|
| Description           | Manufacturer | Model      | Equipment No. | Cal. Date  | Cal. Due   | Use |
| EMI Receiver          | KEYSIGHT     | N9038A     | BH-EMC-L127   | 2026.02.05 | 2027.02.04 | ☑   |
| Test Antenna-Loop     | SCHWARZBECK  | FMZB 1519B | BH-EMC-L067   | 2024.03.11 | 2027.03.10 | ☑   |
| Anechoic Chamber      | YiHeng       | 9m*6m*6m   | BH-EMC-L001   | 2024.04.18 | 2027.04.17 | ☑   |

## A.2 Field Strength of Fundamental Emissions

|               |                    |              |              |
|---------------|--------------------|--------------|--------------|
| Sample No.    | CC26060134-001-S04 | Temperature  | 22.1°C       |
| Humidity      | 51%RH              | Test Voltage | AC 110V/60Hz |
| Test Engineer | Zhang Dengzhe      | Test Date    | 2026.06.30   |

### Duty cycle

|              |                  |                |                        |
|--------------|------------------|----------------|------------------------|
| On Time (ms) | On+Off time (ms) | Duty Cycle (%) | Correction Factor (dB) |
| 9.022        | 15.978           | 56.47          | -4.96                  |

### Test Data

| Field Strength of Fundamental Emissions Value |          |                         |                         |                                  |             |
|-----------------------------------------------|----------|-------------------------|-------------------------|----------------------------------|-------------|
| Frequency (MHz)                               | Detector | Field Strength (dBμV/m) | PEAK Limit @3m (dBμV/m) | Antenna Orientation / Height (m) | Margin (dB) |
| 8.125                                         | PEAK     | 62.12                   | 100                     | Perpendicular / 1.00             | 37.88       |
| 8.125                                         | PEAK     | 57.15                   | 100                     | Parallel / 1.00                  | 42.85       |
| 8.125                                         | PEAK     | 56.62                   | 100                     | Parallel to Ground / 1.00        | 43.38       |

| Field Strength of Fundamental Emissions Value (converted to average via Duty Cycle correction) |          |                         |                              |                            |                                  |             |
|------------------------------------------------------------------------------------------------|----------|-------------------------|------------------------------|----------------------------|----------------------------------|-------------|
| Frequency (MHz)                                                                                | Detector | Field Strength (dBμV/m) | Duty Cycle Correction Factor | Average Limit @3m (dBμV/m) | Antenna Orientation / Height (m) | Margin (dB) |
| 8.125                                                                                          | PEAK     | 62.12                   | -4.96                        | 80                         | Perpendicular / 1.00             | 22.84       |
| 8.125                                                                                          | PEAK     | 57.15                   | -4.96                        | 80                         | Parallel / 1.00                  | 27.81       |
| 8.125                                                                                          | PEAK     | 56.62                   | -4.96                        | 80                         | Parallel to Ground / 1.00        | 28.34       |

| Equipment Information |              |            |               |            |            |                                     |
|-----------------------|--------------|------------|---------------|------------|------------|-------------------------------------|
| Description           | Manufacturer | Model      | Equipment No. | Cal. Date  | Cal. Due   | Use                                 |
| EMI Receiver          | KEYSIGHT     | N9038A     | BH-EMC-L127   | 2026.02.05 | 2027.02.04 | <input checked="" type="checkbox"/> |
| Test Antenna-Loop     | SCHWARZBECK  | FMZB 1519B | BH-EMC-L067   | 2024.03.11 | 2027.03.10 | <input checked="" type="checkbox"/> |
| Anechoic Chamber      | YiHeng       | 9m*6m*6m   | BH-EMC-L001   | 2024.04.18 | 2027.04.17 | <input checked="" type="checkbox"/> |

## A.3 Radiated Emissions

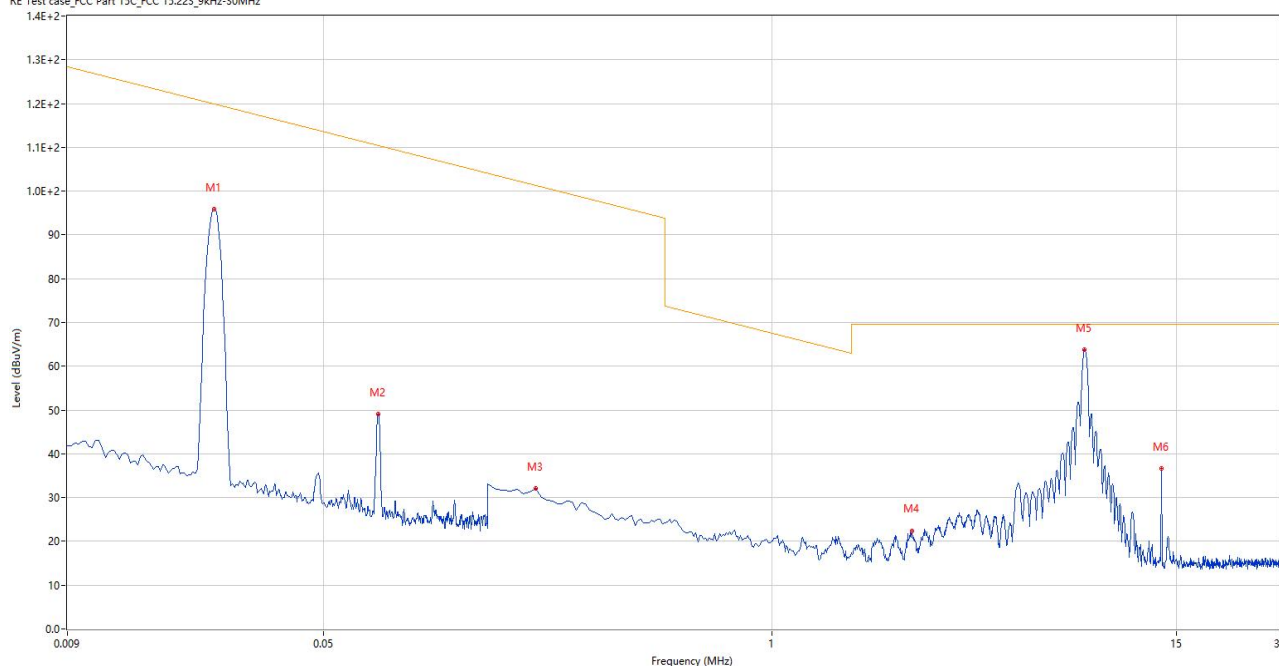
Note 1: This frequency which near 8.125 MHz with circle should be ignored because they are carrier frequency.

|               |                    |              |              |
|---------------|--------------------|--------------|--------------|
| Sample No.    | CC26060134-001-S04 | Temperature  | 22.1°C       |
| Humidity      | 49%RH              | Test Voltage | AC 110V/60Hz |
| Test Engineer | Zhang Dengzhe      | Test Date    | 2026.06.30   |

The Data and Plots (9 kHz ~ 30 MHz)(at 3m chamber)

Below 30 MHz, Test Antenna LOOP

RE Test case FCC Part 15C FCC 15.223\_9kHz-30MHz

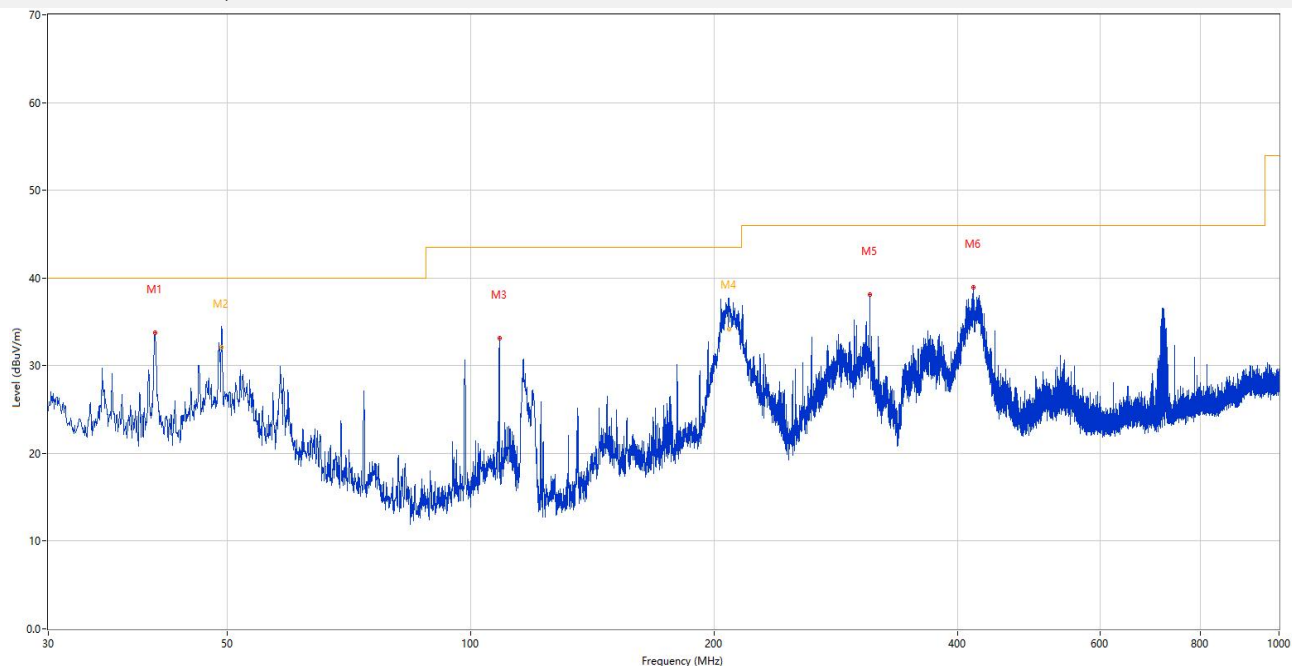


| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 0.024           | 95.80            | 0.08        | 120.0          | 24.20       | Peak     | 260.00         | 100         | Vertical | Pass    |
| 2   | 0.072           | 49.08            | 0.10        | 110.5          | 61.42       | Peak     | 260.00         | 100         | Vertical | Pass    |
| 3   | 0.207           | 32.02            | 0.12        | 101.3          | 69.28       | Peak     | 263.00         | 100         | Vertical | Pass    |
| 4   | 2.559           | 22.37            | 0.28        | 69.5           | 47.13       | Peak     | 98.00          | 100         | Vertical | Pass    |
| 5   | 8.125           | 63.84            | 0.47        | 69.5           | 5.66        | Peak     | 80.00          | 100         | Vertical | N/A     |
| 6   | 13.542          | 36.69            | 0.62        | 69.5           | 32.81       | Peak     | 80.00          | 100         | Vertical | Pass    |

| Equipment Information |              |            |              |            |            |                                     |
|-----------------------|--------------|------------|--------------|------------|------------|-------------------------------------|
| Description           | Manufacturer | Model      | Equipment No | Cal. Date  | Cal. Due   | Use                                 |
| EMI Receiver          | KEYSIGHT     | N9038A     | BH-EMC-L127  | 2026.02.05 | 2027.02.04 | <input checked="" type="checkbox"/> |
| Test Antenna-Loop     | SCHWARZBECK  | FMZB 1519B | BH-EMC-L067  | 2024.03.11 | 2027.03.10 | <input checked="" type="checkbox"/> |
| Anechoic Chamber      | YiHeng       | 9m*6m*6m   | BH-EMC-L001  | 2024.04.18 | 2027.04.17 | <input checked="" type="checkbox"/> |
| Description           | Manufacturer | Name       | Version      | /          |            | Use                                 |
| Test Software         | BALUN        | BL410-E    | V21.919      | /          |            | <input checked="" type="checkbox"/> |

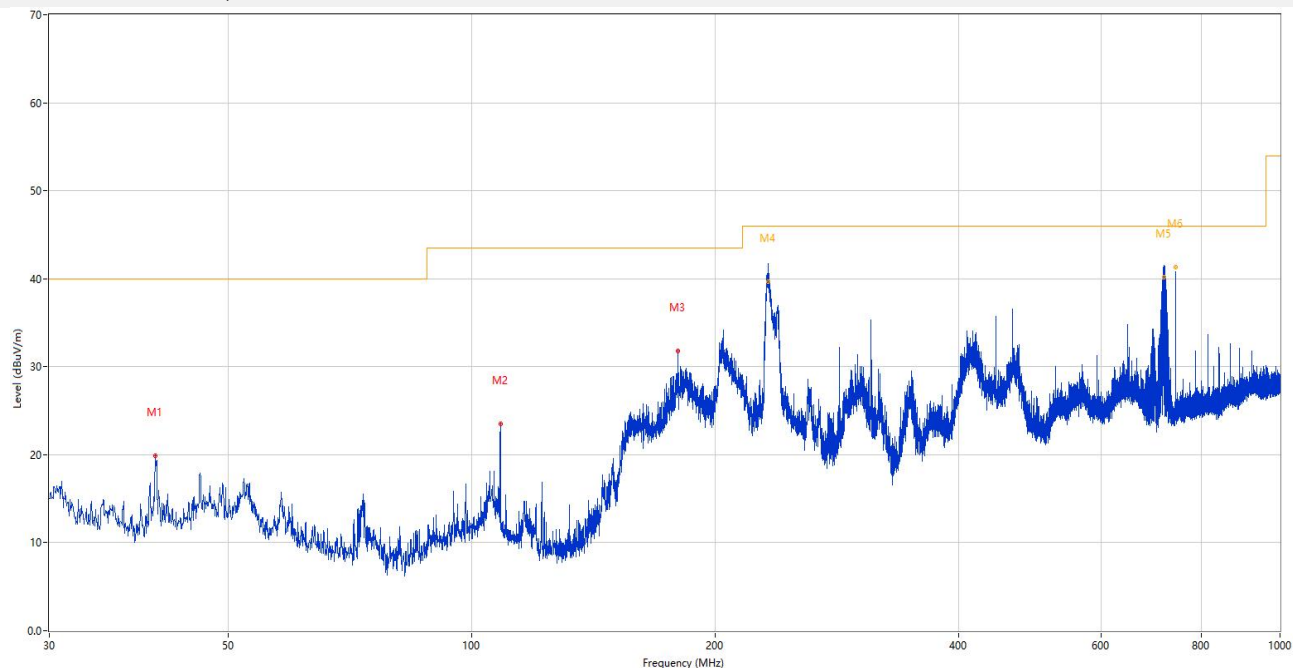
## Test Data and Plots (30 MHz ~ 10th Harmonic)

### 30 MHz to 1 GHz, Test Antenna Vertical



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 40.670          | 33.73            | -27.00      | 40.0           | 6.27        | Peak     | 189.00         | 100         | Vertical | Pass    |
| 2   | 49.145          | 33.68            | -25.71      | 40.0           | 6.32        | Peak     | 71.00          | 117         | Vertical | Pass    |
| 2*  | 49.145          | 32.14            | -25.71      | 40.0           | 7.86        | QP       | 71.00          | 117         | Vertical | Pass    |
| 3   | 108.473         | 33.09            | -27.24      | 43.5           | 10.41       | Peak     | 151.00         | 100         | Vertical | Pass    |
| 4   | 208.771         | 37.16            | -27.12      | 43.5           | 6.34        | Peak     | 71.00          | 104         | Vertical | Pass    |
| 4*  | 208.771         | 34.12            | -27.12      | 43.5           | 9.38        | QP       | 71.00          | 104         | Vertical | Pass    |
| 5   | 311.930         | 38.09            | -23.63      | 46.0           | 7.91        | Peak     | 19.00          | 100         | Vertical | Pass    |
| 6   | 418.291         | 38.90            | -20.35      | 46.0           | 7.10        | Peak     | 52.00          | 100         | Vertical | Pass    |

## 30 MHz to 1 GHz, Test Antenna Horizontal



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 40.621          | 19.86            | -27.01      | 40.0           | 20.14       | Peak     | 355.00         | 100         | Horizontal | Pass    |
| 2   | 108.473         | 23.51            | -27.24      | 43.5           | 19.99       | Peak     | 220.00         | 200         | Horizontal | Pass    |
| 3   | 179.962         | 31.75            | -28.54      | 43.5           | 11.75       | Peak     | 100.00         | 100         | Horizontal | Pass    |
| 4   | 232.867         | 41.96            | -25.77      | 46.0           | 4.04        | Peak     | 86.00          | 101         | Horizontal | N/A     |
| 4*  | 232.867         | 39.71            | -25.77      | 46.0           | 6.29        | QP       | 86.00          | 101         | Horizontal | Pass    |
| 5   | 718.818         | 42.87            | -14.19      | 46.0           | 3.13        | Peak     | 316.00         | 100         | Horizontal | N/A     |
| 5*  | 718.818         | 40.17            | -14.19      | 46.0           | 5.83        | QP       | 316.00         | 100         | Horizontal | Pass    |
| 6   | 742.474         | 41.82            | -12.86      | 46.0           | 4.18        | Peak     | 226.00         | 101         | Horizontal | N/A     |
| 6*  | 742.474         | 41.27            | -12.86      | 46.0           | 4.73        | QP       | 226.00         | 101         | Horizontal | Pass    |

| Radiated Emissions  |              |           |             |            |            |                                     |
|---------------------|--------------|-----------|-------------|------------|------------|-------------------------------------|
| Description         | Manufacturer | Model     | Serial No.  | Cal. Date  | Cal. Due   | Use                                 |
| EMI Receiver        | KEYSIGHT     | N9038A    | BH-EMC-L127 | 2026.02.05 | 2027.02.04 | <input checked="" type="checkbox"/> |
| Test Antenna-Bi-Log | SCHWARZBECK  | VULB 9163 | BH-EMC-L132 | 2024.03.11 | 2027.03.10 | <input checked="" type="checkbox"/> |
| Anechoic Chamber    | YiHeng       | 9m*6m*6m  | BH-EMC-L001 | 2024.04.18 | 2027.04.17 | <input checked="" type="checkbox"/> |
| Description         | Manufacturer | Name      |             | Version    |            | Use                                 |
| Test Software       | BALUN        | BL410-E   |             | V21.919    |            | <input checked="" type="checkbox"/> |

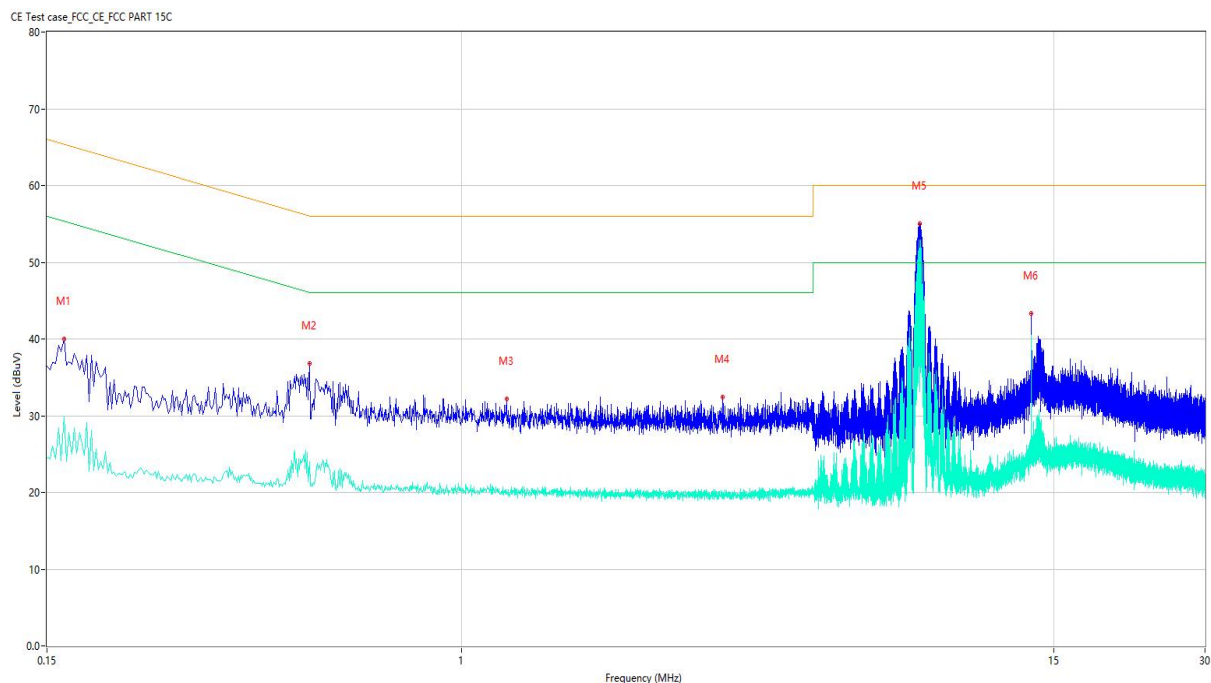
## A.4 Conducted Emissions

Note 1: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 110 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 110 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (110 VAC, 60 Hz ) shown here.

|               |                    |              |              |
|---------------|--------------------|--------------|--------------|
| Sample No.    | CC26060134-001-S04 | Temperature  | 20.7°C       |
| Humidity      | 50%RH              | Test Voltage | AC 110V/60Hz |
| Test Engineer | Wu Dejun           | Test Date    | 2026.06.22   |

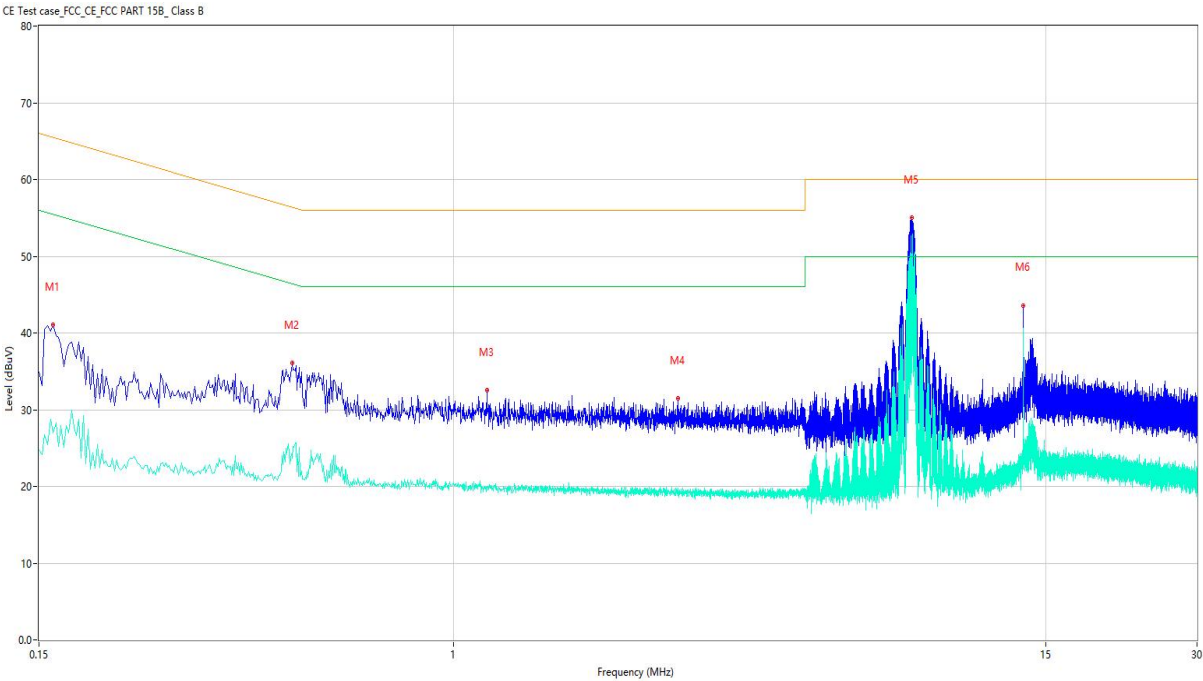
## Test Data and Plots

## PHASE L



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|------|---------|
| 1   | 0.162           | 39.96          | 10.21       | 65.36        | 25.40       | Peak     | L    | Pass    |
| 1** | 0.162           | 29.88          | 10.21       | 55.36        | 25.48       | AV       | L    | Pass    |
| 2   | 0.498           | 36.81          | 10.24       | 56.03        | 19.22       | Peak     | L    | Pass    |
| 2** | 0.498           | 23.97          | 10.24       | 46.03        | 22.06       | AV       | L    | Pass    |
| 3   | 1.228           | 32.18          | 10.28       | 56.00        | 23.82       | Peak     | L    | Pass    |
| 3** | 1.228           | 19.96          | 10.28       | 46.00        | 26.04       | AV       | L    | Pass    |
| 4   | 3.304           | 32.42          | 10.32       | 56.00        | 23.58       | Peak     | L    | Pass    |
| 4** | 3.304           | 19.65          | 10.32       | 46.00        | 26.35       | AV       | L    | Pass    |
| 5   | 8.146           | 55.02          | 10.43       | 60.00        | 4.98        | Peak     | L    | N/A     |
| 5** | 8.146           | 46.72          | 10.43       | 50.00        | 3.28        | AV       | L    | N/A     |
| 6   | 13.560          | 43.28          | 10.71       | 60.00        | 16.72       | Peak     | L    | N/A     |
| 6** | 13.560          | 40.50          | 10.71       | 50.00        | 9.50        | AV       | L    | N/A     |

# PHASE N



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|------|---------|
| 1   | 0.160           | 41.08          | 10.21       | 65.46        | 24.38       | Peak     | N    | Pass    |
| 1** | 0.160           | 27.03          | 10.21       | 55.46        | 28.43       | AV       | N    | Pass    |
| 2   | 0.478           | 36.07          | 10.13       | 56.37        | 20.30       | Peak     | N    | Pass    |
| 2** | 0.478           | 23.64          | 10.13       | 46.37        | 22.73       | AV       | N    | Pass    |
| 3   | 1.164           | 32.56          | 10.14       | 56.00        | 23.44       | Peak     | N    | Pass    |
| 3** | 1.164           | 19.98          | 10.14       | 46.00        | 26.02       | AV       | N    | Pass    |
| 4   | 2.796           | 31.43          | 10.17       | 56.00        | 24.57       | Peak     | N    | Pass    |
| 4** | 2.796           | 19.30          | 10.17       | 46.00        | 26.70       | AV       | N    | Pass    |
| 5   | 8.136           | 55.02          | 10.27       | 60.00        | 4.98        | Peak     | N    | N/A     |
| 5** | 8.136           | 43.67          | 10.27       | 50.00        | 6.33        | AV       | N    | N/A     |
| 6   | 13.560          | 43.58          | 10.55       | 60.00        | 16.42       | Peak     | N    | N/A     |
| 6** | 13.560          | 40.59          | 10.55       | 50.00        | 9.41        | AV       | N    | N/A     |

| Equipment Information |              |             |               |            |            |                                     |
|-----------------------|--------------|-------------|---------------|------------|------------|-------------------------------------|
| Description           | Manufacturer | Model       | Equipment No. | Cal. Date  | Cal. Due   | Use                                 |
| EMI Receiver          | KEYSIGHT     | N9038A      | TJEMC144      | 2026.02.04 | 2027.02.03 | <input checked="" type="checkbox"/> |
| LISN                  | SCHWARZBECK  | NSLK 8127   | BH-EMC-L011   | 2026.02.04 | 2027.02.03 | <input checked="" type="checkbox"/> |
| 10dB Limiter          | SCHWARZBECK  | VTSD 9561-F | BH-EMC-L014   | 2026.02.04 | 2027.02.03 | <input checked="" type="checkbox"/> |
| Shielded Room         | YiHeng       | 5m*4m*3.2m  | BH-EMC-L006   | 2024.02.22 | 2027.02.21 | <input checked="" type="checkbox"/> |
| Description           | Manufacturer | Name        |               | Version    |            | Use                                 |
| Test Software         | BALUN        | BL410-E     |               | V19.618    |            | <input checked="" type="checkbox"/> |

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “Ti-CC26060336-AE-1.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “Ti-CC26060336-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “Ti-CC26060336-AI.PDF”.

## Statement

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--END OF REPORT--