



## EMC TEST REPORT

For

**SHENZHEN GAGO ELECTRONICS CO.,LTD**

**Smart Surveillance Power Box**

**Test Model: GG-DD3-VBWA-420S**

Prepared for : SHENZHEN GAGO ELECTRONICS CO.,LTD  
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Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.  
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Date of receipt of test sample : October 13, 2025  
Number of tested samples : 1  
Serial number : Prototype  
Date of Test : October 13, 2025-October 13, 2025  
Date of Report : October 21, 2025





### TEST REPORT

|                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Report No.</b> .....                                                                                                                                                                                                                                                                                                                                                                                                                        | : <b>LCSEA09155154E</b>                                                                                                                                                                                          |
| <b>Date of Issue</b> .....                                                                                                                                                                                                                                                                                                                                                                                                                     | : October 21, 2025                                                                                                                                                                                               |
| <b>Testing Laboratory Name</b> .....                                                                                                                                                                                                                                                                                                                                                                                                           | : <b>Shenzhen LCS Compliance Testing Laboratory Ltd.</b>                                                                                                                                                         |
| <b>Address</b> .....                                                                                                                                                                                                                                                                                                                                                                                                                           | : Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China                                                          |
| <b>Testing Location/ Procedure</b> .....                                                                                                                                                                                                                                                                                                                                                                                                       | : Full application of Harmonised standards <input checked="" type="checkbox"/><br>Partial application of Harmonised standards <input type="checkbox"/><br>Other standard testing method <input type="checkbox"/> |
| <b>Applicant's Name</b> .....                                                                                                                                                                                                                                                                                                                                                                                                                  | : <b>SHENZHEN GAGO ELECTRONICS CO.,LTD</b>                                                                                                                                                                       |
| <b>Address</b> .....                                                                                                                                                                                                                                                                                                                                                                                                                           | : Room 301, 1st Building, Geya Technology Park,Matian Street, Guangming District, Shenzhen 518107                                                                                                                |
| <b>Test Specification</b>                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                  |
| <b>Standard</b> .....                                                                                                                                                                                                                                                                                                                                                                                                                          | : FCC Rules and Regulations Part 15 Subpart B<br>ANSI C63.4:2014<br>ANSI C63.4a-2017                                                                                                                             |
| <b>Test Report Form No</b> .....                                                                                                                                                                                                                                                                                                                                                                                                               | : TRF-4-E-010 A/0                                                                                                                                                                                                |
| <b>TRF Originator</b> .....                                                                                                                                                                                                                                                                                                                                                                                                                    | : Shenzhen LCS Compliance Testing Laboratory Ltd.                                                                                                                                                                |
| <b>Master TRF</b> .....                                                                                                                                                                                                                                                                                                                                                                                                                        | : Dated 2011-03                                                                                                                                                                                                  |
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| <b>Test Item Description</b> .....                                                                                                                                                                                                                                                                                                                                                                                                             | : <b>Smart Surveillance Power Box</b>                                                                                                                                                                            |
| <b>Trade Mark</b> .....                                                                                                                                                                                                                                                                                                                                                                                                                        | : /                                                                                                                                                                                                              |
| <b>Test Model</b> .....                                                                                                                                                                                                                                                                                                                                                                                                                        | : GG-DD3-VBWA-420S                                                                                                                                                                                               |
| <b>Result</b> .....                                                                                                                                                                                                                                                                                                                                                                                                                            | : <b>Pass</b>                                                                                                                                                                                                    |

**Compiled by:**

**Supervised by:**

**Approved by:**

Rayer peng / File Administrator

Jelly Li / Technique principal

Gavin Liang / Manager





# TEST REPORT

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| <b>Test Report No.:</b> LC-SA09155154E | <u>October 21, 2025</u><br>Date of issue |
|----------------------------------------|------------------------------------------|

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| <b>Test Model</b> .....   | : <b>GG-DD3-VBWA-420S</b>                                                                         |
| <b>EUT</b> .....          | : Smart Surveillance Power Box                                                                    |
| <b>Applicant</b> .....    | : <b>SHENZHEN GAGO ELECTRONICS CO.,LTD</b>                                                        |
| <b>Address</b> .....      | : Room 301, 1st Building, Geya Technology Park,Matian Street, Guangming District, Shenzhen 518107 |
| <b>Telephone</b> .....    | : /                                                                                               |
| <b>Fax</b> .....          | : /                                                                                               |
| <b>Manufacturer</b> ..... | : <b>SHENZHEN GAGO ELECTRONICS CO.,LTD</b>                                                        |
| <b>Address</b> .....      | : Room 301, 1st Building, Geya Technology Park,Matian Street, Guangming District, Shenzhen 518107 |
| <b>Telephone</b> .....    | : /                                                                                               |
| <b>Fax</b> .....          | : /                                                                                               |
| <b>Factory</b> .....      | : <b>SHENZHEN GAGO ELECTRONICS CO.,LTD</b>                                                        |
| <b>Address</b> .....      | : Room 301, 1st Building, Geya Technology Park,Matian Street, Guangming District, Shenzhen 518107 |
| <b>Telephone</b> .....    | : /                                                                                               |
| <b>Fax</b> .....          | : /                                                                                               |

|                    |             |
|--------------------|-------------|
| <b>Test Result</b> | <b>Pass</b> |
|--------------------|-------------|

The test report merely corresponds to the test sample.  
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.





# Revision History

| Report Version | Issue Date       | Revision Content | Revised By |
|----------------|------------------|------------------|------------|
| 000            | October 21, 2025 | Initial Issue    | /          |
|                |                  |                  |            |
|                |                  |                  |            |





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# 1. SUMMARY OF STANDARDS AND RESULTS

## 1.1 Description of Standards and Results

| Description of Test Item            | Standard                                                     | Result | Memo |
|-------------------------------------|--------------------------------------------------------------|--------|------|
| AC Power Port Conducted Emission    | FCC Rules and Regulations Part 15 Subpart B,ANSI C63.4a-2017 | PASS   | /    |
| Radiated Emissions Test(30-1000MHz) | FCC Rules and Regulations Part 15 Subpart B,ANSI C63.4a-2017 | PASS   | /    |





### 1.2 Description of Test Modes

| No     | Title                             | Description |
|--------|-----------------------------------|-------------|
| Mode 1 | AC Charging+Working(AC 120V/60Hz) | /           |
| Mode 2 | Working(DC 24V)                   | /           |





## 2. GENERAL INFORMATION

### 2.1 Description of Device (EUT)

|                             |                                |
|-----------------------------|--------------------------------|
| EUT                         | : Smart Surveillance Power Box |
| Test Model                  | : GG-DD3-VBWA-420S             |
| Power Supply                | : AC 110V-277V                 |
| Highest Internal Frequency  | : ≤108MHz                      |
| Classification of Equipment | : Class B                      |

### 2.2 Support equipment List

| Equipment | Manufacturer | Model | Serial Number | Description |
|-----------|--------------|-------|---------------|-------------|
| /         | /            | /     | /             | /           |

### 2.3 Description of Test Facility

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 – 4 “Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements” and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

NVLAP Accreditation Code is 600167-0.

FCC Designation Number is CN5024.

CAB identifier is CN0071.

CNAS Registration Number is L4595.

### 2.4 Measurement Uncertainty

| Test Item                                                                                                                                     | Measurement Uncertainty |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Conducted Emission (150kHz to 30MHz)                                                                                                          | ± 2.35 dB               |
| Radiated Emission (30MHz to 1000MHz)                                                                                                          | ± 3.48 dB               |
| Radiated Emission (above 1000MHz)                                                                                                             | ± 3.90 dB               |
| Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2. |                         |





### 3. MEASURING DEVICES AND TEST EQUIPMENT

| AC Power Port Conducted Emission |              |          |            |            |
|----------------------------------|--------------|----------|------------|------------|
| Equipment                        | Manufacturer | Model No | Serial No. | Due Date   |
| EMI Test Receiver                | R&S          | ESR3     | 102312     | 2026-03-05 |
| Artificial Mains                 | R&S          | ENV216   | 101288     | 2026-05-22 |
| Pulse Limiter                    | R&S          | ESH3-Z2  | 102750-NB  | 2026-05-22 |
| EMI Test Software                | Farad        | EZ       | /          | /          |

| Radiated Emissions Test(30-1000MHz) |              |          |            |            |
|-------------------------------------|--------------|----------|------------|------------|
| Equipment                           | Manufacturer | Model No | Serial No. | Due Date   |
| EMI Test Software                   | Farad        | EZ       | /          | /          |
| EMI Test Software                   | AUDIX        | E3       | /          | /          |
| By-log Antenna                      | SchwarzBECK  | VULB9163 | 01565      | 2027-07-12 |
| Horn Antenna                        | ETS          | 3115     | EABF-018   | 2027-07-19 |
| EMI Test Receiver                   | R&S          | ESR3     | 102311     | 2026-05-22 |
| Broadband Preamplifier              | /            | BBV9745  | 00317      | 2025-11-07 |
| EMI Test Receiver                   | R&S          | ESCI7    | 101173     | 2026-10-10 |
| By-log Antenna                      | SchwarzBECK  | VULB9163 | 01143      | 2027-07-19 |





## 4. EMISSION TEST RESULTS (EMI)

### 4.1 AC Power Port Conducted Emission

#### 4.1.1 Limits

| Class A         |                               |                            |
|-----------------|-------------------------------|----------------------------|
| Frequency       | Quasi-Peak Level dB( $\mu$ V) | Average Level dB( $\mu$ V) |
| 150 kHz~500 kHz | 79                            | 66                         |
| 500 kHz~30 MHz  | 73                            | 60                         |
| Class B         |                               |                            |
| Frequency       | Quasi-Peak Level dB( $\mu$ V) | Average Level dB( $\mu$ V) |
| 150 kHz~500 kHz | 66 ~ 56*                      | 56 ~ 46*                   |
| 500 kHz~5 MHz   | 56                            | 46                         |
| 5 MHz~30 MHz    | 60                            | 50                         |

Notes:

- \* Decreasing linearly with logarithm of frequency.
- The lower limit shall apply at the transition frequencies.

#### 4.1.2 Test procedure

The EUT and Support equipment placement requires reference to the test block diagram and is placed on a non-metallic table.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

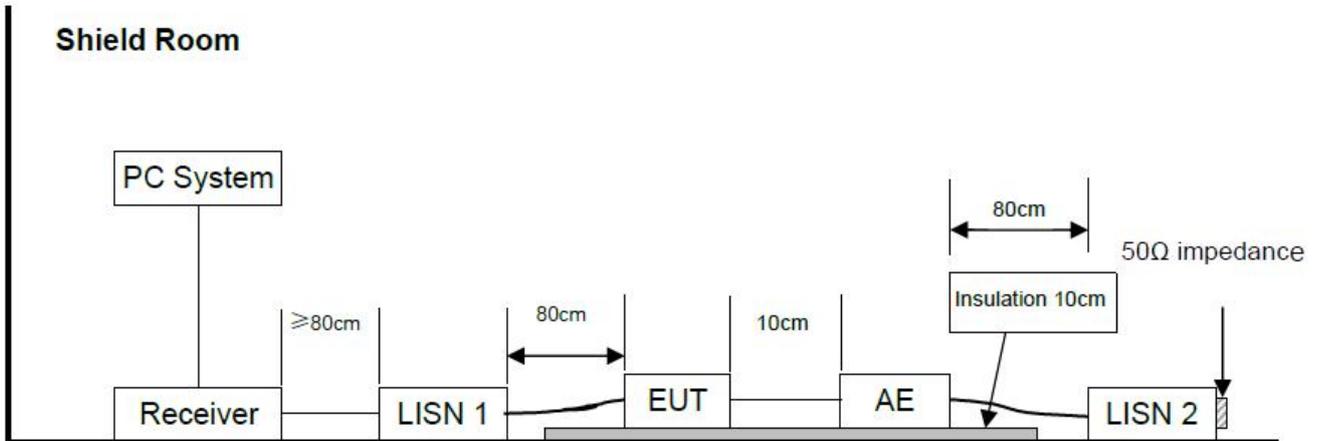
The bandwidth of test receiver is set at 9 kHz.



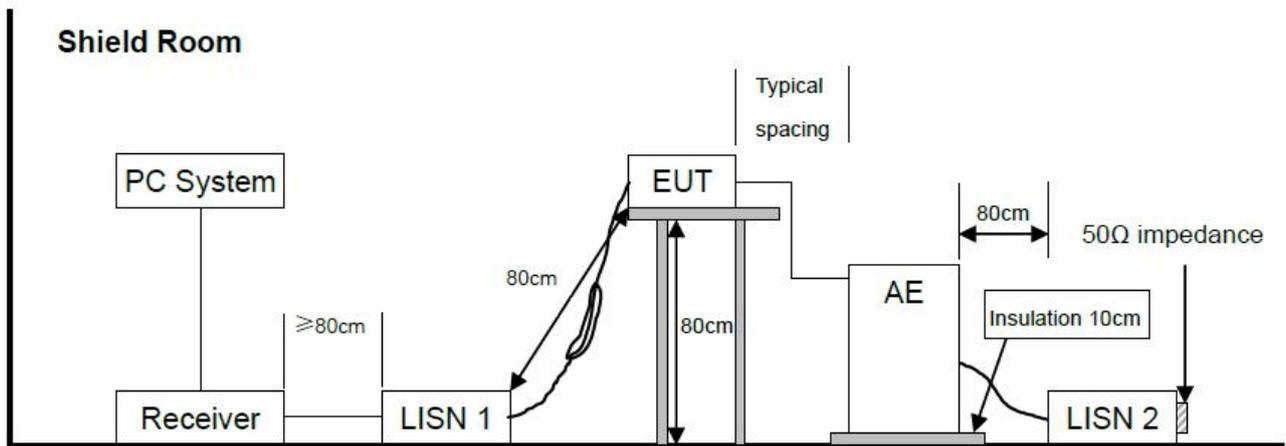


### 4.1.3 Test Setup Diagram

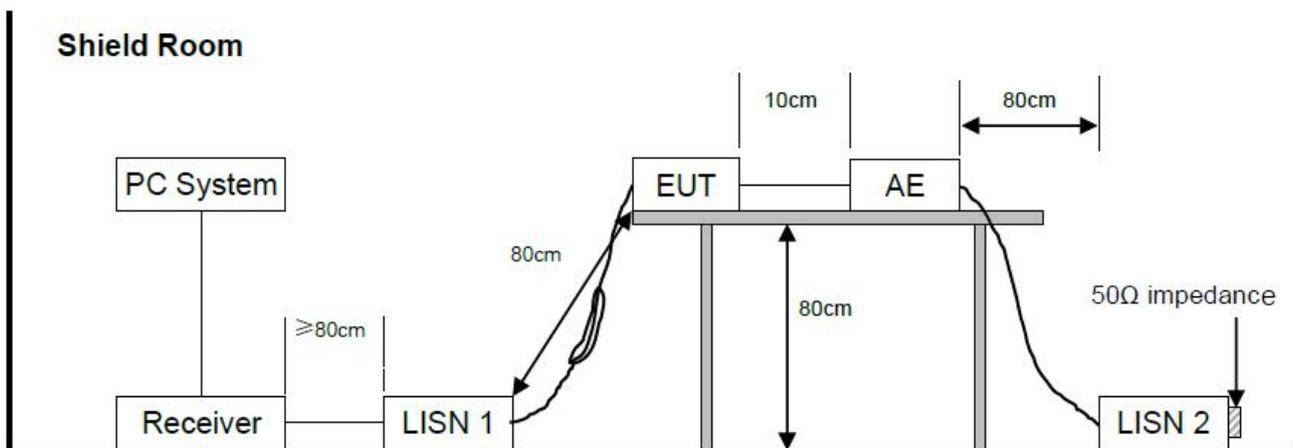
For floor standing equipment



For combinations equipment



For table-top equipment





#### 4.1.4 E.U.T. Operation

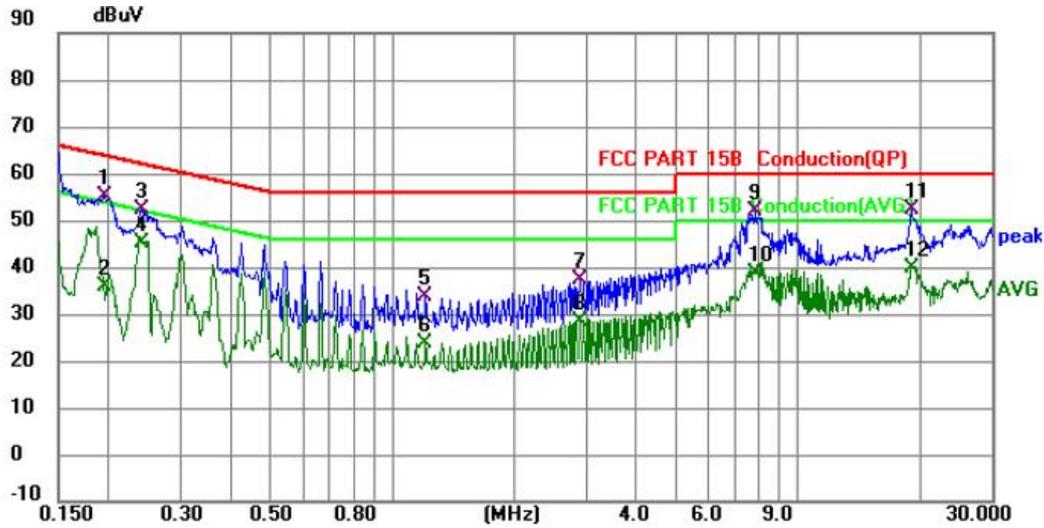
|                        |                     |           |              |
|------------------------|---------------------|-----------|--------------|
| Operating Environment: |                     |           |              |
| Temperature:           | 22.7° C             | Humidity: | 53.7%RH      |
| Test Engineer          | Rayer peng          |           |              |
| Mode 1                 | AC Charging+Working | Voltage   | AC 120V/60Hz |





### 4.1.5 Test data

Mode 1 / Line: Line

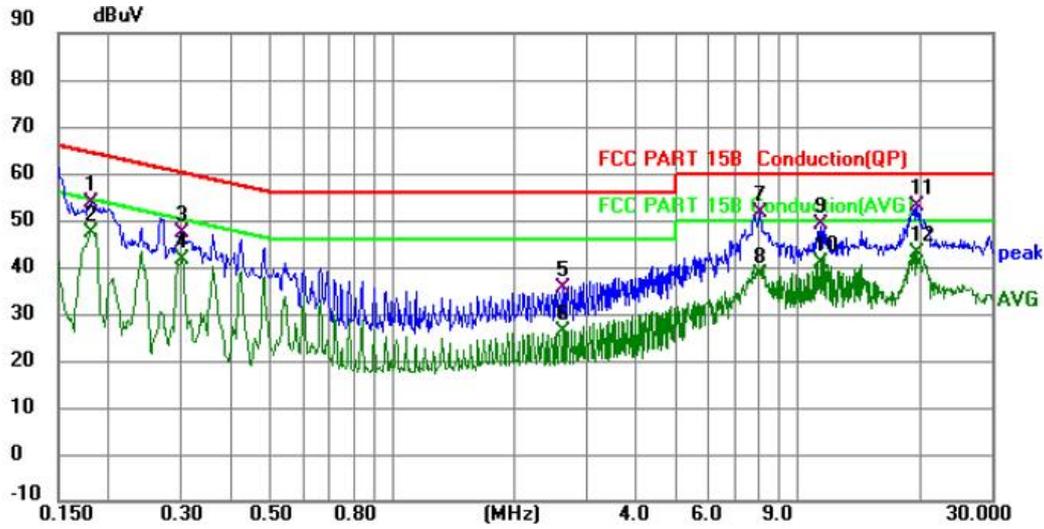


| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV | Limit dBuV | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|------------------|------------|-----------|----------|---------|
| 1       | 0.1943    | 34.93              | 20.34             | 55.27            | 63.85      | -8.58     | QP       |         |
| 2       | 0.1943    | 15.65              | 20.34             | 35.99            | 53.85      | -17.86    | AVG      |         |
| 3       | 0.2416    | 31.94              | 20.35             | 52.29            | 62.04      | -9.75     | QP       |         |
| 4 *     | 0.2416    | 24.78              | 20.35             | 45.13            | 52.04      | -6.91     | AVG      |         |
| 5       | 1.2075    | 13.39              | 20.48             | 33.87            | 56.00      | -22.13    | QP       |         |
| 6       | 1.2075    | 3.31               | 20.48             | 23.79            | 46.00      | -22.21    | AVG      |         |
| 7       | 2.9040    | 16.75              | 20.53             | 37.28            | 56.00      | -18.72    | QP       |         |
| 8       | 2.9040    | 8.01               | 20.53             | 28.54            | 46.00      | -17.46    | AVG      |         |
| 9       | 7.8360    | 31.33              | 20.61             | 51.94            | 60.00      | -8.06     | QP       |         |
| 10      | 7.8360    | 17.98              | 20.61             | 38.59            | 50.00      | -11.41    | AVG      |         |
| 11      | 19.1082   | 31.42              | 20.93             | 52.35            | 60.00      | -7.65     | QP       |         |
| 12      | 19.1082   | 18.84              | 20.93             | 39.77            | 50.00      | -10.23    | AVG      |         |





Mode 1 / Line: Neutral



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1   |     | 0.1814       | 33.51                    | 20.33                   | 53.84                    | 64.42         | -10.58       | QP       |         |
| 2   |     | 0.1814       | 27.09                    | 20.33                   | 47.42                    | 54.42         | -7.00        | AVG      |         |
| 3   |     | 0.3030       | 27.02                    | 20.35                   | 47.37                    | 60.16         | -12.79       | QP       |         |
| 4   |     | 0.3030       | 21.34                    | 20.35                   | 41.69                    | 50.16         | -8.47        | AVG      |         |
| 5   |     | 2.6474       | 14.96                    | 20.48                   | 35.44                    | 56.00         | -20.56       | QP       |         |
| 6   |     | 2.6474       | 5.82                     | 20.48                   | 26.30                    | 46.00         | -19.70       | AVG      |         |
| 7   |     | 8.0250       | 31.08                    | 20.49                   | 51.57                    | 60.00         | -8.43        | QP       |         |
| 8   |     | 8.0250       | 17.83                    | 20.49                   | 38.32                    | 50.00         | -11.68       | AVG      |         |
| 9   |     | 11.3505      | 28.43                    | 20.50                   | 48.93                    | 60.00         | -11.07       | QP       |         |
| 10  |     | 11.3505      | 20.33                    | 20.50                   | 40.83                    | 50.00         | -9.17        | AVG      |         |
| 11  |     | 19.6259      | 31.95                    | 21.00                   | 52.95                    | 60.00         | -7.05        | QP       |         |
| 12  | *   | 19.6259      | 22.05                    | 21.00                   | 43.05                    | 50.00         | -6.95        | AVG      |         |





## 4.2 Radiated Emissions Test(30-1000MHz)

### 4.2.1 Limits

| For FCC Rules and Regulations Part 15 Subpart B limits: |                                                                         |                                                                        |                                                                         |                                                                        |
|---------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------|
| Frequency (MHz)                                         | Class A Field Strengths Limits at 10m measuring distance dB( $\mu$ V)/m | Class A Field Strengths Limits at 3m measuring distance dB( $\mu$ V)/m | Class B Field Strengths Limits at 10m measuring distance dB( $\mu$ V)/m | Class B Field Strengths Limits at 3m measuring distance dB( $\mu$ V)/m |
| 30--88                                                  | 39.0                                                                    | 49.5                                                                   | 29.5                                                                    | 40.0                                                                   |
| 88--216                                                 | 43.5                                                                    | 54.0                                                                   | 33.0                                                                    | 43.5                                                                   |
| 216--960                                                | 46.4                                                                    | 57.0                                                                   | 35.5                                                                    | 46.0                                                                   |
| 960--1000                                               | 49.5                                                                    | 60.0                                                                   | 43.5                                                                    | 54.0                                                                   |
| For ICES-003 Issue 7 limits:                            |                                                                         |                                                                        |                                                                         |                                                                        |
| Frequency (MHz)                                         | Class A Field Strengths Limits at 10m measuring distance dB( $\mu$ V)/m | Class A Field Strengths Limits at 3m measuring distance dB( $\mu$ V)/m | Class B Field Strengths Limits at 10m measuring distance dB( $\mu$ V)/m | Class B Field Strengths Limits at 3m measuring distance dB( $\mu$ V)/m |
| 30--88                                                  | 40.0                                                                    | 50.0                                                                   | 30.0                                                                    | 40.0                                                                   |
| 88--216                                                 | 43.5                                                                    | 54.0                                                                   | 33.1                                                                    | 43.5                                                                   |
| 216--230                                                | 46.4                                                                    | 56.9                                                                   | 35.6                                                                    | 46.0                                                                   |
| 230--960                                                | 47.0                                                                    | 57.0                                                                   | 37.0                                                                    | 47.0                                                                   |
| 960--1000                                               | 49.5                                                                    | 60.0                                                                   | 43.5                                                                    | 54.0                                                                   |

### 4.2.2 Test procedure

#### Procedure of Preliminary Test

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 0.8m (table-top device)/0.1m (floor stand device) above the ground plane.

Configuration EUT to simulate typical usage as described in as shown above block diagram and equipment list of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

Mains cables, telephone lines or other connections to auxiliary equipment located outside the test are shall drape to the floor, be fitted with ferrite clamps or ferrite tubes placed on the floor at the point where the cable reaches the floor and then routed to the place where they leave the turntable. No extension cords shall be used to mains receptacle.

The antenna was placed at 3 meter away from the EUT as stated in ANSI C63.4. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.

The Analyzer / Receiver quickly scanned from 30 MHz to 1 GHz. The EUT test program was started.

Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to





4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

After the preliminary scan, we found the test mode producing the highest emission level. The EUT and cable configuration, antenna position, polarization and turntable position of the above highest emission level were recorded for the final test.

#### **Procedure of Final Test**

EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test.

The Analyzer / Receiver scanned from 30 MHz to 1 GHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level. Recorded at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and only Q.P. reading is presented.

For emissions from 30 MHz to 1 GHz, Quasi-Peak values were measured with EMI Receiver and the bandwidth of Receiver is 120 kHz.

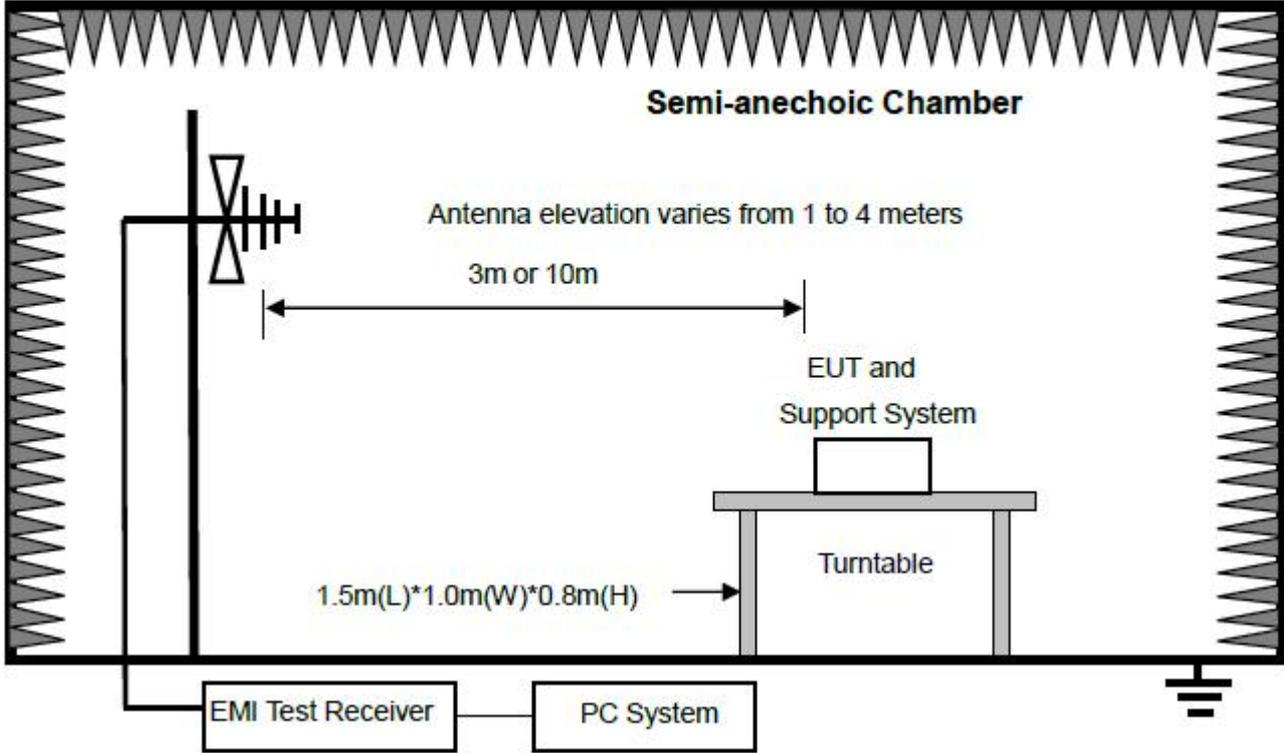




### 4.2.3 Test Setup Diagram

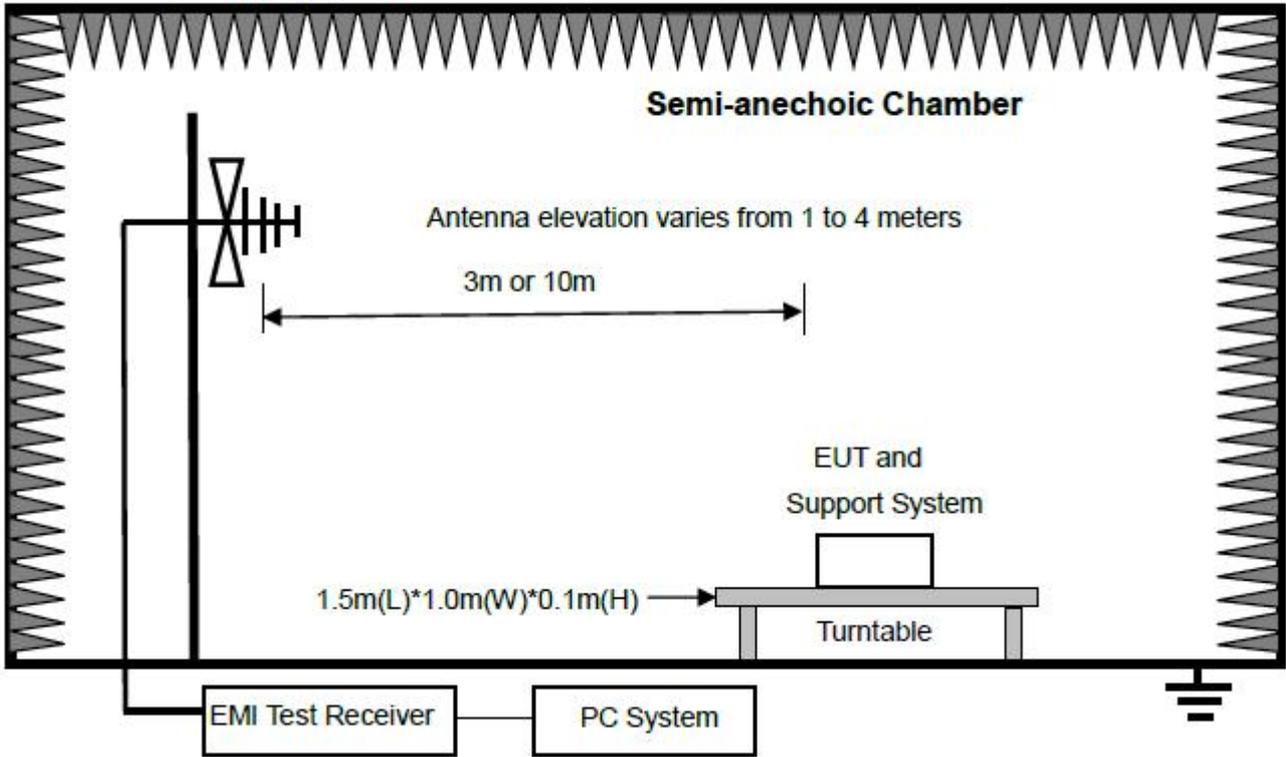
Below 1 GHz

For table-top equipment

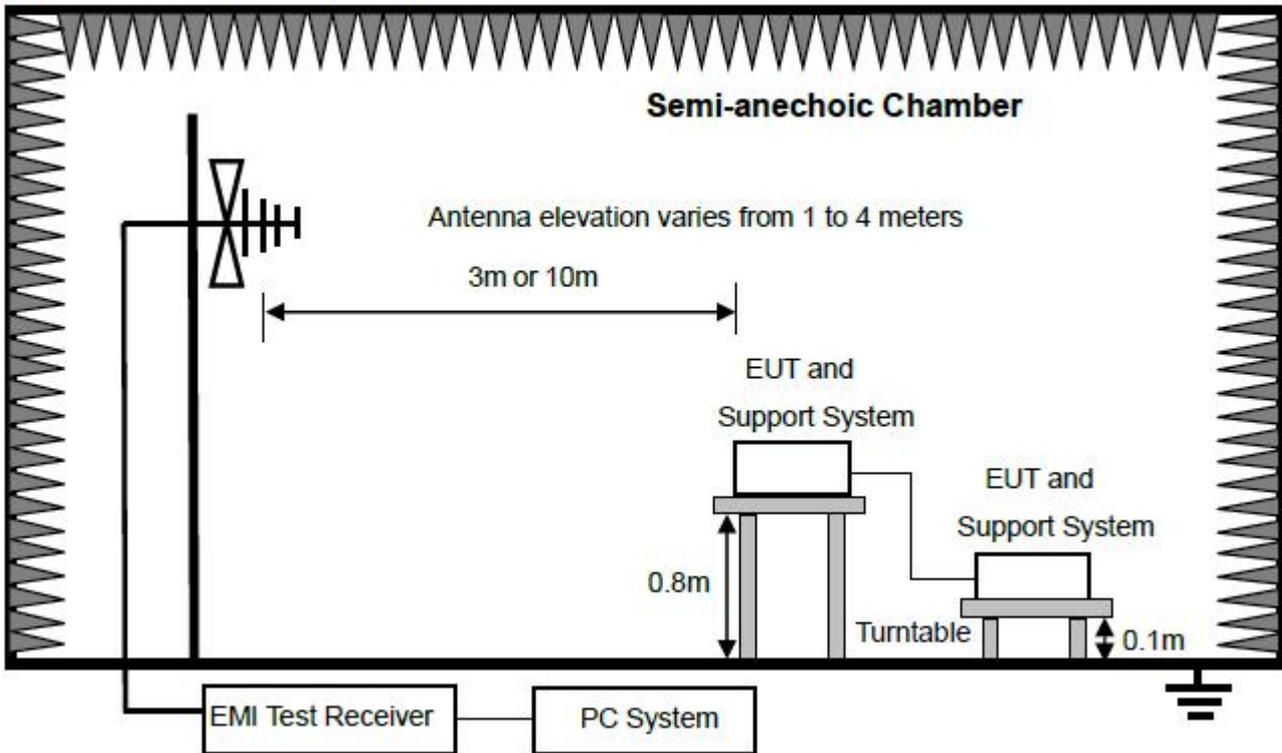




### For floor standing equipment



### For combinations equipment





#### 4.2.4 E.U.T. Operation

| Operating Environment: |                     |           |              |
|------------------------|---------------------|-----------|--------------|
| Temperature:           | 22.3° C             | Humidity: | 53%RH        |
| Test Engineer          | Rayer peng          |           |              |
| Mode 1                 | AC Charging+Working | Voltage   | AC 120V/60Hz |
| Mode 2                 | Working             | Voltage   | DC 24V       |





### 4.2.5 Test data

Mode 1 / Polarization: Vertical



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|---------------------|--------------------|--------------|-----------|----------|---------|
| 1 *     | 64.433    | 48.10              | -13.07              | 35.03              | 40.00        | -4.97     | QP       |         |
| 2       | 87.725    | 48.04              | -14.17              | 33.87              | 40.00        | -6.13     | QP       |         |
| 3       | 153.738   | 48.30              | -15.30              | 33.00              | 43.50        | -10.50    | QP       |         |
| 4       | 213.763   | 39.27              | -12.45              | 26.82              | 43.50        | -16.68    | QP       |         |
| 5       | 374.623   | 37.48              | -8.07               | 29.41              | 46.00        | -16.59    | QP       |         |
| 6       | 524.554   | 35.61              | -6.03               | 29.58              | 46.00        | -16.42    | QP       |         |





Mode 1 / Polarization: Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB/m | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   | *   | 33.562       | 47.96                    | -12.69                    | 35.27                      | 40.00           | -4.73        | QP       |         |
| 2   |     | 64.886       | 45.57                    | -12.99                    | 32.58                      | 40.00           | -7.42        | QP       |         |
| 3   |     | 87.112       | 47.99                    | -14.17                    | 33.82                      | 40.00           | -6.18        | QP       |         |
| 4   |     | 151.597      | 49.65                    | -15.32                    | 34.33                      | 43.50           | -9.17        | QP       |         |
| 5   |     | 449.556      | 46.56                    | -7.50                     | 39.06                      | 46.00           | -6.94        | QP       |         |
| 6   |     | 656.530      | 44.15                    | -4.24                     | 39.91                      | 46.00           | -6.09        | QP       |         |





Mode 2 / Polarization: Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB/m | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 30.211       | 46.06                    | -12.21                    | 33.85                      | 40.00           | -6.15        | QP       |         |
| 2   | *   | 65.343       | 48.20                    | -13.04                    | 35.16                      | 40.00           | -4.84        | QP       |         |
| 3   |     | 85.298       | 47.22                    | -14.42                    | 32.80                      | 40.00           | -7.20        | QP       |         |
| 4   |     | 132.685      | 43.33                    | -15.19                    | 28.14                      | 43.50           | -15.36       | QP       |         |
| 5   |     | 197.893      | 50.74                    | -13.45                    | 37.29                      | 43.50           | -6.21        | QP       |         |
| 6   |     | 437.120      | 40.99                    | -7.35                     | 33.64                      | 46.00           | -12.36       | QP       |         |





Mode 2 / Polarization: Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB/m | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   | !   | 34.760       | 46.64                    | -12.48                    | 34.16                      | 40.00           | -5.84        | QP       |         |
| 2   | *   | 66.266       | 47.79                    | -13.21                    | 34.58                      | 40.00           | -5.42        | QP       |         |
| 3   |     | 112.130      | 49.29                    | -11.88                    | 37.41                      | 43.50           | -6.09        | QP       |         |
| 4   | !   | 167.237      | 52.00                    | -14.47                    | 37.53                      | 43.50           | -5.97        | QP       |         |
| 5   |     | 354.183      | 46.73                    | -8.50                     | 38.23                      | 46.00           | -7.77        | QP       |         |
| 6   |     | 443.294      | 45.53                    | -7.28                     | 38.25                      | 46.00           | -7.75        | QP       |         |



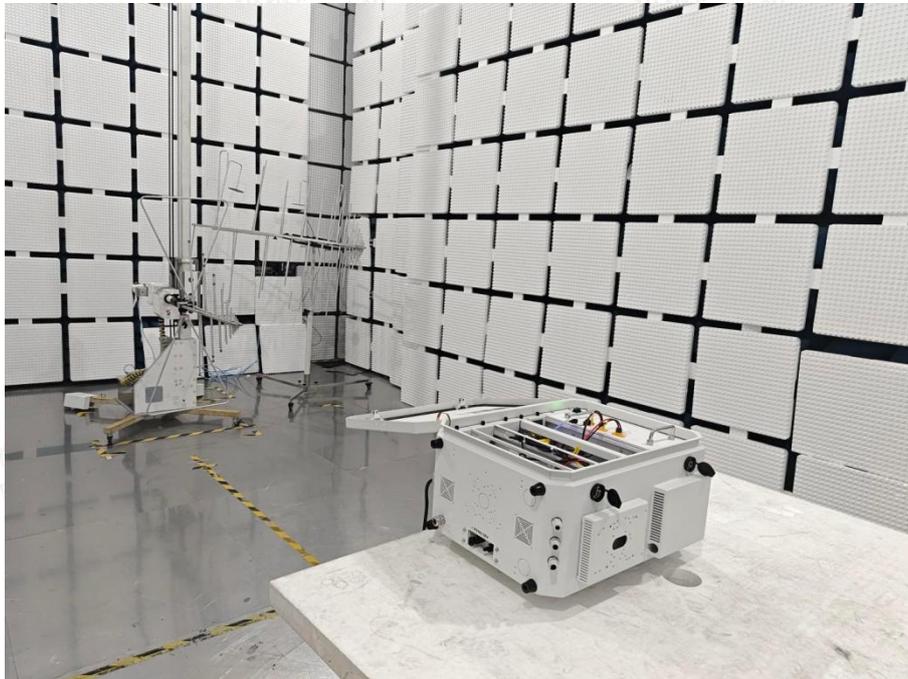


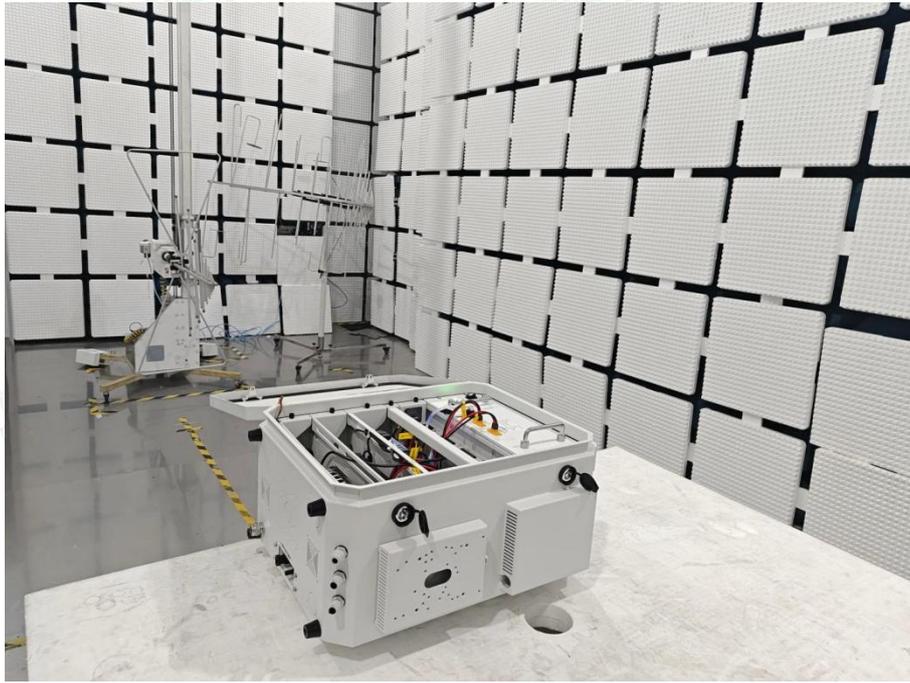
## 5. TEST SETUP PHOTOS

### AC Power Port Conducted Emission



### Radiated Emissions Test(30-1000MHz)







## 6. EUT CONSTRUCTIONAL DETAILS (EUT PHOTOS)



Fig. 1

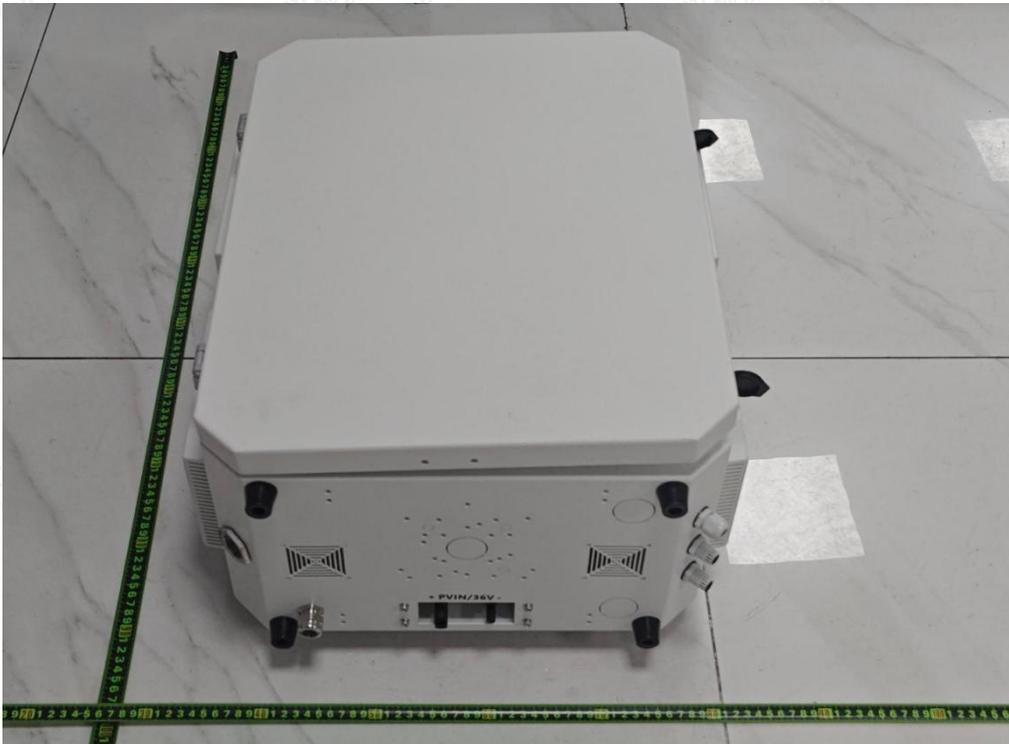


Fig. 2





Fig. 3



Fig. 4





Fig. 5

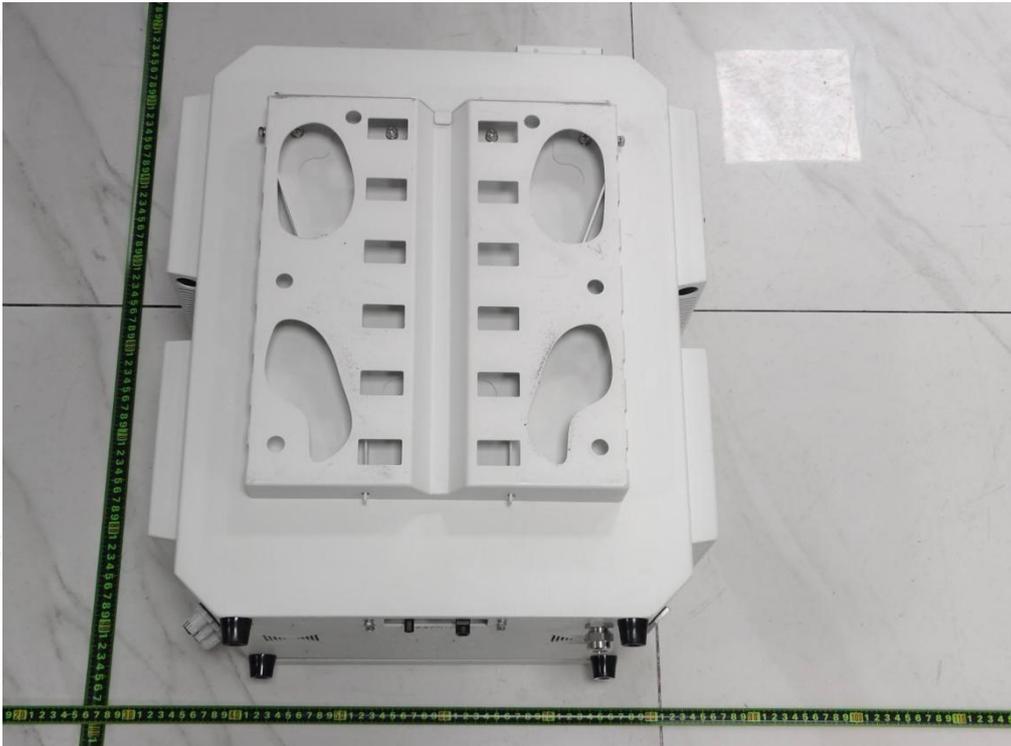


Fig. 6



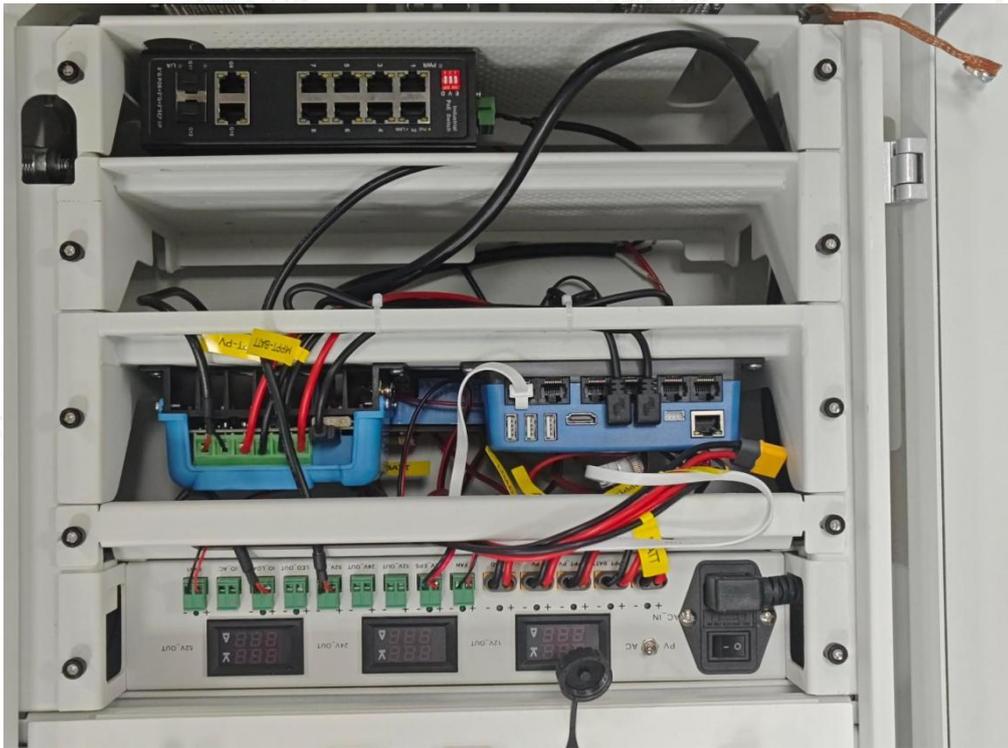


Fig. 7



Fig. 8



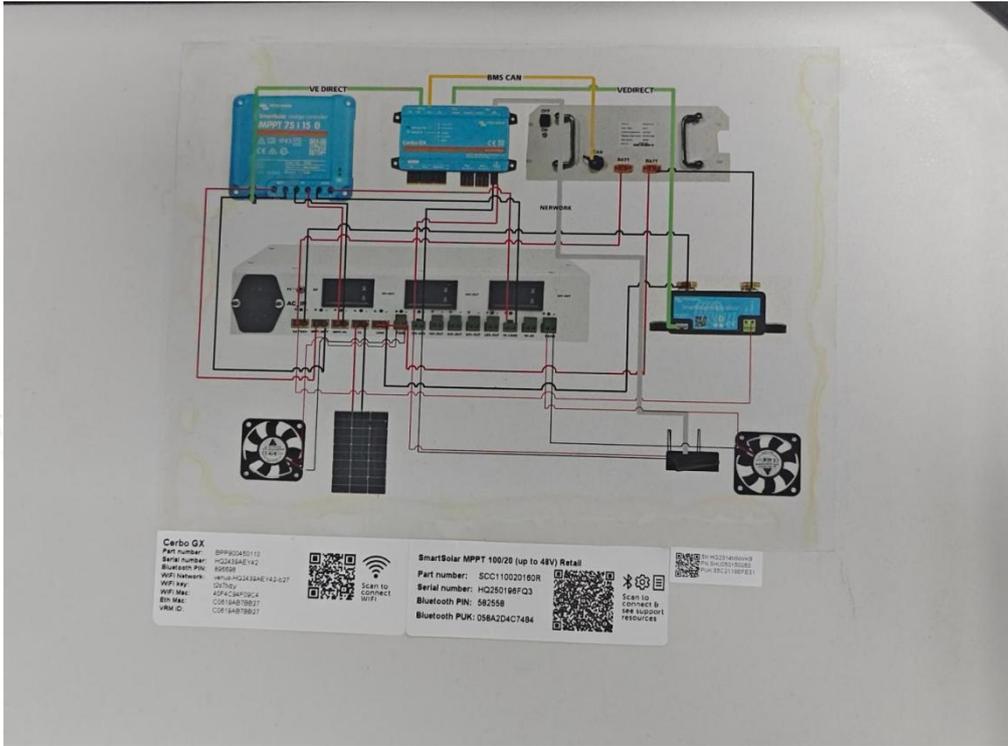


Fig. 9

-----End Report-----

