

# TEST REPORT

**Applicant:** SCR (Engineers) Ltd.

**Address of Applicant:** 18 Hamelacha street, Poleg Industrial Zone, Netanya,  
4250553, POB 8310, Israel

**Manufacturer/ Factory:** SCR (Engineers) Ltd.

**Address of Manufacturer/ Factory:** 18 Hamelacha street, Poleg Industrial Zone, Netanya,  
4250553, POB 8310, Israel

**Equipment Under Test (EUT)**

Product Name: SenseHub Feedlot Tag

Model No.: SHFT2

Trade Mark: SenseHub™ Feedlot

**Applicable standards:** FCC CFR Title 47 Part 15 Subpart B

**Date of sample receipt:** March 19, 2026

**Date of Test:** March 19, 2026-April 14, 2026

**Date of report issued:** April 17, 2026

**Test Result :** PASS \*

\* In the configuration tested, the EUT complied with the standards specified above.



**Laboratory Manager**

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## 2 Version

| Version No. | Date           | Description |
|-------------|----------------|-------------|
| 00          | April 17, 2026 | Original    |
|             |                |             |
|             |                |             |
|             |                |             |
|             |                |             |

Tested By:

*Jaidev. Gai*

Date:

April 17, 2026

Test Engineer

Prepared By:

*J. Smith*

Date:

April 17, 2026

Project Engineer

Check By:

*Robinson*

Date:

April 17, 2026

Reviewer

### 3 Contents

|          |                                               |           |
|----------|-----------------------------------------------|-----------|
| <b>1</b> | <b>COVER PAGE.....</b>                        | <b>1</b>  |
| <b>2</b> | <b>VERSION .....</b>                          | <b>2</b>  |
| <b>3</b> | <b>CONTENTS .....</b>                         | <b>3</b>  |
| <b>4</b> | <b>TEST SUMMARY .....</b>                     | <b>4</b>  |
| <b>5</b> | <b>GENERAL INFORMATION .....</b>              | <b>5</b>  |
| 5.1      | GENERAL DESCRIPTION OF EUT .....              | 5         |
| 5.2      | TEST MODE AND TEST VOLTAGE .....              | 5         |
| 5.3      | DESCRIPTION OF SUPPORT UNITS .....            | 6         |
| 5.4      | DEVIATION FROM STANDARDS .....                | 6         |
| 5.5      | ABNORMALITIES FROM STANDARD CONDITIONS.....   | 6         |
| 5.6      | TEST FACILITY .....                           | 6         |
| 5.7      | TEST LOCATION.....                            | 6         |
| <b>6</b> | <b>TEST INSTRUMENTS LIST .....</b>            | <b>7</b>  |
| <b>7</b> | <b>TEST RESULTS AND MEASUREMENT DATA.....</b> | <b>8</b>  |
| 7.1      | RADIATED EMISSION .....                       | 8         |
| <b>8</b> | <b>TEST SETUP PHOTO .....</b>                 | <b>15</b> |
| <b>9</b> | <b>EUT CONSTRUCTIONAL DETAILS .....</b>       | <b>15</b> |

## 4 Test Summary

| Test Item            | Test Requirement | Test Method | Class / Severity | Result |
|----------------------|------------------|-------------|------------------|--------|
| Conducted Emission   | FCC Part15.107   | ANSI C63.4  | Class B          | N/A    |
| Radiated Emissions # | FCC Part15.109   | ANSI C63.4  | Class B          | PASS   |

### Remarks:

1. Pass: The EUT complies with the essential requirements in the standard.
2. N/A:Not applicable.
3. # Refer to FCC Part 15.33 (b)(1) conditional testing procedure :

| Highest frequency generated or used in the device or on which the device operates or tunes (MHz) | Upper frequency of measurement range (MHz)                           |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Below 1.705                                                                                      | 30                                                                   |
| 1.705-108                                                                                        | 1000                                                                 |
| 108-500                                                                                          | 2000                                                                 |
| 500-1000                                                                                         | 5000                                                                 |
| Above 1000                                                                                       | 5th harmonic of the highest frequency or 40 GHz, whichever is lower. |

### Measurement Uncertainty

| Test Item                        | Frequency Range | Measurement Uncertainty | Notes |
|----------------------------------|-----------------|-------------------------|-------|
| Radiated Emission                | 30MHz-200MHz    | 3.8039dB                | (1)   |
| Radiated Emission                | 200MHz-1GHz     | 3.9679dB                | (1)   |
| Radiated Emission                | 1GHz-18GHz      | 4.29dB                  | (1)   |
| AC Power Line Conducted Emission | 0.15MHz ~ 30MHz | 3.44dB                  | (1)   |

Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

## 5 General Information

### 5.1 General Description of EUT

|                    |                             |
|--------------------|-----------------------------|
| Product Name:      | SenseHub Feedlot Tag        |
| Model No.:         | SHFT2                       |
| Test sample(s) ID: | GTS2026030275-2             |
| Sample(s) Status:  | Normal sample               |
| Power Supply:      | DC 3V 400mAh Li-ion Battery |

Disclaimer statement:

The information in this section is provided by the applicant or manufacturer, GTS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

### 5.2 Test mode and Test voltage

|                     |                                 |
|---------------------|---------------------------------|
| <b>Test mode:</b>   |                                 |
| On mode             | Keep the EUT in operation mode. |
| Downlink mode       | Keep the EUT in Downlink mode.  |
| <b>Test voltage</b> |                                 |
| DC 3V               |                                 |

### 5.3 Description of Support Units

| Manufacturer | Description  | Model   | Serial Number |
|--------------|--------------|---------|---------------|
| HUAWEI       | Mobile phone | Mate 30 | N/A           |

### 5.4 Deviation from Standards

|       |
|-------|
| None. |
|-------|

### 5.5 Abnormalities from Standard Conditions

|       |
|-------|
| None. |
|-------|

### 5.6 Test Facility

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>The test facility is recognized, certified, or accredited by the following organizations:</p> <ul style="list-style-type: none"> <li>• <b>FCC —Registration No.: 381383</b><br/>Designation Number: CN5029<br/>Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files.</li> <li>• <b>ISED—Registration No.: 9079A</b><br/>CAB identifier: CN0091<br/>The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of ISED for radio equipment testing.</li> <li>• <b>NVLAP (LAB CODE:600179-0)</b><br/>Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).</li> </ul> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 5.7 Test Location

|                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The test was performed at:                                                                                                                                                                                                                                    |
| <p>Global United Technology Services Co., Ltd.<br/>Address: No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102<br/>Tel: 0755-27798480<br/>Fax: 0755-27798960</p> |

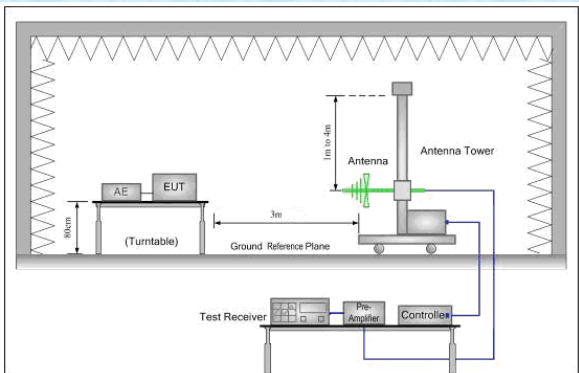
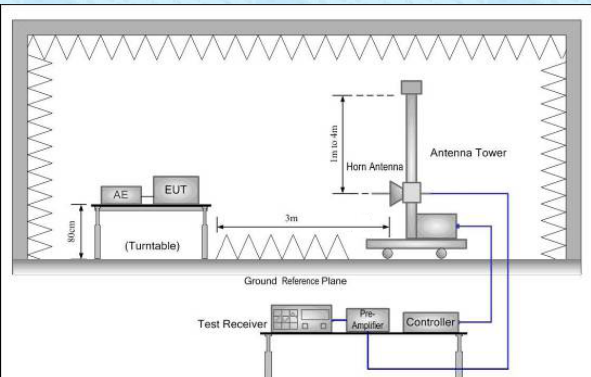
## 6 Test Instruments list

| Radiated Emission: |                                     |                                |                       |               |                     |                         |
|--------------------|-------------------------------------|--------------------------------|-----------------------|---------------|---------------------|-------------------------|
| Item               | Test Equipment                      | Manufacturer                   | Model No.             | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) |
| 1                  | 3m Semi- Anechoic Chamber           | ZhongYu Electron               | 9.2(L)*6.2(W)* 6.4(H) | GTS250        | Apr. 11, 2026       | Apr. 10, 2027           |
| 2                  | Control Room                        | ZhongYu Electron               | 6.2(L)*2.5(W)* 2.4(H) | GTS251        | N/A                 | N/A                     |
| 3                  | EMI Test Receiver                   | Rohde & Schwarz                | ESU26                 | GTS203        | Apr. 11, 2026       | Apr. 10, 2027           |
| 4                  | BiConiLog Antenna                   | SCHWARZBECK<br>MESS-ELEKTRONIK | VULB9168              | GTS640        | Apr. 11, 2026       | Apr. 10, 2027           |
| 5                  | Double -ridged waveguide horn       | SCHWARZBECK<br>MESS-ELEKTRONIK | BBHA 9120 D           | GTS208        | Apr. 11, 2026       | Apr. 10, 2027           |
| 6                  | Wideband Radio Communication Tester | Rohde & Schwarz                | CMW500                | GTS575        | Jul. 11, 2025       | Jul 10, 2026            |
| 7                  | Loop Antenna                        | ZHINAN                         | ZN30900A              | GTS534        | Nov.22, 2025        | Nov.21, 2026            |
| 8                  | Broadband Preamplifier              | SCHWARZBECK                    | BBV9718               | GTS535        | Apr. 10, 2026       | Apr. 09, 2027           |
| 9                  | Amplifier(1GHz-26.5GHz)             | HP                             | 8449B                 | GTS601        | Apr. 10, 2026       | Apr. 09, 2027           |
| 10                 | Horn Antenna (18GH-40GHz)           | Schwarzbeck                    | BBHA 9170             | GTS691        | Apr. 10, 2026       | Apr. 09, 2027           |
| 11                 | FSV·Signal Analyzer (10Hz-40GHz)    | Keysight                       | FSV-40-N              | GTS666        | Mar. 10, 2026       | Mar. 09, 2027           |
| 12                 | Amplifier                           | /                              | LNA-1000-30S          | GTS650        | Apr. 10, 2026       | Apr. 09, 2027           |
| 13                 | CDNE M2+M3-16A                      | HCT                            | 30MHz-300MHz          | GTS692        | Nov. 24, 2025       | Nov. 23, 2026           |
| 14                 | Wideband Amplifier                  | /                              | WDA-01004000-15P35    | GTS602        | Apr. 10, 2026       | Apr. 09, 2027           |
| 15                 | Thermo meter                        | JINCHUANG                      | GSP-8A                | GTS643        | Apr. 14, 2026       | Apr. 13, 2027           |
| 16                 | RE cable 1                          | GTS                            | N/A                   | GTS675        | Jul. 11, 2025       | Jul. 10, 2026           |
| 17                 | RE cable 2                          | GTS                            | N/A                   | GTS676        | Jul. 11, 2025       | Jul. 10, 2026           |
| 18                 | RE cable 3                          | GTS                            | N/A                   | GTS677        | Jul. 11, 2025       | Jul. 10, 2026           |
| 19                 | RE cable 4                          | GTS                            | N/A                   | GTS678        | Jul. 11, 2025       | Jul. 10, 2026           |
| 20                 | RE cable 5                          | GTS                            | N/A                   | GTS679        | Jul. 11, 2025       | Jul. 10, 2026           |
| 21                 | RE cable 6                          | GTS                            | N/A                   | GTS680        | Jul. 11, 2025       | Jul. 10, 2026           |
| 22                 | RE cable 7                          | GTS                            | N/A                   | GTS681        | Jul. 11, 2025       | Jul. 10, 2026           |
| 23                 | RE cable 8                          | GTS                            | N/A                   | GTS682        | Jul. 11, 2025       | Jul. 10, 2026           |
| 24                 | EMI Test Software                   | AUDIX                          | E3-6.100614a          | GTS725        | N/A                 | N/A                     |

| General used equipment: |                |              |           |               |                     |                         |
|-------------------------|----------------|--------------|-----------|---------------|---------------------|-------------------------|
| Item                    | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) |
| 1                       | Barometer      | KUMAO        | SF132     | GTS647        | Jul. 16, 2025       | Jul. 15, 2026           |

## 7 Test Results and Measurement Data

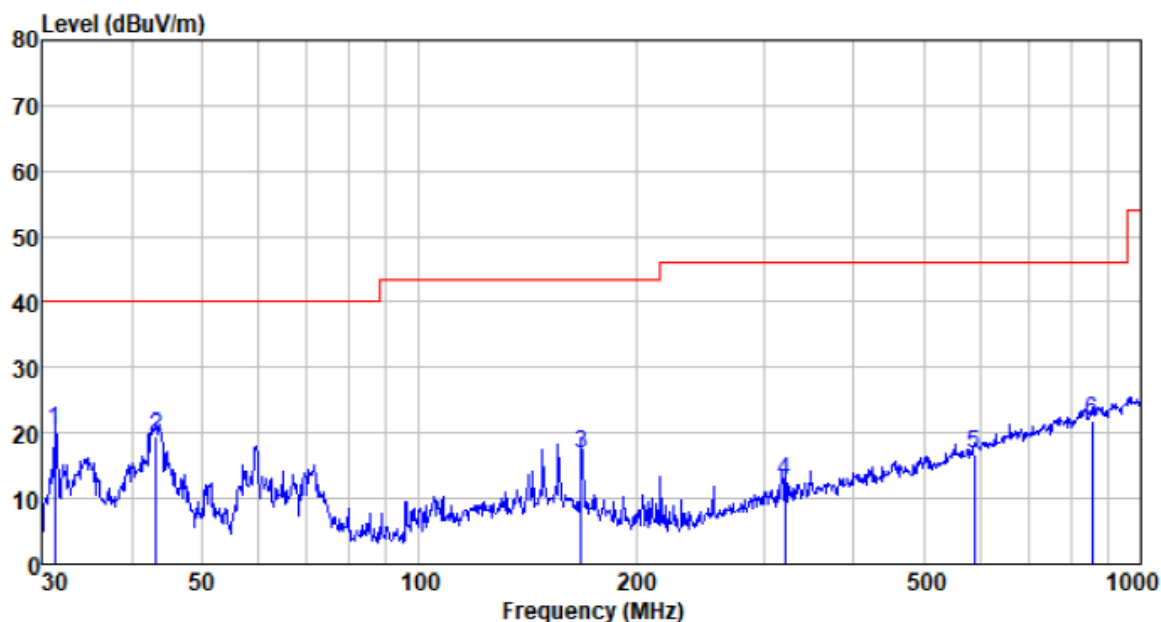
### 7.1 Radiated Emission

|                       |                                                                                      |            |                    |               |                  |           |
|-----------------------|--------------------------------------------------------------------------------------|------------|--------------------|---------------|------------------|-----------|
| Test Requirement:     | FCC Part15 B Section 15.109                                                          |            |                    |               |                  |           |
| Test Method:          | ANSI C63.4:2014                                                                      |            |                    |               |                  |           |
| Test Frequency Range: | 30MHz to 6000MHz                                                                     |            |                    |               |                  |           |
| Test site:            | Measurement Distance: 3m (Semi-Anechoic Chamber)                                     |            |                    |               |                  |           |
| Receiver setup:       | Frequency                                                                            | Detector   | RBW                | VBW           | Remark           |           |
|                       | 30MHz-1GHz                                                                           | Quasi-peak | 120kHz             | 300kHz        | Quasi-peak Value |           |
|                       | Above 1GHz                                                                           | Peak       | 1MHz               | 3MHz          | Peak Value       |           |
|                       |                                                                                      | Peak       | 1MHz               | 3MHz          | Average Value    |           |
| Limit:                | Frequency                                                                            |            | Limit (dBuV/m @3m) |               | Remark           |           |
|                       | 30MHz-88MHz                                                                          |            | 40.00              |               | Quasi-peak Value |           |
|                       | 88MHz-216MHz                                                                         |            | 43.50              |               | Quasi-peak Value |           |
|                       | 216MHz-960MHz                                                                        |            | 46.00              |               | Quasi-peak Value |           |
|                       | 960MHz-1GHz                                                                          |            | 54.00              |               | Quasi-peak Value |           |
|                       | Above 1GHz                                                                           |            | 54.00              | Average Value |                  |           |
|                       |                                                                                      | 74.00      | Peak Value         |               |                  |           |
| Test setup:           | For radiated emissions from 30MHz to1GHz                                             |            |                    |               |                  |           |
|                       |  |            |                    |               |                  |           |
| Test setup:           | For radiated emissions above 1GHz                                                    |            |                    |               |                  |           |
|                       |  |            |                    |               |                  |           |
| Test environment:     | Temp.:                                                                               | 25 °C      | Humid.:            | 52%           | Press.:          | 1 012mbar |
| Test Instruments:     | Refer to section 6 for details                                                       |            |                    |               |                  |           |
| Test mode:            | Refer to section 5.2 for details, and only shown the worst case.                     |            |                    |               |                  |           |

Test results: Pass

**Measurement Data  
Below 1GHz**

|            |         |                   |            |
|------------|---------|-------------------|------------|
| Test mode: | On mode | Antenna Polarity: | Horizontal |
|------------|---------|-------------------|------------|

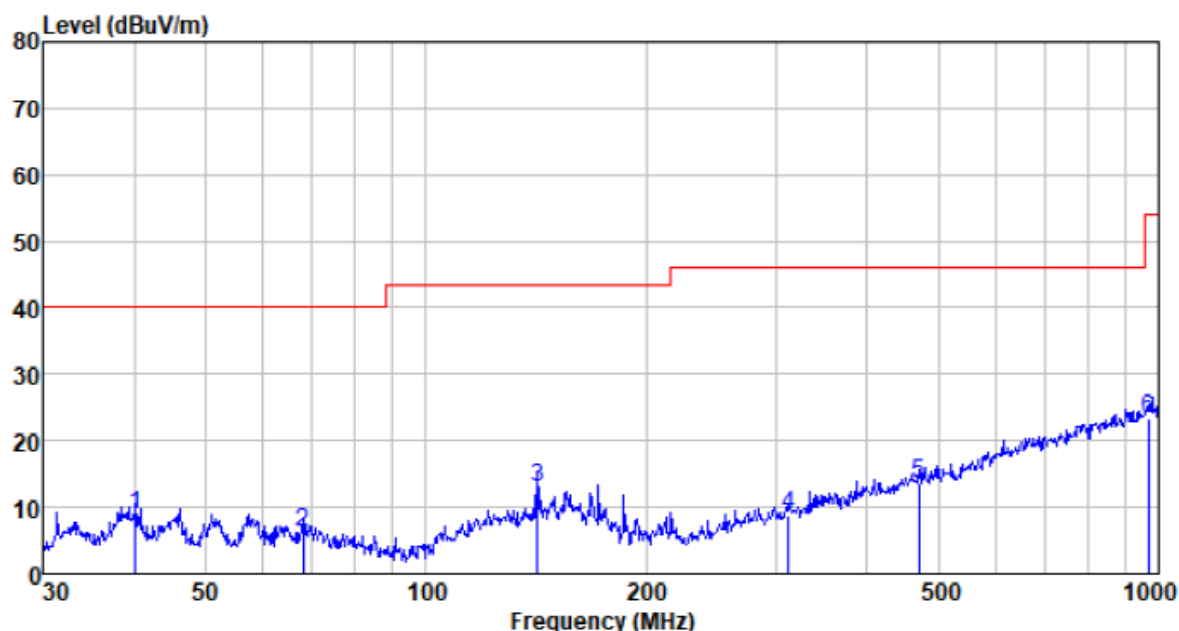


| Freq<br>MHz | Reading<br>level<br>dBuV | Antenna<br>factor<br>dB/m | Cable<br>loss<br>dB | Preamp<br>factor<br>dB | Final<br>level<br>dBuV/m | Limit<br>level<br>dBuV/m | Over<br>limit<br>dB | Remark |
|-------------|--------------------------|---------------------------|---------------------|------------------------|--------------------------|--------------------------|---------------------|--------|
| 31.289      | 40.25                    | 12.50                     | 1.23                | 33.59                  | 20.39                    | 40.00                    | -19.61              | QP     |
| 43.202      | 38.39                    | 13.38                     | 1.35                | 33.53                  | 19.59                    | 40.00                    | -20.41              | QP     |
| 167.824     | 34.06                    | 13.72                     | 2.58                | 33.45                  | 16.91                    | 43.50                    | -26.59              | QP     |
| 321.061     | 29.20                    | 12.84                     | 3.69                | 33.16                  | 12.57                    | 46.00                    | -33.43              | QP     |
| 586.844     | 25.80                    | 18.54                     | 5.02                | 32.66                  | 16.70                    | 46.00                    | -29.30              | QP     |
| 857.025     | 24.89                    | 22.74                     | 6.16                | 31.86                  | 21.93                    | 46.00                    | -24.07              | QP     |

Remarks:

Final level(dBuV/m) = Reading level(dBuV) + Antenna factor(dB/m) + Cable loss(dB) - Preamp Factor(dB)

|            |                |                   |          |
|------------|----------------|-------------------|----------|
| Test mode: | Operation mode | Antenna Polarity: | Vertical |
|------------|----------------|-------------------|----------|

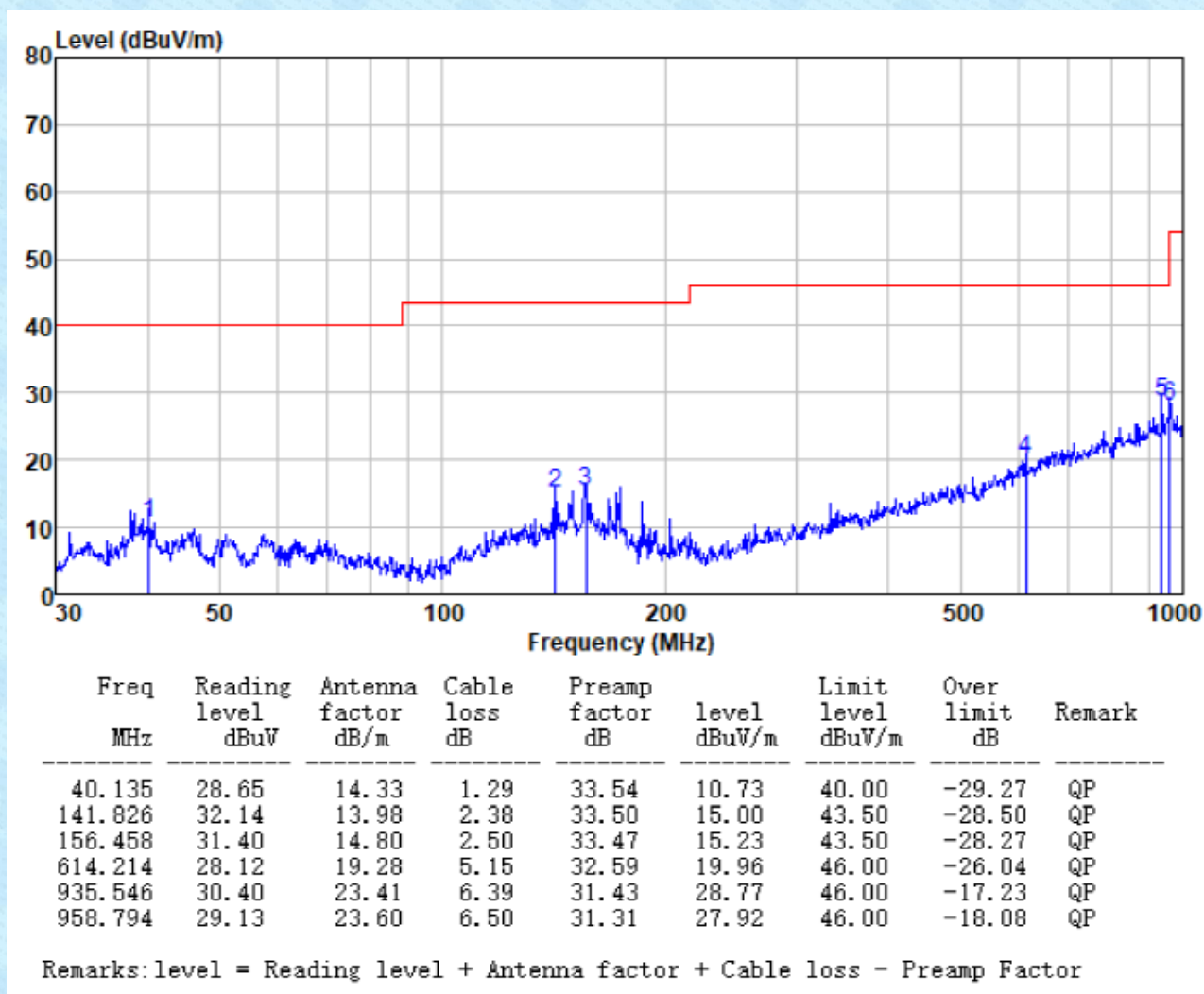


| Freq<br>MHz | Reading<br>level<br>dBuV | Antenna<br>factor<br>dB/m | Cable<br>loss<br>dB | Preamp<br>factor<br>dB | Final<br>level<br>dBuV/m | Limit<br>level<br>dBuV/m | Over<br>limit<br>dB | Remark |
|-------------|--------------------------|---------------------------|---------------------|------------------------|--------------------------|--------------------------|---------------------|--------|
| 40.135      | 26.65                    | 14.33                     | 1.29                | 33.54                  | 8.73                     | 40.00                    | -31.27              | QP     |
| 67.913      | 27.01                    | 11.11                     | 1.71                | 33.54                  | 6.29                     | 40.00                    | -33.71              | QP     |
| 141.826     | 30.14                    | 13.98                     | 2.38                | 33.50                  | 13.00                    | 43.50                    | -30.50              | QP     |
| 312.179     | 25.69                    | 12.59                     | 3.63                | 33.18                  | 8.73                     | 46.00                    | -37.27              | QP     |
| 470.523     | 25.75                    | 16.32                     | 4.46                | 32.94                  | 13.59                    | 46.00                    | -32.41              | QP     |
| 968.934     | 24.41                    | 23.76                     | 6.55                | 31.26                  | 23.46                    | 54.00                    | -30.54              | QP     |

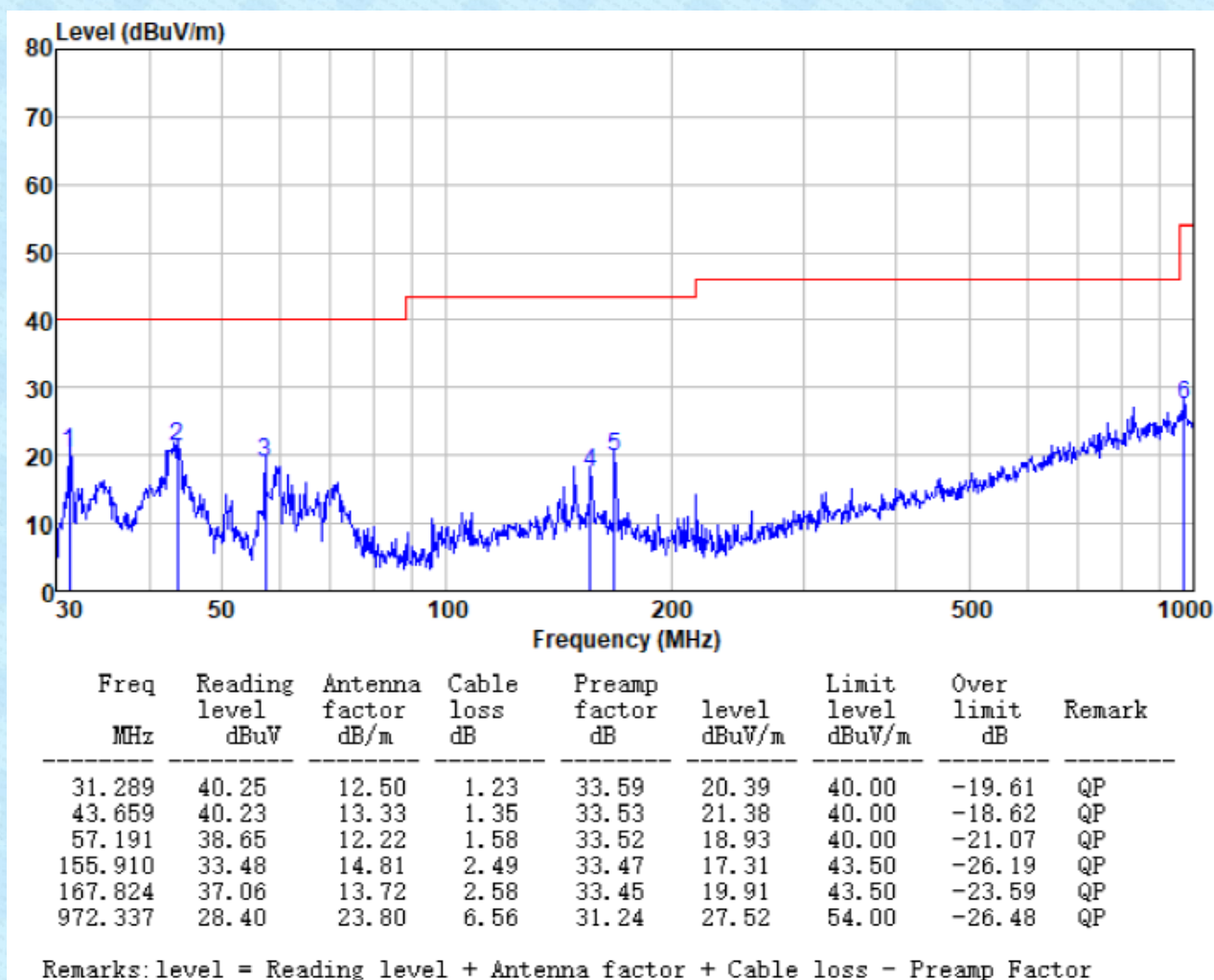
Remarks:

Final level(dBuV/m) = Reading level(dBuV) + Antenna factor(dB/m) + Cable loss(dB) - Preamp Factor(dB)

|            |               |                   |            |
|------------|---------------|-------------------|------------|
| Test mode: | Downlink mode | Antenna Polarity: | Horizontal |
|------------|---------------|-------------------|------------|

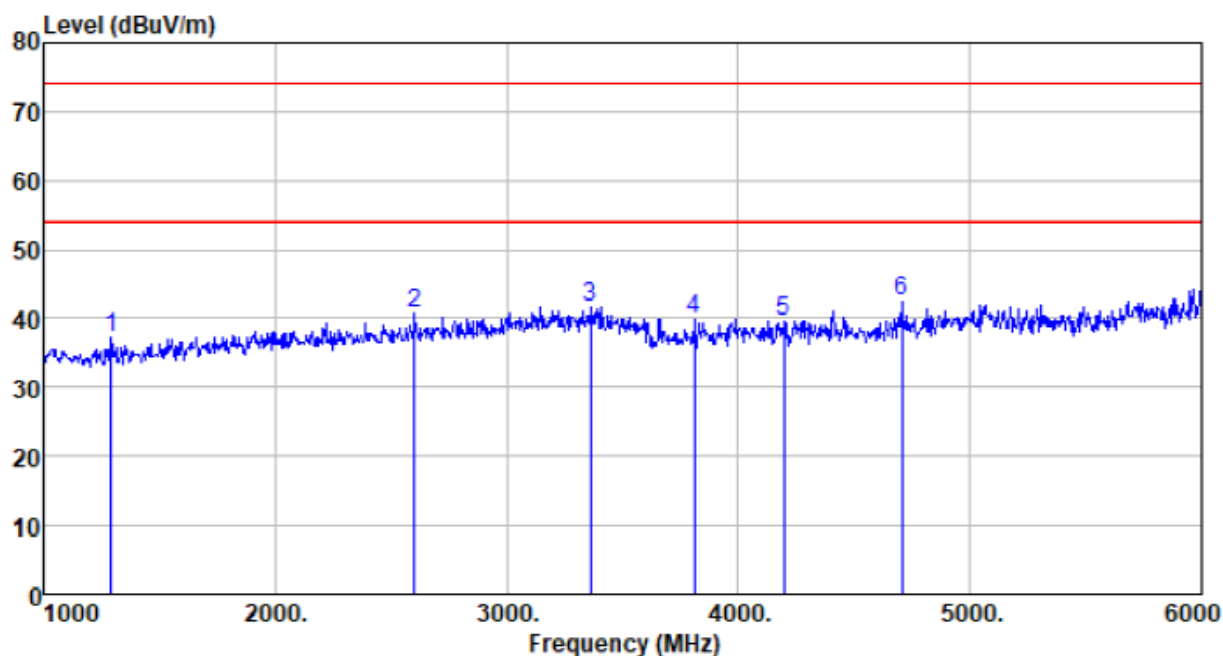


|            |                |                   |          |
|------------|----------------|-------------------|----------|
| Test mode: | Operation mode | Antenna Polarity: | Vertical |
|------------|----------------|-------------------|----------|



Above 1GHz

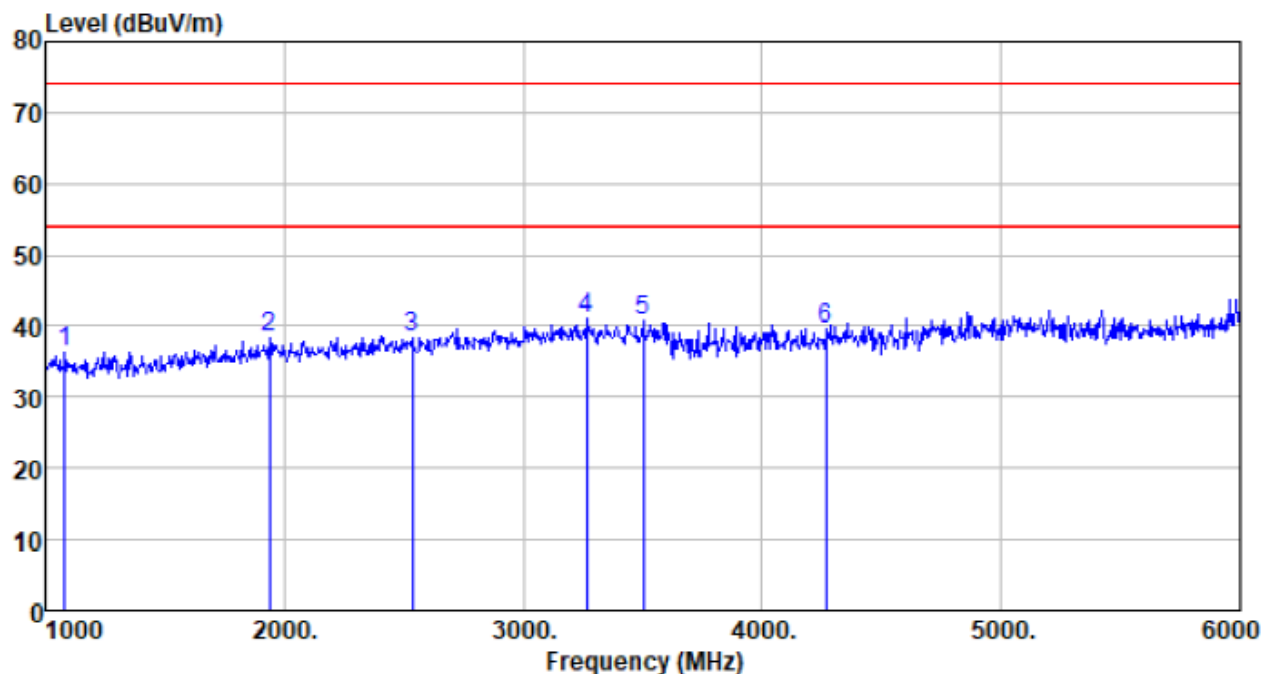
|            |                |                   |            |
|------------|----------------|-------------------|------------|
| Test mode: | Operation mode | Antenna Polarity: | Horizontal |
|------------|----------------|-------------------|------------|



| Freq<br>MHz | Reading<br>level<br>dBuV | Antenna<br>factor<br>dB/m | Cable<br>loss<br>dB | Preamp<br>factor<br>dB | level<br>dBuV/m | Limit<br>level<br>dBuV/m | Over<br>limit<br>dB | Remark |
|-------------|--------------------------|---------------------------|---------------------|------------------------|-----------------|--------------------------|---------------------|--------|
| 1290.000    | 50.07                    | 24.34                     | 2.19                | 39.26                  | 37.34           | 74.00                    | -36.66              | Peak   |
| 2600.000    | 48.70                    | 27.64                     | 3.11                | 38.60                  | 40.85           | 74.00                    | -33.15              | Peak   |
| 3360.000    | 47.95                    | 28.60                     | 3.63                | 38.53                  | 41.65           | 74.00                    | -32.35              | Peak   |
| 3810.000    | 45.28                    | 29.03                     | 3.92                | 38.31                  | 39.92           | 74.00                    | -34.08              | Peak   |
| 4195.000    | 44.17                    | 29.65                     | 4.01                | 38.24                  | 39.59           | 74.00                    | -34.41              | Peak   |
| 4705.000    | 45.39                    | 30.77                     | 4.56                | 38.34                  | 42.38           | 74.00                    | -31.62              | Peak   |

Remarks: level = Reading level + Antenna factor + Cable loss - Preamp Factor

|            |                |                   |          |
|------------|----------------|-------------------|----------|
| Test mode: | Operation mode | Antenna Polarity: | Vertical |
|------------|----------------|-------------------|----------|



| Freq<br>MHz | Reading<br>level<br>dBuV | Antenna<br>factor<br>dB/m | Cable<br>loss<br>dB | Preamp<br>factor<br>dB | level<br>dBuV/m | Limit<br>level<br>dBuV/m | Over<br>limit<br>dB | Remark |
|-------------|--------------------------|---------------------------|---------------------|------------------------|-----------------|--------------------------|---------------------|--------|
| 1080.000    | 49.40                    | 24.48                     | 2.05                | 39.72                  | 36.21           | 74.00                    | -37.79              | Peak   |
| 1940.000    | 47.72                    | 26.50                     | 2.52                | 38.45                  | 38.29           | 74.00                    | -35.71              | Peak   |
| 2535.000    | 46.48                    | 27.48                     | 3.04                | 38.60                  | 38.40           | 74.00                    | -35.60              | Peak   |
| 3265.000    | 47.41                    | 28.60                     | 3.62                | 38.55                  | 41.08           | 74.00                    | -32.92              | Peak   |
| 3500.000    | 46.88                    | 28.60                     | 3.74                | 38.50                  | 40.72           | 74.00                    | -33.28              | Peak   |
| 4265.000    | 44.04                    | 29.78                     | 4.12                | 38.25                  | 39.69           | 74.00                    | -34.31              | Peak   |

Remarks: level = Reading level + Antenna factor + Cable loss - Preamp Factor

Note:

1. If the average limit is met when using a Peak detector, the EUT shall be deemed to meet both peak and average limits. And measurement with the average detector is unnecessary.

## 8 Test Setup Photo

Reference to the **appendix I** for details.

## 9 EUT Constructional Details

Reference to the **appendix II** for details.

-----End-----