



# TEST REPORT

Product Name: Tease cat and mouse  
FCC ID: 2BECL-001  
Trademark: N/A  
Model Number: Two-way black teasing cat and mouse, Two-way brown teasing cat and mouse, Two-way gray teasing cat and mouse, Four-way gray teasing cat and mouse, Four-way black teasing cat and mouse  
Prepared For: Ganzhou Dingquan Trading Co.Ltd  
Address: No.666, jindu Avenue, Ruijin City, jiangxi province, China  
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Sample Received Date: Dec. 15, 2023  
Sample tested Date: Dec. 15, 2023 to Dec. 28, 2023  
Issue Date: Dec. 28, 2023  
Report No.: CTB231228031RFX  
Test Standards: FCC Part15.227  
ANSI C63.10:2013  
Test Results: PASS  
Remark: This is 27.145MHz radio test report.

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Approved by:



Bin Mei / Director

Note: If there is any objection to the inspection results in this report, please submit a written report to the company within 15 days from the date of receiving the report. The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen CTB Testing Technology Co., Ltd. this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client. "\*" indicates the testing items were fulfilled by subcontracted lab. "#" indicates the items are not in CNAS accreditation scope.

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(Note: N/A means not applicable)

## 1. VERSION

| Report No.      | Issue Date    | Description | Approved |
|-----------------|---------------|-------------|----------|
| CTB231228031RFX | Dec. 28, 2023 | Original    | Valid    |

## 2. TESTSUMMARY

The Product has been tested according to the following specifications:

| Test Item                        | Test Requirement                                            | Test method      | Result |
|----------------------------------|-------------------------------------------------------------|------------------|--------|
| AC Power Line Conducted Emission | 47 CFR Part 15 Subpart C<br>Section 15.207                  | ANSI C63.10-2013 | N/A    |
| Radiated Emission                | 47 CFR Part 15 Subpart C<br>Section 15.209;<br>15.227(a)(b) | ANSI C63.10-2013 | PASS   |
| Occupied Bandwidth               | 47 CFR Part 15 Subpart C<br>Section 15.207                  | ANSI C63.10-2013 | PASS   |
| Antenna requirement              | 47 CFR Part 15 Subpart C<br>Section 15.203                  | ANSI C63.10-2013 | PASS   |

### 3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the Product 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  $k=2$ .

| Item                                             | Uncertainty                  |
|--------------------------------------------------|------------------------------|
| Occupancy bandwidth                              | $U=\pm 54.3\text{Hz}$        |
| Out of band emission                             | $U=\pm 54\text{Hz}$          |
| 3m camber Radiated spurious emission(30MHz-1GHz) | $U=\pm 4.3\text{dB}$         |
| humidity uncertainty                             | $U=\pm 5.3\%$                |
| Temperature uncertainty                          | $U=\pm 0.59^{\circ}\text{C}$ |
| Supply voltages                                  | $U=\pm 3\%$                  |
| Time                                             | $U=\pm 5\%$                  |

#### 4. PRODUCT INFORMATION AND TESTSETUP

##### 4.1 Product Information

Model(s): Two-way black teasing cat and mouse, Two-way brown teasing cat and mouse, Two-way gray teasing cat and mouse, Four-way gray teasing cat and mouse, Four-way black teasing cat and mouse

Model Description: N/A

Hardware Version: V1.0

Software Version: V1.0

Operation Frequency: 27.15MHz

Type of Modulation: ASK

Antenna installation: External antenna

Antenna Gain: 1dBi

Ratings: DC 3V from battery

##### Test Setup Configuration

See test photographs attached in EUT TEST SETUP PHOTOGRAPHS for the actual connections between Product and support equipment.

##### 4.2 Support Equipment

| No. | Device Type | Brand | Model | Series No. | Note |
|-----|-------------|-------|-------|------------|------|
|     |             |       |       |            |      |

##### Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

#### 4.3 TestMode

All test mode(s) and condition(s) mentioned were considered and evaluated respectively by performing full tests, the worst data were recorded and reported.

| Test mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Keep the EUT in transmitting mode with modulation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| The sample was placed (0.8m below 1GHz, 1.5m above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages. |

#### 4.4 TestEnvironment

|                            |     |
|----------------------------|-----|
| Humidity(%):               | 54  |
| Atmospheric Pressure(kPa): | 101 |
| Normal Voltage(DC):        | 3   |
| Normal Temperature(°C)     | 23  |

## 5. TEST FACILITY AND TEST INSTRUMENTUSED

### 5.1 TestFacility

All measurement facilities used to collect the measurement data are located at 1&2F., Building A, No. 26, Xinhe Road, Xinqiao, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China. The site and apparatus are constructed in conformance with the requirements of ANSI C63.4 and CISPR 16-1-1 other equivalent standards.

### 5.2 Test InstrumentUsed

| Item | Equipment                                 | Manufacturer | Type No.              | Serial No.   | Calibrated until |
|------|-------------------------------------------|--------------|-----------------------|--------------|------------------|
| 1    | Spectrum Analyzer                         | Agilent      | N9020A                | MY52090073   | 2024.07.05       |
| 2    | Power Sensor                              | Agilent      | U2021XA               | MY56120032   | 2024.07.05       |
| 3    | Power Sensor                              | Agilent      | U2021XA               | MY56120034   | 2024.07.05       |
| 4    | Communication test set                    | R&S          | CMW500                | 108058       | 2024.07.05       |
| 5    | Spectrum Analyzer                         | KEYSIGHT     | N9020A                | MY51289897   | 2024.07.05       |
| 6    | Signal Generator                          | Agilent      | N5181A                | MY50140365   | 2024.07.05       |
| 7    | Vector signal generator                   | Agilent      | N5182A                | MY47420195   | 2024.07.05       |
| 8    | Communication test set                    | Agilent      | E5515C                | MY50102567   | 2024.07.06       |
| 9    | 2.4 GHz Filter                            | Shenxiang    | MSF2400-2483.5MS-1154 | 20181015001  | 2024.07.05       |
| 10   | 5 GHz Filter                              | Shenxiang    | MSF5150-5850MS-1155   | 20181015001  | 2024.07.06       |
| 11   | Filter                                    | Xingbo       | XBLBQ-DZA120          | 190821-1-1   | 2024.07.06       |
| 12   | BT&WI-FI Automatic test software          | Microwave    | MTS8000               | Ver. 2.0.0.0 | /                |
| 13   | Rohde & Schwarz SFU Broadcast Test System | R&S          | SFU                   | 101017       | 2024.10.30       |
| 14   | Temperature humidity chamber              | Hongjing     | TH-80CH               | DG-15174     | 2024.07.05       |
| 15   | 234G Automatic test software              | Microwave    | MTS8200               | Ver. 2.0.0.0 | /                |
| 16   | 966 chamber                               | C.R.T.       | 966                   | /            | 2024.08.11       |
| 17   | Receiver                                  | R&S          | ESPI                  | 100362       | 2024.07.05       |
| 18   | Amplifier                                 | HP           | 8447E                 | 2945A02747   | 2024.07.05       |
| 19   | Amplifier                                 | Agilent      | 8449B                 | 3008A01838   | 2024.07.05       |
| 20   | TRILOG Broadband Antenna                  | Schwarzbeck  | VULB 9168             | 00869        | 2024.07.08       |
| 21   | Double Ridged Broadband Horn Antenna      | Schwarzbeck  | BBHA9120D             | 01911        | 2024.07.08       |

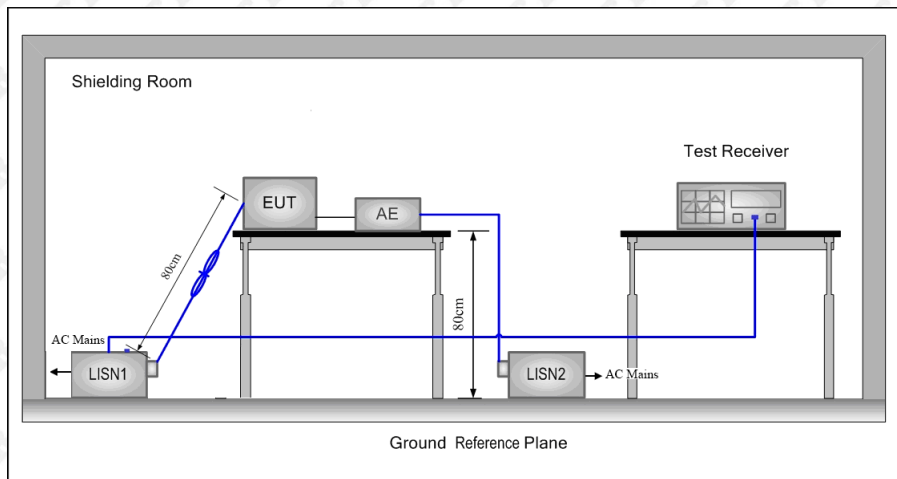
|    |                   |             |            |            |            |
|----|-------------------|-------------|------------|------------|------------|
| 22 | EMI test software | Fala        | EZ-EMC     | FA-03A2 RE | /          |
| 23 | Loop Antenna      | Schwarzbeck | FMZB 1519B | 1519B-224  | 2024.07.08 |
| 24 | loop antenna      | ZHINAN      | ZN30900A   | GTS534     | /          |
| 25 | 40G Horn antenna  | A/H/System  | SAS-574    | 588        | 2024.10.30 |
| 26 | Amplifier         | AEROFLEX    | Aeroflex   | 097        | 2024.07.05 |

| Continuous disturbance |                        |               |                   |            |                  |
|------------------------|------------------------|---------------|-------------------|------------|------------------|
| No.                    | Equipment              | Manufacturer  | Model No.         | Serial No. | Calibrated until |
| 1                      | LISN                   | ROHDE&SCHWARZ | ESH3-Z5           | 100318     | 2024.07.05       |
| 2                      | Pulse limiter          | ROHDE&SCHWARZ | ESH3Z2            | 357881052  | 2024.07.05       |
| 3                      | EMI TEST RECEIVER      | ROHDE&SCHWARZ | ESCI              | 100428/003 | 2024.07.05       |
| 4                      | Coaxial cable          | ZDECL         | Z302S-NJ-SMAJ-12M | 18091905   | 2024.07.05       |
| 5                      | ISN                    | Schwarzbeck   | NTFM8158          | 183        | 2024.07.05       |
| 6                      | Communication test set | Agilent       | E5515C            | MY50102567 | 2024.07.05       |
| 7                      | Communication test set | R&S           | CMW500            | 108058     | 2024.07.05       |
| 8                      | EZ-EMC                 | Frad          | EMC-con3A1.1      | /          | /                |

| Radiated emission |                                      |               |                        |            |                  |
|-------------------|--------------------------------------|---------------|------------------------|------------|------------------|
| No.               | Equipment                            | Manufacturer  | Model No.              | Serial No. | Calibrated until |
| 1                 | Double Ridged Broadband Horn Antenna | Schwarzbeck   | BBHA 9120 D            | 01911      | 2024.07.08       |
| 2                 | TRILOG Broadband Antenna             | Schwarzbeck   | VULB 9168              | 00869      | 2024.07.08       |
| 3                 | Amplifier                            | Agilent       | 8449B                  | 3008A01838 | 2024.07.05       |
| 4                 | Amplifier                            | HP            | 8447E                  | 2945A02747 | 2024.07.05       |
| 5                 | EMI TEST RECEIVER                    | ROHDE&SCHWARZ | ESCI                   | 100428/003 | 2024.07.05       |
| 6                 | Coaxial cable                        | ETS           | RFC-SNS-100-NMS-80 NI  | /          | 2024.07.05       |
| 7                 | Coaxial cable                        | ETS           | RFC-SNS-100-NMS-20 NI  | /          | 2024.07.05       |
| 8                 | Coaxial cable                        | ETS           | RFC-SNS-100-SMS-20 NI  | /          | 2024.07.05       |
| 9                 | Coaxial cable                        | ETS           | RFC-NNS-100-NMS-300 NI | /          | 2024.07.05       |
| 10                | Communication test set               | Agilent       | E5515C                 | MY50102567 | 2024.07.05       |
| 11                | Communication test set               | R&S           | CMW500                 | 108058     | 2024.07.05       |
| 12                | EZ-EMC                               | Frad          | EMC-con3A1.1           | /          | /                |

## 6. AC POWER LINE CONDUCTEDEMITION

### 6.1 Block Diagram OfTestSetup



### 6.2 Limit

\* Decreasing linearly with the logarithm of the frequency

| Frequency (MHz) | Maximum RF Line Voltage (dBμV) |      |         |        |
|-----------------|--------------------------------|------|---------|--------|
|                 | CLASS A                        |      | CLASS B |        |
|                 | Q.P.                           | Ave. | Q.P.    | Ave.   |
| 0.15 - 0.50     | 79                             | 66   | 66-56*  | 56-46* |
| 0.50 - 5.00     | 73                             | 60   | 56      | 46     |
| 5.00 - 30.0     | 73                             | 60   | 60      | 50     |

### 6.3 Testprocedure

- 1) The mains terminal disturbance voltage test was conducted in a shieldedroom.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a  $50\Omega/50\mu\text{H} + 5\Omega$  linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest point of the LISN1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

#### 6.4 Test Result

N/A

NOTE: This EUT is powered by DC power only, this test item is not applicable.

## 7. RADIATEDEMISSION

### 7.1 Block Diagram Of Test Setup

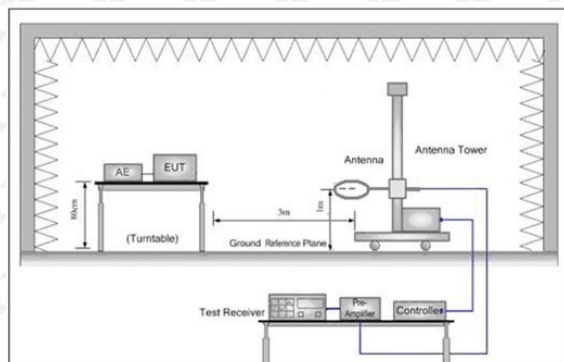


Figure 1. Below 30 MHz

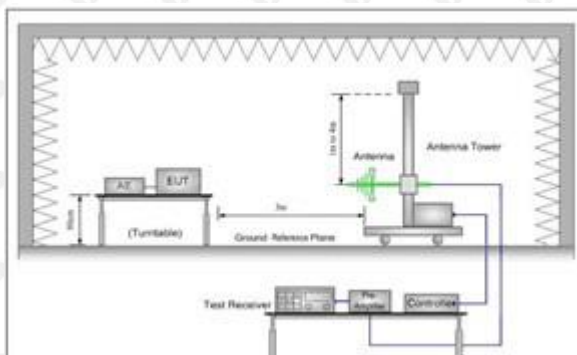


Figure 2. 30 MHz to 1 GHz

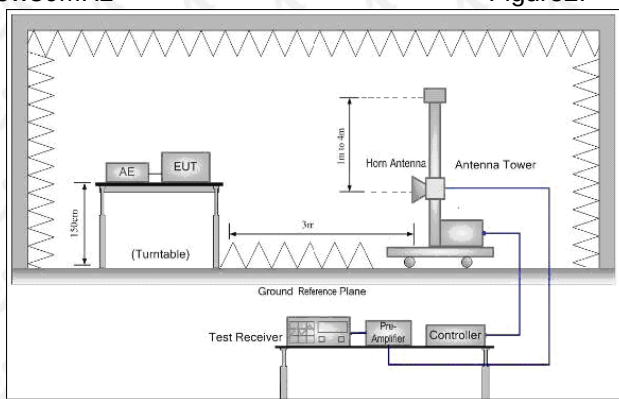


Figure 3. Above 1 GHz

### 7.2 Limit

Spurious Emissions:

| Frequency         | Field strength (dBμV/m)             | Remark     | Measurement distance (m) |
|-------------------|-------------------------------------|------------|--------------------------|
| 0.009MHz-0.490MHz | $20\log 2400/F \text{ (kHz)} + 80$  | Quasi-peak | 3                        |
| 0.490MHz-1.705MHz | $20\log 24000/F \text{ (kHz)} + 40$ | Quasi-peak | 3                        |
| 1.705MHz-30MHz    | $20\log 30 + 40$                    | Quasi-peak | 3                        |
| 30MHz-88MHz       | 40.0                                | Quasi-peak | 3                        |
| 88MHz-216MHz      | 43.5                                | Quasi-peak | 3                        |
| 216MHz-960MHz     | 46.0                                | Quasi-peak | 3                        |
| 960MHz-1GHz       | 54.0                                | Quasi-peak | 3                        |
| Above 1GHz        | 54.0                                | Average    | 3                        |

Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

#### Field Strength of Fundamental Limit:

- The field strength of any emissions within the band 13.553-13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters. 15,848 microvolts/meter at 3 meters=124dBuV/m.
- Within the bands 13.410-13.553 MHz and 13.567-13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters. 334 microvolts/meter at 3 meters=94.47dBuV/m.
- Within the bands 13.410-13.553 MHz and 13.567-13.710 MHz, the field strength of any emissions shall not

exceed 334 microvolts/meter at 30 meters.

### 7.3 Test procedure

#### Below 1GHz test procedure as below:

- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotation table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a datasheet.

#### Above 1GHz test procedure as below:

- Different from above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change from table 0.8 meter to 1.5 meter (Above 18GHz the distance is 1 meter and table is 1.5 meter).
- Test the EUT in the lowest channel, the middle channel, the highest channel.
- Repeat above procedures until all frequencies measured were complete.

Receiver set:

| Frequency         | Detector   | RBW     | VBW    | Remark     |
|-------------------|------------|---------|--------|------------|
| 0.009MHz-0.090MHz | Peak       | 10kHz   | 30KHz  | Peak       |
| 0.009MHz-0.090MHz | Average    | 10kHz   | 30KHz  | Average    |
| 0.090MHz-0.110MHz | Quasi-peak | 10kHz   | 30KHz  | Quasi-peak |
| 0.110MHz-0.490MHz | Peak       | 10kHz   | 30KHz  | Peak       |
| 0.110MHz-0.490MHz | Average    | 10kHz   | 30KHz  | Average    |
| 0.490MHz -30MHz   | Quasi-peak | 10kHz   | 30kHz  | Quasi-peak |
| 30MHz-1GHz        | Quasi-peak | 120 kHz | 300KHz | Quasi-peak |
| Above 1GHz        | Peak       | 1MHz    | 3MHz   | Peak       |
|                   | Peak       | 1MHz    | 10Hz   | Average    |

## 7.4 Test Result

## Field Strength of Fundamental

| Frequency (MHz) | Reading (dBuV/m) | Correction Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Polar (H/V) | Detector |
|-----------------|------------------|-------------------------|-----------------|----------------|-------------|-------------|----------|
| 25.51           | 18.03            | 6.94                    | 24.97           | 50             | -25.03      | H           | Peak     |
| 25.51           | 22.27            | 6.9                     | 29.17           | 50             | -20.83      | V           | Peak     |
| 25.62           | 19.14            | 6.85                    | 25.99           | 50             | -24.01      | H           | Peak     |
| 25.62           | 22.16            | 6.83                    | 28.99           | 50             | -21.01      | V           | Peak     |
| 13.56           | 15.62            | 6.8                     | 22.42           | 50             | -27.58      | H           | Peak     |
| 13.56           | 18.02            | 6.94                    | 24.96           | 50             | -25.04      | V           | Peak     |
| 27.19           | 28.69            | 7.91                    | 36.60           | 100            | -63.40      | H           | Peak     |
| 27.19           | 19.28            | 7.91                    | 27.19           | 80             | -52.81      | H           | Average  |
| 27.17           | 49.43            | 7.91                    | 57.34           | 100            | -42.66      | V           | Peak     |
| 27.17           | 38.94            | 7.91                    | 46.85           | 80             | -33.15      | V           | Average  |

**Harmonics and Spurious Emissions****Frequency Range (9 kHz-30MHz)**

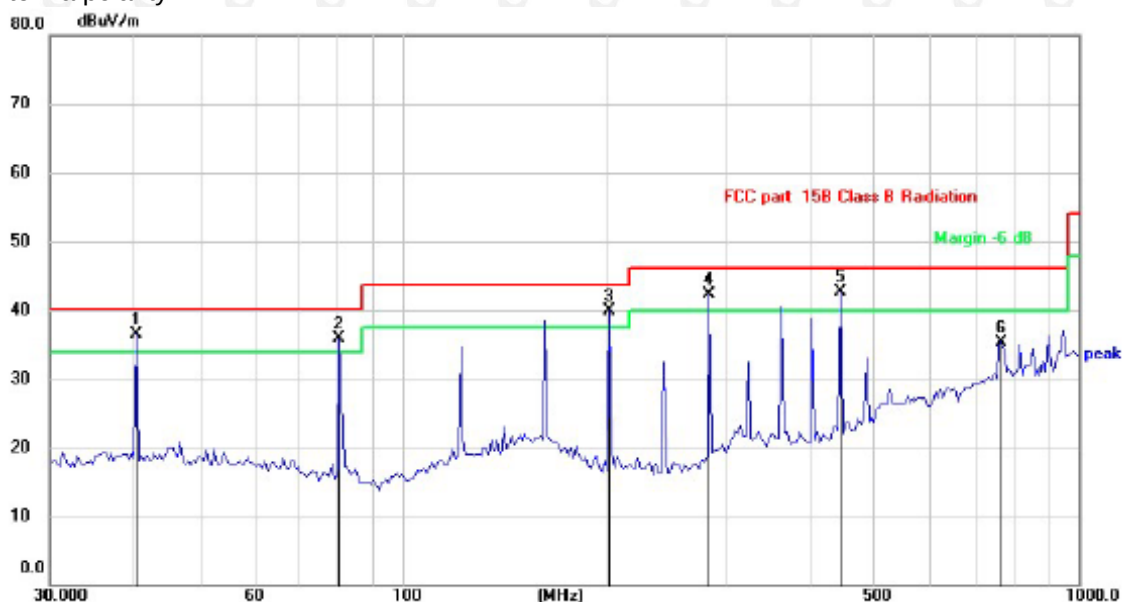
| Frequency (MHz) | Level@3m (dBμV/m) | Limit@3m (dBμV/m) |
|-----------------|-------------------|-------------------|
| --              | --                | --                |
| --              | --                | --                |
| --              | --                | --                |
| --              | --                | --                |

**Note:** 1. Emission Level=Reading+ Cable loss-Antenna factor-Amp factor

2. The emission levels are 20 dB below the limit value, which are not reported. It is deemed to comply with the requirement

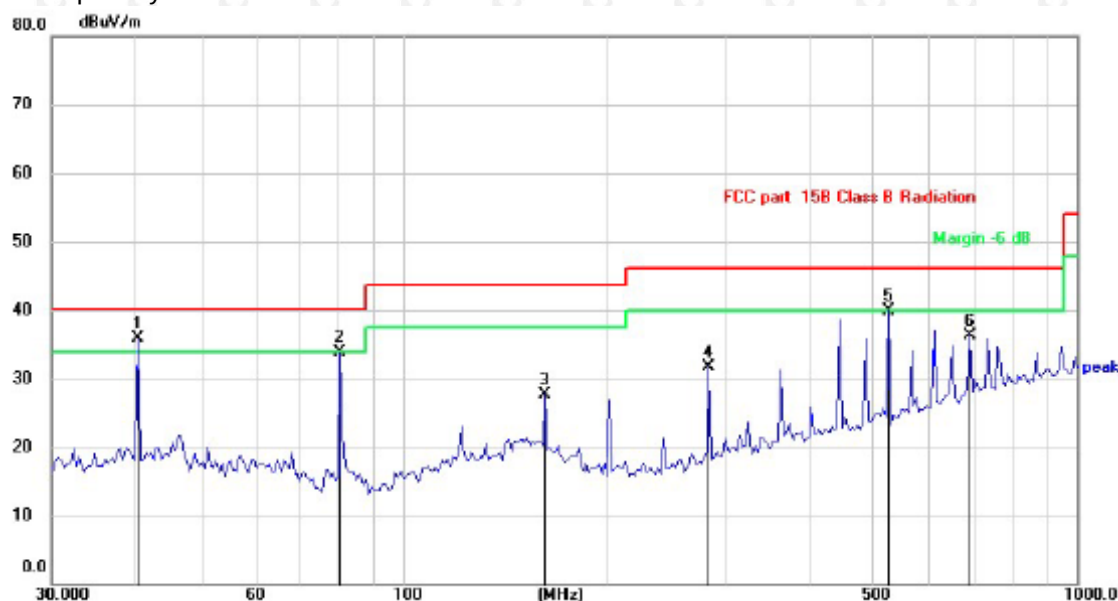
### About 30MHz-1GHz Test Results:

Antenna polarity: H



| No. | Mk. | Freq.    | Reading | Correct | Measure- | Limit | Over   |          |
|-----|-----|----------|---------|---------|----------|-------|--------|----------|
|     |     | MHz      | Level   | Factor  | ment     |       |        | Detector |
|     |     |          | dBuV    | dB      | dBuV/m   | dB/m  | dB     |          |
| 1   | !   | 40.4170  | 41.28   | -4.85   | 36.43    | 40.00 | -3.57  | QP       |
| 2   | !   | 80.7857  | 45.04   | -9.15   | 35.89    | 40.00 | -4.11  | QP       |
| 3   | !   | 202.8103 | 47.44   | -7.44   | 40.00    | 43.50 | -3.50  | QP       |
| 4   | !   | 285.4768 | 47.66   | -5.37   | 42.29    | 46.00 | -3.71  | QP       |
| 5   | *   | 446.4139 | 43.85   | -1.13   | 42.72    | 46.00 | -3.28  | QP       |
| 6   |     | 768.7481 | 29.46   | 5.84    | 35.30    | 46.00 | -10.70 | QP       |

Antenna polarity: V

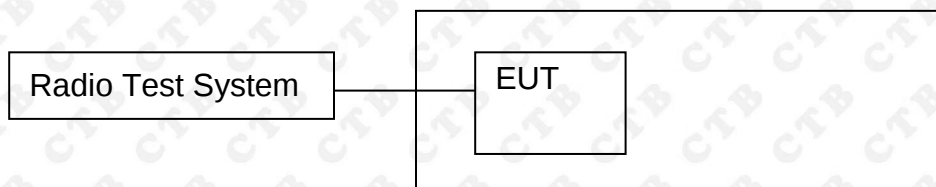


| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dB/m | Over<br>dB | Detector |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|---------------|------------|----------|
| 1   | *   | 40.4170      | 40.73                    | -4.85                   | 35.88                      | 40.00         | -4.12      | QP       |
| 2   |     | 80.7857      | 42.98                    | -9.15                   | 33.83                      | 40.00         | -6.17      | QP       |
| 3   |     | 162.8959     | 31.47                    | -3.78                   | 27.69                      | 43.50         | -15.81     | QP       |
| 4   |     | 285.4768     | 36.98                    | -5.37                   | 31.61                      | 46.00         | -14.39     | QP       |
| 5   |     | 527.3202     | 39.15                    | 0.75                    | 39.90                      | 46.00         | -6.10      | QP       |
| 6   |     | 691.9865     | 31.85                    | 4.40                    | 36.25                      | 46.00         | -9.75      | QP       |

Remark: 1. Factor = Cable lose + Antenna factor - Pre-amplifier; Margin = Limit – Level  
2. This EUT was tested in 3 axis and the worst case position data was reported.

## 8. OCCUPIEDBANDWIDTH

### 8.1 Block Diagram OfTestSetup



### 8.2 Limit

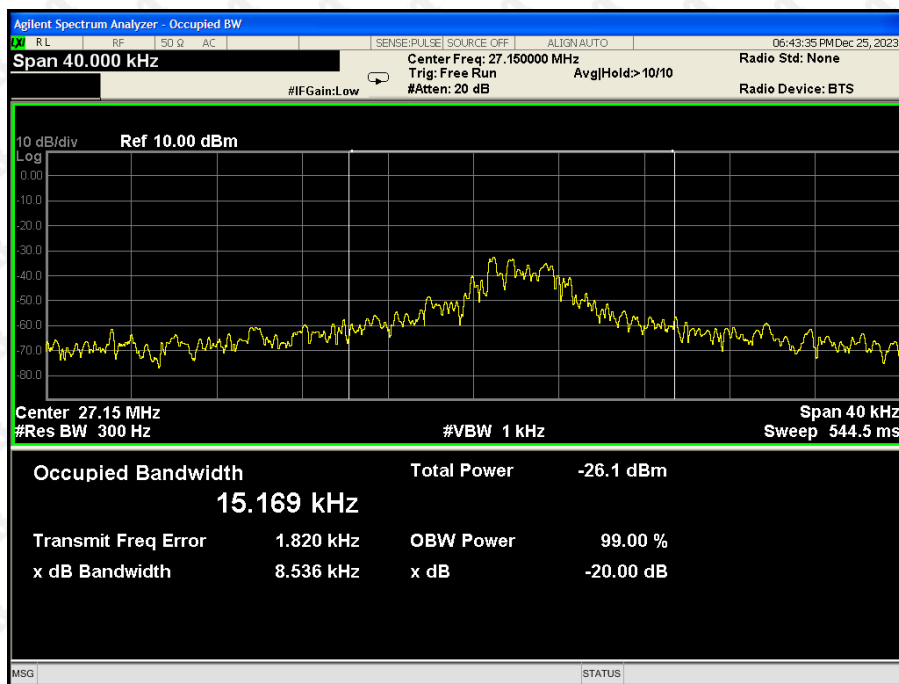
Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.217 through 15.257 and in subpart E of this part, must be designed to ensure that 20dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment compliance with the 20dB attenuation specification may base on measurement at the intentional radiator's antenna output terminal unless the intentional radiator uses a permanently attached antenna, in which case compliance shall be demonstrated by measuring the radiated emissions.

### 8.3 Testprocedure

1. Set RBW = 1kHz.
2. Set the video bandwidth (VBW) ≥ RBW.
3. Detector = Peak.
4. Trace mode = maxhold.
5. Sweep = autocouple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

## 8.4 Test Result

| Test Channel (MHz) | 20dB Occupy Bandwidth (kHz) | Limit (kHz) | Conclusion |
|--------------------|-----------------------------|-------------|------------|
| 27.15              | 8.536                       | N/A         | PASS       |



## **9. ANTENNA REQUIREMENT**

### **15.203 requirement:**

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, 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.

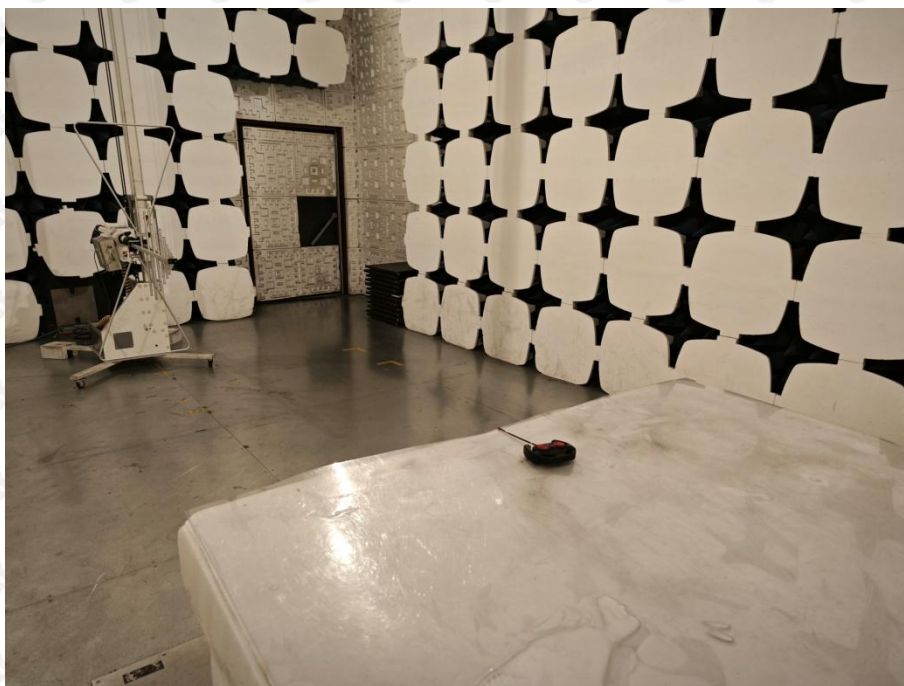
### **EUT Antenna:**

The antenna is External antenna and no consideration of replacement. The best case gain of the antenna is 1dBi.

**10. EUT TEST SETUPPHOTOGRAPHS**

Radiated Emission

30M-1GHz



9KHz-30M



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