



## FCC Test Report

Test Report  
On Behalf of  
SAN FORD MACHINERY CO., LTD.  
For  
ZF954-K4S Remote control  
Model No.: ZF954-K4S

FCC ID: 2BWDOZF954-K4S

Prepared For: SAN FORD MACHINERY CO., LTD.  
No. 9, Lane 119, Section 3, Dafeng Rd., Tanzih Distr., Taichung City, Taiwan 427

Prepared By: WH Technology Corp.  
7F., No.262, Sec. 3, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan, (R.O.C.)



Date of Test: Apr. 30, 2026 ~ Apr. 30, 2026  
Date of Report: May 04, 2026  
Report Number: WH-FCC-R26040905



### Test Result Certification

**Applicant's Name**..... : SAN FORD MACHINERY CO., LTD.

**Address** ..... : No. 9, Lane 119, Section 3, Dafeng Rd., Tanzih Distr., Taichung City, Taiwan 427

**Manufacturer's Name** ..... : SAN FORD MACHINERY CO., LTD.

**Address** ..... : No. 9, Lane 119, Section 3, Dafeng Rd., Tanzih Distr., Taichung City, Taiwan 427

#### Product Description

**Trade Mark** ..... : N/A

**Product Name**..... : ZF954-K4S Remote control

**Model and/or Type Reference** : ZF954-K4S

**Standards**..... : FCC Part15 Subpart C, Section 15.231  
ANSI C63.10: 2020

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**Date of Test**..... :

**Date (s) of Performance of Tests** ..... : **Apr. 30, 2026 ~ Apr. 30, 2026**

**Date of Issue**..... : **May 04, 2026**

**Test Result** ..... : **Pass**

Testing Engineer

Bing

Technical Manager

Bell

Authorized Signatory

Alex Chou



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**\*\* Issued history \*\***

| Revision     | Description                 | Issued Date  | Remark |
|--------------|-----------------------------|--------------|--------|
| Revision 1.0 | Initial Test Report Release | May 04, 2026 |        |
|              |                             |              |        |
|              |                             |              |        |



## 1. Summary

### 1.1 Test Procedures and Results

| Standard Section                                                                                                                                                                                                                                    | Test Item               | Result |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------|
| 15.203                                                                                                                                                                                                                                              | Antenna Requirement     | PASS   |
| 15.207                                                                                                                                                                                                                                              | AC Conducted Emission   | N/A    |
| 15.205/15.209/15.231(b)                                                                                                                                                                                                                             | Spurious Emission       | PASS   |
| 15.231(c)                                                                                                                                                                                                                                           | 20dB Occupied Bandwidth | PASS   |
| 15.231(a)                                                                                                                                                                                                                                           | Deactivation Testing    | PASS   |
| <b>Note:</b><br><br>1. PASS: Test item meets the requirement.<br>2. Fail: Test item does not meet the requirement.<br>3. N/A: Test case does not apply to the test object.<br>4. The test result judgment is decided by the limit of test standard. |                         |        |

### 1.2 Information of the Test Laboratory

WH Technology Corp.

7F., No.262, Sec. 3, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan, (R.O.C.)

Designation Number: TW2954

Test Firm Registration Number: 691065



### **1.3 Measurement Uncertainty**

The reported uncertainty of measurement  $y \pm U$ , where expanded uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95%.

**Test Result measurement is not including uncertainty.**



## 2. General Information

### 2.1 Description of Device (EUT)

|                     |   |                          |             |
|---------------------|---|--------------------------|-------------|
| Product Name        | : | ZF954-K4S Remote control |             |
| Model No.           | : | ZF954-K4S                |             |
| Series Model(s)     | : | N/A                      |             |
| Model Difference    | : | N/A                      |             |
| Test Power Supply   | : | DC12V From Battery       |             |
| Product Description | : | Operation Frequency:     | 433.88 MHz  |
|                     |   | Number of Channel:       | 1 Channels  |
|                     |   | Modulation Type:         | ASK         |
|                     |   | Antenna Type:            | PCB antenna |
|                     |   | Antenna Gain(Peak):      | 0 dBi       |

**Remark:**

- 1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
- 2) Antenna gain Refer to the antenna specifications.
- 3) The cable loss data is obtained from the supplier.
- 4) The test results in the report only apply to the tested sample.

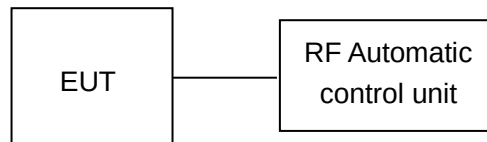


## 2.2 Description of Test Setup

Operation of EUT during Radiation testing:



Operation of EUT during RF Conducted testing:



The sample was placed (0.8m below 1GHz, 1.5m above 1GHz) above the ground plane of 3m open site. 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. The worst case is X position.



## 2.3 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| Item | Equipment                | Trade Mark | Model/Type No. | Specification | Note |
|------|--------------------------|------------|----------------|---------------|------|
| 1    | ZF954-K4S Remote control | N/A        | ZF954-K4S      | N/A           | EUT  |
|      |                          |            |                |               |      |
|      |                          |            |                |               |      |

**Note:**

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.
3. For conducted measurements (20dB Occupy Bandwidth, Transmission Time, Duty Cycle), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.

## 2.4 List of Channels

| Channel | Freq.<br>(MHz) | Note<br>(Modulation Type) |
|---------|----------------|---------------------------|
| 01      | 433.88         | ASK                       |

**2.5 Test Equipment List**

| Conducted emission           |                |                                    |              |               |            |
|------------------------------|----------------|------------------------------------|--------------|---------------|------------|
| Instrument                   | Manufacturer   | Model No.                          | Serial No.   | Cali Due Date | Cali. Date |
| EMI Test Receiver            | PMM            | 9010F                              | 190ZW40510   | 2027/01/11    | 2026/01/12 |
| Spectrum Analyzer            | R&S            | FSP3                               | 833387/010   | 2027/04/12    | 2026/04/13 |
| Two-Line V-Network           | R&S            | NNB-2/16z                          | 98062        | 2027/03/15    | 2026/03/16 |
| Test Cable                   | N/A            | N/A                                | WH-CON03     | 2027/04/06    | 2026/04/07 |
| Measurement Software         | AUDIX          | e3                                 | 230427 wh,V9 | N/A           | N/A        |
| Radiated emission Below 1GHz |                |                                    |              |               |            |
| Instrument                   | Manufacturer   | Model No.                          | Serial No.   | Cali Due Date | Cali. Date |
| Bilog antenna                | Schwarzbeck    | VULB 9168                          | 01712        | 2026/09/10    | 2025/09/11 |
| LOOP Antenna                 | COM-POWER      | AL-130                             | 17117        | 2027/04/26    | 2026/04/27 |
| Pre-amplifier                | EMCI           | EMC9135                            | 980334       | 2027/03/26    | 2026/03/27 |
| Cable                        | EMCI           | N male on end of both sides (EMI4) | 30m          | 2027/04/06    | 2026/04/07 |
| Receiver                     | R&S            | ESVS30                             | 826006/002   | 2027/03/11    | 2026/03/12 |
| Spectrum Analyzer            | R&S            | FSP7                               | 830180/009   | 2027/03/16    | 2026/03/17 |
| Measurement Software         | AUDIX          | e3                                 | V6.101222a   | N/A           | N/A        |
| Radiated emission Above 1GHz |                |                                    |              |               |            |
| Instrument                   | Manufacturer   | Model No.                          | Serial No.   | Cali Due Date | Cali. Date |
| Horn antenna                 | ETS LINDGREN   | 3117                               | 00114397     | 2026/10/02    | 2025/10/03 |
| Horn antenna                 | com-power      | AH-826                             | 81000        | 2026/10/06    | 2025/10/07 |
| Horn antenna                 | Schwarzbeck    | BBHA9170                           | #687         | 2026/07/01    | 2025/07/02 |
| Pre-amplifier                | EMCI           | EMC051845                          | 980108       | 2026/06/19    | 2025/06/20 |
| Pre-amplifier                | MITEQ          | JS4-1800260 0-30-5A                | 808329       | 2026/09/18    | 2025/09/19 |
| Pre-amplifier                | EMC INSTRUMENT | EMC264035 SE                       | 980288       | 2026/06/19    | 2025/06/20 |
| RF CABLE                     | SUCOFLEX       | 104PEA                             | 33957/4PEA   | 2026/09/18    | 2025/09/19 |
| RF CABLE                     | AGILENT        | EMC102-KM-KM-3000                  | 160101       | 2026/09/18    | 2025/09/19 |
| RF CABLE                     | AGILENT        | EMC102-KM-KM-600                   | 160102       | 2026/09/18    | 2025/09/19 |
| Spectrum Analyzer            | R&S            | FSP7                               | 830180/009   | 2027/03/16    | 2026/03/17 |



---

|                      |           |        |            |            |            |
|----------------------|-----------|--------|------------|------------|------------|
| Spectrum Analyzer    | AGILENT   | N9010A | MY51280195 | 2027/03/16 | 2026/03/17 |
| Spectrum Analyzer    | ADVANTEST | R3182  | 150900201  | 2027/03/16 | 2026/03/17 |
| Measurement Software | AUDIX     | e3     | V6.101222a | N/A        | N/A        |



### 3. AC Conducted Emission Test

#### 3.1 AC Conducted Power Line Emission Limit

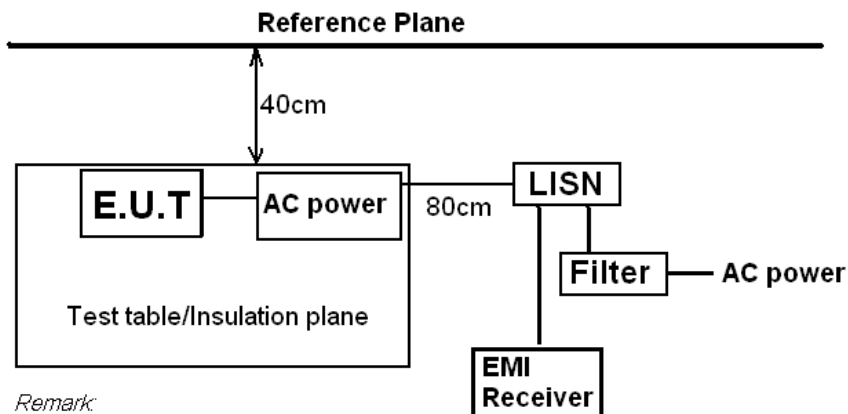
For unintentional device, according to § 15.107(a) Line Conducted Emission Limits is as following

| Frequency<br>(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     |

\* Decreasing linearly with the logarithm of the frequency

For intentional device, according to §15.207(a) Line Conducted Emission Limit is same as above table.

#### 3.2 Test Setup



Remark:

E.U.T: Equipment Under Test

LISN: Line Impedance Stabilization Network

Test table height=0.8m

#### 3.3 Test Procedure

1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10.
2. Support equipment, if needed, was placed as per ANSI C63.10.
3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
4. If a EUT received DC power from the USB Port of Notebook PC, the PC's adapter received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
5. All support equipments received AC power from a second LISN, if any.
6. The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
7. Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.



### 3.4 Test Data

Not applicable.

Note: EUT Power Supply by Battery Powered, so this test item not applicable.



## 4. Radiated Emissions

### 4.1 Standard Applicable

According to §15.231(b), the field strength of emissions from intentional radiators operated under this section shall not exceed the following:

| Fundamental Frequency (MHz) | Field Strength of Fundamental (microvolts/meter) | Field Strength of Spurious Emissions (microvolts/meter) |
|-----------------------------|--------------------------------------------------|---------------------------------------------------------|
| 40.66 - 40.70               | 2,250                                            | 225                                                     |
| 70 - 130                    | 1,250                                            | 125                                                     |
| 130 - 174                   | 1,250 to 3,750 **                                | 125 to 375 **                                           |
| 174 - 260                   | 3,750                                            | 375                                                     |
| 260 - 470                   | 3,750 to 12,500 **                               | 375 to 1,250 **                                         |
| Above 470                   | 12,500                                           | 1,250                                                   |

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\*\* linear interpolations

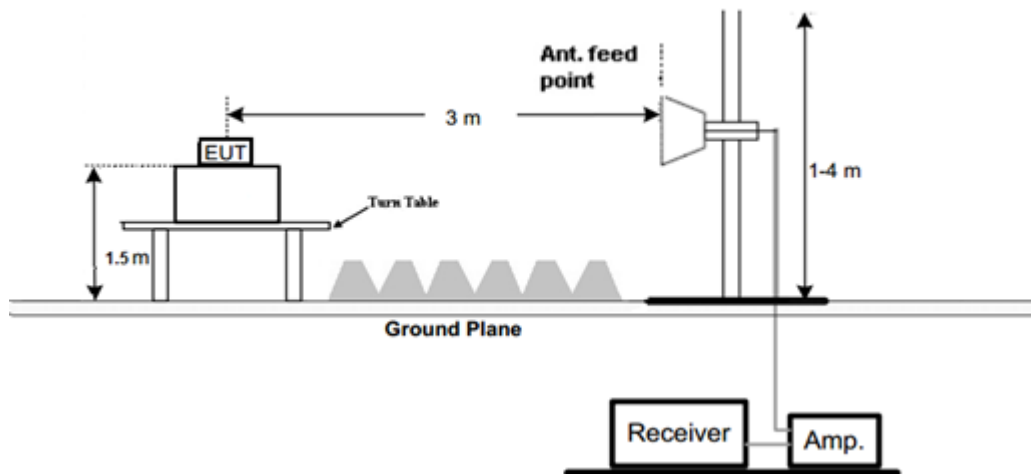
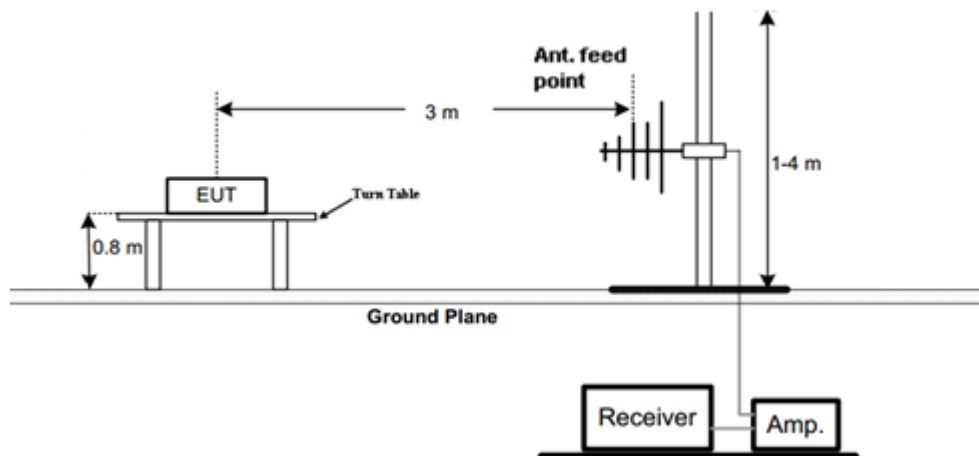
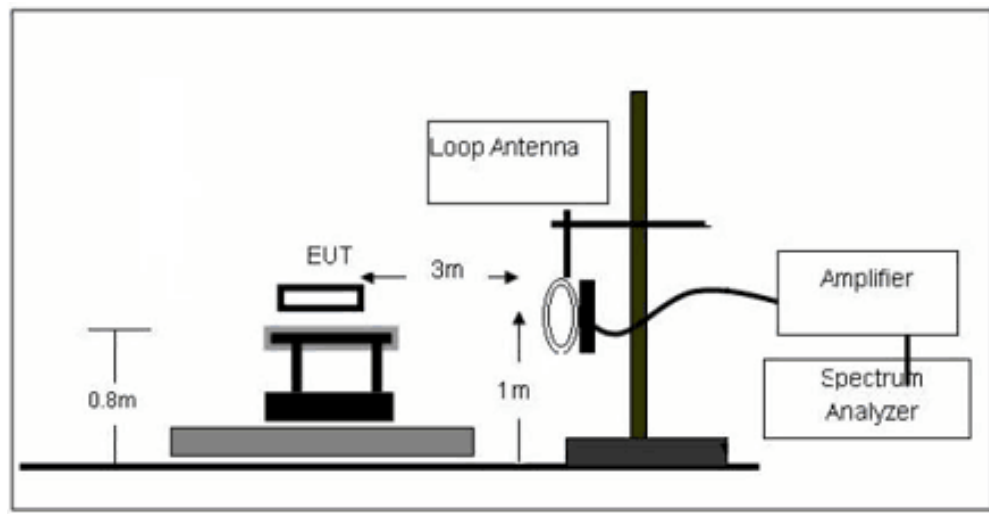
The limits on the field strength of the spurious emissions in the above table are based on the fundamental frequency of the intentional radiator. Spurious emissions shall be attenuated to the average (or, alternatively, CISPR quasi-peak) limits shown in this table or to the general limits shown in §15.209, whichever limit permits a higher field strength.

The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions apply. Spurious Radiated Emissions measurements starting below or at the lowest crystal frequency.

Compliance with the provisions of §15.205 shall be demonstrated using the measurement instrumentation specified in that section.

### 4.2 Test Procedure

The setup of EUT is according with per ANSI C63.10: 2020 measurement procedure. The specification used was with the FCC Part 15.205 15.231(b) and FCC Part 15.209 Limit.





#### 4.3 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and the Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

$$\text{Corr. Ampl.} = \text{Indicated Reading} + \text{Ant. Loss} + \text{Cab. Loss} - \text{Ampl. Gain}$$

The "Margin" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -6dB  $\mu$  V means the emission is 6dB  $\mu$  V below the maximum limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part15C Limit}$$

#### 4.4 Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 18 °C     |
| Relative Humidity: | 69 %      |
| ATM Pressure:      | 1011 mbar |

#### 4.5 Test Data

According to the data below, the FCC Part 15.205, 15.209 and 15.231 standards, and had the worst margin of:

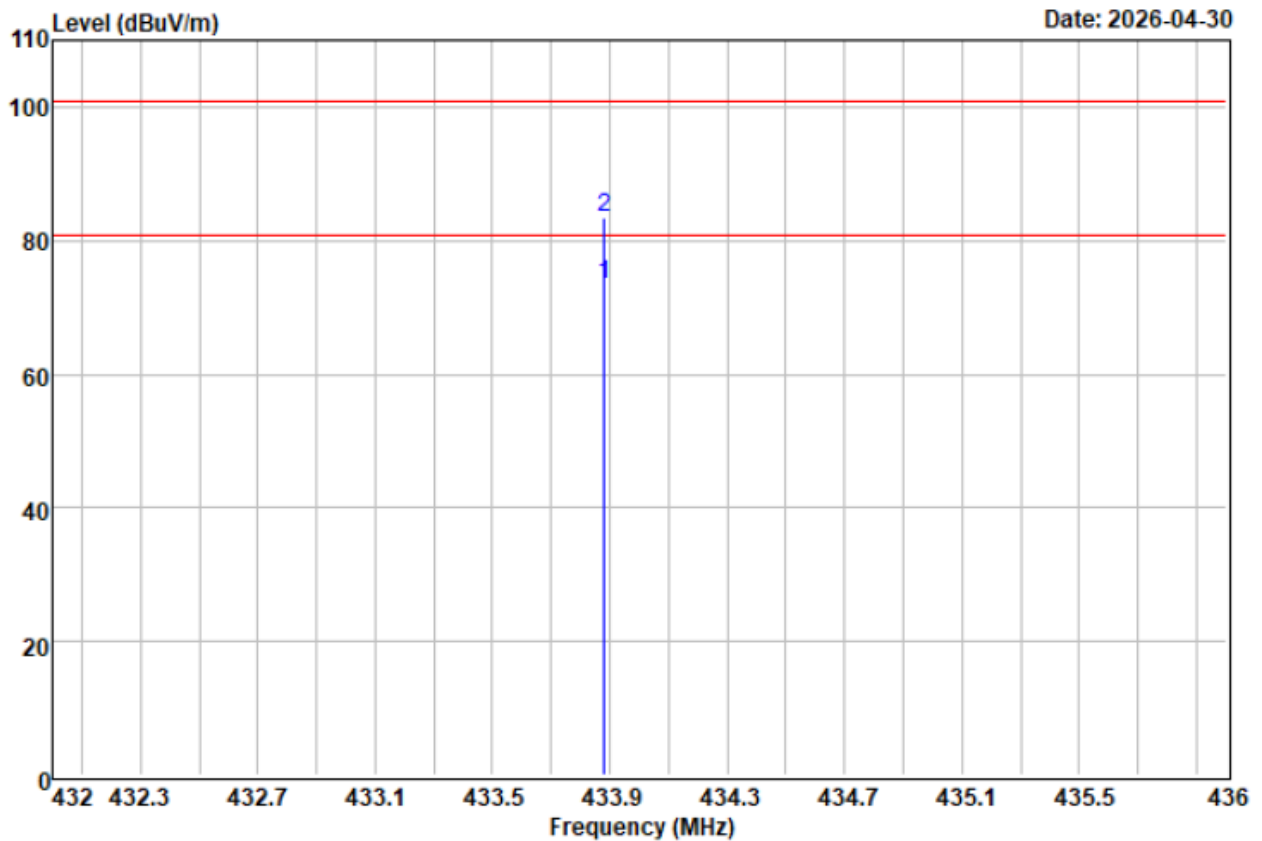
Note: this EUT was tested in 3 orthogonal positions and the worst case position data was reported.

(Fundamental 433.88 MHz)



Radiated Emission

Antenna polarity: Horizontal

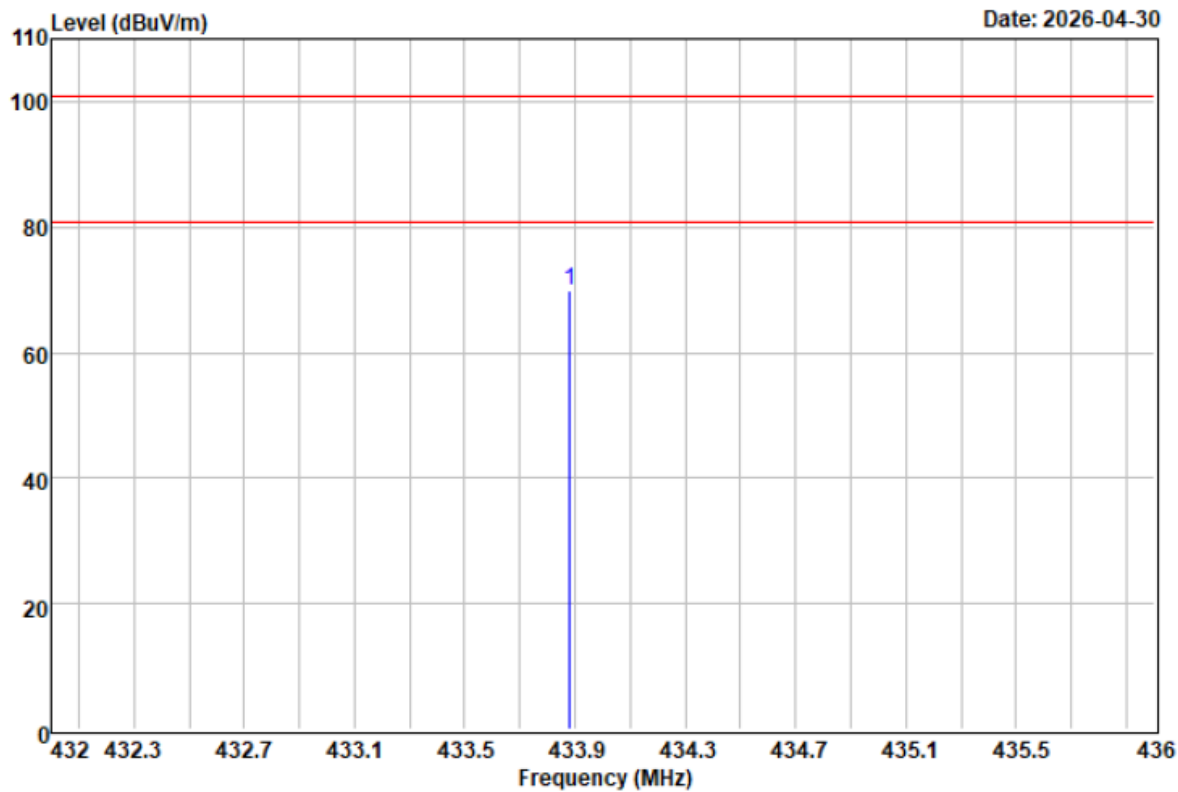


Remarks : 1.Result=Read Value+Factor  
: 2.Factor=Antenna Factor-Cable loss-  
: Amplifier Factor

|     |         | Read  |        | Limit  | Over   |               |
|-----|---------|-------|--------|--------|--------|---------------|
|     | Freq    | Level | Factor | Level  | Line   | Limit Remark  |
|     | MHz     | dBuV  | dB/m   | dBuV/m | dBuV/m | dB            |
| 1 @ | 433.880 | 82.96 | -9.67  | 73.29  | 80.82  | -7.53 Average |
| 2 @ | 433.880 | 93.06 | -9.67  | 83.39  | 100.82 | -17.43 Peak   |



Antenna polarity: Vertical



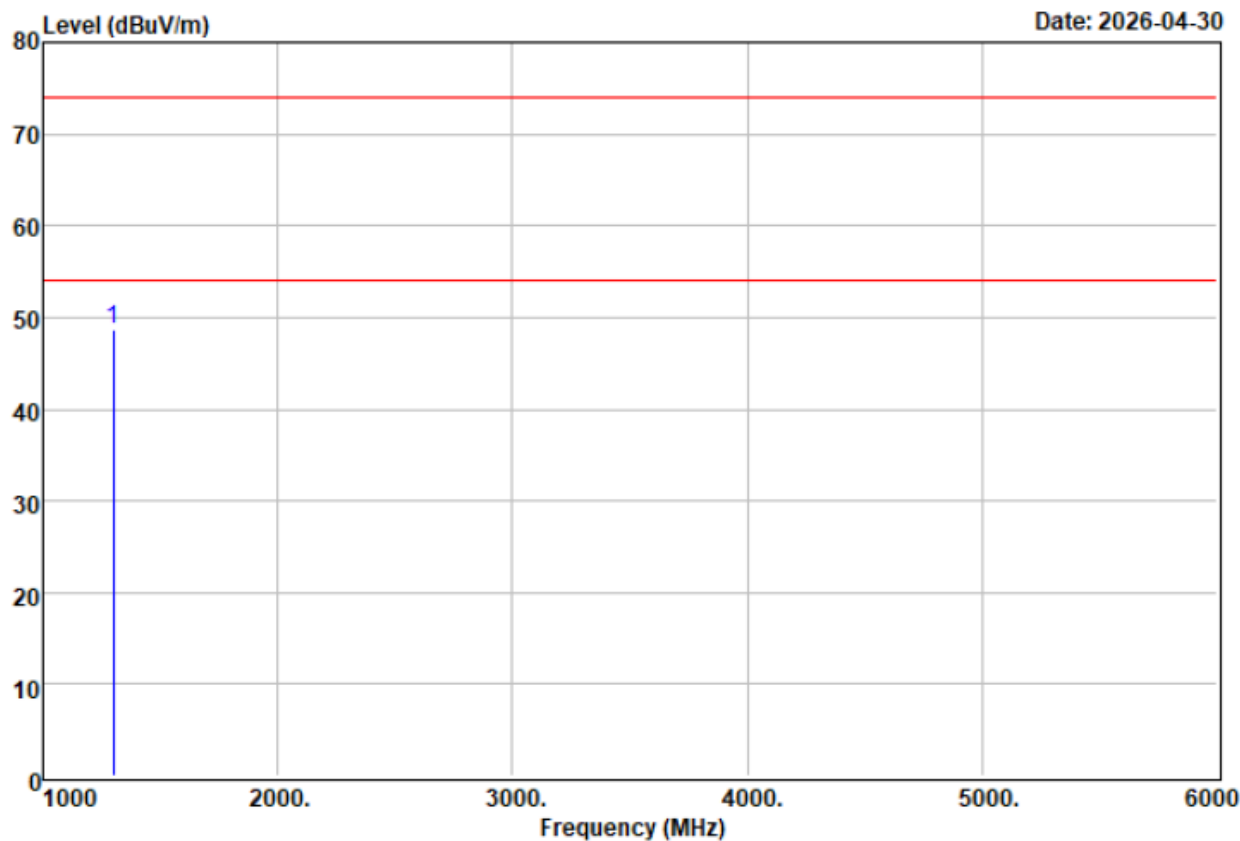
Remarks : 1.Result=Read Value+Factor  
: 2.Factor=Antenna Factor-Cable loss-  
: Amplifier Factor

|             |       | Read   |        | Limit  |        | Over | Remark |
|-------------|-------|--------|--------|--------|--------|------|--------|
| Freq        | Level | Factor | Level  | Line   | Limit  |      |        |
| MHz         | dBuV  | dB/m   | dBuV/m | dBuV/m | dB     |      |        |
| 1 @ 433.880 | 79.50 | -9.67  | 69.83  | 100.82 | -30.99 | Peak |        |



Above 1GHz Test Results

Antenna polarity: Horizontal

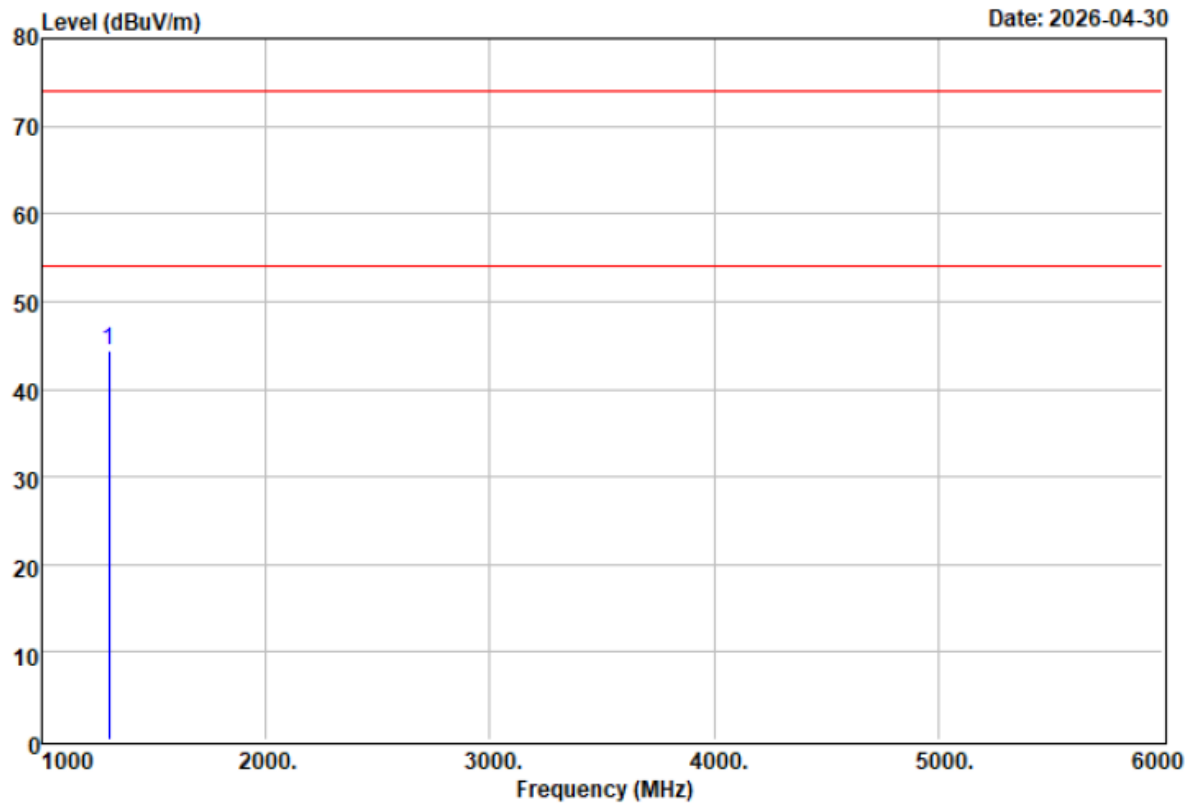


Remarks : 1.Result=Read Value+Factor  
: 2.Factor=Antenna Factor-Cable loss-  
: Amplifier Factor

|              | Read  |        |        | Limit  | Over   |        |
|--------------|-------|--------|--------|--------|--------|--------|
| Freq         | Level | Factor | Level  | Line   | Limit  | Remark |
| MHz          | dBuV  | dB/m   | dBuV/m | dBuV/m | dB     |        |
| 1 @ 1301.640 | 67.44 | -18.74 | 48.70  | 74.00  | -25.30 | Peak   |



Antenna polarity: Vertical



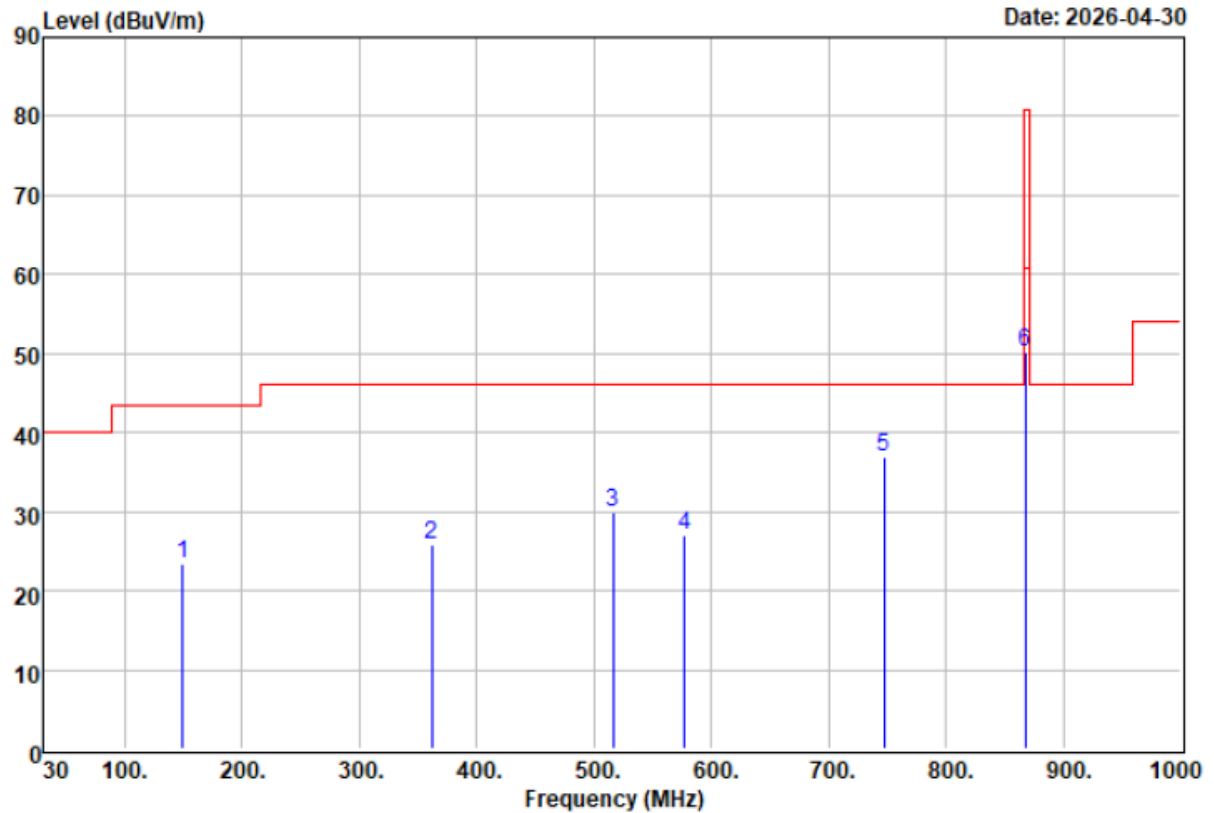
Remarks : 1.Result=Read Value+Factor  
: 2.Factor=Antenna Factor-Cable loss-  
: Amplifier Factor

|      | Read     |        | Limit  |        | Over   |             |
|------|----------|--------|--------|--------|--------|-------------|
| Freq | Level    | Factor | Level  | Line   | Limit  | Remark      |
|      | MHz      | dBuV   | dB/m   | dBuV/m | dBuV/m | dB          |
| 1 @  | 1301.640 | 63.06  | -18.74 | 44.32  | 74.00  | -29.68 Peak |



Frequency Range (30MHz -1000MHz)

Antenna polarity: Horizontal

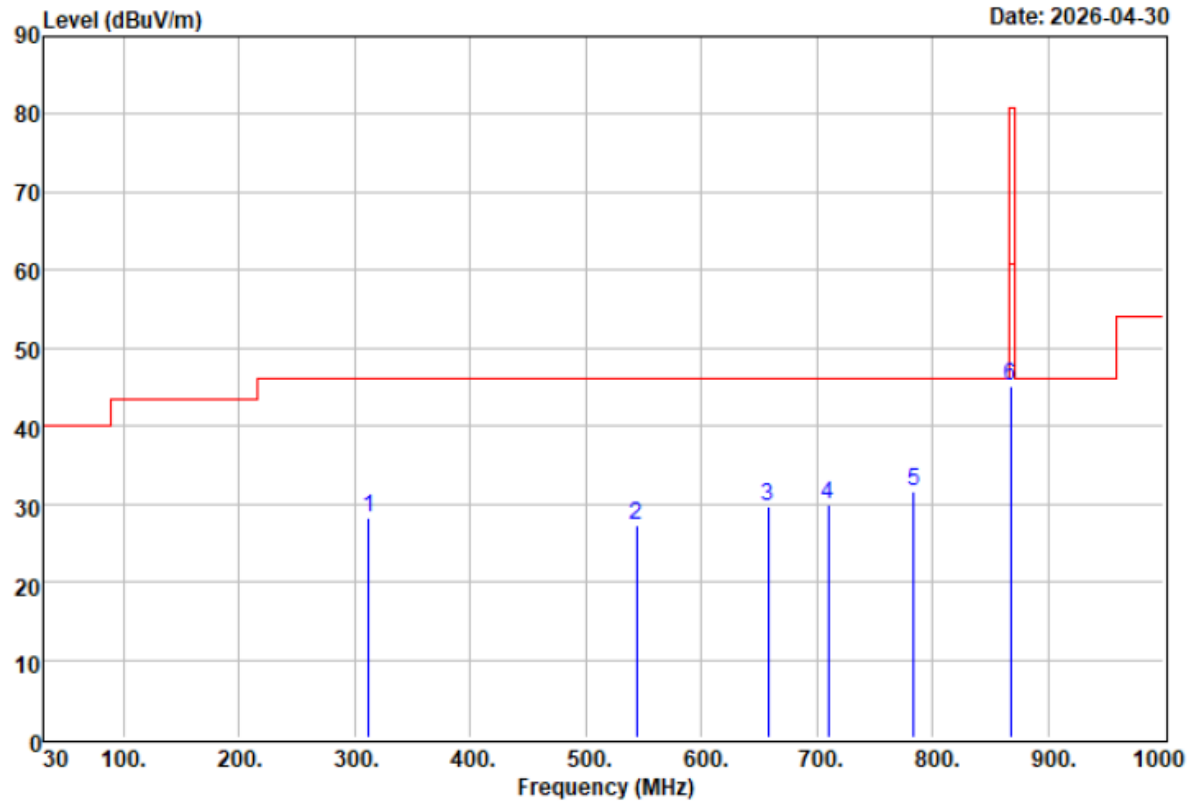


Remarks : 1.Result=Read Value+Factor  
: 2.Factor=Antenna Factor-Cable loss-  
: Amplifier Factor

|     |         | Read  |        |        | Limit  | Over   |        |
|-----|---------|-------|--------|--------|--------|--------|--------|
|     | Freq    | Level | Factor | Level  | Line   | Limit  | Remark |
|     | MHz     | dBuV  | dB/m   | dBuV/m | dBuV/m | dB     |        |
| 1   | 149.500 | 38.02 | -14.71 | 23.31  | 43.50  | -20.19 | QP     |
| 2   | 361.800 | 37.27 | -11.51 | 25.76  | 46.00  | -20.24 | QP     |
| 3   | 516.410 | 37.81 | -7.87  | 29.94  | 46.00  | -16.06 | QP     |
| 4   | 577.590 | 33.86 | -6.77  | 27.09  | 46.00  | -18.91 | QP     |
| 5 @ | 747.660 | 39.76 | -2.87  | 36.89  | 46.00  | -9.11  | QP     |
| 6 @ | 867.760 | 51.21 | -1.10  | 50.11  | 80.82  | -30.71 | Peak   |



Antenna polarity: Vertical



Remarks : 1.Result=Read Value+Factor  
: 2.Factor=Antenna Factor-Cable loss-  
: Amplifier Factor

|     | Freq    | Read Level | Factor | Level  | Limit Line | Over Limit | Remark |
|-----|---------|------------|--------|--------|------------|------------|--------|
|     | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m     | dB         |        |
| 1   | 311.800 | 41.19      | -12.84 | 28.35  | 46.00      | -17.65     | QP     |
| 2   | 543.700 | 34.54      | -7.35  | 27.19  | 46.00      | -18.81     | QP     |
| 3   | 657.900 | 34.66      | -5.08  | 29.58  | 46.00      | -16.42     | QP     |
| 4   | 709.600 | 33.65      | -3.64  | 30.01  | 46.00      | -15.99     | QP     |
| 5 @ | 783.720 | 34.21      | -2.52  | 31.69  | 46.00      | -14.31     | QP     |
| 6 @ | 867.760 | 46.16      | -1.10  | 45.06  | 80.82      | -35.76     | Peak   |



## 5. 20dB Occupy Bandwidth Test

### 5.1 Standard Applicable

According to FCC Part 15.231(c), The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900MHz. Bandwidth is determined at the points 20 dB down from the modulated carrier.

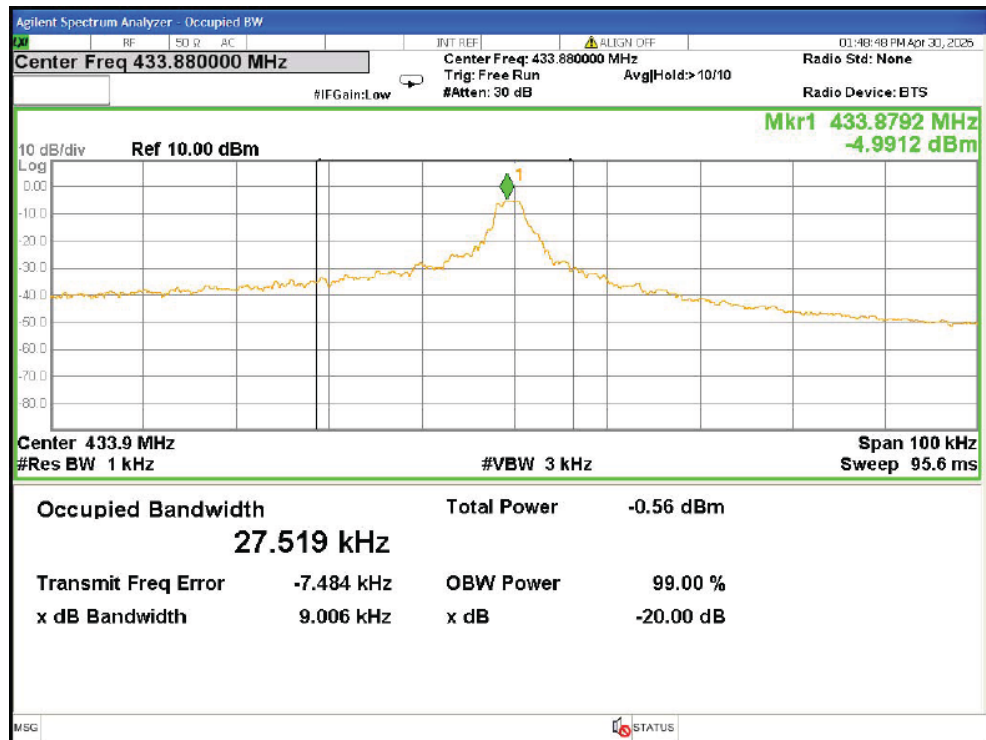
### 5.2 Test Procedure

With the EUT's antenna attached, the EUT's 20dB Bandwidth power was received by the test antenna, which was connected to the spectrum analyzer with the START, and STOP frequencies set to the EUT's operation band.

|                    |           |
|--------------------|-----------|
| Temperature:       | 18 °C     |
| Relative Humidity: | 69 %      |
| ATM Pressure:      | 1011 mbar |

### 5.3 Test Data

| Freq.<br>(MHz) | Modulation Type | Bandwidth (kHz) | Limit (kHz) | Results |
|----------------|-----------------|-----------------|-------------|---------|
| 433.88         | ASK             | 9.006           | <1084.7     | PASS    |





## **6. Transmission Time**

### **6.1 Standard Applicable**

According to FCC Part 15.231(a), the transmitter shall be complied the following requirements:

- (1) A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.
- (2) A transmitter activated automatically shall cease transmission within 5 seconds after activation.
- (3) Periodic transmissions at regular predetermined intervals are not permitted. However, polling or supervision transmissions, including data, to determine system integrity of transmitters used in security or safety applications are allowed if the total duration of transmissions does not exceed more than two seconds per hour for each transmitter. There is no limit on the number of individual transmissions, provided the total transmission time does not exceed two seconds per hour.

### **6.2 Test Procedure**

With the EUT's antenna attached, the EUT's output signal was received by the test antenna, which was connected to the spectrum analyzer. Set the center frequency to 433.88 MHz, than set the spectrum analyzer to Zero Span for the release time reading. During the testing, the switch was released then the EUT automatically deactivated.

### **6.3 Environmental Conditions**

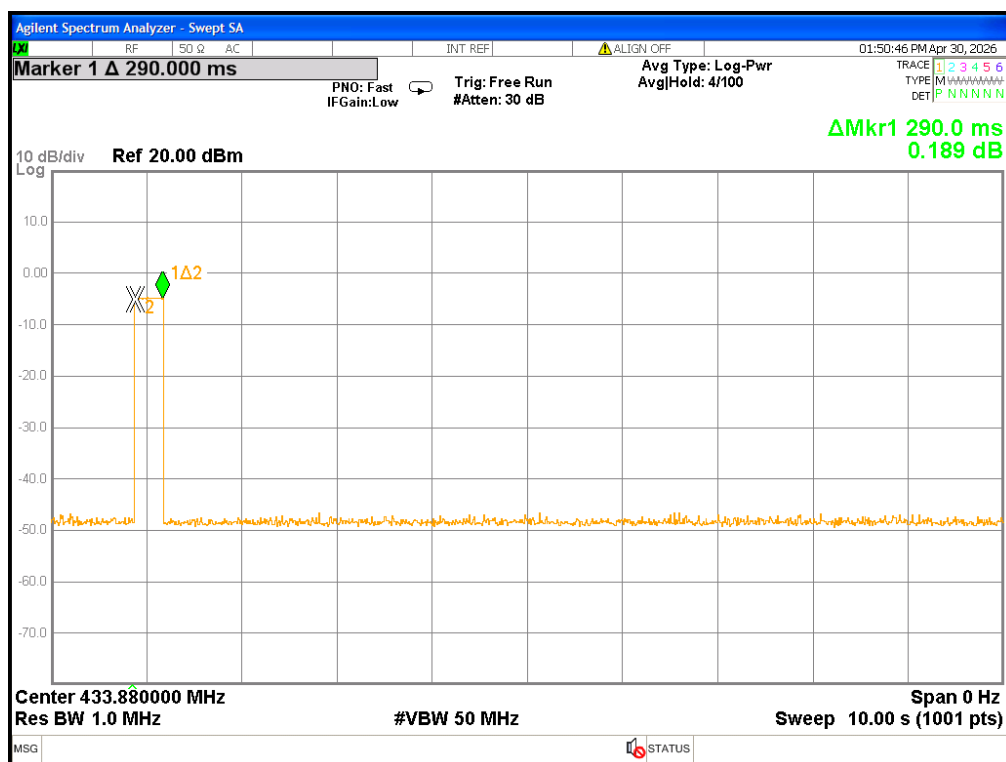
|                    |           |
|--------------------|-----------|
| Temperature:       | 18 °C     |
| Relative Humidity: | 69 %      |
| ATM Pressure:      | 1011 mbar |



## 6.4 Test Data

| Transmission Type | Test Frequency<br>MHz | Transmission Time<br>seconds | Limit<br>s | Result |
|-------------------|-----------------------|------------------------------|------------|--------|
| Manually          | 433.88                | 0.29                         | 5          | PASS   |

Please refer the following plot.





## 7. Duty Cycle

### 7.1 Standard Applicable

According to FCC Part 15.231(b)(2) and 15.35 (c), For pulse operation transmitter, the averaging pulsed emissions are calculated by peak value of measured emission plus duty cycle factor.

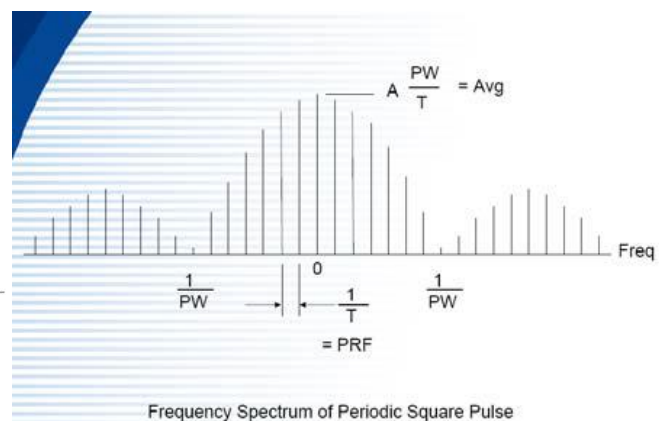
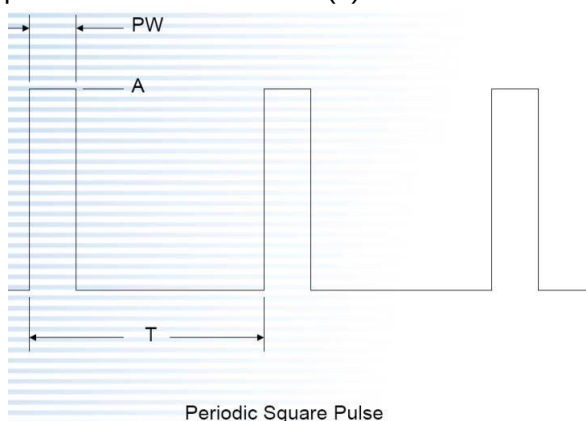
### 7.2 Test Procedure

- 1) The EUT was placed on a turntable which is 0.8m above ground plane.
- 2) Set EUT operating in continuous transmitting mode
- 3) Set Test Receiver into spectrum analyzer mode, Tune the spectrum analyzer to the transmitter carrier frequency, and set the spectrum analyzer resolution bandwidth(RBW) to 1000kHz and video bandwidth(VBW) to 1000kHz, Span was set to 0Hz.
- 4) The Duty Cycle was measured and recorded.

### 7.3 Introduction to PDCF Reference:

(§15.35 Measurement detector functions and bandwidths.)

1) Part 15 of the FCC Rules provides for the operation of low power communication devices without an individual license (e.g., intrusion detectors, pulsed water tank level gauges, etc.), subject to certain requirements. Some of these devices use extremely narrow pulses to generate wideband emissions, which are measured to determine compliance with the rules. These measurements are typically performed with a receiver or spectrum analyzer. Depending on a number of factors (e.g., resolution bandwidth, pulse width, etc.), the spectrum analyzer may not always display the true peak value of the measured emission. This effect, called “pulse desensitization,” relates to the capabilities of the measuring instrument. For the measurement and reporting of the true peak of pulsed emissions, it may be necessary to apply a “pulse desensitization correction factor” (PDCF) to the measured value, pursuant to 47 CFR 15.35(a).





If using spectrum analyzer to measure pulse signal, it have to make sure the RBW use is at least  $2/PW$ .  
•When RBW is less than  $2/PW$ , you are able to measure the true peak level of the pulse signal. If this is the case.

PDCF is required to compensate to determine true peak value.

Pulse desensitization:

$PW = 29250\mu\text{sec}$  ( $0.6 * 13 + 1.65 * 13$ ), Period= $67500\mu\text{sec}$ , Level=A

$RBW > 2/PW = 0.068\text{K}$ ,  $1/T = 0.15\text{K}$

NOTE:  $2 / PW < RBW$ , first don't need

2). For the actual test, please refer to the ANSI C63.10, Annex C refer to section 5 for more detail

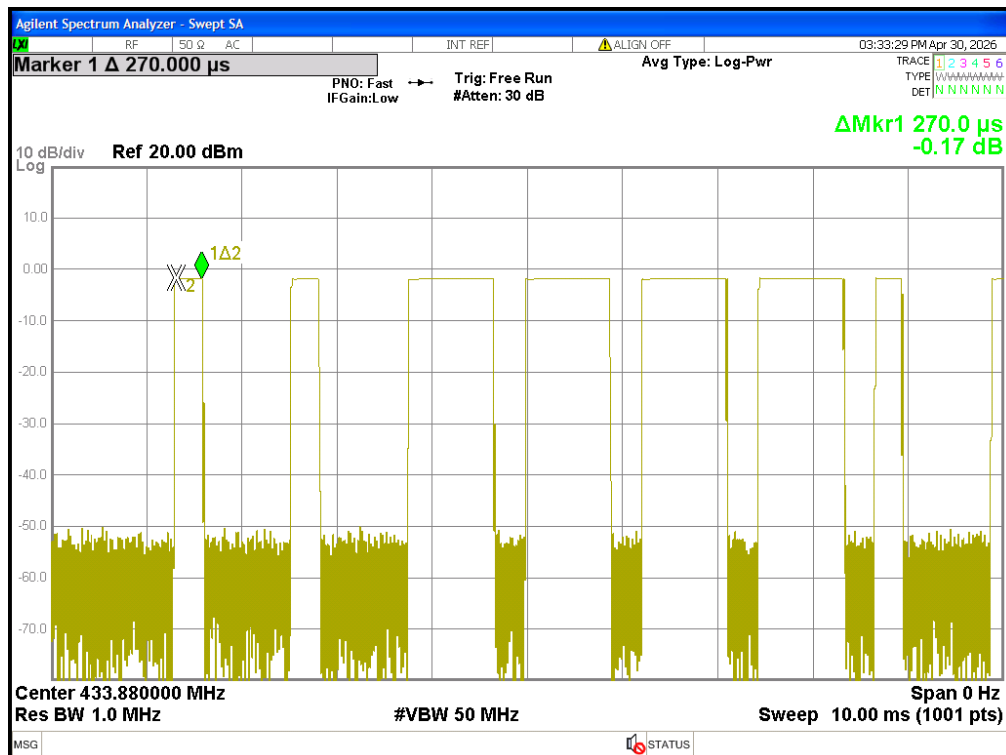
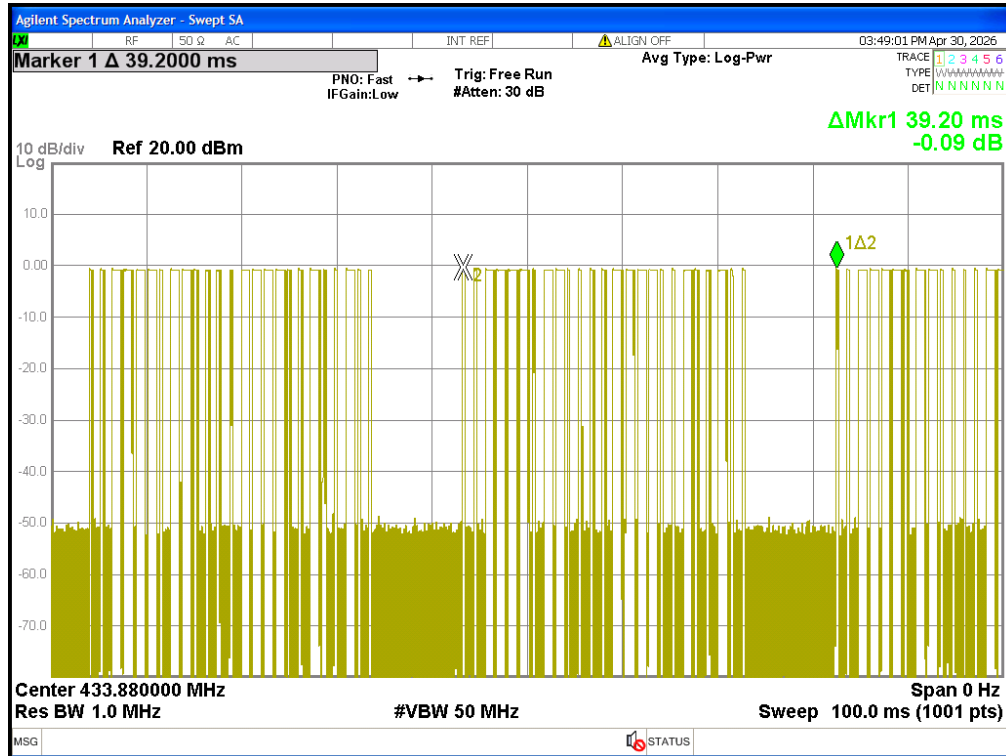
#### 7.4 Test Data

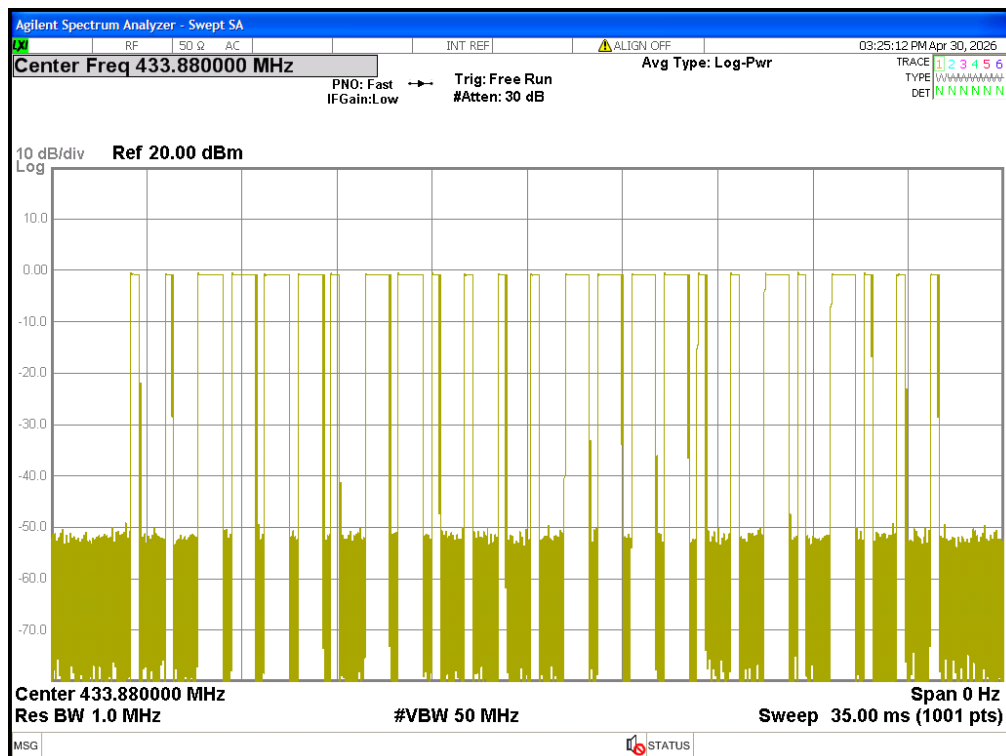
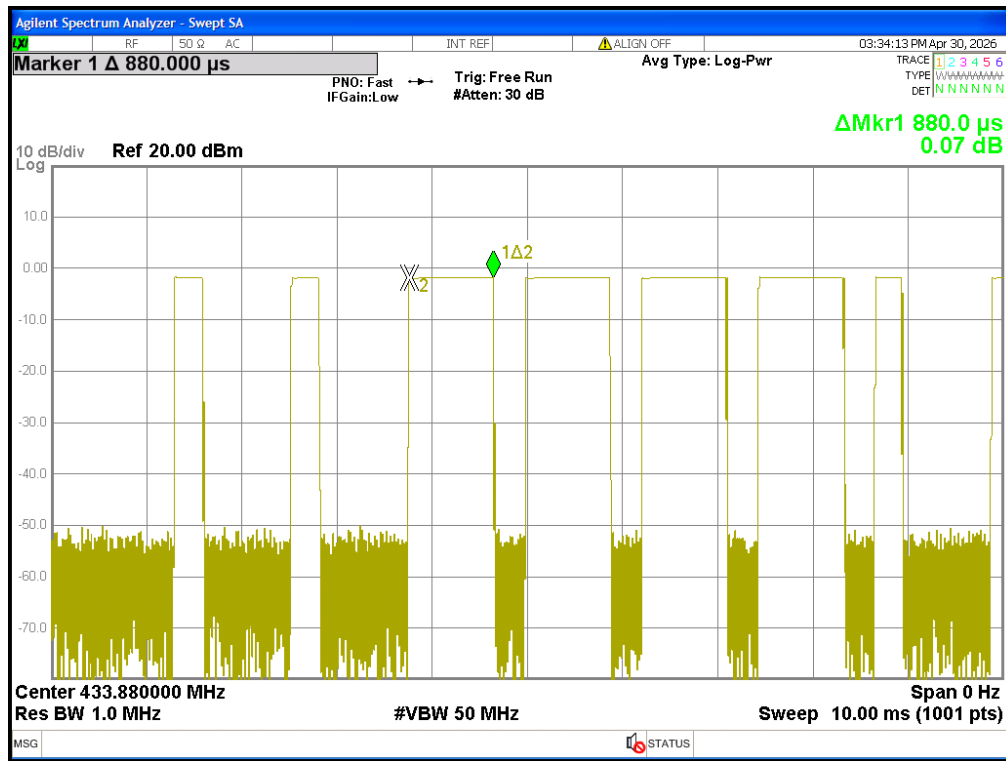
| Type of Pulse | Width of Pulse<br>ms | Quantity of<br>Pulse | Transmission Time<br>ms | Total Time ( $T_{on}$ )<br>ms |
|---------------|----------------------|----------------------|-------------------------|-------------------------------|
| Pulse 1       | 0.27                 | 13                   | 3.51                    | 14.07                         |
| Pulse 2       | 0.88                 | 12                   | 10.56                   |                               |

| Test Period ( $T_p$ )<br>ms | Total Time ( $T_{on}$ )<br>ms | Duty Cycle<br>% | Duty Cycle Factor<br>dB |
|-----------------------------|-------------------------------|-----------------|-------------------------|
| 39.2                        | 14.07                         | 35.89           | -8.8998                 |

Remark: Duty Cycle Factor= $20 * \log$  (Duty Cycle)

*Please refer to the attached test plots*



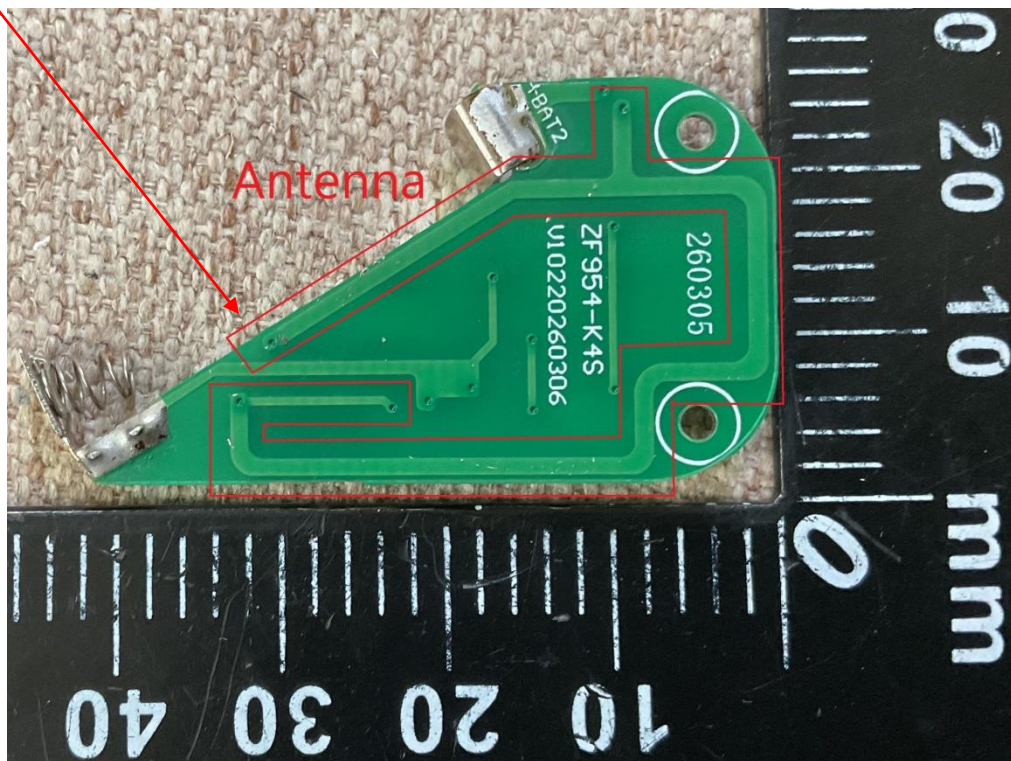




## 8. Antenna Requirement

The antenna used in this product is a PCB Antenna, is a permanently attached antenna on the PCB. It conforms to the standard requirements. The directional gains of antenna used for transmitting is 0dBi.

### Antenna





## 9. Test Setup Photos of the EUT

Radiated Emission  
Front View



Rear View





Radiated Emission  
Front View

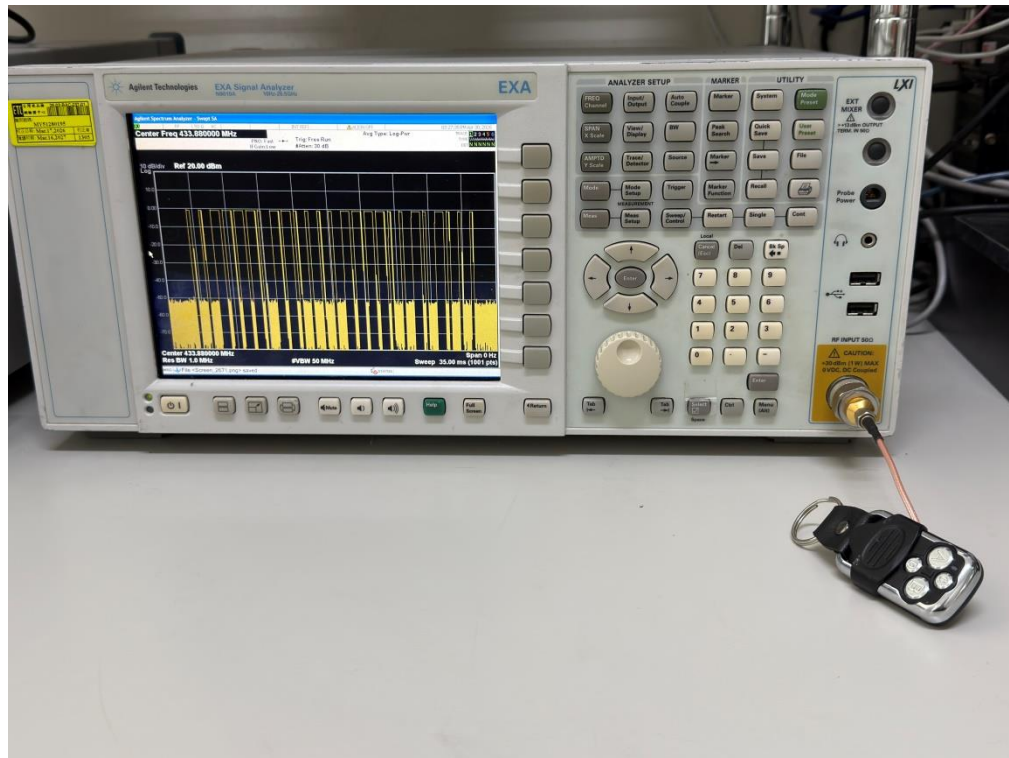


Rear View





## RF Conducted Emission





## **10. Photos of the EUT**

Reference to 26040905 External Photos and 26040905 Internal Photos.

-----End of test report-----