



## FCC TEST REPORT

**FCC ID: 2BKN4-WD122**

On Behalf of

**HONGHUA (HONG KONG)INTERNATIONAL CO., LIMITED**

**Ride-on saddle sex machine**

**Model No.: WD122**

Prepared for : HONGHUA (HONG KONG)INTERNATIONAL CO., LIMITED  
Address : Room 408, Lippo Sun Plaza, 28 Canton Road, Tsim Sha Tsui,  
Kowloon, Hong Kong.

Prepared By : Shenzhen Alpha Product Testing Co., Ltd.  
Address : Building i, No.2, Lixin Road, Fuyong Street, Bao'an District, 518103,  
Shenzhen, Guangdong, China

Report Number : A2408031-C01-R05  
Date of Receipt : August 13, 2024  
Date of Test : August 13, 2024 - September 23, 2024  
Date of Report : September 23, 2024  
Version Number : V0  
**Test Result : Pass**

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## TEST REPORT DECLARATION

Applicant : HONGHUA (HONG KONG)INTERNATIONAL CO., LIMITED  
Address : Room 408, Lippo Sun Plaza, 28 Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong.  
Manufacturer : HONGHUA (HONG KONG)INTERNATIONAL CO., LIMITED  
Address : Room 408, Lippo Sun Plaza, 28 Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong.  
EUT Description : Ride-on saddle sex machine  
(A) Model No. : WD122  
(B) Trademark : N/A

Measurement Standard Used:

**FCC Rules and Regulations Part 15 Subpart C Section 15.231**

**ANSI C63.10-2013**

The device described above is tested by Shenzhen Alpha Product Testing Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C limits both conducted and radiated emissions. The test results are contained in this test report and Shenzhen Alpha Product Testing Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

After the test, our opinion is that EUT compliance with the requirement of the above standards.

This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Shenzhen Alpha Product Testing Co., Ltd.

Tested by (name + signature).....: Yannis Wen  
Project Engineer

*Yannis Wen*  
.....

Approved by (name + signature).....: Jack Xu  
Project Manager

*Jack Xu*  
.....

Date of issue.....: September 23, 2024

**Revision History**

| Revision | Issue Date         | Revisions              | Revised By |
|----------|--------------------|------------------------|------------|
| V0       | September 23, 2024 | Initial released Issue | Yannis Wen |

## 1. General Information

### 1.1. Description of Device (EUT)

EUT : Ride-on saddle sex machine

Model No. : WD122

DIFF. : N/A

Power supply : DC 3V by battery.

Operation frequency : 433.924MHz

Number of Channel : One channel

Modulation : ASK

Antenna Type : Internal Antenna, Max Gain is 1.92dBi

Software version : V1.0

Hardware version : V1.0

Intend use : Residential, commercial and light industrial environment  
environment

## 1.2. Accessories of Device (EUT)

Accessories1 : /  
Manufacturer : /  
Model : /  
Power supply : /

## 1.3. Tested Supporting System Details

| No. | Description | Manufacturer | Model | Serial Number | Certification |
|-----|-------------|--------------|-------|---------------|---------------|
| /   | /           | /            | /     | /             | /             |

## 1.4. Test Facility

Shenzhen Alpha Product Testing Co., Ltd  
Building i, No.2, Lixin Road, Fuyong Street, Bao'an District, 518103,  
Shenzhen, Guangdong, China

June 21, 2018 File on Federal Communication Commission

Registration Number: 293961

July 15, 2019 Certificated by IC

Registration Number: CN0085

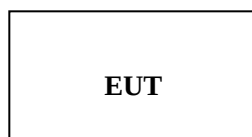
## 2. Summary of Test

### 2.1. Summary of Test Result

| Description of Test Item                  | Standard              | Results |
|-------------------------------------------|-----------------------|---------|
| Spurious Emission                         | Section 15.231&15.209 | PASS    |
| Conduction Emission                       | Section 15.207        | N/A     |
| Occupied bandwidth                        | Section 15.231        | PASS    |
| Transmission time                         | Section 15.231        | PASS    |
| Band Edge                                 | Section 15.231        | N/A     |
| Antenna Requirement                       | Section 15.203        | PASS    |
| Note : Test according to ANSI C63.10-2013 |                       |         |

### 2.2. Block Diagram

1. For radiated emissions test: EUT was placed on a turn table, which is 0.8 meters high above ground for below 1 GHz test and 1.5 meters high above ground for below 1 GHz test . EUT was set into test mode before test. New battery is used during all test



### 2.3. Test Mode

EUT work in Continuous TX mode, and select test channel, wireless mode

| Mode | Frequency<br>(MHz) |
|------|--------------------|
| ASK  | 433.924MHz         |

### 2.4. Test Conditions

|                   |           |
|-------------------|-----------|
| Temperature range | 21-25°C   |
| Humidity range    | 40-75%    |
| Pressure range    | 86-106kPa |

### 2.5. Measurement Uncertainty (95% confidence levels, k=2)

| Item                                                                      | Uncertainty               |
|---------------------------------------------------------------------------|---------------------------|
| Uncertainty for Power point Conducted Emissions Test                      | 1.63dB                    |
| Uncertainty for Radiation Emission test in 3m chamber<br>(below 30MHz)    | 3.5dB                     |
| Uncertainty for Radiation Emission test in 3m chamber<br>(30MHz to 1GHz)  | 3.74dB(Polarize: V)       |
|                                                                           | 3.76dB(Polarize: H)       |
| Uncertainty for Radiation Emission test in 3m chamber<br>(1GHz to 25GHz)  | 3.77dB(Polarize: V)       |
|                                                                           | 3.80dB(Polarize: H)       |
| Uncertainty for Radiation Emission test in 3m chamber<br>(18GHz to 40GHz) | 4.31 dB(Polarize: V)      |
|                                                                           | 4.30 dB(Polarize: H)      |
| Uncertainty for radio frequency                                           | $5.06 \times 10^{-8}$ GHz |
| Uncertainty for conducted RF Power                                        | 0.40dB                    |
| Uncertainty for temperature                                               | 0.2°C                     |
| Uncertainty for humidity                                                  | 1%                        |
| Uncertainty for DC and low frequency voltages                             | 0.06%                     |



## 2.6. Test Equipment

| Equipment                    | Manufacture   | Model No.        | Firmware version | Serial No.                 | Last cal.  | Cal Interval |
|------------------------------|---------------|------------------|------------------|----------------------------|------------|--------------|
| 9*6*6 anechoic chamber       | CHENYU        | 9*6*6            | /                | N/A                        | 2022.05.17 | 3Year        |
| Spectrum analyzer            | ROHDE&SCHWARZ | FSV40-N          | 2.3              | 102137                     | 2024.08.08 | 1Year        |
| Spectrum analyzer            | Agilent       | N9020A           | A.14.16          | MY499100060                | 2024.08.08 | 1Year        |
| Receiver                     | ROHDE&SCHWARZ | ESR              | 2.28 SP1         | 1316.3003K03-10<br>2082-Wa | 2024.08.08 | 1Year        |
| Receiver                     | R&S           | ESCI             | 4.42 SP1         | 101165                     | 2024.08.08 | 1Year        |
| Bilog Antenna                | Schwarzbeck   | VULB 9168        | /                | VULB 9168#627              | 2024.08.08 | 1Year        |
| Horn Antenna                 | SCHWARZBECK   | BBHA 9120<br>D   | /                | 2106                       | 2023.08.19 | 2Year        |
| Loop Antenna                 | SCHWARZBECK   | FMZB<br>1519B    | /                | 00128                      | 2023.08.19 | 2Year        |
| RF Cable                     | Resenberger   | Cable 1          | /                | RE1                        | 2024.08.08 | 1Year        |
| RF Cable                     | Resenberger   | Cable 2          | /                | RE2                        | 2024.08.08 | 1Year        |
| RF Cable                     | Resenberger   | Cable 3          | /                | CE1                        | 2024.08.08 | 1Year        |
| Pre-amplifier                | HP            | HP8347A          | /                | 2834A00455                 | 2024.08.08 | 1Year        |
| Pre-amplifier                | Agilent       | 8449B            | /                | 3008A02664                 | 2024.08.08 | 1Year        |
| L.I.S.N.#1                   | Schwarzbeck   | NSLK8126         | /                | 8126-466                   | 2024.08.08 | 1Year        |
| L.I.S.N.#2                   | ROHDE&SCHWARZ | ENV216           | /                | 101043                     | 2024.08.08 | 1Year        |
| Horn Antenna                 | SCHWARZBECK   | BBHA 9170        | /                | 00946                      | 2023.08.19 | 2Year        |
| Preamplifier                 | SKET          | LNPA_1840<br>-50 | /                | SK2018101801               | 2024.08.08 | 1 Year       |
| Power Meter                  | Agilent       | E9300A           | /                | MY41496628                 | 2024.08.08 | 1 Year       |
| Power Sensor                 | DARE          | RPR3006W         | /                | 15100041SNO91              | 2024.08.08 | 1 Year       |
| Electronic Thermo-Hygrometer | S.H.Qixiang   | HTC-1            | /                | N/A                        | 2023.08.11 | 2 Year       |
| Switching Mode Power Supply  | JUNKE         | JK12010S         | /                | 20140927-6                 | 2024.08.08 | 1 Year       |
| Adjustable attenuator        | MWRFtest      | N/A              | /                | N/A                        | N/A        | N/A          |
| 10dB Attenuator              | Mini-Circuits | DC-6G            | /                | N/A                        | N/A        | N/A          |

| Software Information |               |              |           |
|----------------------|---------------|--------------|-----------|
| Test Item            | Software Name | Manufacturer | Version   |
| RE                   | EZ-EMC        | Farad        | Alpha-3A1 |
| CE                   | EZ-EMC        | Farad        | Alpha-3A1 |
| RF-CE                | MTS 8310      | MWRFtest     | V2.0.0.0  |

### 3. Radiation Emission

#### 3.1. Radiation Emission Limits(15.209&231)

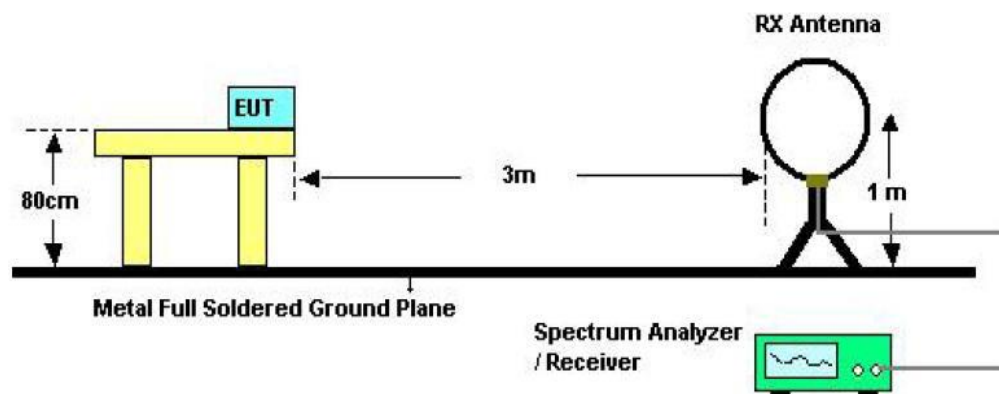
| Frequency<br>(MHz) | Field Strength<br>Limits at 3 metres (watts, e.i.r.p.) |          |                            |
|--------------------|--------------------------------------------------------|----------|----------------------------|
|                    | uV/m                                                   | dB uV/m  | Measurement<br>distance(m) |
| 0.009-0.490        | 2400/F(kHz)                                            | XX       | 300                        |
| 0.490-1.705        | 24000/F(kHz)                                           | XX       | 30                         |
| 1.705-30           | 30                                                     | 29.5     | 30                         |
| 30~88              | 100(3nW)                                               | 40       | 3                          |
| 88~216             | 150(6.8nW)                                             | 43.5     | 3                          |
| 216~960            | 200(12nW)                                              | 46       | 3                          |
| Above960           | 500(75nW)                                              | 54       | 3                          |
| Carrier frequency  |                                                        | 75.6(AV) | 3                          |
| Carrier frequency  |                                                        | 95.6(PK) | 3                          |

| 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                     | <sup>1</sup> 1,250 to 3,750                      | <sup>1</sup> 125 to 375                                 |
| 174-260                     | 3,750                                            | 375                                                     |
| 260-470                     | <sup>1</sup> 3,750 to 12,500                     | <sup>1</sup> 375 to 1,250                               |
| Above 470                   | 12,500                                           | 1,250                                                   |

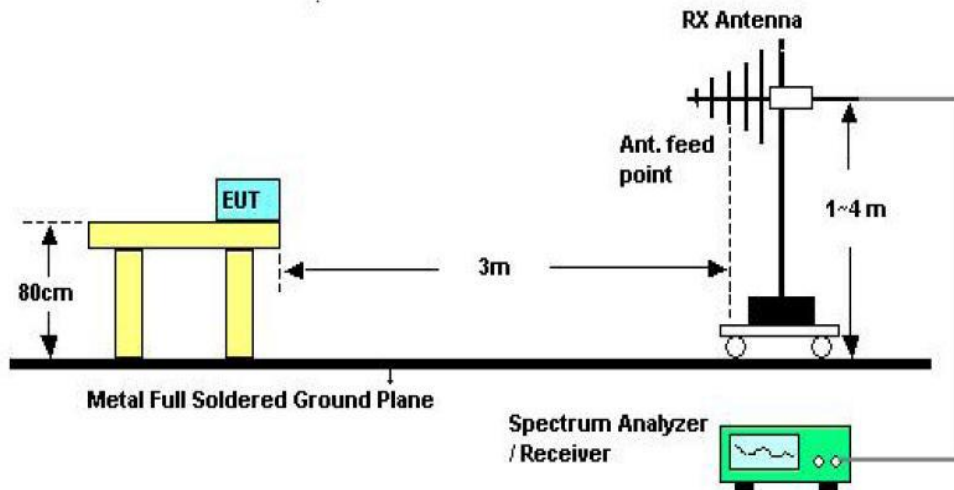
**NOTE:**

- The tighter limit applies at the band edges.
- Emission Level(dB uV/m)=20log Emission Level(Uv/m)

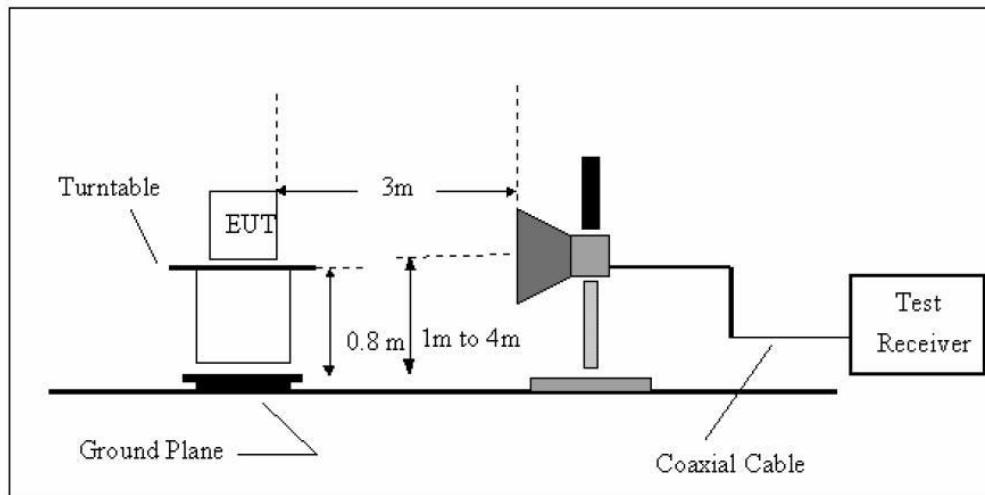
#### 3.2. Test Setup



Below 30MHz Test Setup



Above 30MHz Test Setup



Above 1GHz Test Setup

### 3.3. Test Procedure

- The measuring distance of 3m shall be used for measurements at frequency up to 1GHz and above 1GHz. The EUT was placed on a rotating 0.8 m high above ground, The table was rotated 360 degrees to determine the position of the highest radiation
- The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer Peak detector mode pre-scanning the measurement frequency range. Significant Peaks are then marked. and then Qusia Peak Detector mode remeasured
- If Peak value comply with QP limit Below 1GHz. The EUT deemed to comply with QP limit. But the Peak value and average value both need to comply with applicable limit above 1GHz.
- For the actual test configuration, please see the test setup photo.

### 3.4. Test Equipment Setting For emission test.

|              |           |           |
|--------------|-----------|-----------|
| 9kHz~150kHz  | RBW 200Hz | VBW 1kHz  |
| 150kHz~30MHz | RBW 9kHz  | VBW 30kHz |

|            |            |            |
|------------|------------|------------|
| 30MHz~1GHz | RBW 120kHz | VBW 300kHz |
| Above 1GHz | RBW 1MHz   | VBW 3MHz   |

### 3.5. Test Condition

Continual Transmitting in maximum power(The new battery be used during Test)

### 3.6. Test Result

We have scanned the 10th harmonic from 9KHz to the EUT.  
Detailed information please see the following page.

From 9KHz to 30MHz: Conclusion: PASS

Note: The amplitude of spurious emissions which are  
attenuated by more than 20dB below the permissible value has no need to be reported.

**Notes:** 1 --Means other frequency and mode comply with standard requirements and at least have 20dB margin.

Correct Factor=Cable Loss+Antenna Factor-Amplifier Gain

Measurement Result=Reading + Correct Factor

Margin=Measurement Result-Limit

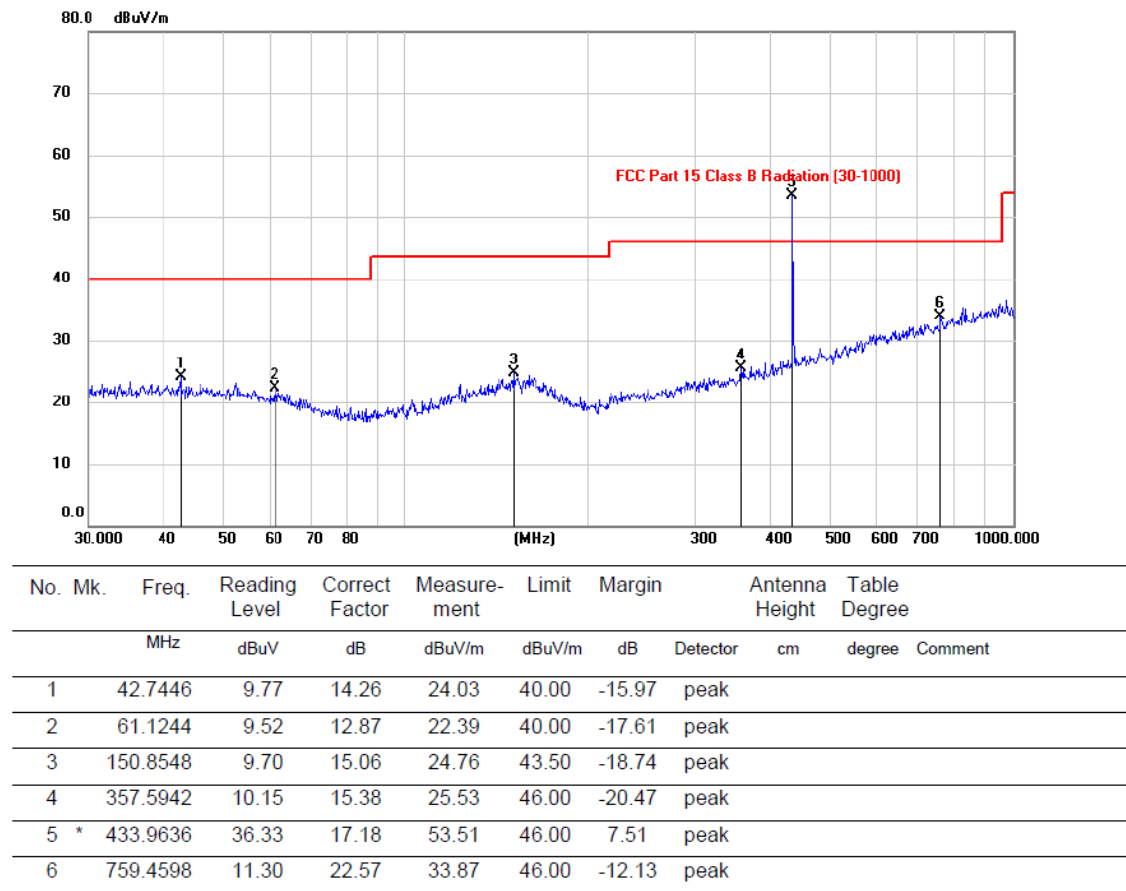
2 --Spectrum setting:

a. Peak setting 30MHz-1GHz, RBW=100kHz, VBW=300kHz.

3- PK measure result values is less than the AVG limit values, so AV measure result values test not applicable.

Radiated Emissions Result of Inside band  
Below 1GHz:

**Polarization: Horizontal**



Note:1. \*:Maximum data; x:Over limit; !:over margin.

2.Measurement=Reading Level+Correct Factor; Correct Factor=Antenna Factor+Cable Loss.

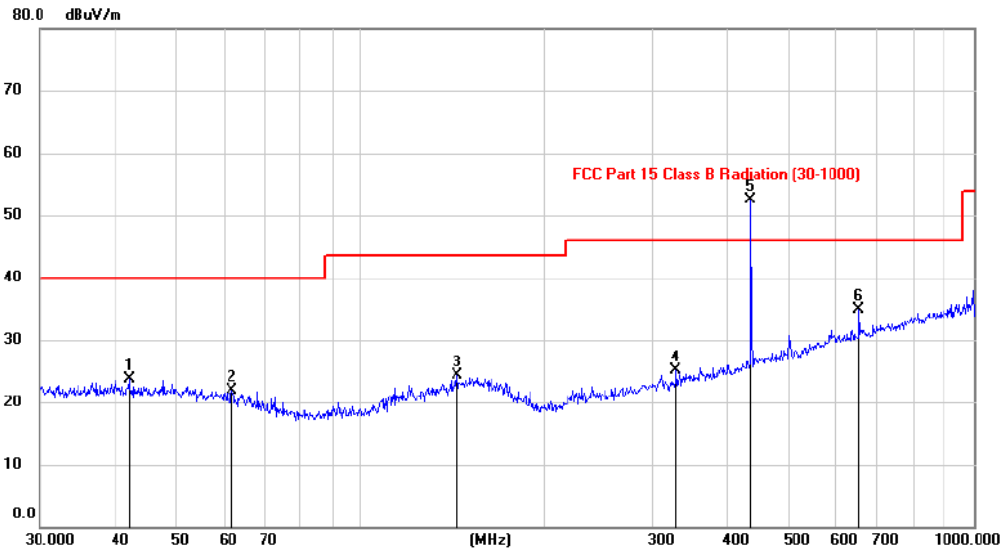
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|------------------|----------------|-------------|----------|
| 1   | 433.9638        | 36.33          | 17.18       | 53.51            | 100.83         | -27.53      | RK       |
| 2   | 433.9638        | /              | /           | /                | 80.83          | /           | AV       |

Remark: 1. All readings are Quasi-Peak and Average values.

2. Margin = Result (Result =Reading + Factor )–Limit

3. When peak value applied to AVG limit, the AVG value is not calculated.

Note : When peak value applied to AVG limit, the AVG value is not calculated.

**Polarization: Vertical**

| No. | Mk. | Freq.    | Reading | Correct | Measure- | Limit  | Margin | Antenna | Table  |         |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
|     |     | MHz      | Level   | Factor  | ment     |        |        | Height  | Degree |         |
|     |     |          | dBuV    | dB      | dBuV/m   | dBuV/m | dB     | cm      | degree | Comment |
| 1   |     | 42.0459  | 9.31    | 14.34   | 23.65    | 40.00  | -16.35 | peak    |        |         |
| 2   |     | 61.7853  | 8.99    | 12.88   | 21.87    | 40.00  | -18.13 | peak    |        |         |
| 3   |     | 144.0146 | 9.65    | 14.61   | 24.26    | 43.50  | -19.24 | peak    |        |         |
| 4   |     | 327.2746 | 10.27   | 14.77   | 25.04    | 46.00  | -20.96 | peak    |        |         |
| 5   | *   | 433.9129 | 35.28   | 17.17   | 52.45    | 46.00  | 6.45   | peak    |        |         |
| 6   |     | 650.9519 | 13.79   | 21.10   | 34.89    | 46.00  | -11.11 | peak    |        |         |

Note: 1. \*: Maximum data; x: Over limit; !: over margin.

2. Measurement = Reading Level + Correct Factor; Correct Factor = Antenna Factor + Cable Loss.

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|------------------|----------------|-------------|----------|
| 1   | 433.9129        | 35.28          | 17.17       | 52.45            | 100.82         | -27.52      | RK       |
| 2   | 433.9129        | /              | /           | /                | 80.82          | /           | AV       |

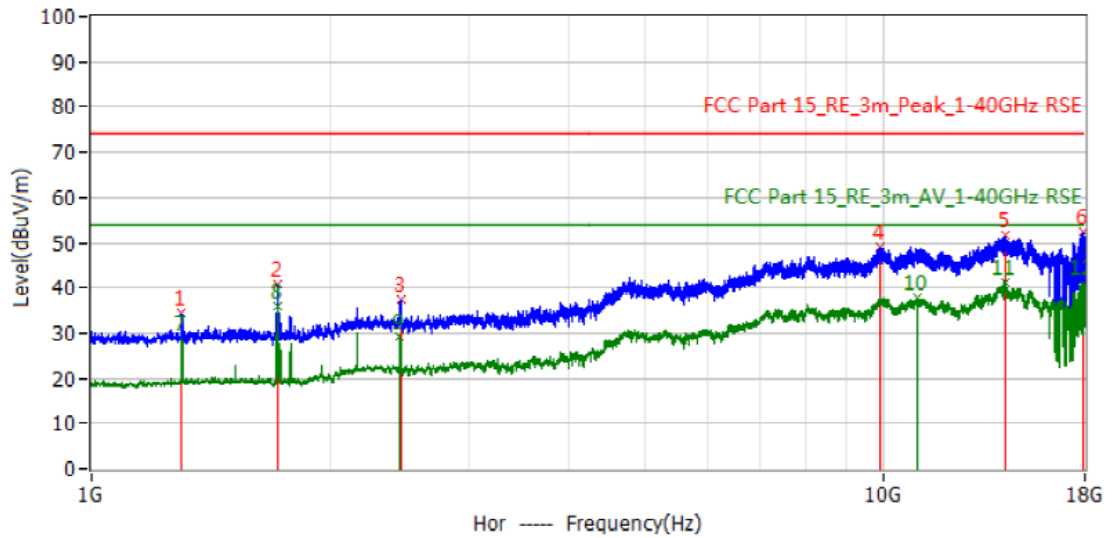
Remark: 1. All readings are Quasi-Peak and Average values.

2. Margin = Result (Result = Reading + Factor) - Limit

3. When peak value applied to AVG limit, the AVG value is not calculated.

Note: When peak value applied to AVG limit, the AVG value is not calculated.

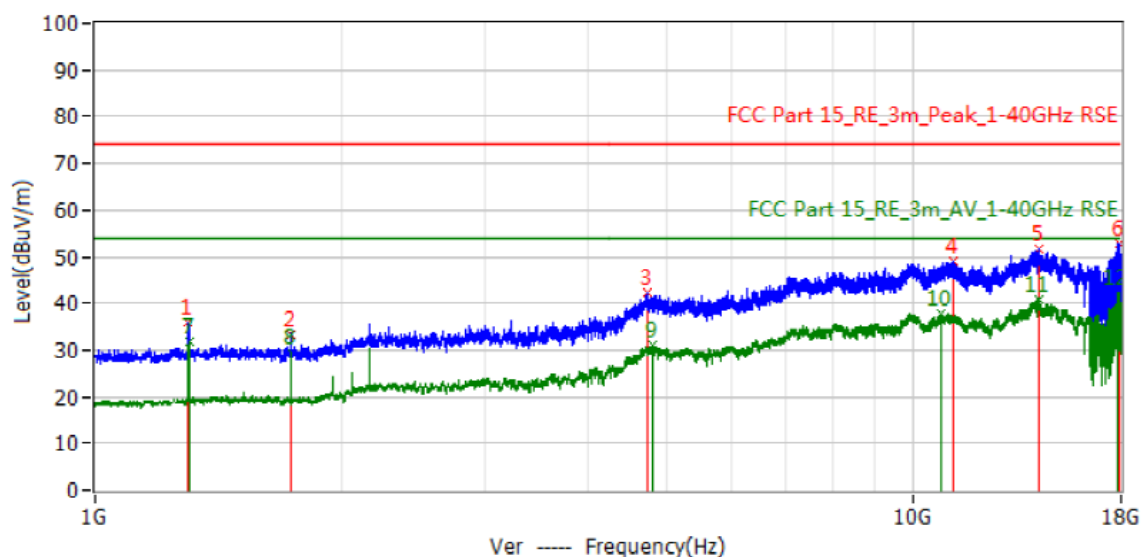
Above 1GHz:

**Polarization: Horizontal**

| No. | Frequency | Limit<br>dBuV/m | Level<br>dBuV/m | Margin<br>dB | Factor<br>dB/m | Detector | Height<br>cm | Height<br>cm | Angle<br>deg |
|-----|-----------|-----------------|-----------------|--------------|----------------|----------|--------------|--------------|--------------|
| 1*  | 1.301GHz  | 74.0            | 34.6            | -39.4        | -22.0          | PK       | Hor          | 150.0        | 62.0         |
| 2*  | 1.717GHz  | 74.0            | 40.8            | -33.2        | -21.8          | PK       | Hor          | 150.0        | 196.0        |
| 3*  | 2.457GHz  | 74.0            | 37.4            | -36.6        | -17.8          | PK       | Hor          | 150.0        | 360.0        |
| 4*  | 9.927GHz  | 74.0            | 49.2            | -24.8        | 0.1            | PK       | Hor          | 150.0        | 116.0        |
| 5*  | 14.250GHz | 74.0            | 51.5            | -22.5        | 5.0            | PK       | Hor          | 150.0        | 360.0        |
| 6*  | 17.903GHz | 74.0            | 52.3            | -21.7        | 10.4           | PK       | Hor          | 150.0        | 360.0        |
| 7*  | 1.301GHz  | 54.0            | 29.0            | -25.0        | -22.0          | AV       | Hor          | 150.0        | 62.0         |
| 8*  | 1.717GHz  | 54.0            | 36.1            | -17.9        | -21.8          | AV       | Hor          | 150.0        | 196.0        |
| 9*  | 2.456GHz  | 54.0            | 29.4            | -24.6        | -17.8          | AV       | Hor          | 150.0        | 360.0        |
| 10* | 11.035GHz | 54.0            | 37.8            | -16.2        | 0.4            | AV       | Hor          | 150.0        | 360.0        |
| 11* | 14.252GHz | 54.0            | 41.2            | -12.8        | 5.0            | AV       | Hor          | 150.0        | 153.0        |
| 12* | 17.904GHz | 54.0            | 41.1            | -12.9        | 10.4           | AV       | Hor          | 150.0        | 360.0        |



## Polarization: Vertical



| No. | Frequency | Limit<br>dBuV/m | Level<br>dBuV/m | Margin<br>dB | Factor<br>dB/m | Detector | Height<br>cm | Height<br>cm | Angle<br>deg |
|-----|-----------|-----------------|-----------------|--------------|----------------|----------|--------------|--------------|--------------|
| 1*  | 1.301GHz  | 74.0            | 36.0            | -38.0        | -22.0          | PK       | Ver          | 150.0        | 222.0        |
| 2*  | 1.735GHz  | 74.0            | 33.5            | -40.5        | -21.7          | PK       | Ver          | 150.0        | 194.0        |
| 3*  | 4.741GHz  | 74.0            | 42.2            | -31.8        | -9.0           | PK       | Ver          | 150.0        | 257.0        |
| 4*  | 11.238GHz | 74.0            | 49.1            | -24.9        | 0.7            | PK       | Ver          | 150.0        | 339.0        |
| 5*  | 14.286GHz | 74.0            | 51.7            | -22.3        | 4.8            | PK       | Ver          | 150.0        | 160.0        |
| 6*  | 17.907GHz | 74.0            | 52.7            | -21.3        | 10.4           | PK       | Ver          | 150.0        | 268.0        |
| 7*  | 1.302GHz  | 54.0            | 32.0            | -22.0        | -22.0          | AV       | Ver          | 150.0        | 222.0        |
| 8*  | 1.735GHz  | 54.0            | 29.7            | -24.3        | -21.7          | AV       | Ver          | 150.0        | 194.0        |
| 9*  | 4.819GHz  | 54.0            | 30.9            | -23.1        | -9.0           | AV       | Ver          | 150.0        | 274.0        |
| 10* | 10.834GHz | 54.0            | 37.9            | -16.1        | 0.2            | AV       | Ver          | 150.0        | 240.0        |
| 11* | 14.280GHz | 54.0            | 41.0            | -13.0        | 4.8            | AV       | Ver          | 150.0        | 160.0        |
| 12* | 17.798GHz | 54.0            | 42.2            | -11.8        | 9.9            | AV       | Ver          | 150.0        | 257.0        |

## 4. Power Line Conducted Emission

### 4.1. Conducted Emission Limits (15.209)

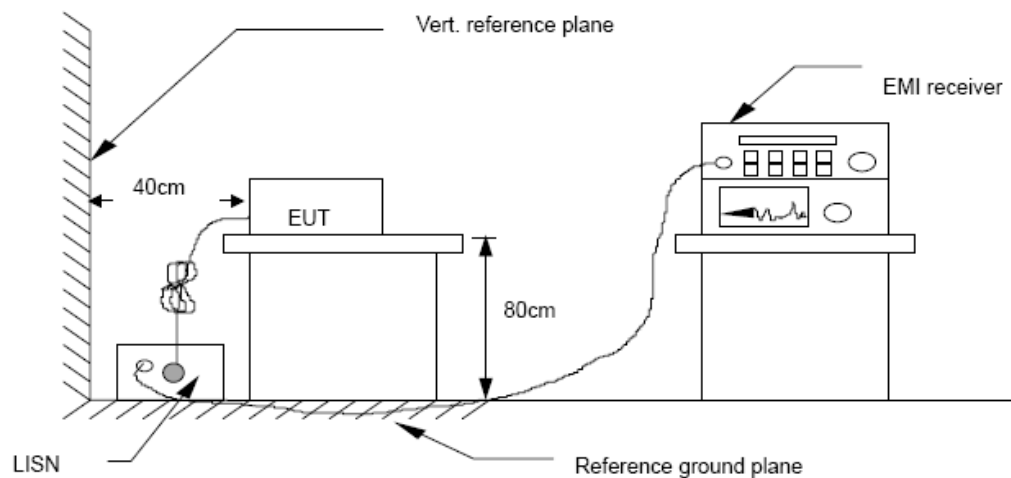
| Frequency<br>MHz | Limits dB( $\mu$ V) |               |
|------------------|---------------------|---------------|
|                  | Quasi-peak Level    | Average Level |
| 0.15 -0.50       | 66 -56*             | 56 - 46*      |
| 0.50 -5.00       | 56                  | 46            |
| 5.00 -30.00      | 60                  | 50            |

Notes: 1. \*Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

3. The limit decreases in line with the logarithm of the frequency in the rang of 0.15 to 0.50 MHz.

### 4.2. Test Setup



### 4.3. Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.10:2013 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCI) is set at 9 kHz.

#### 4.4. Test Results

EUT power supply by battery, so the test not applicable.

## 5. Occupied bandwidth

### 5.1. Test Limit

Please refer section 15.231

According to §15.231(C), The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70MHz and below 900MHz.

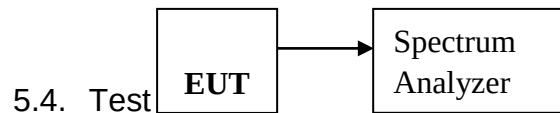
### 5.2. Method of Measurement

a) The bandwidth is measured at an amplitude level reduced 20dB from the reference level.

The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst-case (i.e. the widest) bandwidth.

b) The test receiver RBW set 30KHz, VBW set 30KHz, Sweep time set auto.

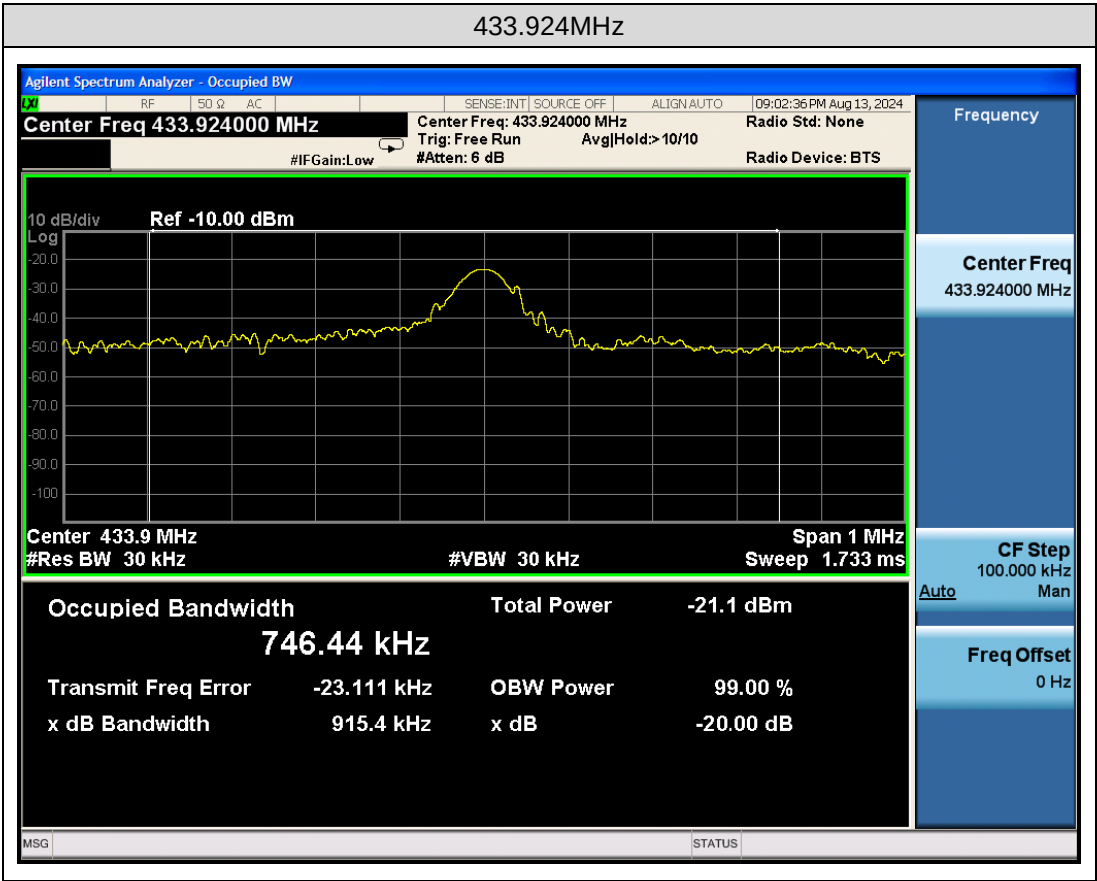
### 5.3. Test Setup



| Mode | Freq (MHz) | 20dB Bandwidth (kHz) | 99% Bandwidth(kHz) | Limit (kHz) | Conclusion |
|------|------------|----------------------|--------------------|-------------|------------|
| ASK  | 433.924    | 915.4                | 746.44             | 1084.81     | PASS       |

Note:

Limit = 433.924MHz \*0.25% =1084.81 kHz



## 6. Transmission Time

### 6.1. Test Limit

Please refer section 15.231

According to §15.231(a)(1), A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

### 6.2. Method of Measurement

6.2.1. Place the EUT on the table and set it in transmitting mode.

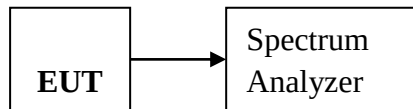
6.2.2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

6.2.3. Set spectrum analyzer Center= 433.924MHz, Span = 0MHz, Sweep = 5s.

6.2.4. Set the spectrum analyzer as RBW, VBW=1MHz,

6.2.5. Max hold, view and count how many channel in the band.

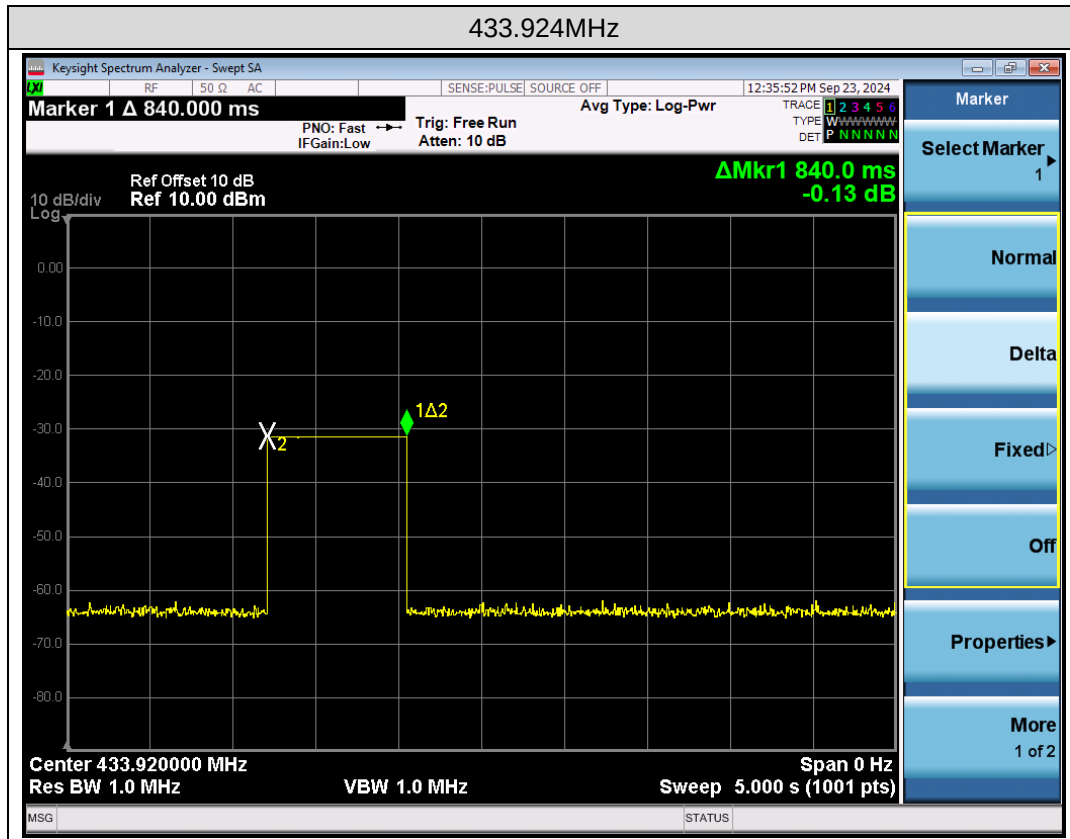
### 6.3. Test Setup



### 6.4. Test Results

| Freq (MHz) | Test Result(s) | Limit (s) | Conclusion |
|------------|----------------|-----------|------------|
| 433.924    | 0.84           | < 5s      | PASS       |

EUT After Release the button, EUT emission Continue 0.84seconds, Compliance with 15.231 a(1) section.



## **7. Antenna Requirement**

### **7.1. Standard 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 shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

### **7.2. Antenna Connected Construction**

The directional gains of antenna used for transmitting is 0 dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Please see EUT photo for details.

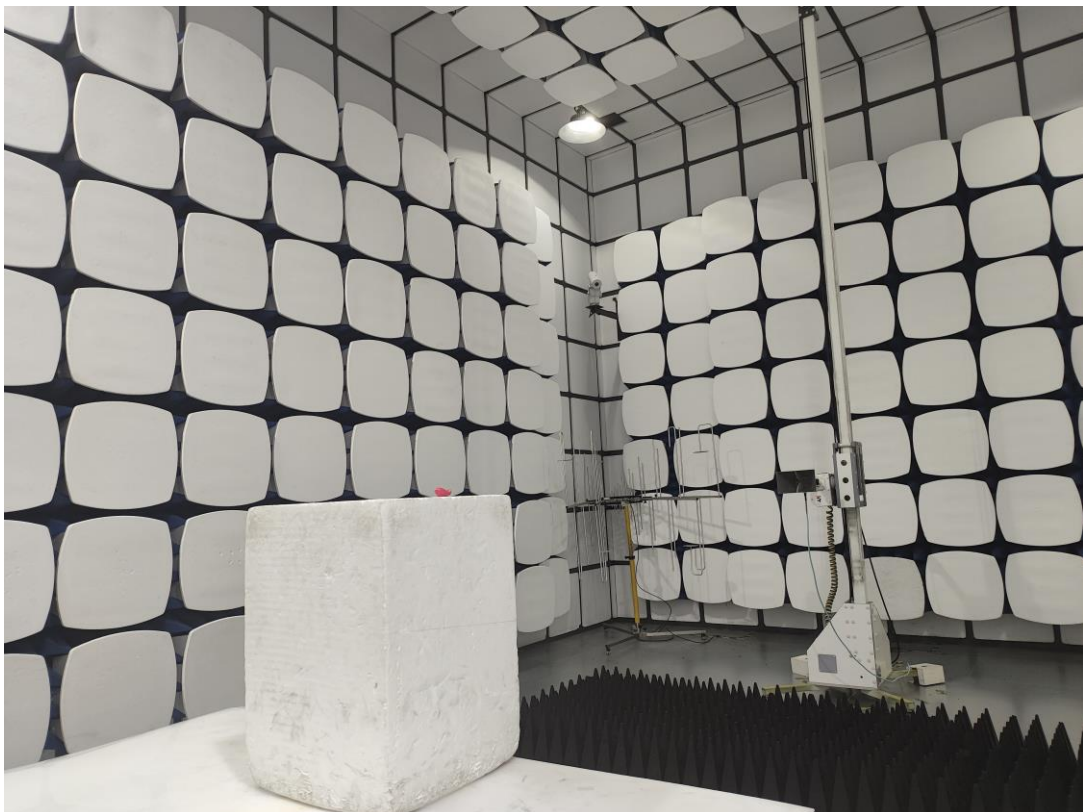
### **7.3. Result**

The EUT antenna is internal antenna. It comply with the standard requirement.



## 8. Test Setup Photo

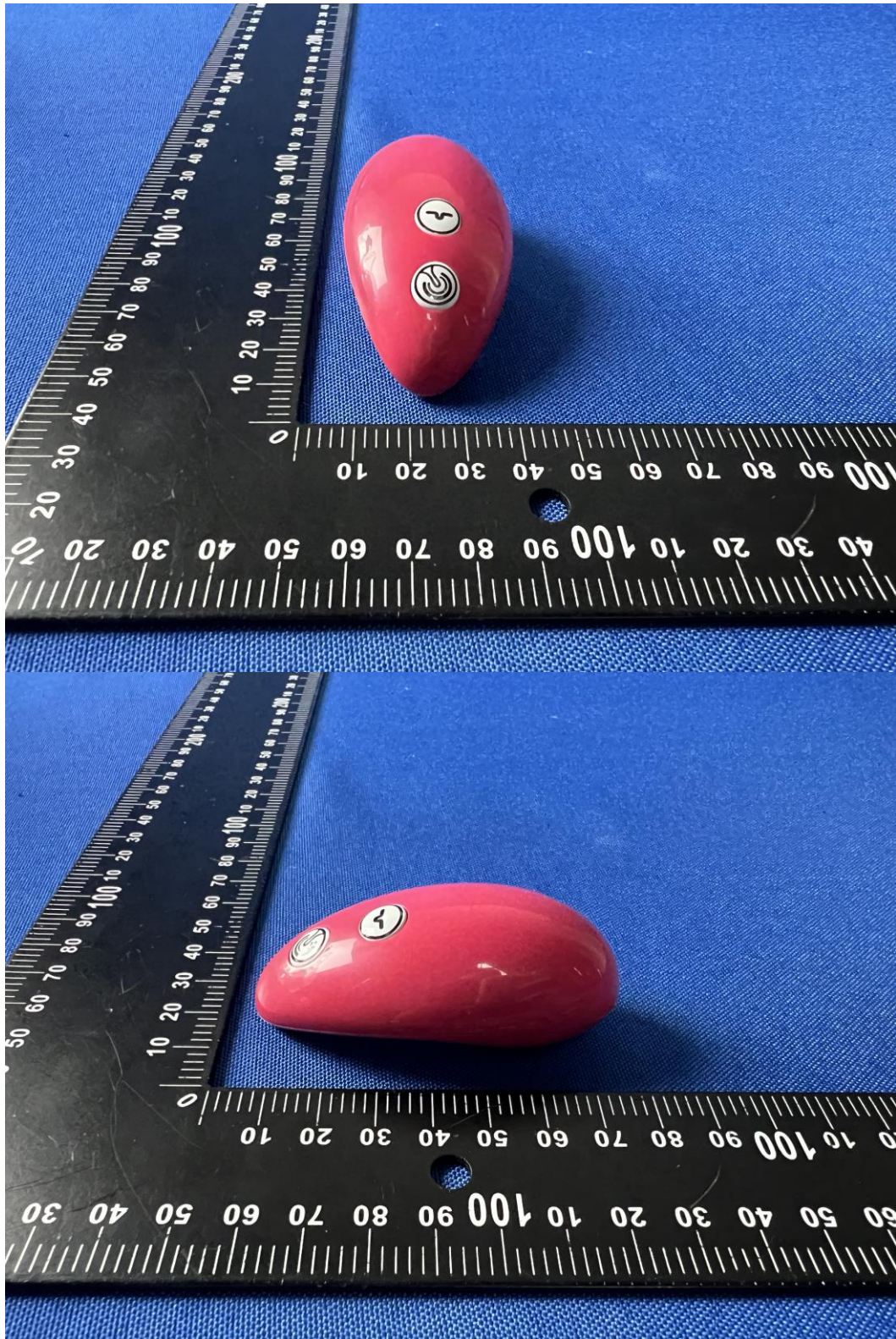
Photos of Radiated emission



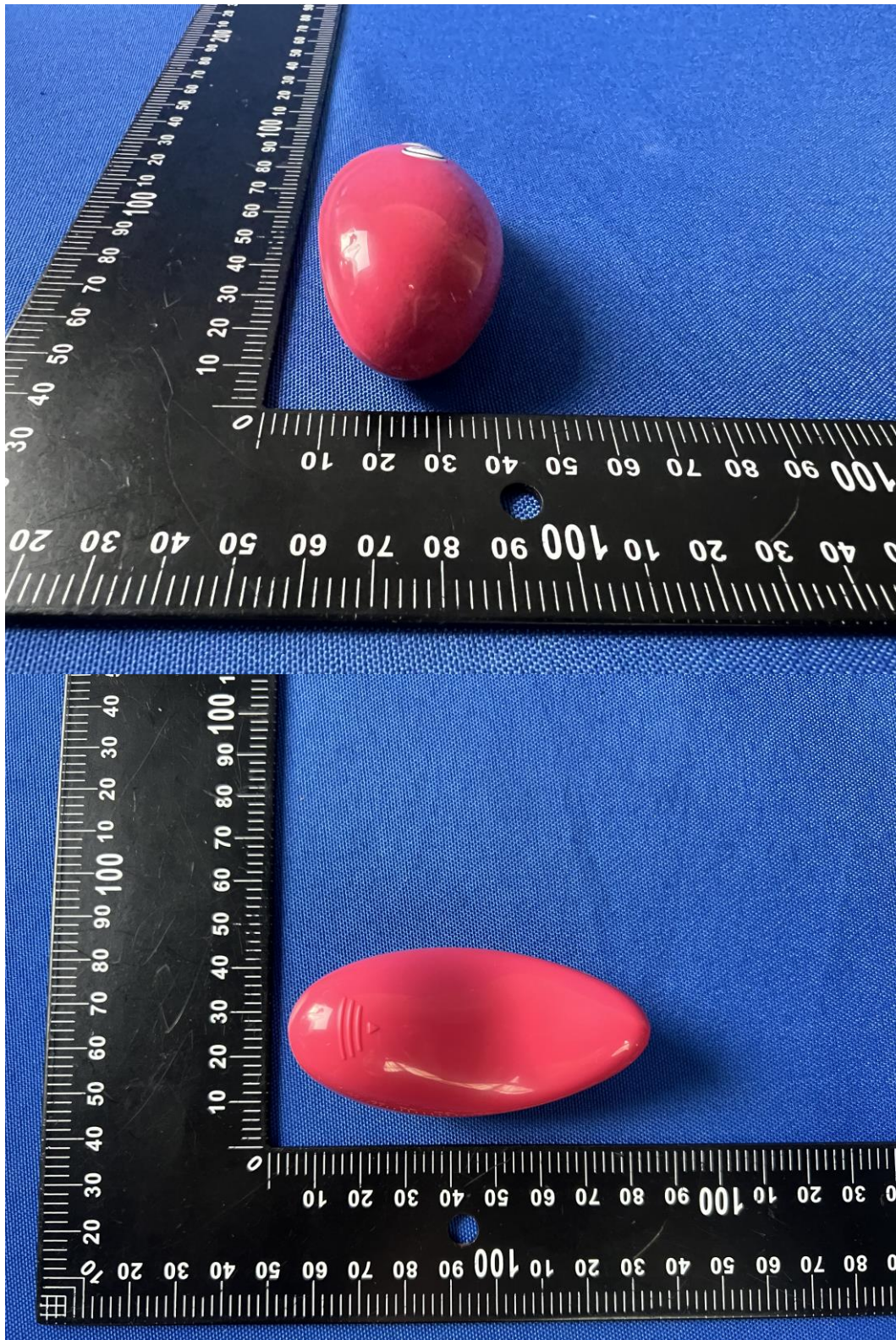
## 9. Photos of EUT







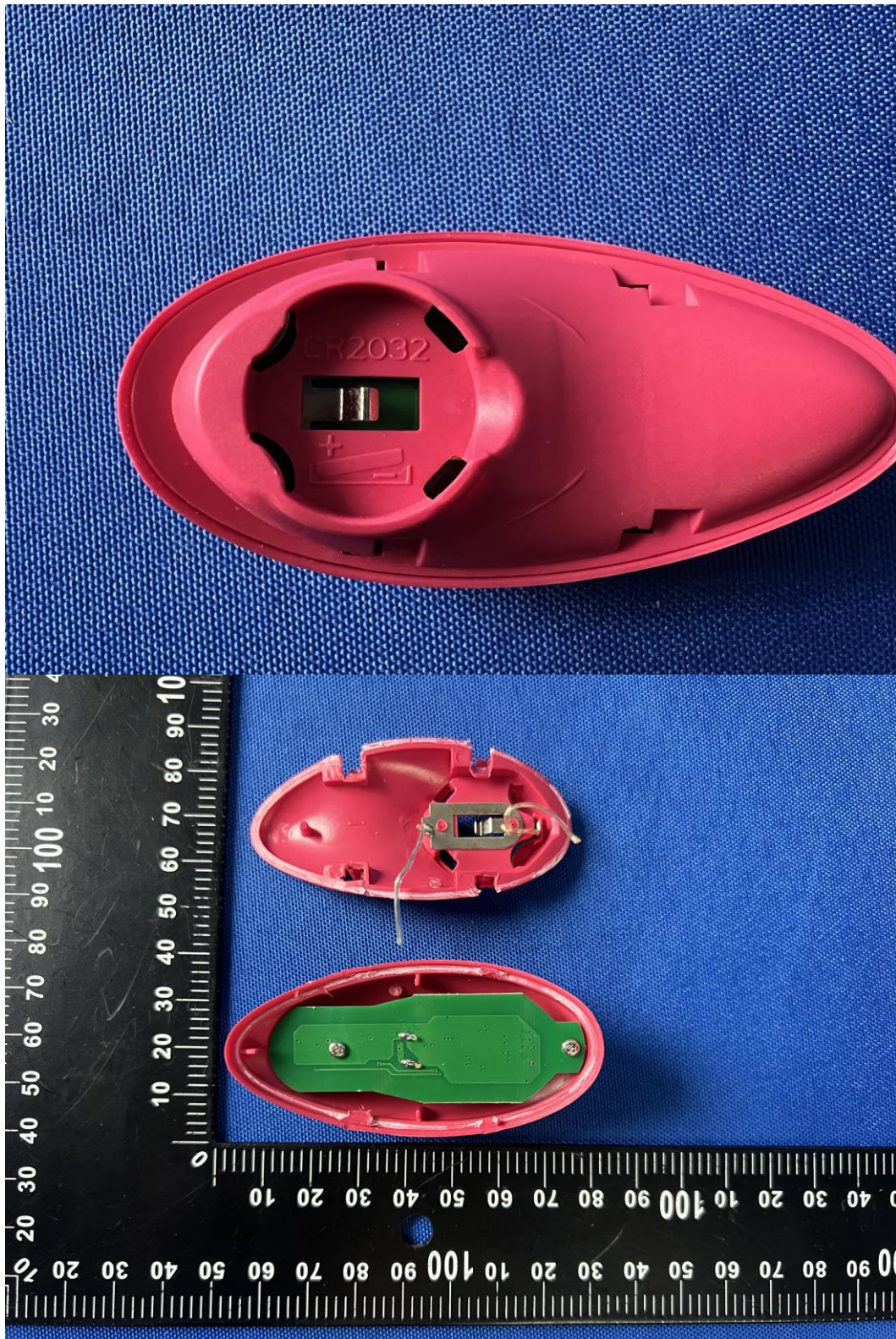




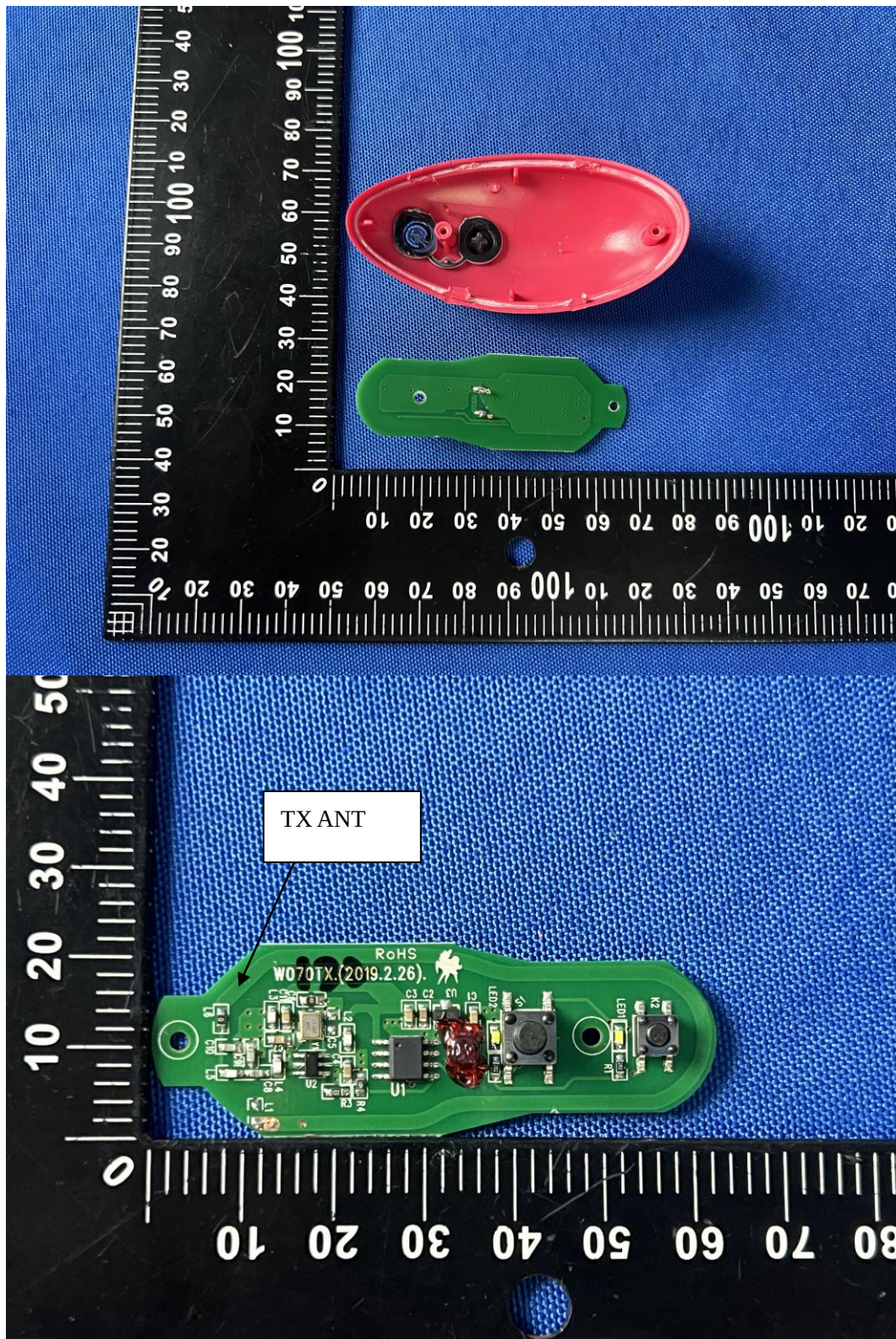




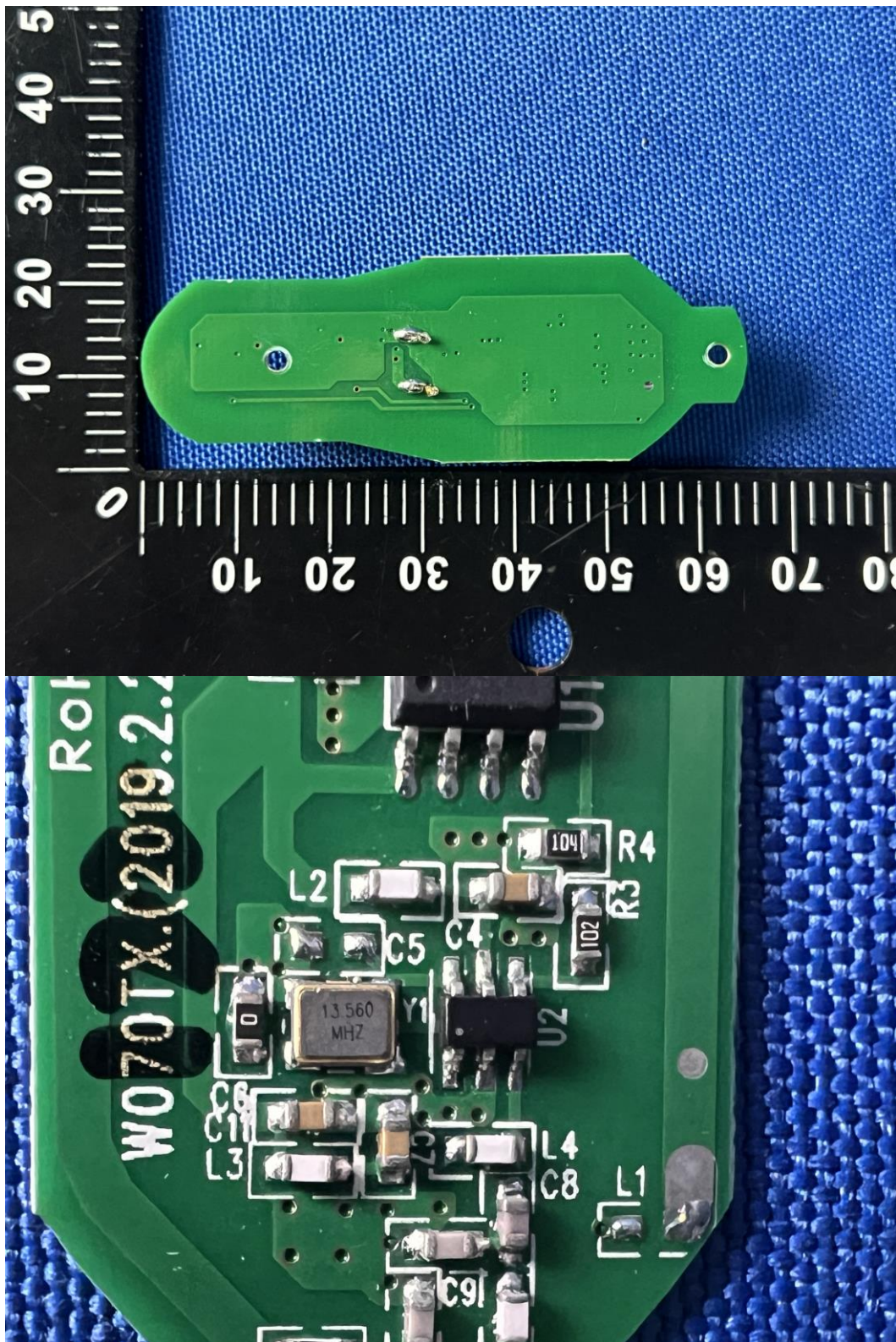




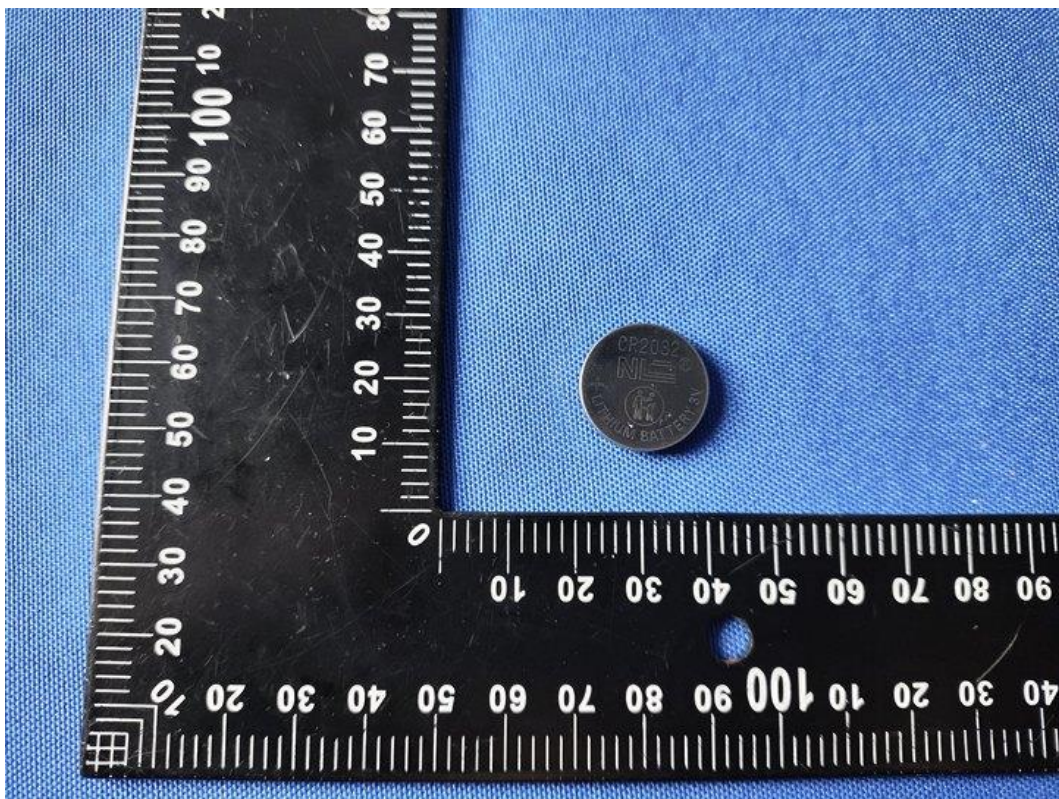
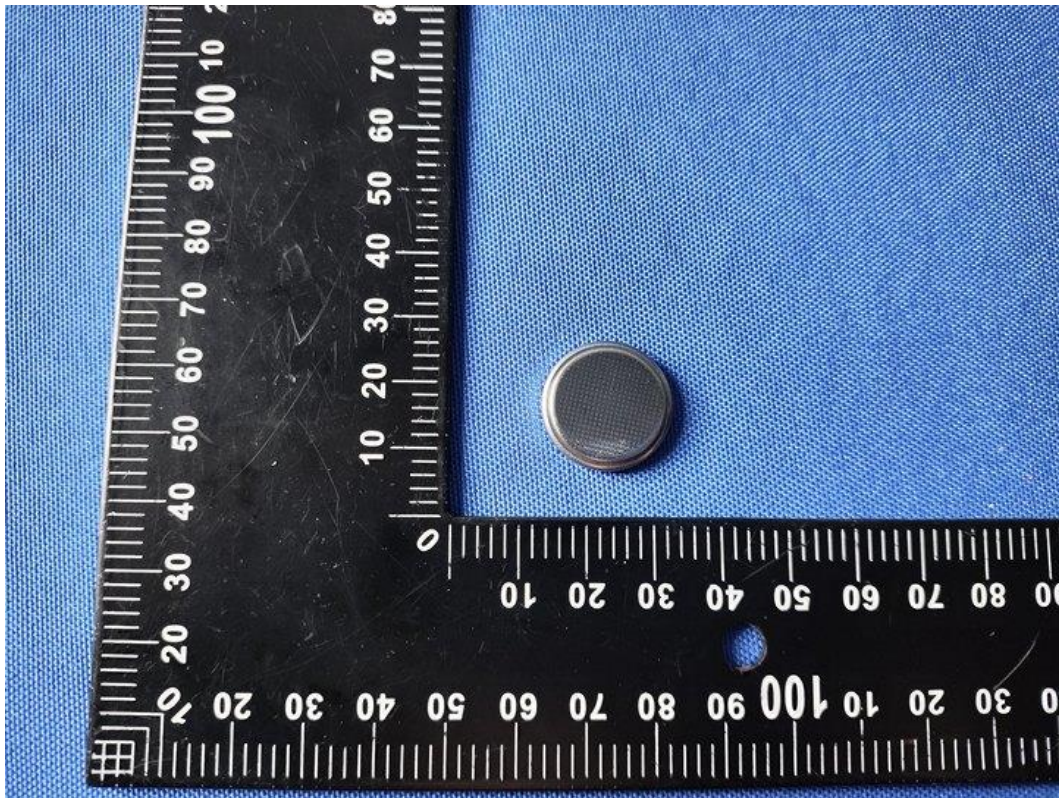












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