



**Shenzhen Global Test Service Co.,Ltd.**

No.7-101 and 8A-104, Building 7 and 8, DCC Cultural and Creative Garden, No.98, Pingxin North Road, Shangmugu Community, Pinghu Street, Longgang District, Shenzhen, Guangdong

## FCC PART 15 SUBPART C TEST REPORT

### FCC PART 15.231

**Report Reference No.....** : GTS20201202003-1-1  
**FCC ID.....** : 2AYCI-NAKE-AC

Compiled by  
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Date of issue.....: Nov.12, 2020

**Representative Laboratory Name ..:** **Shenzhen Global Test Service Co., Ltd.**

Address.....: No.7-101 and 8A-104, Building 7 and 8, DCC Cultural and Creative Garden, No.98, Pingxin North Road, Shangmugu Community, Pinghu Street, Longgang District, Shenzhen, Guangdong

**Applicant's name .....** : **SHANGHAI HUIBO AUTOMATIC GAUGE CO., LTD**

Address .....: Room 1611, Lijing Yangguang Building, NO.19 Wuning Road, Shanghai,China

**Test specification .....**:

Standard .....: **FCC Part 15.231e**

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**Test item description .....**: NAKe series Non-contact Level switch

Trade Mark .....: N/A

**Manufacturer .....** : SHANGHAI HUIBO AUTOMATIC GAUGE CO., LTD

Model/Type reference.....: NAKe-AC-DM

Listed Models .....: NAKe-AC-AM

Ratings .....: AC 110-240V(50/60Hz)

Modulation .....: FSK

Hardware version .....: N/A

Software version .....: N/A

Frequency.....: 432.10MHz

Result.....: **PASS**

**B27T E S T R E P O R T**

|                          |                           |               |
|--------------------------|---------------------------|---------------|
| <b>Test Report No. :</b> | <b>GTS20201202003-1-1</b> | Nov.12, 2020  |
|                          |                           | Date of issue |

Equipment under Test : NAKe series Non-contact Level switch

Model /Type : NAKe-AC-DM

Listed Models : NAKe-AC-AM

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Address : Room 1611, Lijing Yangguang Building, NO.19 Wuning Road, Shanghai,China

|                     |             |
|---------------------|-------------|
| <b>Test Result:</b> | <b>PASS</b> |
|---------------------|-------------|

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

## Contents

|          |   |    |
|----------|---|----|
| <u>1</u> | <u>TEST STANDARDS</u>                               | 4  |
| <u>2</u> | <u>SUMMARY</u>                                      | 5  |
| 2.1      | General Remarks                                     | 5  |
| 2.2      | Product Description                                 | 5  |
| 2.3      | Equipment Under Test                                | 5  |
| 2.4      | Short description of the Equipment under Test (EUT) | 5  |
| 2.5      | Block Diagram of Test Setup                         | 6  |
| 2.6      | Special Accessories                                 | 6  |
| 2.7      | Related Submittal(s) / Grant (s)                    | 6  |
| 2.8      | Modifications                                       | 6  |
| <u>3</u> | <u>TEST ENVIRONMENT</u>                             | 7  |
| 3.1      | Address of the test laboratory                      | 7  |
| 3.2      | Test Facility                                       | 7  |
| 3.3      | Environmental conditions                            | 7  |
| 3.4      | Summary of measurement results                      | 8  |
| 3.5      | Statement of the measurement uncertainty            | 8  |
| 3.6      | Equipments Used during the Test                     | 8  |
| <u>4</u> | <u>TEST CONDITIONS AND RESULTS</u>                  | 10 |
| 4.1      | AC Power Conducted Emission                         | 10 |
| 4.2      | Radiated Emission                                   | 13 |
| 4.3      | 20dB Bandwidth                                      | 18 |
| 4.4      | Deactivation Time                                   | 19 |
| 4.5      | Antenna Requirement                                 | 20 |
| <u>5</u> | <u>TEST SETUP PHOTOS OF THE EUT</u>                 | 21 |
| <u>6</u> | <u>PHOTOS OF THE EUT</u>                            | 22 |

## **1 TEST STANDARDS**

The tests were performed according to following standards:

FCC Rules Part 15.231:Periodic operation in the band 40.66-40.70 MHz and above 70 MHz.  
ANSI C63.10:2013 : American National Standard for Testing Unlicensed Wireless Devices

## 2 SUMMARY

### 2.1 General Remarks

|                                |   |               |
|--------------------------------|---|---------------|
| Date of receipt of test sample | : | Nov. 01, 2020 |
|                                |   |               |
| Testing commenced on           | : | Nov. 01, 2020 |
|                                |   |               |
| Testing concluded on           | : | Nov. 12, 2020 |

### 2.2 Product Description

|                       |                                      |  |
|-----------------------|--------------------------------------|--|
| Product Name:         | NAKe series Non-contact Level switch |  |
| Model/Type reference: | NAKe-AC-DM                           |  |
| Testing sample ID:    | GTS20201202003-1#                    |  |
| Power supply:         | AC 110-240V(50/60Hz)                 |  |
| Modulation:           | FSK                                  |  |
| Operation frequency:  | 432.10MHz                            |  |
| Channel number:       | 1                                    |  |
| Antenna type:         | External antenna                     |  |
| Antenna gain:         | 0 dBi                                |  |

### 2.3 Equipment Under Test

#### Power supply system utilised

|                      |   |                                  |                                  |                       |             |
|----------------------|---|----------------------------------|----------------------------------|-----------------------|-------------|
| Power supply voltage | : | <input type="radio"/>            | 230V / 50 Hz                     | <input type="radio"/> | 120V / 60Hz |
|                      |   | <input type="radio"/>            | 12 V DC                          | <input type="radio"/> | 24 V DC     |
|                      |   | <input checked="" type="radio"/> | Other (specified in blank below) |                       |             |

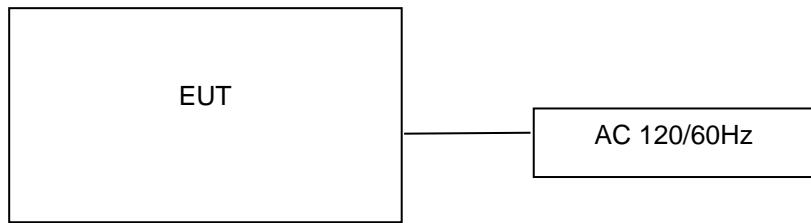
AC 110-240V(50/60Hz)

### 2.4 Short description of the Equipment under Test (EUT)

This is a NAKe series Non-contact Level switch.

For more details, refer to the user's manual of the EUT.

## 2.5 Block Diagram of Test Setup



## 2.6 Special Accessories

Follow auxiliary equipment(s) test with EUT that provided by the manufacturer or laboratory is listed as follow:

| Description | Manufacturer | Model | Technical Parameters | Certificate | Provided by |
|-------------|--------------|-------|----------------------|-------------|-------------|
| /           | /            | /     | /                    | /           | /           |
| /           | /            | /     | /                    | /           | /           |
| /           | /            | /     | /                    | /           | /           |
| /           | /            | /     | /                    | /           | /           |

## 2.7 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for the device filing to comply with Section 15.231 of the FCC Part 15, Subpart C Rules.

## 2.8 Modifications

No modifications were implemented to meet testing criteria.

### **3 TEST ENVIRONMENT**

#### **3.1 Address of the test laboratory**

##### **Shenzhen Global Test Service Co.,Ltd.**

No.7-101 and 8A-104, Building 7 and 8, DCC Cultural and Creative Garden, No.98, Pingxin North Road, Shangmugu Community, Pinghu Street, Longgang District, Shenzhen, Guangdong

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.4:2014 and CISPR 16-1-4:2010 SVSWR requirement for radiated emission above 1GHz.

#### **3.2 Test Facility**

The test facility is recognized, certified, or accredited by the following organizations:

##### **FCC-Registration No.: 165725**

Shenzhen Global Test Service Co.,Ltd EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

##### **A2LA-Lab Cert. No.: 4758.01**

Shenzhen Global Test Service Co.,Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

##### **CNAS-Lab Code: L8169**

Shenzhen Global Test Service Co.,Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC 17025: 2005 General Requirements) for the Competence of Testing and Calibration Laboratories. Date of Registration: Dec. 11, 2015. Valid time is until Dec. 10, 2024.

#### **3.3 Environmental conditions**

During the measurement the environmental conditions were within the listed ranges:

Radiated Emission:

|                       |              |
|-----------------------|--------------|
| Temperature:          | 25 ° C       |
| Humidity:             | 45 %         |
| Atmospheric pressure: | 950-1050mbar |

Conducted testing:

|                       |              |
|-----------------------|--------------|
| Temperature:          | 25 ° C       |
| Humidity:             | 44 %         |
| Atmospheric pressure: | 950-1050mbar |

### 3.4 Summary of measurement results

| FCC and IC Requirements            |   |      |
|------------------------------------|---|------|
| FCC Part 15.207                    | Conducted Emission                              | N/A  |
| FCC Part 15.231(e)                 | Transmission Time                               | PASS |
| FCC Part 15.231(e)                 | Electric Field Strength of Fundamental Emission | PASS |
| FCC Part 15.205 &15.209& 15.231(e) | Electric Field Strength of Spurious Emission    | PASS |
| FCC Part 15.231(c)                 | -20dB bandwidth                                 | PASS |

Remark: The measurement uncertainty is not included in the test result.

### 3.5 Statement of the measurement uncertainty

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

Hereafter the best measurement capability for Shenzhen GTS laboratory is reported:

| Test                  | Range      | Measurement Uncertainty | Notes |
|-----------------------|------------|-------------------------|-------|
| Radiated Emission     | 30~1000MHz | 4.10 dB                 | (1)   |
| Radiated Emission     | 1~18GHz    | 4.32 dB                 | (1)   |
| Radiated Emission     | 18~40GHz   | 5.54 dB                 | (1)   |
| Conducted Disturbance | 0.15~30MHz | 3.12 dB                 | (1)   |

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

### 3.6 Equipments Used during the Test

| Test Equipment          | Manufacturer                      | Model No.          | Serial No.   | Calibration Date | Calibration Due Date |
|-------------------------|-----------------------------------|--------------------|--------------|------------------|----------------------|
| LISN                    | R&S                               | ENV216             | 3560.6550.08 | 2020/09/19       | 2021/09/18           |
| LISN                    | R&S                               | ESH2-Z5            | 893606/008   | 2020/09/19       | 2021/09/18           |
| EMI Test Receiver       | R&S                               | ESPI3              | 101841-cd    | 2020/09/19       | 2021/09/18           |
| EMI Test Receiver       | R&S                               | ESCI7              | 101102       | 2020/09/19       | 2021/09/18           |
| Spectrum Analyzer       | Agilent                           | N9020A             | MY48010425   | 2020/09/19       | 2021/09/18           |
| Spectrum Analyzer       | R&S                               | FSV40              | 100019       | 2020/09/19       | 2021/09/18           |
| Vector Signal generator | Agilent                           | N5181A             | MY49060502   | 2020/09/19       | 2021/09/18           |
| Signal generator        | Agilent                           | E4421B             | 3610AO1069   | 2020/09/19       | 2021/09/18           |
| Climate Chamber         | ESPEC                             | EL-10KA            | A20120523    | 2020/09/19       | 2021/09/18           |
| Controller              | EM Electronics                    | Controller EM 1000 | N/A          | N/A              | N/A                  |
| Horn Antenna            | Schwarzbeck                       | BBHA 9120D         | 01622        | 2020/09/19       | 2021/09/18           |
| Active Loop Antenna     | Beijing Da Ze Technology Co.,Ltd. | ZN30900C           | 15006        | 2020/10/11       | 2021/10/10           |
| Bilog Antenna           | Schwarzbeck                       | VULB9163           | 000976       | 2020/05/26       | 2021/05/25           |

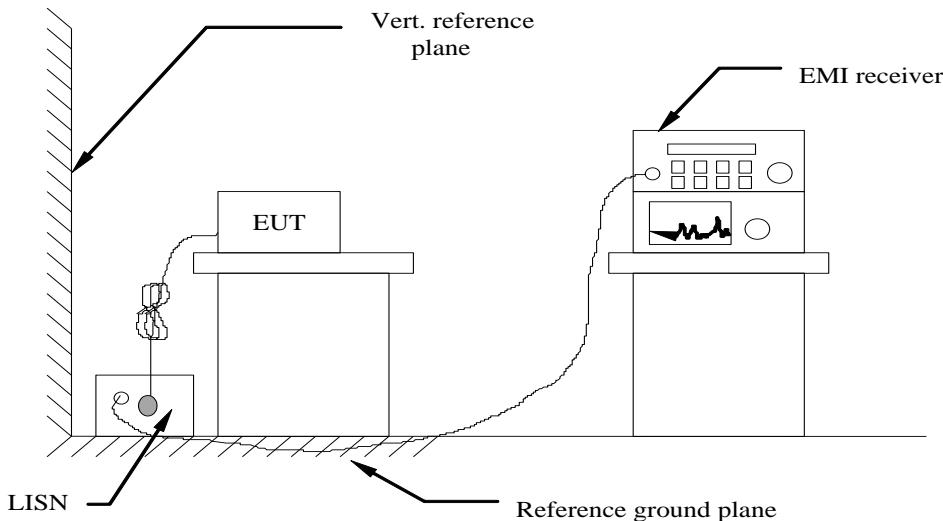
|                            |              |                       |                 |            |            |
|----------------------------|--------------|-----------------------|-----------------|------------|------------|
| Broadband Horn Antenna     | SCHWARZBECK  | BBHA 9170             | 791             | 2020/09/19 | 2021/09/18 |
| Amplifier                  | Schwarzbeck  | BBV 9743              | #202            | 2020/09/19 | 2021/09/18 |
| Amplifier                  | Schwarzbeck  | BBV9179               | 9719-025        | 2020/09/19 | 2021/09/18 |
| Amplifier                  | EMCI         | EMC051845B            | 980355          | 2020/09/19 | 2021/09/18 |
| Temperature/Humidity Meter | Gangxing     | CTH-608               | 02              | 2020/09/19 | 2021/09/18 |
| High-Pass Filter           | K&L          | 9SH10-2700/X12750-O/O | KL142031        | 2020/09/19 | 2021/09/18 |
| High-Pass Filter           | K&L          | 41H10-1375/U12750-O/O | KL142032        | 2020/09/19 | 2021/09/18 |
| RF Cable(below 1GHz)       | HUBER+SUHNER | RG214                 | RE01            | 2020/09/19 | 2021/09/18 |
| RF Cable(above 1GHz)       | HUBER+SUHNER | RG214                 | RE02            | 2020/09/19 | 2021/09/18 |
| Data acquisition card      | Agilent      | U2531A                | TW53323507      | 2020/09/19 | 2021/09/18 |
| Power Sensor               | Agilent      | U2021XA               | MY5365004       | 2020/09/19 | 2021/09/18 |
| Test Control Unit          | Tonscend     | JS0806-1              | 178060067       | 2020/06/19 | 2021/06/18 |
| Automated filter bank      | Tonscend     | JS0806-F              | 19F8060177      | 2020/06/19 | 2021/06/18 |
| EMI Test Software          | Tonscend     | JS1120-1              | Ver 2.6.8.0518  | /          | /          |
| EMI Test Software          | Tonscend     | JS1120-3              | Ver 2.5.77.0418 | /          | /          |
| EMI Test Software          | Tonscend     | JS32-CE               | Ver 2.5         | /          | /          |
| EMI Test Software          | Tonscend     | JS32-RE               | Ver 2.5.1.8     | /          | /          |

Note: The Cal.Interval was one year.

## 4 TEST CONDITIONS AND RESULTS

### 4.1 AC Power Conducted Emission

#### TEST CONFIGURATION



#### 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 C63.10-2013.
- 2 Support equipment, if needed, was placed as per ANSI C63.10-2013
- 3 All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10-2013
- 4 The EUT received DC 12V power from adapter, the adapter received AC120V/60Hz and AC 240V/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.
- 8 During the above scans, the emissions were maximized by cable manipulation.

#### AC Power Conducted Emission Limit

For intentional device, according to § 15.207(a) AC Power Conducted Emission Limits is as following :

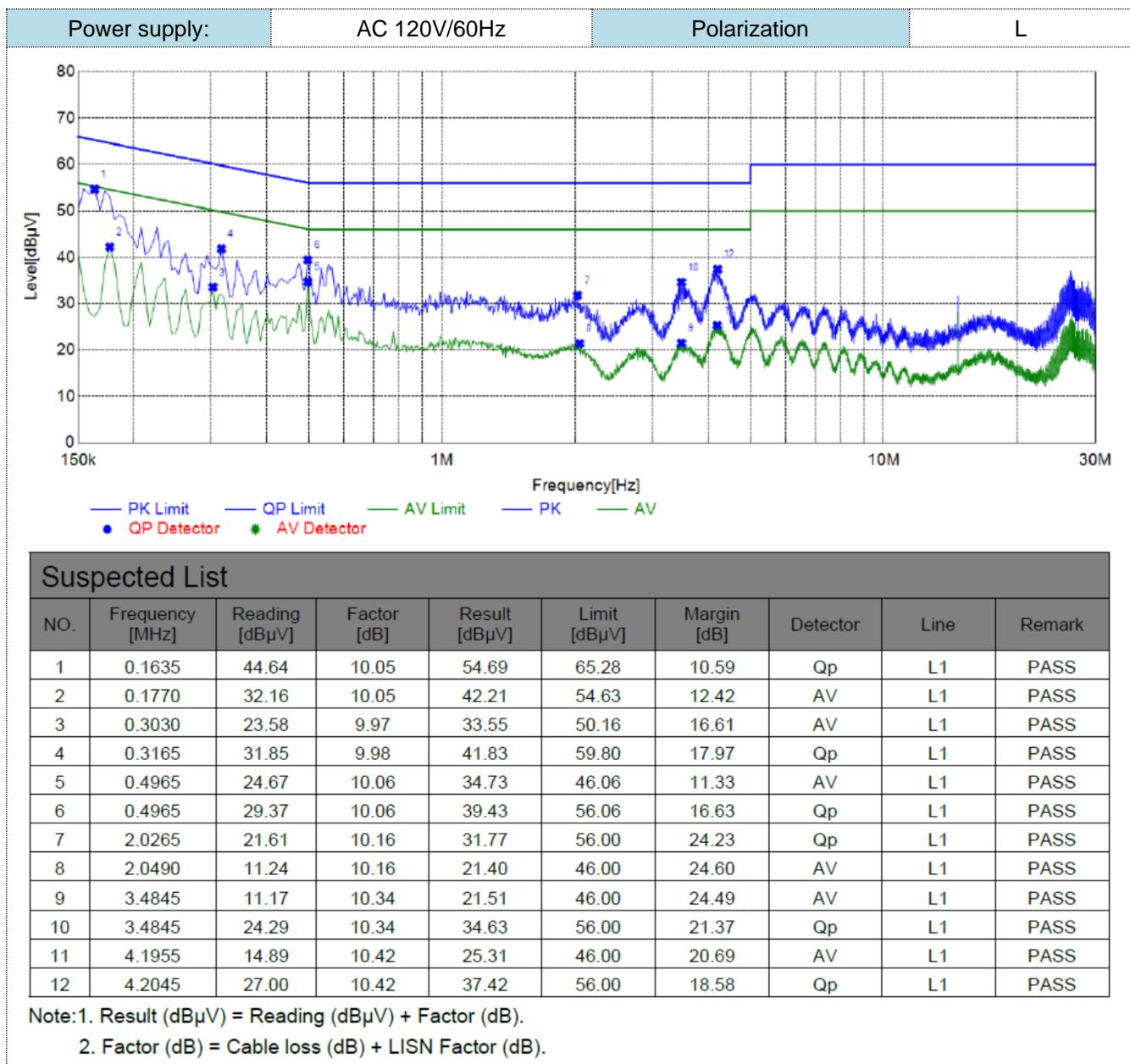
| Frequency range (MHz) | Limit (dBuV) |           |
|-----------------------|--------------|-----------|
|                       | Quasi-peak   | Average   |
| 0.15-0.5              | 66 to 56*    | 56 to 46* |
| 0.5-5                 | 56           | 46        |
| 5-30                  | 60           | 50        |

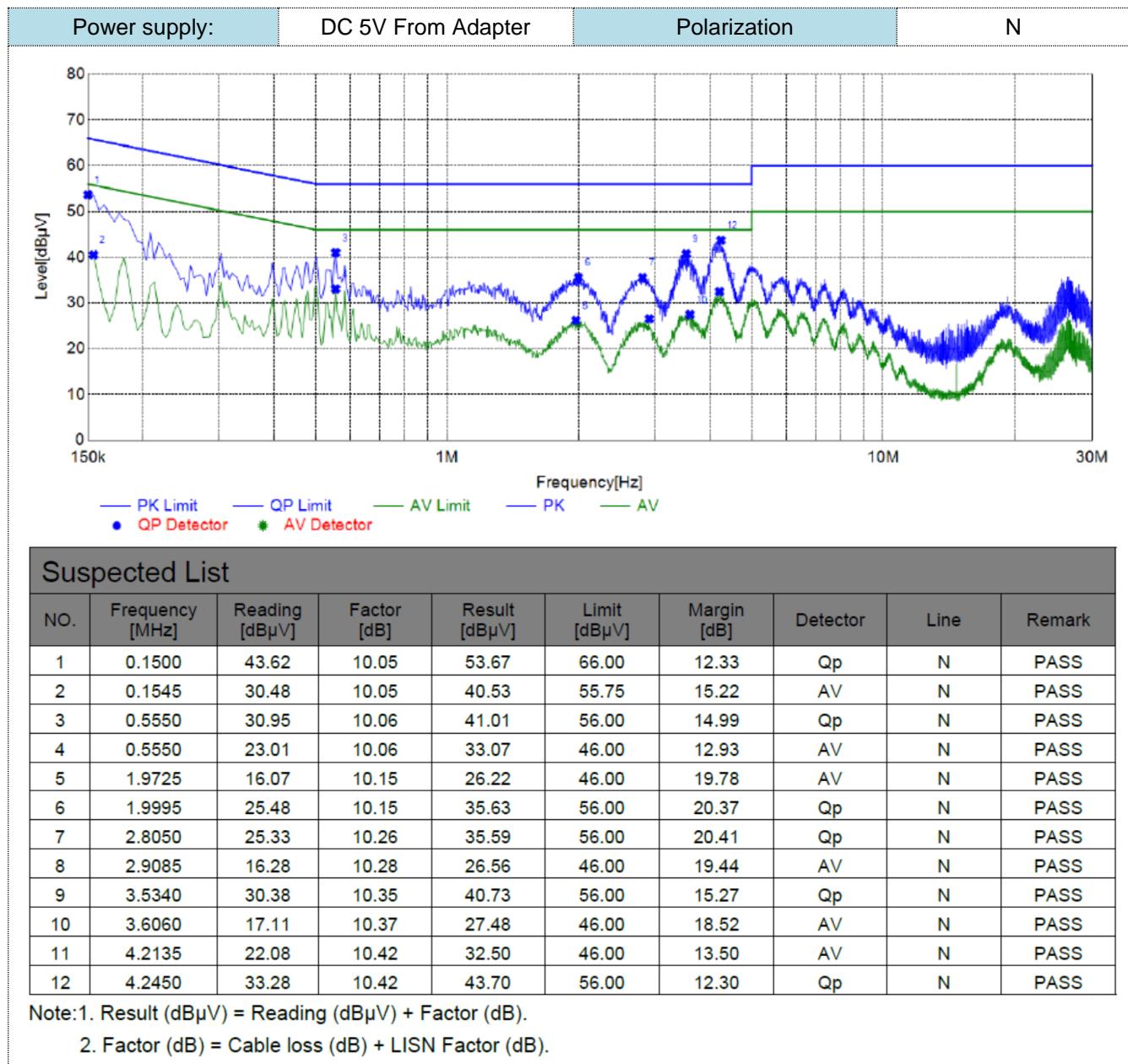
\* Decreases with the logarithm of the frequency.

#### TEST RESULTS

Remark:

1. Both 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz power supply have been tested, only the worst result of 120 VAC, 60 Hz was reported as below:.





## 4.2 Radiated Emission

### Limit

For intentional device, according to 15.209(a) the general requirement of field strength of radiated emission from intentional radiators at a distance of 3 meters shall not exceed the following table.

| Frequency (MHz) | Distance (Meters) | Radiated (dB $\mu$ V/m)                    | Radiated ( $\mu$ V/m) |
|-----------------|-------------------|--|-----------------------|
| 0.009-0.49      | 3                 | $20\log(2400/F(\text{kHz}))+40\log(300/3)$ | $2400/F(\text{kHz})$  |
| 0.49-1.705      | 3                 | $20\log(24000/F(\text{kHz}))+40\log(30/3)$ | $24000/F(\text{kHz})$ |
| 1.705-30        | 3                 | $20\log(30)+40\log(30/3)$                  | 30                    |
| 30-88           | 3                 | 40.0                                       | 100                   |
| 88-216          | 3                 | 43.5                                       | 150                   |
| 216-960         | 3                 | 46.0                                       | 200                   |
| Above 960       | 3                 | 54.0                                       | 500                   |

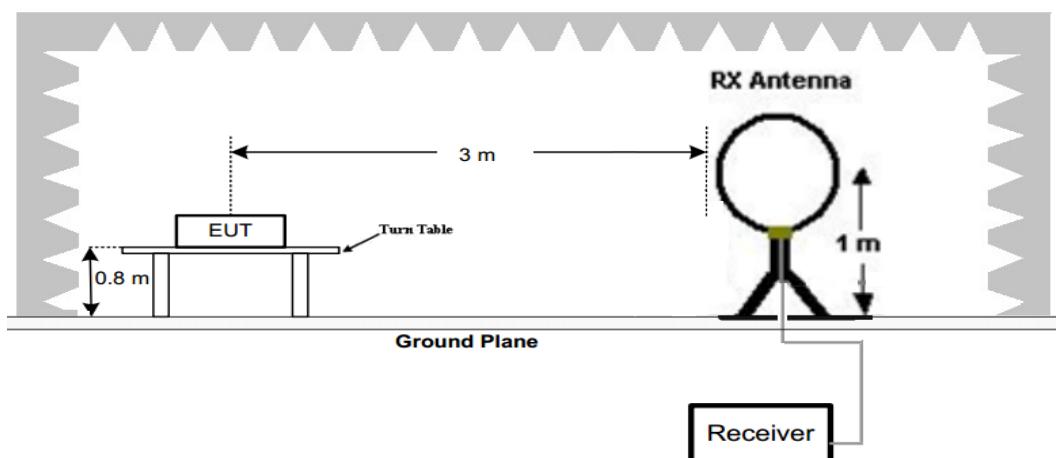
In addition to the provisions of 15.231(b), the field strength of emissions from intentional radiators operated under this section shall not exceed the following:

| Fundamental frequency (MHz) | Field strength of fundamental (microvolts/meter) | Field strength of spurious emission (microvolts/meter) |
|-----------------------------|--|--|
| 40.66-40.70                 | 1,000  | 100  |
| 70-130                      | 500  | 50   |
| 130-174                     | 500 to 1,500 <sup>1</sup>                        | 50 to 150 <sup>1</sup>                                 |
| 174-260                     | 1,500  | 150  |
| 260-470                     | 1,500 to 5,000 <sup>1</sup>                      | 150 to 500 <sup>1</sup>                                |
| Above 470                   | 5,000  | 500  |

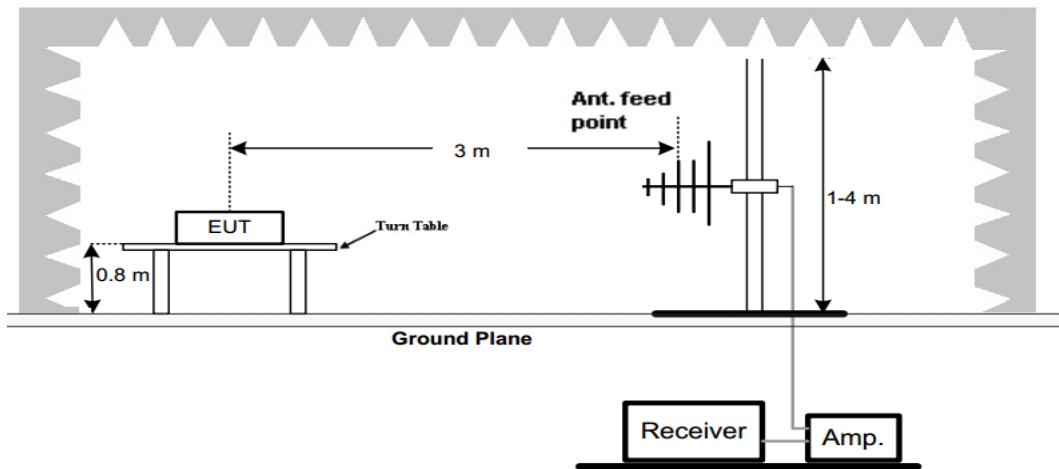
[Where F is the frequency in MHz, the formulas for calculating the maximum permitted fundamental field strengths are as follows: for the band 260-470 MHz,  $\mu$ V/m at 3 meters =  $(16.67 \times f) - 2833.33$ . The maximum permitted unwanted emission level is 20 dB below the maximum permitted fundamental level.]

### TEST CONFIGURATION

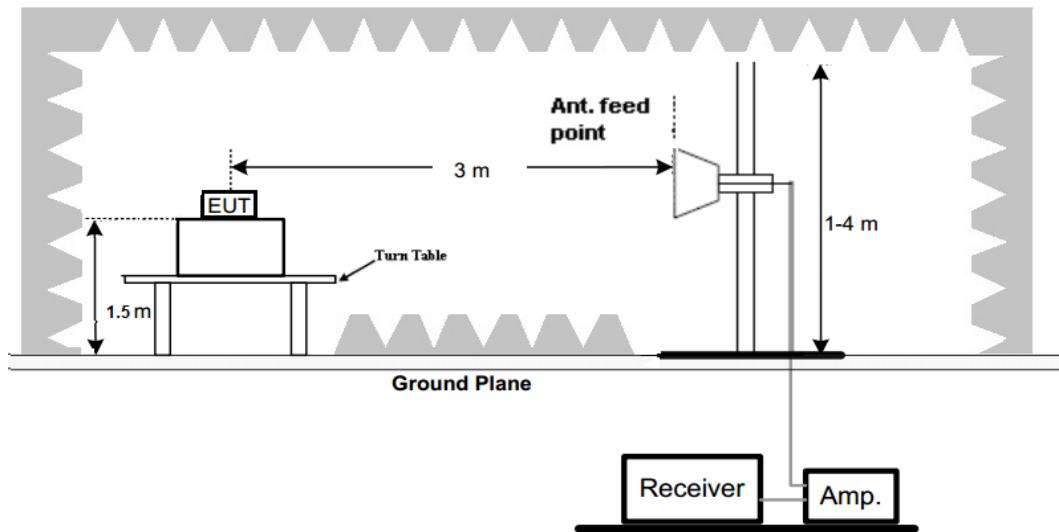
#### (A) Radiated Emission Test Set-Up, Frequency Below 30MHz



#### (B) Radiated Emission Test Set-Up, Frequency below 1000MHz



(C) Radiated Emission Test Set-Up, Frequency above 1000MHz



### **Test Procedure**

1. Below 1GHz measurement the EUT is placed on a turntable which is 0.8m above ground plane, and above 1GHz measurement EUT was placed on a low permittivity and low loss tangent turn table which is 1.5m above ground plane.
2. Maximum procedure was performed by raising the receiving antenna from 1m to 4m and rotating the turn table from 0°C to 360°C to acquire the highest emissions from EUT
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measurements have been completed.

**TEST RESULTS**

The emissions from 30MHz to 5GHz are measured peak and average level, below 1 GHz measured QP level, detailed test data please see below. Besides, we tested 3 directions and recorded the worst data.

| Emission Styles | Frequency (MHz) | Reading (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Direction (H/V) |
|-----------------|-----------------|------------------|----------------|-------------|----------|-----------------|
| Fundamental     | 432.10          | 74.86            | 92.21          | 17.35       | PK       | H               |
| Spurious        | 425.60          | 41.32            | 46.00          | 4.68        | PK       | H               |
| Harmonics       | 864.20          | 58.36            | 72.21          | 13.85       | PK       | H               |
| Harmonics       | 1296.30         | 57.43            | 72.21          | 14.78       | PK       | H               |
| --              | --              | --               | --             | --          | --       | --              |
| Fundamental     | 432.10          | 72.28            | 92.21          | 19.93       | PK       | V               |
| Spurious        | 425.60          | 42.73            | 46.00          | 3.27        | PK       | V               |
| Harmonics       | 864.20          | 59.76            | 72.21          | 12.45       | PK       | V               |
| Harmonics       | 1296.30         | 57.59            | 72.21          | 14.62       | PK       | V               |
| --              | --              | --               | --             | --          | --       | --              |

| Emission Styles | Frequency (MHz) | PK Level (dBuV/m) | AV Factor (dB/m) | AV Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Direction (H/V) |
|-----------------|-----------------|-------------------|------------------|-------------------|----------------|-------------|-----------------|
| Fundamental     | 432.10          | 74.86             | -11.24           | 63.62             | 72.21          | 15.33       | H               |
| Harmonics       | 864.20          | 58.36             | -11.24           | 47.12             | 52.21          | 12.94       | H               |
| Harmonics       | 1296.30         | 57.43             | -11.24           | 46.19             | 52.21          | 6.02        | H               |
| --              | --              | --                | --               | --                | --             | --          | --              |
| Fundamental     | 432.10          | 72.28             | -11.24           | 61.04             | 72.21          | 18.79       | V               |
| Harmonics       | 864.20          | 59.76             | -11.24           | 48.52             | 52.21          | 12.38       | V               |
| Harmonics       | 1296.30         | 57.59             | -11.24           | 46.35             | 52.21          | 5.86        | V               |
| --              | --              | --                | --               | --                | --             | --          | --              |

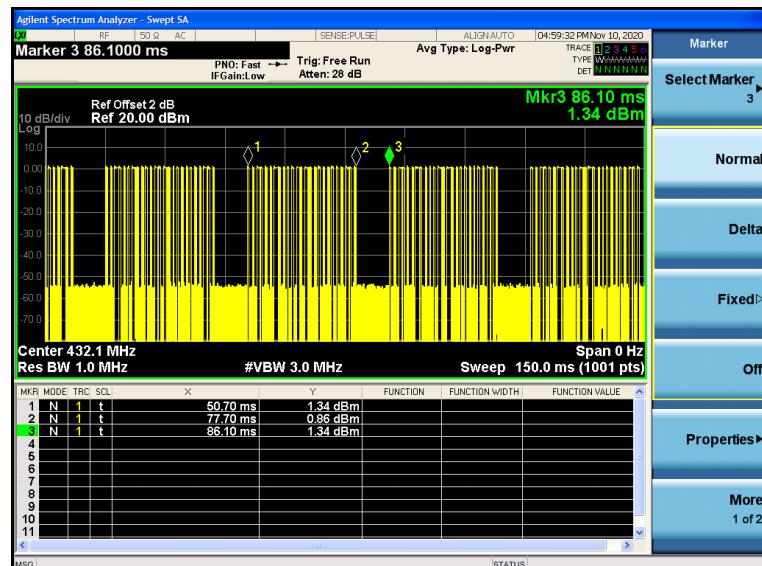
Note:

1. AV Level (dBuV/m)= PK Level (dBuV/m)+ AV Factor(dB)
2. In a transmit cycle 35.40ms period found burst 25pcs, the Duty Cycle can calculate as below:  

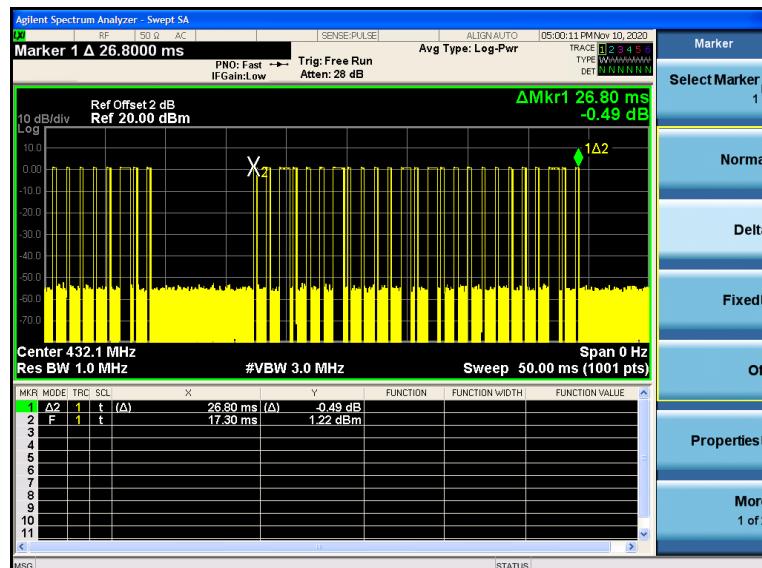
$$\text{Duty Cycle} = (0.280*20+0.820*5)/35.40 = (5.60+4.10)/35.40 = 0.274$$

$$\text{AV Factor} = 20*\log(\text{Duty Cycle}) = 20*\log(0.274) = -11.24$$

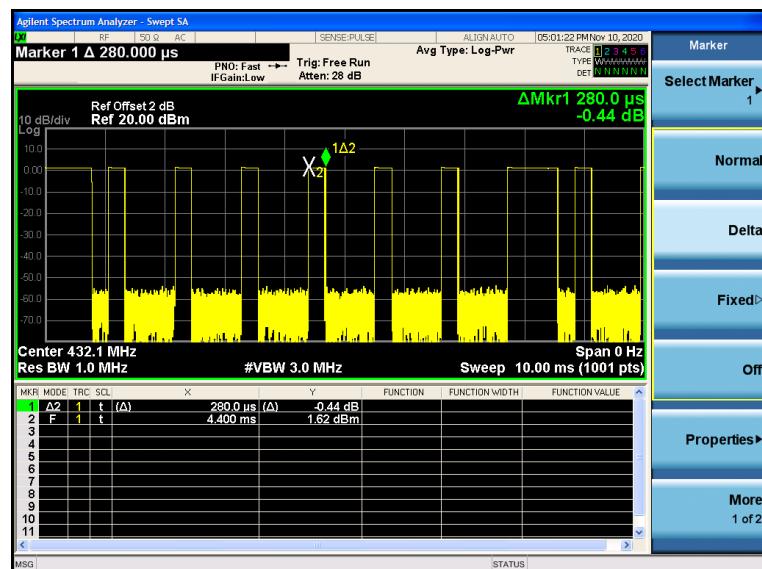
(The plot of Duty Cycle See the follow page)



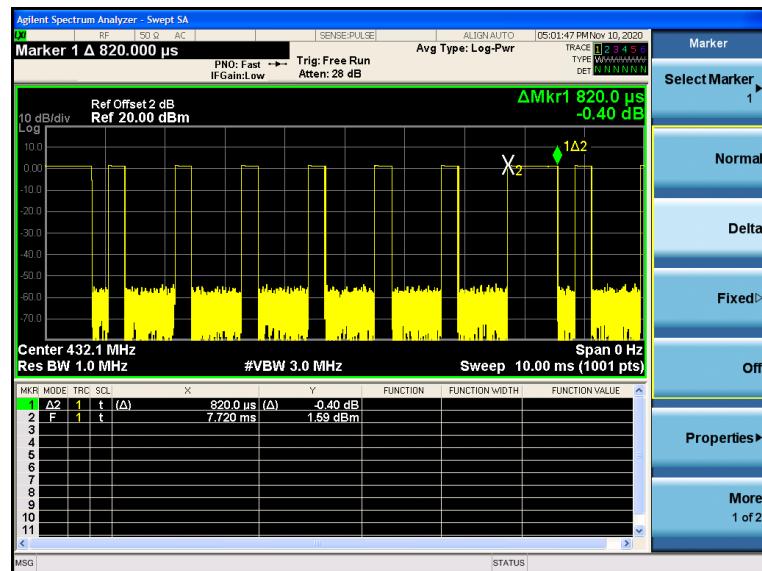
(Transmit cycle 35.40ms)



(Total Bursts in a transmit cycle 25pcs)



(Time per burst: 0.280ms\*20pcs)



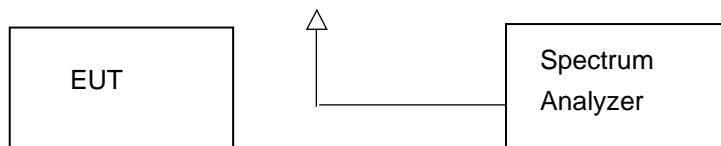
(Time per burst: 0.820ms\*5pcs)

## 4.3 20dB Bandwidth

### Limit

According to 47 CFR 15.231(c) The bandwidth of the emission shall be no wider than 0.25% of the centre frequency for devices operating above 70MHz and below 900MHz. Bandwidth is determined at the points 20dB down from the modulated carrier.

### Test Configuration



### Test Procedure

The 20dB bandwidth and 99% bandwidth is measured with a spectrum analyzer connected via a receive antenna placed near the EUT while the EUT is operating in transmission mode.

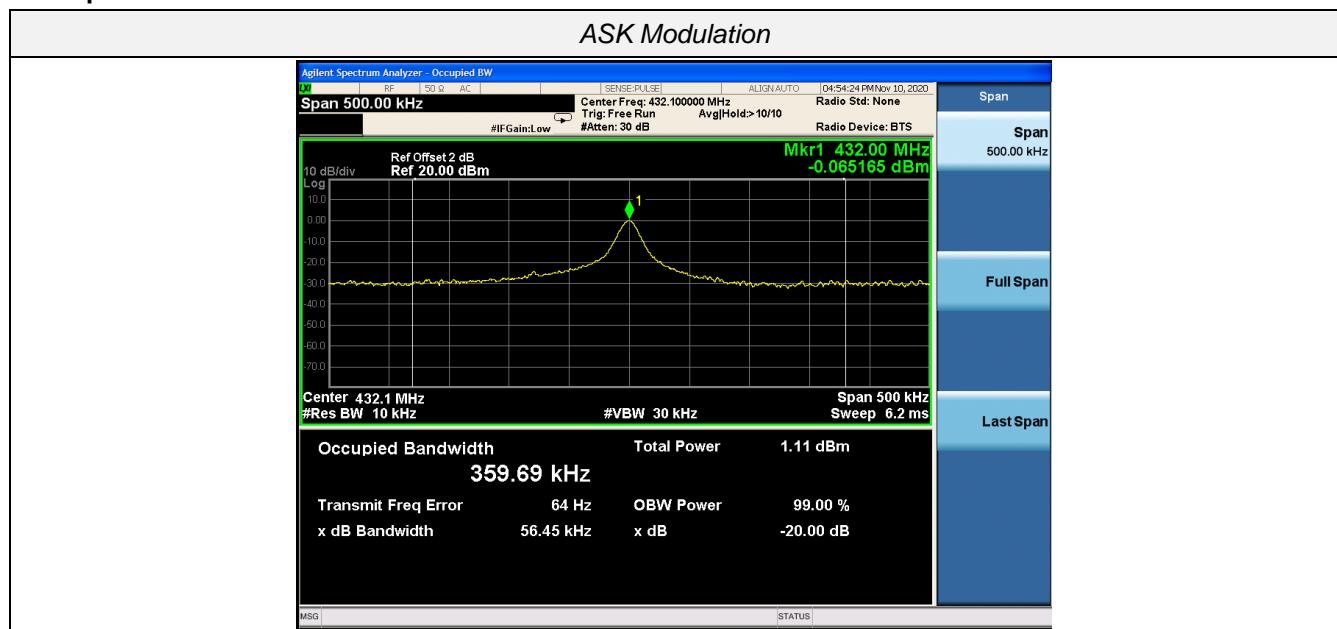
The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

The occupied bandwidth (OBW), that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission.

### Test Results

| Modulation | Channel Frequency (MHz) | 20dB bandwidth (KHz) | Limit (KHz)         | Result |
|------------|-------------------------|----------------------|---------------------|--------|
| ASK        | 432.10                  | 56.45                | 0.25*432.10=108.025 | Pass   |

**Test plot as follows:**

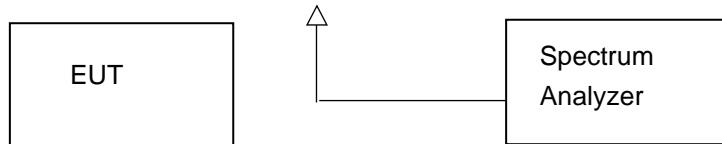


## 4.4 Deactivation Time

### Limit

According to FCC §15.231(e), devices operated under the provisions of this paragraph shall be provided with a means for automatically limiting operation so that the duration of each transmission shall not be greater than one second and the silent period between transmissions shall be at least 30 times the duration of the transmission but in no case less than 10 seconds..

### Test Configuration



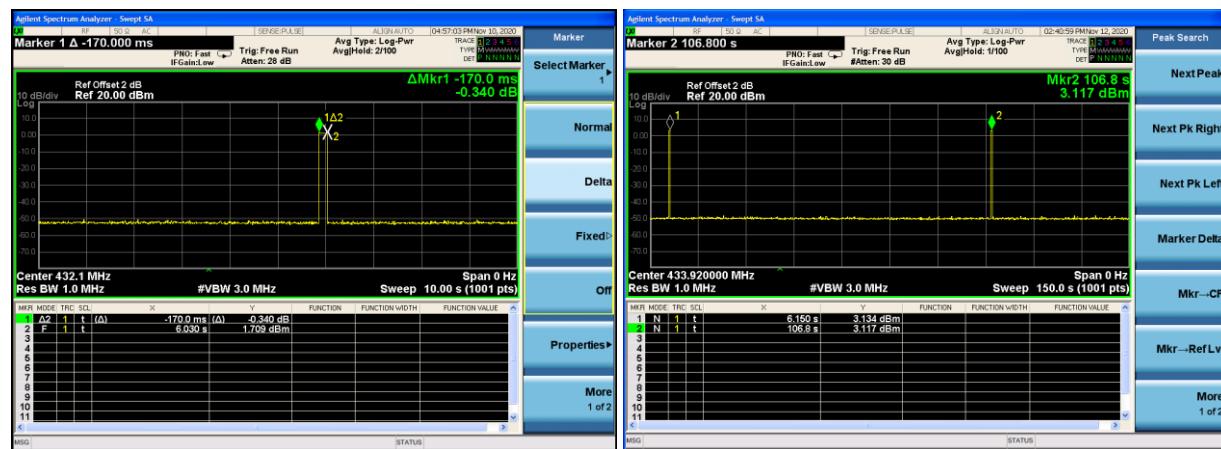
### Test Procedure

1. The EUT was placed on a wooded table which is 0.8m height and close to receiver antenna of spectrum analyzer.
2. The spectrum analyzer resolution bandwidth was set to 1 MHz and video bandwidth was set to 1 MHz to encompass all significant spectral components during the test. The spectrum analyzer was operated in linear scale and zero span mode after tuning to the transmitter carrier frequency.

### TEST RESULTS

Note: The transmitter was automatically activated, and the carrier frequency 432.10MHz:

| Frequency (MHz) | Transmission time (S) | Limit (S) | Silent time (S) | Limit (S)                                    | Result |
|-----------------|-----------------------|-----------|-----------------|--|--------|
| 432.10          | 0.170                 | 1         | 100.65          | 30 times Transmission time; no less than 10s | Pass   |



## 4.5 Antenna Requirement

### Standard Applicable

According to FCC Part 15C 15.203

- a) An intentional radiator shall be de-signed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.
- b) 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.

### **Refer to statement below for compliance.**

The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

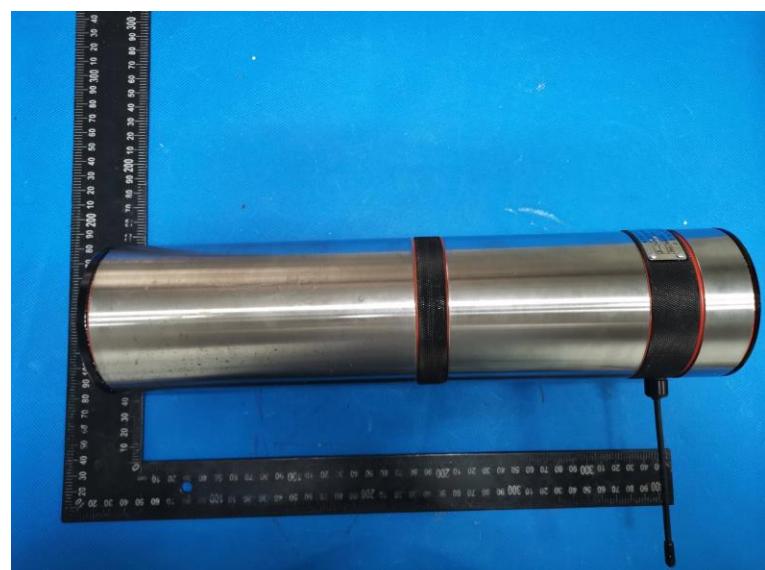
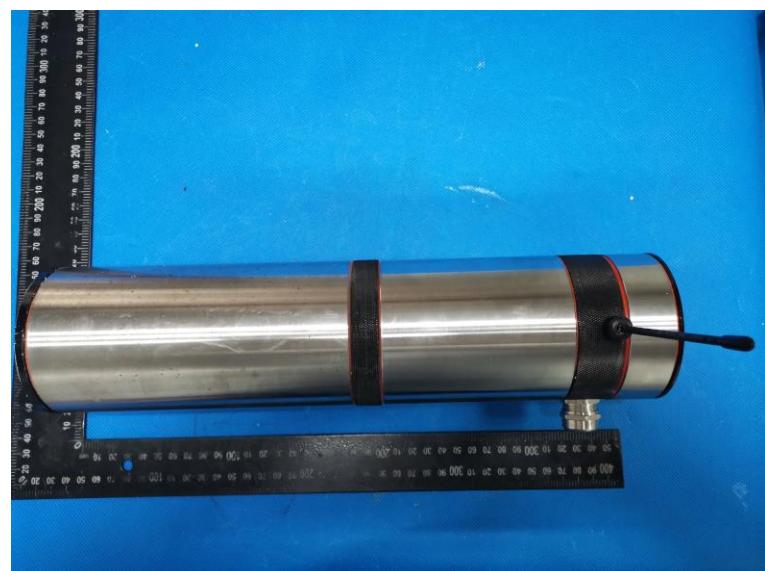
### Antenna Connected Construction

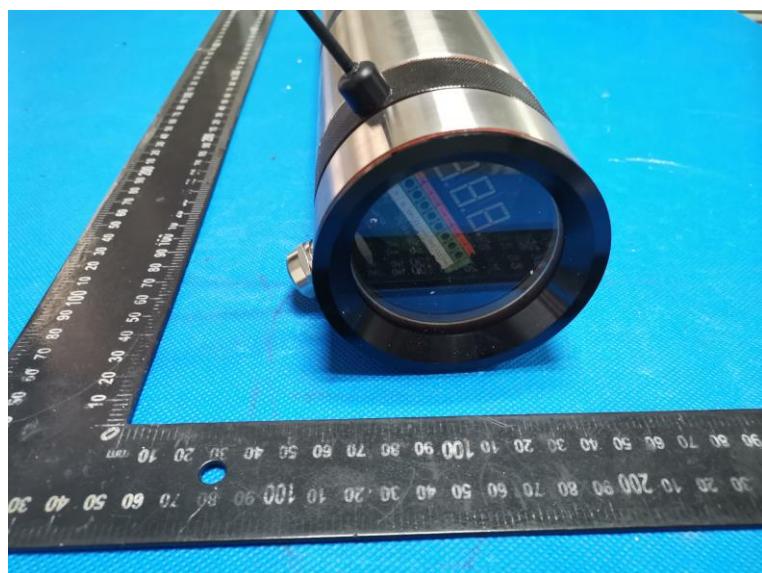
The antenna used in this product is an external Antenna, The directional gains of antenna used for transmitting is 0 dBi.

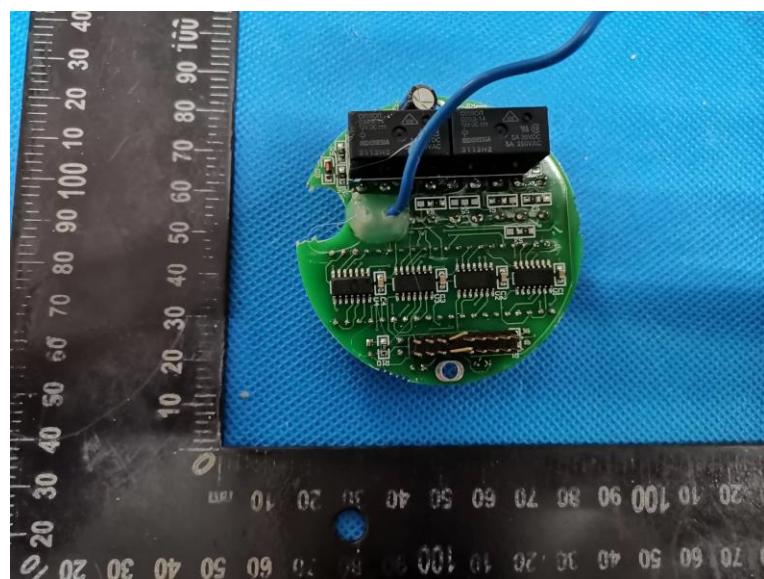
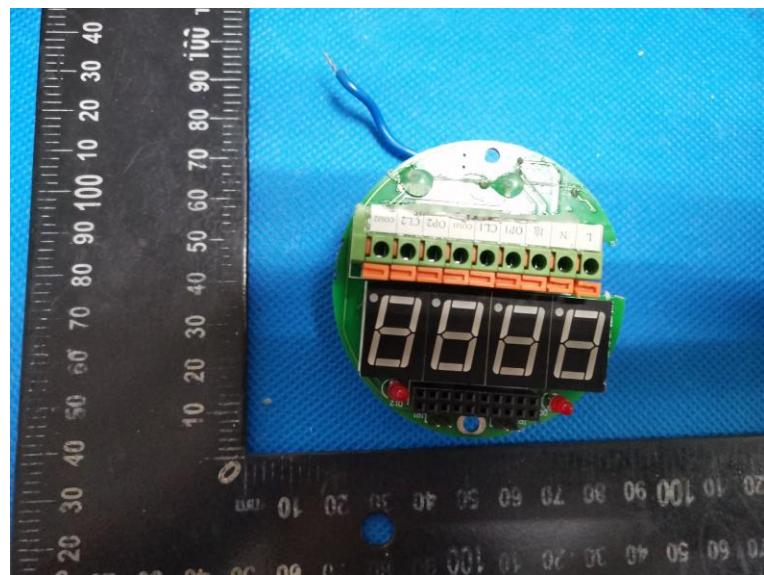
## 5 Test Setup Photos of the EUT

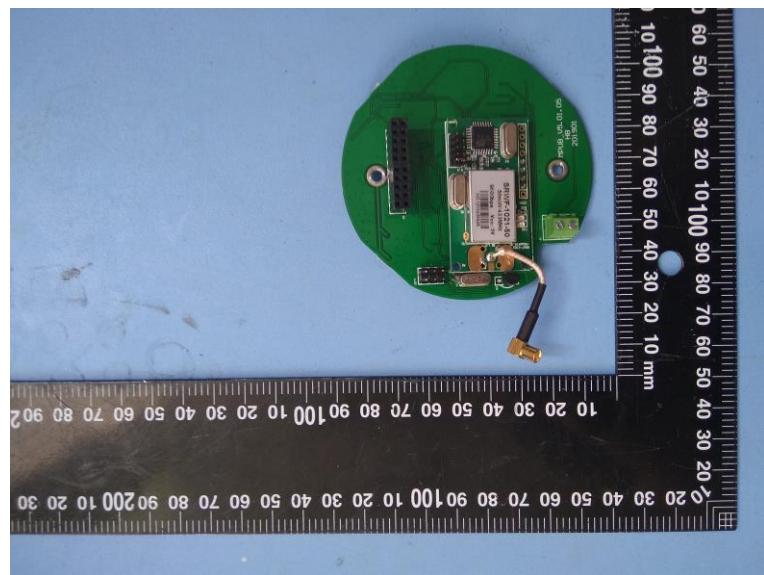
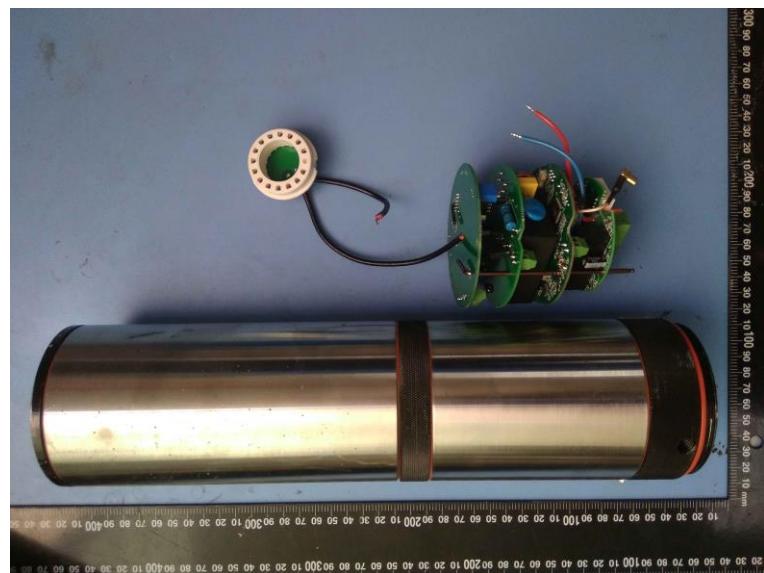


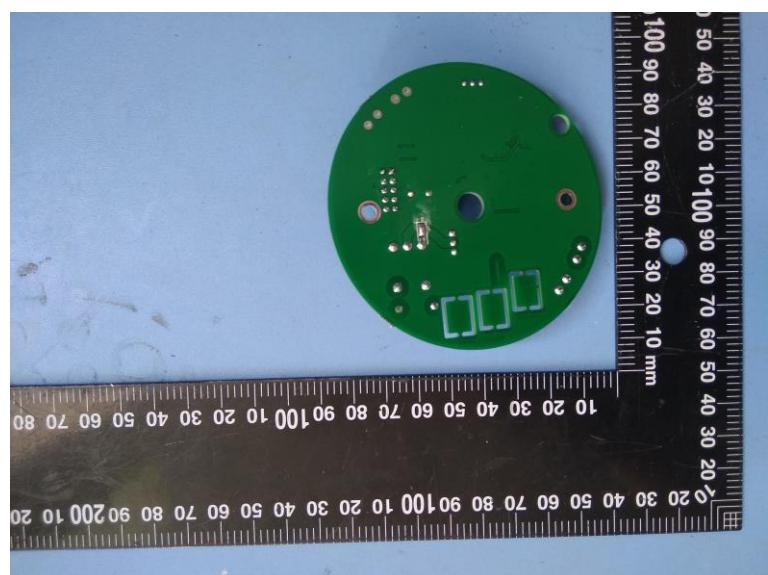
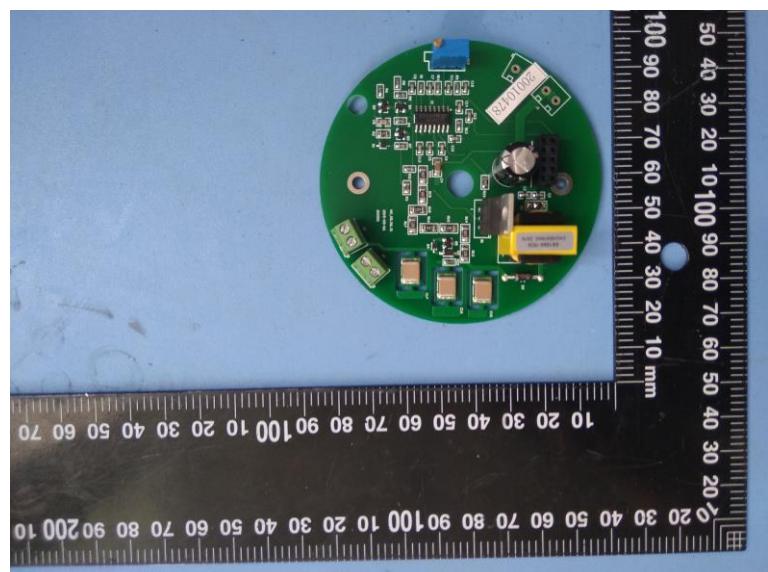
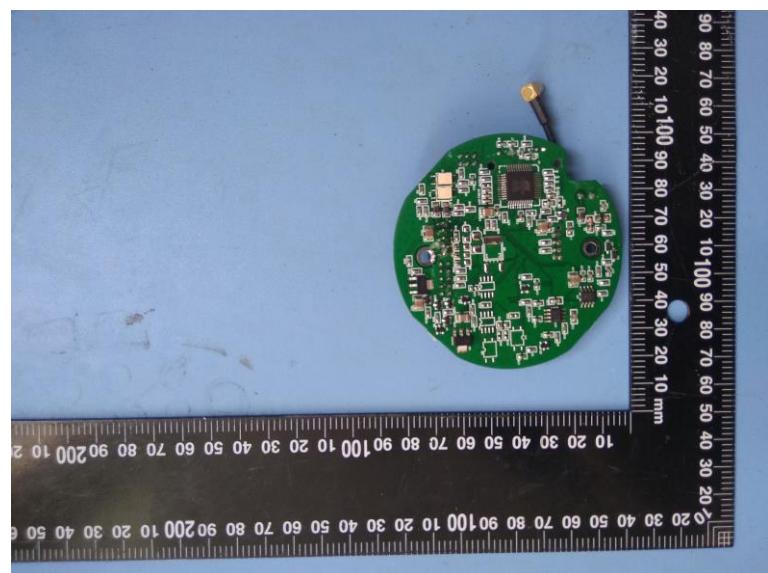
## 6 Photos of the EUT

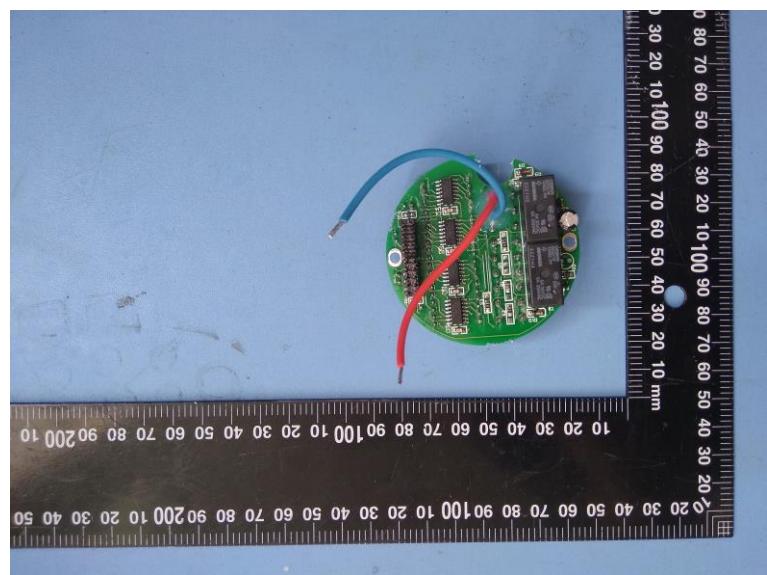
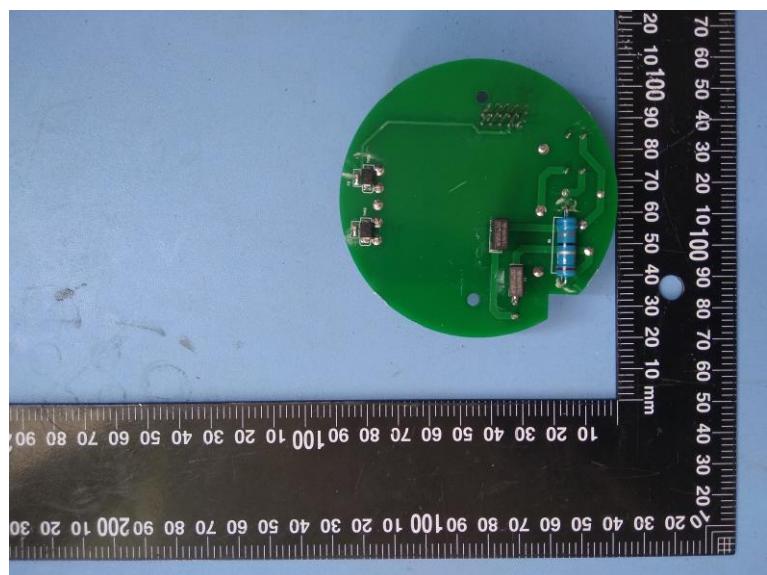
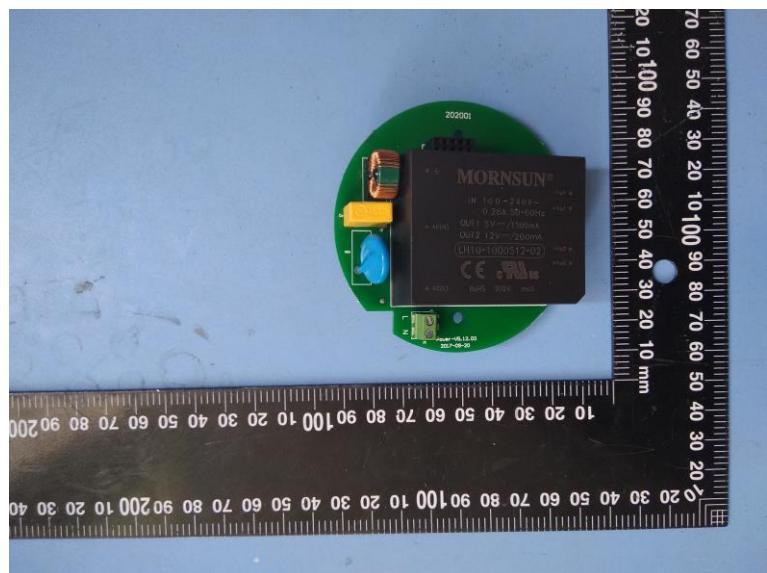


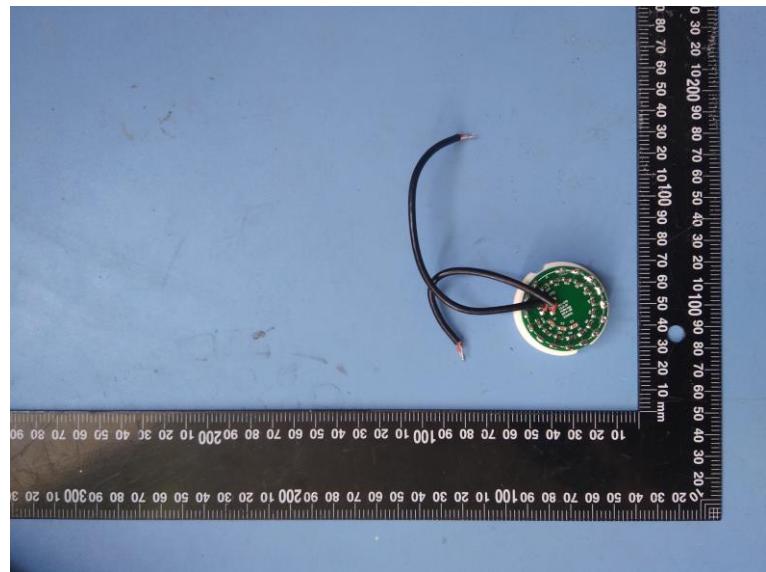
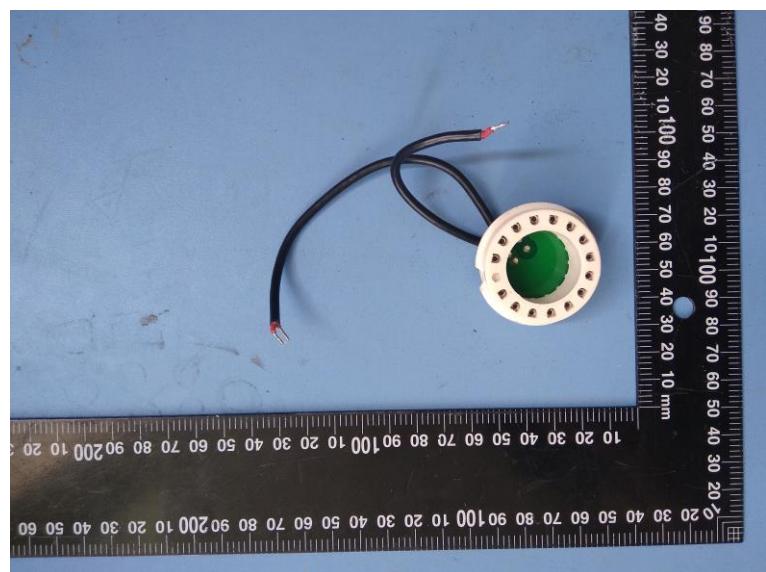
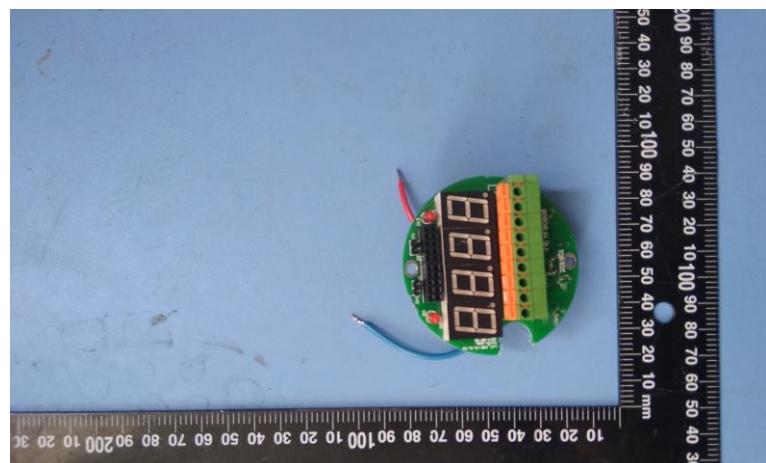












\*\*\*\*\* End of Report \*\*\*\*\*