



# FCC TEST REPORT

**Test report  
On Behalf of  
Shenzhen Trainertec Electronic Co., Ltd  
For  
Dog training collar  
Model No.: DT4200**

**FCC ID: 2AG8M-DT4200**

**Prepared for :** Shenzhen Trainertec Electronic Co., Ltd  
4F, 1Blg, Dezhong Industry Park, Bantian District, Shenzhen, China

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**Date of Test:** Apr. 23, 2020 ~ May. 24, 2020

**Date of Report:** May. 24, 2020

**Report Number:** HK2104281315-E

**TEST RESULT CERTIFICATION****Applicant's name** .....: Shenzhen Trainertec Electronic Co., Ltd**Address** .....: 4F, 1Blg, Dezhong Industry Park, Bantian District, Shenzhen, China**Manufacture's Name**.....: Shenzhen Trainertec Electronic Co., Ltd**Address** .....: 4F, 1Blg, Dezhong Industry Park, Bantian District, Shenzhen, China**Product description****Trade Mark:** N/A**Product name** .....: Dog training collar**Model and/or type reference** : DT4200**Standards** .....: FCC Part15 Subpart C 2017, Section 15.231  
ANSI C63.10: 2013

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**Date of Test**.....:**Date (s) of performance of tests** .....: Apr. 23, 2020 ~ May. 24, 2020**Date of Issue**.....: May. 24, 2020**Test Result** .....: **Pass****Testing Engineer** :

(Gary Qian)

**Technical Manager** :

(Eder Hu)

**Authorized Signatory** :

(Jason Zhou)





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**\*\* Modified History \*\***

| Revision     | Description                 | Issued Date   | Remark     |
|--------------|-----------------------------|---------------|------------|
| Revision 1.0 | Initial Test Report Release | May. 24, 2020 | Jason Zhou |
|              |                             |               |            |
|              |                             |               |            |



## 1. TEST SUMMARY

### 1.1 TEST FACILITY

| Standard Section                                            | Test Item               | Result |
|-------------------------------------------------------------|-------------------------|--------|
| 15.203                                                      | Antenna Requirement     | PASS   |
| 15.207                                                      | Conducted Emission      | PASS   |
| 15.205/15.209/15.231(b)                                     | Spurious Emission       | PASS   |
| 15.231(c)                                                   | 20dB Occupied Bandwidth | PASS   |
| 15.231(a)                                                   | Deactivation Testing    | PASS   |
| <b>Remark:</b> "N/A" is an abbreviation for Not Applicable. |                         |        |

### 1.2 TEST FACILITY

Test Firm : Shenzhen HUAKE Testing Technology Co., Ltd.

Address 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park,  
Heping, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

### 1.3 MEASUREMENT UNCERTAINTY

| Measurement uncertainty        |            |             |
|--------------------------------|------------|-------------|
| Parameter                      | Conditions | Uncertainty |
| Occupied Bandwidth             | Conducted  | ±1.5%       |
| Conducted Spurious Emission    | Conducted  | ±2.17dB     |
| Transmission Time              | Conducted  | ±5%         |
| Conducted Emissions            | Conducted  | ±2.88dB     |
| Transmitter Spurious Emissions | Radiated   | ±5.1dB      |



## 2. General Information

### 2.1. Description of Device (EUT)

|                                                                                                                                    |   |                                                                        |                  |
|------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------|------------------|
| Product Name                                                                                                                       | : | Dog training collar                                                    |                  |
| Model No.                                                                                                                          | : | DT4200                                                                 |                  |
| Serial No                                                                                                                          | : | N/A                                                                    |                  |
| Model Difference                                                                                                                   | : | N/A                                                                    |                  |
| Trade Mark                                                                                                                         | : | N/A                                                                    |                  |
| Test Power Supply                                                                                                                  | : | DC 3.7V from battery<br>DC5V 1A from Adapter with AC100V-240V, 50/60Hz |                  |
| Product Description                                                                                                                | : | Operation Frequency:                                                   | 434MHz           |
|                                                                                                                                    |   | Number of Channel:                                                     | 1 Channels       |
|                                                                                                                                    |   | Modulation Type:                                                       | ASK              |
|                                                                                                                                    |   | Antenna Type:                                                          | External Antenna |
|                                                                                                                                    |   | Antenna Gain(Peak):                                                    | 0dBi             |
| <b>Remark:</b> 1)For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. |   |                                                                        |                  |

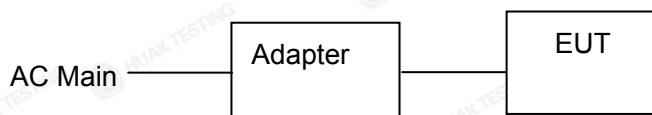


## 2.2. DESCRIPTION OF TEST SETUP

Operation of EUT during Radiation testing

EUT

Operation of EUT during Conducted:



Adapter information

Model: LX050100

Input: 100-240V, 50/60Hz

Output: 5VDC, 1A

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

## 2.3. List of channels

| Channel | Freq.<br>(MHz) | Note<br>(Modulation Type) |
|---------|----------------|---------------------------|
| 01      | 434            | ASK                       |

**2.5. Test Equipment List**

| Item | Equipment                               | Manufacturer    | Model No.           | Serial No. | Last Cal.     | Cal. Interval |
|------|-----------------------------------------|-----------------|---------------------|------------|---------------|---------------|
| 1.   | L.I.S.N.<br>Artificial Mains<br>Network | R&S             | ENV216              | HKE-002    | Jun. 18, 2020 | 1 Year        |
| 2.   | Receiver                                | R&S             | ESCI 7              | HKE-010    | Jun. 18, 2020 | 1 Year        |
| 3.   | RF automatic<br>control unit            | Tonscend        | JS0806-2            | HKE-060    | Jun. 18, 2020 | 1 Year        |
| 4.   | Spectrum analyzer                       | R&S             | FSP40               | HKE-025    | Jun. 18, 2020 | 1 Year        |
| 5.   | Spectrum analyzer                       | Agilent         | N9020A              | HKE-048    | Jun. 18, 2020 | 1 Year        |
| 6.   | Preamplifier                            | Schwarzbeck     | BBV 9743            | HKE-006    | Jun. 18, 2020 | 1 Year        |
| 7.   | EMI Test Receiver                       | Rohde & Schwarz | ESCI 7              | HKE-010    | Jun. 18, 2020 | 1 Year        |
| 8.   | Bilog Broadband<br>Antenna              | Schwarzbeck     | VULB9163            | HKE-012    | Jun. 18, 2020 | 1 Year        |
| 9.   | Loop Antenna                            | Schwarzbeck     | FMZB 1519<br>B      | HKE-014    | Jun. 18, 2020 | 1 Year        |
| 10.  | Horn Antenna                            | Schwarzbeck     | 9120D               | HKE-013    | Jun. 18, 2020 | 1 Year        |
| 11.  | Pre-amplifier                           | EMCI            | EMC051845<br>SE     | HKE-015    | Jun. 18, 2020 | 1 Year        |
| 12.  | Pre-amplifier                           | Agilent         | 83051A              | HKE-016    | Jun. 18, 2020 | 1 Year        |
| 13.  | EMI Test Software<br>EZ-EMC             | Tonscend        | JS1120-B<br>Version | HKE-083    | Jun. 18, 2020 | N/A           |
| 14.  | Power Sensor                            | Agilent         | E9300A              | HKE-086    | Jun. 18, 2020 | 1 Year        |
| 15.  | Spectrum analyzer                       | Agilent         | N9020A              | HKE-048    | Jun. 18, 2020 | 1 Year        |
| 16.  | Signal generator                        | Agilent         | N5182A              | HKE-029    | Jun. 18, 2020 | 1 Year        |
| 17.  | Signal Generator                        | Agilent         | 83630A              | HKE-028    | Jun. 18, 2020 | 1 Year        |
| 18.  | Shielded room                           | Shiel Hong      | 4*3*3               | HKE-039    | Dec. 17, 2020 | 3 Year        |



### 3. Conducted Emission Test

#### 3.1 Conducted Power Line Emission Limit

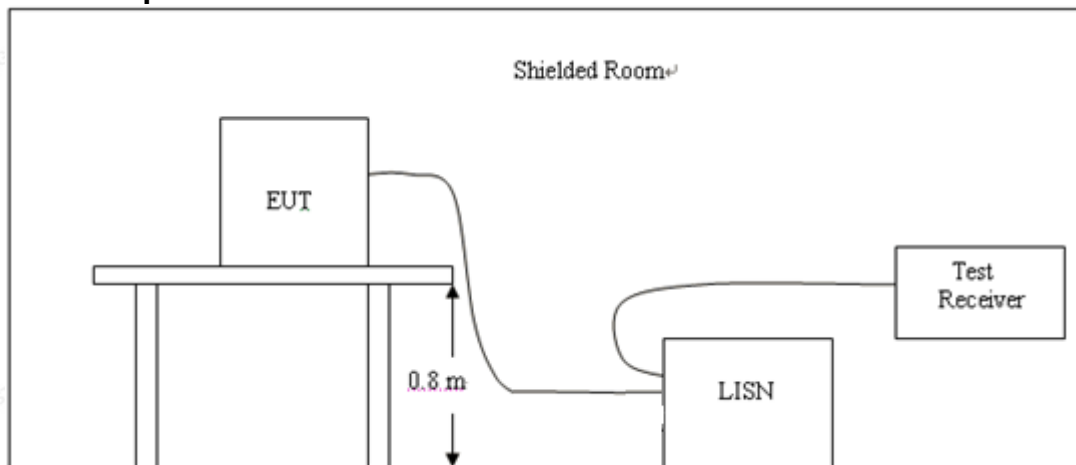
For unintentional device, according to § 15.107(a) Line Conducted Emission Limits is as following

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

\* 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



#### 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.

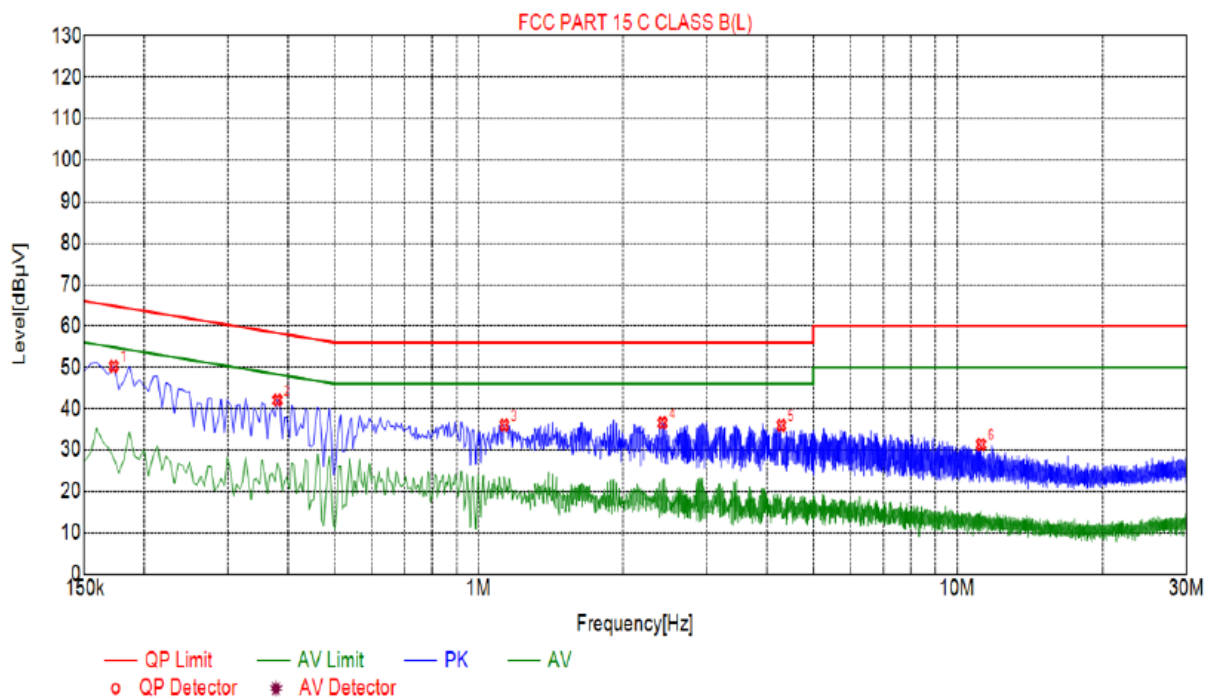
#### 3.4 Test Data

##### TEST RESULTS

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Test Specification: Line



## Suspected List

| NO. | Freq.<br>[MHz] | Level<br>[dBμV] | Factor<br>[dB] | Limit<br>[dBμV] | Margin<br>[dB] | Reading<br>[dBμV] | Detector | Type |
|-----|----------------|-----------------|----------------|-----------------|----------------|-------------------|----------|------|
| 1   | 0.1725         | 50.24           | 20.04          | 64.84           | 14.60          | 30.20             | PK       | L    |
| 2   | 0.3795         | 42.03           | 20.05          | 58.29           | 16.26          | 21.98             | PK       | L    |
| 3   | 1.1310         | 36.02           | 20.08          | 56.00           | 19.98          | 15.94             | PK       | L    |
| 4   | 2.4225         | 36.55           | 20.18          | 56.00           | 19.45          | 16.37             | PK       | L    |
| 5   | 4.2900         | 35.95           | 20.25          | 56.00           | 20.05          | 15.70             | PK       | L    |
| 6   | 11.2245        | 31.32           | 20.01          | 60.00           | 28.68          | 11.31             | PK       | L    |

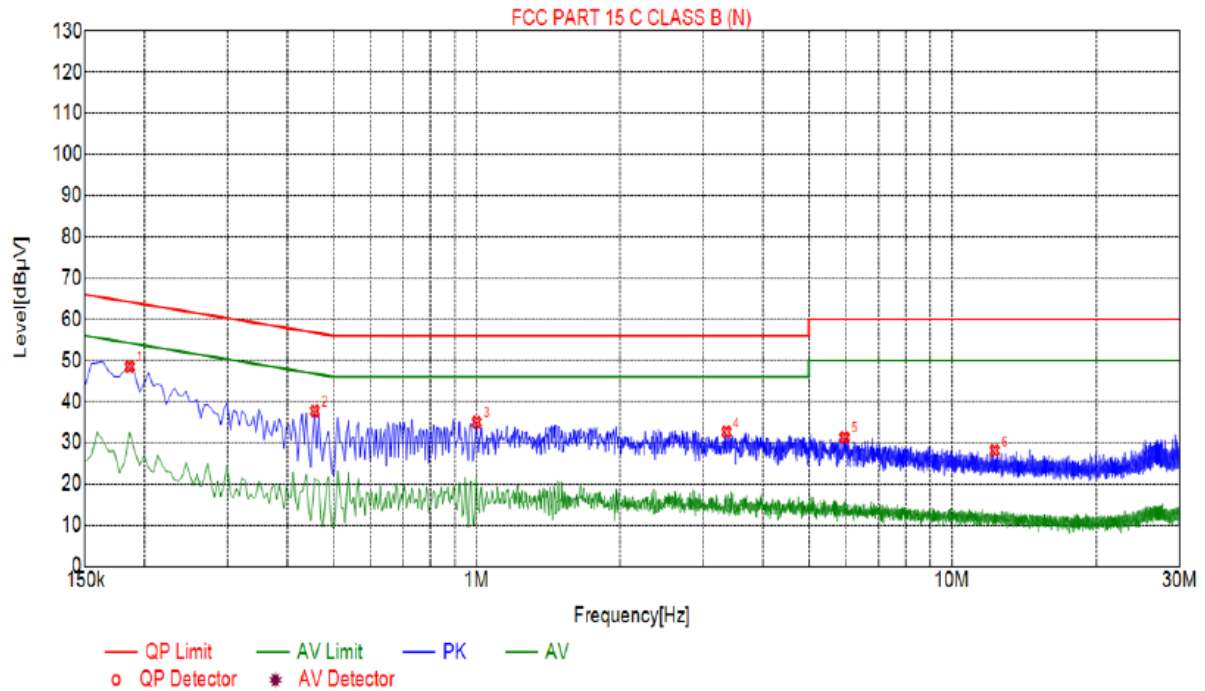
Remark: Margin = Limit – Level

Correction factor = Cable lose + LISN insertion loss

Level=Test receiver reading + correction factor



Test Specification: Neutral



## Suspected List

| NO. | Freq.<br>[MHz] | Level<br>[dBμV] | Factor<br>[dB] | Limit<br>[dBμV] | Margin<br>[dB] | Reading<br>[dBμV] | Detector | Type |
|-----|----------------|-----------------|----------------|-----------------|----------------|-------------------|----------|------|
| 1   | 0.1860         | 48.45           | 20.05          | 64.21           | 15.76          | 28.40             | PK       | N    |
| 2   | 0.4560         | 37.70           | 20.04          | 56.77           | 19.07          | 17.66             | PK       | N    |
| 3   | 1.0005         | 34.97           | 20.06          | 56.00           | 21.03          | 14.91             | PK       | N    |
| 4   | 3.3540         | 32.60           | 20.24          | 56.00           | 23.40          | 12.36             | PK       | N    |
| 5   | 5.9460         | 31.25           | 20.23          | 60.00           | 28.75          | 11.02             | PK       | N    |
| 6   | 12.3045        | 28.07           | 19.98          | 60.00           | 31.93          | 8.09              | PK       | N    |

Remark: Margin = Limit – Level

Correction factor = Cable lose + LISN insertion loss

Level=Test receiver reading + correction factor



## 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                                                   |

\*\* linear interpolations

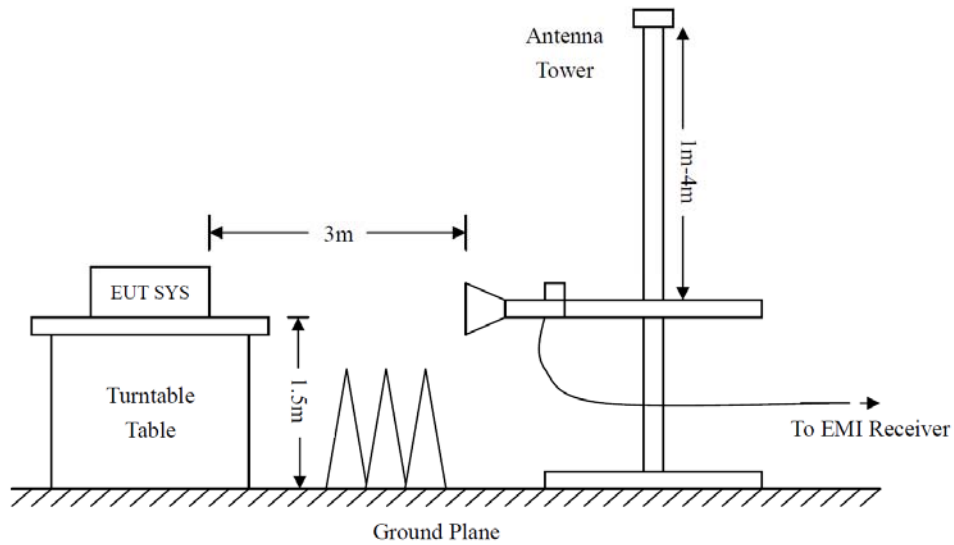
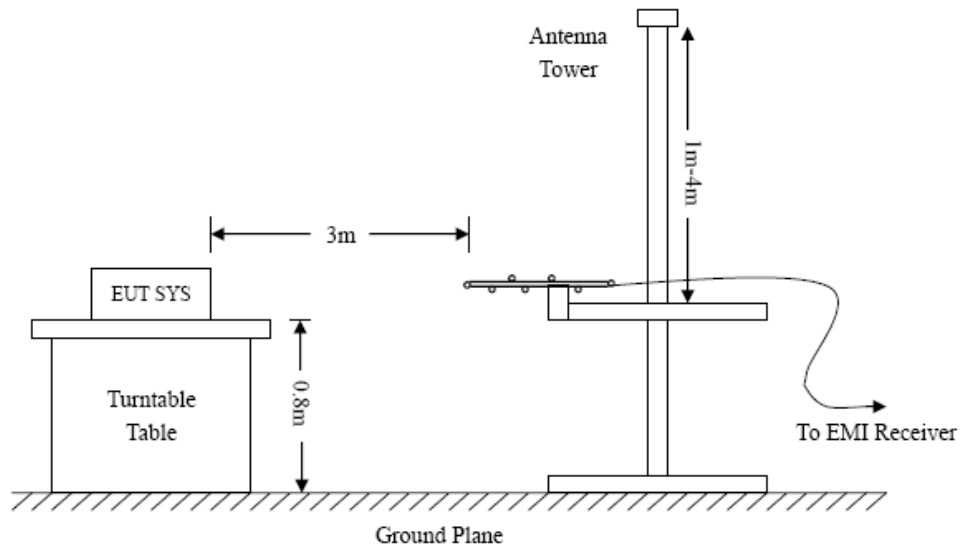
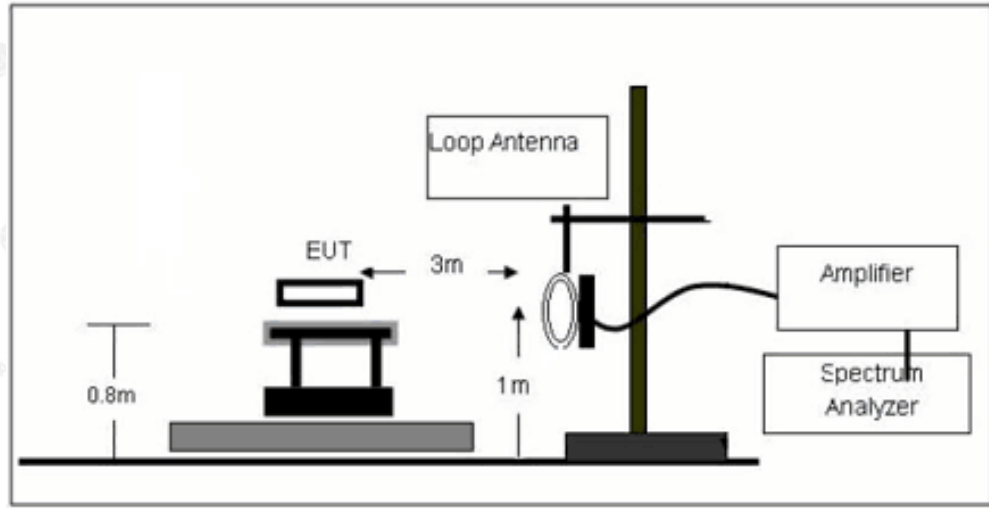
The limits on the field strength of the spurious emissions in the above table are based on the fundamental frequency of the intentional radiator. Spurious emissions shall be attenuated to the average (or, alternatively, CISPR quasi-peak) limits shown in this table or to the general limits shown in §15.209, 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 C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.205 15.231(b) and FCC Part 15.209 Limit.



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### 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 V means the emission is 6dB 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:       | 21℃       |
| Relative Humidity: | 50%       |
| 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.

*Horizontal*

| No. | Frequency | Reading | Corr.       | Result | Limit  | Margin | Deg. | Height | Remark |
|-----|-----------|---------|-------------|--------|--------|--------|------|--------|--------|
|     | MHz       | dBuV/m  | Factor (dB) | dBuV/m | dBuV/m | dB     | (°)  | (cm)   |        |
| 1   | 434.0000  | 66.33   | 12.33       | 78.66  | 100.8  | -22.14 | 177  | 100    | peak   |
|     | 434.0000  | 58.62   | 14.37       | 72.99  | 80.8   | -7.81  | 42   | 300    | Ave    |
| 2   | 868.0000  | 23.52   | 15.82       | 39.34  | 60.8   | -21.46 | 64   | 100    | QP     |

*Vertical*

| No. | Frequency | Reading | Corr.       | Result | Limit  | Margin | Deg. | Height | Remark |
|-----|-----------|---------|-------------|--------|--------|--------|------|--------|--------|
|     | MHz       | dBuV/m  | Factor (dB) | dBuV/m | dBuV/m | dB     | (°)  | (cm)   |        |
| 1   | 434.0000  | 67.15   | 12.23       | 79.38  | 100.8  | -21.42 | 117  | 300    | peak   |
|     | 434.0000  | 58.79   | 15.01       | 73.80  | 80.8   | -7     | 45   | 100    | Ave    |
| 2   | 868.0000  | 24.36   | 16.26       | 40.62  | 60.8   | -20.18 | 36   | 200    | QP     |



## Above 1GHz

## Horizontal

| No. | Frequency | Reading | Corr.       | Result | Limit  | Margin | Deg. | Height | Remark |
|-----|-----------|---------|-------------|--------|--------|--------|------|--------|--------|
|     | MHz       | dBuV/m  | Factor (dB) | dBuV/m | dBuV/m | dB     | (°)  | (cm)   |        |
| 1   | 1302.2    | 23.65   | 25.83       | 49.48  | 74     | -24.52 | 41   | 100    | Peak   |
|     | 1302.2    | 22.39   | 25.76       | 48.15  | 54     | -5.85  | 306  | 100    | Ave    |
| 2   | 1736.3    | 22.47   | 27.25       | 49.72  | 74     | -24.28 | 204  | 100    | Peak   |
|     | 1736.3    | 21.87   | 25.33       | 47.2   | 54     | -6.8   | 87   | 100    | Ave    |

## Vertical

| No. | Frequency | Reading | Corr.       | Result | Limit  | Margin | Deg. | Height | Remark |
|-----|-----------|---------|-------------|--------|--------|--------|------|--------|--------|
|     | MHz       | dBuV/m  | Factor (dB) | dBuV/m | dBuV/m | dB     | (°)  | (cm)   |        |
| 1   | 1302.2    | 28.54   | 25.83       | 54.37  | 74     | -19.63 | 151  | 100    | Peak   |
|     | 1302.2    | 27.99   | 24.65       | 52.64  | 54     | -1.36  | 74   | 100    | Ave    |
| 2   | 1736.3    | 25.16   | 27.25       | 52.41  | 74     | -21.59 | 332  | 100    | Peak   |
|     | 1736.3    | 25.33   | 26.73       | 52.06  | 54     | -1.94  | 51   | 100    | Ave    |

Note: Testing is carried out with frequency rang 30MHz to the tenth harmonics, which above 5<sup>th</sup> Harmonics are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

The fundamental frequency is 434MHz, so the fundamental and spurious emissions radiated limit base on the the operating frequency 434MHz.

## Frequency Range (9 kHz-30MHz)

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

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

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



## 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 900 MHz. Bandwidth is determined at the points 20 dB down from the modulated carrier.

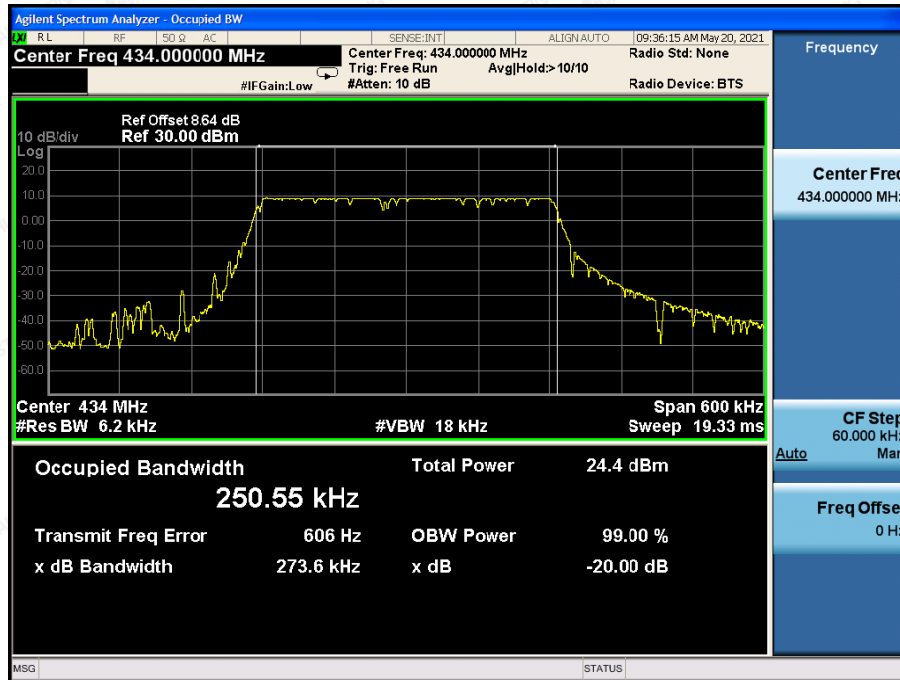
### 5.2. Test Procedure

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:       | 21°C      |
| Relative Humidity: | 52%       |
| ATM Pressure:      | 1011 mbar |

### 5.4. Test Data

| Freq.<br>(MHz) | Modulation Type | Bandwidth (kHz) | Limit<br>(kHz) | Results |
|----------------|-----------------|-----------------|----------------|---------|
| 434            | ASK             | 273.6           | <1082.5        | PASS    |



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## 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 434MHz, 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.

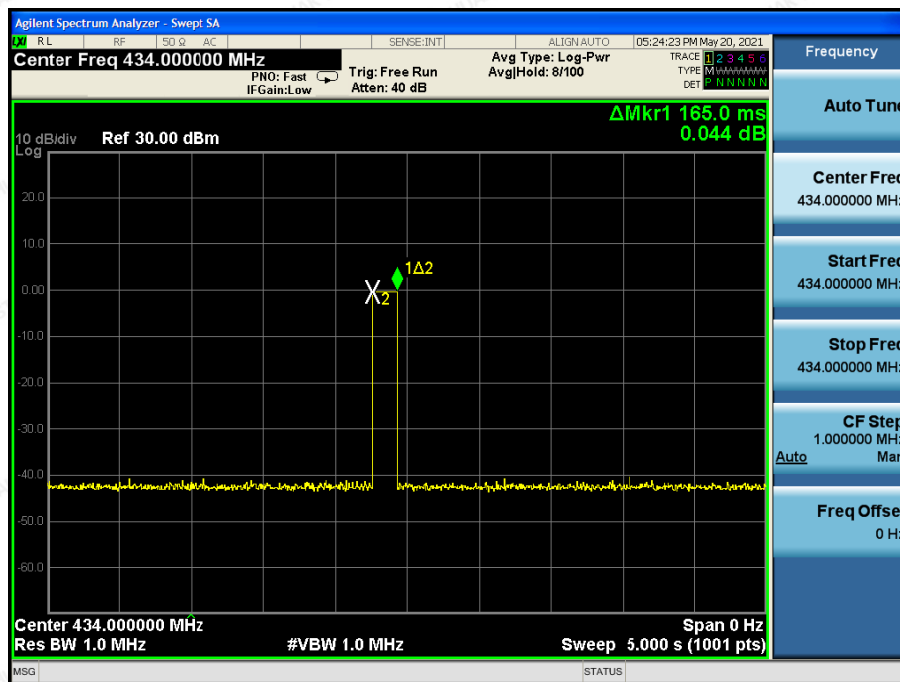
### 6.3. Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 20°C      |
| Relative Humidity: | 52%       |
| ATM Pressure:      | 1011 mbar |

### 6.4. Test Data

| Transmission Type | Test Frequency<br>MHz | Transmission Time<br>seconds | Limit<br>s | Result |
|-------------------|-----------------------|------------------------------|------------|--------|
| Manually          | 434                   | 0.165                        | 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.

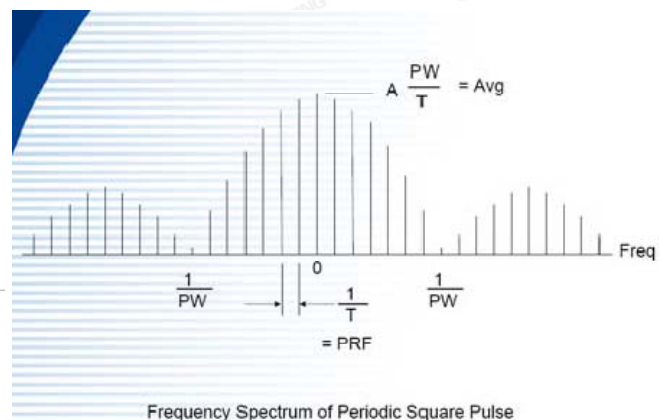
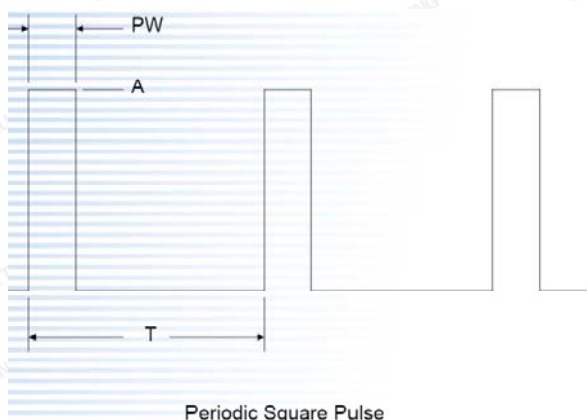
### 7.2. Test Procedure

- 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.

### 7.4. 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, pulsewidth, 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:

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

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

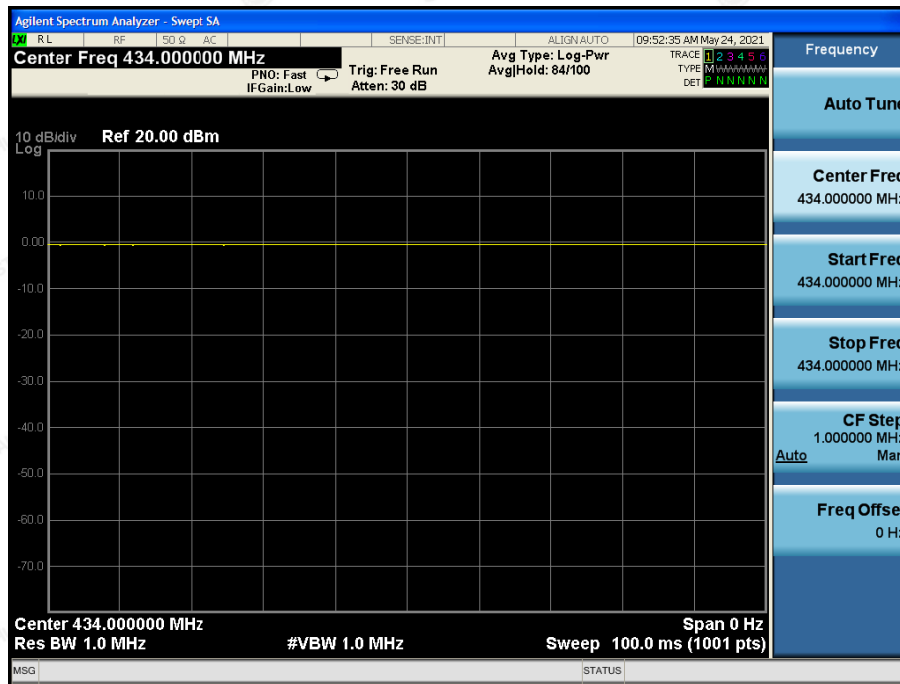
NOTE:  $2 / PW < RBW$ , first don't need

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

## 7.5. Test Data

The Duty Cycle is 100%

*Please refer to the attached test plots*



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## 8. Antenna Connected Construction

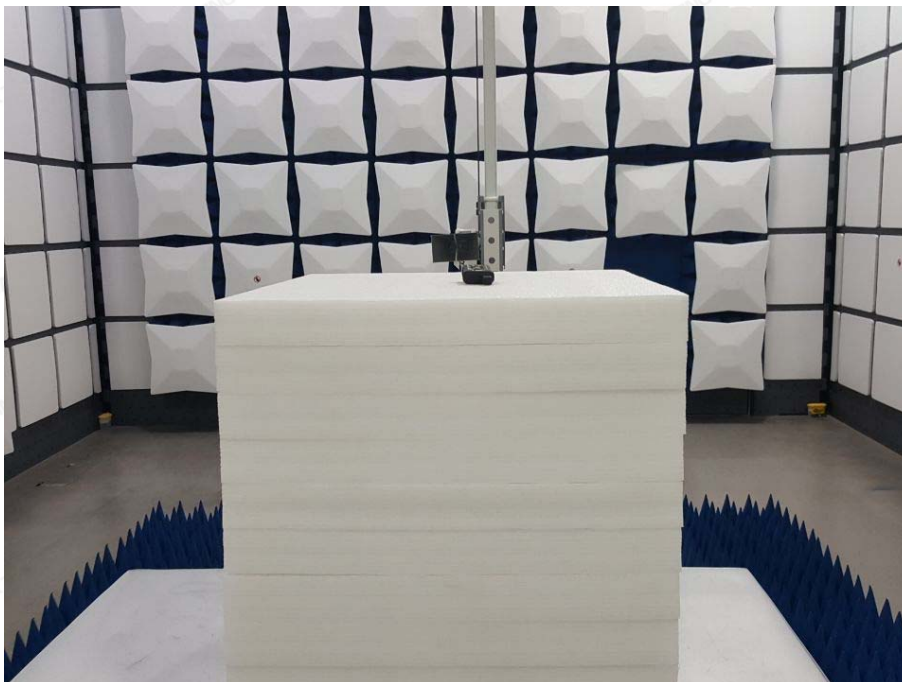
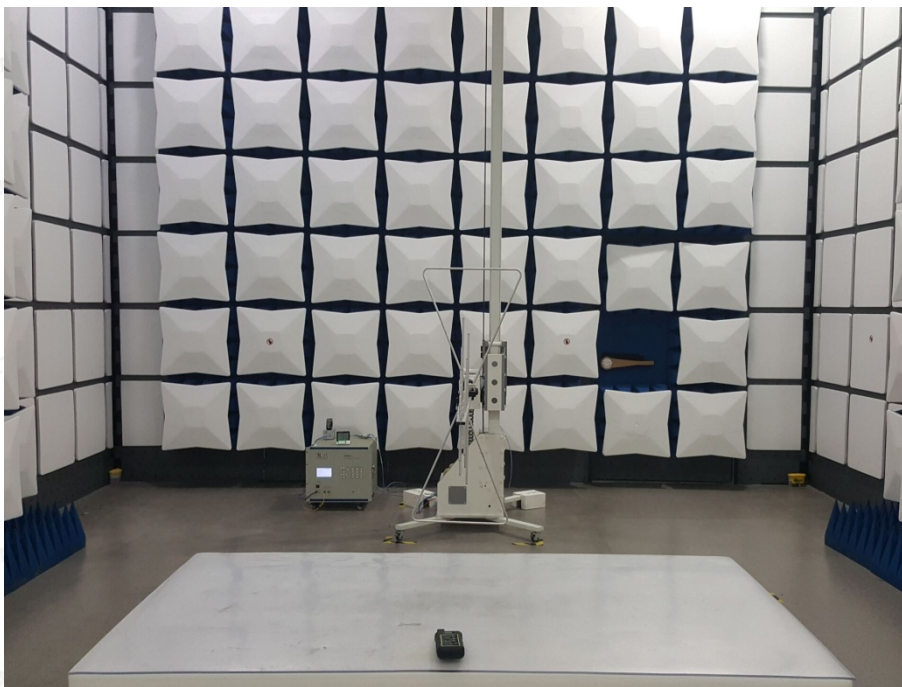
The RF antenna is a Internal Antenna which permanently attached, and the best case gain of the Antenna is 0dBi. It complies with the standard requirement.

ANTENNA





## 9. PHOTOGRAPH OF TEST



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## 10. PHOTOS OF THE EUT

Reference to the reporter : ANNEX A of external photos and ANNEX B of internal photos

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