

### FCC PART 15C TEST REPORT FOR CERTIFICATION On Behalf of

G.Tech Technology Ltd.

2.4GHz Wireless Mouse

Model No.: MA102W-BK

Serial No.: 28036

# FCC ID: OO9MA102W-BK

Prepared for : G.Tech Technology Ltd. No.8, Jinyuan 1st Road, High-Tech Zone, Zhuhai City, Guangdong, China, 519085

Prepared By : Audix Technology (Shenzhen) Co., Ltd. No. 6, Kefeng Road, Science & Technology Park, Nanshan District , Shenzhen, Guangdong, China

Tel: (0755) 26639496

Report Number:ACS-F20170Date of Test:Aug.10~Sep.26,2020Date of Report:Sep.27,2020



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### AUDIX Technology (Shenzhen) Co., Ltd.

# **TEST REPORT CERTIFICATION**

| Applicant | SY.   | G.Tech Technolog | gy Ltd. |
|-----------|-------|------------------|---------|
| Product   | ( : , | 2.4GHz Wireless  | Mouse   |
| FCC ID    |       | OO9MA102W-B      | к       |
|           |       | (A)Model No.     | : MA1   |

(A)Model No. : MA102W-BK
(B) Serial No. : 28036
(C) Power Supply : DC 1.5V
(D) Test Voltage : DC 1.5V

Tested for comply with: FCC CFR 47 Part 15 Subpart C

Test procedure used: ANSI C63.10:2013

The device described above is tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to confirm comply with all the FCC Part 15 Subpart C requirements.

The test results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests. This report contains data that are not covered by the NVLAP accreditation. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This Report is made under FCC Part 2.1075. No modifications were required during testing to bring this product into compliance.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

| Date of Test : | Aug.10~Sep.26,2020      | Report of date:                               | Sep.27,2020               |  |
|----------------|-------------------------|---|---------------------------|--|
|                |                         |   |                           |  |
| Prepared by :  | Brave Zhang / Assistant | Reviewed by :                                 | Sunny Lu / Deputy Manager |  |
|                | UIN C                   | ③ 信華科技 (深圳)<br>Audix Technolog<br>EMC 部 門 報 省 | y (Shenzhen) Co., Ltd.    |  |
|                |                         | Stamp only for EMC                            | Dept. Report              |  |
| Approved & Aut | horized Signer :        | Signature: Dowid                              | Din                       |  |
|                |                         | David Jin / Deputy                            | General Manager           |  |



# 1. SUMMARY OF STANDARDS AND RESULTS

# 1.1.Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

| EMISSION                           |  |         |  |  |
|------------------------------------|--|---------|--|--|
| Description of Test Item           | Standard   | Results |  |  |
| Power Line Conducted Emission Test | FCC Part 15C: 15.207<br>ANSI C63.10-2013                         | PASS    |  |  |
| Radiated Emission Test             | FCC Part 15C: 15.209<br>FCC Part 15C: 15.249<br>ANSI C63.10-2013 | PASS    |  |  |
| Band Edge Compliance Test          | FCC Part 15: 15.249<br>ANSI C63.10-2013                          | PASS    |  |  |
| 20dB Bandwidth Test                | FCC Part 15: 15.215<br>ANSI C63.10-2013                          | PASS    |  |  |



# 2. GENERAL INFORMATION

# 2.1.Description of Equipment Under Test

| Applicant            | G.Tech Technology Ltd.   |
|----------------------|--|
| Applicant Address    | No.8, Jinyuan 1st Road, High-Tech Zone, Zhuhai City, Guangdong,<br>China, 519085 |
| Manufacturer         | G.Tech Technology Ltd.   |
| Manufacturer Address | No.8, Jinyuan 1st Road, High-Tech Zone, Zhuhai City, Guangdong,<br>China, 519085 |
| Factory              | G.Tech Technology Ltd.   |
| Factory Address      | No.8, Jinyuan 1st Road, High-Tech Zone, Zhuhai City, Guangdong,<br>China, 519085 |
| Product              | 2.4GHz Wireless Mouse  |
| Model No.            | MA102W-BK  |
| Serial No.           | 28036  |
| FCC ID               | OO9MA102W-BK   |
| Radio                | General 2.4GHz wireless  |
| Operation frequency  | 2403MHz-2479MHz  |
| Modulation           | GFSK   |
| Antenna Information  | PCB Antenna, Peak Gain: 1dBi   |
| Sample Type          | Prototype production   |
| Date of Receipt      | Aug.04,2020  |
| Date of Test         | Aug.10~Sep.26,2020   |



# 2.2.Channel list of EUT

|              |           |              | 1         |
|--------------|-----------|--------------|-----------|
| Channel list | Frequency | Channel list | Frequency |
| 1            | 2403MHz   | 9            | 2441MHz   |
| 2            | 2407MHz   | 10           | 2445MHz   |
| 3            | 2414MHz   | 11           | 2453MHz   |
| 4            | 2419MHz   | 12           | 2459MHz   |
| 5            | 2422MHz   | 13           | 2463MHz   |
| 6            | 2426MHz   | 14           | 2466MHz   |
| 7            | 2436MHz   | 15           | 2473MHz   |
| 8            | 2439MHz   | 16           | 2479MHz   |

# 2.3.EUT Configuration and operation conditions for test

|--|

(EUT: 2.4GHz Wireless Mouse)



# 2.4. Test Facility

| Site Description    |   |   |
|---------------------|---|---|
| Name of Firm        | : | Audix Technology (Shenzhen) Co., Ltd.<br>No. 6, Kefeng Road, Science & Technology Park,<br>Nanshan District, Shenzhen, Guangdong, China |
| RF Anechoic Chamber | : | Dimensions are:   |
|                     |   | [L]10m × [W]5.5m × [H]5m  |
| EMC Lab.            | : | Accredited by DAkkS, Germany  |
|                     |   | Registration No: D-PL-12151-01-00   |
|                     |   | Valid Date: Dec.07, 2021  |
|                     | : | Accredited by NVLAP, USA  |
|                     |   | NVLAP Code: 200372-0  |
|                     |   | Valid Date: Mar.31, 2021  |
|                     |   | Certificated by FCC, USA  |
|                     |   | Designation No: CN5022  |
|                     |   | Valid Date: Mar.31, 2021  |

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

| Test Item  | Uncertainty                       |
|--|-----------------------------------|
|  | 3.6dB(30~200MHz, Polarization: H) |
| Uncertainty for Radiation Emission test              | 4.0dB(30~200MHz, Polarization: V) |
| in 3m chamber  | 3.6dB(200M~1GHz, Polarization: H) |
|  | 3.8dB(200M~1GHz, Polarization: V) |
| Uncertainty for Radiation Emission test in           | 4.6dB (1~6GHz, Distance: 3m)      |
| 3m chamber (1GHz-18GHz)                              | 4.6dB (6~18GHz, Distance: 3m)     |
| Uncertainty for Radiated Spurious                    | 3.7dB(30-1000MHz)                 |
| Emission test in RF chamber                          | 3.3dB(1-26.5GHz)                  |
| Uncertainty for Conduction Spurious<br>emission test | 2.0dB                             |
| Uncertainty for Output power test                    | 0.8dB                             |
| Uncertainty for Bandwidth test                       | 83kHz                             |
| Uncertainty for DC power test                        | 0.1%                              |
| Uncertainty for test site temperature and            | 0.6°C                             |
| humidity   | 3%                                |

Note: EMI uncertainty is evaluated by CISPR16-4-2.

The value of measurement uncertainty of EMI is less than  $U_{\text{CISPR}}$ . The value is not calculated in the test results.



# **3. POWER LINE CONDUCTED EMISSION TEST**

According to Paragraph (c) of FCC Part 15 section 15.207, Tests to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines.



# 4. RADIATED EMISSION TEST

# 4.1.Test Equipment

### 4.1.1.For frequency range 30 MHz ~1000MHz (In 3m Anechoic Chamber)

| Item  | Equipment                       | Manufacturer    | Model No.   | Serial No.      | Last Cal. | Cal.<br>Interval |  |
|-------|---------------------------------|-----------------|-------------|-----------------|-----------|------------------|--|
|       |                                 |                 |             |                 |           | Interval         |  |
| 1.    | 3#Chamber(NSA)                  | AUDIX           | N/A         | N/A             | May.03,20 | 1 Year           |  |
| 2.    | 3#Chamber(SE)                   | AUDIX           | N/A         | N/A             | May.17,18 | 3 Year           |  |
| 3.    | Signal Analyzer                 | Rohde & Schwarz | FSV30       | 104050          | Apr.11,20 | 1 Year           |  |
| 4.    | EMI Test Receiver               | Rohde & Schwarz | ESR7        | 101547          | Apr.12,20 | 1 Year           |  |
| 5.    | Amplifier                       | HP              | 8447D       | 2648A04738      | Apr.11,20 | 1 Year           |  |
| 6.    | Bi log Antenna                  | TESEQ           | CBL6112D    | 25237           | Nov.26,19 | 1 Year           |  |
| 7.    | NSA Cable                       | HUBER+SUHNER    | CFD400NL-LW | No.3            | Oct.13,19 | 1 Year           |  |
| 8.    | Coaxial Switch                  | Anritsu         | MP59B       | 6201397222      | Apr.11,20 | 1 Year           |  |
| 9.    | Test Software                   | AUDIX           | e3          | 6.2009-5-21a(n) | N/A       | N/A              |  |
| Note: | Note: N/A means Not applicable. |                 |             |                 |           |                  |  |

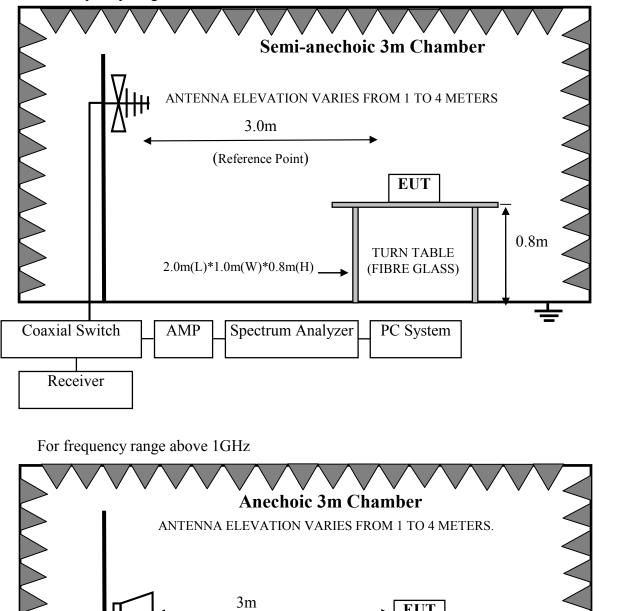
### 4.1.2.For frequency range above 1GHz (In 3m Anechoic Chamber)

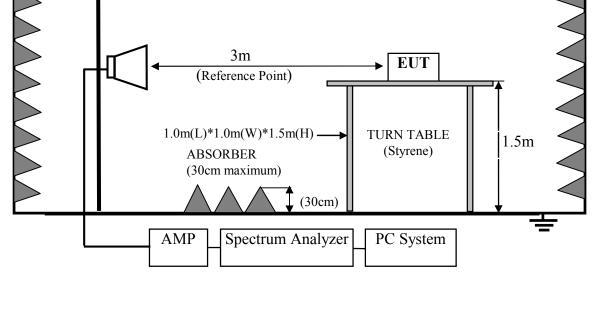
| Item  | Equipment                       | Manufacturer    | Model No.    | Serial No.      | Last Cal. | Cal.<br>Interval |  |
|-------|---------------------------------|-----------------|--------------|-----------------|-----------|------------------|--|
| 1.    | 3#Chamber(Svswr)                | AUDIX           | N/A          | N/A             | Apr.15,20 | 1 Year           |  |
| 2.    | 3#Chamber(SE)                   | AUDIX           | N/A          | N/A             | May.17,18 | 3 Year           |  |
| 3.    | Signal Analyzer                 | Rohde & Schwarz | FSV30        | 104050          | Apr.11,20 | 1 Year           |  |
| 4.    | PXA Signal Analyzer             | Agilent         | N9030A       | MY53311015      | Oct.12,19 | 1 Year           |  |
| 5.    | Horn Antenna                    | ETC             | MCTD 1209    | DRH15F03006     | Jul.30,20 | 1 Year           |  |
| 6.    | Amplifier                       | Agilent         | 83017A       | MY53270084      | Oct.13,19 | 1 Year           |  |
| 7.    | RF Cable                        | Hubersuhner     | SUCOFLEX-106 | 505238/6        | Apr.11,20 | 1 Year           |  |
| 8.    | Test Software                   | AUDIX           | e3           | 6.2009-5-21a(n) | N/A       | N/A              |  |
| Note: | Note: N/A means Not applicable. |                 |              |                 |           |                  |  |



4.2. Block Diagram of Test Setup

For frequency range 30MHz-1000MHz







| FREQUENCY  | DISTANCE | FIELD STREN                                    | IGTHS LIMIT                 |
|--|----------|--|-----------------------------|
| MHz  | Meters   | $\mu V/m$                                      | $dB(\mu V)/m$               |
| 30 ~ 88  | 3        | 100  | 40.0                        |
| 88 ~ 216   | 3        | 150  | 43.5                        |
| 216 ~ 960  | 3        | 200  | 46.0                        |
| 960 ~ 1000   | 3        | 500  | 54.0                        |
| Above 1000MHz  | 3        | $74.0 \text{ dB}(\mu\text{V})/\text{m}$ (Peak) |                             |
|  |          | 54.0 dB(µV)                                    | /m (Average)                |
| Field Strength of<br>fundamental emissions for<br>2.4GHz-2.4835GHz | 3        | 114.0 dB(μ)<br>94.0 dB(μV)                     | V)/m (Peak)<br>/m (Average) |

# 4.3. Radiated Emission Limit Standard: FCC 15.209 and 15.249

Remark : (1) Emission level  $dB\mu V = 20 \log Emission level \mu V/m$ 

- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) Distance is the distance in meters between the measuring instruments, antenna and the closest point of any part of the device or system.
- (4) The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

## 4.4. EUT Configuration on Test

The following equipment are installed on Radiated Emission Test to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

## 4.5. Operating Condition of EUT

4.5.1.Setup the EUT and simulator as shown as Section 4.2.

4.5.2. Turn on the power of all equipments.

4.5.3.Let EUT work in Tx mode.

### 4.6. Test Procedure

### Frequency below 30MHz:

The EUT setup on the turn table which has 0.8 m height to the ground. The turn table rotated 360 degrees and antenna fixed to 1 m to find the maximum emission level. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10-2013 regulation.



EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground for frequency 30MHz~1000MHz, 1.5 meter high above ground for frequency above 1GHz and put the absorbing with 2.4m(L)\*2.4m(W)\*0.3m(H) on the ground . The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it working in test mode, then test it.EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna for frequency 30MHz~1000MHz, and the Horm antenna is used as receiving antenna for frequency above 1GHz. Both horizontal and vertical polarization of the antenna is set on Test. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.10-2013 on radiated emission Test.

During the pretest the EUT was rotated through three orthogonal axes to determine the attitude that maximizes the emissions.

After that the EUT was manually handled to find the orientation that has the maximum emission, which is the orientation show in the test setup photos.

The bandwidth of the EMI test receiver (R&S ESR7) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's RBW is set at 1MHz and VBW is set at 3MHz for peak emissions measurement above 1GHz

This device is pulse modulated, a duty cycle factor was used to calculate average level based measured peak level.

The frequency range from 30MHz to 10th harmonic (25GHz) is checked. And no any emissions were found from 18GHz to 25 GHz, So the radiated emissions from 18GHz to 25GHz were not record.

### 4.7. Radiated Emission Test Results

#### PASS.

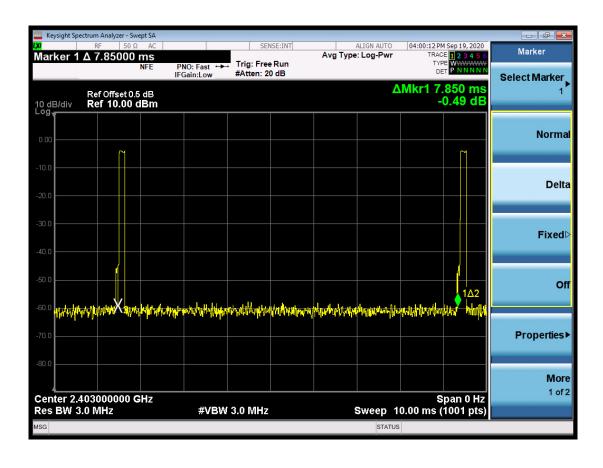
All the emissions from 30MHz to 25GHz were comply with the 15.209 Limit.

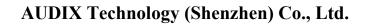
Note 1: The duty cycle factor for calculate average level is -33.979dB, and average limit is 20dB below peak limit, so if peak measured level comply with average limit, the average level was deemed to comply with average limit.

Note 2: The emissions (9kHz~30MHz) not reported for there is no emission be found.

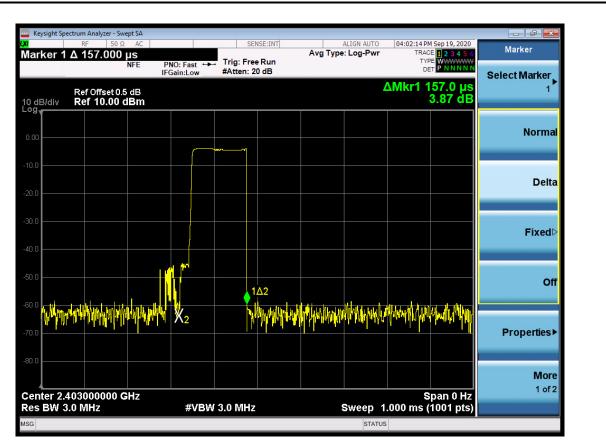


#### Duty cycle factor = $20\log (1/duty cycle) = -33.979dB$ Keysight Spectrum Analyzer F 03:57:25 PM Sep 19, 2020 TRACE 1 2 3 4 5 6 TYPE WWWWW DET P N N N N Amplitude Avg Type: Log-Pwr Ref Level 10.00 dBm Trig: Free Run #Atten: 20 dB NFE PNO: Fast IFGain:Low **Ref Level** 10.00 dBm Ref Offset 0.5 dB Ref 10.00 dBm 10 dB/div Attenuation [20 dB] Scale/Div 10 dB Scale Type Log Lin **Presel Center** persented all the polarization of the second of the product of the product of the person of the device of the second of the seco L KAL **Presel Adjust** 0 Hz More 1 of 2 Center 2.403000000 GHz Res BW 3.0 MHz Span 0 Hz Sweep 100.0 ms (1001 pts) #VBW 3.0 MHz STATUS











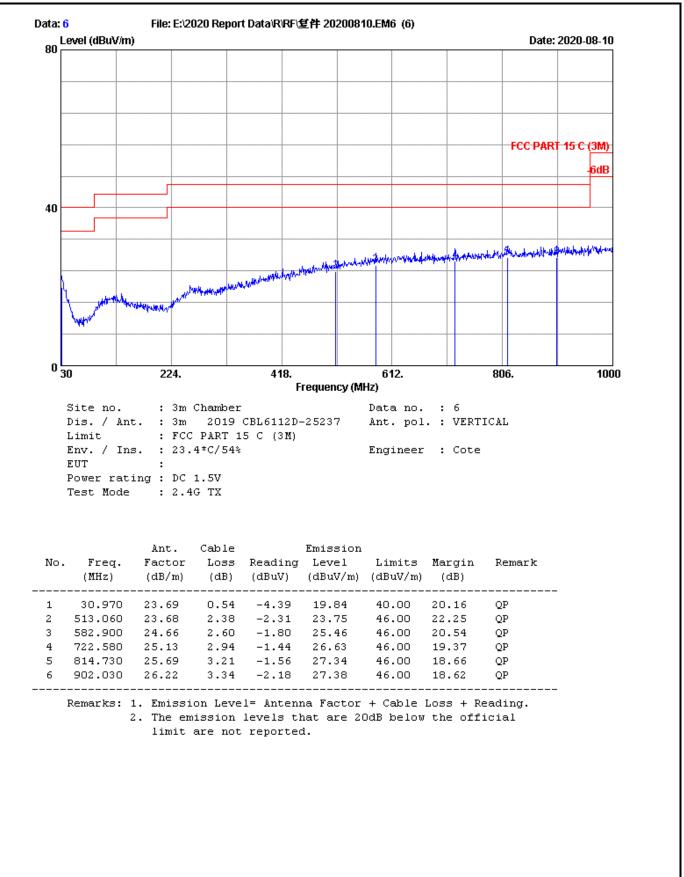
Frequency: 30MHz~1GHz Data: 5 File: E:\2020 Report Data\R\RF\复件 20200810.EM6 (6) Level (dBuV/m) Date: 2020-08-10 FCC PART 15 C (3M) 6dB 40 and photom of hatter the form of the second of the while the the second And more strated and part of the one And to be 0 <u>50</u> 224. 1000 418. 612. 806. Frequency (MHz) : 3m Chamber Data no. : 5 Site no. Dis. / Ant. : 3m 2019 CBL6112D-25237 Ant. pol. : HORIZONTAL Limit : FCC PART 15 C (3M) Env. / Ins. : 23.4\*C/54% Engineer : Cote EUT Power rating : DC 1.5V Test Mode : 2.4G TX Ant. Cable Emission

| No. | Freq.<br>(MHz) | Factor<br>(dB/m) | Loss<br>(dB) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|----------------|------------------|--------------|-------------------|-------------------|--------------------|----------------|--------|
| 1   | 30.000         | 24.20            | 0.53         | -3.48             | 21.25             | 40.00              | 18.75          | QP     |
| 2   | 461.650        | 22.65            | 2.23         | -2.58             | 22.30             | 46.00              | 23.70          | QP     |
| 3   | 535.370        | 23.99            | 2.45         | -2.57             | 23.87             | 46.00              | 22.13          | QP     |
| 4   | 647.890        | 24.95            | 2.76         | -1.85             | 25.86             | 46.00              | 20.14          | QP     |
| 5   | 740.040        | 25.24            | 3.00         | -2.67             | 25.57             | 46.00              | 20.43          | QP     |
| 6   | 862.260        | 25.97            | 3.28         | -1.68             | 27.57             | 46.00              | 18.43          | QP     |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading. 2. The emission levels that are 20dB below the official

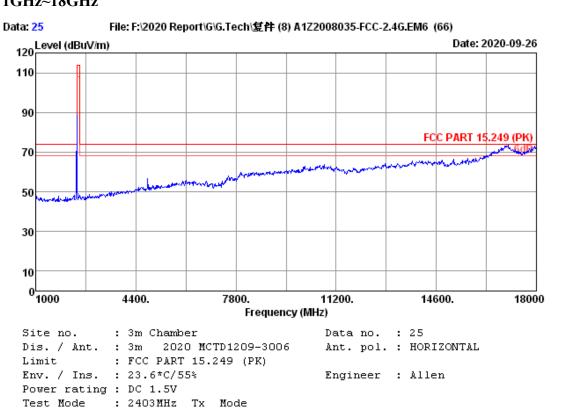
limit are not reported.



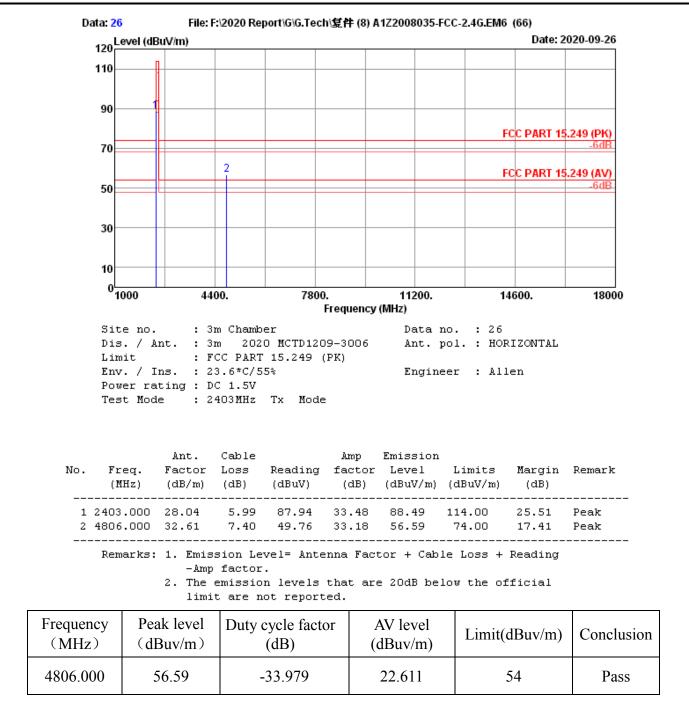




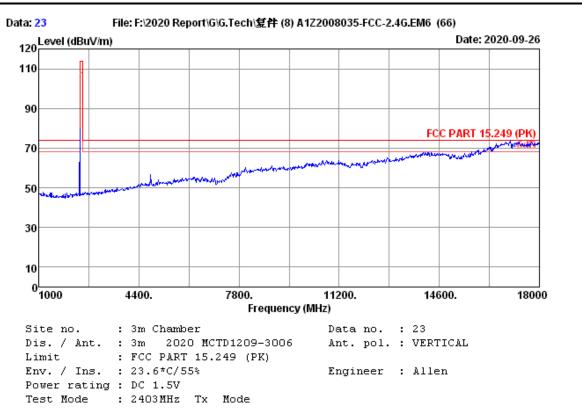
Frequency: 1GHz~18GHz



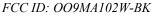


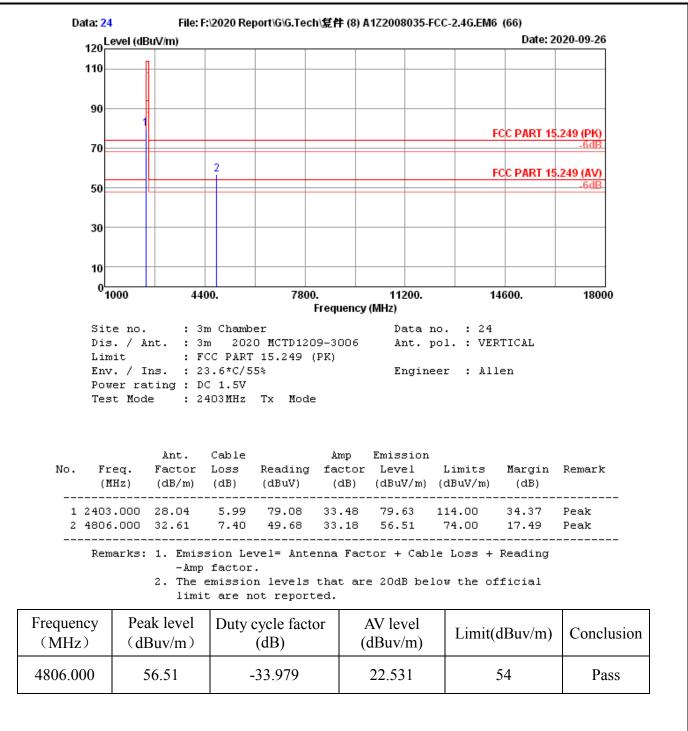




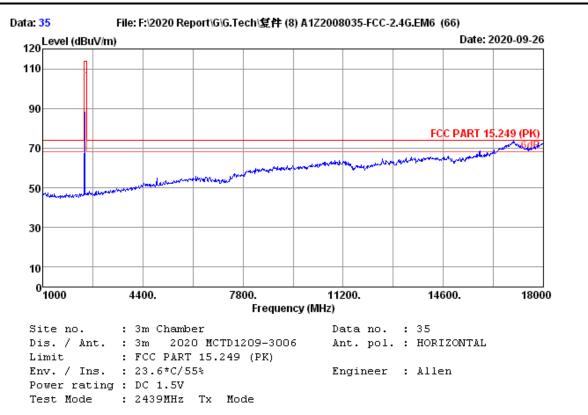




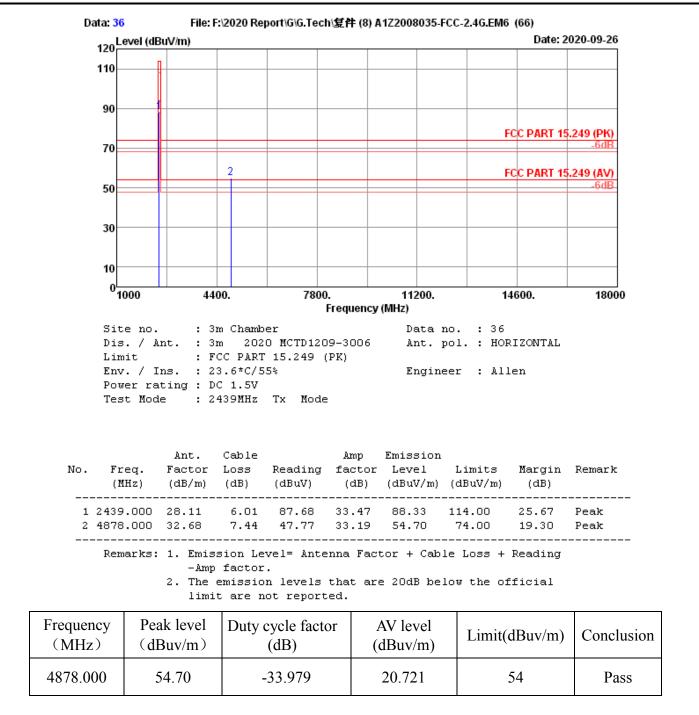




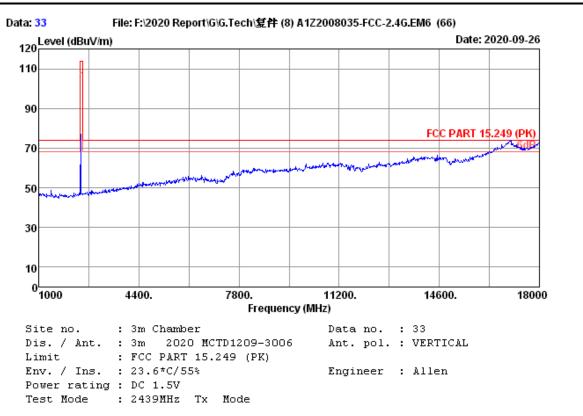




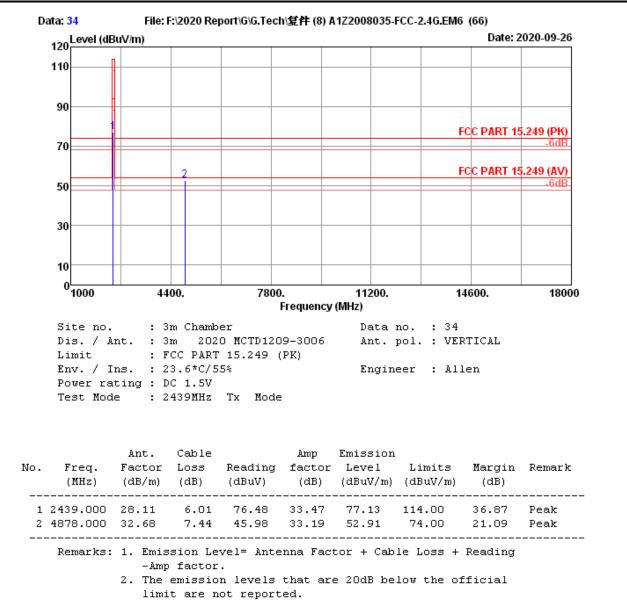




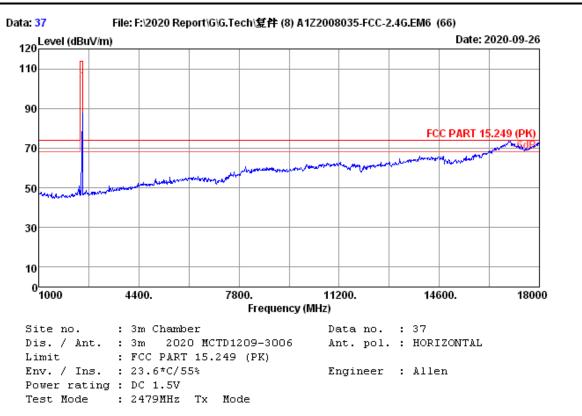




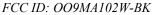


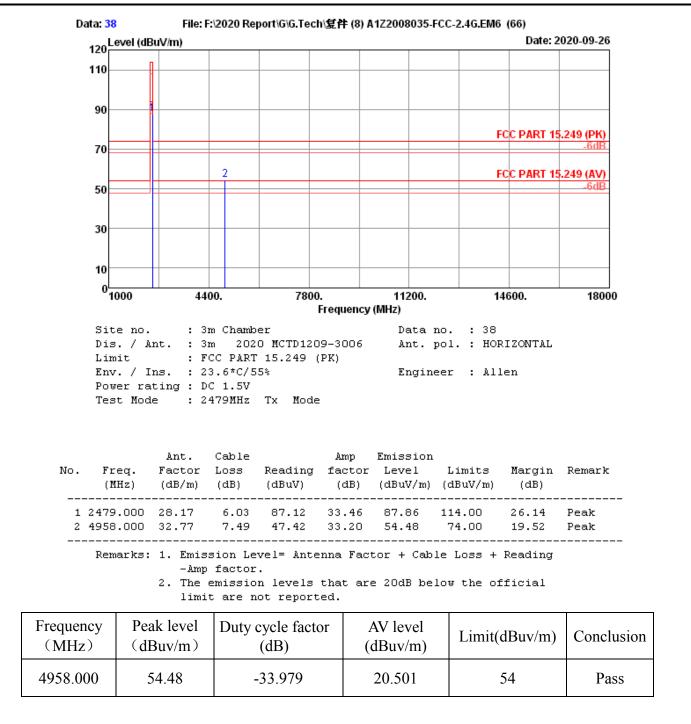




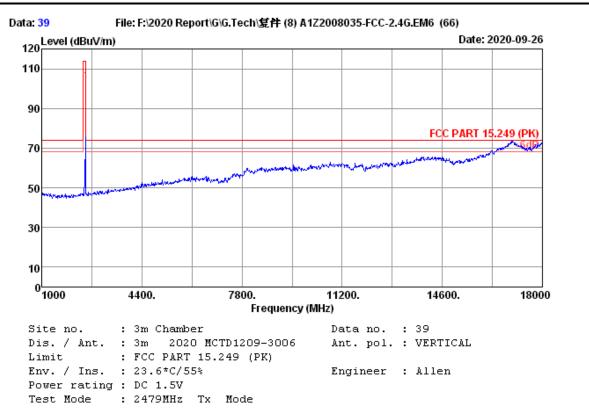




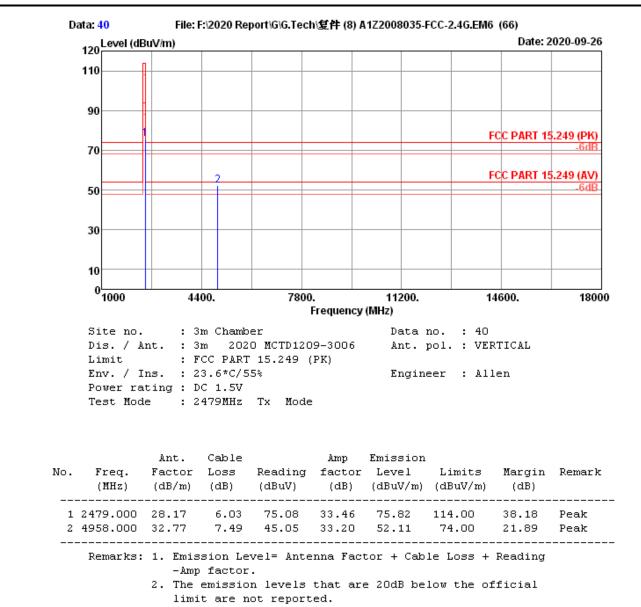














# 5. 20 DB BANDWIDTH TEST

# 5.1. Test Equipment

| Item | Equipment           | Manufacturer | Model No.             | Serial No. | Last Cal. | Cal.<br>Interval |
|------|---------------------|--------------|-----------------------|------------|-----------|------------------|
| 1.   | PXA Signal Analyzer | Agilent      | N9030A                | MY51380221 | Apr.12,20 | 1 Year           |
| 2.   | Attenuator          | Agilent      | 8491B                 | MY39269201 | Oct.13,19 | 1 Year           |
| 3.   | RF Cable            | EMCI         | EMC102-K<br>M-KM 3500 | 170702     | Apr.12,20 | 1 Year           |

# 5.2. Limit

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

## 5.3. Test Results

| EUT: 2.4GHz Wireless Mouse |                         |                         |  |  |  |
|----------------------------|-------------------------|-------------------------|--|--|--|
| M/N: MA102W-BK             |                         |                         |  |  |  |
| Test date: 2020-08-11      | Pressure: 102.1±1.0 kpa | Humidity: 51.1±3.0%     |  |  |  |
| Tested by: Allen           | Test site: RF site      | Temperature:22.8±0.6 °C |  |  |  |

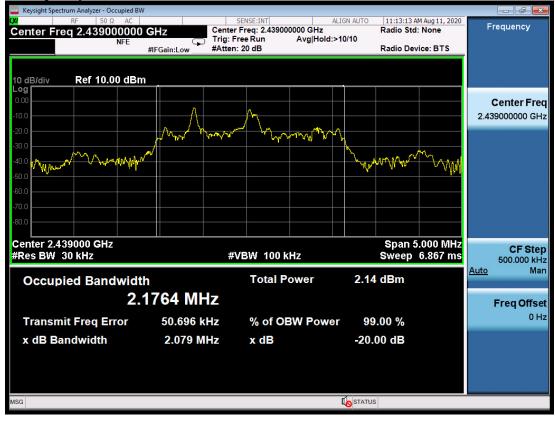
| Test Mode         | Frequency<br>(MHz) | -20dB bandwidth<br>(MHz) | Limit<br>(KHz) |  |  |
|-------------------|--------------------|--------------------------|----------------|--|--|
|                   | 2403               | 2.117                    | N/A            |  |  |
| GFSK              | 2439               | 2.079                    | N/A            |  |  |
|                   | 2479               | 2.126                    | N/A            |  |  |
| Conclusion : PASS |                    |                          |                |  |  |



#### Test Frequency: 2403MHz



#### Test Frequency: 2439MHz





#### Test Frequency: 2479MHz





# 6. BAND EDGE COMPLIANCE TEST

| Item | Equipment           | Manufacturer | Model No.             | Serial No.  | Last Cal. | Cal.<br>Interval |
|------|---------------------|--------------|-----------------------|-------------|-----------|------------------|
| 1.   | PXA Signal Analyzer | Agilent      | N9030A                | MY51380221  | Apr.12,20 | 1 Year           |
| 2.   | Amplifier           | Agilent      | 8449B                 | 3008A02495  | Apr.11,20 | 1 Year           |
| 3.   | Horn Antenna        | ETC          | MCTD 1209             | DRH15F03006 | Jul.30,20 | 1 Year           |
| 4.   | RF Cable            | EMCI         | EMC102-KM-K<br>M 3500 | 170702      | Apr.12,20 | 1 Year           |

# 6.1. Test Equipment

# 6.2. Limit

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 50dB below the fundamental emissions, or comply with 15.209 limits.

## 6.3. Test Produce

- 1. The EUT is placed on a turntable, which is 1.5m above the ground plane and worked at highest radiated power.
- 2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
- 3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
- 4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
  - (a) PEAK: RBW=1MHz ; VBW=3MHz, PK detector, Sweep=AUTO
  - (b)This device is pulse modulated, a duty cycle factor was used to calculate average level based measured peak level

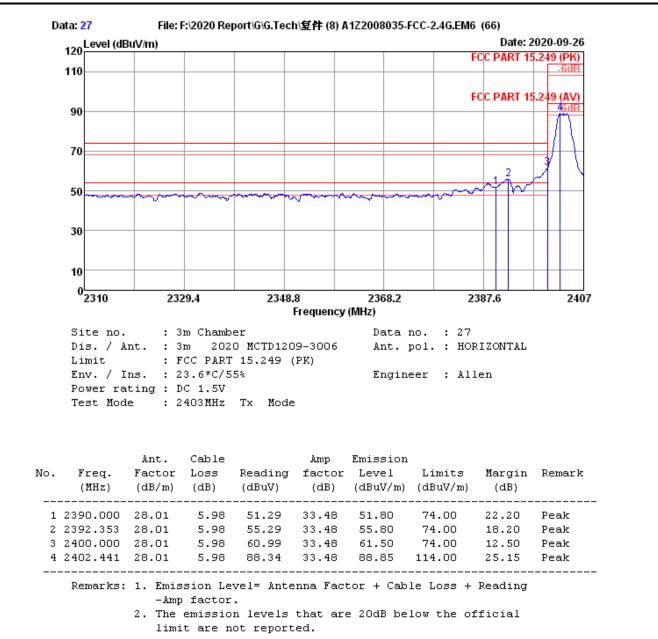
### 6.4. Test Results

Pass (The testing data was attached in the next pages.)

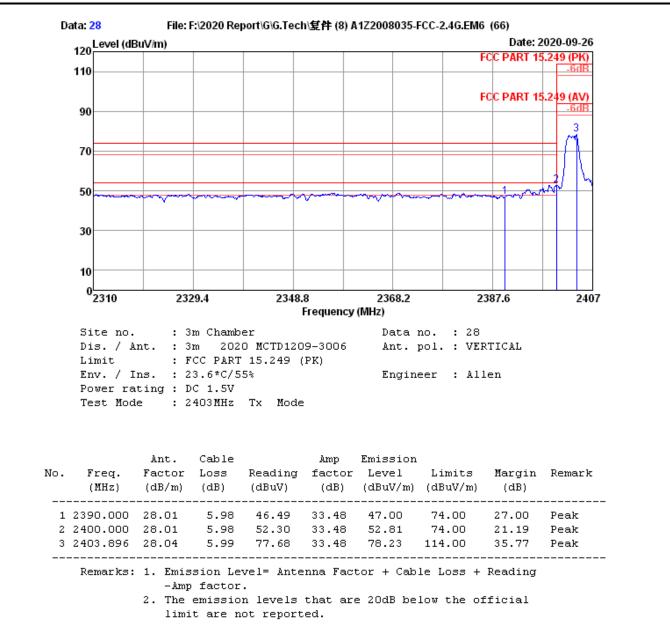
Note: If the PK measured levels comply with average limit, then the average level were deemed to comply with average limit.

Note: The duty cycle factor for calculate average level is -33.979dB, and average limit is 50dB below peak limit, so if peak measured level comply with average limit, the average level was deemed to comply with average limit.

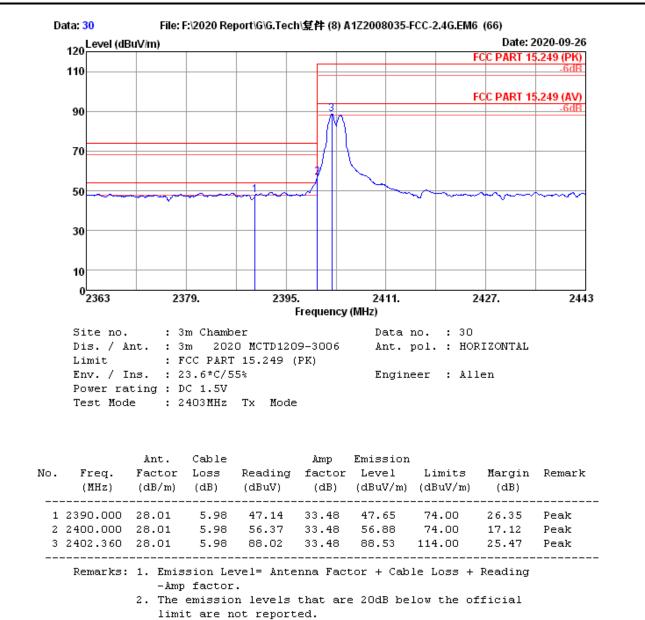






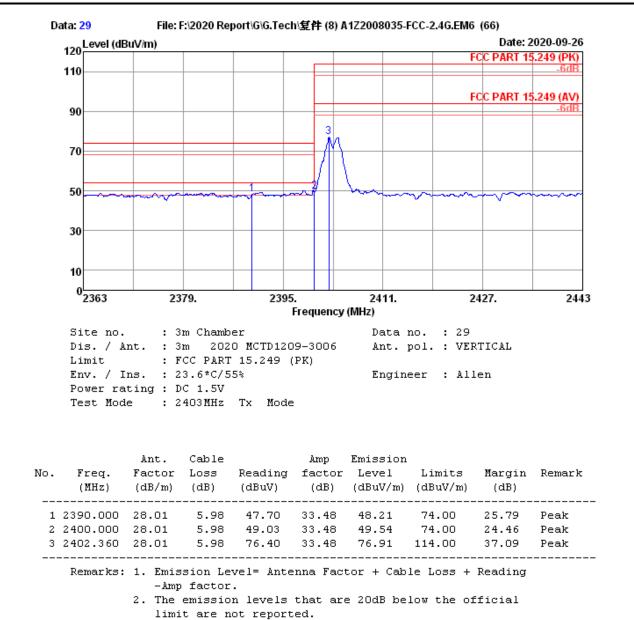




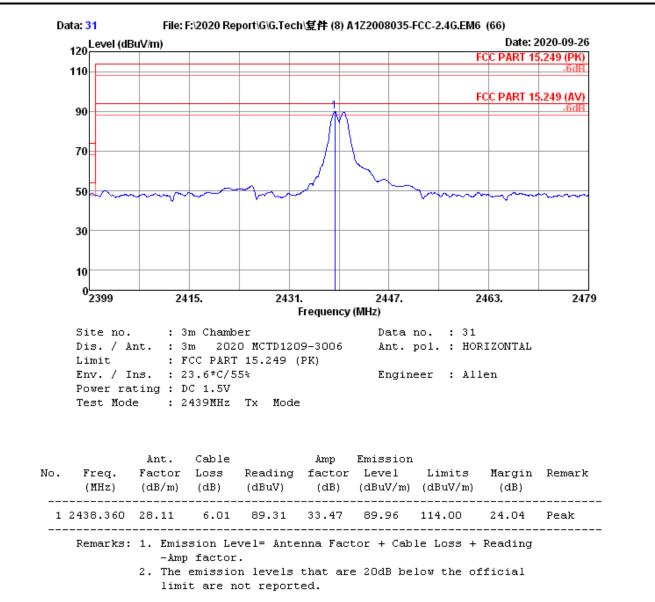


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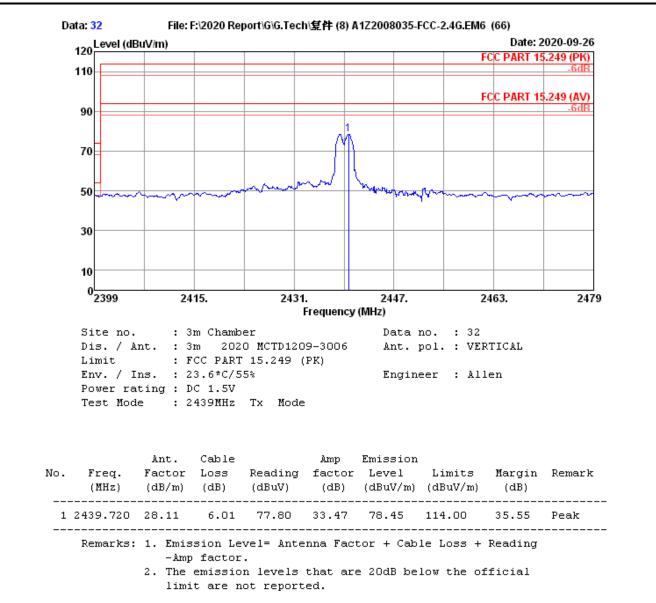




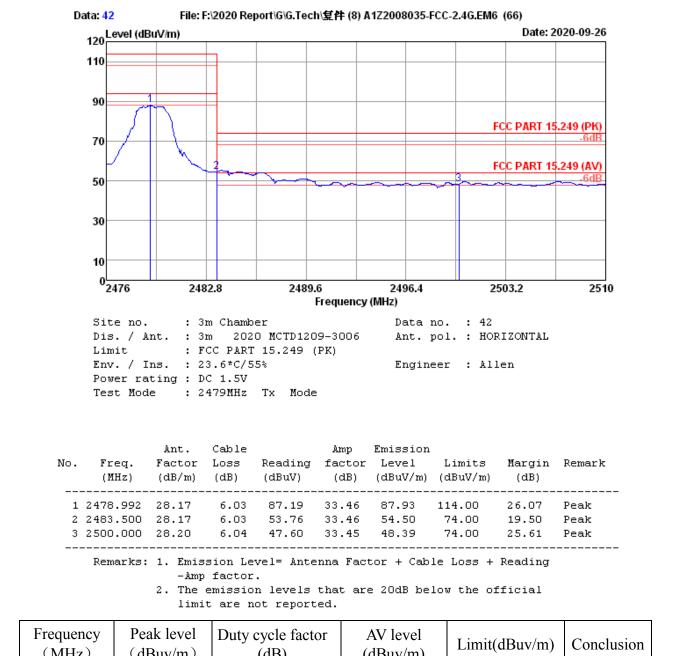






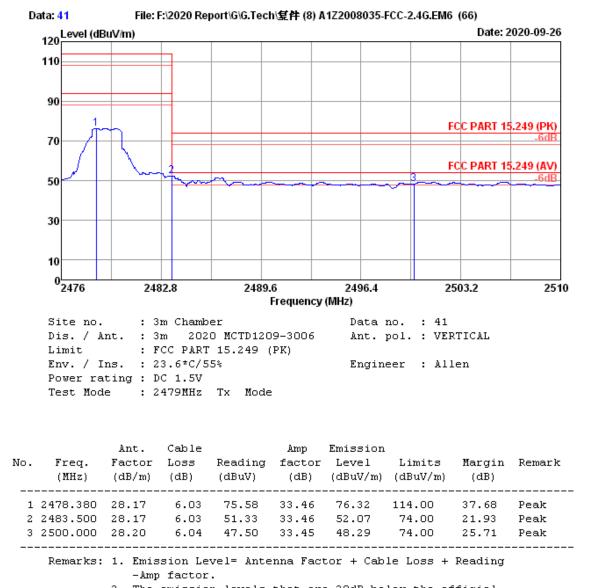






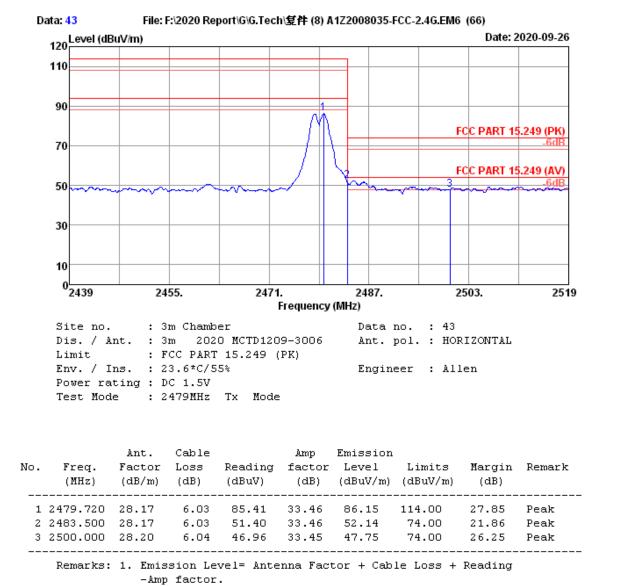
| Frequency<br>(MHz) | Peak levelDuty cycle factor(dBuv/m)(dB) |         | AV level<br>(dBuv/m) | Limit(dBuv/m) | Conclusion |
|--------------------|---|---------|----------------------|---------------|------------|
| 2483.500           | 54.50                                   | -33.979 | 20.521               | 54            | Pass       |





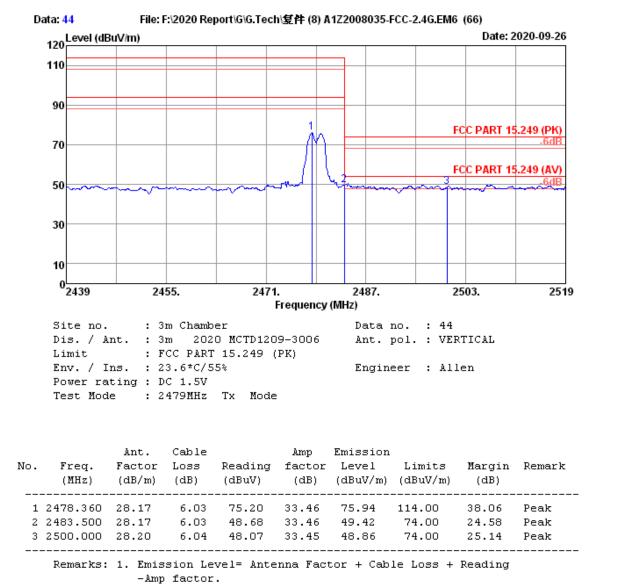
2. The emission levels that are 20dB below the official limit are not reported.





2. The emission levels that are 20dB below the official limit are not reported.





2. The emission levels that are 20dB below the official limit are not reported.



# 7. ANTENNA REQUIREMENT

| RESULT        | : | PASS  |
|---------------|---|---|
| Test Date     | : | Aug.11,2020   |
| Test standard | : | FCC Part 15.203   |
| Limit         | : | An intentional radiator shall be designed to ensure that no antenna other than<br>that furnished by the responsible party shall be used with the device |

According to the manufacturer declared, the EUT has an Integrated PCB Antenna, the directional gain of antenna is 1dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply the provision.



# 8. DEVIATION TO TEST SPECIFICATIONS

[NONE]