

# TEST REPORT

**Product Name** : RC TRANSFRMR CAR F26 PPK  
**Model Number** : ET-0970-BLUE  
**FCC ID** : 2ADM5-ET-0970-27

**Prepared for** : Zeeva Int Ltd  
**Address** : 1007B-8, 1012 & 15, 10th Fl, Exchange Tower, 33 Wang Chiu Road, Kowloon Bay, Hong Kong

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**Report Number** : EDG2606010120E00101R  
**Date of sample receipt** : June 01, 2026  
**Date(s) of Tests** : June 01, 2026 to June 14, 2026  
**Date of issue** : June 15, 2026

## TEST REPORT DESCRIPTION

Applicant : Zeeva Int Ltd  
Address : 1007B-8, 1012 & 15, 10th Fl, Exchange Tower, 33 Wang Chiu Road, Kowloon Bay, Hong Kong  
EUT : RC TRANSFRMR CAR F26 PPK  
Model Name : ET-0970-BLUE  
Trademark : N/A

### Measurement Procedure Used:

| APPLICABLE STANDARDS                                          |             |
|---------------------------------------------------------------|-------------|
| STANDARD                                                      | TEST RESULT |
| FCC 47 CFR Part 2, Subpart J<br>FCC 47 CFR Part 15, Subpart C | PASS        |

The above equipment was tested by EMTEK(DONGGUAN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10-2020 and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15.227.

Date of Test : June 01, 2026 to June 14, 2026

Prepared by :

*Jessica Zhang*  
Jessica Zhang /Editor

Reviewer :

*Warren Deng*  
Warren Deng /Supervisor

Approve & Authorized Signer :

*Sam Lv*  
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## Modified History

| Version | Report No.           | Revision Date | Summary         |
|---------|----------------------|---------------|-----------------|
|         | EDG2606010120E00101R | /             | Original Report |
|         |                      |               |                 |
|         |                      |               |                 |



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## 1. GENERAL INFORMATION

### 1.1 Product Description

| Characteristics                                                                                                      | Description              |
|----------------------------------------------------------------------------------------------------------------------|--------------------------|
| Product Name                                                                                                         | RC TRANSFRMR CAR F26 PPK |
| Model number                                                                                                         | ET-0970-BLUE             |
| SKU#                                                                                                                 | 9253801                  |
| UPC#                                                                                                                 | 1922342626603            |
| Color                                                                                                                | BLUE                     |
| Power Supply                                                                                                         | DC 3V from Battery       |
| Operating Frequency Range                                                                                            | 27.145MHz                |
| Modulation                                                                                                           | ASK                      |
| Number of Channels                                                                                                   | 1 channel                |
| Max Field Strength                                                                                                   | 54.9 dBuV@3m             |
| Antenna Type                                                                                                         | Hose antenna             |
| Temperature Range:                                                                                                   | -10°C ~ +60°C            |
| Remark: The EUT continues to transmit while button is being pressed. Modulation by IC, and type is pulse modulation. |                          |

**Note:** for more details, please refer to the User's manual of the EUT.

## 2. System Test Configuration

### 2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

### 2.2 EUT Exercise

The Transmitter was operated in the normal operating mode. the Tx frequency was fixed which was for the purpose of the measurements.

### 2.3 Test Procedure

#### 2.3.1 Conducted Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. According to the requirements in ANSI C63.10-2020. Conducted emissions from the EUT measured in the **frequency range between 0.15 MHz and 30MHz** using **CISPR Quasi-Peak and average detector mode**.

#### 2.3.2 Radiated Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter(EUT) was rotated through three orthogonal axes according to the requirements in ANSI C63.10-2020

## 2.4 Limitation

### (1) Conducted Emission

According to section 15.207(a) Conducted Emission Limits is as following.

| Frequency range<br>MHz                                                                                                                                                       | Limits<br>dB(uV) |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|
|                                                                                                                                                                              | Quasi-peak       | Average  |
| 0.15 to 0.50                                                                                                                                                                 | 66 to 56         | 56 to 46 |
| 0.50 to 5                                                                                                                                                                    | 56               | 46       |
| 5 to 30                                                                                                                                                                      | 60               | 50       |
| Note<br>1.The lower limit shall apply at the transition frequencies<br>2.The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz. |                  |          |

### (2) Radiated Emission

- a. The field strength of any emission within this band (section 15.235 frequency between 49.82MHz -49.90MHz) shall not exceed 10000 micro volts/meter at 3 meters. (80dB  $\mu$ V at 3m) The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in section 15.35 for limiting peak emissions apply.
- b. The field strength of any emissions which appear outside of this band shall not exceed the general radiated emission limits in section 15.209(Intentional Radiators general limit).as below.

| Frequency<br>(MHz) | Field strength<br>$\mu$ V/m | Distance(m) | Field strength at 3m<br>dB $\mu$ V/m |
|--------------------|-----------------------------|-------------|--------------------------------------|
| 1.705-30           | 30                          | 30          | 69.54                                |
| 30-88              | 100                         | 3           | 40                                   |
| 88-216             | 150                         | 3           | 43.5                                 |
| 216-960            | 200                         | 3           | 46                                   |
| Above 960          | 500                         | 3           | 54                                   |

- Remark:
1. Emission level in dBuV/m=20 log (uV/m)
  2. Measurement was performed at an antenna to the closed point of EUT distance of     meters.
  3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of  $\xi$  15.205
  4. Emission spurious frequency which appearing within the Restricted Bands specified in provision of  $\xi$ 15.205, then the general radiated emission limits in  $\xi$  15.209 apply.

## 2.5 Configuration of Tested System

**Fig. 2-1 Configuration of Tested System**

EUT

**Table 2-1 Equipment Used in Tested System**

| Item | Equipment                | Trademark | Model No.    | FCC ID           | Series No. | Note       |
|------|--------------------------|-----------|--------------|------------------|------------|------------|
| 1    | RC TRANSFRMR CAR F26 PPK | N/A       | ET-0970-BLUE | 2ADM5-ET-0970-27 | N/A        | <b>EUT</b> |

**Note:**

- (1) Unless otherwise denoted as EUT in 『Remark』 column , device(s) used in tested system is a support equipment.

### 3. Summary of Test Results

| FCC Rules | Description Of Test | Result    |
|-----------|---------------------|-----------|
| §15.207   | Conducted Emission  | N/A       |
| §15.227   | Radiated Emission   | Compliant |
| §15.227   | Bandwidth Test      | Compliant |
| §15.203   | Antenna Requirement | Compliant |



## 4. Description of test modes

The EUT (RC TRANSFRMR CAR F26 PPK) has been tested under normal operating condition.

The EUT stay in continuous transmitting mode. The Frequency 27.145MHz is chosen for testing.

For Radiated: The EUT's antenna was pre-tested under the following modes:

| Test Mode     | Description     |
|---------------|-----------------|
| <b>Mode A</b> | <b>X-Y axis</b> |
| Mode B        | Y-Z axis        |
| Mode C        | X-Z axis        |

From the above modes, the worst case was found in Mode A. Therefore only the test data of the mode was recorded in this report.



## 5. Test Facility

| Site Description |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EMC Lab.         | <p>: Accredited by CNAS, 2024.07.06<br/>The certificate is valid until 2030.07.05<br/>The Laboratory has been assessed and proved to be in compliance with CNAS/CL01:2018<br/>The Certificate Registration Number is L3150</p> <p>Accredited by FCC<br/>Designation Number: CN1451<br/>Test Firm Registration Number: 846861</p> <p>Accredited by A2LA<br/>The Certificate Registration Number is 4321.02</p> <p>Accredited by Industry Canada<br/>The Certificate Registration Number is CN0113</p> |
| Name of Firm     | : EMTEK (DONGGUAN) CO., LTD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Site Location    | : 1&2/F., Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshanhu High-technology Industrial Development Zone, Dongguan, Guangdong, China                                                                                                                                                                                                                                                                                                  |

## 6. TEST SYSTEM UNCERTAINTY

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Table 1

| Test Parameter                 | Measurement Uncertainty   |
|--------------------------------|---------------------------|
| Radio Frequency                | $\pm 1 \times 10^{-5}$    |
| Maximum Peak Output Power Test | $\pm 1.0\text{dB}$        |
| Conducted Emissions Test       | See below                 |
| Radiated Emission Test         | $\pm 2.0\text{dB}$        |
| Power Density                  | $\pm 2.0\text{dB}$        |
| Occupied Bandwidth Test        | $\pm 1.0\text{dB}$        |
| Band Edge Test                 | $\pm 3\text{dB}$          |
| All emission, radiated         | See below                 |
| Antenna Port Emission          | $\pm 3\text{dB}$          |
| Temperature                    | $\pm 0.5^{\circ}\text{C}$ |
| Humidity                       | $\pm 3\%$                 |

Table 2

| Test Item                                     | Uncertainty                                                                                             |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Conducted Emission Uncertainty                | : 2.08dB(9K-150KHz)<br>2.42dB(150K-30MHz)                                                               |
| Radiated Emission Uncertainty<br>(3m Chamber) | : 3.32dB (30M~1GHz Polarize: H)<br>3.34dB (30M~1GHz Polarize: V)<br>4.98dB (1~6GHz)<br>5.20dB (6~18GHz) |

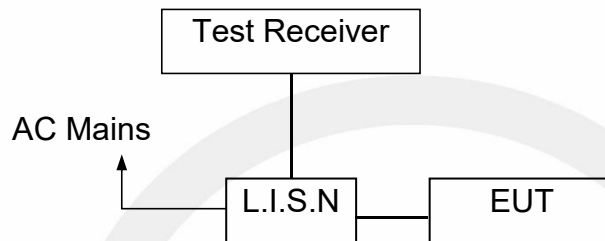
Measurement Uncertainty for a level of Confidence of 95%

## 7. Conducted Emissions Test

### 7.1 Measurement Procedure:

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured were complete.

### 7.2 Test SET-UP (Block Diagram of Configuration)



### 7.3 Measurement Equipment Used:

| Equipment         | Manufacturer  | Model No. | Serial No. | Last Cal. | Cal. Interval |
|-------------------|---------------|-----------|------------|-----------|---------------|
| EMI Test Receiver | Rohde&Schwarz | ESCI      | 100137     | 2026/4/23 | 1 Year        |
| AMN               | Rohde&Schwarz | ENV216    | 101209     | 2026/4/23 | 1 Year        |

### 7.4 Measurement Result:

N/A.

### 7.5 Conducted Measurement Photos:

N/A

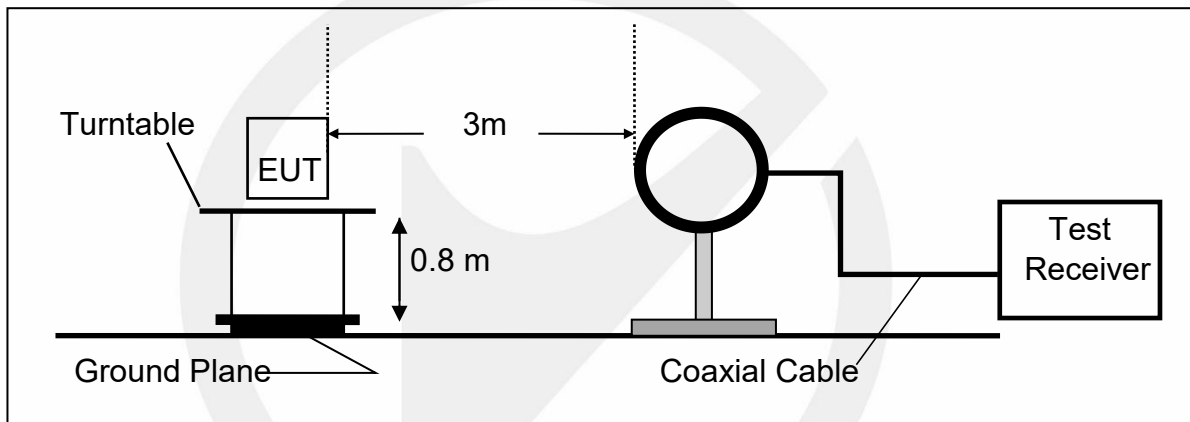
## 8. Radiated Emission Test

### 8.1 Measurement Procedure

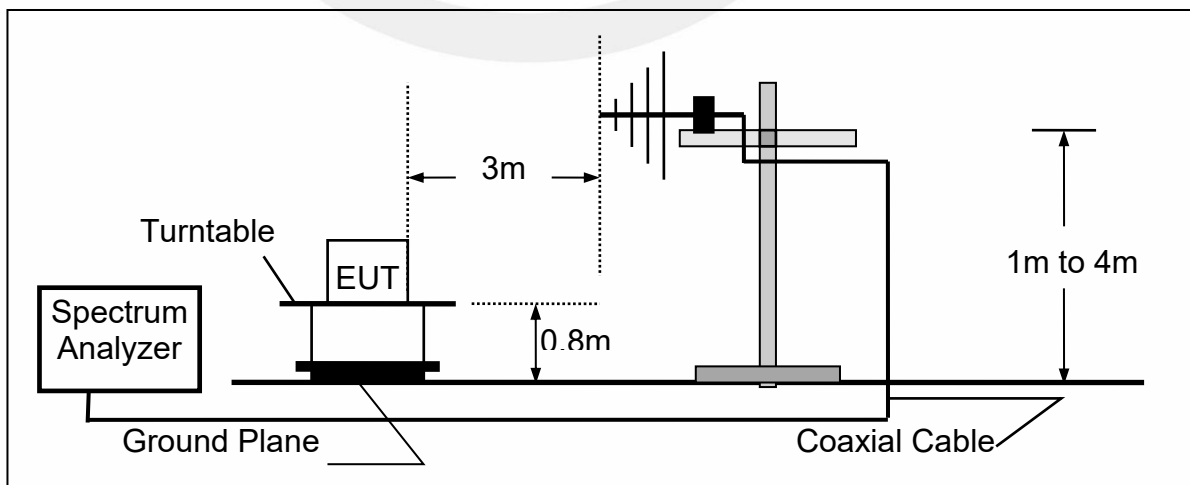
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measured were complete.

### 8.2 Test SET-UP (Block Diagram of Configuration)

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



(B) Radiated Emission Test Set-Up, Frequency Above 30MHz



### 8.3 Measurement Equipment Used:

| Equipment             | Manufacturer  | Model No.        | Serial No.   | Last Cal. | Cal. Interval |
|-----------------------|---------------|------------------|--------------|-----------|---------------|
| EMI Test Receiver     | Rohde&Schwarz | ESCI             | 101415       | 2026/4/23 | 1Year         |
| Bi-log Hybrid Antenna | Schwarzbeck   | VULB9163         | 141          | 2026/4/25 | 1Year         |
| Pre-Amplifie          | HP            | 8447F            | OPH64        | 2026/4/23 | 1 Year        |
| Signal Analyzer       | R&S           | FSV30            | 103039       | 2026/4/23 | 1 Year        |
| Horn Antenna          | Schwarzbeck   | BBHA9120D        | 1272         | 2026/4/25 | 1Year         |
| Horn Antenna          | Schwarzbeck   | BBHA9170         | 9170-567     | 2026/4/25 | 1Year         |
| Pre-Amplifie          | LUNAR EM      | PM1-18-40        | J10100000081 | 2026/4/23 | 1Year         |
| Loop antenna          | Schwarzbeck   | FMZB1519         | 1519-012     | 2026/4/25 | 1Year         |
| Cable                 | Rosenberger   | CIL02            | A0783566     | 2026/4/23 | 1Year         |
| Cable                 | HTS           | CBL-26           | D1245        | 2026/4/23 | 1Year         |
| Cable                 | HTS           | CBL-26           | D8503        | 2026/4/23 | 1Year         |
| Cable                 | HTS           | CBL-26           | /            | 2026/4/23 | 1Year         |
| 6 db attenuator       | AR-WORLDWIDE  | 6dB/50FH-006-100 | 324011       | 2026/4/23 | 1Year         |
| Test Software         | Farad         | Ver.RA-03A1      | --           | N/A       | N/A           |

## 8.4 Radiated Emission Limit

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table15.209(a):

| Frequencies<br>(MHz) | Field Strength<br>(micorvolts/meter) | Measurement Distance<br>(meters) |
|----------------------|--------------------------------------|----------------------------------|
| 0.009~0.490          | 2400/F(KHz)                          | 300                              |
| 0.490~1.705          | 24000/F(KHz)                         | 30                               |
| 1.705~30.0           | 30                                   | 30                               |
| 30~88                | 100                                  | 3                                |
| 88~216               | 150                                  | 3                                |
| 216~960              | 200                                  | 3                                |
| Above 960            | 500                                  | 3                                |

Restricted bands of operation

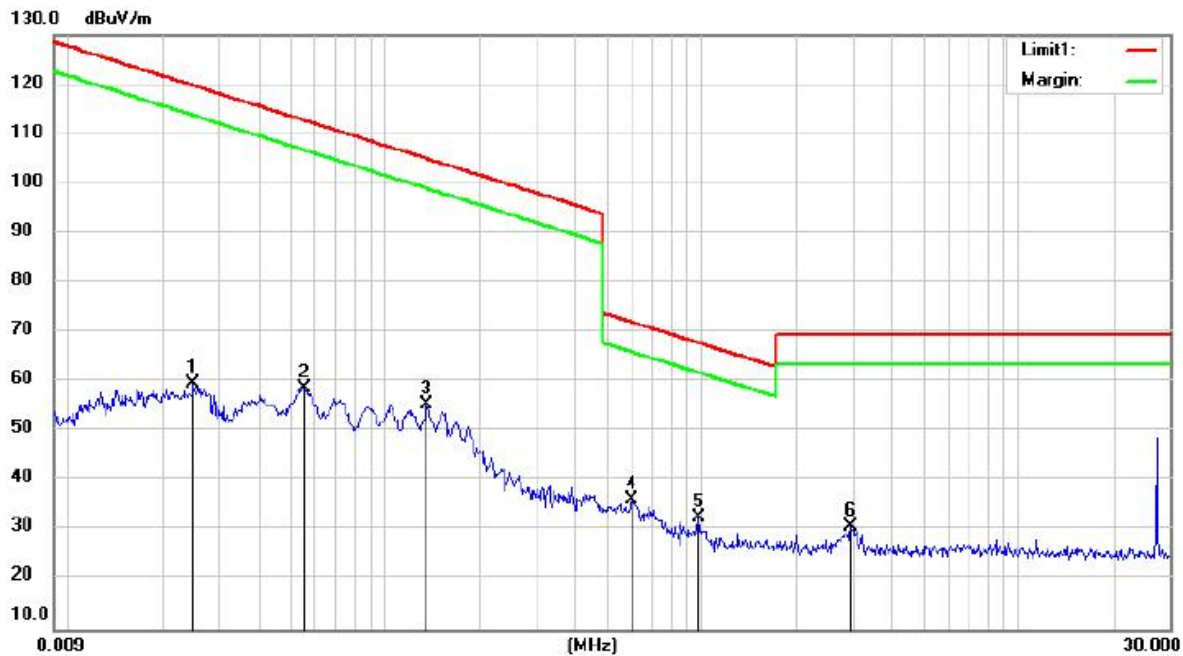
| MHz                        | MHz                   | MHz             | GHz              |
|----------------------------|-----------------------|-----------------|------------------|
| 0.090 - 0.110              | 16.42 - 16.423        | 399.9 - 410     | 4.5 - 5.15       |
| <sup>1</sup> 0.495 - 0.505 | 16.69475 - 16.69525   | 608 - 614       | 5.35 - 5.46      |
| 2.1735 - 2.1905            | 16.80425 - 16.80475   | 960 - 1240      | 7.25 - 7.75      |
| 4.125 - 4.128              | 25.5 - 25.67          | 1300 - 1427     | 8.025 - 8.5      |
| 4.17725 - 4.17775          | 37.5 - 38.25          | 1435 - 1626.5   | 9.0 - 9.2        |
| 4.20725 - 4.20775          | 73 - 74.6             | 1645.5 - 1646.5 | 9.3 - 9.5        |
| 6.215 - 6.218              | 74.8 - 75.2           | 1660 - 1710     | 10.6 - 12.7      |
| 6.26775 - 6.26825          | 108 - 121.94          | 1718.8 - 1722.2 | 13.25 - 13.4     |
| 6.31175 - 6.31225          | 123 - 138             | 2200 - 2300     | 14.47 - 14.5     |
| 8.291 - 8.294              | 149.9 - 150.05        | 2310 - 2390     | 15.35 - 16.2     |
| 8.362 - 8.366              | 156.52475 - 156.52525 | 2483.5 - 2500   | 17.7 - 21.4      |
| 8.37625 - 8.38675          | 156.7 - 156.9         | 2690 - 2900     | 22.01 - 23.12    |
| 8.41425 - 8.41475          | 162.0125 - 167.17     | 3260 - 3267     | 23.6 - 24.0      |
| 12.29 - 12.293             | 167.72 - 173.2        | 3332 - 3339     | 31.2 - 31.8      |
| 12.51975 - 12.52025        | 240 - 285             | 3345.8 - 3358   | 36.43 - 36.5     |
| 12.57675 - 12.57725        | 322 - 335.4           | 3600 - 4400     | ( <sup>2</sup> ) |

- Remark 1. Emission level in dBuV/m=20 log (uV/m)
- : 2. Measurement was performed at an antenna to the closed point of EUT distance of meters.
3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of § 15.205, and the emissions located in restricted bands also comply with 15.209 limit.

### Field Strength of the fundamental signal

| FCC Part15 (15.227) , Subpart C |                                  |                                |
|---------------------------------|----------------------------------|--------------------------------|
| Fundamental Frequency           | Field Strength<br>Of Fundamental |                                |
| 27.145MHz                       | PK:100 dBuV/m at 3m<br>distance  | AV:80 dBuV/m at 3m<br>distance |

## 8.5 Measurement Results



Site Chamber #1

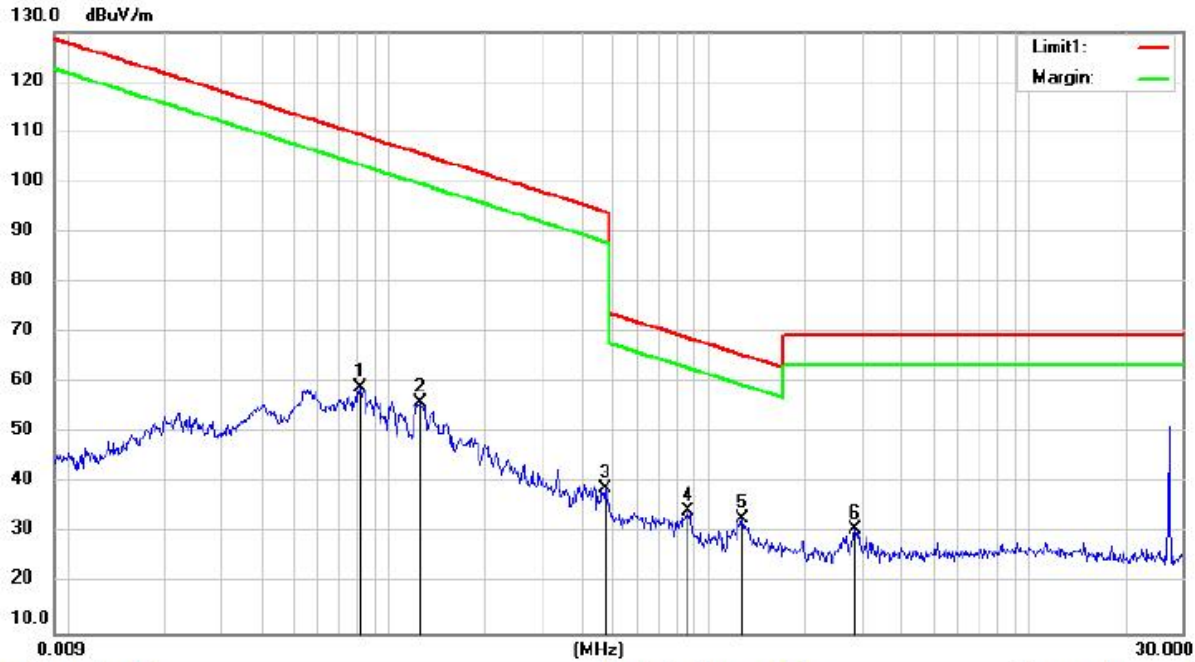
Polarization: 0°

Temperature: 23.3 C

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Ant.<br>Factor<br>dB/m | Pre Amp<br>Gain<br>dB | Cable<br>loss<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | HI<br>cm | Degree<br>deg. | Comment |
|-----|-----|--------------|--------------------------|------------------------|-----------------------|---------------------|----------------------------|-----------------|------------|----------|----------|----------------|---------|
| 1   |     | 0.0247       | 68.04                    | 20.32                  | 28.93                 | 0.13                | 59.56                      | 119.74          | -60.18     | peak     |          |                |         |
| 2   |     | 0.0558       | 67.05                    | 20.24                  | 28.79                 | 0.19                | 58.69                      | 112.66          | -53.97     | peak     |          |                |         |
| 3   |     | 0.1350       | 63.73                    | 20.04                  | 28.65                 | 0.19                | 55.31                      | 104.99          | -49.68     | peak     |          |                |         |
| 4   |     | 0.6012       | 44.88                    | 20.04                  | 29.04                 | 0.25                | 36.13                      | 72.03           | -35.90     | peak     |          |                |         |
| 5   | *   | 0.9781       | 41.55                    | 20.08                  | 29.22                 | 0.37                | 32.78                      | 67.81           | -35.03     | peak     |          |                |         |
| 6   |     | 2.9483       | 38.99                    | 20.26                  | 29.24                 | 0.91                | 30.92                      | 69.54           | -38.62     | peak     |          |                |         |

\*:Maximum data x:Over limit !:over margin

Operator: Ccyf



Site Chamber #1

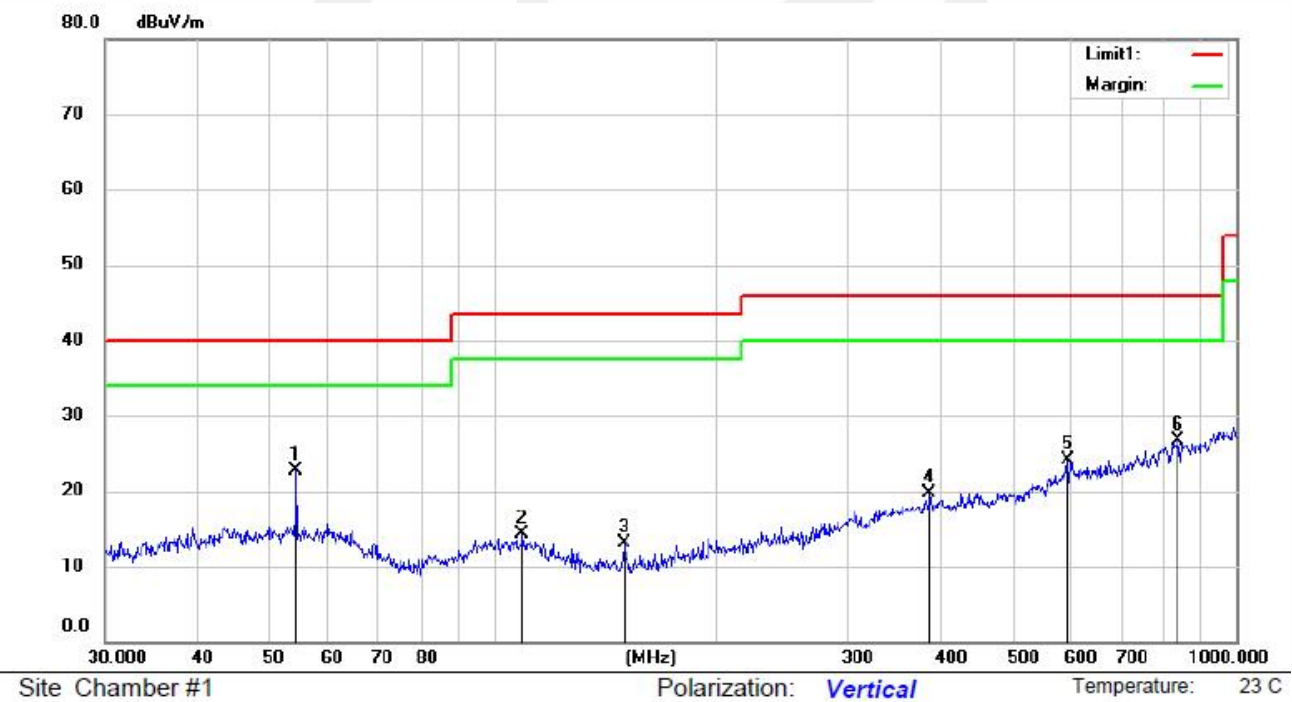
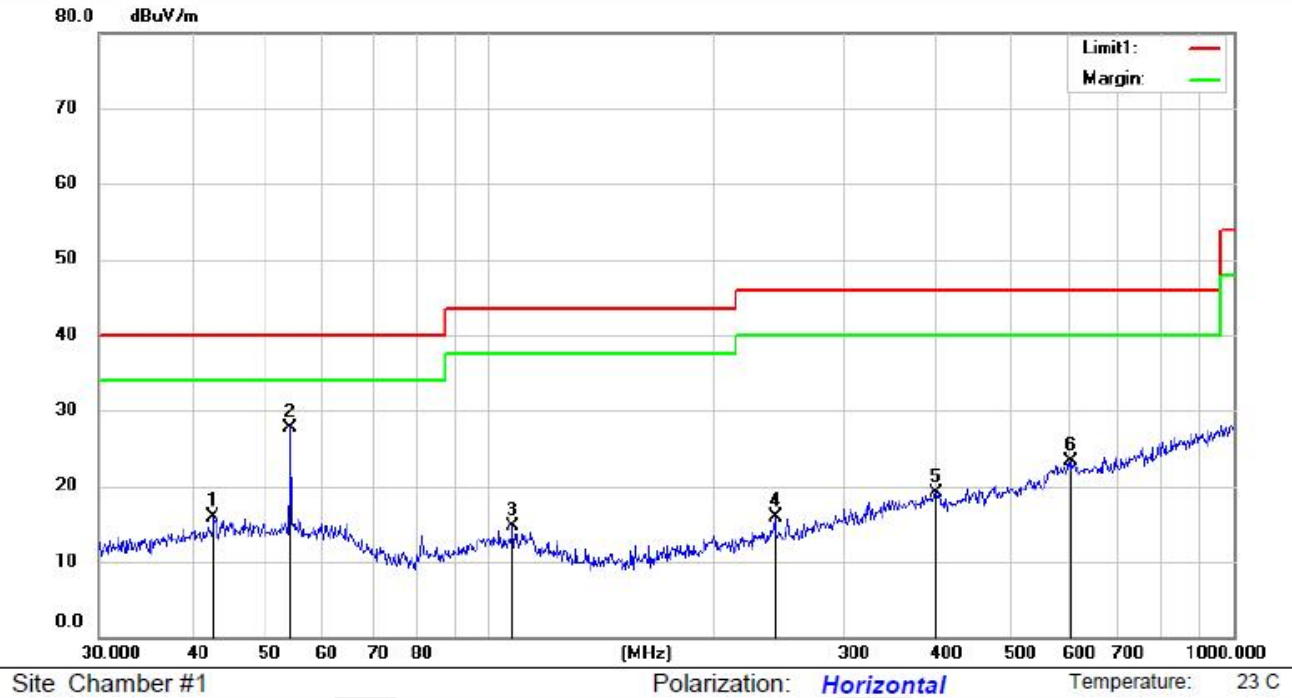
Polarization: 90°

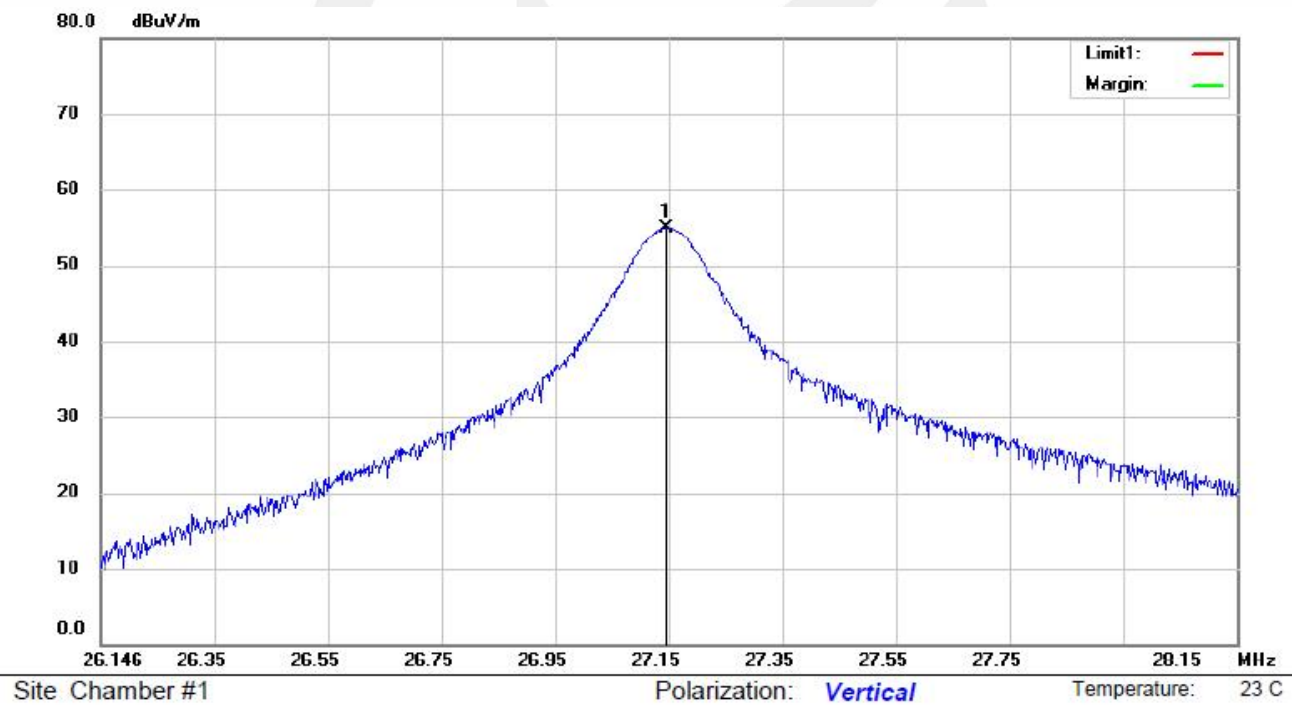
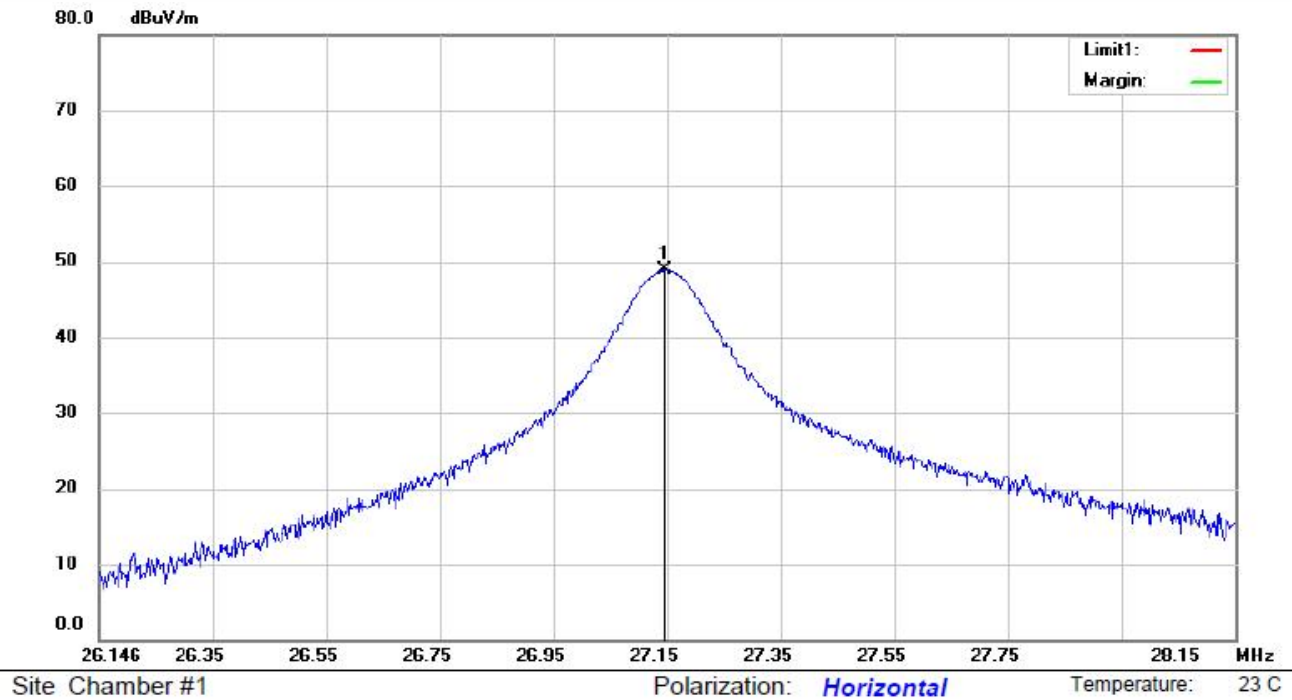
Temperature: 23.3 C

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Ant.<br>Factor<br>dB/m | Pre Amp<br>Gain<br>dB | Cable<br>loss<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | HI<br>cm | Degree<br>deg. | Comment |
|-----|-----|--------------|--------------------------|------------------------|-----------------------|---------------------|----------------------------|-----------------|------------|----------|----------|----------------|---------|
| 1   |     | 0.0810       | 67.40                    | 20.18                  | 28.68                 | 0.19                | 59.09                      | 109.43          | -50.34     | peak     |          |                |         |
| 2   |     | 0.1255       | 64.49                    | 20.06                  | 28.64                 | 0.19                | 56.10                      | 105.62          | -49.52     | peak     |          |                |         |
| 3   |     | 0.4713       | 47.65                    | 20.03                  | 28.97                 | 0.22                | 38.93                      | 94.14           | -55.21     | peak     |          |                |         |
| 4   |     | 0.8591       | 43.35                    | 20.07                  | 29.16                 | 0.33                | 34.59                      | 68.94           | -34.35     | peak     |          |                |         |
| 5   | *   | 1.2681       | 41.66                    | 20.1                   | 29.23                 | 0.45                | 32.98                      | 65.56           | -32.58     | peak     |          |                |         |
| 6   |     | 2.8542       | 38.82                    | 20.25                  | 29.24                 | 0.88                | 30.71                      | 69.54           | -38.83     | peak     |          |                |         |

\*:Maximum data x:Over limit !:over margin

Operator: Ccyf





Remark:

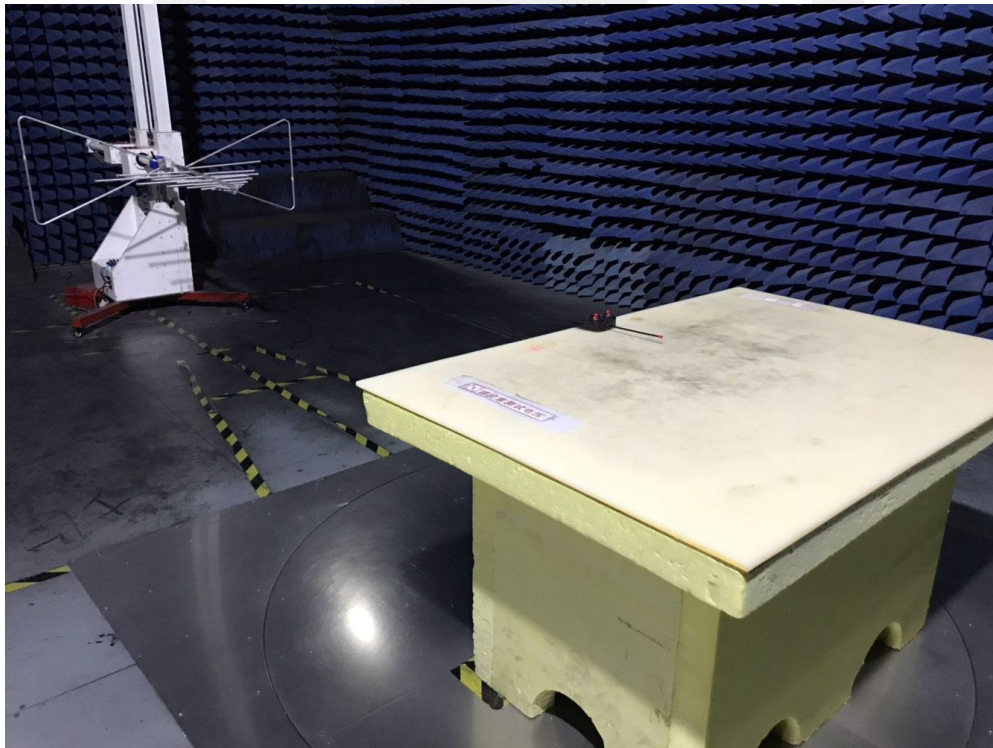
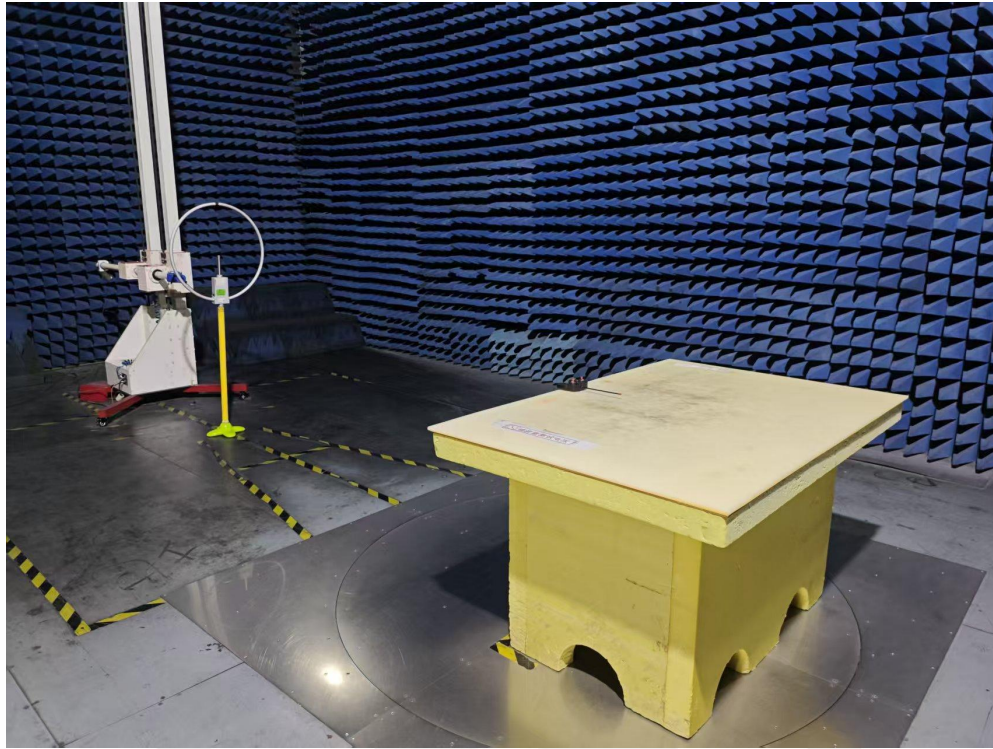
1. Measurement (dBμV/m) = Antenna Factor(dB) -Amp Factor(dB) +Cable Loss(dB) + Reading(dBμV/m)
2. Over (dB) = Measurement (dBμV/m) - Limit (dBμV/m)

Test Result: PASS Test By: Ccyf  
Frequency Range: 30M-1GHz Fundamental Frequency: 27.145 MHz

| Frequency (MHz)                                                                     | Ant.Pol. (V/H) | Emission Level (dBuV/m) | Limit 3m (dBuV/m) | Margin (dB) | Note |
|-------------------------------------------------------------------------------------|----------------|-------------------------|-------------------|-------------|------|
| 27.1420                                                                             | H              | 48.82                   | 80.00             | -31.18      | AVG  |
| 42.7494                                                                             | H              | 15.96                   | 40.00             | -24.04      | QP   |
| 54.2610                                                                             | H              | 27.78                   | 40.00             | -12.22      | QP   |
| 107.8876                                                                            | H              | 14.71                   | 43.50             | -28.79      | QP   |
| 242.5252                                                                            | H              | 15.95                   | 46.00             | -30.05      | QP   |
| 399.0300                                                                            | H              | 19.04                   | 46.00             | -26.96      | QP   |
| 605.6592                                                                            | H              | 23.21                   | 46.00             | -22.79      | QP   |
| 27.1420                                                                             | V              | 54.9                    | 80.00             | -25.1       | AVG  |
| 54.2610                                                                             | V              | 22.78                   | 40.00             | -17.22      | QP   |
| 109.4116                                                                            | V              | 14.29                   | 43.50             | -29.21      | QP   |
| 150.0107                                                                            | V              | 13.10                   | 43.50             | -30.40      | QP   |
| 386.6338                                                                            | V              | 19.66                   | 46.00             | -26.34      | QP   |
| 593.0496                                                                            | V              | 24.18                   | 46.00             | -21.82      | QP   |
| 833.3170                                                                            | V              | 26.70                   | 46.00             | -19.30      | QP   |
| Note:Emission Level is less than the limit of AVG,so it less than the limit of PEAK |                |                         |                   |             |      |

**No others harmonics emissions are higher than 20dB below the limits of 47 CFR Part 15.209.**

## 8.6 Radiated Measurement Photos:

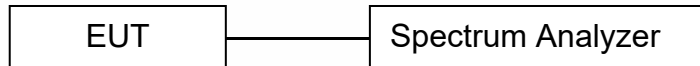


## 9. Occupied Bandwidth

### 9.1 Measurement Procedure

1. Set EUT as normal operation
2. Set SPA Center Frequency = fundamental frequency, RBW=5Hz,VBW= 20Hz
3. Set SPA Max hold. Mark peak.

### 9.2 Test SET-UP (Block Diagram of Configuration)



### 9.3 Measurement Equipment Used:

| Equipment                         | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|-----------------------------------|--------------|-----------|------------|-----------|---------------|
| Wireless Connectivity Tester      | R&S          | CMW270    | 102543     | 2026/4/23 | 1Year         |
| Automatic Control Unit            | Tonscend     | JS0806-2  | 2118060480 | 2026/4/23 | 1Year         |
| Signal Analyzer                   | KEYSIGHT     | N9010B    | MY60242456 | 2026/4/23 | 1Year         |
| Analog Signal Generator           | KEYSIGHT     | N5173B    | MY61252625 | 2026/4/23 | 1Year         |
| UP/DOWN-Converter                 | R&S          | CMW-Z800A | 100274     | 2026/4/23 | 1Year         |
| Vector Signal Generator           | KEYSIGHT     | N5182B    | MY61252674 | 2026/4/23 | 1Year         |
| Frequency Extender                | KEYSIGHT     | N5182BX07 | MY59362541 | 2026/4/23 | 1Year         |
| Temperature&Humidity test chamber | ESPEC        | EL-02KA   | 12107166   | 2026/4/23 | 1 Year        |
| Radio frequency test system       | Tonscend     | JS1120-3  | --         | N/A       | N/A           |

For measurement cables(It is from the antenna end of EUTto the test port of test equipment.)

| Equipment         | Manufacturer              | cable loss | Application frequency band | Measurement data of line loss comes from | Last Cal. | Cal. Interval |
|-------------------|---------------------------|------------|----------------------------|------------------------------------------|-----------|---------------|
| Measurement cable | Provided by the applicant | 0.5 dBm    | 27.145MHz                  | Manufacturers claim themselves.          | N/A       | N/A           |

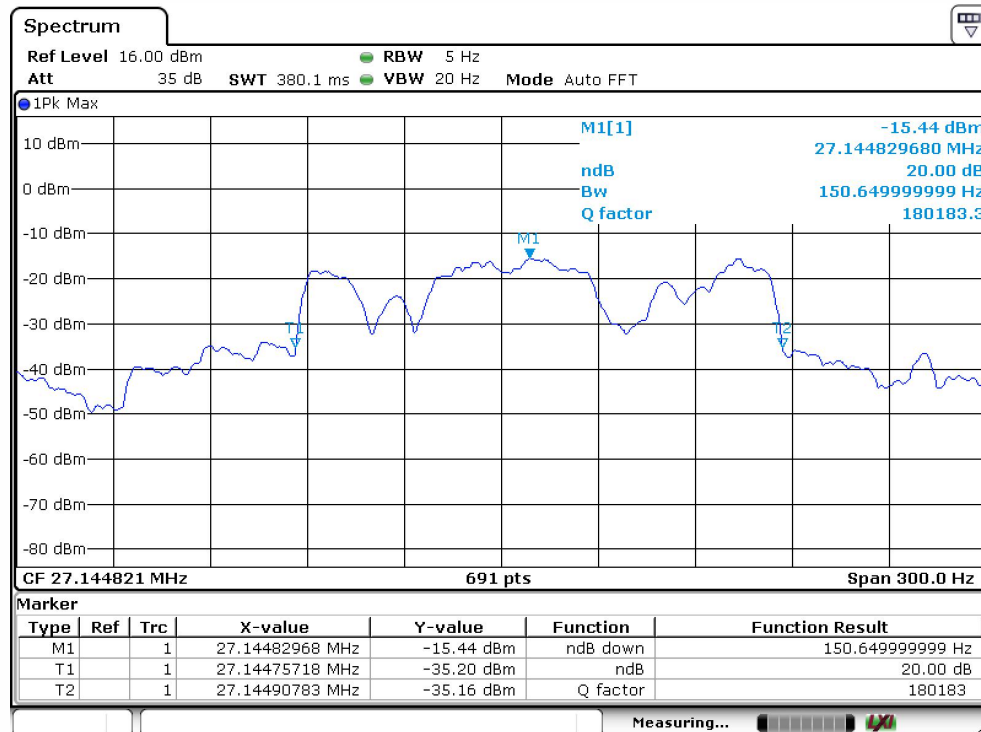
Pass.

Limits for 20 dB Bandwidth of Fundamental Emission:

| Frequency(MHz) | 20dB Bandwidth(Hz) | Limits (MHz)            |
|----------------|--------------------|-------------------------|
| 27.145         | 150.65             | Within 26.96-27.28 MHz. |

Refer to attached data chart.

## Band Width Test Data



## 10. Antenna Application

### 10.1 Antenna requirement

The EUT'S antenna is met the requirement of FCC part 15C section 15.203.

Systems operating in the 27.145MHz that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum peak output power of the intentional radiator is reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

### 10.2 Result

The EUT's antenna is permanent attached antenna, external antenna. The antenna is not replaceable or user serviceable. The requirement of FCC part 15C section 15.203 is met.

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