

# FCC RF Test Report

**Report No.:** JYTSZ-R12-2500202

**Applicant:** Remote Tech LLC

**Address of Applicant:** 310 ALDER RD, DOVER DE 19904 USA

**Equipment Under Test (EUT)**

Product Name: Smart Key

Model No.: RT-NYO2004

Trade Mark: N/A

**FCC ID:** 2AOKM-HK32

**Applicable Standards:** FCC CFR Title 47 Part 15C (§15.231)

**Date of Sample Receipt:** 28 Feb., 2025

**Date of Test:** 01 Mar., to 21 Mar., 2025

**Date of Report Issue:** 24 Mar., 2025

**Test Result:** PASS

**Tested by:**

*Allen Chen*  
Project Engineer

**Date:**

24 Mar., 2025

**Reviewed by:**

*Wu Ding*  
Senior Engineer

**Date:**

24 Mar., 2025

**Approved by:**

*Janet Wei*  
Manager

**Date:**

24 Mar., 2025

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

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1 Version

| Version No. | Date          | Description |
|-------------|---------------|-------------|
| 00          | 24 Mar., 2025 | Original    |
|             |               |             |
|             |               |             |
|             |               |             |
|             |               |             |

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## 3 General Information

### 3.1 Client Information

|               |                                  |
|---------------|----------------------------------|
| Applicant:    | Remote Tech LLC                  |
| Address:      | 310 ALDER RD, DOVER DE 19904 USA |
| Manufacturer: | Remote Tech LLC                  |
| Address:      | 310 ALDER RD, DOVER DE 19904 USA |

### 3.2 General Description of E.U.T.

|                        |                                                                               |
|------------------------|-------------------------------------------------------------------------------|
| Product Name:          | Smart Key                                                                     |
| Model No.:             | RT-NYO2004                                                                    |
| Operation Frequency:   | 433.92 MHz                                                                    |
| Channel Numbers:       | 1                                                                             |
| Modulation Type:       | ASK                                                                           |
| Antenna Type:          | PCB Antenna                                                                   |
| Antenna Gain:          | -12.88 dBi (declare by Applicant)                                             |
| Power Supply:          | DC 3V (CR2032 battery)                                                        |
| Test Sample Condition: | The test samples were provided in good working order with no visible defects. |

### 3.3 Test Mode and Environment

| Test Mode:                                                                                                                                                                                                                                          |                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Transmitting mode:                                                                                                                                                                                                                                  | Keep the EUT in transmitting mode with modulation                     |
| <b>Remark:</b> The EUT was placed on three different polar directions tested: i.e. X axis, Y axis, Z axis, and found the test results are both the "worst case" and "worst setup": Y axis, so the report only reflects the test data of worst mode. |                                                                       |
| Operating Environment:                                                                                                                                                                                                                              |                                                                       |
| Temperature:                                                                                                                                                                                                                                        | 15°C ~ 35°C                                                           |
| Humidity:                                                                                                                                                                                                                                           | 20 % ~ 75 % RH                                                        |
| Atmospheric Pressure:                                                                                                                                                                                                                               | 1008 mbar                                                             |
| Test Engineer:                                                                                                                                                                                                                                      | Alan Chen (Conducted measurement)<br>Real Chen (Radiated measurement) |

### 3.4 Description of Test Auxiliary Equipment

| Manufacturer | Description | Model | Serial Number | FCC ID/DoC |
|--------------|-------------|-------|---------------|------------|
| N/A          | N/A         | N/A   | N/A           | N/A        |

### 3.5 Measurement Uncertainty

| Parameter                                                                                                                                                                                                                                                                                                              | Expanded Uncertainty<br>(Confidence of 95%(U = 2Uc(y))) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Radiated Emission (9kHz ~ 30MHz) (3m SAC)                                                                                                                                                                                                                                                                              | ±3.3 dB                                                 |
| Radiated Emission (30MHz ~ 200MHz) (3m SAC)                                                                                                                                                                                                                                                                            | ±4.6 dB                                                 |
| Radiated Emission (200MHz ~ 1000MHz) (3m SAC)                                                                                                                                                                                                                                                                          | ±5.8 dB                                                 |
| Radiated Emission (1GHz ~ 18GHz) (3m FAR)                                                                                                                                                                                                                                                                              | 5.15 dB                                                 |
| <b>Remark:</b> All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance. |                                                         |

### 3.6 Additions to, Deviations, or Exclusions From the Method

|    |
|----|
| No |
|----|

### 3.7 Laboratory Facility

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>The test facility is recognized, certified, or accredited by the following organizations:</p> <ul style="list-style-type: none"> <li>● <b>FCC - Designation No.: CN1211</b><br/>JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.</li> <li>● <b>ISED – CAB identifier.: CN0021</b><br/>The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.</li> <li>● <b>CNAS - Registration No.: CNAS L15527</b><br/>JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.</li> <li>● <b>A2LA - Registration No.: 4346.01</b><br/>This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <a href="https://portal.a2la.org/scopepdf/4346-01.pdf">https://portal.a2la.org/scopepdf/4346-01.pdf</a></li> </ul> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 3.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.  
Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.  
Tel: +86-755-23118282, Fax: +86-755-23116366  
Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

## 3.9 Test Instruments List

| Radiated Emission(3m SAC):    |                 |                 |                  |                      |                          |
|-------------------------------|-----------------|-----------------|------------------|----------------------|--------------------------|
| Test Equipment                | Manufacturer    | Model No.       | Manage No.       | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| 3m SAC                        | ETS             | 9m*6m*6m        | WXJ001-1         | 04-14-2021           | 04-13-2026               |
| Loop Antenna                  | Schwarzbeck     | FMZB 1519 B     | WXJ002-4         | 01-03-2025           | 01-02-2026               |
| BiConiLog Antenna             | Schwarzbeck     | VULB9163        | WXJ002           | 01-03-2025           | 01-02-2026               |
| Horn Antenna                  | Schwarzbeck     | BBHA9120D       | WXJ002-2         | 01-03-2025           | 01-02-2026               |
| Horn Antenna                  | Schwarzbeck     | BBHA9170        | WXJ002-5         | 12-25-2024           | 12-24-2025               |
| Pre-amplifier (30MHz ~ 1GHz)  | Schwarzbeck     | BBV9743B        | WXJ001-2         | 12-16-2024           | 12-15-2025               |
| Pre-amplifier (1GHz ~ 18GHz)  | SKET            | LNPA_0118G-50   | WXJ001-3         | 12-16-2024           | 12-15-2025               |
| Pre-amplifier (18GHz ~ 40GHz) | RF System       | TRLA-180400G45B | WXJ002-7         | 12-16-2024           | 12-15-2025               |
| EMI Test Receiver             | Rohde & Schwarz | ESRP7           | WXJ003-1         | 12-16-2024           | 12-15-2025               |
| Spectrum Analyzer             | Rohde & Schwarz | FSP 30          | WXJ004           | 12-16-2024           | 12-15-2025               |
| Spectrum Analyzer             | KEYSIGHT        | N9010B          | WXJ004-2         | 09-09-2024           | 09-08-2025               |
| Coaxial Cable (30MHz ~ 1GHz)  | JYTSZ           | JYT3M-1G-NN-8M  | WXG001-4         | 01-15-2025           | 01-14-2026               |
| Coaxial Cable (1GHz ~ 18GHz)  | JYTSZ           | JYT3M-18G-NN-8M | WXG001-5         | 01-15-2025           | 01-14-2026               |
| Coaxial Cable (18GHz ~ 40GHz) | JYTSZ           | JYT3M-40G-SS-8M | WXG001-7         | 01-15-2025           | 01-14-2026               |
| Band Reject Filter Group      | Tonscend        | JS0806-F        | WXJ089           | N/A                  |                          |
| Test Software                 | Tonscend        | TS+             | Version: 3.0.0.1 |                      |                          |

| Radiated Emission(3m FAR):    |                 |                 |                |                      |                          |
|-------------------------------|-----------------|-----------------|----------------|----------------------|--------------------------|
| Test Equipment                | Manufacturer    | Model No.       | Manage No.     | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| 3m FAR                        | YUNYI           | 9m*6m*6m        | WXJ097         | 06-15-2023           | 06-14-2028               |
| BiConiLog Antenna             | Schwarzbeck     | VULB9163        | WXJ097-2       | 07-01-2024           | 06-30-2025               |
| Biconical Antenna             | Schwarzbeck     | VUBA9117        | WXJ002-1       | 07-01-2024           | 06-30-2027               |
| Horn Antenna                  | Schwarzbeck     | BBHA9120D       | WXJ097-3       | 06-16-2024           | 06-15-2025               |
| Horn Antenna                  | Schwarzbeck     | BBHA9120D       | WXJ002-3       | 12-25-2024           | 12-24-2025               |
| Horn Antenna                  | Schwarzbeck     | BBHA9170        | WXJ002-5       | 12-25-2024           | 12-24-2025               |
| Horn Antenna                  | Schwarzbeck     | BBHA9170        | WXJ002-6       | 12-25-2024           | 12-24-2025               |
| Pre-amplifier (30MHz ~ 1GHz)  | YUNYI           | PAM-310N        | WXJ097-5       | 04-24-2024           | 04-23-2025               |
| Pre-amplifier (1GHz ~ 18GHz)  | YUNYI           | PAM-118N        | WXJ097-6       | 04-24-2024           | 04-23-2025               |
| Pre-amplifier (18GHz ~ 40GHz) | RF System       | TRLA-180400G45B | WXJ002-7       | 12-16-2024           | 12-15-2025               |
| EMI Test Receiver             | Rohde & Schwarz | ESCI3           | WXJ003         | 12-16-2024           | 12-15-2025               |
| Spectrum Analyzer             | Rohde & Schwarz | FSP 30          | WXJ004         | 12-16-2024           | 12-15-2025               |
| Spectrum Analyzer             | KEYSIGHT        | N9020B          | WXJ081-1       | 06-11-2024           | 06-10-2025               |
| Coaxial Cable (30MHz ~ 1GHz)  | JYTSZ           | JYT3M-1G-NN-13M | WXG097-1       | 07-30-2024           | 07-29-2025               |
| Coaxial Cable (1GHz ~ 18GHz)  | JYTSZ           | JYT3M-18G-NN-8M | WXG097-2       | 07-30-2024           | 07-29-2025               |
| Coaxial Cable (18GHz ~ 40GHz) | JYTSZ           | JYT3M-40G-SS-8M | WXG097-3       | 07-30-2024           | 07-29-2025               |
| High Band Reject Filter Group | Tonscend        | JS0806-F        | WXJ089         | N/A                  |                          |
| Low Band Reject Filter Group  | Tonscend        | JS0806-F        | WXJ097-4       | N/A                  |                          |
| Test Software                 | Tonscend        | TS+             | Version: 5.0.0 |                      |                          |

| Conducted Method: |              |           |            |                      |                          |
|-------------------|--------------|-----------|------------|----------------------|--------------------------|
| Test Equipment    | Manufacturer | Model No. | Manage No. | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| Spectrum Analyzer | Keysight     | N9010B    | WXJ004-3   | 09-10-2024           | 09-09-2025               |

## 4 Measurement Setup and Procedure

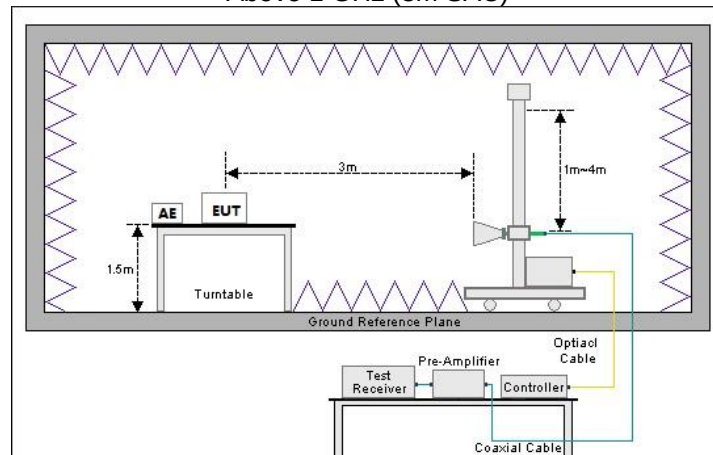
### 4.1 Test Setup

Radiated emission measurement:

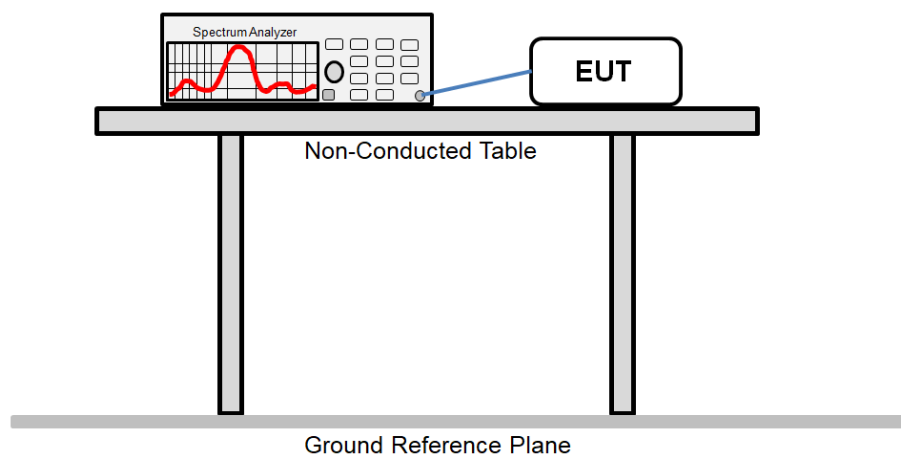
30 MHz – 1000 MHz (3m SAC)



Above 1 GHz (3m SAC)



Conducted test method:



## 4.2 Test Procedure

| Test method           | Test step                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Radiated emission     | <ol style="list-style-type: none"> <li>1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m.</li> <li>2. EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y &amp; Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.</li> <li>3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.</li> </ol> |
| Conducted test method | <ol style="list-style-type: none"> <li>1. The antenna port of EUT was connected to the RF port of the spectrum analyzer through an RF cable.</li> <li>2. The EUT is keeping in continuous transmission mode and tested in all modulation modes.</li> <li>3. The test data is saved by the screenshot function of the spectrum analyzer.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## 5 Test Results

### 5.1 Summary

#### 5.1.1 Clause and Data Summary

| Test items                                                                                                              | Standard clause                     | Test data       | Result |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------|--------|
| Antenna Requirement                                                                                                     | 15.203                              | See Section 5.2 | Pass   |
| AC Power Line Conducted Emission                                                                                        | 15.207                              | N/A             | N/A    |
| 20dB Bandwidth                                                                                                          | 15.231 (c)                          | See Section 5.3 | Pass   |
| Field Strength of Fundamental                                                                                           | 15.231 (b)                          | See Section 5.4 | Pass   |
| Field Strength of Spurious Emissions                                                                                    | 15.209<br>15.231 (b)                | See Section 5.5 | Pass   |
| Duration Time                                                                                                           | 15.231 (a)(1)                       | See Section 5.6 | Pass   |
| <b>Remark:</b><br>1. Pass: The EUT complies with the essential requirements in the standard.<br>2. N/A: Not Applicable. |                                     |                 |        |
| <b>Test Method:</b>                                                                                                     | ANSI C63.4-2014<br>ANSI C63.10-2013 |                 |        |

## 5.1.2 Test Limit

| Test items                                                                | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                         |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------|---------------|------|-----|----------------|------|-----|-----------------|---------------------------|-------------------------|-----------------|------|-----|-----------------|----------------------------|--------------------------|--------------|-------|------|-----------------|---------------------|----------|---------|------|------------|----------|------|------------|-----------|------|------------|------------|------|------------|-----------|---------------------|--|---------|-------|-------------|------|------|
| 20dB Bandwidth                                                            | 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. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                         |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| Field Strength of Fundamental<br><br>Field Strength of Spurious Emissions | <table><tr><th>Fundamental Frequency (MHz)</th><th>Field strength of fundamental (microvolts/meter)</th><th>Field strength of spurious emissions (microvolts/meter)</th></tr><tr><td>40.66 – 40.70</td><td>2250</td><td>225</td></tr><tr><td>70.00 – 130.00</td><td>1250</td><td>125</td></tr><tr><td>130.00 – 174.00</td><td><sup>1</sup>1250 to 3750</td><td><sup>1</sup>125 to 375</td></tr><tr><td>174.00 – 260.00</td><td>3750</td><td>375</td></tr><tr><td>260.00 – 470.00</td><td><sup>1</sup>3750 to 12500</td><td><sup>1</sup>375 to 1250</td></tr><tr><td>Above 470.00</td><td>12500</td><td>1250</td></tr></table> <p><sup>1</sup>Linear interpolations.</p> <p>(1) The above field strength limits are specified at a distance of 3 meters. The tighter limits apply at the band edges.</p> <p>(2) Intentional radiators operating under the provisions of this section shall demonstrate compliance with the limits on the field strength of emissions, as shown in the above table, based on the average value of the measured emissions. As an alternative, compliance with the limits in the above table may be based on the use of measurement instrumentation with a CISPR quasi-peak detector. The specific method of measurement employed shall be specified in the application for equipment authorization. If average emission measurements are employed, the provisions in § 15.35 for averaging pulsed emissions and for limiting peak emissions apply. Further, compliance with the provisions of § 15.205 shall be demonstrated using the measurement instrumentation specified in that section.</p> <p>(3) 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:</p> <table><tr><th>Frequency (MHz)</th><th>Limit (dBµV/m) @ 3m</th><th>Detector</th></tr><tr><td>30 – 88</td><td>40.0</td><td>Quasi-peak</td></tr><tr><td>88 – 216</td><td>43.5</td><td>Quasi-peak</td></tr><tr><td>216 – 960</td><td>46.0</td><td>Quasi-peak</td></tr><tr><td>960 – 1000</td><td>54.0</td><td>Quasi-peak</td></tr></table> <p><b>Note:</b> The more stringent limit applies at transition frequencies.</p> <table><tr><th rowspan="2">Frequency</th><th colspan="2">Limit (dBµV/m) @ 3m</th></tr><tr><th>Average</th><th>Peake</th></tr><tr><td>Above 1 GHz</td><td>54.0</td><td>74.0</td></tr></table> <p><b>Note:</b> The measurement bandwidth shall be 1 MHz or greater.</p> | Fundamental Frequency (MHz)                             | Field strength of fundamental (microvolts/meter) | Field strength of spurious emissions (microvolts/meter) | 40.66 – 40.70 | 2250 | 225 | 70.00 – 130.00 | 1250 | 125 | 130.00 – 174.00 | <sup>1</sup> 1250 to 3750 | <sup>1</sup> 125 to 375 | 174.00 – 260.00 | 3750 | 375 | 260.00 – 470.00 | <sup>1</sup> 3750 to 12500 | <sup>1</sup> 375 to 1250 | Above 470.00 | 12500 | 1250 | Frequency (MHz) | Limit (dBµV/m) @ 3m | Detector | 30 – 88 | 40.0 | Quasi-peak | 88 – 216 | 43.5 | Quasi-peak | 216 – 960 | 46.0 | Quasi-peak | 960 – 1000 | 54.0 | Quasi-peak | Frequency | Limit (dBµV/m) @ 3m |  | Average | Peake | Above 1 GHz | 54.0 | 74.0 |
| Fundamental Frequency (MHz)                                               | Field strength of fundamental (microvolts/meter)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Field strength of spurious emissions (microvolts/meter) |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| 40.66 – 40.70                                                             | 2250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 225                                                     |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| 70.00 – 130.00                                                            | 1250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 125                                                     |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| 130.00 – 174.00                                                           | <sup>1</sup> 1250 to 3750                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <sup>1</sup> 125 to 375                                 |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| 174.00 – 260.00                                                           | 3750                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 375                                                     |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| 260.00 – 470.00                                                           | <sup>1</sup> 3750 to 12500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <sup>1</sup> 375 to 1250                                |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| Above 470.00                                                              | 12500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1250                                                    |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| Frequency (MHz)                                                           | Limit (dBµV/m) @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Detector                                                |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| 30 – 88                                                                   | 40.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quasi-peak                                              |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| 88 – 216                                                                  | 43.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quasi-peak                                              |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| 216 – 960                                                                 | 46.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quasi-peak                                              |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| 960 – 1000                                                                | 54.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quasi-peak                                              |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| Frequency                                                                 | Limit (dBµV/m) @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                         |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
|                                                                           | Average                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Peake                                                   |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| Above 1 GHz                                                               | 54.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 74.0                                                    |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |
| Duration Time                                                             | A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                         |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |

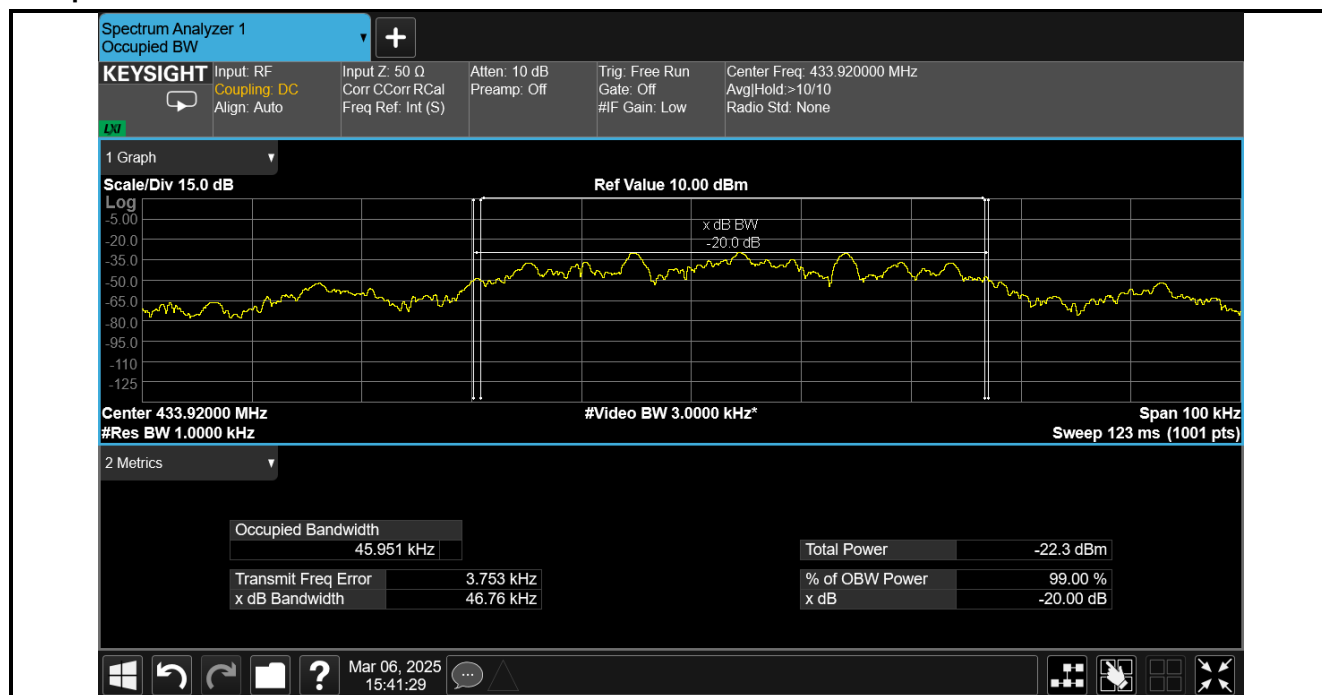
## 5.2 Antenna Requirement

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>Standard requirement:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FCC Part15 C Section 15.203 |
| <b>15.203 requirement:</b><br>An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. |                             |
| <b>E.U.T Antenna:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                             |
| The antenna of EUT is PCB Antenna which cannot replace by end-user. See product internal photos for details.                                                                                                                                                                                                                                                                                                                                                                     |                             |

## 5.3 20dB Bandwidth

| 20dB bandwidth (MHz)                                                     | Limit (MHz) | Results |
|--------------------------------------------------------------------------|-------------|---------|
| 0.04676                                                                  | 1.0848      | Passed  |
| <b>Note:</b> Limit = Fundamental frequency×0.25%=433.92×0.25%=1.0848MHz. |             |         |

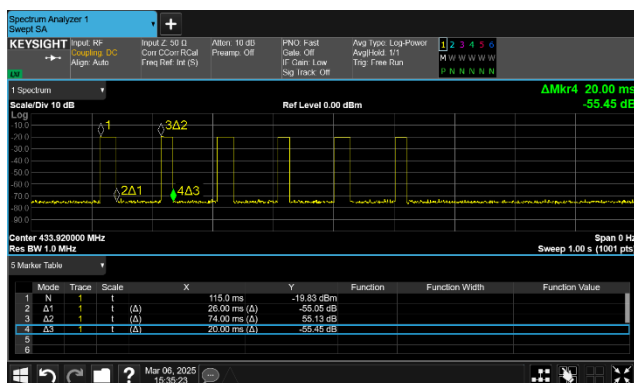
Test plot as follows:



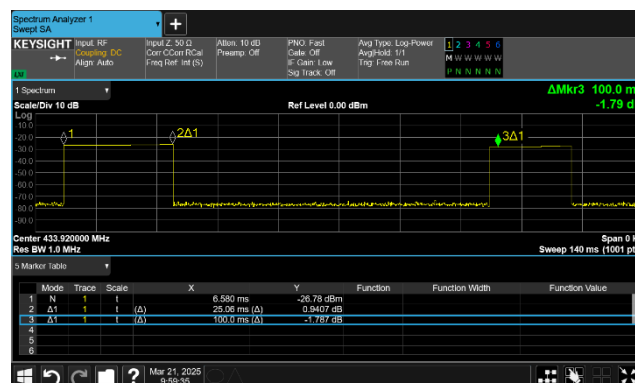
## 5.4 Field Strength of Fundamental

| Peak value                              |                                                                    |        |                |                |             |              |
|-----------------------------------------|--------------------------------------------------------------------|--------|----------------|----------------|-------------|--------------|
| Frequency (MHz)                         | Read level (dBuV)                                                  | Factor | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Polarization |
| 433.928                                 | 84.63                                                              | -9.81  | 74.82          | 100.83         | 26.01       | Vertical     |
| 433.928                                 | 80.09                                                              | -9.81  | 70.28          | 100.83         | 30.55       | Horizontal   |
| Average value                           |                                                                    |        |                |                |             |              |
| Frequency (MHz)                         | Read level (dBuV)                                                  | Factor | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Polarization |
| 433.928                                 | 74.82                                                              | -11.35 | 63.47          | 80.83          | 17.36       | Vertical     |
| 433.928                                 | 70.28                                                              | -11.35 | 58.93          | 80.83          | 21.90       | Horizontal   |
| Duty Cycle Factor<br>Calculate Formula: | Average value = Peak value + Duty Cycle Factor                     |        |                |                |             |              |
|                                         | Duty cycle factor = $20\log(\text{Duty cycle})$                    |        |                |                |             |              |
|                                         | Duty cycle = on time/100 milliseconds or period, whichever is less |        |                |                |             |              |
|                                         | T on time = 27.06(ms)                                              |        |                |                |             |              |
|                                         | T period =100(ms)                                                  |        |                |                |             |              |
|                                         | Duty cycle = $27.06/100=27.06\%$                                   |        |                |                |             |              |
|                                         | Duty cycle factor = $20\log(\text{Duty cycle}) = -11.35$           |        |                |                |             |              |

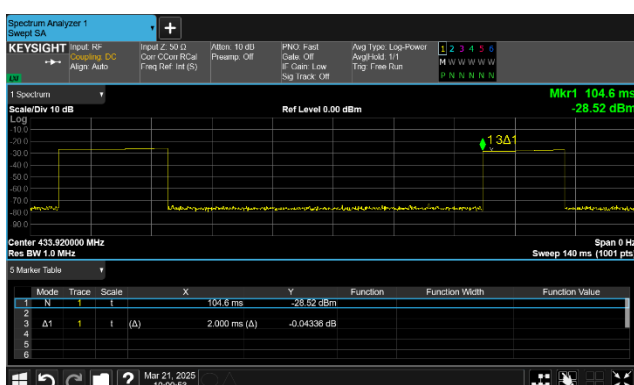
T period:



T on -1:

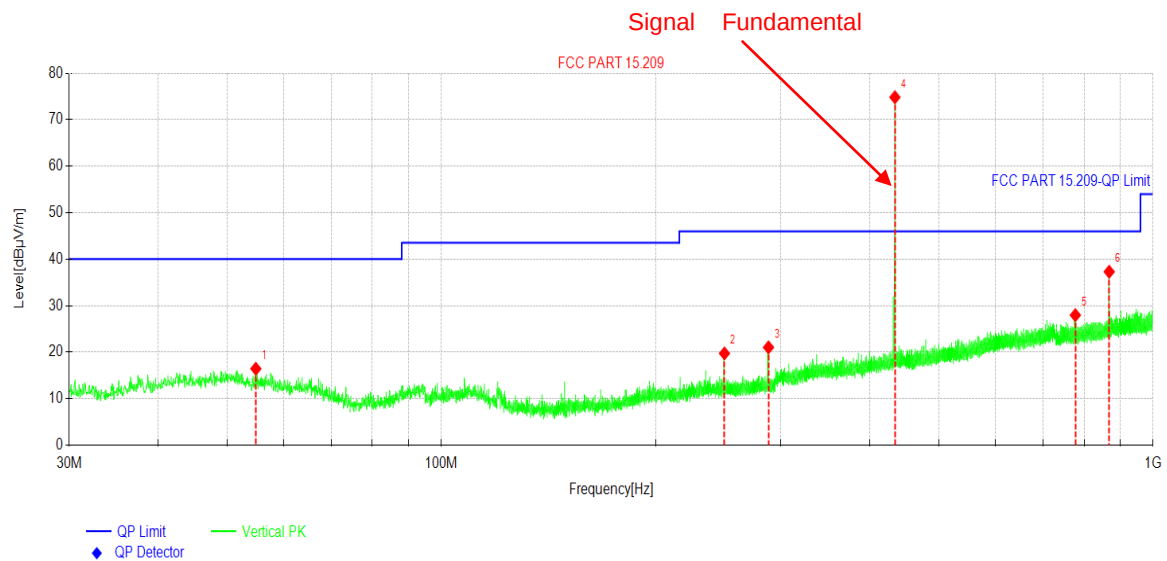


T on -2:



## 5.5 Field Strength of Spurious Emissions

|                 |                   |                |            |
|-----------------|-------------------|----------------|------------|
| Product Name:   | Smart Key         | Product Model: | RT-NYO2004 |
| Test By:        | Kiran Zeng        | Test mode:     | Tx mode    |
| Test Frequency: | 30 MHz – 1000 MHz | Polarization:  | Vertical   |
| Test Voltage:   | DC 3V             |                |            |



**Suspected Data List**

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Trace | Polarity |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|-------|----------|
| 1   | 54.8817     | 29.32            | -12.89      | 16.43          | 40.00          | 23.57       | PK    | Vertical |
| 2   | 249.9585    | 33.32            | -13.59      | 19.73          | 46.00          | 26.27       | PK    | Vertical |
| 3   | 288.2269    | 33.97            | -12.94      | 21.03          | 46.00          | 24.97       | PK    | Vertical |
| 4   | 433.9282    | 84.63            | -9.81       | 74.82          | 100.83         | 26.01       | PK    | Vertical |
| 5   | 777.7134    | 31.88            | -3.93       | 27.95          | 46.00          | 18.05       | PK    | Vertical |
| 6   | 867.8794    | 40.11            | -2.82       | 37.29          | 80.83          | 43.54       | PK    | Vertical |

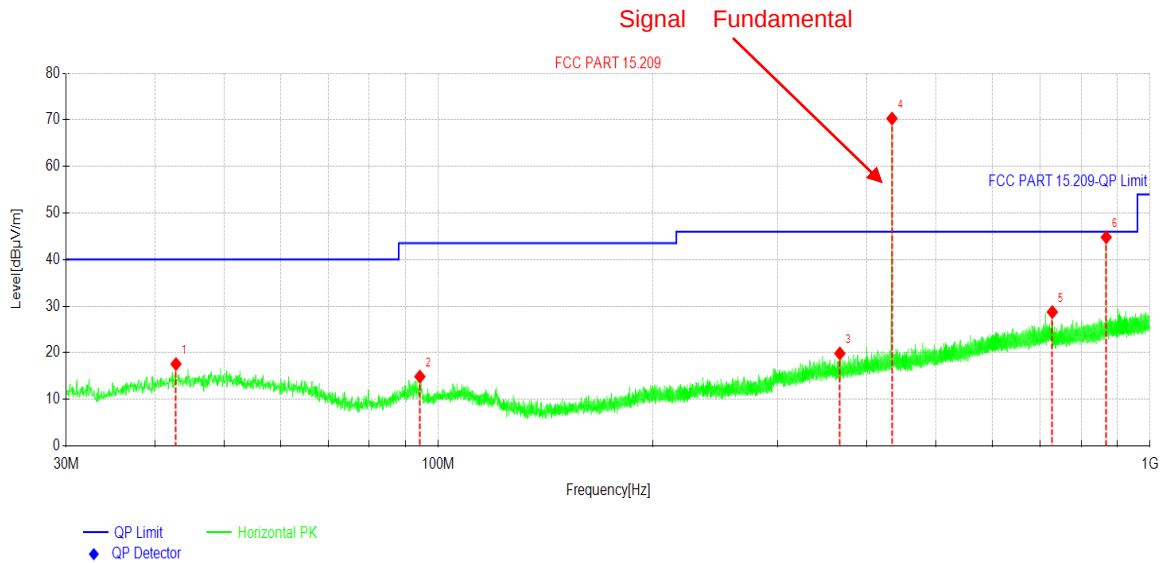
**Suspected Data List(Average)**

| NO. | Freq. [MHz] | PK Level (dBμV/m) | Duty cycle factor | Average value (dBμV/m) | Limit [dBμV/m] | Margin [dB] | Trace | Polarity |
|-----|-------------|-------------------|-------------------|------------------------|----------------|-------------|-------|----------|
| 1   | 433.928     | 74.82             | -11.35            | 63.47                  | 80.83          | 17.36       | AV    | Vertical |
| 2   | 867.879     | 37.29             | -11.35            | 25.94                  | 60.83          | 34.89       | AV    | Vertical |

**Remark:**

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

|                 |                   |                |            |
|-----------------|-------------------|----------------|------------|
| Product Name:   | Smart Key         | Product Model: | RT-NYO2004 |
| Test By:        | Kiran Zeng        | Test mode:     | Tx mode    |
| Test Frequency: | 30 MHz – 1000 MHz | Polarization:  | Horizontal |
| Test Voltage:   | DC 3V             |                |            |



## Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Trace | Polarity   |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|-------|------------|
| 1   | 42.8046     | 30.26            | -12.69      | 17.57          | 40.00          | 22.43       | PK    | Horizontal |
| 2   | 94.2172     | 30.10            | -15.23      | 14.87          | 43.50          | 28.63       | PK    | Horizontal |
| 3   | 366.6068    | 31.07            | -11.22      | 19.85          | 46.00          | 26.15       | PK    | Horizontal |
| 4   | 433.9282    | 80.09            | -9.81       | 70.28          | 100.83         | 30.55       | PK    | Horizontal |
| 5   | 728.9199    | 33.39            | -4.66       | 28.73          | 46.00          | 17.27       | PK    | Horizontal |
| 6   | 867.8794    | 47.61            | -2.82       | 44.79          | 80.83          | 36.04       | PK    | Horizontal |

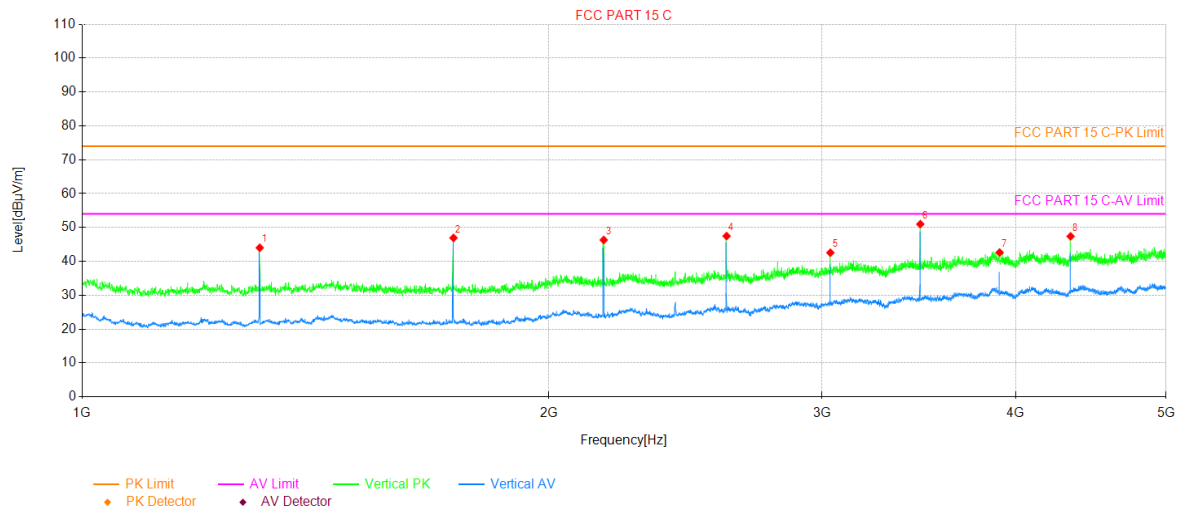
## Suspected Data List(Average)

| NO. | Freq. [MHz] | PK Level (dBμV/m) | Duty cycle factor | Average value (dBμV/m) | Limit [dBμV/m] | Margin [dB] | Trace | Polarity   |
|-----|-------------|-------------------|-------------------|------------------------|----------------|-------------|-------|------------|
| 1   | 433.928     | 70.28             | -11.35            | 58.93                  | 80.83          | 21.90       | AV    | Horizontal |
| 2   | 867.879     | 44.79             | -11.35            | 33.44                  | 60.83          | 27.39       | AV    | Horizontal |

## Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

|                 |                     |                |            |
|-----------------|---------------------|----------------|------------|
| Product Name:   | Smart Key           | Product Model: | RT-NYO2004 |
| Test By:        | Real Chen           | Test mode:     | Tx mode    |
| Test Frequency: | 1000 MHz – 5000 MHz | Polarization:  | Vertical   |
| Test Voltage:   | DC 3V               |                |            |



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Angle [°] | Detector | Verdict | Polarity |
|-----|-------------|----------------|---------------|----------------|----------------|-------------|-----------|----------|---------|----------|
| 1   | 1301.76     | 66.90          | -22.88        | 44.02          | 74.00          | 29.98       | 174       | PK       | PASS    | Vertical |
| 2   | 1735.68     | 69.42          | -22.50        | 46.92          | 80.83          | 33.91       | 209       | PK       | PASS    | Vertical |
| 3   | 2169.50     | 66.16          | -19.85        | 46.31          | 80.83          | 34.52       | 347       | PK       | PASS    | Vertical |
| 4   | 2603.50     | 64.58          | -17.12        | 47.46          | 80.83          | 33.37       | 292       | PK       | PASS    | Vertical |
| 5   | 3037.44     | 57.43          | -14.88        | 42.55          | 80.83          | 38.28       | 292       | PK       | PASS    | Vertical |
| 6   | 3471.36     | 63.32          | -12.33        | 50.99          | 80.83          | 29.84       | 298       | PK       | PASS    | Vertical |
| 7   | 3905.28     | 51.69          | -9.07         | 42.62          | 74.00          | 31.38       | 319       | PK       | PASS    | Vertical |
| 8   | 4339.20     | 56.10          | -8.71         | 47.39          | 74.00          | 26.61       | 126       | PK       | PASS    | Vertical |

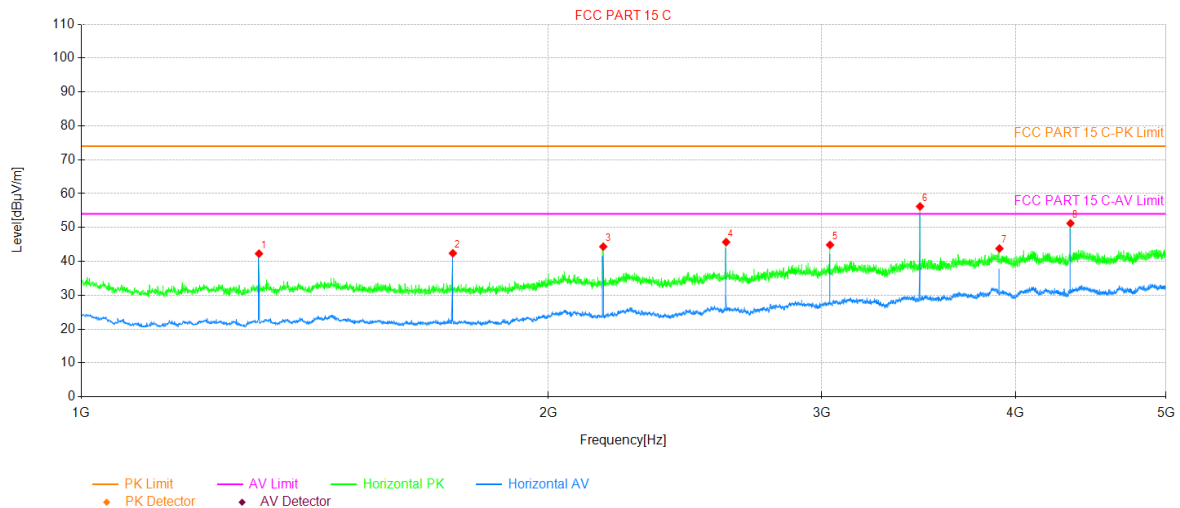
### Suspected Data List(Average)

| NO. | Freq. [MHz] | PK Level [dBμV/m] | Duty cycle factor | Average value [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Verdict | Polarity |
|-----|-------------|-------------------|-------------------|------------------------|----------------|-------------|----------|---------|----------|
| 1   | 1301.76     | 44.02             | -11.35            | 32.67                  | 54.00          | 21.33       | AV       | PASS    | Vertical |
| 2   | 1735.68     | 46.92             | -11.35            | 35.57                  | 60.83          | 25.26       | AV       | PASS    | Vertical |
| 3   | 2169.50     | 46.31             | -11.35            | 34.96                  | 60.83          | 25.87       | AV       | PASS    | Vertical |
| 4   | 2603.50     | 47.46             | -11.35            | 36.11                  | 60.83          | 24.72       | AV       | PASS    | Vertical |
| 5   | 3037.44     | 42.55             | -11.35            | 31.20                  | 60.83          | 29.63       | AV       | PASS    | Vertical |
| 6   | 3471.36     | 50.99             | -11.35            | 39.64                  | 60.83          | 21.19       | AV       | PASS    | Vertical |
| 7   | 3905.28     | 42.62             | -11.35            | 31.27                  | 54.00          | 22.73       | AV       | PASS    | Vertical |
| 8   | 4339.20     | 47.39             | -11.35            | 36.04                  | 54.00          | 17.96       | AV       | PASS    | Vertical |

### Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

|                 |                     |                |            |
|-----------------|---------------------|----------------|------------|
| Product Name:   | Smart Key           | Product Model: | RT-NYO2004 |
| Test By:        | Real Chen           | Test mode:     | Tx mode    |
| Test Frequency: | 1000 MHz – 5000 MHz | Polarization:  | Horizontal |
| Test Voltage:   | DC 3V               |                |            |



## Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Angle [°] | Detector | Verdict | Polarity   |
|-----|-------------|----------------|---------------|----------------|----------------|-------------|-----------|----------|---------|------------|
| 1   | 1301.76     | 65.15          | -22.88        | 42.27          | 74.00          | 31.73       | 200       | PK       | PASS    | Horizontal |
| 2   | 1735.68     | 64.89          | -22.50        | 42.39          | 80.83          | 38.44       | 193       | PK       | PASS    | Horizontal |
| 3   | 2169.50     | 64.19          | -19.85        | 44.34          | 80.83          | 36.49       | 261       | PK       | PASS    | Horizontal |
| 4   | 2603.52     | 62.82          | -17.12        | 45.70          | 80.83          | 35.13       | 48        | PK       | PASS    | Horizontal |
| 5   | 3037.44     | 59.74          | -14.88        | 44.86          | 80.83          | 35.97       | 344       | PK       | PASS    | Horizontal |
| 6   | 3471.36     | 68.54          | -12.33        | 56.21          | 80.83          | 24.62       | 357       | PK       | PASS    | Horizontal |
| 7   | 3905.28     | 52.86          | -9.07         | 43.79          | 74.00          | 30.21       | 323       | PK       | PASS    | Horizontal |
| 8   | 4339.20     | 59.93          | -8.71         | 51.22          | 74.00          | 22.78       | 323       | PK       | PASS    | Horizontal |

## Suspected Data List(Average)

| NO. | Freq. [MHz] | PK Level (dBμV/m) | Duty cycle factor | Average value (dBμV/m) | Limit [dBμV/m] | Margin [dB] | Detector | Verdict | Polarity   |
|-----|-------------|-------------------|-------------------|------------------------|----------------|-------------|----------|---------|------------|
| 1   | 1301.76     | 42.27             | -11.35            | 30.92                  | 54.00          | 23.08       | AV       | PASS    | Horizontal |
| 2   | 1735.68     | 42.39             | -11.35            | 31.04                  | 60.83          | 29.79       | AV       | PASS    | Horizontal |
| 3   | 2169.50     | 44.34             | -11.35            | 32.99                  | 60.83          | 27.84       | AV       | PASS    | Horizontal |
| 4   | 2603.52     | 45.70             | -11.35            | 34.35                  | 60.83          | 26.48       | AV       | PASS    | Horizontal |
| 5   | 3037.44     | 44.86             | -11.35            | 33.51                  | 60.83          | 27.32       | AV       | PASS    | Horizontal |
| 6   | 3471.36     | 56.21             | -11.35            | 44.86                  | 60.83          | 15.97       | AV       | PASS    | Horizontal |
| 7   | 3905.28     | 43.79             | -11.35            | 32.44                  | 54.00          | 21.56       | AV       | PASS    | Horizontal |
| 8   | 4339.20     | 51.22             | -11.35            | 39.87                  | 54.00          | 14.13       | AV       | PASS    | Horizontal |

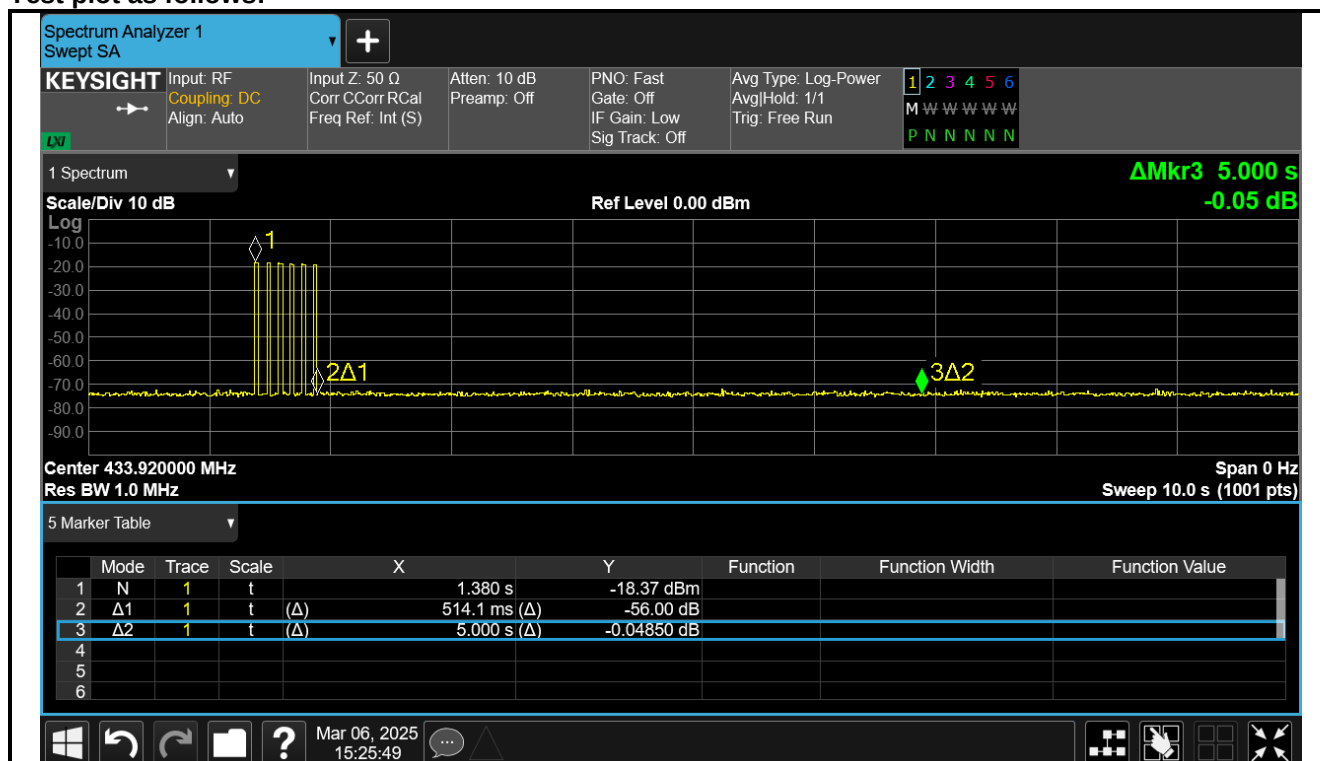
## Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

## 5.6 Duration Time

| Measurement monitoring                                                                      | Result |
|---------------------------------------------------------------------------------------------|--------|
| The EUT automatically deactivate the transmitter within 5 seconds of switch being released. | Pass   |

Test plot as follows:



-----End of report-----