

# FCC RF Test Report

**Report No.:** JYTSZ-R12-2401501

**Applicant:** Green Start Industries LLC

**Address of Applicant:** 3305 Fairmount Ave PO BOX 2069 Ocean NJ 07712, USA

**Equipment Under Test (EUT)**

Product Name: Remote head key

Model No.: RK-1TA

Trade Mark: N/A

**FCC ID:** 2AOVX-HD1

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

**Date of Sample Receipt:** 18 Nov., 2024

**Date of Test:** 19 Nov., to 11 Dec., 2024

**Date of Report Issue:** 12 Dec., 2024

**Test Result:** PASS

**Tested by:** \_\_\_\_\_

**Date:** 12 Dec., 2024

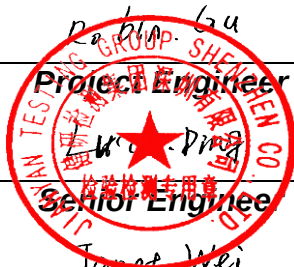
**Reviewed by:** \_\_\_\_\_

**Date:** 12 Dec., 2024

**Approved by:** \_\_\_\_\_

**Date:** 12 Dec., 2024

**Manager**



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.

This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

1 Version

| Version No. | Date          | Description |
|-------------|---------------|-------------|
| 00          | 12 Dec., 2024 | Original    |
|             |               |             |
|             |               |             |
|             |               |             |
|             |               |             |

## 2 Contents

Page

|                                                                   |           |
|-------------------------------------------------------------------|-----------|
| <b>Cover Page</b> .....                                           | <b>1</b>  |
| <b>1 Version</b> .....                                            | <b>2</b>  |
| <b>2 Contents</b> .....                                           | <b>3</b>  |
| <b>3 General Information</b> .....                                | <b>4</b>  |
| 3.1 Client Information .....                                      | 4         |
| 3.2 General Description of E.U.T. ....                            | 4         |
| 3.3 Test Mode and Environment .....                               | 5         |
| 3.4 Description of Test Auxiliary Equipment .....                 | 5         |
| 3.5 Measurement Uncertainty .....                                 | 5         |
| 3.6 Additions to, Deviations, or Exclusions From the Method ..... | 5         |
| 3.7 Laboratory Facility .....                                     | 5         |
| 3.8 Laboratory Location .....                                     | 6         |
| 3.9 Test Instruments List .....                                   | 6         |
| <b>4 Measurement Setup and Procedure</b> .....                    | <b>8</b>  |
| 4.1 Test Setup .....                                              | 8         |
| 4.2 Test Procedure .....                                          | 9         |
| <b>5 Test Results</b> .....                                       | <b>10</b> |
| 5.1 Summary .....                                                 | 10        |
| 5.1.1 Clause and Data Summary .....                               | 10        |
| 5.1.2 Test Limit .....                                            | 11        |
| 5.2 Antenna Requirement .....                                     | 12        |
| 5.3 20dB Bandwidth .....                                          | 13        |
| 5.4 Field Strength of Fundamental .....                           | 14        |
| 5.5 Field Strength of Spurious Emissions .....                    | 16        |
| 5.6 Duration Time .....                                           | 20        |

### 3 General Information

#### 3.1 Client Information

|               |                                                    |
|---------------|----------------------------------------------------|
| Applicant:    | Green Start Industries LLC                         |
| Address:      | 3305 Fairmount Ave PO BOX 2069 Ocean NJ 07712, USA |
| Manufacturer: | Green Start Industries LLC                         |
| Address:      | 3305 Fairmount Ave PO BOX 2069 Ocean NJ 07712, USA |

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

|                        |                                                                               |
|------------------------|-------------------------------------------------------------------------------|
| Product Name:          | Remote head key                                                               |
| Model No.:             | RK-1TA                                                                        |
| Operation Frequency:   | 433.92 MHz                                                                    |
| Channel Numbers:       | 1                                                                             |
| Modulation Type:       | FSK                                                                           |
| Antenna Type:          | PCB Antenna                                                                   |
| Antenna Gain:          | -11.25 dBi (declare by Applicant)                                             |
| Power Supply:          | DC 3V                                                                         |
| 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:                                                                                                                                                                                                                                      | Robin Gu (Conducted measurement)<br>Alan Chen, 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 (30MHz ~ 200MHz) (3m SAC)                                                                                                                                                                                                                                                                            | 4.6 dB                                                  |
| Radiated Emission (200MHz ~ 1000MHz) (3m SAC)                                                                                                                                                                                                                                                                          | 5.8 dB                                                  |
| Radiated Emission (1GHz ~ 6GHz) (3m FAR)                                                                                                                                                                                                                                                                               | 4.95 dB                                                 |
| Radiated Emission (6GHz ~ 18GHz) (3m FAR)                                                                                                                                                                                                                                                                              | 5.23 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               |
| BiConiLog Antenna            | Schwarzbeck     | VULB9163        | WXJ002           | 01-09-2024           | 01-08-2025               |
| Horn Antenna                 | Schwarzbeck     | BBHA9120D       | WXJ002-2         | 01-05-2024           | 01-04-2025               |
| Pre-amplifier (30MHz ~ 1GHz) | Schwarzbeck     | BBV9743B        | WXJ001-2         | 12-27-2023           | 12-26-2024               |
| Pre-amplifier (1GHz ~ 18GHz) | SKET            | LNPA_0118G-50   | WXJ001-3         | 12-27-2023           | 12-26-2024               |
| EMI Test Receiver            | Rohde & Schwarz | ESRP7           | WXJ003-1         | 12-27-2023           | 12-26-2024               |
| Spectrum Analyzer            | Rohde & Schwarz | FSP 30          | WXJ004           | 12-27-2023           | 12-26-2024               |
| Coaxial Cable (30MHz ~ 1GHz) | JYTSZ           | JYT3M-1G-NN-8M  | WXG001-4         | 01-17-2024           | 01-16-2025               |
| Coaxial Cable (1GHz ~ 18GHz) | JYTSZ           | JYT3M-18G-NN-8M | WXG001-5         | 01-17-2024           | 01-16-2025               |
| 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       | 12-28-2023           | 12-27-2024               |
| Horn Antenna                  | Schwarzbeck     | BBHA9170        | WXJ002-5       | 12-28-2023           | 12-27-2024               |
| Horn Antenna                  | Schwarzbeck     | BBHA9170        | WXJ002-6       | 12-28-2023           | 12-27-2024               |
| 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       | 12-28-2023           | 12-27-2024               |
| EMI Test Receiver             | Rohde & Schwarz | ESCI3           | WXJ003         | 12-27-2023           | 12-26-2024               |
| Spectrum Analyzer             | Rohde & Schwarz | FSP 30          | WXJ004         | 12-27-2023           | 12-26-2024               |
| 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 |                      |                          |

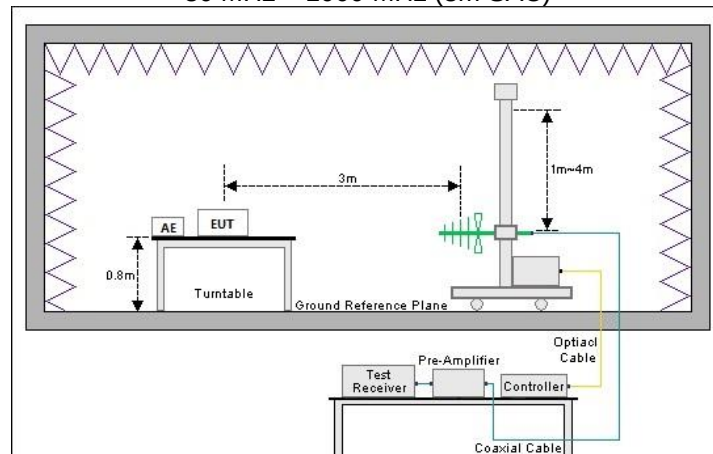
| Conducted Method: |              |           |            |                      |                          |
|-------------------|--------------|-----------|------------|----------------------|--------------------------|
| Test Equipment    | Manufacturer | Model No. | Manage No. | Cal. Date (mm-dd-yy)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

## 4 Measurement Setup and Procedure

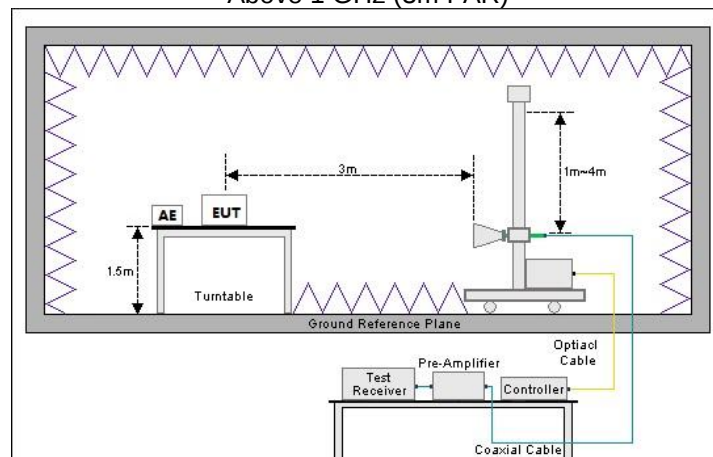
### 4.1 Test Setup

Radiated emission measurement:

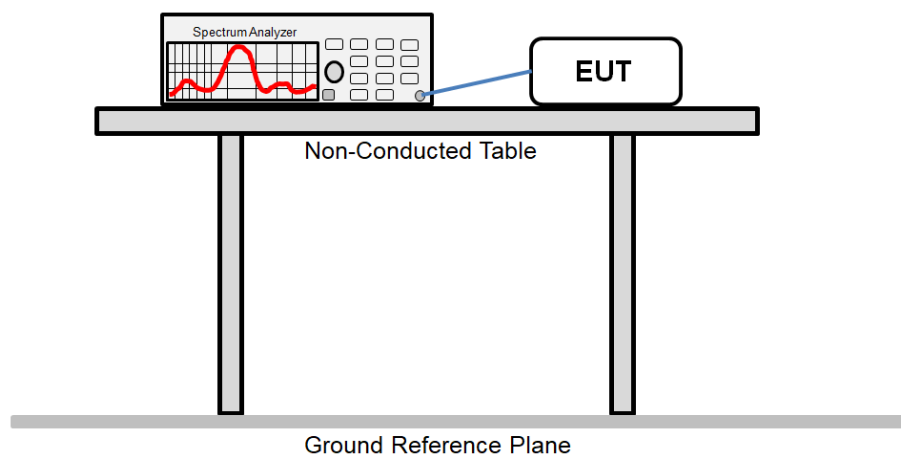
30 MHz – 1000 MHz (3m SAC)



Above 1 GHz (3m FAR)



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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                         |                                                  |                                                         |               |      |     |                |      |     |                 |                           |                         |                 |      |     |                 |                            |                          |              |       |      |                 |                     |          |         |      |            |          |      |            |           |      |            |            |      |            |           |                     |  |         |       |             |      |      |

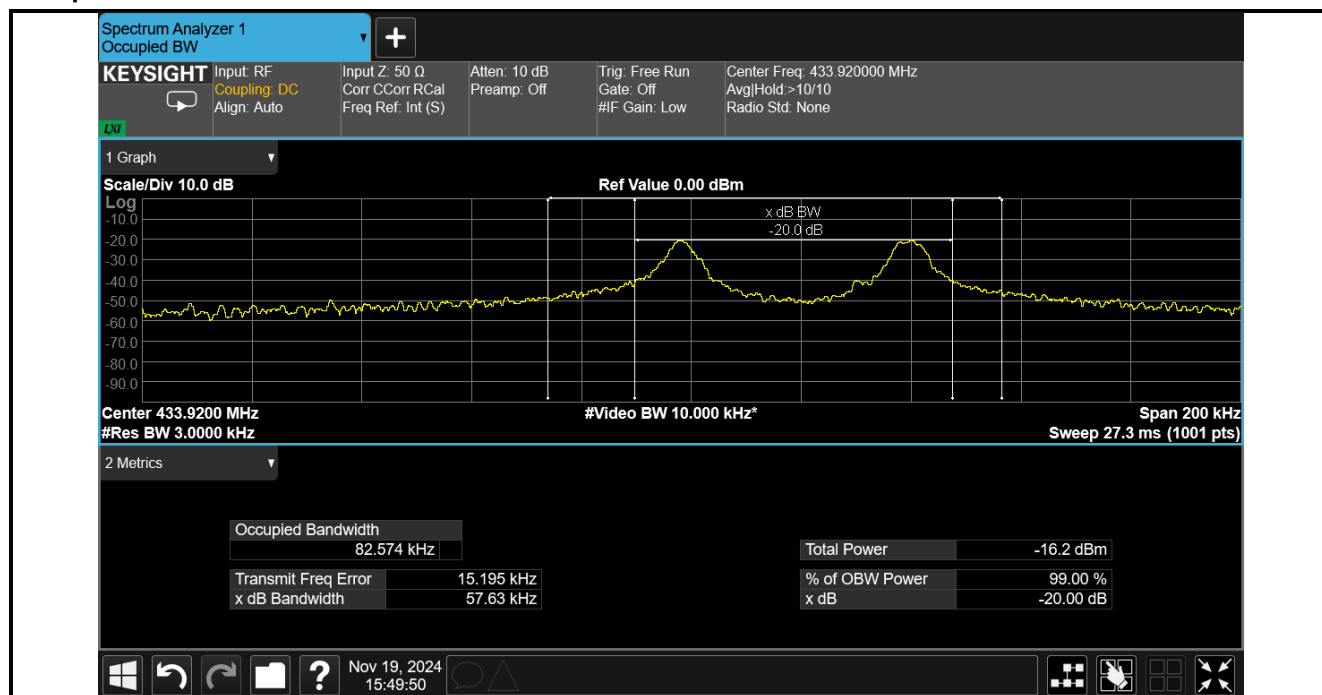
## 5.2 Antenna Requirement

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <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 a PCB Antenna which cannot replace by end-user. See product internal photos for details.                                                                                                                                                                                                                                                                                                                                                                   |                             |

## 5.3 20dB Bandwidth

| 20dB bandwidth (MHz)                                                     | Limit (MHz) | Results |
|--------------------------------------------------------------------------|-------------|---------|
| 0.05763                                                                  | 1.0848      | Passed  |
| <b>Note:</b> Limit = Fundamental frequency×0.25%=433.92×0.25%=1.0848MHz. |             |         |

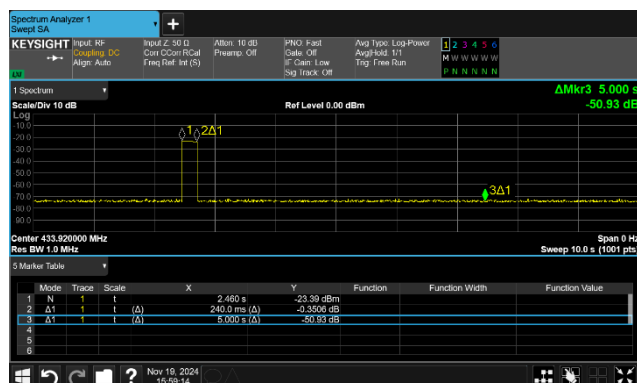
Test plot as follows:



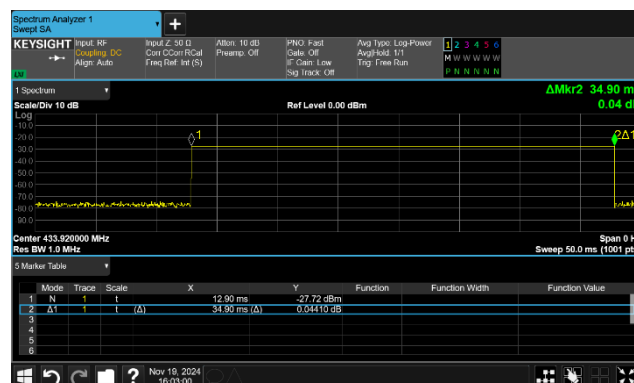
## 5.4 Field Strength of Fundamental

| Peak value      |                   |                   |                        |                |             |              |
|-----------------|-------------------|-------------------|------------------------|----------------|-------------|--------------|
| Frequency (MHz) | Read level (dBuV) | Factor (dB)       | Level (dBuV/m)         | Limit (dBuV/m) | Margin (dB) | Polarization |
| 433.9484        | 78.22             | -10.09            | 68.13                  | 100.83         | 32.70       | Vertical     |
| 433.9484        | 83.17             | -10.09            | 73.08                  | 100.83         | 27.75       | Horizontal   |
| Average value   |                   |                   |                        |                |             |              |
| Frequency (MHz) | Level (dBuV/m)    | Duty cycle factor | Average value (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Polarization |
| 433.9484        | 68.13             | 0.00              | 68.13                  | 80.83          | 12.70       | Vertical     |
| 433.9484        | 73.08             | 0.00              | 73.08                  | 80.83          | 7.75        | Horizontal   |

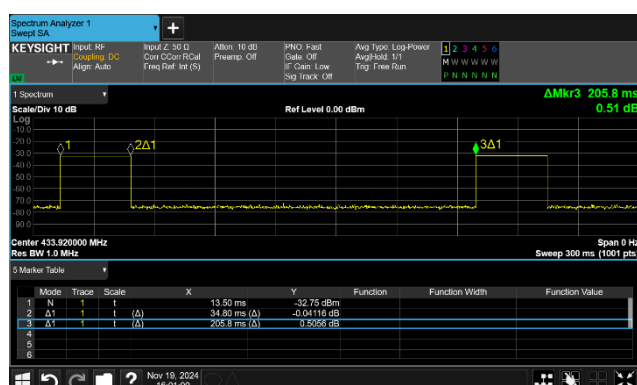
T period:



T 50ms:

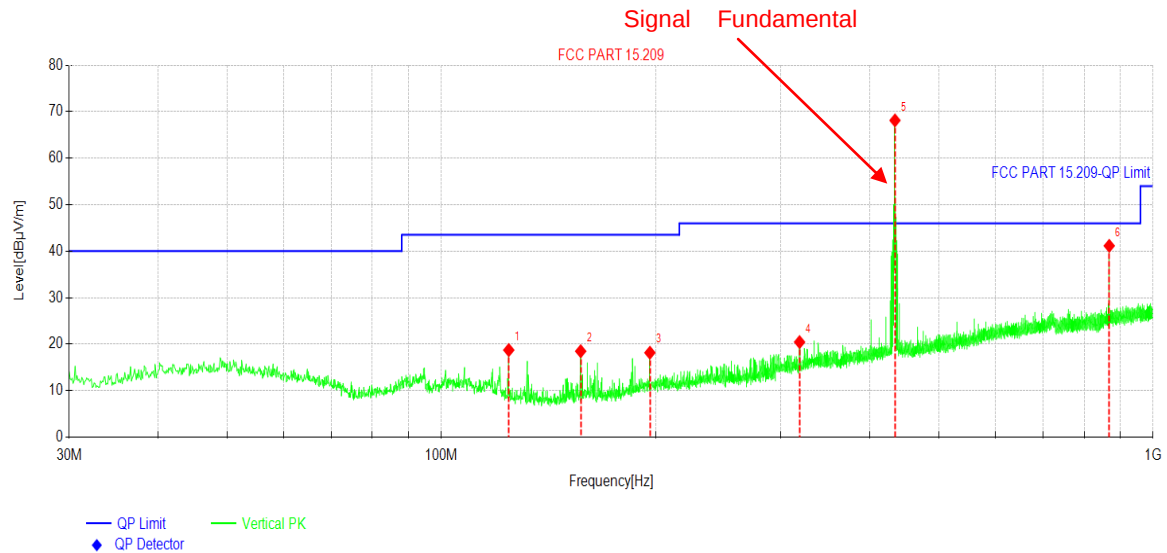


T 300ms:



## 5.5 Field Strength of Spurious Emissions

|                 |                   |                |          |
|-----------------|-------------------|----------------|----------|
| Product Name:   | Remote head key   | Product Model: | RK-1TA   |
| Test By:        | Alan Chen         | 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   | 124.3904    | 36.08            | -17.35      | 18.73          | 43.50          | 24.77       | PK    | Vertical |
| 2   | 156.9857    | 36.40            | -17.92      | 18.48          | 43.50          | 25.02       | PK    | Vertical |
| 3   | 196.3716    | 33.52            | -15.36      | 18.16          | 43.50          | 25.34       | PK    | Vertical |
| 4   | 318.7009    | 33.21            | -12.77      | 20.44          | 46.00          | 25.56       | PK    | Vertical |
| 5   | 433.9484    | 78.22            | -10.09      | 68.13          | 100.83         | 32.70       | PK    | Vertical |
| 6   | 867.8728    | 44.22            | -3.07       | 41.15          | 80.83          | 39.68       | PK    | Vertical |

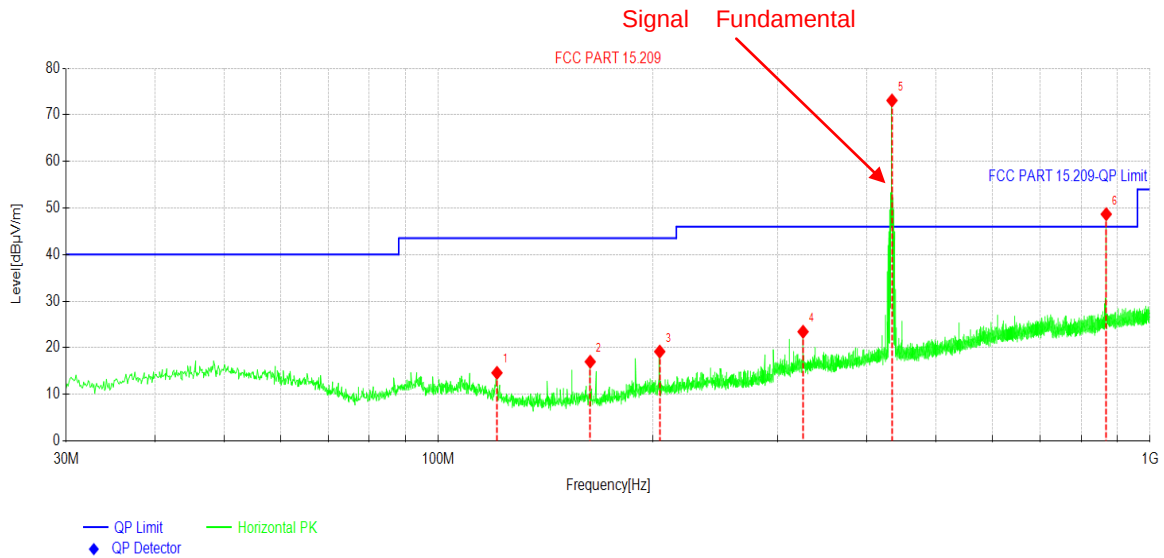
### Suspected Data List(Average)

| NO. | Freq. [MHz] | PK Level (dBμV/m) | Duty cycle factor | Average value (dBμV/m) | Limit [dBμV/m] | Margin [dB] | Trace | Polarity |
|-----|-------------|-------------------|-------------------|------------------------|----------------|-------------|-------|----------|
| 1   | 433.9484    | 68.13             | 0.00              | 68.13                  | 80.83          | 12.70       | AV    | Vertical |
| 2   | 867.8728    | 41.15             | 0.00              | 41.15                  | 60.83          | 19.68       | AV    | Vertical |

### Remark:

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

|                 |                   |                |            |
|-----------------|-------------------|----------------|------------|
| Product Name:   | Remote head key   | Product Model: | RK-1TA     |
| Test By:        | Alan Chen         | 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   | 120.8981    | 31.29            | -16.69      | 14.60          | 43.50          | 28.90       | PK    | Horizontal |
| 2   | 163.4853    | 34.70            | -17.71      | 16.99          | 43.50          | 26.51       | PK    | Horizontal |
| 3   | 204.7145    | 34.48            | -15.31      | 19.17          | 43.50          | 24.33       | PK    | Horizontal |
| 4   | 325.4915    | 35.83            | -12.40      | 23.43          | 46.00          | 22.57       | PK    | Horizontal |
| 5   | 433.9484    | 83.17            | -10.09      | 73.08          | 100.83         | 27.75       | PK    | Horizontal |
| 6   | 867.8728    | 51.74            | -3.07       | 48.67          | 80.83          | 32.16       | PK    | Horizontal |

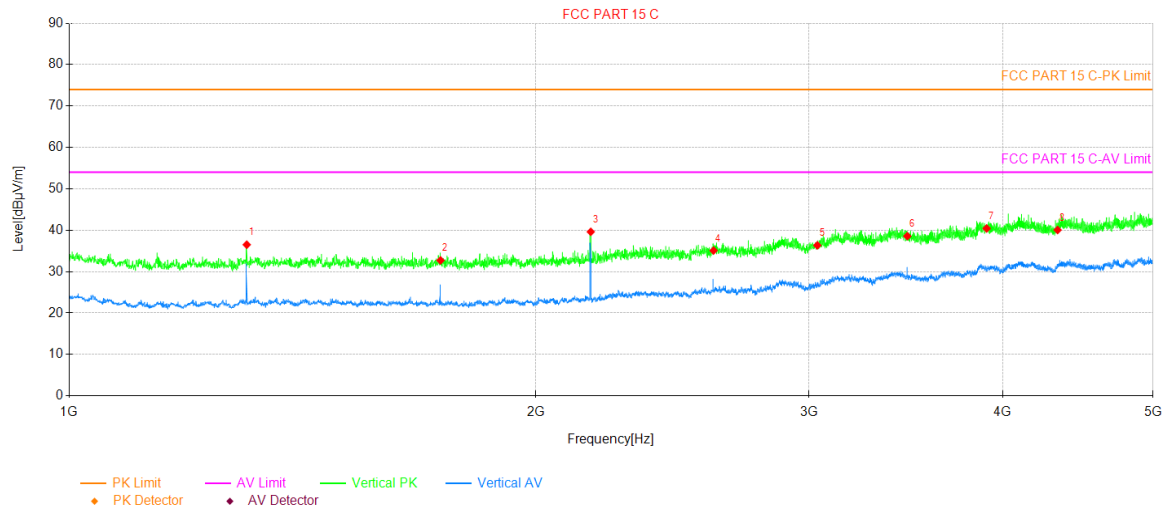
## Suspected Data List(Average)

| NO. | Freq. [MHz] | PK Level (dBμV/m) | Duty cycle factor | Average value (dBμV/m) | Limit [dBμV/m] | Margin [dB] | Trace | Polarity   |
|-----|-------------|-------------------|-------------------|------------------------|----------------|-------------|-------|------------|
| 1   | 433.9484    | 73.08             | 0.00              | 73.08                  | 80.83          | 7.75        | AV    | Horizontal |
| 2   | 867.8728    | 48.67             | 0.00              | 48.67                  | 60.83          | 12.16       | AV    | Horizontal |

## Remark:

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

|                 |                     |                |          |
|-----------------|---------------------|----------------|----------|
| Product Name:   | Remote head key     | Product Model: | RK-1TA   |
| Test By:        | Real Chen           | Test mode:     | Tx mode  |
| Test Frequency: | 1000 MHz – 4000 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     | 59.19          | -22.68        | 36.51          | 74.00          | 37.49       | 358       | PK       | PASS    | Vertical |
| 2   | 1735.68     | 55.12          | -22.40        | 32.72          | 80.83          | 48.11       | 312       | PK       | PASS    | Vertical |
| 3   | 2169.60     | 60.22          | -20.60        | 39.62          | 80.83          | 41.21       | 250       | PK       | PASS    | Vertical |
| 4   | 2603.52     | 52.71          | -17.61        | 35.10          | 80.83          | 45.73       | 354       | PK       | PASS    | Vertical |
| 5   | 3037.44     | 52.10          | -15.75        | 36.35          | 80.83          | 44.48       | 298       | PK       | PASS    | Vertical |
| 6   | 3471.36     | 51.02          | -12.45        | 38.57          | 80.83          | 42.26       | 124       | PK       | PASS    | Vertical |
| 7   | 3905.28     | 49.72          | -9.29         | 40.43          | 74.00          | 33.57       | 34        | PK       | PASS    | Vertical |
| 8   | 4339.20     | 48.58          | -8.51         | 40.07          | 74.00          | 33.93       | 179       | PK       | PASS    | Vertical |

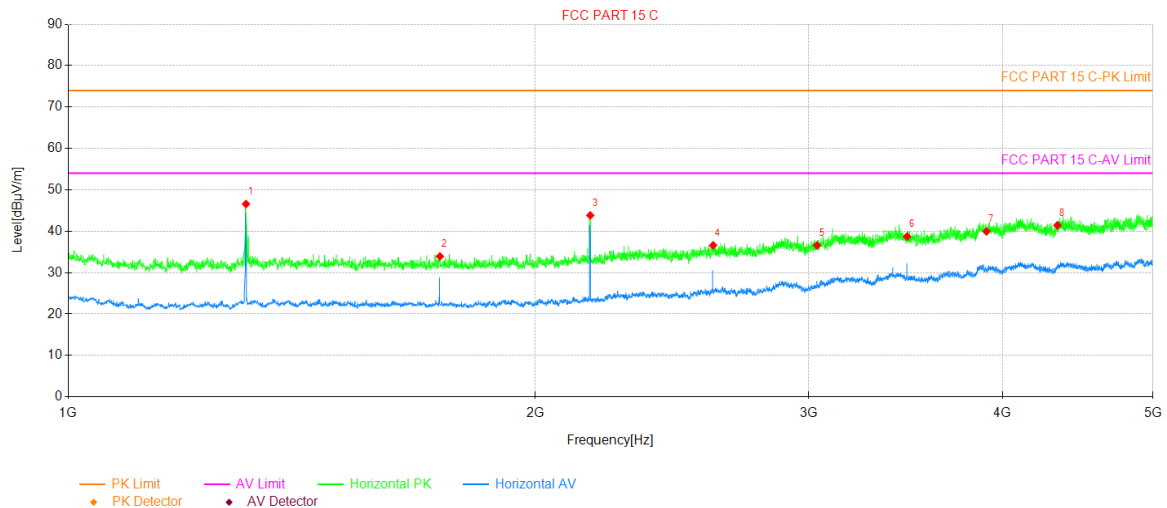
## Suspected Data List(Average)

| 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     | 36.51             | 0.00              | 36.51                  | 54.00          | 17.49       | AV       | PASS    | Vertical |
| 2   | 1735.68     | 32.72             | 0.00              | 32.72                  | 60.83          | 28.11       | AV       | PASS    | Vertical |
| 3   | 2169.60     | 39.62             | 0.00              | 39.62                  | 60.83          | 21.21       | AV       | PASS    | Vertical |
| 4   | 2603.52     | 35.10             | 0.00              | 35.10                  | 60.83          | 25.73       | AV       | PASS    | Vertical |
| 5   | 3037.44     | 36.35             | 0.00              | 36.35                  | 60.83          | 24.48       | AV       | PASS    | Vertical |
| 6   | 3471.36     | 38.57             | 0.00              | 38.57                  | 60.83          | 22.26       | AV       | PASS    | Vertical |
| 7   | 3905.28     | 40.43             | 0.00              | 40.43                  | 54.00          | 13.57       | AV       | PASS    | Vertical |
| 8   | 4339.20     | 40.07             | 0.00              | 40.07                  | 54.00          | 13.93       | AV       | PASS    | Vertical |

## Remark:

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

|                 |                     |                |            |
|-----------------|---------------------|----------------|------------|
| Product Name:   | Remote head key     | Product Model: | RK-1TA     |
| Test By:        | Real Chen           | Test mode:     | Tx mode    |
| Test Frequency: | 1000 MHz – 4000 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     | 69.26          | -22.68        | 46.58          | 74.00          | 27.42       | 68        | PK       | PASS    | Horizontal |
| 2   | 1735.68     | 56.33          | -22.40        | 33.93          | 80.83          | 46.90       | 75        | PK       | PASS    | Horizontal |
| 3   | 2169.60     | 64.43          | -20.60        | 43.83          | 80.83          | 37.00       | 47        | PK       | PASS    | Horizontal |
| 4   | 2603.52     | 54.22          | -17.61        | 36.61          | 80.83          | 44.22       | 13        | PK       | PASS    | Horizontal |
| 5   | 3037.44     | 52.34          | -15.75        | 36.59          | 80.83          | 44.24       | 2         | PK       | PASS    | Horizontal |
| 6   | 3471.36     | 51.17          | -12.45        | 38.72          | 80.83          | 42.11       | 186       | PK       | PASS    | Horizontal |
| 7   | 3905.28     | 49.25          | -9.29         | 39.96          | 74.00          | 34.04       | 96        | PK       | PASS    | Horizontal |
| 8   | 4339.20     | 49.95          | -8.51         | 41.44          | 74.00          | 32.56       | 255       | 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     | 46.58             | 0.00              | 46.58                  | 54.00          | 7.42        | AV       | PASS    | Horizontal |
| 2   | 1735.68     | 33.93             | 0.00              | 33.93                  | 60.83          | 26.90       | AV       | PASS    | Horizontal |
| 3   | 2169.60     | 43.83             | 0.00              | 43.83                  | 60.83          | 17.00       | AV       | PASS    | Horizontal |
| 4   | 2603.52     | 36.61             | 0.00              | 36.61                  | 60.83          | 24.22       | AV       | PASS    | Horizontal |
| 5   | 3037.44     | 36.59             | 0.00              | 36.59                  | 60.83          | 24.24       | AV       | PASS    | Horizontal |
| 6   | 3471.36     | 38.72             | 0.00              | 38.72                  | 60.83          | 22.11       | AV       | PASS    | Horizontal |
| 7   | 3905.28     | 39.96             | 0.00              | 39.96                  | 54.00          | 14.04       | AV       | PASS    | Horizontal |
| 8   | 4339.20     | 41.44             | 0.00              | 41.44                  | 54.00          | 12.56       | AV       | PASS    | Horizontal |

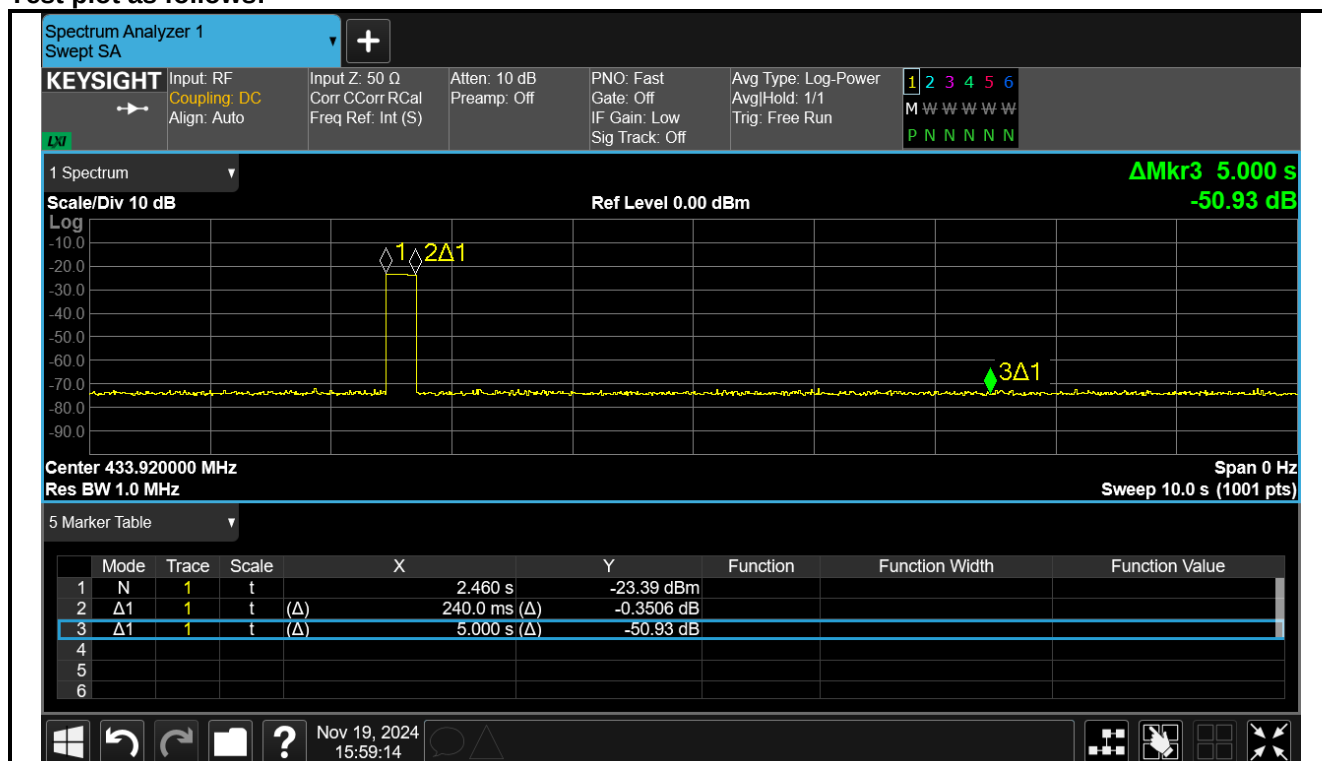
## Remark:

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-----