# FCC REPORT

| | |
|---|---|
| **Applicant:** | Green Start Industries LLC |
| **Address of Applicant:** | 3305 Fairmount Ave Ocean NJ USA |
| **Equipment Under Test (EUT)** | |
| Product Name: | keyless transmitter |
| Model No.: | 2AOVX-4B |
| **FCC ID:** | 2AOVX-N4 |
| **Applicable standards:** | FCC CFR Title 47 Part 15 Subpart C Section 15.231(a) |
| **Date of sample receipt:** | 13 Jul., 2018 |
| **Date of Test:** | 13 Jul., to 20 Jul., 2018 |
| **Date of report issue:** | 23 Jul., 2018 |
| **Test Result:** | PASS* |

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Bruce Zhang
Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the CCIS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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# 2 Version

| Version No. | Date | Description |
|---|---|---|
| *00* | *23 Jul., 2018* | *Original* |
| | | |
| | | |
| | | |
| | | |

***Prepared By:*** Zora Lee ***Date:*** *23 Jul., 2018*

***Test Engineer***

***Check By:*** Winner Zhang ***Date:*** *23 Jul., 2018*

***Project Engineer***

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# 4 Test Summary

| Test Item | Section in CFR 47 | Result |
|---|---|---|
| Antenna requirement | 15.203 | Pass |
| Field strength of the fundamental signal | 15.231 (b) | Pass |
| Spurious emissions | 15.231 (b)/15.209 | Pass |
| 20dB Bandwidth | 15.231 (c) | Pass |
| Dwell time | 15.231 (a1) | Pass |
| Conducted Emission | 15.207 | N/A |

*Remarks:*
*N/A: The EUT not applicable of the test item.*
*Pass: The EUT complies with the essential requirements in the standard.*
*TEST ACCORDING TO ANSI C63.4:2014 AND ANSI C63.10:2013.*

# 5 General Information

## 5.1 Client Information

| | |
|---|---|
| Applicant: | Green Start Industries LLC |
| Address of Applicant: | 3305 Fairmount Ave Ocean NJ USA |
| Manufacturer: | Green Start Industries LLC |
| Address of Manufacturer: | 3305 Fairmount Ave Ocean NJ USA |

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

| | |
|---|---|
| Product Name: | keyless transmitter |
| Model No.: | 2AOVX-4B |
| Operation Frequency: | 433.92MHz |
| Channel numbers: | 1 |
| Modulation type: | ASK |
| Antenna Type: | PCB antenna |
| Antenna gain: | 0 dBi |
| Power supply: | DC 3V (CR2025 battery) |

## 5.3 Test mode

| | | | |
|---|---|---|---|
| Transmitting mode: | Keep the EUT in transmitting mode with modulation（new battery used） | | |
| **Pre-Test Mode:** | | | |
| CCIS has verified the construction and function in typical operation, The EUT was placed on three different polar directions; i.e. X axis, Y axis, Z axis. which was shown in this test report and defined as follows: | | | |
| Axis | X | Y | Z |
| Field Strength(dBuV/m) | 76.05 | 75.84 | 75.23 |
| **Final Test Mode:** | | | |
| According to ANSI C63.4 standards, the test results are both the “worst case” and “worst setup”: X axis (see the test setup photo) | | | |

## 5.4 Description of Support Units

| |
|---|
| N/A |

## 5.5 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **FCC - Registration No.: 727551**

Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been accredited as a testing laboratory by FCC (Federal Communications Commission). The Registration No. is 727551.

- **IC - Registration No.: 10106A-1**

The 3m Semi-anechoic chamber of Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

- **CNAS - Registration No.: CNAS L6048**

Shenzhen Zhongjian Nanfang Testing Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6048.

- **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf

## 5.6 Laboratory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd.
Address: No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road,
Bao'an District, Shenzhen, Guangdong, China
Tel: +86-755-23118282, Fax: +86-755-23116366
Email: info@ccis-cb.com, Website: http://www.ccis-cb.com

## 5.7 Measurement Uncertainty

| Parameters | Expanded Uncertainty |
|---|---|
| Conducted Emission (9kHz ~ 30MHz) | ±2.22 dB (k=2) |
| Radiated Emission (9kHz ~ 30MHz) | ±2.76 dB (k=2) |
| Radiated Emission (30MHz ~ 1000MHz) | ±4.28 dB (k=2) |
| Radiated Emission (1GHz ~ 18GHz) | ±5.72 dB (k=2) |
| Radiated Emission (18GHz ~ 40GHz) | ±2.88 dB (k=2) |

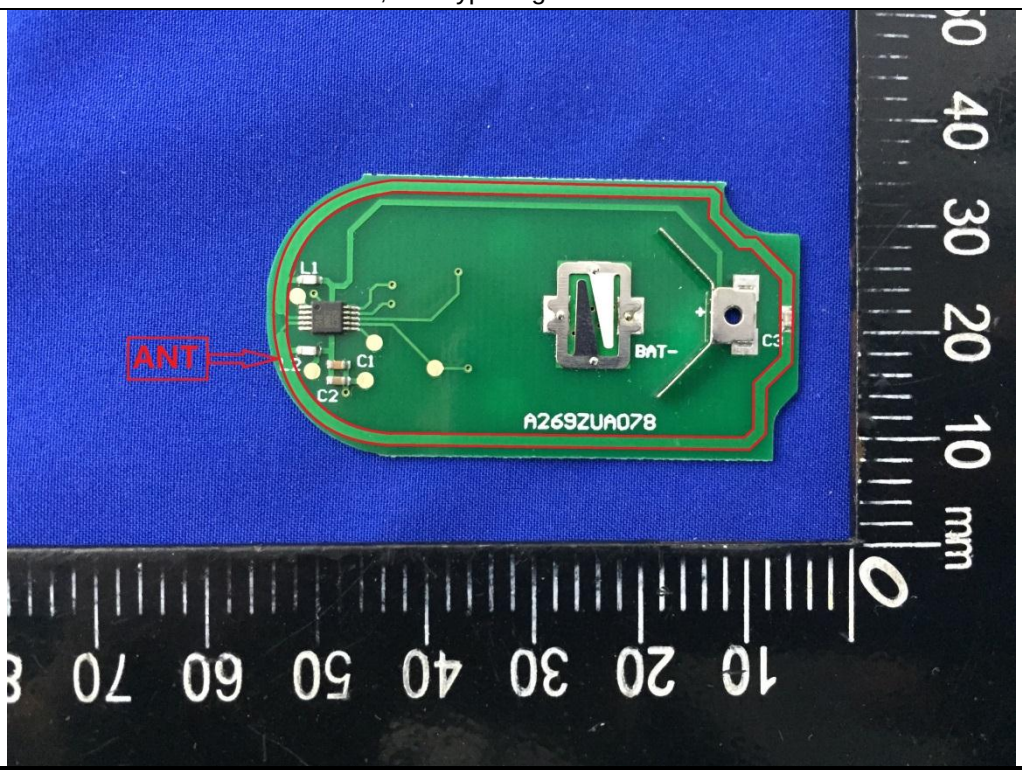
## 5.8 Test Instruments list

| Test Equipment | Manufacturer | Model No. | Inventory No. | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
|---|---|---|---|---|---|
| EMI Test Receiver | Rohde & Schwarz | ESCI | CCIS0002 | 03-07-2018 | 03-06-2019 |
| BiConiLog Antenna | SCHWARZBECK MESS-ELEKTRONIK | VULB9163 | CCIS0005 | 03-07-2018 | 03-06-2019 |
| Double-ridged waveguide horn antenna | SCHWARZBECK MESS-ELEKTRONIK | BBHA9120D | CCIS0006 | 03-07-2018 | 03-06-2019 |
| Amplifier (10kHz-1.3GHz) | HP | 8447D | CCIS0003 | 03-07-2018 | 03-06-2019 |
| Amplifier (1GHz-18GHz) | Compliance Direction Systems Inc. | PAP-1G18 | CCIS0011 | 03-07-2018 | 03-06-2019 |
| Spectrum analyzer | Rohde & Schwarz | FSP | CCIS0023 | 03-07-2018 | 03-06-2019 |

# 6 Test results and Measurement Data

## 6.1 Antenna requirement

| Standard requirement: | FCC Part15 C Section 15.203 |
|---|---|
| 15.203 requirement:<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. | |
| **E.U.T Antenna:** | |
| The EUT make use of a PCB antenna, The typical gain of the antenna is 0dBi. | |



## 6.2 Radiated Emission

| | |
|---|---|
| Test Requirement: | FCC Part15 C Section 15.231(b) and 15.209 |
| Test Method: | ANSI C63.4:2014 ;ANSI C63.10:2013 |
| Test Frequency Range: | 30MHz to 5000MHz |
| Test site: | Measurement Distance: 3m (Semi-Anechoic Chamber) |

Receiver setup:

| Frequency | Detector | RBW | VBW | Remark |
|---|---|---|---|---|
| 30MHz-1GHz | Quasi-peak | 120kHz | 300kHz | Quasi-peak Value |
| Above 1GHz | Peak | 1MHz | 3MHz | Peak Value |

Limit:
(Field strength of the fundamental signal)

| Frequency | Limit (dBuV/m @3m) | Remark |
|---|---|---|
| 433.92MHz | 80.83 | Average Value |
| | 100.83 | Peak Value |

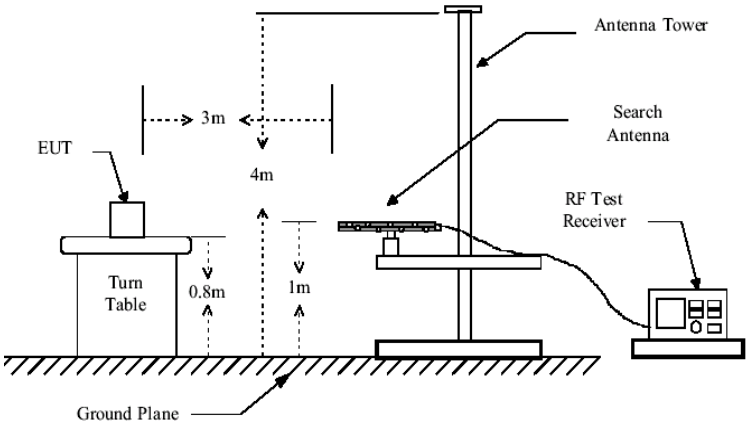
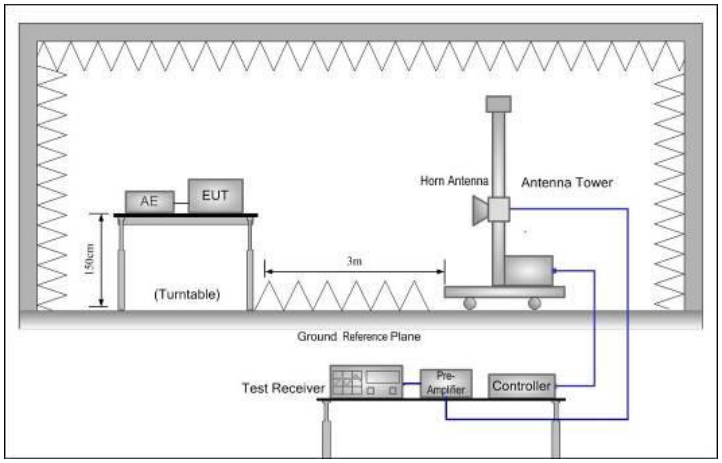
Limit:
(Spurious Emissions)

| Frequency | Limit (dBuV/m @3m) | Remark |
|---|---|---|
| 30MHz-88MHz | 40.0 | Quasi-peak Value |
| 88MHz-216MHz | 43.5 | Quasi-peak Value |
| 216MHz-960MHz | 46.0 | Quasi-peak Value |
| 960MHz-1GHz | 54.0 | Quasi-peak Value |
| Above 1GHz | 54.0 | Average Value |
| | 74.0 | Peak Value |

Or The maximum permitted unwanted emission level is 20 dB below the maximum permitted fundamental level whichever limit permits higher field strength.

Test Procedure:

a. The EUT was placed on the top of a rotating table 0.8m(below 1GHz) /1.5m(above 1GHz) above the ground at a 3 meter chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

| | |
|---|---|
| Test setup: | Below 1GHz<br>  <br><br>Above 1GHz<br>  <br> |
| Test Instruments: | Refer to section 5.7 for details |
| Test mode: | Refer to section 5.3 for details |
| Test results: | Pass |

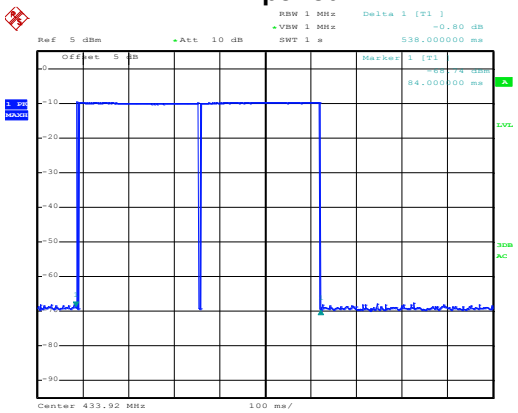
### 6.2.1 Field Strength Of The Fundamental Signal

| Peak value | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor(dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization |
| 433.92 | 49.31 | 15.91 | 3.16 | 0.00 | 68.38 | 100.83 | -32.45 | Vertical |
| 433.92 | 56.98 | 15.91 | 3.16 | 0.00 | 76.05 | 100.83 | -24.78 | Horizontoal |

| Average value | | | | | | |
|---|---|---|---|---|---|---|
| Frequency (MHz) | Level (dBuV/m) | Duty Cycle factor | Average value (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization |
| 433.92 | 68.38 | -5.58 | 62.80 | 80.83 | -18.03 | Vertical |
| 433.92 | 76.05 | -5.58 | 70.47 | 80.83 | -10.36 | Horizontal |

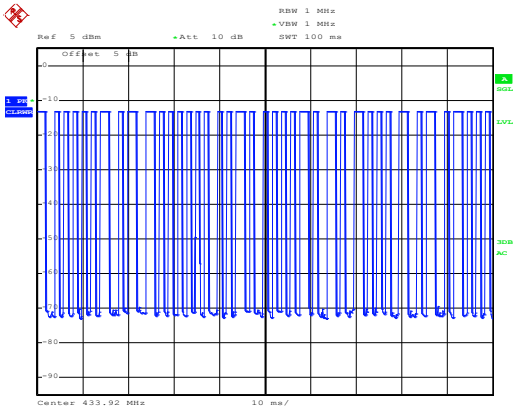
| | |
|---|---|
| Calculate Formula: | Average value=Peak value + Duty Cycle Factor |
| | Duty cycle factor = 20log(Duty cycle) |
| | Duty cycle = on time/100 milliseconds or period, whichever is less |
| Test data: | T on time =(11*2.04)(ms)+(29*1.04)(ms)=52.60(ms) |
| | T period =538(ms)>100(ms) |
| | Duty cycle =52.60% |
| | Duty cycle factor = 20log(Duty cycle) =-5.58 |

**T period:**




Date: 16.JUL.2018 15:27:53

**T 100ms:**

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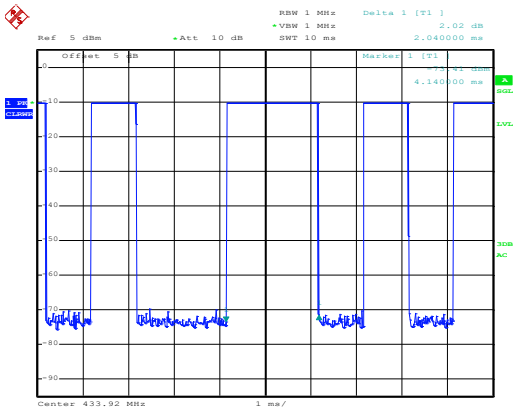
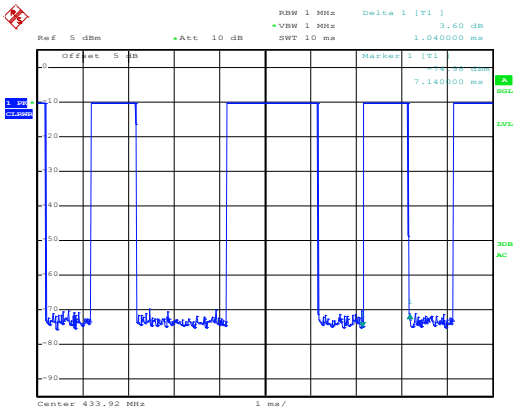
**T on time slot-1:**




Date: 16.JUL.2018 15:31:14

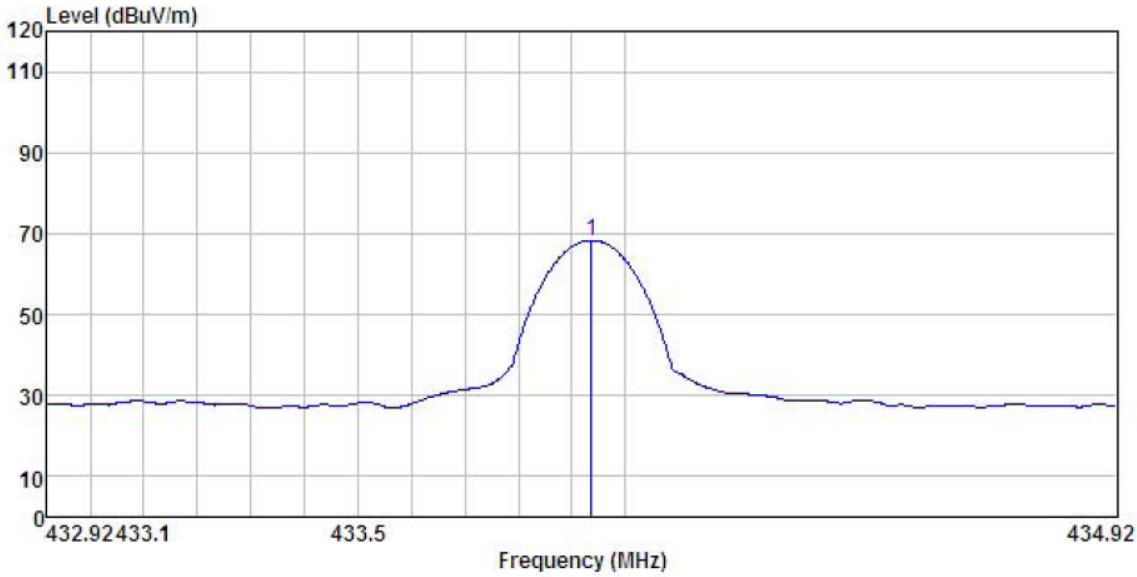
**T on time slot-2:**




Date: 16.JUL.2018 15:31:59

**Test Plots:**

| **Test Frequency:** | 433.92MHz | **Polarization:** | Vertical |
|---|---|---|---|



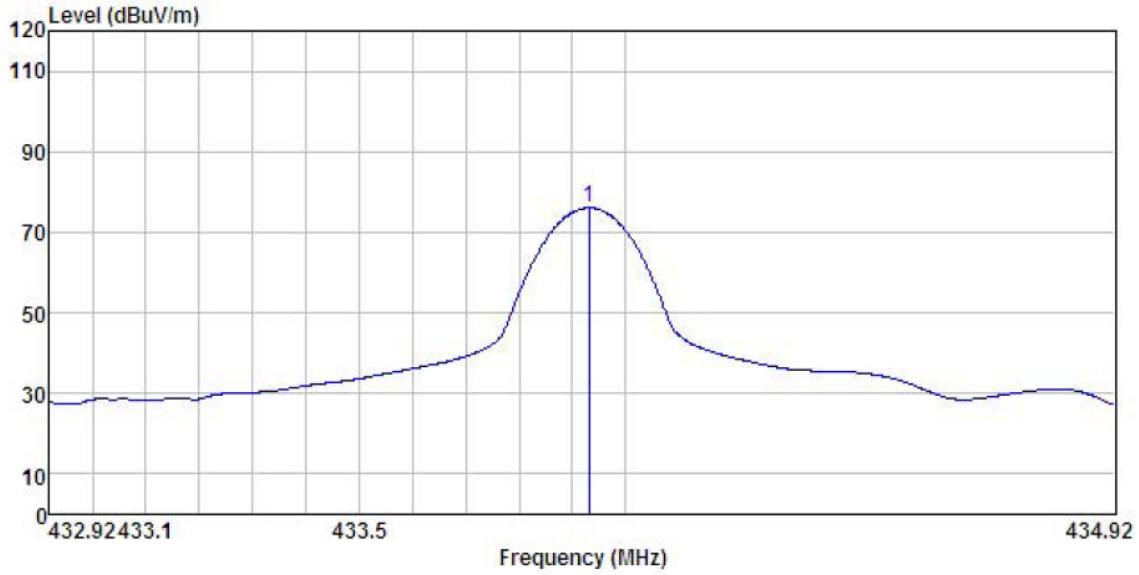

```
Site          : 3m chamber
Condition     : 3m VULB9163(30M2G) VERTICAL
EUT           : keyless transmitter
Model         : 2AOVX-4B
Test mode     : TX mode
Power Rating  : DC 3V
Environment   : Temp:25.5℃  Huni:55%
Test Engineer: Carey
Remark        : X
                 ReadAntenna  Cable Preamp         Limit   Over
          Freq  Level Factor   Loss Factor  Level   Line  Limit Remark
     --------- ------ ------ ------ ------ ------ ------ ------ ----------
           MHz   dBuV   dB/m     dB     dB dBuV/m dBuV/m     dB

  1    433.937  49.31  15.91   3.16   0.00  68.38 ------ ------
```

*Remark:*

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*

| Test Frequency: | 433.92MHz | Polarization: | Horizontal |
|---|---|---|---|




```
Site          : 3m chamber
Condition     : 3m VULB9163(30M2G) HORIZONTAL
EUT           : keyless transmitter
Model         : 2AOVX-4B
Test mode     : TX mode
Power Rating  : DC 3V
Environment   : Temp:25.5℃  Huni:55%
Test Engineer: Carey
Remark        : X
                  ReadAntenna  Cable Preamp         Limit   Over
           Freq  Level Factor   Loss Factor  Level   Line  Limit Remark
       --------- ------ ------ ------ ------ ------ ------ ------ ----------
             MHz   dBuV   dB/m     dB     dB dBuV/m dBuV/m     dB

   1     433.931  56.98  15.91   3.16   0.00  76.05 ------ ------
```

*Remark:*

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*

### 6.2.2 Spurious Emissions

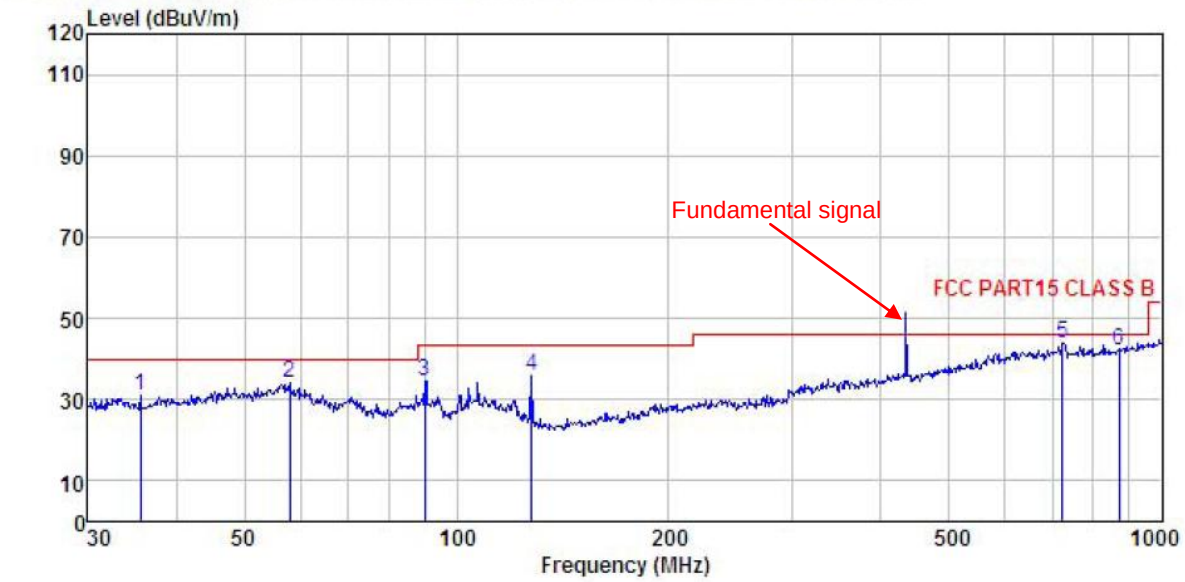
| Below 1GHz (30MHz-1000MHz) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Peak value | | | | | | | | |
| Frequency (MHz) | Read Level (dBuV/m) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
| 869.13 | 16.45 | 21.69 | 4.01 | 0.00 | 42.15 | 80.83 | -38.68 | Vertical |
| 869.13 | 20.20 | 21.69 | 4.01 | 0.00 | 45.90 | 80.83 | -34.93 | Horizontal |

| Average value | | | | | | |
|---|---|---|---|---|---|---|
| Frequency (MHz) | Level (dBuV/m) | Duty cycle factor | Average value (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization |
| 869.13 | 42.15 | -5.58 | 36.57 | 60.83 | -24.26 | Vertical |
| 869.13 | 45.90 | -5.58 | 40.32 | 60.83 | -20.51 | Horizontoal |

*Remark: Average value=Peak value + Duty Cycle Factor.*

**Test Plots:**

| **Test Frequency:** | 30 MHz - 1 GHz | **Polarization:** | Vertical |
|---|---|---|---|



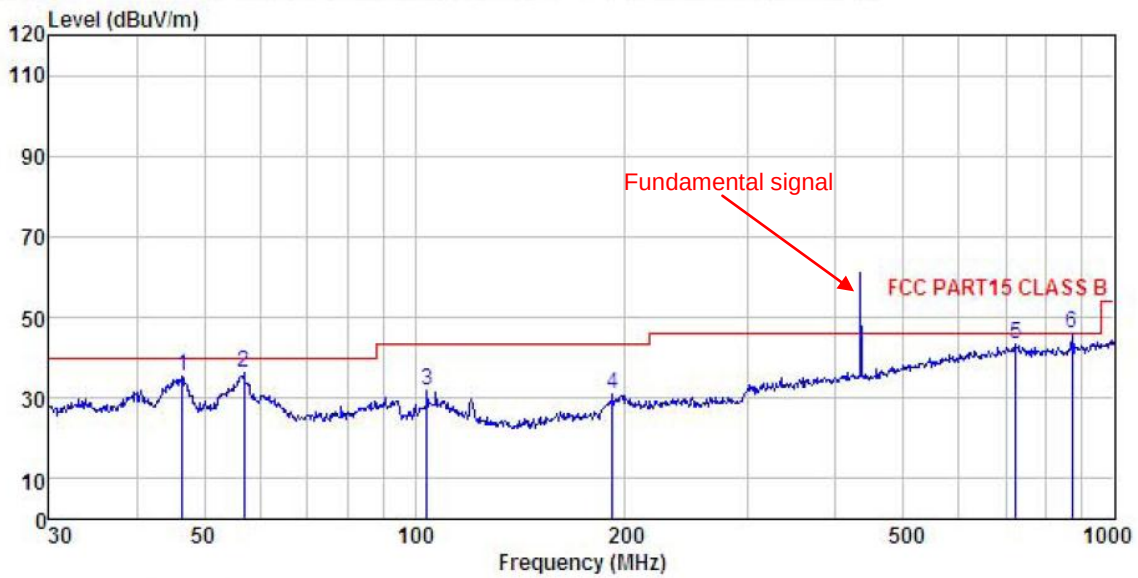

```
Site          : 3m chamber
Condition     : FCC PART15 CLASS B 3m VULB9163(30M2G) VERTICAL
EUT           : keyless transmitter
Model         : 2AOVX-4B
Test mode     : TX mode
Power Rating  : DC 3V
Environment   : Temp:25.5'C  Huni:55%
Test Engineer: Carey
Remark        :
```

| | Freq | ReadAntenna Level | Factor | Cable Loss | Preamp Factor | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 35.624 | 18.16 | 11.85 | 1.07 | 0.00 | 31.08 | 40.00 | -8.92 | QP |
| 2 | 57.999 | 20.22 | 12.72 | 1.37 | 0.00 | 34.31 | 40.00 | -5.69 | QP |
| 3 | 90.220 | 22.48 | 10.04 | 2.03 | 0.00 | 34.55 | 43.50 | -8.95 | QP |
| 4 | 127.665 | 24.67 | 9.04 | 2.26 | 0.00 | 35.97 | 43.50 | -7.53 | QP |
| 5 | 724.261 | 19.16 | 20.39 | 4.27 | 0.00 | 43.82 | 46.00 | -2.18 | QP |
| 6 | 869.130 | 16.45 | 21.69 | 4.01 | 0.00 | 42.15 | 46.00 | -3.85 | Peak |

*Remark:*

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*

| Test Frequency: | 30 MHz - 1 GHz | Polarization: | Horizontal |
|---|---|---|---|



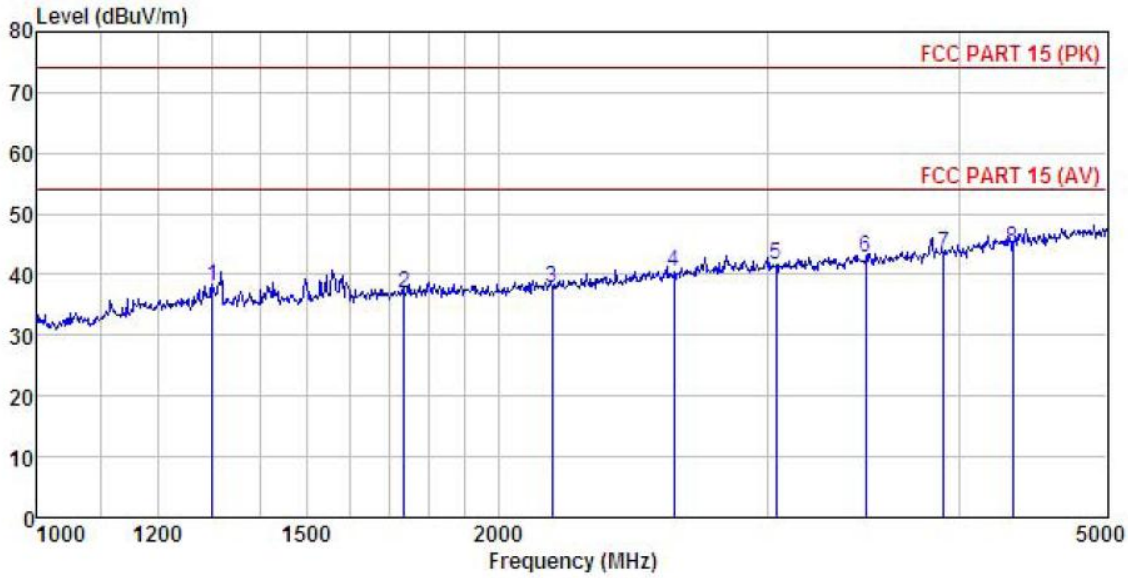

Site : 3m chamber
Condition : FCC PART15 CLASS B 3m VULB9163(30M2G) HORIZONTAL
EUT : keyless transmitter
Model : 2AOVX-4B
Test mode : TX mode
Power Rating : DC 3V
Environment : Temp:25.5℃ Huni:55%
Test Engineer: Carey
Remark :

| | Freq | ReadLevel | Antenna Factor | Cable Loss | Preamp Factor | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 46.503 | 20.27 | 13.82 | 1.28 | 0.00 | 35.37 | 40.00 | -4.63 | QP |
| 2 | 56.991 | 22.22 | 12.88 | 1.37 | 0.00 | 36.47 | 40.00 | -3.53 | QP |
| 3 | 104.170 | 18.15 | 11.96 | 1.99 | 0.00 | 32.10 | 43.50 | -11.40 | QP |
| 4 | 191.745 | 16.89 | 11.25 | 2.81 | 0.00 | 30.95 | 43.50 | -12.55 | QP |
| 5 | 724.261 | 18.77 | 20.39 | 4.27 | 0.00 | 43.43 | 46.00 | -2.57 | QP |
| 6 | 869.130 | 20.20 | 21.69 | 4.01 | 0.00 | 45.90 | 46.00 | -0.10 | Peak |

*Remark:*

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*

| Test Frequency: | 1 GHz – 5 GHz | Polarization: | Vertical |
|---|---|---|---|



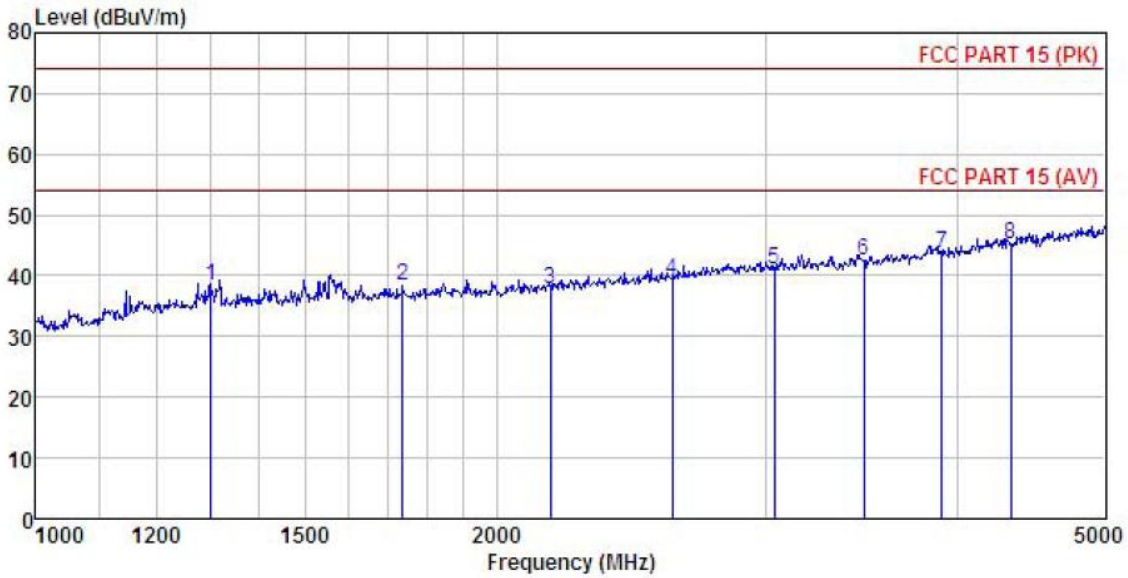

Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18G) VERTICAL
EUT : keyless transmitter
Model : 2AOVX-4B
Test mode : TX mode
Power Rating : DC 3V
Environment : Temp:25.5℃ Huni:55%
Test Engineer: Carey
Remark :

| | Freq | ReadLevel | Antenna Factor | Cable Loss | Preamp Factor | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 1302.060 | 48.57 | 24.64 | 3.47 | 41.04 | 38.06 | 74.00 | -35.94 | Peak |
| 2 | 1736.788 | 45.76 | 25.81 | 4.03 | 41.15 | 36.78 | 74.00 | -37.22 | Peak |
| 3 | 2168.725 | 45.62 | 26.84 | 4.48 | 41.68 | 37.93 | 74.00 | -36.07 | Peak |
| 4 | 2605.477 | 46.58 | 27.83 | 4.95 | 41.88 | 40.34 | 74.00 | -33.66 | Peak |
| 5 | 3040.803 | 46.15 | 28.63 | 5.37 | 41.49 | 41.57 | 74.00 | -32.43 | Peak |
| 6 | 3475.384 | 46.76 | 28.89 | 5.73 | 41.43 | 42.91 | 74.00 | -31.09 | Peak |
| 7 | 3908.657 | 46.26 | 29.98 | 6.10 | 41.80 | 43.54 | 74.00 | -30.46 | Peak |
| 8 | 4339.709 | 45.20 | 30.82 | 6.62 | 41.92 | 44.18 | 74.00 | -29.82 | Peak |

*Remark:*

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *Average value=Peak value + Duty Cycle Factor = 44.18(dBuV/m) +(-5.58) = 38.60(dBuV/m), the worst case of data.*

| Test Frequency: | 1 GHz – 5 GHz | Polarization: | Horizontal |
|---|---|---|---|



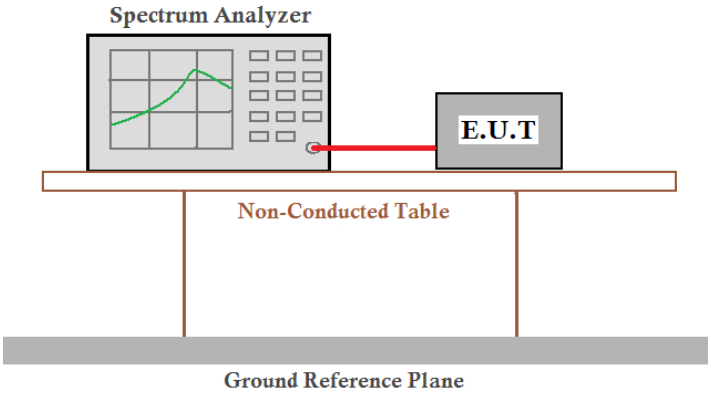

Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18G) HORIZONTAL
EUT : keyless transmitter
Model : 2AOVX-4B
Test mode : TX mode
Power Rating : DC 3V
Environment : Temp:25.5'C Huni:55%
Test Engineer: Carey
Remark :

| | Freq | ReadLevel | Antenna Factor | Cable Loss | Preamp Factor | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 1302.060 | 48.98 | 24.64 | 3.47 | 41.04 | 38.47 | 74.00 | -35.53 | Peak |
| 2 | 1736.788 | 47.30 | 25.81 | 4.03 | 41.15 | 38.32 | 74.00 | -35.68 | Peak |
| 3 | 2168.725 | 45.58 | 26.84 | 4.48 | 41.68 | 37.89 | 74.00 | -36.11 | Peak |
| 4 | 2605.477 | 45.41 | 27.83 | 4.95 | 41.88 | 39.17 | 74.00 | -34.83 | Peak |
| 5 | 3040.803 | 45.49 | 28.63 | 5.37 | 41.49 | 40.91 | 74.00 | -33.09 | Peak |
| 6 | 3475.384 | 46.40 | 28.89 | 5.73 | 41.43 | 42.55 | 74.00 | -31.45 | Peak |
| 7 | 3908.657 | 46.40 | 29.98 | 6.10 | 41.80 | 43.68 | 74.00 | -30.32 | Peak |
| 8 | 4339.709 | 46.10 | 30.82 | 6.62 | 41.92 | 45.08 | 74.00 | -28.92 | Peak |

*Remark:*

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *Average value=Peak value + Duty Cycle Factor = 45.08(dBuV/m) +(-5.58) = 39.50(dBuV/m), the worst case of data.*

## 6.3 20dB Bandwidth

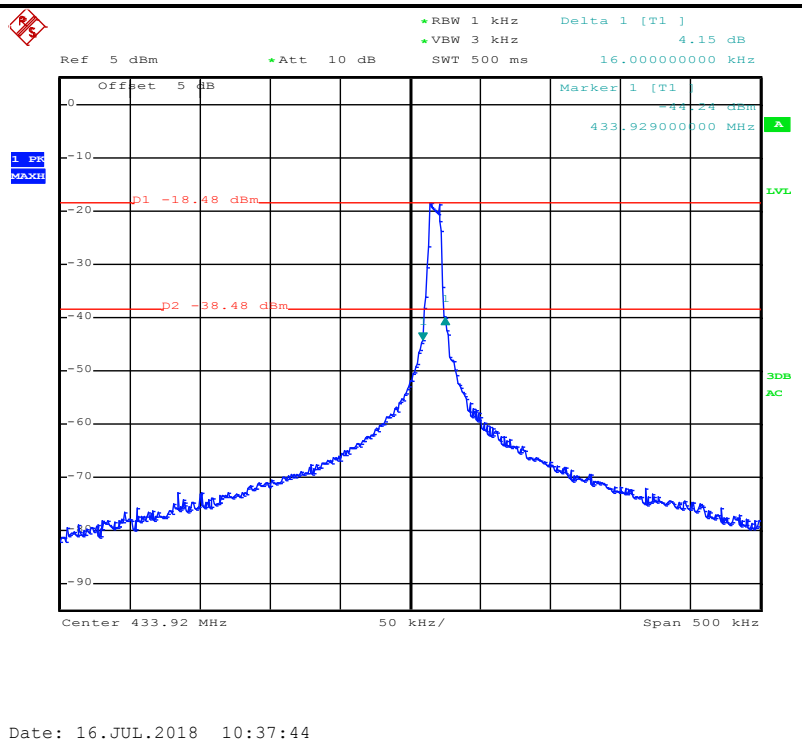
| | |
|---|---|
| Test Requirement: | FCC Part15 C Section 15.231 (c) |
| Test Method: | ANSI C63.4:2014 |
| Receiver setup: | RBW=1kHz, VBW=3kHz, detector: Peak |
| Limit: | The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 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. |
| Test Procedure: | 1. According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT.<br>2. Set the EUT to proper test channel.<br>3. Max hold the radiated emissions, mark the peak power frequency point and the -20dB upper and lower frequency points.<br>4. Read 20dB bandwidth. |
| Test setup: |  |
| Test Instruments: | Refer to section 5.7 for details |
| Test mode: | Refer to section 5.3 for details |
| Test results: | Passed |

**Measurement Data**

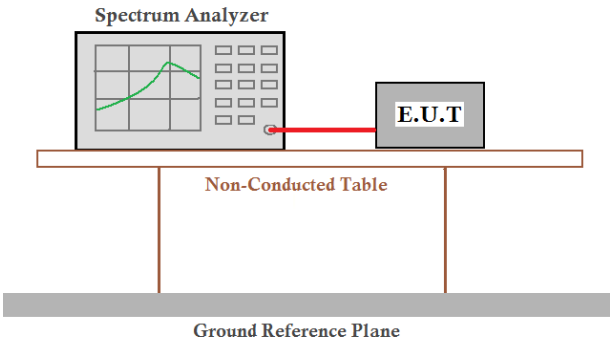
| 20dB bandwidth (MHz) | Limit (MHz) | Results |
|---|---|---|
| 0.016 | 1.0848 | Passed |

Note: Limit= Fundamental frequency×0.25%=433.92×0.25%=1.0848MHz

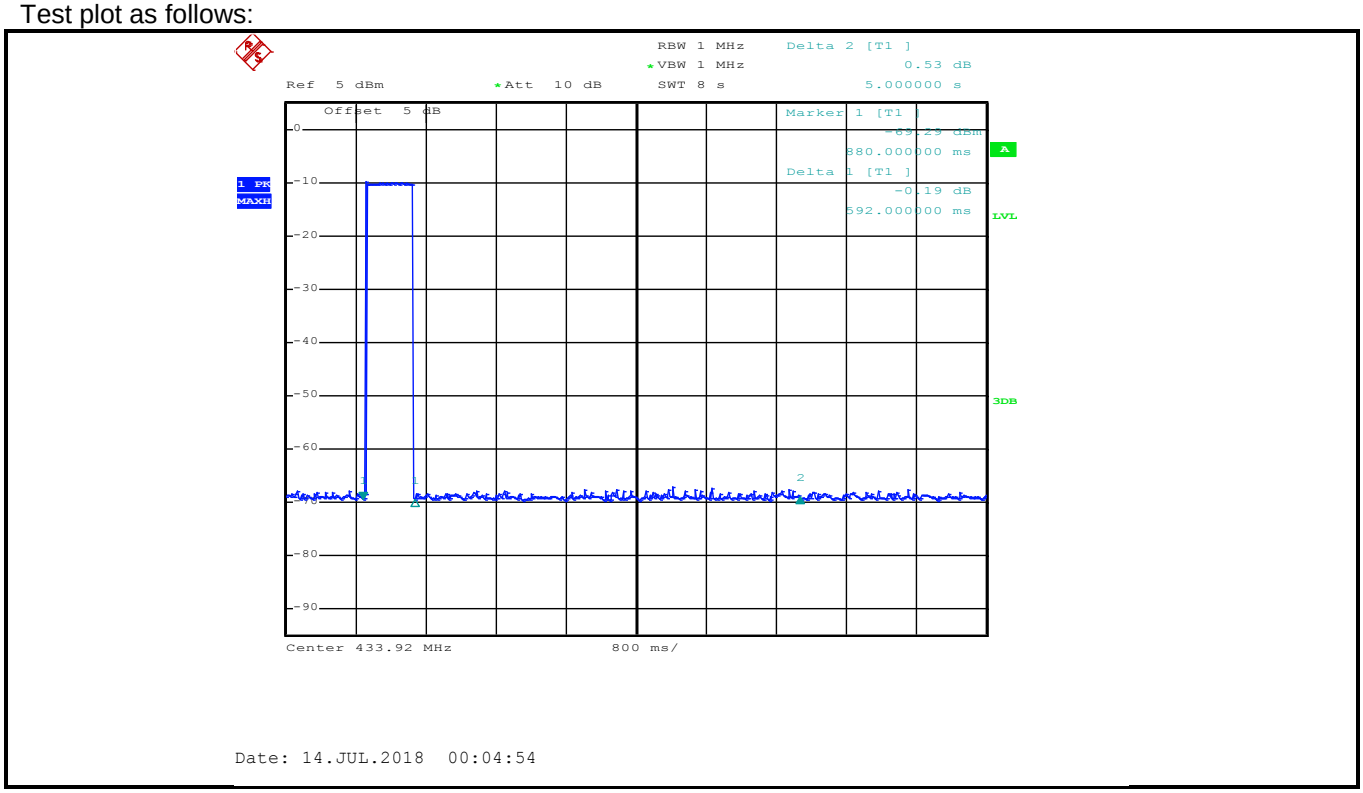
**Test plot as follows:**



## 6.4 Duration Time

| | |
|---|---|
| Test Requirement: | FCC Part15 C Section 15.231 (a1) |
| Test Method: | ANSI C63.10: 2013 |
| Receiver setup: | RBW=1MHz, VBW=1MHz, span=0Hz, detector: Peak |
| Limit: | Not more than 5 seconds |
| Test mode: | Transmitting mode |
| Test Procedure: | 1. According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT.<br>2. Set the EUT to proper test channel.<br>3. Single scan the transmission, and read the transmission time. |
| Test setup: |  |
| Test Instruments: | Refer to section 5.8 for details |
| Test mode: | Refer to section 5.3 for details |
| Test results: | Passed |

**Measurement Data**

| Duration time (second) | Limit (second) | Result |
|---|---|---|
| 0.592 | <5.0 | Pass |

Test plot as follows: