

# **FCC Test Report**

Product Name : Wireless Programming Tool

Trade Name : ORO

Model No. : UNI-PT01

FCC ID. : W55OPTAM07D

Applicant : Oro Technology Co., LTD

Address : 3F, No.29, 21th Road, Industrial Park,

Taichung 408, Taiwan

Date of Receipt : Jun. 27, 2018

Issued Date : Jul. 19, 2018

Report No. : 1860384R-RFUSP20V00

Report Version : V1.0





The declaration results relate only to the samples calculated.

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# **Test Report Certification**

Issued Date: Jul. 19, 2018

Report No.: 1860384R-RFUSP20V00



Product Name : Wireless Programming Tool
Applicant : Oro Technology Co., LTD

Address : 3F, No.29, 21th Road, Industrial Park, Taichung 408, Taiwan

Manufacturer : Oro Technology Co., LTD

Model No. : UNI-PT01

FCC ID. : W550PTAM07D

EUT Voltage : Mode 1: DC 15V (Power by Adapter)

Mode 2: DC 11.1V (Power by Battery)

Testing Voltage : Mode 1: DC 15V (Power by Adapter)

Mode 2: DC 11.1V (Power by Battery)

Trade Name : ORO

Applicable Standard : FCC 15 Subpart C Section 15.209: 2017

Laboratory Name : Hsin Chu Laboratory

Address : No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township,

Hsinchu County 310, Taiwan, R.O.C.

TEL: +886-3-582-8001 / FAX: +886-3-582-8958

Test Result : Complied

Documented By :

( Demi Chang / Senior Engineering Adm. Specialist )

Tested By :

(Andy Tsai / Senior Engineer)

Approved By

(Roy Wang / Director)



# **Revision History**

| Report No.          | Version | Description              | Issued Date   |
|---------------------|---------|--------------------------|---------------|
| 1860384R-RFUSP20V00 | V1.0    | Initial issue of report. | Jul. 19, 2018 |
|                     |         |                          |               |
|                     |         |                          |               |
|                     |         |                          |               |
|                     |         |                          |               |
|                     |         |                          |               |
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# TABLE OF CONTENTS

| Description  |                                | Page |
|--------------|--------------------------------|------|
| 1.           | General Information            | 5    |
| 1.1.         | EUT Description                | 5    |
| 1.2.         | Test Mode                      | 6    |
| 1.3.         | Tested System Details          | 7    |
| 1.4.         | Configuration of tested System | 7    |
| 1.5.         | EUT Exercise Software          | 8    |
| 1.6.         | Test Facility                  | 9    |
| 1.7.         | List of Test Equipment         | 10   |
| 1.8.         | Measurement Uncertainty        | 11   |
| 2.           | Conducted Emission             | 12   |
| 2.1.         | Test Setup                     | 12   |
| 2.2.         | Limits                         | 12   |
| 2.3.         | Test Procedure                 | 13   |
| 2.4.         | Test Specification             | 13   |
| 2.5.         | Test Result                    | 14   |
| 3.           | Radiated Emission              | 16   |
| 3.1.         | Test Setup                     | 16   |
| 3.2.         | Limits                         | 17   |
| 3.3.         | Test Procedure                 | 18   |
| 3.4.         | Test Specification             | 18   |
| 3.5.         | Test Result                    | 19   |
| Attachment 1 |                                | 25   |
|              | Test Setup Photograph          | 25   |
| Attachment 2 |                                | 31   |
|              | EUT External Photograph        | 31   |
| Attachment 3 |                                | 36   |
|              | EUT Internal Photograph        | 36   |
|              |                                |      |



#### 1. General Information

# 1.1. EUT Description

| Product Name       | Wireless Programming Tool |
|--------------------|---------------------------|
| Trade Name         | ORO                       |
| Model No.          | UNI-PT01                  |
| Frequency Range    | 125KHz                    |
| Channel Number     | 1                         |
| Type of Modulation | ASK                       |

| Antenna Information |                 |
|---------------------|-----------------|
| Antenna Type        | Soldered on PCB |
| Antenna Gain        | 0 dBi           |

| Working Frequency of Each Channel |        |  |  |
|-----------------------------------|--------|--|--|
| Channel Frequency                 |        |  |  |
| 01                                | 125KHz |  |  |

- 1. This device is a Wireless Programming Tool included 125kHz transceiver function.
- 2. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case is Y axis shown in the report.



# 1.2. Test Mode

DEKRA verified the construction and function in typical operation. All the test modes are performed in normal operation and are defined as:

| Test Mode |                                   |  |
|-----------|-----------------------------------|--|
| TX        | Mode 1: Transmit_Power by Adapter |  |
|           | Mode 2: Transmit_Power by Battery |  |

| Emission           |        |        |  |
|--------------------|--------|--------|--|
| Performed Item     | Mode 1 | Mode 2 |  |
| Conducted Emission | Yes    | No     |  |
| Radiated Emission  | Yes    | Yes    |  |



# 1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

| Product |  | Manufacturer | Model No. | Serial No. | FCC ID | Power Cord |
|---------|--|--------------|-----------|------------|--------|------------|
| 1 N/A   |  |              |           |            |        |            |

# 1.4. Configuration of tested System

| Test Mode          | Mode 1: Transmit_Power by Adapter |  |  |  |
|--------------------|-----------------------------------|--|--|--|
| Connection Diagram |                                   |  |  |  |
|                    |                                   |  |  |  |
|                    |                                   |  |  |  |
|                    |                                   |  |  |  |
|                    | EUT                               |  |  |  |
|                    |                                   |  |  |  |
|                    |                                   |  |  |  |
|                    |                                   |  |  |  |
|                    |                                   |  |  |  |
|                    |                                   |  |  |  |
|                    |                                   |  |  |  |
|                    |                                   |  |  |  |
|                    |                                   |  |  |  |
|                    |                                   |  |  |  |
|                    |                                   |  |  |  |
|                    |                                   |  |  |  |
|                    |                                   |  |  |  |



| Test Mode | Mode 2: Transmit_Power by Battery |
|-----------|-----------------------------------|
|           | Connection Diagram                |
|           | EUT                               |

#### 1.5. EUT Exercise Software

| 1 | Setup the EUT as shown in section 1.4. |
|---|--|
| 2 | The EUT will transmit automatically.   |
| 3 | Verify that the EUT works properly.    |



#### 1.6. Test Facility

Ambient conditions in the laboratory:

| Items                      | Test Item                               | Required<br>(IEC 68-1) | Actual   | Test Site |
|----------------------------|---|------------------------|----------|-----------|
| Temperature (°C)           | FOO DADT 45 O 45 007                    | 15 - 35                | 20       |           |
| Humidity (%RH)             | FCC PART 15 C 15.207 Conducted Emission | 25 - 75                | 50       | 3         |
| Barometric pressure (mbar) | Conducted Emission                      | 860 - 1060             | 950-1000 |           |
| Temperature (°C)           | FCC PART 15 C 15.209 Radiated Emission  | 15 - 35                | 25       |           |
| Humidity (%RH)             |   | 25 - 75                | 54       | 2         |
| Barometric pressure (mbar) | Naulateu Emission                       | 860 - 1060             | 950-1000 |           |

Note: Test site information refers to Laboratory Information.

#### **Laboratory Information**

#### USA : FCC, Registration Number: TW3024

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site:

http://www.dekra.com.tw/english/about/certificates.aspx?bval=5

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: http://www.dekra.com.tw/index\_en.aspx

If you have any comments, Please don't hesitate to contact us. Our test sites as below:



# 1.7. List of Test Equipment

#### Conducted Emission /SR2-H

| Instrument               | Manufacturer | Model No. | Serial No. | Cal. Date  | Next Cal. Date |
|--------------------------|--------------|-----------|------------|------------|----------------|
| Artificial Mains Network | R&S          | ENV4200   | 848411/010 | 2018/01/22 | 2019/01/21     |
| Test Receiver            | R&S          | ESCS 30   | 836858/022 | 2018/03/30 | 2019/03/29     |
| LISN                     | R&S          | ENV216    | 100092     | 2017/07/31 | 2018/07/30     |

#### Radiated Emission / CB4-H

| Instrument                 | Manufacturer | Model No.  | Serial No. | Cal. Date  | Next Cal. Date |
|----------------------------|--------------|------------|------------|------------|----------------|
| Signal Analyzer            | R&S          | FSVA40     | 101455     | 2017/11/21 | 2018/11/20     |
| Signal & Spectrum Analyzer | R&S          | FSV40      | 101049     | 2018/01/10 | 2019/01/09     |
| EXA Signal Analyzer        | Keysight     | N9010A     | MY51440132 | 2018/03/05 | 2019/03/04     |
| Bilog Antenna              | Teseq        | CBL6112D   | 23191      | 2017/06/28 | 2018/06/27     |
| Horn Antenna               | Schwarzbeck  | BBHA 9120D | 639        | 2018/06/01 | 2019/05/31     |
| Horn Antenna               | Schwarzbeck  | BBHA 9170  | 202        | 2018/01/31 | 2019/01/30     |
| Pre-Amplifier              | Dekra        | AP-025C    | 201801236  | 2018/02/26 | 2019/02/25     |
| Pre-Amplifier              | EMCI         | EMC11830I  | 980366     | 2018/01/08 | 2019/01/07     |
| Pre-Amplifier              | Dekra        | AP-400C    | 201801231  | 2017/12/13 | 2018/12/12     |

Page: 10 of 44



# 1.8. Measurement Uncertainty

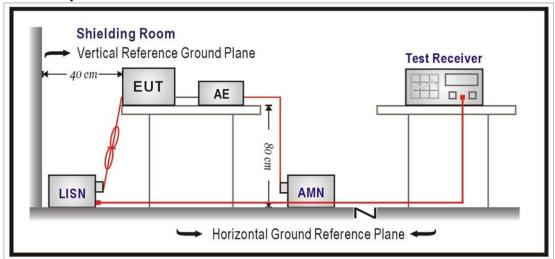
| Test Item                        | Uncertainty |
|----------------------------------|-------------|
| Conducted Emission               | ± 2.26 dB   |
| Radiated Emission (30MHz~1GHz)   | ± 3.43 dB   |
| Radiated Emission (1GHz~26.5GHz) | ± 3.65 dB   |

Page: 11 of 44



#### 2. Conducted Emission

### 2.1. Test Setup



#### 2.2. Limits

| FCC Part 15 Subpart C Paragraph 15.207 Limits (dBuV) |         |         |  |  |  |
|--|---------|---------|--|--|--|
| Frequency<br>MHz                                     | QP      | AV      |  |  |  |
| 0.15 - 0.50  | 66 - 56 | 56 - 46 |  |  |  |
| 0.50 - 5.0   | 56      | 46      |  |  |  |
| 5.0 - 30   | 60      | 50      |  |  |  |

Remarks: In the above table, the tighter limit applies at the band edges.



#### 2.3. Test Procedure

The EUT was setup according to ANSI C63.10:2013 and tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.209 requirements.

The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)

Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

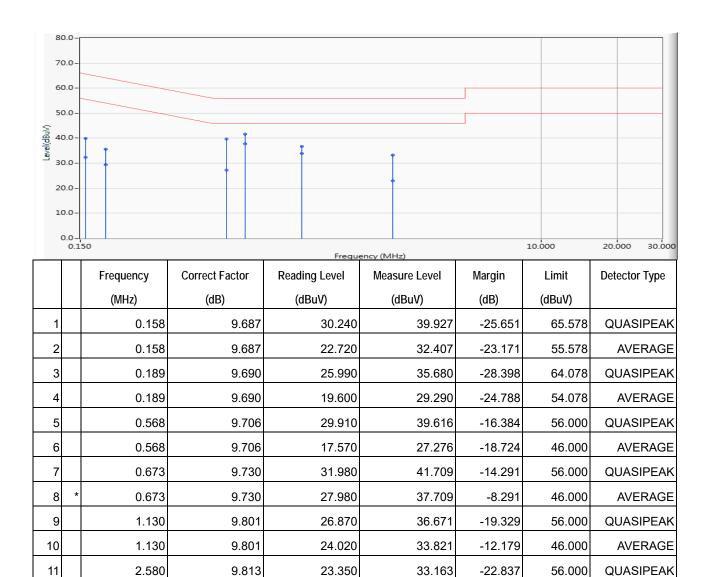
#### 2.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.207: 2017



#### 2.5. Test Result

| Site : SR2-H                         | Time : 2018/07/09                        |
|--------------------------------------|--|
| Limit : CISPR_B_00M_QP               | Margin : 10                              |
| Probe : SR2_LISN(16A)-7_0731 - Line1 | Power : AC 120V/60Hz                     |
| EUT : Wireless Programming Tool      | Note : Mode 1: Transmit_Power by Adapter |



#### Note:

12

1. All Reading Levels are Quasi-Peak and average value.

9.813

2. " \* ", means this data is the worst emission level.

2.580

3. Measurement Level = Reading Level + Correct Factor.

13.040

22.853

-23.147

46.000

**AVERAGE** 



56.000

46.000

56.000

46.000

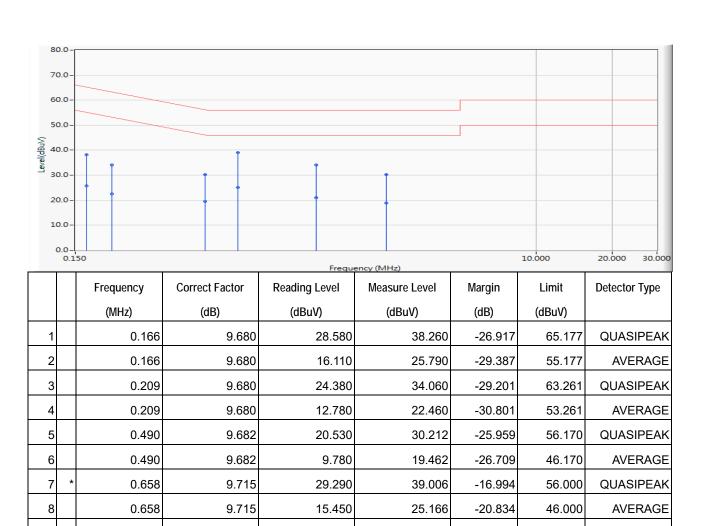
**QUASIPEAK** 

**QUASIPEAK** 

**AVERAGE** 

**AVERAGE** 

| Site : SR2-H                         | Time : 2018/07/09                        |
|--------------------------------------|--|
| Limit : CISPR_B_00M_QP               | Margin : 10                              |
| Probe : SR2_LISN(16A)-7_0731 - Line2 | Power : AC 120V/60Hz                     |
| EUT : Wireless Programming Tool      | Note : Mode 1: Transmit_Power by Adapter |



#### Note:

9

10

11

12

1.341

1.341

2.545

2.545

1. All Reading Levels are Quasi-Peak and average value.

9.793

9.793

9.803

9.803

- 2. " \* ", means this data is the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor.

24.330

11.130

20.450

9.040

34.123

20.923

30.253

18.843

-21.877

-25.077

-25.747

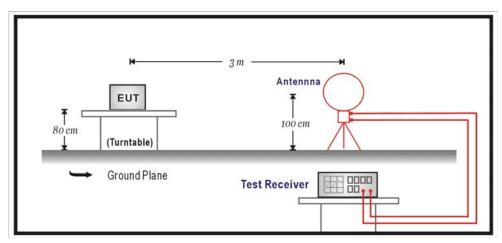
-27.157



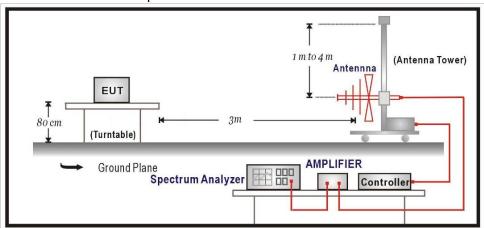
#### 3. Radiated Emission

# 3.1. Test Setup

Under 30MHz Test Set up



#### Under 1GHz Test Setup:





#### 3.2. Limits

> Spurious electric field strength limits

| FCC Part 15 Subpart C Paragraph 15.209 Limits |              |                         |                              |  |  |
|---|--------------|-------------------------|------------------------------|--|--|
| Frequency<br>MHz                              | uV/m         | dBuV/m                  | Measurement distance (meter) |  |  |
| 0.009 - 0.490                                 | 2400/F(kHz)  | See Remark <sup>1</sup> | 300                          |  |  |
| 0.490 - 1.705                                 | 24000/F(kHz) | See Remark <sup>1</sup> | 30                           |  |  |
| 1.705 - 30                                    | 30           | 29.5                    | 30                           |  |  |
| 30 - 88                                       | 100          | 40                      | 3                            |  |  |
| 88 - 216                                      | 150          | 43.5                    | 3                            |  |  |
| 216 - 960                                     | 200          | 46                      | 3                            |  |  |
| Above 960                                     | 500          | 54                      | 3                            |  |  |

Remarks: 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)

- 2. In the Above Table, the tighter limit applies at the band edges.
- 3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.



#### 3.3. Test Procedure

Under 30MHz Test:

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum electric field strength. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna which is 1.0 meter above ground. All X-axis, Y-axis and Z-axis polarization of the antenna are set on measurement.

The emission limit shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limit in these three bands are based on measurements employing an average detector.

#### Under 1GHz Test:

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4:2009 on radiated measurement.

On any frequency the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

The bandwidth below 30MHz setting on the field strength meter is 9kHz and above 30MHz is 120kHz.

#### 3.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.209: 2017



#### 3.5. Test Result

| Product      | Wireless Programming Tool         |           |       |
|--------------|-----------------------------------|-----------|-------|
| Test Item    | Fundamental Radiated Emission     |           |       |
| Test Mode    | Mode 1: Transmit_Power by Adapter |           |       |
| Date of Test | 2017/06/30                        | Test Site | CB4-H |

#### Fundamental Power

| Frequency: 125kHz |           |               |             |                |              |
|-------------------|-----------|---------------|-------------|----------------|--------------|
| To at Conditions  | Frequency | Reading Level | Factor(AFE) | Emission Level | Limit        |
| Test Conditions   | (MHz)     | (dBuV)        | (dB/m)      | (dBuV/m)       | (dBuV/m) @3m |
| X-axis            | 0.125     | 41.95         | 20          | 61.95          | 105.666      |
| Y-axis            | 0.125     | 42.88         | 20          | 62.88          | 105.666      |
| Z-axis            | 0.125     | 30.66         | 20          | 50.66          | 105.666      |

#### Position 2

| Frequency: 125kHz |           |               |             |                |              |
|-------------------|-----------|---------------|-------------|----------------|--------------|
| Test Conditions   | Frequency | Reading Level | Factor(AFE) | Emission Level | Limit        |
| Test Conditions   | (MHz)     | (dBuV)        | (dB/m)      | (dBuV/m)       | (dBuV/m) @3m |
| X-axis            | 0.125     | 38.03         | 20          | 58.03          | 105.666      |
| Y-axis            | 0.125     | 38.82         | 20          | 58.82          | 105.666      |
| Z-axis            | 0.125     | 14.61         | 20          | 34.61          | 105.666      |

#### Position 3

| Frequency: 125kHz |           |               |             |                |              |  |
|-------------------|-----------|---------------|-------------|----------------|--------------|--|
| Test Conditions   | Frequency | Reading Level | Factor(AFE) | Emission Level | Limit        |  |
| Test Conditions   | (MHz)     | (dBuV)        | (dB/m)      | (dBuV/m)       | (dBuV/m) @3m |  |
| X-axis            | 0.125     | 35.33         | 20          | 55.33          | 105.666      |  |
| Y-axis            | 0.125     | 32.94         | 20          | 52.94          | 105.666      |  |
| Z-axis            | 0.125     | 37.38         | 20          | 57.38          | 105.666      |  |

 $E(dB\mu V/m)=R(dB\mu V)+AF_E$ 

Note:

Peak Measurement Level = Reading Level +Correct factor

Page: 19 of 44



| Product      | Wireless Programming Tool         |           |       |
|--------------|-----------------------------------|-----------|-------|
| Test Item    | Spurious Emission (<30MHz) at 3m  |           |       |
| Test Mode    | Mode 1: Transmit_Power by Adatper |           |       |
| Date of Test | 2018/06/30                        | Test Site | CB4-H |

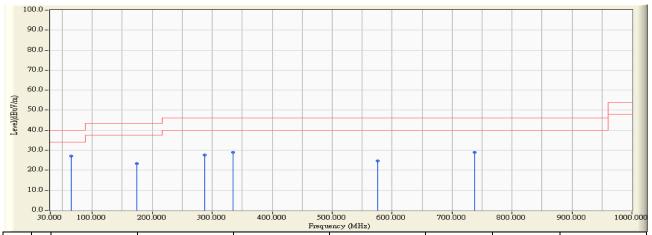
| Transmit Mode      |                         |                            |                       |                |  |  |  |  |
|--------------------|-------------------------|----------------------------|-----------------------|----------------|--|--|--|--|
| Frequency<br>(MHz) | Reading Level<br>(dBuV) | Emission Level<br>(dBuV/m) | Limit<br>(dBuV/m) @3m | Margin<br>(dB) |  |  |  |  |
| 0.250              | 34.95                   | 54.95                      | 99.645                | -44.695        |  |  |  |  |
| 0.375              | 31.25                   | 51.25                      | 96.124                | -44.874        |  |  |  |  |
| 0.500              | 31.17                   | 51.17                      | 73.625                | -22.455        |  |  |  |  |
| 0.625              | 29.39                   | 49.39                      | 71.687                | -22.297        |  |  |  |  |
| 8.492              | -1.15                   | 18.85                      | 69.542                | -50.692        |  |  |  |  |
| 15.384             | -2.24                   | 17.76                      | 69.542                | -51.782        |  |  |  |  |

Measure level (dBuV/m) = Reading Level (dBuV/m) + cable loss(0.29) dBuV/m= $20\log(uV/m)$ , Limit dBuV/m at 3m = dBuV/m at 300m +  $40\log(300m/3m)$ 



#### 30MHz-1GHz Spurious:

| Site : CB4-H                           | Time : 2018/06/29                        |
|--|--|
| Limit : FCC_SpartC_15.209_03M_QP       | Margin : 6                               |
| Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - | Power : AC 120V/60Hz                     |
| HORIZONTAL                             |  |
| EUT : Wireless Programming Tool        | Note : Mode 1: Transmit_Power by Adatper |

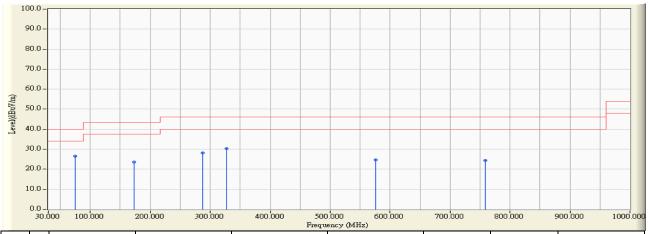


|   |   | Frequency | Correct Factor | Reading Level | Measure Level | Margin  | Limit    | Detector Type |
|---|---|-----------|----------------|---------------|---------------|---------|----------|---------------|
|   |   | (MHz)     | (dB)           | (dBuV)        | (dBuV/m)      | (dB)    | (dBuV/m) |               |
| 1 | * | 64.556    | -25.152        | 52.114        | 26.962        | -13.038 | 40.000   | QUASIPEAK     |
| 2 |   | 174.409   | -22.588        | 45.787        | 23.199        | -20.321 | 43.520   | QUASIPEAK     |
| 3 |   | 288.020   | -19.367        | 47.113        | 27.746        | -18.274 | 46.020   | QUASIPEAK     |
| 4 |   | 334.095   | -18.030        | 47.011        | 28.981        | -17.039 | 46.020   | QUASIPEAK     |
| 5 |   | 575.989   | -12.458        | 37.183        | 24.725        | -21.295 | 46.020   | QUASIPEAK     |
| 6 |   | 737.373   | -10.550        | 39.618        | 29.069        | -16.951 | 46.020   | QUASIPEAK     |

- 1. All Reading Levels are Quasi-Peak value.
- 2. " \* ", means this data is the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor.



| Site : CB4-H                                    | Time : 2018/06/29                        |
|---|--|
| Limit : FCC_SpartC_15.209_03M_QP                | Margin : 6                               |
| Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL | Power : AC 120V/60Hz                     |
| EUT : Wireless Programming Tool                 | Note : Mode 1: Transmit_Power by Adatper |

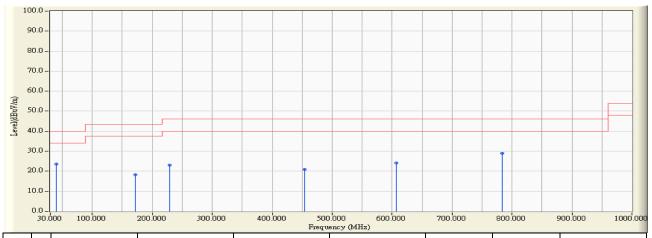


|   |   | Frequency | Correct Factor | Reading Level | Measure Level | Margin  | Limit    | Detector Type |
|---|---|-----------|----------------|---------------|---------------|---------|----------|---------------|
|   |   | (MHz)     | (dB)           | (dBuV)        | (dBuV/m)      | (dB)    | (dBuV/m) |               |
| 1 | * | 74.863    | -26.098        | 52.767        | 26.669        | -13.331 | 40.000   | QUASIPEAK     |
| 2 |   | 172.954   | -22.517        | 46.113        | 23.596        | -19.924 | 43.520   | QUASIPEAK     |
| 3 |   | 288.020   | -19.367        | 47.613        | 28.246        | -17.774 | 46.020   | QUASIPEAK     |
| 4 |   | 327.062   | -18.112        | 48.333        | 30.221        | -15.799 | 46.020   | QUASIPEAK     |
| 5 |   | 575.989   | -12.458        | 37.187        | 24.729        | -21.291 | 46.020   | QUASIPEAK     |
| 6 |   | 758.591   | -10.848        | 35.252        | 24.405        | -21.615 | 46.020   | QUASIPEAK     |

- 1. All Reading Levels are Quasi-Peak value.
- 2. " \* ", means this data is the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor.



| Site : CB4-H                           | Time : 2018/06/29                        |
|--|--|
| Limit : FCC_SpartC_15.209_03M_QP       | Margin : 6                               |
| Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - | Power : DC 11.1V (Power by Battery)      |
| HORIZONTAL                             |  |
| EUT : Wireless Programming Tool        | Note : Mode 2: Transmit_Power by Battery |

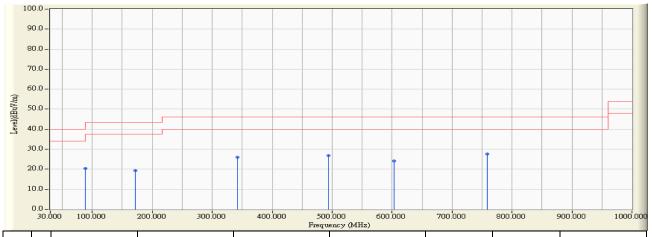


|   |   | Frequency | Correct Factor | Reading Level | Measure Level | Margin  | Limit    | Detector Type |
|---|---|-----------|----------------|---------------|---------------|---------|----------|---------------|
|   |   | (MHz)     | (dB)           | (dBuV)        | (dBuV/m)      | (dB)    | (dBuV/m) |               |
| 1 | * | 39.943    | -16.355        | 40.081        | 23.726        | -16.274 | 40.000   | QUASIPEAK     |
| 2 |   | 171.984   | -22.361        | 40.563        | 18.203        | -25.317 | 43.520   | QUASIPEAK     |
| 3 |   | 229.578   | -20.654        | 43.675        | 23.021        | -22.999 | 46.020   | QUASIPEAK     |
| 4 |   | 453.769   | -14.327        | 35.236        | 20.909        | -25.111 | 46.020   | QUASIPEAK     |
| 5 |   | 606.422   | -11.709        | 35.784        | 24.075        | -21.945 | 46.020   | QUASIPEAK     |
| 6 |   | 784.054   | -11.226        | 40.244        | 29.018        | -17.002 | 46.020   | QUASIPEAK     |

- 1. All Reading Levels are Quasi-Peak value.
- 2. " \* ", means this data is the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor.



| Site : CB4-H                                    | Time : 2018/06/29                        |
|---|--|
| Limit : FCC_SpartC_15.209_03M_QP                | Margin : 6                               |
| Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL | Power : DC 11.1V (Power by Battery)      |
| EUT : Wireless Programming Tool                 | Note : Mode 2: Transmit_Power by Battery |



|   |   | Frequency | Correct Factor | Reading Level | Measure Level | Margin  | Limit    | Detector Type |
|---|---|-----------|----------------|---------------|---------------|---------|----------|---------------|
|   |   | (MHz)     | (dB)           | (dBuV)        | (dBuV/m)      | (dB)    | (dBuV/m) |               |
| 1 |   | 89.049    | -24.154        | 44.474        | 20.320        | -23.200 | 43.520   | QUASIPEAK     |
| 2 |   | 171.984   | -22.361        | 41.644        | 19.284        | -24.236 | 43.520   | QUASIPEAK     |
| 3 |   | 342.461   | -17.771        | 43.887        | 26.116        | -19.904 | 46.020   | QUASIPEAK     |
| 4 |   | 494.024   | -14.894        | 41.750        | 26.856        | -19.164 | 46.020   | QUASIPEAK     |
| 5 |   | 603.755   | -11.780        | 35.842        | 24.062        | -21.958 | 46.020   | QUASIPEAK     |
| 6 | * | 758.591   | -10.848        | 38.349        | 27.502        | -18.518 | 46.020   | QUASIPEAK     |

- 1. All Reading Levels are Quasi-Peak value.
- 2. " \* ", means this data is the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor.