

廠商會檢定中心

**TEST REPORT** 

| Report No.         | : | AU0050957(4)  |   | Date :  | 29 Aug 2016                          |  |  |  |
|--------------------|---|---|---|---|--------------------------------------|--|--|--|
| Application No.    | : | LU0029366(4)  |   |   |                                      |  |  |  |
| Applicant          | : | Zego Electronic Company<br>Room 703, Kowloon Bui<br>555 Nathan Road, Kowlo                                      | Zego Electronic Company Limited<br>Room 703, Kowloon Building,<br>555 Nathan Road, Kowloon, HK                            |   |                                      |  |  |  |
| Sample Description | : | One(1) item of submitted<br>of Model No. <u>6001435</u><br>Sample registration No.<br>Radio Frequency<br>Rating | sample stated to be<br>: RU0036128-003<br>: 2412MHz – 2462<br>: 2402MHz – 2475<br>: USB 5V charging<br>: 3.7V rechargeabl | Copter of V<br>MHz Transo<br>MHz Transo<br>g adaptor<br>e battery | <u>ega Drone</u><br>ceiver<br>ceiver |  |  |  |
| Date Received      | : | 03 Aug 2016   |   |   |                                      |  |  |  |
| Test Period        | : | 15 Aug 2016 to 19 Aug 2016  |   |   |                                      |  |  |  |
| Test Requested     | : | FCC Part 15 Certificate (15.247), FCC Part 15 Verification Procedure  |   |   |                                      |  |  |  |
| Test Method        | : | 47 CFR Part 15 (10-1-14 Edition), ANSI C63.4 – 2014, ANSI C63.10 – 2013 KDB 558074 D01 DTS Meas Guidance v03r03 |   |   |                                      |  |  |  |
| Test Engineer      | : | Mr. LEUNG Shu-kan, Ken  |   |   |                                      |  |  |  |
| Test Result        | : | See attached sheet(s) from page 2 to 61.  |   |   |                                      |  |  |  |
| Conclusion         | : | The submitted sample was found to comply with requirement of FCC Part 15 Subpart B and C.                       |   |   |                                      |  |  |  |

For and on behalf of CMA Industrial Development Foundation Limited

Authorized Signature : Page 1 of 61 Mr. WONG Lap-pong Andrew Manager Electrical Division FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing



### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

-

#### **Table of Contents**

| 1 ( | General Information  |    |
|-----|--|----|
| 1.1 | General Description  |    |
| 1.2 | 2 Location of the test site  |    |
| 1.3 | 3 List of measuring equipment  | 5  |
| 1.4 | 4 Measurement Uncertainty  | 6  |
| 2   | Description of the radiated emission test                                  | 7  |
| 2.1 | Test Procedure   | 7  |
| 2.2 | 2 Test Result  | 8  |
| 2.3 | Radiated Emission Measurement Data   | 9  |
| 2.4 | Data of Conducted Emission   | 17 |
| 3   | Description of the Line-conducted Test                                     |    |
| 3.1 | Test Procedure   |    |
| 3.2 | 2 Test Result  |    |
| 3.3 | Graph and Table of Conducted Emission Measurement Data                     |    |
| 4   | Photograph   | 19 |
| 4.1 | Photographs of the Test Setup for Radiated Emission and Conducted Emission | 19 |
| 4.2 | Photographs of the External and Internal Configurations of the EUT         | 19 |
| 5 3 | Supplementary document   |    |
| 5.1 | Bandwidth  | 20 |
| 5.2 | 2 Power Spectral Density   |    |
| 5.3 | 3 Antenna requirement  |    |
| 6   | Appendices   |    |

#### FCC ID: 2ACS618RX

Page 2 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



## **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### 1 General Information

#### **1.1 General Description**

The equipment under test (EUT) is a APP control drone. The EUT is power by 3.7V rechargeable battery. It operates at 2412MHz – 2462MHz. The EUT is connected with smart phone by WiFi (802.11b and 802.11g). When the user using the app, the EUT will take the corresponding action. User can also use the self-developed control protocol to control the drone. The self-develop control operates at 2402MHz – 2475MHz.

The brief circuit description is listed as follows:

| - U2        | and its associated circuit act as self-develop RF module |
|-------------|--|
| - U1 (WiFi) | and its associated circuit act as WiFi module            |
| - U1, U2    | and its associated circuit act as MCU                    |
| - Q1        | and its associated circuit act as power regulator        |
| - Y1        | and its associated circuit act as oscillator             |
| - U4, U5    | and its associated circuit act as motor control          |

FCC ID: 2ACS618RX

Page 3 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

### **1.2** Location of the test site

FCC Registered Test Site Number: 552221

Radiated emissions measurements are investigated and taken pursuant to the procedures of ANSI C63.10 - 2013. A Semi-Anechoic Chamber Testing Site is set up for investigation and located at:

Ground Floor, Yan Hing Centre, 9 – 13 Wong Chuk Yeung Street, Fo Tan, Shatin, New Territories, Hong Kong.

Conducted emissions measurements are investigated and also taken pursuant to the procedures of ANSI C63.10 - 2013. A shielded room is located at :

Ground Floor, Yan Hing Centre, 9 – 13 Wong Chuk Yeung Street, Fo Tan, Shatin, New Territories, Hong Kong.

FCC ID: 2ACS618RX

Page 4 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

> CMA Industrial Development Foundation Limited Room 1302, Yan Hing Centre, 9-13 Wong Chuk Yeung St., Fo Tan, Shatin, N.T., Hong Kong.

Tel: (852) 2698 8198 Fax: (852) 2695 4177 E-mail: info@cmatcl.com Web Site: http://www.cmatcl.com



廠商會檢定中心

### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29

29 Aug 2016

#### **1.3** List of measuring equipment

| Equipment               | Manufacturer     | Model No.    | Serial No.  | Calibration Due Date | Calibration Period |
|-------------------------|------------------|--------------|-------------|----------------------|--------------------|
| EMI Test Receiver       | R&S              | ESCI         | 100152      | 27 Sep 2016          | 1Year              |
| Spectrum Analyzer       | R&S              | FSV40        | 100628      | 09 Feb 2017          | 1Year              |
| Broadband Antenna       | Schaffner        | CBL6112B     | 2718        | 15 Mar 2017          | 2Years             |
| Loop Antenna            | EMCO             | 6502         | 00056620    | 25 Jan 2018          | 2Years             |
| Horn Antenna            | Schwarzbeck      | BBHA 9120D   | 9120D-531   | 24 Nov 2016          | 2Years             |
| Broadband Pre-Amplifier | Schwarzbeck      | BBV 9718     | 9718-119    | 24 Nov 2016          | 2Years             |
| Horn Antenna            | Schwarzbeck      | BBHA 9170    | BBHA9170442 | 02 Aug 2017          | 2Years             |
| Broadband Pre-Amplifier | Schwarzbeck      | BBV 9719     | 9719-010    | 02 Aug 2017          | 2Years             |
| Coaxial Cable           | Schaffner        | RG 213/U     | N/A         | 18 May 2017          | 1Years             |
| Coaxial Cable           | Suhner           | RG 214/U     | N/A         | 18 May 2017          | 1Years             |
| Coaxial Cable           | Suhner           | Sucoflex_104 | N/A         | 13 Dec 2016          | 1Years             |
| LISN                    | R&S              | ENV216       | 101323      | 21 Oct 2016          | 1Year              |
| Coaxial Cable           | Tyco Electronics | RG 58C/U     | N/A         | 01 Nov 2016          | 1Year              |

Support equipment:

Adaptor Model: A1299

Supply by CMA

### FCC ID: 2ACS618RX

Page 5 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



廠商會檢定中心

### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### **1.4** Measurement Uncertainty

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%.

| Radiated emissions           |                                 |  |  |  |  |  |
|------------------------------|---------------------------------|--|--|--|--|--|
| Frequency                    | Uncertainty (U <sub>lab</sub> ) |  |  |  |  |  |
| 30MHz ~ 200MHz (Horizontal)  | 4.83dB                          |  |  |  |  |  |
| 30MHz ~ 200MHz (Vertical)    | 4.84dB                          |  |  |  |  |  |
| 200MHz ~1000MHz (Horizontal) | 4.87dB                          |  |  |  |  |  |
| 200MHz ~1000MHz (Vertical)   | 5.94dB                          |  |  |  |  |  |
| 1GHz ~6GHz                   | 4.41dB                          |  |  |  |  |  |
| 6GHz ~18GHz                  | 4.64dB                          |  |  |  |  |  |

#### Conducted emissions

| Frequency    | Uncertainty (U <sub>lab</sub> ) |  |  |
|--------------|---------------------------------|--|--|
| 150kHz~30MHz | 2.64dB                          |  |  |

#### FCC ID: 2ACS618RX

Page 6 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### 2 Description of the radiated emission test

#### 2.1 Test Procedure

Radiated emissions measurements are investigated and taken pursuant to the procedures of ANSI C63.10 - 2013.

The equipment under test (EUT) was placed on a non-conductive turntable with dimensions of 1.5m x 1m and 0.8m high above the ground for below 1GHz measurement and 1.5m high above the ground for above 1GHz measurement. 3m from the EUT, a broadband antenna mounting on the mast received the signal strength. The turntable was rotated to maximize the emission level. The antenna was then moving along the mast from 1m up to 4m until no more higher value was found. Both horizontal and vertical polarization of the antenna were placed and investigated.

For below 30MHz, a loop antenna with its vertical plane is placed 3m from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. And the centre of the loop shall be 1 m above the ground.

For 30MHz to 1GHz, broadband antenna with its vertical and horizontal plane is placed 3m from the EUT and rotated about its vertical and horizontal axis for maximum response at each azimuth about the EUT. And the reference point of antenna shall be 1 m above the ground.

For above 1GHz, horn antenna with its vertical and horizontal plane is placed 3m from the EUT and rotated about its vertical and horizontal axis for maximum response at each azimuth about the EUT. Preamplifier and High Pass filter was used for measurements. The reference point of antenna shall be 1 m above the ground.

The device was rotated through three orthogonal to determine which attitude and configuration produce the highest emission during measurement for Radiated Emission measurement.

FCC ID: 2ACS618RX

Page 7 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.



## **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### 2.2 Test Result

Subpart C:

Peak Detector data were measured unless otherwise stated.

"#" means emissions appear within the restricted bands shall follow the requirement of section 15.205.

The frequencies from fundamental up to that tenth harmonics were investigated, and emissions more 20dB below limit were not reported. Thus, those highest emissions were presented in next page (section 2.3).

It was found that the EUT meet the FCC requirement

<u>Subpart B:</u> Quasi-Peak Detector data were measured unless otherwise stated.

"#" means emissions appear within the restricted bands shall follow the requirement of section 15.205.

The emissions meet the requirement of section 15.109 are based on measurements employing the CISPR quasi-peak detector below 1000MHz and average detector for frequencies above 1000MHz.

The frequencies from 30MHz to 1000MHz were investigated, and emissions more 20dB below limit were not reported. Thus, those highest emissions were presented in next page (section 2.3).

It was found that the EUT meet the FCC requirement.

#### FCC ID: 2ACS618RX

Page 8 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

### 2.3 Radiated Emission Measurement Data

**Radiated emission** 

#### pursuant to

#### the requirement of FCC Part 15 subpart C

Environmental conditions:

| Parameter            | Recorded value |    |
|----------------------|----------------|----|
| Ambient temperature: | 26             | °C |
| Relative humidity:   | 60             | %  |

Measurement: Peak Testing frequency range: 91 RBW: 1MHz VBW: 3MHz

| g frequency range: 9kHz to 25GHz Mode: Self-develop control protocol |                   |                            |                                |                                     |                         |                |  |
|--|-------------------|----------------------------|--------------------------------|-------------------------------------|-------------------------|----------------|--|
| Frequency<br>(MHz)   | Polarity<br>(H/V) | Reading<br>at 3m<br>(dBµV) | Transducer<br>Factor<br>(dB/m) | Field Strength<br>at 3m<br>(dBµV/m) | Limit at 3m<br>(dBµV/m) | Margin<br>(dB) |  |
| 2402.004   | V                 | 74.3                       | - 4.2                          | 70.1                                | 114.0                   | - 43.9         |  |
| #4803.440  | V                 | 39.9                       | 3.7                            | 43.6                                | 74.0                    | - 30.4         |  |
| #4803.910  | Н                 | 42.2                       | 3.7                            | 45.9                                | 74.0                    | - 28.1         |  |
| 7205.225   | V                 | 40.4                       | 11.5                           | 51.9                                | 74.0                    | - 22.1         |  |
|  |                   |                            |                                |                                     |                         |                |  |
| 2433.118   | Н                 | 73.0                       | - 4.2                          | 68.8                                | 114.0                   | - 45.2         |  |
| #4865.345  | Н                 | 42.7                       | 3.7                            | 46.4                                | 74.0                    | - 27.6         |  |
| #4865.526  | V                 | 42.5                       | 3.7                            | 46.2                                | 74.0                    | - 27.8         |  |
| #7298.272  | Н                 | 40.7                       | 11.5                           | 52.2                                | 74.0                    | - 21.8         |  |
|  |                   | -                          |                                | •                                   |                         |                |  |
| 2475.123   | V                 | 74.0                       | - 4.3                          | 69.7                                | 114.0                   | - 44.3         |  |
| #4949.306  | Н                 | 40.9                       | 4.0                            | 44.9                                | 74.0                    | - 29.1         |  |
| #4950.065  | V                 | 40.7                       | 4.0                            | 44.7                                | 74.0                    | - 29.3         |  |
| #7425.137  | V                 | 39.5                       | 11.5                           | 51.0                                | 74.0                    | - 23.0         |  |

Remark: Other emissions more than 20dB below the limit are not reported.

Peak measurement values are lower than average limit, therefore average measurement is not necessary.

FCC ID: 2ACS618RX

Page 9 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com This document shall not be reproduced except in full or with written approval by CMA Testing

CMA Industrial Development Foundation Limited

Room 1302, Yan Hing Centre, 9-13 Wong Chuk Yeung St., Fo Tan, Shatin, N.T., Hong Kong.

Tel: (852) 2698 8198 Fax: (852) 2695 4177 E-mail: info@cmatcl.com Web Site: http://www.cmatcl.com

### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

### 2.3 Radiated Emission Measurement Data

**Radiated emission** 

#### pursuant to

#### the requirement of FCC Part 15 subpart C

Environmental conditions:

| Parameter            | Recorded value |     |
|----------------------|----------------|-----|
| Ambient temperature: | 26             | ° C |
| Relative humidity:   | 60             | %   |

Measurement: PeakRBW: 1MHzVBW: 3MHzTesting frequency range: 9kHz to 25GHzMode: 802.11b

| inge. )KHZ        | to 250112  | Mode: 002.1  | 10  |   |   |
|-------------------|--|--|---|---|---|
| Polarity<br>(H/V) | Reading<br>at 3m<br>(dBµV)                                     | Transducer<br>Factor<br>(dB/m)   | Field Strength<br>at 3m<br>(dBµV/m)   | Limit at 3m<br>(dBµV/m)   | Margin<br>(dB)  |
| Н                 | 109.8  | - 4.2  | 105.6   | 114.0   | - 8.4   |
| V                 | 40.0   | 3.7  | 43.7  | 74.0  | - 30.3  |
| Н                 | 37.5   | 3.7  | 41.2  | 74.0  | - 32.8  |
|                   |  |  |   |   |   |
| Н                 | 108.5  | - 4.2  | 104.3   | 114.0   | - 9.7   |
| Н                 | 38.0   | 3.7  | 41.7  | 74.0  | - 32.3  |
| V                 | 40.8   | 3.7  | 44.5  | 74.0  | - 29.5  |
| •                 | •  |  | •   |   |   |
| Н                 | 105.2  | - 4.3  | 100.9   | 114.0   | - 13.1  |
| Н                 | 38.8   | 4.0  | 42.8  | 74.0  | - 31.2  |
| V                 | 38.6   | 4.0  | 42.6  | 74.0  | - 31.4  |
|                   | Polarity<br>(H/V)<br>H<br>V<br>H<br>H<br>H<br>V<br>H<br>H<br>V | Polarity<br>(H/V) Reading<br>at 3m<br>(dBμV)   H 109.8   V 40.0   H 37.5   H 108.5   H 38.0   V 40.8   H 105.2   H 38.8   V 38.6 | Polarity<br>(H/V) Reading<br>at 3m<br>(dBµV) Transducer<br>Factor<br>(dB/m)   H 109.8 - 4.2   V 40.0 3.7   H 37.5 3.7   H 38.0 3.7   V 40.8 3.7   H 38.8 4.0   V 38.6 4.0 | Polarity<br>(H/V) Reading<br>at 3m<br>(dBμV) Transducer<br>Factor<br>(dB/m) Field Strength<br>at 3m<br>(dBμV/m)   H 109.8 - 4.2 105.6   V 40.0 3.7 43.7   H 37.5 3.7 41.2   H 108.5 - 4.2 104.3   H 38.0 3.7 41.7   V 40.8 3.7 44.5   H 105.2 - 4.3 100.9   H 38.8 4.0 42.8   V 38.6 4.0 42.6 | Polarity<br>(H/V)Reading<br>at 3m<br>(dBμV)Transducer<br>Factor<br>(dB/m)Field Strength<br>at 3m<br>(dBμV/m)Limit at 3m<br>(dBμV/m)H109.8- 4.2105.6114.0V40.03.743.774.0H37.53.741.274.0H108.5- 4.2104.3114.0H108.5- 4.2104.3114.0H38.03.741.774.0H38.03.744.574.0H105.2- 4.3100.9114.0H38.84.042.874.0V38.64.042.674.0 |

Remark: Other emissions more than 20dB below the limit are not reported.

FCC ID: 2ACS618RX

Page 10 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com This document shall not be reproduced except in full or with written approval by CMA Testing

CMA Industrial Development Foundation Limited

### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### 2.3 Radiated Emission Measurement Data (Con't)

**Radiated emission** 

#### pursuant to

#### the requirement of FCC Part 15 subpart C

Environmental conditions:

| Parameter            | Recorded value |    |
|----------------------|----------------|----|
| Ambient temperature: | 25             | °C |
| Relative humidity:   | 61             | %  |

Measurement: AverageRBW: 1MHzVBW: 10HzTesting frequency range: 9kHz to 25GHzMode: 802.11b

| Frequency<br>(MHz) | Polarity<br>(H/V) | Reading<br>at 3m<br>(dBµV) | Transducer<br>Factor<br>(dB/m) | Field Strength<br>at 3m<br>(dBµV/m) | Limit at 3m<br>(dBµV/m) | Margin<br>(dB) |  |
|--------------------|-------------------|----------------------------|--------------------------------|-------------------------------------|-------------------------|----------------|--|
| 2412.328           | Н                 | 65.8                       | - 4.2                          | 61.6                                | 94.0                    | - 32.4         |  |
| #4823.995          | Н                 | 22.4                       | 3.7                            | 26.1                                | 54.0                    | - 27.9         |  |
| #4823.998          | V                 | 23.3                       | 3.7                            | 27.0                                | 54.0                    | - 27.0         |  |
|                    |                   |                            |                                |                                     |                         |                |  |
| 2436.090           | Н                 | 65.1                       | - 4.2                          | 60.9                                | 94.0                    | - 33.1         |  |
| #4873.943          | V                 | 24.0                       | 3.7                            | 27.7                                | 54.0                    | - 26.3         |  |
| #4874.041          | Н                 | 22.6                       | 3.7                            | 26.3                                | 54.0                    | - 27.7         |  |
|                    | •                 | •                          |                                |                                     |                         |                |  |
| 2463.540           | Н                 | 63.3                       | - 4.3                          | 59.0                                | 94.0                    | - 35.0         |  |
| #4923.947          | V                 | 22.1                       | 4.0                            | 26.1                                | 54.0                    | - 27.9         |  |
| #4923.970          | Н                 | 22.3                       | 4.0                            | 26.3                                | 54.0                    | - 27.7         |  |

Remark: Other emissions more than 20dB below the limit are not reported.

FCC ID: 2ACS618RX

Page 11 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com This document shall not be reproduced except in full or with written approval by CMA Testing

CMA Industrial Development Foundation Limited

### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### 2.3 Radiated Emission Measurement Data (Con't)

**Radiated emission** 

#### pursuant to

#### the requirement of FCC Part 15 subpart C

| Environmental | conditions: |
|---------------|-------------|
|---------------|-------------|

| Parameter            | Recorded value |     |
|----------------------|----------------|-----|
| Ambient temperature: | 26             | ° C |
| Relative humidity:   | 60             | %   |

Measurement: PeakRBW: 1MHzVBW: 3MHzTesting frequency range: 9kHz to 25GHzMode: 802.11g

| <u>ig nequency ra</u> | inge. MIL         | 10 230HZ                   | Widde. 802.1                   | Ig                                  |                         |                |
|-----------------------|-------------------|----------------------------|--------------------------------|-------------------------------------|-------------------------|----------------|
| Frequency<br>(MHz)    | Polarity<br>(H/V) | Reading<br>at 3m<br>(dBµV) | Transducer<br>Factor<br>(dB/m) | Field Strength<br>at 3m<br>(dBµV/m) | Limit at 3m<br>(dBµV/m) | Margin<br>(dB) |
| 2415.444              | Н                 | 108.7                      | - 4.2                          | 104.5                               | 114.0                   | - 9.5          |
| #4824.132             | V                 | 37.5                       | 3.7                            | 41.2                                | 74.0                    | - 32.8         |
| #4824.177             | Н                 | 36.5                       | 3.7                            | 40.2                                | 74.0                    | - 33.8         |
|                       |                   |                            |                                |                                     |                         |                |
| 2440.725              | Н                 | 107.1                      | - 4.2                          | 102.9                               | 114.0                   | - 11.1         |
| #4873.693             | Н                 | 37.0                       | 3.7                            | 40.7                                | 74.0                    | - 33.3         |
| #4873.951             | V                 | 37.5                       | 3.7                            | 41.2                                | 74.0                    | - 32.8         |
|                       |                   |                            |                                |                                     |                         |                |
| 2465.775              | Н                 | 104.2                      | - 4.3                          | 99.9                                | 114.0                   | - 14.1         |
| #4923.947             | V                 | 35.8                       | 4.0                            | 39.8                                | 74.0                    | - 34.2         |
| #4923.369             | Н                 | 36.0                       | 4.0                            | 40.0                                | 74.0                    | - 34.0         |

Remark: Other emissions more than 20dB below the limit are not reported.

FCC ID: 2ACS618RX

Page 12 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com. This document shall not be reproduced except in full or with written approval by CMA Testing

CMA Industrial Development Foundation Limited

### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### 2.3 Radiated Emission Measurement Data (Con't)

**Radiated emission** 

#### pursuant to

#### the requirement of FCC Part 15 subpart C

Environmental conditions:

| Parameter            | Recorded value |    |
|----------------------|----------------|----|
| Ambient temperature: | 26             | °C |
| Relative humidity:   | 60             | %  |

Measurement: AverageRBW: 1MHzVBW: 10HzTesting frequency range: 9kHz to 25GHzMode: 802.11g

| Frequency<br>(MHz) | Polarity<br>(H/V) | Reading<br>at 3m<br>(dBµV) | Transducer<br>Factor<br>(dB/m) | Field Strength<br>at 3m<br>(dBµV/m) | Limit at 3m<br>(dBµV/m) | Margin<br>(dB) |
|--------------------|-------------------|----------------------------|--------------------------------|-------------------------------------|-------------------------|----------------|
| 2406.559           | Н                 | 54.1                       | - 4.2                          | 49.9                                | 94.0                    | - 44.1         |
| #4823.932          | V                 | 21.7                       | 3.7                            | 25.4                                | 54.0                    | - 28.6         |
| #4823.990          | Н                 | 21.3                       | 3.7                            | 25.0                                | 54.0                    | - 29.0         |
|                    |                   |                            |                                |                                     |                         |                |
| 2438.725           | Н                 | 46.5                       | - 4.2                          | 42.3                                | 94.0                    | - 51.7         |
| #4873.955          | V                 | 22.3                       | 3.7                            | 26.0                                | 54.0                    | - 28.0         |
| #4874.007          | Н                 | 21.9                       | 3.7                            | 25.6                                | 54.0                    | - 28.4         |
|                    |                   |                            |                                |                                     |                         |                |
| 2458.675           | Н                 | 45.6                       | - 4.3                          | 41.3                                | 94.0                    | - 52.7         |
| #4923.901          | V                 | 20.6                       | 4.0                            | 24.6                                | 54.0                    | - 29.4         |
| #4924.057          | Н                 | 20.8                       | 4.0                            | 24.8                                | 54.0                    | - 29.2         |

Remark: Other emissions more than 20dB below the limit are not reported.

FCC ID: 2ACS618RX

Page 13 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing

CMA Industrial Development Foundation Limited

CMA and Labo

# CMA Testing and Certification Laboratories

廠商會檢定中心

### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### 2.3 Radiated Emission Measurement Data (Con't)

#### **Radiated emission**

#### pursuant to

#### the requirement of FCC Part 15 subpart C

| Recorded value |                           |
|----------------|---------------------------|
| 26             | °C                        |
| 60             | %                         |
| 2              | ecorded value<br>26<br>60 |

Detector: Quasi-peak RBW: 120kHz VBW: 300kHz

Testing frequency range: 9kHz to 25GHz Operation mode: Transmission

| Frequency | Polarity | Reading | Antenna Factor          | Field Strength | Limit at 3m   | Margin |
|-----------|----------|---------|-------------------------|----------------|---------------|--------|
| (MHZ)     | (H/V)    | at 3m   | and Cable Loss $(dB/m)$ | at 3m          | $(dB\mu V/m)$ | (dB)   |
|           |          | (ubµv)  | (uD/III)                | (ubµ v/III)    |               |        |
| #251.928  | Н        | 18.5    | 15.4                    | 33.9           | 46.0          | - 12.1 |
| 288.006   | Н        | 17.8    | 15.4                    | 33.2           | 46.0          | - 12.8 |
| #324.003  | Н        | 18.4    | 16.8                    | 35.2           | 46.0          | - 10.8 |
| 360.011   | Н        | 17.1    | 16.8                    | 33.9           | 46.0          | - 12.1 |
| 397.006   | Н        | 18.1    | 16.8                    | 34.9           | 46.0          | - 11.1 |
| 475.020   | Н        | 20.6    | 20.6                    | 41.2           | 46.0          | - 4.8  |
| 502.006   | Н        | 20.5    | 22.2                    | 42.7           | 46.0          | - 3.3  |

Remark: Other emissions more than 20dB below the limit are not reported.

#### FCC ID: 2ACS618RX

Page 14 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited

**MA** 

# CMA Testing and Certification Laboratories

廠商會檢定中心

### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### 2.3 Radiated Emission Measurement Data (Con't)

#### **Radiated emission**

#### pursuant to

#### the requirement of FCC Part 15 subpart B

| Recorded value |                           |
|----------------|---------------------------|
| 26             | °C                        |
| 60             | %                         |
| 2              | ecorded value<br>26<br>60 |

Detector: Quasi-peak RBW: 120kHz VBW: 300kHz

Testing frequency range: 9kHz to 25GHz Operation mode: Receiving

| Frequency | Polarity | Reading | Antenna Factor | Field Strength | Limit at 3m   | Margin |
|-----------|----------|---------|----------------|----------------|---------------|--------|
| (MHz)     | (H/V)    | at 3m   | and Cable Loss | at 3m          | $(dB\mu V/m)$ | (dB)   |
|           |          | (dBµV)  | (dB/m)         | (dBµV/m)       |               |        |
| #149.982  | Н        | 12.8    | 14.1           | 26.9           | 43.5          | - 16.6 |
| 200.012   | Н        | 15.2    | 12.0           | 27.2           | 43.5          | - 16.3 |
| #252.008  | Н        | 15.8    | 15.4           | 31.2           | 46.0          | - 14.8 |
| 288.011   | Н        | 14.2    | 15.4           | 29.6           | 46.0          | - 16.4 |
| 397.033   | Н        | 15.7    | 16.8           | 32.5           | 46.0          | - 13.5 |
| 425.020   | Н        | 16.5    | 20.0           | 36.5           | 46.0          | - 9.5  |
| 475.010   | Н        | 21.9    | 20.0           | 41.9           | 46.0          | - 4.1  |

Remark: Other emissions more than 20dB below the limit are not reported.

#### FCC ID: 2ACS618RX

Page 15 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited

廠商會檢定中心

### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### 2.3 Radiated Emission Measurement Data (Con't)

#### **Radiated emission**

#### pursuant to

#### the requirement of FCC Part 15 subpart B

| Recorded value |                           |
|----------------|---------------------------|
| 26             | °C                        |
| 60             | %                         |
| 2              | ecorded value<br>26<br>60 |

Detector: Quasi-peak RBW: 120kHz VBW: 300kHz

Testing frequency range: 9kHz to 25GHz Operation mode: Charging

| Frequency | Polarity | Reading | Antenna Factor | Field Strength | Limit at 3m | Margin |
|-----------|----------|---------|----------------|----------------|-------------|--------|
| (MHz)     | (H/V)    | at 3m   | and Cable Loss | at 3m          | (dBµV/m)    | (dB)   |
|           |          | (dBµV)  | (dB/m)         | (dBµV/m)       |             |        |
| 47.712    | Н        | 6.3     | 12.8           | 19.1           | 40.0        | - 20.9 |
| 93.857    | Н        | 9.9     | 10.1           | 20.0           | 43.5        | - 23.5 |
| 151.966   | Н        | 7.1     | 14.1           | 21.2           | 43.5        | - 22.3 |
| 218.126   | Н        | 8.5     | 11.8           | 20.3           | 43.5        | - 23.2 |
| #251.155  | Н        | 8.3     | 15.4           | 23.7           | 46.0        | - 22.3 |
| 296.292   | Н        | 8.5     | 15.4           | 23.9           | 46.0        | - 22.1 |
| #331.552  | Н        | 8.4     | 16.8           | 25.2           | 46.0        | - 20.8 |

Remark: Other emissions more than 20dB below the limit are not reported.

#### FCC ID: 2ACS618RX

Page 16 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited

廠商會檢定中心

### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### 2.4 Data of Conducted Emission

| Environmental conditions: | _              |    |
|---------------------------|----------------|----|
| Parameter                 | Recorded value |    |
| Ambient temperature:      | 26             | °C |
| Relative humidity:        | 60             | %  |
|                           | -              |    |

Measurement: Peak RBW: 1MHz VBW: 3MHz

#### Mode: Self-develop control

| _ | Frequency<br>(MHz) | Reading<br>(dBm) | Reading<br>(mW) | Limit (mW) | Margin<br>(mW) |
|---|--------------------|------------------|-----------------|------------|----------------|
|   | 2402.154           | - 5.00           | 0.316           | 1000.0     | - 999.684      |
|   | 2433.099           | - 4.87           | 0.326           | 1000.0     | - 999.674      |
|   | 2475.154           | - 4.78           | 0.333           | 1000.0     | - 999.667      |

Mode: 802.11b

| 2412.050 | 1.89 | 1.545 | 398.1 | - 396.555 |
|----------|------|-------|-------|-----------|
| 2437.050 | 1.51 | 1.416 | 398.1 | - 396.684 |
| 2462.100 | 1.19 | 1.315 | 398.1 | - 396.785 |

Mode: 802.11g

| 2415.596 | 0.92   | 1.236 | 398.1 | - 396.864 |
|----------|--------|-------|-------|-----------|
| 2440.696 | 0.62   | 1.154 | 398.1 | - 396.946 |
| 2465.596 | - 0.26 | 0.942 | 398.1 | - 397.158 |

Remark:

Antenna gain for WiFi: 12dBi

The antenna gain of the WiFi of the EUT is greater than 6dBi. Following 15.247(c), the total conducted output power shall be reduced by 1 dB below the specified limits for each 3dB. Therefore the total conducted output power shall be reduced by 4dB.

1W = 30dBm, thus the limit is reduced to dB due to antenna gain is greater than 6dBi. 26dBm = 398.1mW

FCC ID: 2ACS618RX

Page 17 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com This document shall not be reproduced except in full or with written approval by CMA Testing

CMA Industrial Development Foundation Limited



### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

### **3** Description of the Line-conducted Test

#### 3.1 Test Procedure

Conducted emissions measurements are investigated and also taken pursuant to the procedures of ANSI C63.10 - 2013. The EUT was setup as described in the procedures, and both lines were measured.

#### 3.2 Test Result

The EUT connected to an adaptor for charging

#### 3.3 Graph and Table of Conducted Emission Measurement Data

The plots in Appendices A6 show the graph and data of conducted emission.

#### FCC ID: 2ACS618RX

Page 18 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.



# **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### 4 Photograph

#### 4.1 Photographs of the Test Setup for Radiated Emission and Conducted Emission

For electronic filing, the photos are saved with filename 2ACS618RX TSup.pdf.

#### 4.2 Photographs of the External and Internal Configurations of the EUT

For electronic filing, the photos are saved with filename 2ACS618RX ExPho.pdf and 2ACS618RX InPho.pdf.

FCC ID: 2ACS618RX

Page 19 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

> CMA Industrial Development Foundation Limited Room 1302, Yan Hing Centre, 9-13 Wong Chuk Yeung St., Fo Tan, Shatin, N.T., Hong Kong.

Tel: (852) 2698 8198 Fax: (852) 2695 4177 E-mail: info@cmatcl.com Web Site: http://www.cmatcl.com



廠商會檢定中心

### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### 5 Supplementary document

The following document were submitted by applicant, and for electronic filing, the document are saved with the following filenames:

| Document                       | Filename     |
|--------------------------------|--------------|
| ID Label/Location              | LabelSmp.jpg |
| Block Diagram                  | BlkDia.pdf   |
| Schematic Diagram              | Schem.pdf    |
| Users Manual                   | UserMan.pdf  |
| <b>Operational Description</b> | OpDes.pdf    |

#### 5.1 Bandwidth

The plot in Appendices A7 shows the band edge is fulfil 15.205 restricted band, 15.247(d) requirement.

The plot in Appendices A8 shows the 6dB bandwidth has minimum 500kHz for frequency channel 2402MHz, 2433MHz and 2475MHz. It fulfils the section 15.247(a)(2) requirement.

The plot in Appendices A8 shows the 6dB bandwidth has minimum 500kHz for frequency channel 2412MHz, 2437MHz and 2462MHz. It fulfils the section 15.247(a)(2) requirement.

#### 5.2 **Power Spectral Density**

The plot in Appendices A9 shows the frequency channel 2402MHz, 2433MHz and 2475MHz were not excess 8dBm for 3kHz bandwidth. It fulfils the section 15.247(e) requirement.

The plot in Appendices A9 shows the frequency channel 2412MHz, 2437MHz and 2462MHz were not excess 8dBm for 3kHz bandwidth. It fulfils the section 15.247(e) requirement.

#### 5.3 Antenna requirement

Appendices A4 shows the antenna is permanently attached and cannot be changed. Therefore it fulfils the section 15.203 requirement

FCC ID: 2ACS618RX

Page 20 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing

廠商會檢定中心

# **TEST REPORT**

| Repo   | rt No.                                    | : AU0050957(4)                             |   | Date : | 29 Aug 2016 |
|--------|---|--|---|--------|-------------|
| 6 Appe |   | Appendices                                 |   |        |             |
|        | A1  | Photos of the set-up of Radiated Emissions | 3 | pages  |             |
|        | A2 Photos of the set-up of Conducted Emis |  | 1 | pages  |             |
|        | A3  | Photos of External Configurations          | 4 | pages  |             |
|        | A4  | Photos of Internal Configurations          | 5 | pages  |             |
|        | A5  | ID Label/Location                          | 1 | page   |             |
|        | A6  | Conducted Emission Measurement Data        | 2 | pages  |             |
|        | A7  | Band Edge                                  | 6 | pages  |             |
|        | A8  | 6dB Bandwidth Plot                         | 6 | pages  |             |
|        | A9  | Power Spectral Density                     | 6 | pages  |             |
|        | A10                                       | Transmission Power                         | 6 | pages  |             |

FCC ID: 2ACS618RX

Page 21 of 61

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



# **TEST REPORT**

Report No. :

AU0050957(4)

Date : 29 Aug 2016

A1. Photos of the set-up of Radiated Emissions



30Hz - 1GHz



9kHz - 30MHz

Tested by:

*JON* Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 22 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing.



# **TEST REPORT**

Report No.

AU0050957(4)

:

Date : 29 Aug 2016

A1. Photos of the set-up of Radiated Emissions



1GHz-25GHz

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 23 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.



# **TEST REPORT**

Report No. :

AU0050957(4)

Date : 29 Aug 2016

A1. Photos of the set-up of Radiated Emissions



(Front view, charging)



(Back view, charging)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 24 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.



# **TEST REPORT**

Report No. :

AU0050957(4)

Date: 29

29 Aug 2016

### A2. Photos of the set-up of Conducted Emissions



(Front view)



(Side view)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 25 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing.



# **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### A3 Photos of External Configurations



**External Configuration 1** 



**External Configuration 2** 

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 26 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.



# **TEST REPORT**

Report No. : AU

AU0050957(4)

A3

Date : 29 Aug 2016

Photos of External Configurations



**External Configuration 3** 



**External Configuration 4** 

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 27 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing.



# **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

A3 Photos of External Configurations



**External Configuration 5** 



External Configuration 6

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 28 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.



# **TEST REPORT**

Report No. : AU

AU0050957(4)

Date : 29 Aug 2016

A3 Photos of External Configurations



External Configuration 7

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 29 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.



# **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### A4 Photos of Internal Configurations



Internal Configuration 1



Internal Configuration 2

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 30 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com This document shall not be reproduced except in full or with written approval by CMA Testing



### **TEST REPORT**

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### A4 Photos of Internal Configurations



Internal Configuration 3



Internal Configuration 4

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 31 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com This document shall not be reproduced except in full or with written approval by CMA Testing



# TEST REPORT

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### A4 Photos of Internal Configurations



Internal Configuration 5



Internal Configuration 6

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 32 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.



# TEST REPORT

Report No. : AU0050957(4)

Date : 29 Aug 2016

### A4 Photos of Internal Configurations



Internal Configuration 7

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 33 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.



### TEST REPORT

Report No. : AU0050957(4)

Date : 29 Aug 2016

#### A4 Photos of Internal Configurations



EUT antenna 1 (Self-develop RF module)



EUT antenna 2 (WiFi)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 34 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com This document shall not be reproduced except in full or with written approval by CMA Testing



廠商會檢定中心

### TEST REPORT

Report No.

AU0050957(4)

:

Date :

29 Aug 2016



A5 ID Label / Location

ID Label 1



ID Label2

Tested by:

*JON* Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 35 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com This document shall not be reproduced except in full or with written approval by CMA Testing

CMA Industrial Development Foundation Limited

**TEST REPORT** 

MA

Report No.

AU0050957(4)

:

Date :

29 Aug 2016

#### A6 Conducted Emission Measurement Date



Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 36 of 61

#### FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



廠商會檢定中心

### **TEST REPORT**

Report No. AU0050957(4) :

Date :

29 Aug 2016

#### **A6 Conducted Emission Measurement Date**

|         | EDIT       | PEAK LIST (Final | Measurement Resul | ts)            |  |  |  |  |
|---------|------------|------------------|-------------------|----------------|--|--|--|--|
| Tra     | cel:       | FCC-QP           |                   |                |  |  |  |  |
| Trace2: |            | FCC-AV           |                   |                |  |  |  |  |
| Tra     | ce3:       |                  |                   |                |  |  |  |  |
|         | TRACE      | FREQUENCY        | LEVEL dBµV        | DELTA LIMIT dB |  |  |  |  |
| 1       | Quasi Peak | 154.5 kHz        | 41.80 N gnd       | -23.95         |  |  |  |  |
| 2       | Average    | 177 kHz          | 33.32 N gnd       | -21.30         |  |  |  |  |
| 1       | Quasi Peak | 271.5 kHz        | 40.68 N gnd       | -20.39         |  |  |  |  |
| 2       | Average    | 271.5 kHz        | 27.99 N gnd       | -23.08         |  |  |  |  |
| 1       | Quasi Peak | 438 kHz          | 36.40 N gnd       | -20.69         |  |  |  |  |
| 2       | Average    | 585.5 kHz        | 33.46 N gnd       | -12.53         |  |  |  |  |
| 1       | Quasi Peak | 873.5 kHz        | 30.58 N gnd       | -25.41         |  |  |  |  |
| 2       | Average    | 1.166 MHz        | 29.92 N gnd       | -16.08         |  |  |  |  |
| 1       | Quasi Peak | 1.7375 MHz       | 33.20 L1 gnd      | -22.79         |  |  |  |  |
| 2       | Average    | 1.8815 MHz       | 24.97 N gnd       | -21.02         |  |  |  |  |
| 1       | Quasi Peak | 2.318 MHz        | 32.21 L1 gnd      | -23.78         |  |  |  |  |
| 2       | Average    | 2.3315 MHz       | 24.67 N gnd       | -21.33         |  |  |  |  |
| 2       | Average    | 4.0685 MHz       | 21.64 N gnd       | -24.35         |  |  |  |  |
| 1       | Quasi Peak | 4.3745 MHz       | 26.84 N gnd       | -29.15         |  |  |  |  |
| 1       | Quasi Peak | 9.1085 MHz       | 30.03 N gnd       | -29.96         |  |  |  |  |
| 2       | Average    | 10.1795 MHz      | 20.66 L1 gnd      | -29.33         |  |  |  |  |
| 2       | Average    | 17.447 MHz       | 36.32 N gnd       | -13.67         |  |  |  |  |
| 1       | Quasi Peak | 17.51 MHz        | 48.79 N gnd       | -11.20         |  |  |  |  |
| 2       | Average    | 17.663 MHz       | 36.92 N gnd       | -13.07         |  |  |  |  |
| 1       | Quasi Peak | 18.0185 MHz      | 48.64 N gnd       | -11.35         |  |  |  |  |

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 37 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



廠商會檢定中心

:

### TEST REPORT

Report No.

AU0050957(4)

Date :

29 Aug 2016



A7. Band Edge

Self-develop RF lower edge (Peak measurement)



Self-develop RF lower edge (Average measurement)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 38 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



廠商會檢定中心

:

### TEST REPORT

Report No.

AU0050957(4)

Date :

29 Aug 2016



#### A7. Band Edge

802.11b lower edge (Peak measurement)



802.11b lower edge (Average measurement)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 39 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



廠商會檢定中心

:

### TEST REPORT

Report No.

AU0050957(4)

Date :

29 Aug 2016



#### A7. Band Edge

802.11g lower edge (Peak measurement)



802.11g lower edge (Average measurement)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 40 of 61

#### FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing

CMA Industrial Development Foundation Limited



廠商會檢定中心

:

### TEST REPORT

Report No.

AU0050957(4)

Date :

29 Aug 2016



A7. Band Edge

Self-develop RF higher edge (Peak measurement)

| TDF            | 0 d8 🖷 S | WT 50 s 🖷 VBW                           | 10 Hz Mode Au | to Sweep |  |
|----------------|----------|---|---------------|----------|--|
| ∋1Pk Max       | 1        |   | 1001-03       |          |  |
| 90 dBµV/m      |          |   | M2[1]         |          | 18.68 dBµV/r<br>2.4835000 GH<br>34.48 dBµV/r |
| 80 dBµV/m      |          |   | 1             | 1 1      | 2.4748390 GH                                 |
| 70 dBµV/m-     | -        |   |               |          |  |
| 60 dBµV/m-     |          |   |               |          |  |
| 50 dBµV/m      |          |   |               |          |  |
| 40 dBµV/m      |          |   |               | _        |  |
| 30 dBµV/m      |          |   |               |          |  |
| 29 dBµV/m      | <u> </u> | M2                                      |               | ~        |  |
| 10 dBµV/m-     |          |   |               |          |  |
| 0 dBµV/m-      | 1        |   |               |          |  |
| Start 2.472 GH | z        | - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 | 1001 pts      | 36       | Stop 2.5 GHz                                 |

Self-develop RF higher edge (Average measurement)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by: P-R



Mr. WONG Lap-pong, Andrew

Page 41 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing

CMA Industrial Development Foundation Limited



廠商會檢定中心

### TEST REPORT

Report No.

AU0050957(4)

:

Date :

29 Aug 2016



#### A7. Band Edge

802.11b higher edge (Peak measurement)



802.11b higher edge (Average measurement)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 42 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



廠商會檢定中心

### TEST REPORT

Report No.

AU0050957(4)

:

Date :

29 Aug 2016



#### A7. Band Edge

802.11g higher edge (Peak measurement)



802.11g higher edge (Average measurement)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 43 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



廠商會檢定中心

:

### TEST REPORT

Report No.

AU0050957(4)

Date :

29 Aug 2016

#### Spectrum RefLevel 97.00 Att µV/m **● RBW** 100 kHz 0 dB **● SWT** 100 ms **● VBW** 300 kHz Mode Auto Sweep TD ●1Pk Ma M1[1] 90 dBµV ndB 30 dBuV 591.40 Q facto M1 50 dBuV 50 dBµV 40 dBuN 30 dBuV. 20 dBuW 10 dB 1001 pt: 2.0 MH CF 2.402 GH larke Type | Ref | Trc Function Stimulu Response ..4 kHz 6.00 dB 4061.3 2.4019121 2.4015924 2.4021838 63.64 ndi Q facto

### A8. 6dB Bandwidth Plot

Self-develop RF lower channel

|              |  | 0.10              | WEW 100 KH2   | 2012/01/02/22 |  |            |
|--------------|--|-------------------|---------------|---------------|--|------------|
| Att          |  | 0 dB 👄 SWT 100 ms | 😁 VBW 300 kHz | Mode Auto S   | weep   |            |
| 1Pk Max      |  |                   |               |               |  |            |
|              |  | 1 1               |               | M1[1]         | 68.  | 29 dBµV/r  |
| 90 dBµV/m-   |  |                   |               |               | 2,432  | 291810 GH  |
|              |  |                   |               | ndB           |  | 6.00 d     |
| 80 dBµV/m-   |  |                   |               | BW            | 599.400  | 300000 kH  |
| 70 dBustles  |  |                   | M1            | Qfactor       | 1 1  | 4058.      |
| /o upp//ill  |  | T                 |               | ~_13          |  |            |
| 60 dBuV/m    |  |                   |               | - all         |  |            |
| 5-5-2-5- MON |  |                   |               | 1             |  |            |
| 50 dBµV/m    | 1  |                   |               |               |  | +          |
|              | and the second s |                   |               |               | No.  |            |
| 40-dBpV/m-   |  |                   |               |               | Construction of the second sec | The second |
| 00.00.00     |  |                   |               |               |  | - Stephen  |
| 30 gBhA/w-   |  |                   |               |               |  |            |
| 20 dBi (V/m  |  |                   |               |               |  |            |
| 20 00014/11  |  |                   |               |               |  |            |
| 10 dBµV/m-   |  |                   |               |               |  |            |
|              |  |                   |               |               |  |            |
| 0 d8µV/m     |  |                   |               | 6             |  | -          |
| CF 2.433 GHz |  |                   | 1001 pt       | 5             | Spa  | m 2.0 MHz  |
| Marker       |  |                   |               |               |  |            |
| Type Ref     | [rc  | Stimulus          | Response      | Function      | Function Result  | Ł          |
| M1           | 1  | 2.4329181 GHz     | 68.29 dBµV/m  | ndB down      |  | 599.4 kHz  |
| T2           | 1  | 2.4325904 GHZ     | 62.36 dBuV/m  | 0 factor      |  | 4058.9     |
|              |  | 211002050 012     | ocros appayin | 2 Idetor      |  |            |

Self-develop RF middle channel

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 44 of 61

#### FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



廠商會檢定中心

:

TD ●1Pk Ma

### TEST REPORT

Report No.

AU0050957(4)

**A8.** 

Date :

29 Aug 2016

### Spectrum RefLevel 97.0 Att µV/m **● RBW** 100 kHz 0 dB **● SWT** 100 ms **● VBW** 300 kHz Mode Auto Sweep

**6dB Bandwidth Plot** 

| 90 dBµV/m-<br>80 dBµV/m- |     |               | MI           | ndB<br>Bw<br>O factor | 2.47491410 GH<br>6.00 dl<br>611.400000000 kH<br>4048. |
|--------------------------|-----|---------------|--------------|-----------------------|---|
| 70 dBµV/m-               |     | TICO          |              | - TR                  | 1 1 1   |
| 60 dBµV/m-               |     |               |              | -                     |   |
| 50 dBµV/m-               |     |               |              | ~                     |   |
| 40 dBµV/m                | -   |               | -            |                       |   |
| 30 dBµV/m-               |     |               | _            |                       |   |
| 20 dBµV/m-               |     |               |              |                       |   |
| 10 dBµV/m-               |     |               |              |                       |   |
| 0 d8µV/m-                |     |               |              |                       |   |
| CF 2.475 G               | Hz  |               | 1001 pt:     |                       | Span 2.0 MHz  |
| Marker                   |     |               |              |                       |   |
| Type Ref                 | Trc | Stimulus      | Response     | Function              | Function Result                                       |
| M1                       | 1   | 2.4749141 GHz | 69.31 dBµV/m | ndB down              | 611.4 kHz   |
| T1                       | 1   | 2.4745884 GHz | 63.35 dBµV/m | ndB                   | 6.00 dB   |
| T2                       | 1   | 2.4751998 GHz | 63.21 dBµV/m | Q factor              | 4048.0  |
|                          | T   |               | 11           | Measuring             |   |

Self-develop RF higher channel

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 45 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com This document shall not be reproduced except in full or with written approval by CMA Testing



廠商會檢定中心

:

### TEST REPORT

Report No.

AU0050957(4)

Date :

29 Aug 2016



#### A8. 6dB Bandwidth Plot

#### 802.11b CH1



802.11b CH6

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by: P.R

Mr. WONG Lap-pong, Andrew

Page 46 of 61

#### FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



廠商會檢定中心

:

# **TEST REPORT**

Report No.

AU0050957(4)

Date : 2

29 Aug 2016



#### A8. 6dB Bandwidth Plot

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by: P.C.

Mr. WONG Lap-pong, Andrew

Page 47 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com. This document shall not be reproduced except in full or with written approval by CMA Testing



廠商會檢定中心

:

### <u>TEST REPORT</u>

Report No.

AU0050957(4)

Date :

29 Aug 2016



#### A8. 6dB Bandwidth Plot

#### 802.11g CH1



802.11g CH6

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 48 of 61

#### FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



廠商會檢定中心

:

# TEST REPORT

Report No.

AU0050957(4)

Date :

29 Aug 2016



#### A8. 6dB Bandwidth Plot

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 49 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com. This document shall not be reproduced except in full or with written approval by CMA Testing



廠商會檢定中心

:

### TEST REPORT

Report No.

AU0050957(4)

Date :

29 Aug 2016



#### A9. Power Spectral Density





Self-develop RF middle channel

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 50 of 61

#### FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



廠商會檢定中心

:

# TEST REPORT

Report No.

AU0050957(4)

Date :

29 Aug 2016



#### A9. Power Spectral Density

Self-develop RF higher channel

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 51 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com. This document shall not be reproduced except in full or with written approval by CMA Testing



廠商會檢定中心

:

# **TEST REPORT**

Report No.

AU0050957(4)

Date :

29 Aug 2016



#### A9. Power Spectral Density





802.11b CH6

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by: P-R

Mr. WONG Lap-pong, Andrew

Page 52 of 61

#### FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com. This document shall not be reproduced except in full or with written approval by CMA Testing

CMA Industrial Development Foundation Limited



廠商會檢定中心 **T** - - - - -

### TEST REPORT

Report No.

AU0050957(4)

:

Date :

29 Aug 2016



#### A9. Power Spectral Density

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by: P.C.

Mr. WONG Lap-pong, Andrew

Page 53 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com. This document shall not be reproduced except in full or with written approval by CMA Testing



廠商會檢定中心

:

### TEST REPORT

Report No.

AU0050957(4)

Date :

29 Aug 2016



### A9. Power Spectral Density





802.11g CH6

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 54 of 61

#### FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com This document shall not be reproduced except in full or with written approval by CMA Testing

CMA Industrial Development Foundation Limited



廠商會檢定中心

:

### TEST REPORT

Report No.

AU0050957(4)

Date :

29 Aug 2016



#### A9. Power Spectral Density

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by: P.C.

Mr. WONG Lap-pong, Andrew

Page 55 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com. This document shall not be reproduced except in full or with written approval by CMA Testing



廠商會檢定中心

:

### TEST REPORT

Report No.

AU0050957(4)

Date :

29 Aug 2016



#### A10. Transmission Power





Self-develop RF middle channel

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 56 of 61

#### FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u> This document shall not be reproduced except in full or with written approval by CMA Testing.

CMA Industrial Development Foundation Limited



廠商會檢定中心

:

# **TEST REPORT**

Report No.

AU0050957(4)

Date :

29 Aug 2016



#### A10. Transmission Power

Self-develop RF higher channel

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 57 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com. This document shall not be reproduced except in full or with written approval by CMA Testing



廠商會檢定中心

:

### TEST REPORT

Report No.

AU0050957(4)

Date :

29 Aug 2016



#### A10. Transmission Power





802.11b CH6

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 58 of 61

#### FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com This document shall not be reproduced except in full or with written approval by CMA Testing

CMA Industrial Development Foundation Limited



### **TEST REPORT**

Report No.

AU0050957(4)

:

Date :

29 Aug 2016



#### A10. Transmission Power

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by: P.C.

Mr. WONG Lap-pong, Andrew

Page 59 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website <u>www.cmatcl.com</u>. This document shall not be reproduced except in full or with written approval by CMA Testing.



廠商會檢定中心

:

# **TEST REPORT**

Report No.

AU0050957(4)

Date :

29 Aug 2016



#### A10. Transmission Power





802.11g CH6

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 60 of 61

#### FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com This document shall not be reproduced except in full or with written approval by CMA Testing

CMA Industrial Development Foundation Limited



# **TEST REPORT**

Report No.

AU0050957(4)

:

Date :

29 Aug 2016



#### A10. Transmission Power

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

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 61 of 61

FCC ID: 2ACS618RX

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatcl.com. This document shall not be reproduced except in full or with written approval by CMA Testing