

廠商會檢定中心

TEST REPORT

Report No.	:	AU0040543(5)		Date :	07 Aug 2015
Application No.	:	LU021948(2)			
Applicant	:	Zego Electronic Compan Room 703, Kowloon Bui 555 Nathan Road, Kowlo	lding,		
Sample Description	:	One(1) item of submitted of Model No. <u>6001434</u> Sample registration No. Radio Frequency Rating No. of submitted sample	: RU032252-003 : 2402MHz – 247 : 3.7V rechargeab : USB 5V chargin	5MHz Trans le battery	
Date Received	:	17 Jun 2016			
Test Period	:	27 Jun 2016 to 30 Jun 20	16		
Test Requested	:	FCC Part 15 Certificate			
Test Method	:	47 CFR Part 15 (10-1-15 ANSI C63.4 – 2014, ANS	,		
Test Engineer	:	Mr. LEUNG Shu-kan, Ke	en		
Test Result	:	See attached sheet(s) from	n page 2 to 39.		
Conclusion	:	The submitted sample wa Subpart B and C.	s found to comply	with requirer	nent of FCC Part 15

For and on behalf of CMA Industrial Development Foundation Limited

Authorized Signature : Page 1 of 39 Mr. WONG Lap-pong Andrew Manager Electrical Division FCC ID: 2ACS613RX

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TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

Table of Contents

1 G	eneral Information	
1.1	General Description	
1.2	Location of the test site	
1.3	List of measuring equipment	5
1.4	Measurement Uncertainty	6
2 D	escription of the radiated emission test	7
2.1	Test Procedure	7
2.2	Test Result	
2.3	Radiated Emission Measurement Data	
3 D	escription of the Line-conducted Test	
3.1	Test Procedure	
3.2	Test Result	
3.3	Graph and Table of Conducted Emission Measurement Data	
4 Pł	notograph	
4.1	Photographs of the Test Setup for Radiated Emission and Conducted Emission	
4.2	Photographs of the External and Internal Configurations of the EUT	
5 Si	applementary document	
5.1	Bandwidth	
5.2	Antenna requirement	
6 A	ppendices	

FCC ID: 2ACS613RX

Page 2 of 39

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CMA Industrial Development Foundation Limited



TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

1 General Information

1.1 General Description

The equipment under test (EUT) is a copter for Zexara Drone. The EUT is power by 3.7V rechargeable battery. It operates at 2402MHz - 2475MHz. When the receiver receives radio signal from transmitter, it will take the corresponding actions.

The brief circuit description is listed as follows:

- U1, U2	and its associated circuit act as MCU
- U3	and its associated circuit act as RF circuit
- Y1	and its associated circuit act as oscillator
- Q4, Q5	and its associated circuit act as LED
- M1, M2, M3, M4, U4, U5	and its associated circuit act as motor

FCC ID: 2ACS613RX

Page 3 of 39

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TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

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: 2ACS613RX

Page 4 of 39

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廠商會檢定中心

TEST REPORT

Report No. AU0040543(5) ٠

Date :

07 Aug 2015

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

Notebook Lenovo X260

Supply by CMA

FCC ID: 2ACS613RX

Page 5 of 39

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CMA Industrial Development Foundation Limited



廠商會檢定中心

TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

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 _{lab})
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 _{lab})		
150kHz~30MHz	2.64dB		

FCC ID: 2ACS613RX

Page 6 of 39

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TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

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. 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: 2ACS613RX

Page 7 of 39

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TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

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 tenth harmonics were investigated, and emissions more 20dB below limited were not reported. Thus, those higher emissions were presented in next page (section 2.3).

Subpart B:

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: 2ACS613RX

Page 8 of 39

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TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

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:	70	%

Measurement: Peak RBW: 1MHz VBW: 3MHz Operation mode: Transmission Testing frequency range: 9kHz to 25GHz

Frequency (MHz)	Polarity (H/V)	Reading at 3m (dBµV)	Transducer Factor (dB/m)	Field Strength at 3m (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)
2402.642	Н	89.9	- 4.2	85.7	114.0	- 28.3
#4792.663	Н	59.7	3.7	63.4	74.0	- 10.6
#4793.824	V	49.2	3.7	52.9	74.0	- 21.1
7207.723	Н	38.6	11.5	50.1	74.0	- 23.9
2433.178	Н	90.1	- 4.2	85.9	114.0	- 28.1
#4848.419	Н	59.2	3.7	62.9	74.0	- 11.1
#4864.680	V	49.9	3.7	53.6	74.0	- 20.4
#7229.610	Н	39.9	11.5	51.4	74.0	- 22.6
2475.621	Н	89.5	- 4.3	85.2	114.0	- 28.8
#4948.751	V	45.2	4.0	49.2	74.0	- 24.8
#4951.102	Н	55.1	4.0	59.1	74.0	- 14.9
#7425.590	Н	40.2	11.5	51.7	74.0	- 22.3

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

FCC ID: 2ACS613RX

Page 9 of 39

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CMA Industrial Development Foundation Limited

TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

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:	70	%

Measurement: Average RBW: 1MHz VBW: 10Hz Operation mode: Transmission Testing frequency range: 9kHz to 25GHz

Frequency (MHz)	Polarity (H/V)	Reading at 3m (dBµV)	Transducer Factor (dB/m)	Field Strength at 3m (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)
2402.321	Н	45.2	- 4.2	41.0	94.0	- 53.0
#4793.144	V	22.1	3.7	25.8	54.0	- 28.2
#4804.649	Н	35.7	3.7	39.4	54.0	- 14.6
7206.914	Н	22.3	11.5	33.8	54.0	- 20.2
	-			•		
2433.274	Н	45.5	- 4.2	41.3	94.0	- 52.7
#4866.619	Н	35.2	3.7	38.9	54.0	- 15.1
#4866.648	V	31.5	3.7	35.2	54.0	- 18.8
#7299.949	Н	23.4	11.5	34.9	54.0	- 19.1
2475.345	Н	45.3	- 4.3	41.0	94.0	- 53.0
#4950.060	Н	33.9	4.0	37.9	54.0	- 16.1
#4950.644	V	28.4	4.0	32.4	54.0	- 21.6
#7425.969	Н	23.4	11.5	34.9	54.0	- 19.1

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

FCC ID: 2ACS613RX

Page 10 of 39

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廠商會檢定中心

TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

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:	70	%

Detector: Quasi-peak Mode; Transmission RBW: 120kHz VBW: 300kHz

Testing frequency range: 9kHz to 25GHz

Frequency (MHz)	Polarity (H/V)	Reading at 3m	Antenna Factor and Cable Loss	Field Strength at 3m	Limit at 3m (dBµV/m)	Margin (dB)
		(dBµV)	(dB/m)	$(dB\mu V/m)$		
288.009	Н	15.0	15.4	30.4	46.0	- 15.6
312.052	Н	14.3	16.8	31.1	46.0	- 14.9
336.039	Н	26.2	16.8	43.0	46.0	- 3.0
360.024	Н	26.0	16.8	42.8	46.0	- 3.2
384.037	Н	21.7	16.8	38.4	46.0	- 7.5
408.033	Н	13.3	20.6	33.9	46.0	- 12.1
431.988	Н	12.7	20.6	33.3	46.0	- 12.7

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

FCC ID: 2ACS613RX

Page 11 of 39

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TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

2.3 Radiated Emission Measurement Data (Con't)

Radiated emission

pursuant to

the requirement of FCC Part 15 subpart B

Environmental conditions:	_	
Parameter	Recorded value	
Ambient temperature:	26	° C
Relative humidity:	70	%

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

Testing frequency range: 9kHz to 25GHz

Frequency (MHz)	Polarity (H/V)	Reading at 3m	Antenna Factor and Cable Loss	Field Strength at 3m	Limit at 3m (dBµV/m)	Margin (dB)
		(dBµV)	(dB/m)	(dBµV/m)		
74.405	Н	10.5	8.0	18.5	40.0	- 21.5
121.462	Н	8.3	14.4	22.7	43.5	- 20.8
199.731	Н	9.2	11.2	20.4	43.5	- 23.1
240.855	Н	9.4	13.2	22.6	46.0	- 23.4
375.803	Н	8.8	15.4	24.2	46.0	- 21.8
305.891	Н	8.2	16.8	25.0	46.0	- 21.0
336.928	Н	9.3	16.8	26.1	46.0	- 19.9

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

FCC ID: 2ACS613RX

Page 12 of 39

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TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

2.3 Radiated Emission Measurement Data (Con't)

Radiated emission

pursuant to

the requirement of FCC Part 15 subpart B

Environmental conditions:	_	
Parameter	Recorded value	
Ambient temperature:	26	° C
Relative humidity:	70	%

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

Testing frequency range: 9kHz to 25GHz

Frequency (MHz)	Polarity (H/V)	Reading at 3m	Antenna Factor and Cable Loss	Field Strength at 3m	Limit at 3m (dBµV/m)	Margin (dB)
		(dBµV)	(dB/m)	(dBµV/m)		
82.201	Н	8.5	8.5	17.0	40.0	- 23.0
124.720	Н	8.3	14.4	22.7	43.5	- 20.8
197.184	Н	9.2	11.2	20.4	43.5	- 23.1
237.281	Н	8.9	13.2	22.1	46.0	- 23.9
285.063	Н	9.0	15.4	24.4	46.0	- 21.6
310.899	Н	8.4	16.8	25.2	46.0	- 20.8
336.031	Н	9.4	16.8	26.2	46.0	- 19.8

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

FCC ID: 2ACS613RX

Page 13 of 39

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TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

2.3 Radiated Emission Measurement Data (Con't)

Radiated emission

pursuant to

the requirement of FCC Part 15 subpart B

Environmental conditions:	_	
Parameter	Recorded value	
Ambient temperature:	26	° C
Relative humidity:	70	%

Detector: Quasi-peak Mode: Data transfer RBW: 120kHz VBW: 300kHz

Testing frequency range: 9kHz to 25GHz

Frequency (MHz)	Polarity (H/V)	Reading at 3m	Antenna Factor and Cable Loss	Field Strength at 3m	Limit at 3m (dBµV/m)	Margin (dB)
		(dBµV)	(dB/m)	(dBµV/m)	•	
192.030	Н	26.7	11.2	37.9	43.5	- 5.6
204.110	Н	24.6	12.0	36.6	43.5	- 6.9
240.060	Н	24.3	13.2	37.5	46.0	- 8.5
263.930	Н	21.5	15.4	36.9	46.0	- 9.1
311.970	Н	15.1	16.8	31.9	46.0	- 14.1
336.140	Н	15.1	16.8	31.9	46.0	- 14.1
408.040	Н	11.5	20.6	32.1	46.0	- 13.9

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

FCC ID: 2ACS613RX

Page 14 of 39

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TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

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.

It was found that the EUT met the FCC requirement.

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: 2ACS613RX

Page 15 of 39

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TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

4 Photograph

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

For electronic filing, the photos are saved with filename 2ACS613RX TSup.pdf.

4.2 Photographs of the External and Internal Configurations of the EUT

For electronic filing, the photos are saved with filename 2ACS613RX ExPho.pdf and 2ACS613RX InPho.pdf.

FCC ID: 2ACS613RX

Page 16 of 39

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廠商會檢定中心

TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

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
Operational Description	OpDes.pdf

5.1 Bandwidth

The plot in Appendices A8 shows the fundamental emission is confined in the specified band. It shows the 20dB bandwidth met the 15.215 requirement for frequency band 2400 to 2483.5 MHz.

The plot in Appendices A7 shows the band edge is fulfil 15.209 requirement.

5.2 Antenna requirement

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

FCC ID: 2ACS613RX

Page 17 of 39

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TEST REPORT

Repo	Report No. : AU0040543(5)			Date :	07 Aug 2013
6	Арре	endices			
	A1	Photos of the set-up of Radiated Emissions	5	pages	
	A2	Photos of the set-up of Conducted Emissions	2	pages	
	A3	Photos of External Configurations	4	pages	
	A4	Photos of Internal Configurations	3	pages	
	A5	ID Label/Location	1	page	
	A6	Conducted Emission Measurement Data	2	pages	
	A7	Band Edge	2	pages	
	A8	20dB Bandwidth Plot	2	pages	

FCC ID: 2ACS613RX

Page 18 of 39

5

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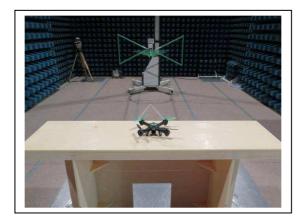


TEST REPORT

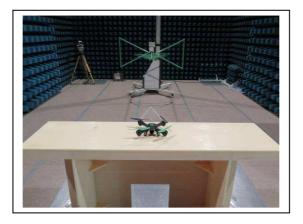
Report No. : AU0040543(5)

Date : 07 Aug 2015

A1. Photos of the set-up of Radiated Emissions



(Front view, 30MHz - 1GHz)



(Back view, 30MHz - 1GHz)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 19 of 39



TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

A1. Photos of the set-up of Radiated Emissions



(Front view, 9KHz - 30MHz)



(Back view, 9KHz - 30MHz)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 20 of 39



TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

A1. Photos of the set-up of Radiated Emissions



(front view, 1GHz - 25GHz)



(rear view, 1GHz - 25GHz)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 21 of 39

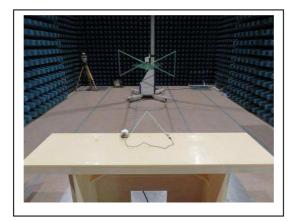


TEST REPORT

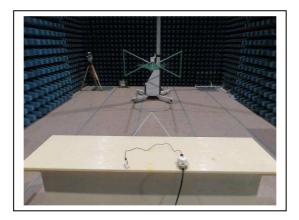
Report No. : AU0040543(5)

Date : 07 Aug 2015

A1. Photos of the set-up of Radiated Emissions



(front view, charging)



(rear view, charging)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 22 of 39

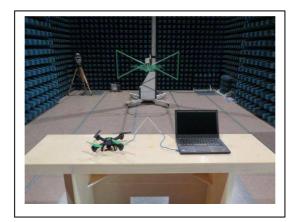


TEST REPORT

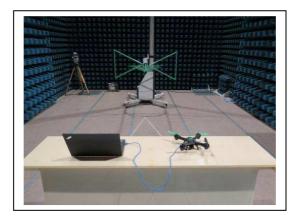
Report No. AU0040543(5) :

Date : 07 Aug 2015

Photos of the set-up of Radiated Emissions A1.



(front view, data transfer)



(rear view, data transfer)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 23 of 39

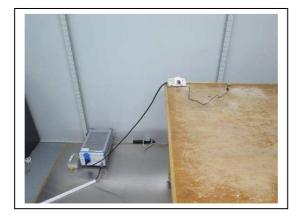


TEST REPORT

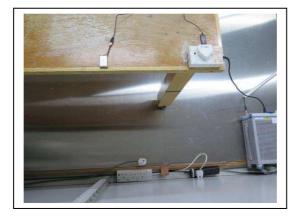
Report No. AU0040543(5) :

Date : 07 Aug 2015

A2 Photos of the set-up of Conducted Emission



(front view)



(rear view)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 24 of 39



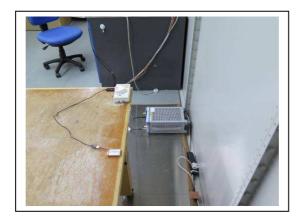
TEST REPORT

Report No. : AUG

AU0040543(5)

Date : 07 Aug 2015

A2 Photos of the set-up of Conducted Emission



(side view)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by: P.C.

Mr. WONG Lap-pong, Andrew

Page 25 of 39



TEST REPORT

Report No. AU0040543(5) :

Date : 07 Aug 2015

Photos of External Configuration A3.



External Configuration 1



External Configuration 2

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:



Mr. WONG Lap-pong, Andrew

Page 26 of 39



TEST REPORT

Report No. AU0040543(5) :

Date : 07 Aug 2015

Photos of External Configuration A3.



External Configuration 3



External Configuration 4

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 27 of 39



TEST REPORT

Report No. AU0040543(5) :

Date :

07 Aug 2015

Photos of External Configuration A3.



External Configuration 5



External Configuration 6

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:



Mr. WONG Lap-pong, Andrew

Page 28 of 39



TEST REPORT

Report No. : AU

AU0040543(5)

Date :

07 Aug 2015

A3. Photos of External Configuration



External Configuration 7

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by: PR

Mr. WONG Lap-pong, Andrew

Page 29 of 39



TEST REPORT

Report No. AU0040543(5) :

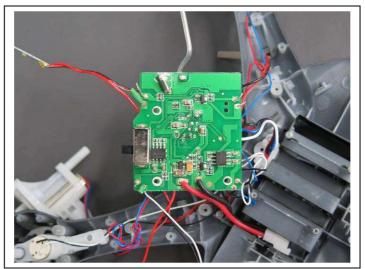
07 Aug 2015

Date :

Photos of Internal Configuration A4.



Internal Configuration 1



Internal Configuration 2

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 30 of 39



TEST REPORT

Report No. AU0040543(5) :

Date : 07 Aug 2015

Photos of Internal Configuration A4.



Internal Configuration 3



Internal Configuration 4

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 31 of 39

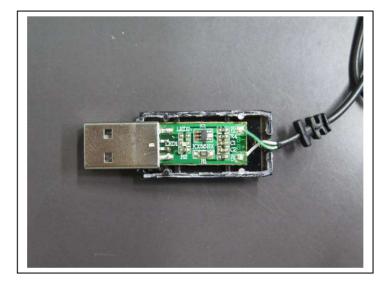


TEST REPORT

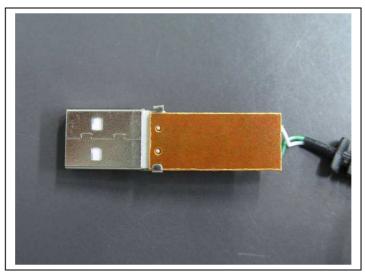
Report No. AU0040543(5) :

Date : 07 Aug 2015

Photos of Internal Configuration A4.



Internal Configuration 5



Internal Configuration 6

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 32 of 39



TEST REPORT

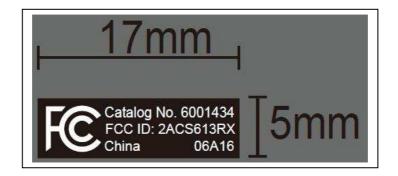
Report No. AU0040543(5) :

Date : 07 Aug 2015

A5. ID Label/Location



Label 1



Label 2

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

FCC ID: 2ACS613RX

Page 33 of 39

廠商會檢定中心

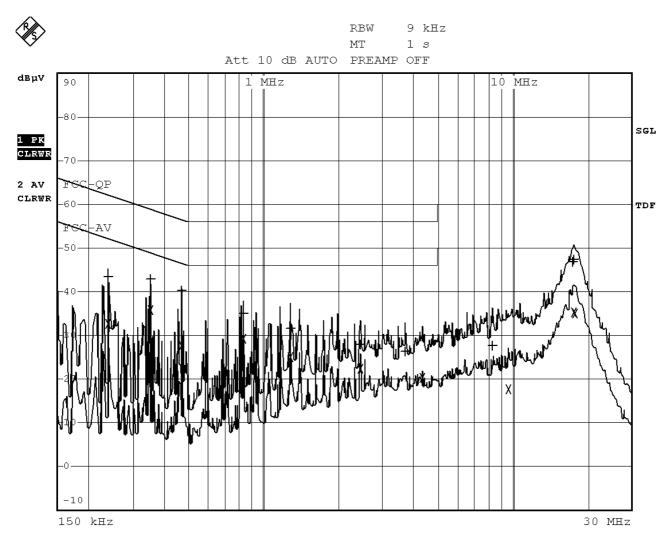
TEST REPORT

Report No. : AU0040543(5)

Date :

07 Aug 2015

A6 Conducted Emission Measurement Date



Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by: P.C.

Mr. WONG Lap-pong, Andrew

Page 34 of 39



廠商會檢定中心

A6

TEST REPORT

Report No. : AU0040543(5)

Date : 07 Aug 2015

Conducted Emission Measurement Date

	EDIT	F PEAK LIST (Final	Measurement Resul	ts)
Tra	cel:	FCC-QP		
Tra	.ce2:	FCC-AV		
Tra	.ce3:			
	TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
1	Quasi Peak	240 kHz	43.30 N gnd	-18.79
2	Average	240 kHz	32.56 N gnd	-19.53
1	Quasi Peak	352.5 kHz	42.88 N gnd	-16.01
2	Average	352.5 kHz	35.83 N gnd	-13.06
1	Quasi Peak	469.5 kHz	40.27 N gnd	-16.24
2	Average	469.5 kHz	27.63 N gnd	-18.89
1	Quasi Peak	828.5 kHz	35.04 Ll gnd	-20.95
2	Average	828.5 kHz	29.27 N gnd	-16.72
1	Quasi Peak	1.283 MHz	31.65 Ll gnd	-24.34
2	Average	1.283 MHz	25.04 N gnd	-20.95
1	Quasi Peak	2.4575 MHz	27.98 N gnd	-28.01
2	Average	2.4575 MHz	22.29 N gnd	-23.70
1	Quasi Peak	3.722 MHz	26.32 N gnd	-29.68
2	Average	4.361 MHz	20.42 N gnd	-25.57
1	Quasi Peak	8.276 MHz	27.68 N gnd	-32.31
2	Average	9.6125 MHz	17.78 Ll gnd	-32.21
1	Quasi Peak	17.4605 MHz	46.90 N gnd	-13.09
2	Average	17.5775 MHz	35.15 N gnd	-14.84
1	Quasi Peak	17.7125 MHz	47.28 N gnd	-12.72
2	Average	17.78 MHz	35.12 N gnd	-14.87

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 35 of 39



廠商會檢定中心

:

TEST REPORT

Report No.

AU0040543(5)

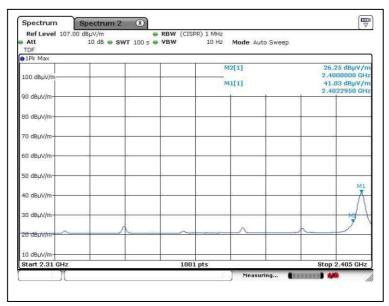
Date :

07 Aug 2015



A7. Band Edge

Lower edge (Peak measurement)



Lower edge (Average measurement)

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by: Y-C.

Mr. WONG Lap-pong, Andrew

Page 36 of 39



廠商會檢定中心

TEST REPORT

Report No.

AU0040543(5)

:

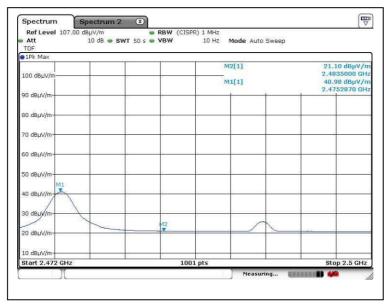
Date : 07

07 Aug 2015



A7. Band Edge

Upper edge (Peak measurement)



Upper edge (Average measurement))

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by: P. C.

Mr. WONG Lap-pong, Andrew

Page 37 of 39



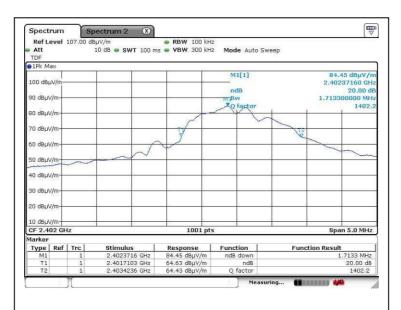
TEST REPORT

Report No.

AU0040543(5)

:

Date : 07 Aug 2015



A8. 20dB Bandwidth Plot

Bandwidth 1 (2402MHz)

Spect			pectrum 2 🛛 🛞				4
	evel	107.00 di		曼 RBW 100 kH	The second secon		
Att			10 dB 👄 SWT 100 i	ns 🖷 VBW 300 kH	z Mode Auto S	Sweep	
TDF						100	
1Pk M	ax		1 1	- <u>1</u>			The second second second second second
100 dB)	Allen				M1[1]		85.26 dBµV/ 2.43337990 GF
100 06	1V/m-				ndB		2,43337990 GF 20.00 d
90 dBu	1/m			141	Aw		1.733300000 MH
50 000	1			X	- O factor		1403
80 dBµ	v/m+				~	1 1	
Stat Strap	38231			\sim	10		
70 dBµ	v/m			TY	. We	12	
				Y		R	
60 dBh	v/m+-			1			~
EQ doub	in		In NW	6			
50 dBu	v/m						
40 dBµ	V/m	~					
10 0.00	· · · ·						
30 dBµ	V/m-						
20 dBµ	v/m+		-	-		-	
10 dBµ							
CF 2.4	2.2.2.2	Hz		1001 pt:	5		Span 5.0 MH
Marker		Track	ON Inclusion		E	Para	les Den la
Type M1	Rer	Trc 1	Stimulus 2.4333799 GHz	Response 85.26 dBµV/m	Function ndB down	Function Result 1.7333 M	
T1		1	2.4327306 GHz	65.45 dBuV/m	nub uuwn ndB		
T2		1	2.4344638 GHz	65.18 dBµV/m	Q factor		1403.9
	_					suring	

Bandwidth 2 (2433MHz)

Reviewed by:

Tested by:

Mr. LEUNG Shu-kan, Ken

Mr. WONG Lap-pong, Andrew

Page 38 of 39



TEST REPORT

Report No.

AU0040543(5)

:

Date : 07 Aug 2015

Spectrum Ref Level 107 Att BμV/m e RBW 100 kHz 10 dB e SWT 100 ms e VBW 300 kHz Mode Auto Sween TDF 1Pk Ma M1[1] 34.63 dBµV 100 dB 2.47538510 GH ndF 20.00 0 90 dBµ\ no M of 1369 80 dBuV ZO dBriv sn de 40 dBµV, 30 dBµV, 20 dBµV/i CF 2.4755 GHz 1001 pt 5.0 MH larke Type | Ref | Tro Function Stimulus 2.475385 2.474720 Response 64.46 dB .0

A8. 20dB Bandwidth Plot

Bandwidth 3 (2475MHz)

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

Tested by:

Mr. LEUNG Shu-kan, Ken

Reviewed by:

Mr. WONG Lap-pong, Andrew

Page 39 of 39

FCC ID: 2ACS613RX

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