

FCC RF Exposure Report

FCC ID : XV4-MT7601
Equipment : WiFi Cube Network Camera
Model No. : C3033-W (please refer to item 1 for more details)
Brand Name : Brickcom (please refer to item 1 for more details)
Applicant : Brickcom Corporation
Address : No.1 Jen Ai Road, Hsinchu Industrial Park,
Hukou, Hsinchu, Taiwan, R.O.C. 303
Standard : 47 CFR FCC Part 2.1091
Received Date : Oct. 03, 2013
Tested Date : Nov. 14 ~ Nov. 20, 2013

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Approved & Reviewed by:



Gary Chang / Manager



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Release Record

Report No.	Version	Description	Issued Date
FA3O0301	Rev. 01	Initial issue	Feb. 05, 2014

1 Product Details

✧ Please refer to the following table for the model differences. **Model C3033-W, WCB-200Af and WCB-040Af** had been tested during the pretest. After pretest, **Model WCB-200Af** was the worst for radiated below 1GHz test, and **Model C3033-W** was the worst for radiated above 1GHz and other tests.

Resolution	Brand Name	Model name	IR LED	PIR	Micro SD	MIC	Speaker	WiFi	DI/DO
VGA	Brickcom	C3033-W	v		v	v	v	v	v
1	Brickcom	C3103-W	v		v	v	v	v	v
1.3	Brickcom	C3133-W	v		v	v	v	v	v
2	Brickcom	C3203-W	v		v	v	v	v	v
VGA	Brickcom	WCB-030Af		v	v	v	v	v	v
1	Brickcom	WCB-100Af	v	v	v	v	v	v	v
1.3	Brickcom	WCB-130Af	v	v	v	v	v	v	v
2	Brickcom	WCB-200Af	v	v	v	v	v	v	v
VGA	Brickcom	WCB-040Af				v	v	v	v
1	Airlink101	AHD1500-W	v		v	v	v	v	v
VGA	Kiwatch	KW-3030	v	v	v	v	v	v	v

Note: Different resolution of camera is by software setting not hardware change.

2 MPE EVALUATION OF MOBILE DEVICES

Human exposure to RF emissions from mobile devices (47 CFR §2.1091) may be evaluated based on the MPE limits adopted by the FCC for electric and magnetic field strength and/or power density, as appropriate, since exposures are assumed to occur at distances of 20 cm or more from persons.

2.1 LIMITS FOR GENERAL POPULATION/UNCONTROLLED EXPOSURE

Frequency Range (MHz)	Power Density (mW /cm ²)	Averaging Time (minutes)
300~1500	F/1500	30
1500~100000	1.0	30

2.2 MPE EVALUATION FORMULA

$$Pd = \frac{Pt}{4 * \pi * R^2}$$

Where

Pd= Power density in mW/cm²

Pt= EIRP in Mw

π= 3.1416

R= Measurement distance

2.3 MPE EVALUATION RESULTS

Frequency Range (MHz)	Maximum Conducted Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
2412~2462	24.68	1.37	20	0.080	1

3 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp, it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan Hsiang. Location map can be found on our website <http://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

No. 30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan, R.O.C.

Kwei Shan

Tel: 886-3-271-8666

No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan Hsiang, Tao Yuan Hsien 333, Taiwan, R.O.C.

If you have any suggestion, please feel free to contact us as below information

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