



A D T

# RF EXPOSURE REPORT

**REPORT NO.:** SA110106E03A

**MODEL NO.:** ZCG10202B-M-42-WBRLN-41H,  
ZC10202B-42-WBRLN-41H

**FCC ID:** Y8BZCBG9092471782.

**ACCORDING:** FCC Guidelines for Human Exposure  
IEEE C95.1

**APPLICANT:** Vido Media, Inc.

**ADDRESS:** 725 Los Angeles Ave. Monrovia, California 91016

**ISSUED BY:** Bureau Veritas Consumer Products Services (H.K.)  
Ltd., Taoyuan Branch Hsin Chu Laboratory

**LAB ADDRESS:** No. 81-1, Lu Liao Keng, 9th Ling,Wu Lung Tsuen,  
Chiung Lin Hsiang, Hsin Chu Hsien 307, Taiwan



A D T

## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA110106E03A	Original release	May 05, 2011



A D T

## 1. CERTIFICATION

**PRODUCT:** ZuniConnect Wi-Fi Bridge

**BRAND NAME:** ZuniConnect

**MODEL NO.:** ZCG10202B-M-42-WBRLN-41H,  
ZC10202B-42-WBRLN-41H

**TEST SAMPLE:** ENGINEERING SAMPLE

**APPLICANT:** Vido Media, Inc.

**STANDARDS:** IEEE C95.1

The above equipment (Model: ZCG10202B-M-42-WBRLN-41H) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

**PREPARED BY** : Carol Liao, **DATE:** May 05, 2011  
(Carol Liao, Specialist )

**APPROVED BY** : May Chen, **DATE:** May 05, 2011  
(May Chen, Deputy Manager )



A D T

## 1. RF EXPOSURE LIMIT

### LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FREQUENCY RANGE (MHz)	ELECTRIC FIELD STRENGTH (V/m)	MAGNETIC FIELD STRENGTH (A/m)	POWER DENSITY (mW/cm <sup>2</sup> )	AVERAGE TIME (minutes)
LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE				
300-1500	...	...	F/1500	30
1500-100,000	...	...	1.0	30

F = Frequency in MHz

## 2. MPE CALCULATION FORMULA

$$Pd = (Pout \cdot G) / (4 \cdot \pi \cdot r^2)$$

where

Pd = power density in mW/cm<sup>2</sup>

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

## 3. CLASSIFICATION

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.



A D T

#### 4. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MAX POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/ cm <sup>2</sup> )	LIMIT (mW/cm <sup>2</sup> )
2412-2462	269.9	5	20	0.170	1.00

--- END ---