

## RF Exposure Report

**Report No.:** SA160427E04

**FCC ID:** YAI2213

**Test Model:** 2213

**Received Date:** Apr. 29, 2016

**Test Date:** June 21, 2016

**Issued Date:** July 28, 2016

**Applicant:** InnoComm Mobile Technology Corp.

**Address:** 3F, No. 6, Hsin Ann Rd., Hsinchu Science Park, Hsinchu 30078, Taiwan

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

**Lab Address:** E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300,  
Taiwan R.O.C.

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### Release Control Record

Issue No.	Description	Date Issued
SA160427E04	Original release.	July 28, 2016

## 1 Certificate of Conformity

**Product:** Puzzle-B3

**Brand:** InnoComm

**Test Model:** 2213

**Sample Status:** ENGINEERING SAMPLE

**Applicant:** InnoComm Mobile Technology Corp.

**Test Date:** June 21, 2016

**Standards:** FCC Part 2 (Section 2.1091)

KDB 447498 D01 General RF Exposure Guidance v06

IEEE C95.1-1992

The above equipment 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 :**  \_\_\_\_\_, **Date:** July 28, 2016  
Claire Kuan / Specialist

**Approved by :**  \_\_\_\_\_, **Date:** July 28, 2016  
May Chen / Manager

## 2 RF Exposure

### 2.1 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

### 2.2 MPE Calculation Formula

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

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

### 2.3 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**.

### 2.4 Antenna Gain

Brand	Model	Ant. Gain (dBi)	Frequency range (GHz to GHz)	Antenna Type	Antenna Connector	Cable Length(mm)
Unictron Technologies Corporation	WT217-01C	4.13	2.4~2.4835	PCB	i-pex(MHF)	100

### 3 Calculation Result

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	360.579	4.13	20	0.18566	1

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