

CHY FIREMATE CO., LTD.  
No.3 Sheng-Li 1st Street, Xintian Village, Rende District,  
Tainan City, Taiwan R.O.C.

Federal Communications Commission  
Authorization and Evaluation Division  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD 21046

**Applicant's declaration concerning RF Radiation Exposure**

We hereby indicate that the product  
Product description: **BLE Module**  
Model No: **2400M**

The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The integral antennas used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter within the host device.

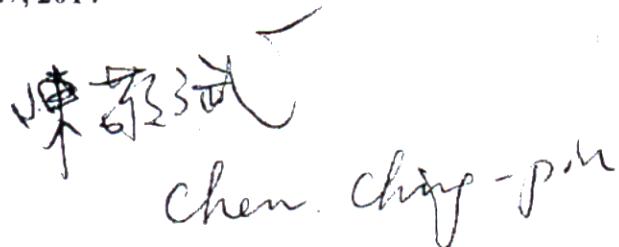
A safety statement concerning minimum separation distances from enclosure of the  
Product: **BLE Module**  
will be integrated in the user's manual to provide end-users with transmitter operating  
conditions for satisfying RF exposure compliance.

The appropriate information can be drawn from the test report no: **W6D21405-14203-C-1**  
and the accompanying calculations.

Company: **CHY FIREMATE CO., LTD.**  
Address: **No.3 Sheng-Li 1st Street, Xintian Village, Rende District, Tainan City, Taiwan  
R.O.C.**

Date: **May 27, 2014**

Signature

  
Chen Ching-Pin



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6D21405-14203-C-1

FCC ID: VEA2400M

## **3.2 Equivalent isotropic radiated power**

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

$$\begin{aligned} \text{EIRP} &= -2.38 \text{ dBm} + (4.33 \text{ dBi}) \\ &= 1.95 \text{ dBm} \end{aligned}$$

Limit: EIRP = +36 dBm for Antenna gain <6dBi

Test equipment used: ETSTW-RE 055

## **3.3 RF Exposure Compliance Requirements**

Conclusion: No Evaluation required if power is below this threshold:

F(GHz)		mW
Low	2.402	
High	2.480	24.58

Maximum measured transmitter power:

Conducted Power	-2.38 dBm (0.5781 mW)
EIRP Power	1.95 dBm (1.5668 mW)

- The antenna is PCB antenna, antenna gain is 4.33 dBi.

Threshold for no SAR evaluation is 24.58 mW.

Conclusion: No SAR evaluation required since Transmitter output power is below FCC threshold.