

**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.

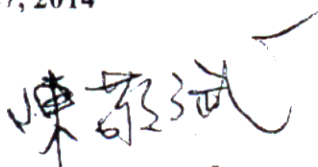
A safety statement concerning minimum separation distances from enclosure of the Product: **BLE Module** will be integrated in the user's manual to provide end-users with transmitter operating conditions for satisfying RF exposure compliance.

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-pu



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 | 24.58 |
| High   | 2.480 |       |

Maximum measured transmitter power:

|                 |                          |
|-----------------|--------------------------|
| Conducted Power | -2.38 dBm<br>(0.5781 mW) |
| EIRP Power      | 1.95 dBm<br>(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.