

# Certificate

of

## Radio Equipment in JAPAN

No: 10215030/AA/00

Telefication, operating as Conformity Assessment Body (CAB ID Number: 201) with respect to Japan, declares that the listed product complies with the Technical Regulations Conformity Certification of Specified Radio equipment (ordinance of MPT N° 37,1981)

Product description: **Zigbee USB 2.4 GHz Wireless Modem Module**  
Trademark: **USB XStick ZB**  
Family name: **--**  
Type designation: **XStick USB Adapter, ZB**  
Serial No: **0013A200405518AA**  
Hard- / Softw. release No: **REV C / V1001**

Manufacturer: **Digi International**  
Address: **355 South 520 West, Suite 180**  
City: **UT 84042 Lindon**  
Country: **United States**

This certificate is granted to:

Name: **Digi International**  
Address: **355 South 520 West, Suite 180**  
City: **UT 84042 Lindon**  
Country: **United States**

This certificate has THREE Annexes.

Zevenaar, 29 January 2010

**CAB**



W.J.M. Jong  
Operations Manager  
Certification



- The validity of this Certificate is limited to products, which are equal to the one examined in the type-examination.
- When the manufacturer (or holder of this certificate) is placing the product on the Japanese market, the product must be affixed with the following Specified Radio Equipment marking:



**R** 201 WW  
10215030

#### Remarks and observations

*The following conditions are applicable:*

This Certificate replaces the Certificate issued on 26 January 2010.

Antennas for Zigbee:

- Fractus FR05-S1-N-0-102, Chip antenna, max. gain of 1.5 dBi at 2.4 GHz

### Documentation lodged for this type-examination

*Test Reports:*

- MICOM Labs: DIGI08-J1 Rev A, 21 January 2010

*Product Documentation:*

- Assembly drawings
- Bill of materials
- Block diagram
- Electric diagrams
- Antenna specifications
- Photos
- User manual

### Technical Standards and Specifications

*The product shows no non-compliances with:*

- Equipment Radio Regulations 2008  
(including amendments)

Chapter I, General Provisions  
Chapter II, Transmitting Equipment  
Chapter III, Receiving Equipment  
Chapter IV, section 4.17 article 49.20

Radio equipment specified in Item (19) of article 2, paragraph 1

### **Technical features and characteristics**

*The product includes the following features and characteristics:*

Zigbee:

- Operating frequency range: 2405-2480 MHz (16 channels)
- Operating frequency band: 2400-2483.5 MHz
- ITU designation: 2M59G1D
- Maximum output power: 3.67 mW/MHz average (rated)
- Maximum antenna gain: 1.5 dBi
- Modulation method(s): O-QPSK

*Annex 3 to Certificate of Radio Equipment in Japan*  
*Number: 10215030/AA/00*

29 January 2010  
*Annex 3, Page 1 of 1*

*The product as described in this Certificate includes the following type designations:*

Product description: Zigbee USB 2.4 GHz Wireless Modem Module  
Type designation: XStick USB Adapter, ZB  
Trademark: USB XStick ZB  
Serial No: 0013A200405518AA  
Hard- / Softw. release No: REV C / V1001