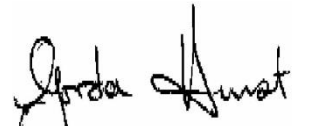


Certificate of Radio Equipment in Japan

MiCOM Labs Inc operating as Recognized Conformity Assessment Body (RCB ID Number: 210) 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)

| | | |
|---|---|----------------------|
| Name of Applicant: | Digi International | |
| Postal Address of Applicant: | 11001 Bren Road East Minnetonka, Minnesota 55343 USA | |
| Name of the Specified Radio Equipment certified by Type: | S2CTH 802.15.4 connectivity of embedded systems Zigbee | |
| Product description: | | |
| Category of the Specified Radio Equipment: | Item 19, Paragraph 1, Article 2 | |
| Type of Emissions Frequency and Antenna power | | |
| Emission Designator | Frequency Band | Antenna Power |
| 2M61G1D | 2405 MHz | 2480 MHz |
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| Hardware / Software revision: | | |
| Identification Code: | R210-105563 | |

This is to certify that the above mentioned device has been granted in accordance with the provisions of Article 38-24, Paragraph 1 of the Radio Law.



Name: Gordon Hurst
 Title: Certification Manager
 Address: MiCOM Labs Inc, Pleasanton, CA

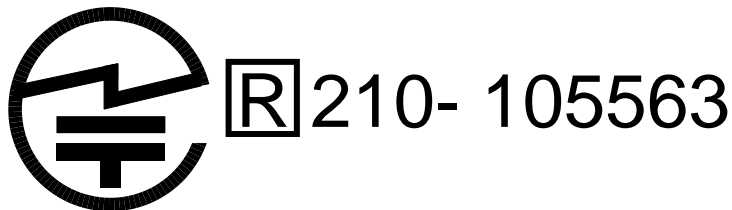
[Note: This certificate has THREE Annexes]

Annex 1 to certificate of Radio Equipment in Japan

Certificate Number; R210-105563

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:



Remarks and observations

The following conditions are applicable:

- Declared Supply voltage: 3.3 VDC

Antennas

Nearson dipole antenna

- Operational Range: 2.4 – 2.5 GHz
- Maximum gain: 2.0 dBi
- Mechanical length: 127 mm
- Reverse SMA

Pulse Single Band Antenna model: W1030

- Operational Range: 2.4 – 2.5 GHz
- Maximum gain: 2.0 dBi
- Mechanical length: 82.5 mm

Pulse Single Band Antenna model: W1049B050

- Operational Range: 2.4 – 2.5 GHz
- Maximum gain: 2.0 dBi
- Mechanical length: 82.5 mm

bec bobbintron electrical corporation model # AN2400-37A19BX

- Operational frequency: 2400 – 2500 MHz
- Maximum gain 2.0 dBi
- Mechanical length: 82.3 mm
- Reverse SMA

MaxStream Whip Antenna

- Operational frequency: 2.4 GHz
- Maximum Gain: -
- Mechanical Length: 28.6 mm

Annex 2 to certificate of Radio Equipment in Japan**Certificate Number; R210-105563****Documentation lodged for this type-examination:**

Test Reports:

- MiCOM Labs: DIGI49-J2 Rev A

Product Documentation:

- Assembly drawings
- Layout Drawings
- Antenna Specifications
- Bill of materials
- Block diagram
- Electric/Schematic diagrams
- Antenna specifications
- Photos
- User manual

Technical Standards and Specifications

The product shows no non-compliances with the following Equipment Radio Regulations (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, paragraph1.

Annex 3 to certificate of Radio Equipment in Japan**Certificate Number; R210-105563****Technical features and characteristics**

The product includes the following features and characteristics:

- ZigBee Module
- Operating frequency: 2400 – 2483.5 MHz
- Modulations: QPSK
- Operating Voltage: 2.2 – 3.6 VDC