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)

Applicant Name:	Digi International			
Applicant Address:	355 South 520 West, Suite 180 Lindon, Utah, 84042 USA			
Model Name:	S6BSM			
Product description:	2.4 GHz RF Module			
Classification of specified radio equipment:	Article 2, Paragraph 1, Item 19			
	Frequency Band	**Mode**	**Emission Designator**	**Power mW/MHz**
Type of Emissions Frequency and Antenna power	2412-2472 MHz	802.11b	14M5GXW	7.0 mW/MHz
	2412-2472 MHz	802.11g	18M5DXW	4.0 mW/MHz
	2412-2472 MHz	802.11n	19M0DXW	3.3 mW/MHz
Frequency Allocation (GHz)	**2412, 2417, 2422, 2427, 2432, 2437, 2442, 2447, 2452, 2457, 2462, 2467, 2472 MHz**			
Hardware / Software revision	02 REV A / 1200x			
Certification number	**R210-101057**			

This is to certify that the above mentioned certification by type 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

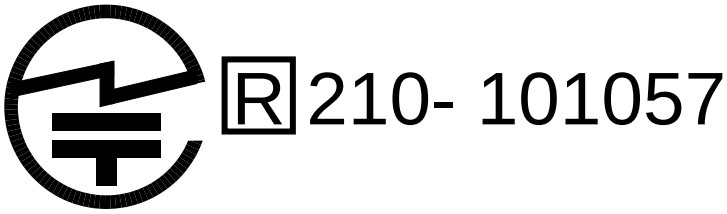
[Note: This certificate has THREE Annexes]

Annex 1 to certificate of Radio Equipment in Japan

Certificate Number; R210-101057

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: 3.3VDC

Antennas

Model	Type	Manufacturer	Gain (dBi)	Frequency Range (GHz)
31000005-01	Internal PCB Antenna	Digi International	0	2.4 to 2.5
AN2400-37A19BX	Dipole	BEC	2.76	2.4 to 2.5
R-AN2400-5701RS-Z	Dipole	BEC	3.45	2.4 to 2.5
--	Integral Whip ¼ wave monopole	DIGI International	1.8	2.4 to 2.5
S131AH-2450S	Dipole	Nearson	2	2.4 to 2.5
W1030	Dipole	Pulse	2	2.4 to 2.5
W1049B050	Dipole	Pulse	2	2.4 to 2.5
WLE-HG-DA	Directional	Buffalo	9	2.4 to 2.5

Annex 2 to certificate of Radio Equipment in Japan

Certificate Number; R210-101057

Documentation lodged for this type-examination:

Test Reports:

- MiCOM Labs: DIGI30-J4 Rev A

Product Documentation:

- Assembly drawings
- Layout Drawings
- 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; R210-101057

Technical features and characteristics

The product includes the following features and characteristics:

The XBee® Wi-Fi RF module provides wireless connectivity to end-point devices in 802.11 bgn networks. Using the 802.11 feature set, these modules are interoperable with other 802.11 bgn devices, including devices from other vendors. With XBee, users can have their 802.11 bgn network up-and running in a matter of minutes.

The XBee® Wi-Fi modules are compatible with other devices that use 802.11 bgn technologies. These include Digi external 802.11x devices like the ConnectPort products and the Digi Connect Wi-SP, as well as embedded products like the ConnectCore series and Digi Connect series of products. More information on these Digi products can be found at: http://www.digi.com/products/wireless/wifisolutions/