



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, Inc.
Applicant Address:	355 South 520 West Suite 180 Lindon, UT, USA 84042
Model Name:	XBee S6
Product description:	2400 – 2483.5 MHz 802.11b/g/n HT-20 Module
Classification of specified radio equipment:	Article 2 Para 1 Item 19 2.4GHz Wide Band Low Power Data Communication System
Type of Emissions Frequency and Antenna power	2412 – 2472 MHz; 5.60mW/MHz (802.11b); 2.60mW/MHz (802.11g); 2.60MHz (802.11n HT-20)
Hardware / Software revision number.	Not Available
Certification number	R210WW1005
Certification date	11/11/2011
Remarks	None

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.

Date: November 11, 2011 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; R 210WW1005

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

Antennas

1.) Integral PCB Antenna:	-0.5 dBi
2.) Dipole AN2400-37A19BX:	+2.76 dBi
3.) Dipole R-AN2400-5701RS-Z:	+3.45 dBi
4.) Whip ¼ wave wire monopole:	+1.8 dBi
5.) Nearson S131AH-2450S ½ wave dipole	+2.0 dBi
6.) Dipole Pulse W1030	+2.0 dBi
7.) Dipole Pulse W1049B050	+2.0 dBi
8.) Buffalo WLE-HG-DA	+9.0 dBi



Date of Issue: Nov 11, 2011

Annex 2 to certificate of Radio Equipment in Japan

Certificate Number; R 210WW1005

Documentation lodged for this type-examination:

Test Reports:

MiCOM Labs: DIGI13-J1 Rev A

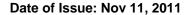
Product Documentation:

- Photos TOP
- Photos BOTTOM
- Photos NO SHIELDS
- Schematics
- Manual
- Test Report
- Block Diagram
- Bill of Materials
- PCB layout
- Radio Protection Statement
- Quality Certificate

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; R 210WW1005

Technical features and characteristics

The product includes the following features and characteristics:

:

- Operating frequency band: 2400-2483.5 MHz
- Operating frequency range: 2412-2472 MHz
- Maximum Operational Bandwidth: (ITU designation)
 - 20M0GXW
 - 2400 2483.5 MHz 802.11b
 - 2400 2483.5 MHz 802.11g
 - 2400 2483.5 MHz 802.11n HT-20
 - Modulation method(s): Per 802.11 DSSS, CCK, OFDM