

Certificate

of

Radio Equipment in JAPAN

No: 07215215/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 OEM RF Module**
Trademark: **XBee Series 2**
Family name: --
Type designation: **XBEE2**
Serial No: --
Software release No: --

Manufacturer: **Servatron, Inc.**
Address: **15520 E. Fairview Avenue**
City: **WA 99126 Spokane**
Country: **United States**

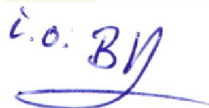
This certificate is granted to:

Name: **MaxStream, Inc.**
Address: **355 So. 520 West, Suite 180**
City: **UT 84042 Lindon**
Country: **United States**

This certificate has THREE Annexes.

Zevenaar, 19 September 2007

CAB



M.H. Koop
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:



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Remarks and observations

The following conditions are applicable:

Antennas for 802.15.4 / Zigbee:

- Fractus Reach Xtend UM_FR05-S1-N-0-001_v05, Ceramic Chip antenna, max. gain of - 1.5 dBi at 2.4 GHz
- MaxStream Whip antenna, 1/4 wave monopole, max. gain of + 1.8 dBi at 2.4 GHz
- NEARSON S131CL-L-xMM-2450S, 1/2 wave dipole, max. gain of + 2 dBi at 2.4 GHz

Technical features and characteristics

The product includes the following features and characteristics:

802.15.4 / Zigbee:

- Operating frequency range: 2405 - 2480 MHz (16 Channels)
- Operating frequency band: 2400-2483.5 MHz
- ITU designation: 2M61G1D
- Maximum output power: 1.6 mW/MHz average (rated)
- Maximum antenna gain: 2 dBi
- Modulation method(s): O-QPSK

*Annex 3 to Certificate of Radio Equipment in Japan
Number: 07215215/AA/00*

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

Product description:	Zigbee OEM RF Module
Type designation:	XBEE2
Trademark:	XBee Series 2
Serial No:	--
Hardware release No:	1941