

# Certificate

## Of

### Radio Equipment in JAPAN

No.: 142150392/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: **Bluetooth® 4.1 Low Energy Module**

Trademark: **Microchip**

Family name: --

Type designation: **RN4020**

Serial No: --

Hard-/Software release No: --

Manufacturer: **Microchip Technology Inc.**

Address: **2355 West Chandler Blvd.**

City: **85224-6199 Chandler, Arizona**

Country: **United States**

This certificate is granted to:

Name: **Microchip Technology Inc.**

Address: **2355 West Chandler Blvd.**

City: **85224-6199 Chandler, Arizona**

Country: **United States**

This certificate has THREE Annexes.

Zevenaar, 13 October 2014

**CAB**



*W.J.M. Jong*  
i.o.

W.J.M. Jong  
Manager Product Certification



PRODUCTS  
RvA C 224

- 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** 201-140392

#### Remarks and observations

*The following conditions are applicable:*

Antennas for Bluetooth:  
PCB antenna, max gain of -0.23 dBi at 2.4 GHz

## Documentation lodged for this type-examination

### *Test Reports:*

- Worldwide Testing Services (Taiwan) Co., Ltd.: W6M21409-14480-J-1, 25 September 2014

### *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:*

#### Bluetooth LE

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: 1M31F1D
- Maximum output power: 4 mW rated

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

- Product description: Bluetooth® 4.1 Low Energy Module
- Trademark: Microchip
- Type Designation: RN4020