

# Certificate

of  
Radio Equipment in JAPAN

No: 201-160496 / 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 Terminal equipment (ordinance of MPT N° 31,1984)

Product description: **BT 4.2 Module**  
Trademark: **Raytac**  
Type designation: **MDBT42Q**  
Hardware / Software version: **1 / 1**  
Variants: **See Annex 3**

Manufacturer: **Raytac Corporation**  
Address: **5F, No.3, Jiankang Rd., Zhonghe Dist.,**  
City: **New Taipei 23586**  
Country: **Taiwan**

This statement is granted to:

Name: **Raytac Corporation**  
Address: **5F, No.3, Jiankang Rd., Zhonghe Dist.,**  
City: **New Taipei 23586**  
Country: **Taiwan**

This statement has THREE Annexes.

Zevenaar, 19 August 2016

**CAB**



Ramy Nabod  
Product Assessor





- 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** 201-160496

#### Remarks and observations

The following conditions are applicable:

Radio module

Antennas for Bluetooth:

Chip Antenna, max gain of -1.6 dBi at 2.4 GHz

Antennas for Bluetooth:

PCB antenna, max gain of -1.6 dBi at 2.4 GHz

## Documentation lodged for this type-examination

### Test Reports:

- SGS Taiwan Ltd.: ER/2016/70014, 01 August 2016

### Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Antenna specifications
- Internal photos
- External photos
- 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: 2.39 mW rated



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

- Product description: BT 4.2 Module
- Trademark: Raytac
- Type designation: MDBT42Q
- Hardware version: 1
- Software version: 1

- Product description: BT 4.2 Module
- Trademark: Raytac
- Type designation: MDBT42Q-P
- Hardware version: 1
- Software version: 1