

# Certificate

of  
Radio Equipment in JAPAN

No: 201-180356 / 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 5.0 Module w/Integrated PCB Antenna**

Trademark: **Laird**

Type designation: **BL651**

Variants: **See Annex 3**

Manufacturer: **Laird Technologies**

Address: **W66N220 Commerce Court, Cedarburg**

City: **53012 Wisconsin**

Country: **United States**

This certificate is granted to:

Name: **Laird Technologies**

Address: **W66N220 Commerce Court, Cedarburg**

City: **53012 Wisconsin**

Country: **United States**

This certificate has THREE Annexes.

Zevenaar, 24 August 2018

**CAB**



David Chen  
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:



#### Remarks and observations

The following conditions are applicable:

Radio module

Listed are 5 antenna's with max antenna peak gain 2 dBi at 2.4 GHz

## **Documentation lodged for this type-examination**

### Test Reports:

- International Certification Corp.: JR852803AE, 22 August 2018

### 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, Paragraph 1, Article 2

## Technical features and characteristics

The product includes the following features and characteristics:

### Bluetooth LE

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: 2M19 F1D
- Maximum output power: 3 mW rated

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

- Product description:	Bluetooth 5.0 Module w/Integrated PCB Antenna
- Trademark:	Laird
- Type designation:	BL651

- Product description:	Bluetooth 5.0 Module w/External Antenna
- Trademark:	Laird
- Type designation:	BL651