

Certificate

of
Radio Equipment in JAPAN

No: 201-170970 / 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 4.2 Dual Mode USB HCI Module**

Trademark: **Laird**

Type designation: **BT850-SA**

Variants: **See Annex 3**

Manufacturer: **Laird Technologies**

Address: **W66N220 Commerce Court**

City: **53012 Cedarburg, Wisconsin**

Country: **United States**

This statement is granted to:

Name: **Laird Technologies**

Address: **W66N220 Commerce Court**

City: **53012 Cedarburg, Wisconsin**

Country: **United States**

This statement has **THREE** Annexes.

Zevenaar, 05 December 2017

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:



 201-170970

Remarks and observations

The following conditions are applicable:

Radio module

Antennas:

Chip antenna, max gain of 0.5 dBi at 2.4 GHz

Dipole antenna, max gain of 2 dBi at 2.4 GHz

PCB Dipole antenna, max gain of 2 dBi at 2.4 GHz

PIFA antenna, max gain of 2 dBi at 2.4 GHz

Documentation lodged for this type-examination

Test Reports:

- International Certification Corp.: JR791801AD, 30 November 2017
- International Certification Corp.: JR791801AE, 30 November 2017

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 (incl. AFH)

- Operating frequency range: 2402-2480 MHz (79 channels)
- ITU designation: 79M0F1D,G1D
- Maximum output power: 0.4 mW/MHz rated

Bluetooth LE

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: 1M38F1D
- Maximum output power: 6 mW rated



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

- Product description: Bluetooth 4.2 Dual Mode USB HCI Module
- Trademark: Laird
- Type designation: BT850-SA

- Product description: Bluetooth 4.2 Dual Mode USB HCI Module
- Trademark: Laird
- Type designation: BT850-ST