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Chamber of Commerce
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C e r t i f i c a t e

Of

Radio Equipment in JAPAN

No.: 12215696/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: **Class 2 Multimedia Bluetooth Module**
Trademark: **Laird Technologies**
Family name: **--**
Type designation: **BTM511**
Serial No: **--**
Hard-|Software release No: **7|18.1**

Manufacturer: **Laird Technologies**
Address: **3481 Rider Trail South Earth City**
City: **MO 63045 Missouri**
Country: **United States**

This certificate is granted to:

Name: **Laird Technologies**
Address: **3481 Rider Trail South Earth City**
City: **MO 63045 Missouri**
Country: **United States**

This certificate has THREE Annexes.

Zevenaar, 25 October 2012

CAB

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 201-125696

Remarks and observations

The following conditions are applicable:

Antennas for Bluetooth (incl. AFH):
, 2450AT42B100, Chip antenna, max gain of 0 dBi at 2.4 GHz
Antennas for Bluetooth (incl. AFH):
, AT5020-E3R0HBA_, Chip antenna, max gain of 0 dBi at 2.4 GHz

Documentation lodged for this type-examination

Test Reports:

- Bureau Veritas Consumer Products Services (H.K.) Ltd.,: RJ120925C28, 08 October 2012

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 (incl. AFH):
- Operating frequency range: 2402-2480 MHz (79 channels)
- Operating frequency band: 2400-2483.5 MHz
- Modulation method(s): FHSS: GFSK, pi/4 DQPSK, 8DPSK
- ITU designation: 78M4F1D
- Maximum output power: 0.30 mW/MHz rated

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

- Product description:	Class 2 Multimedia Bluetooth Module
- Trademark:	Laird Technologies
- Type Designation:	BTM511
- Hardware version:	7
- Software version:	18.1