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The Netherlands
Chamber of Commerce
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Certificate

of

Radio Equipment in JAPAN

No: 201-180629 / 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: **WiFi+Bluetooth 4.1(HS) System on Module**
Trademark: **TechNexion**
Type designation: **PIXI-9377**
Hardware / Software version: **A1 / 1.0**
Variants: **--**

Manufacturer: **TechNexion Ltd.**
Address: **16F-5, No.736, Zhongzheng Road, ZhongHe District**
City: **23511 New Taipei City**
Country: **Taiwan**

This certificate is granted to:

Name: **TechNexion Ltd.**
Address: **16F-5, No.736, Zhongzheng Road, ZhongHe District**
City: **23511 New Taipei City**
Country: **Taiwan**

This certificate has THREE Annexes.

Zevenaar, 10 September 2018

CAB

David Chen

David Chen
Product Assessor

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 201-180629

Remarks and observations

The following conditions are applicable:

Antennas for IEEE 802.11a/b/g/n/ac&Bluetooth:
FPC antenna, max gain of 2.5 dBi at 2.4 GHz and max gain of 3 dBi at 5 GHz
Dipole antenna, max gain of 4 dBi at 2.4 GHz and max gain of 6 dBi at 5 GHz

Antennas for IEEE 802.11b/g/n & Bluetooth:
Monopole antenna, max gain of 3.6 dBi at 2.4 GHz

Documentation lodged for this type-examination

Test Reports:

- Sporton International Inc.: T180627D12-RJ1, 17 August 2018
- Sporton International Inc.: T180627D12-RJ2, 17 August 2018
- Sporton International Inc.: T180627D12-RJ3, 17 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
Item 19-2, Paragraph 1, Article 2
Item 19-3, Paragraph 1, Article 2
Item 19-3-2, Paragraph 1, Article 2

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: 78M3 F1D,G1D
- Maximum output power: 0.2 mW/MHz rated

Bluetooth LE
- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: 1M32 F1D
- Maximum output power: 2 mW rated

IEEE 802.11b
- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 13M1 G1D
- Maximum output power: 0.7 mW/MHz rated

IEEE 802.11g
- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 16M3 D1D,G1D
- Maximum output power: 0.3 mW/MHz rated

IEEE 802.11n 20 MHz
- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 17M5 D1D,G1D
- Maximum output power: 0.23 mW/MHz rated

IEEE 802.11n 40 MHz
- Operating frequency range: 2422-2462 MHz (9 channels)
- ITU designation: 35M8 D1D,G1D
- Maximum output power: 0.1 mW/MHz rated

IEEE 802.11b ch14
- Operating frequency range: 2484 MHz
- ITU designation: 19M1 G1D
- Maximum output power: 0.3 mW/MHz rated

IEEE 802.11a
- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 16M3 D1D,G1D
- Maximum output power: 1 mW/MHz rated

IEEE 802.11n/ac (VHT20)
- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 17M5 D1D,G1D
- Maximum output power: 0.85 mW/MHz rated

IEEE 802.11n/ac (VHT40)
- Operating frequency range: 5190-5230 MHz (2 channels)
- ITU designation: 35M8 D1D,G1D
- Maximum output power: 0.72 mW/MHz rated

IEEE 802.11ac (VHT80)
- Operating frequency range: 5210 MHz
- ITU designation: 75M0 D1D,G1D
- Maximum output power: 0.1 mW/MHz rated

IEEE 802.11a
- Operating frequency range: 5260-5320 MHz (4 channels)
- ITU designation: 16M3 D1D,G1D
- Maximum output power: 1 mW/MHz rated

IEEE 802.11n/ac (VHT20)
- Operating frequency range: 5260-5320 MHz (4 channels)
- ITU designation: 17M4 D1D,G1D
- Maximum output power: 0.85 mW/MHz rated

IEEE 802.11n/ac (VHT40)
- Operating frequency range: 5270-5310 MHz (2 channels)
- ITU designation: 35M8 D1D,G1D
- Maximum output power: 0.72 mW/MHz rated

IEEE 802.11ac (VHT80)
- Operating frequency range: 5290 MHz
- ITU designation: 75M0 D1D,G1D
- Maximum output power: 0.1 mW/MHz rated

IEEE 802.11a
- Operating frequency range: 5500-5700 MHz (11 channels)
- ITU designation: 16M3 D1D,G1D
- Maximum output power: 1 mW/MHz rated

IEEE 802.11n/ac (VHT20)
- Operating frequency range: 5500-5700 MHz (11 channels)
- ITU designation: 17M4 D1D,G1D
- Maximum output power: 0.85 mW/MHz rated

IEEE 802.11n/ac (VHT40)
- Operating frequency range: 5510-5670 MHz (5 channels)
- ITU designation: 35M8 D1D,G1D
- Maximum output power: 0.72 mW/MHz rated

IEEE 802.11ac (VHT80)
- Operating frequency range: 5530-5610 MHz (2 channels)
- ITU designation: 74M8 D1D,G1D
- Maximum output power: 0.1 mW/MHz rated

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

- Product description:	WiFi+Bluetooth 4.1(HS) System on Module
- Trademark:	TechNexion
- Type designation:	PIXI-9377
- Hardware version:	A1
- Software version:	1.0