



Certificate of Radio Equipment in JAPAN 201-250919 / 00

Issued 16 December 2025
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This certificate has THREE Annexes

Kiwa Nederland B.V., operating as Japan Conformity Assessment Body (CAB ID Number: 201), according procedure RD_740, declares that the listed product complies with the Technical Regulations Conformity Certification of Specified Radio equipment (ordinance of MPT N° 37,1981)

Product description: **Arduino UNO Q**
Trademark: **Arduino**
Type designation: **ABX00162**
Variants: **See Annex 3**

Manufacturer: **WNC Corporation**
Address: **20 Park Avenue II Hsinchu Science Park,**
City: **Hsinchu**
Country: **Taiwan**

This certificate is granted to:

Name: **Arduino S.r.l.**
Address: **Via Andrea Appiani, 25, 20900 Monza (Italy)**
City: **Monza**
Country: **Italy**

Wim van Loon
Managing director Nederland

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[https://www.kiwa.com/nl/en/markets/
radio-wireless-and-electrical-
equipment/](https://www.kiwa.com/nl/en/markets/radio-wireless-and-electrical-equipment/)

Chamber of commerce
08090048



- 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:

Antennas for IEEE 802.11a/b/g/n/ac & Bluetooth:

PCB antenna, max gain of 4.80 dBi at 2.4 GHz and max gain of 2.05 dBi at 5 GHz

Documentation lodged for this type-examination

Test Reports:

- SGS Taiwan Ltd.: TERF2509003011E2, 27 November 2025
- SGS Taiwan Ltd.: TERF2509003012E2, 27 November 2025
- SGS Taiwan Ltd.: TERF2509003013E2, 27 November 2025
- SGS Taiwan Ltd.: TERF2509003014E2, 27 November 2025

Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Antenna specifications
- Internal photos
- External photos
- Manual
- Production quality
- Test setup photos

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 19-3, 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: F1D,G1D
- Maximum output power: 0.466 mW/MHz rated

Bluetooth LE_1M

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: F1D
- Maximum output power: 1.260 mW rated

Bluetooth LE_2M

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: F1D
- Maximum output power: 0.788 mW rated

IEEE 802.11b

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: G1D
- Maximum output power: 5.220 mW/MHz rated

IEEE 802.11g

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: D1D,G1D
- Maximum output power: 5.309 mW/MHz rated

IEEE 802.11n (HT20)

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: D1D,G1D
- Maximum output power: 4.983 mW/MHz rated

IEEE 802.11n (HT40)

- Operating frequency range: 2422-2462 MHz (9 channels)
- ITU designation: D1D,G1D
- Maximum output power: 2.448 mW/MHz rated

IEEE 802.11a

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: D1D,G1D
- Maximum output power: 2.206 mW/MHz rated

IEEE 802.11a

- Operating frequency range: 5260-5320 MHz (4 channels)
- ITU designation: D1D,G1D
- Maximum output power: 2.206 mW/MHz rated

IEEE 802.11a

- Operating frequency range: 5500-5720 MHz (12 channels)
- ITU designation: D1D,G1D
- Maximum output power: 1.328 mW/MHz rated

IEEE 802.11n (HT20) / ac (VHT20)

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: D1D,G1D
- Maximum output power: 2.132 mW/MHz rated

IEEE 802.11n (HT20) / ac (VHT20)

- Operating frequency range: 5260-5320 MHz (4 channels)
- ITU designation: D1D,G1D
- Maximum output power: 2.132 mW/MHz rated

IEEE 802.11n (HT20) / ac (VHT20)

- Operating frequency range: 5500-5720 MHz (12 channels)
- ITU designation: D1D,G1D
- Maximum output power: 1.279 mW/MHz rated

IEEE 802.11n (HT40) / ac (VHT40)

- Operating frequency range: 5190-5230 MHz (2 channels)
- ITU designation: D1D,G1D
- Maximum output power: 1.016 mW/MHz rated

IEEE 802.11n (HT40) / ac (VHT40)

- Operating frequency range: 5270-5310 MHz (2 channels)
- ITU designation: D1D,G1D
- Maximum output power: 1.016 mW/MHz rated

IEEE 802.11n (HT40) / ac (VHT40)

- Operating frequency range: 5510-5710 MHz (6 channels)
- ITU designation: D1D,G1D
- Maximum output power: 0.635 mW/MHz rated

IEEE 802.11ac (VHT80)

- Operating frequency range: 5210-5210 MHz
- ITU designation: D1D,G1D
- Maximum output power: 0.444 mW/MHz rated

IEEE 802.11ac (VHT80)

- Operating frequency range: 5290-5290 MHz
- ITU designation: D1D,G1D
- Maximum output power: 0.444 mW/MHz rated

IEEE 802.11ac (VHT80)

- Operating frequency range: 5530-5690 MHz (3 channels)
- ITU designation: D1D,G1D
- Maximum output power: 0.284 mW/MHz rated

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

| | |
|------------------------|---------------|
| - Product description: | Arduino UNO Q |
| - Trademark: | Arduino |
| - Type designation: | ABX00162 |

| | |
|------------------------|---------------|
| - Product description: | Arduino UNO Q |
| - Trademark: | Arduino |
| - Type designation: | ABX00173 |