



Certificate of Radio Equipment in JAPAN 201-230268 / 00

Issued 15 May 2023
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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:
Trademark:
Type designation:
Variants:

SenseCAP Indicator
Seeed Studio
D1S
See Annex 3

Manufacturer:
Address:

Seeed Technology Co., Ltd
9F,Building G3,TCL International E city,Shuguang
Community, Xili street, Nanshan
Shenzhen
China

City:
Country:

This certificate is granted to:

Name:
Address:

Seeed Technology Co., Ltd
Building G3, TCL International E city, Zhongshanyuan Road,
Nanshan
Shenzhen
China

City:
Country:

Ron Scheepers
Managing director



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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:



R 201-230268

Remarks and observations

The following conditions are applicable:

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

PIFA antenna, max gain of 1.89 dBi at 2.4 GHz

Documentation lodged for this type-examination

Test Reports:

- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ2340473-601, 12 May 2023
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ2340473-602, 12 May 2023

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

Technical features and characteristics

The product includes the following features and characteristics:

Bluetooth LE_1M

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: F1D
- Maximum output power: 9.000 mW rated

Bluetooth LE_2M

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: F1D
- Maximum output power: 9.000 mW rated

IEEE 802.11b

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: G1D
- Maximum output power: 3.57 mW/MHz rated

IEEE 802.11g

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: D1D,G1D
- Maximum output power: 2.77 mW/MHz rated

IEEE 802.11n 20 MHz

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: D1D,G1D
- Maximum output power: 2.86 mW/MHz rated

IEEE 802.11n 40 MHz

- Operating frequency range: 2422-2462 MHz (9 channels)
- ITU designation: D1D,G1D
- Maximum output power: 1.36 mW/MHz rated

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

- Product description:	SenseCAP Indicator
- Trademark:	Seeed Studio
- Type designation:	D1S

- Product description:	SenseCAP Indicator
- Trademark:	Seeed Studio
- Type designation:	D1