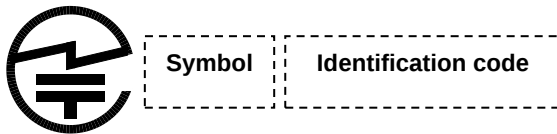


The marking for Specified Radio Equipment in Japan

Introduction

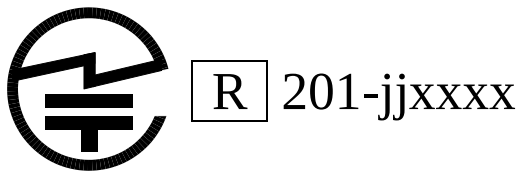
The affixing of a mark, symbol and identification code for equipment certified by EC-CABs shall be in accordance with the MPHPT (currently MIC) Radio Law 38-2-2 paragraph 1 item 1 (unlicensed station) and 38-2-2 paragraph 1 item 2 (blanket license). The General form of the mark is as follows:



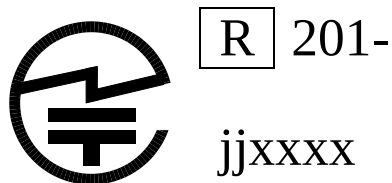
The affixing of marking

The manufacturer must affix the following mark for which approval has been granted by Kiwa

Examples:



Or, if space doesn't permit, identification field may be placed under the symbol field



Symbol field

R: symbol for Radio

201: identification number Kiwa

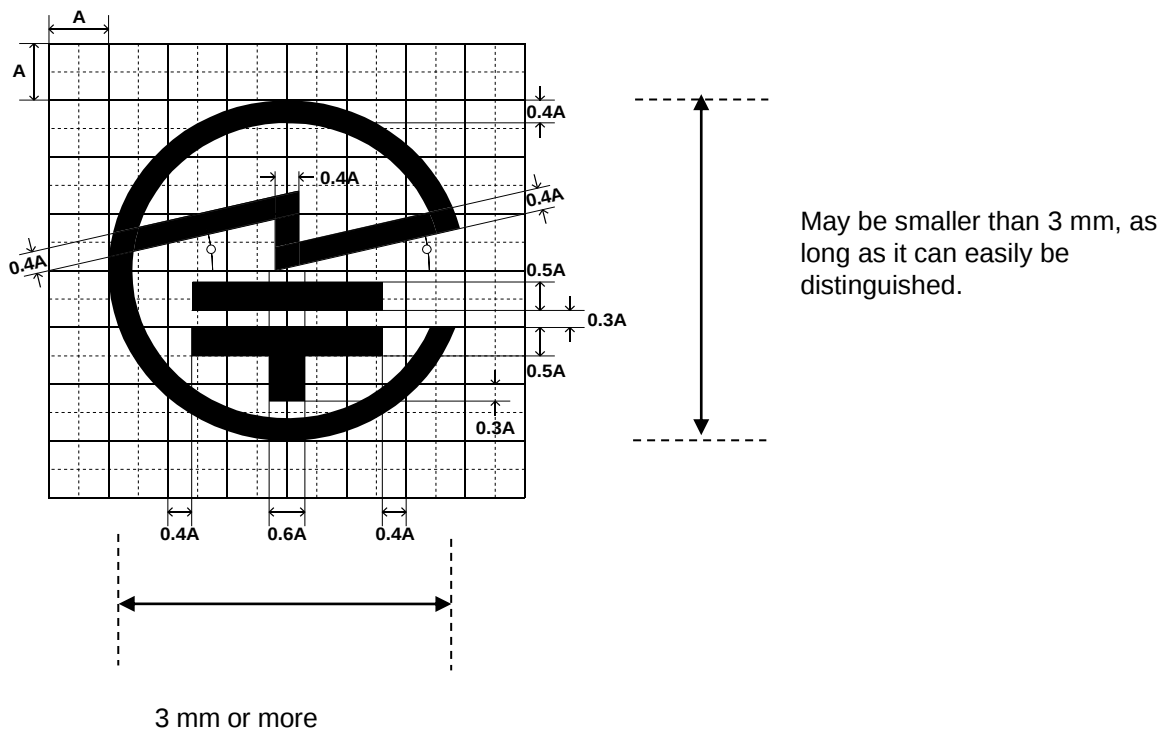
Identification code field (certificate number Kiwa)

jj the last two numbers of the year as also in the certificate number

xxxx last 4 digits of the Kiwa certificate number

Size of the Mark

The diameter of the Giteki mark, previously “3mm or greater” has now been changed to “any size possible, as long as its easily identifiable”.



Additional marking for 5 GHz indoor products

For products using frequencies within 5.15-5.35 GHz, please additionally print the following **warning text** “5GHz product for indoor use only” on your product::

電波法により5GHz帯は屋内使用に限ります。

W52/W53 is indoor use only, except for communication with "W52 AP registered in MIC".

Products using frequencies within 5.47-5.72 GHz may be used indoor and/or outdoor.

Electronic labelling

Radio equipment containing a digital screen are allowed to show the conformity marking in an electrical image on the digital screen instead of a physical label on the exterior of the radio equipment.

<< Example of Electronic Display which conforms with the technical regulations >>

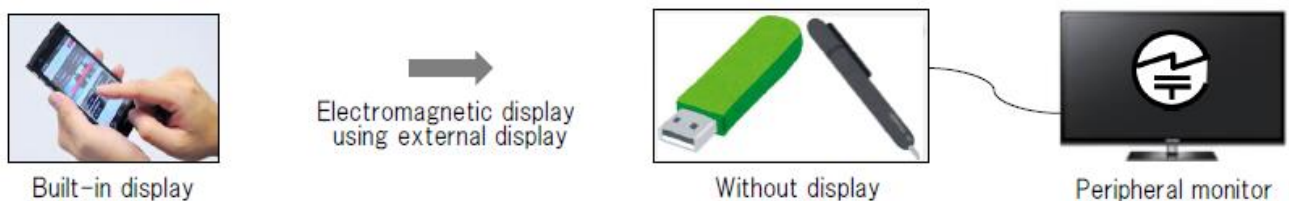
(1) Operation Example



(2) Display Example



New Electromagnetic display method:



Products which have no display may use a peripheral monitor to display the Giteki mark.



Revision record sheet

NOTE: The person who initiated the document or modified the document is responsible for maintaining this record sheet

Revision	Section number	Page number	Date	Remark(s)	issued by
7			09-02-11	Modification layout Certification number	MWO
7			29-02-11	Revision sheet moved to last page Japan ID without spaces on page 2	WJJ
8		1	15-2-2013	Deleted text about different categories as this is not applicable anymore	RN
9	Update size of mark		17-11-2014	Update from 5mm to 3mm	MWO
10	Mark size		06Jan15	Update all info about 3mm size (5 mm size and info on volumes deleted)	BV
11		3	09-07-2015	Added electronic labelling	WJJ
12	Update size of mark		12-07-2019	The allowed diameter of the Giteki mark has changed and added new method to display the mark for products without display.	RN
13	Kiwa logo		27-12-2022	Replacement of Kiwa name or logo by Kiwa.	AG

Issued/modified by : A. Gase
Function : Quality manager
Revision : 13
Date : 27-12-22

Verified by : Willem Jan Jong
Function : Manager Product Certification
Date : 27-12-2022

Released by : A.J. Gase
Function : Quality Manager
Date of release : 27-12-2022



Certificate of Radio Equipment in JAPAN 201-230268 / 00

Issued 15 May 2023
Page 1 of 5
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



Kiwa Nederland B.V.
Wilmersdorf 50
Postbus 137
7300 AC Apeldoorn
The Netherlands

[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