



Certificate of Radio Equipment in JAPAN 201-240653 / 00

Issued 22 October 2024
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: **Non-Contact Level Transmitter**
Trademark: **ifm**
Type designation: **LW2720**

Manufacturer: **ifm electronic gmbh**
Address: **Friedrichstraße 1,**
City: **45128 Essen**
Country: **Germany**

This certificate is granted to:

Name: **ifm electronic gmbh**
Address: **Friedrichstraße 1,**
City: **45128 Essen**
Country: **Germany**

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 201-240653

Remarks and observations

The following conditions are applicable:

Antennas:

Lens antenna, max gain of 24 dBi

Documentation lodged for this type-examination

Test Reports:

- Sporton International Inc. Hsinchu Laboratory: JR451436, 21 October 2024

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 4.11 article 49.14

Radio equipment specified in:

Item 8, Paragraph 1, Article 2

Technical features and characteristics

The product includes the following features and characteristics:

79GHz Radar

- Operating frequency range: 77.0-81.0 GHz
- ITU designation: F3N
- Maximum output power: 1.012 mW rated

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

- Product description: Non-Contact Level Transmitter
- Trademark: ifm
- Type designation: LW2720