
We:	EnOcean GmbH Kolpingring 18a D 82041 Oberhaching Germany
Inform:	that the following components (radio modules) TCM 615 which are designed for integration into final OEM products, are pre-assessed according to the technical requirements of the standards and directives detailed below.
Directives:	Radio Equipment Directive, RED 2014/53/EU Restriction of Hazardous Substances in Electrical and Electronic Equipment Directive (RoHS) 2011/65/EU, (Annex 2015/863/EU)
Standards used:	EN 301 489-1:V2.2.3 EN 301 489-3:V2.3.2 Electromagnetic compatibility and Radio spectrum Matters (ERM), Part 1: Common technical requirements, Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz EN 61000-4-2:2009, EN 61000-4-3:2006+A1:2008+A2:2010, EN 61000-4-6:2009 Electromagnetic compatibility (EMC) Part 4-2: Electrostatic discharge immunity test Part 4-3: Radiated, radio-frequency, electromagnetic field immunity test Part 4-6: Radio frequency common mode EN 300220-2:V3.1.1 Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz - Part 2: Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU for non- specific radio equipment EN 62311:2020 Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz)

Mandatory requirements for integration

The EnOcean radio modules, specified above, are components which are delivered to OEM manufacturers for their use (integration) in final or combined products.

It is the responsibility of the OEM manufacturer to demonstrate compliance of the end-product with all applicable EU directives and standards. The EnOcean list of assessed directives and standards serves as input to the declaration of conformity for the final product.

EnOcean provides specific test reports upon request, for the before mentioned components based on a reference implementation. The OEM manufacturer is responsible for the approval of the end-product and can use the test reports provided by EnOcean where applicable. Details and conditions are described in the product-specific user manuals.

Additional hints:

At the time of writing following documents guidance have been published:

RED Guide:

<http://ec.europa.eu/docsroom/documents/23321>

OEM manufacturers have at least to fulfill the following requirements:

- Integration of EnOcean modules have to follow technical specification and reference designs of the respective module
- Product safety, e.g. EN62368 has to be demonstrated by the end-product of the OEM manufacturer
- Provide product branding clearly identifying company name or brand and product name as well as type, charge or serial number for market surveillance
- Include documentation containing full postal address of the manufacturer as well as radio frequency band and maximum transmitting power
- Include a user manual, safety information and a declaration of conformity for the final product in local language
- Provide product development and test documentation upon request

If OEM manufacturers need further assistance, we recommend to contact an accredited test house for detailed guidance.

Place of issue: Oberhaching
Date of issue: June 18, 2025

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