

We: **EnOcean GmbH**
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Declare: **under our sole responsibility that the following labelled products**

Transmitter: **PTM 215Zx, PTM 216Zx**

to which this declaration is related, are, when used as specified, in conformity with the technical requirements of the standards and the provisions of the essential requirements of the 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 301489-1:V2.2.3, EN 301489-17:V3.2.4**

Electromagnetic compatibility and Radio spectrum Matters (ERM);
ElectroMagnetic Compatibility (EMC) standard for radio equipment;
Part 1: Common technical requirements
Part 17: Specific conditions for Broadband Data Transmission Systems

EN 61000-6-2:2005, EN 61000-6-4:2007+A1:2011

Electromagnetic compatibility (EMC)
Part 6-2: Generic standards – Immunity for industrial environments
Part 6-4: Generic standards – Emission standard for industrial environments

EN 300328:V2.2.2

Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques

EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

EN 62368-1:2014+A11:2017

Audio/Video, information and communication technology equipment Part 1: Safety requirements

Recommendations: **ERC Recommendation 70-03**

Important hints:

RED approval is only valid for products in delivery state, including standard hardware and software.

Dolphin radio modules 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 with all applicable EU directives and standards. The EnOcean declaration of conformity serves as input to the declaration of conformity for the final product.

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

Blue Guide:

<http://ec.europa.eu/DocsRoom/documents/18027/>

RED Guide:

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

Specifically, within the new RED framework, all OEM manufacturers have for instance to fulfill the following additional requirements:

- 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.

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Raoul Wijgergangs
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