

DECLARATION DE CONFORMITE UE EU DECLARATION OF CONFORMITY

Nous,

We,

ACKSYS Communications & Systems

Déclarons que le(s) produit(s) listé(s) ci-dessous :

Declare that the product(s) listed below:

RailBox_V2 series

Product type: High performance railway router, with WiFi 6 / WiFi 6E and LTE 4G / 5G connectivity for Onboard and Trackside communications

Est (sont) conforme(s) avec la (les) directive(s) Européenne(s) suivante(s) :

Is (are) in conformity with the following European directive(s):

- **2014/53/EU: Radio Equipment Directive (RED)**

Références des normes appliquées pour cette déclaration de conformité UE :

References of standards applied for this EU declaration of conformity:

- **EN 62368-1:2014+A11:2017:** Audio/video, information and communication technology equipment Part 1: Safety requirements
- **EN IEC 62311:2020:** Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
- **EN 301 489-1 2.2.3:** ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU
- **EN 301 489-17 3.2.4:** ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
- **EN 300 328 2.2.2:** Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- **EN 301 893 2.1.1:** 5 GHz RLAN; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- **EN 301 489-19 2.2.0:** ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications and GNSS receivers operating in the RNSS band (ROGNSS) providing positioning, navigation, and timing data; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
- **EN 301 489-52 1.2.1:** ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication User Equipment (UE) radio and ancillary equipment; Harmonised Standard for ElectroMagnetic Compatibility
- **EN 301 908-1 15.2.1:** IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 1: Introduction and common requirements

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- **EN 301 908-2 13.1.1:** IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)
- **EN 301 908-13 13.2.1:** IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

Villepreux, le 21 février 2024
Villepreux, February 21th 2024



Ali MEKADMINI
Product certification engineer



Philippe DUPONT
COO