

EU DECLARATION OF CONFORMITY

Manufacturer: Vaisala Oyj

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Street Address: Vanha Nurmijärventie 21, Vantaa, Finland

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration:

Vaisala Beam Weather Station BWS500,
including any of the following:
Vaisala Edge Gateway EGW501,
Power Supply Unit PSU501

The object of the declaration described above is in conformity with Directives:

RoHS Directive (2011/65/EU), as amended by
Commission Delegated Directive (EU) 2015/863

EMC Directive (2014/30/EU)

Low Voltage Directive (2014/35/EU)

Radio Equipment Directive (2014/53/EU)

The conformity is declared using the following standards:

EN 55032:2015 Electromagnetic compatibility of multimedia equipment – Emission requirements. BWS500 fulfills the requirements for Class B equipment

EN 61010-1:2010 + A1:2019 Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements

EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 1: General requirements. BWS500 fulfills the requirements for basic electromagnetic environment, with the understanding that communication may be disturbed by electromagnetic interference, and that the maximum permissible electrostatic contact discharge is 2 kV

EN 301 489-1 V2.2.3 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

EN 301 489-19 V2.2.0 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 providing positioning, navigation, and timing data

EN 301 489-52 V1.2.1 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication User Equipment (UE) radio and ancillary equipment

EN 301 511 V12.5.1 Global System for Mobile communications (GSM); Mobile Stations (MS) equipment; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

EN 301 908-2 V13.1.1 IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)

EN 303 413 V1.2.1 Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Signed for and on behalf of Vaisala Oyj, in Vantaa, on 15th December 2023



Jari-Pekka Mörsky
Senior Manager, Product Compliance