



EU Declaration of Conformity

EUDoC no. 2023-14
Issuer's name: Narda Safety Test Solutions GmbH (manufacturer)
Issuer's address: Sandwiesenstr. 7, D-72793 Pfullingen, Germany
Object of declaration:

| Model no. | Part no. | Designation |
|-----------|----------|-------------|
| FieldMan | 2460/01 | Basic Unit |

The object of the declaration described above is in conformity with the requirements of the following documents:

| Document no. | Title |
|----------------------------------|---|
| 2014/53/EU | Directive 2014/53/EU of The European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC |
| ETSI EN 301 489-1 V2.2.3 | ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements |
| ETSI EN 301 489-1 V1.9.2 | Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements |
| ETSI EN 301 489-17 V3.2.4 | ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility |
| ETSI EN 300 328 V2.2.2 (2019-07) | Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum |
| EN 61326-1: 2021 | Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements |
| EN 61010-1: 2010 | Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements |
| 2011/65/EU (RoHS) | Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (previously 2002/95/EC) |
| (EU)2015/863 | RoHS amending Directive |
| EN IEC 63000:2018 | Technical documentation with respect to the RoHS |

Signed for and on behalf of: Narda Safety Test Solutions GmbH
Place and date of issue: Pfullingen, 2023-03-16

Signature:

Name, function:


 Martin Meisenburg, Managing Director

Annex - EMC of EU Declaration of Conformity

Relates to: EUDoC no. 2023-14
Object: FieldMan 2460/01 Basic Unit

Tests according to EN 61326

| Electromagnetic immunity | Standard | Test level, condition |
|---|------------------------|--|
| Immunity to electrostatic discharge | EN 61000-4-2 | 2 kV / 4 kV / 8 kV (criterion A) |
| Immunity to radiated electromagnetic fields | EN 61000-4-3 | 10 V/m for 89 MHz to 1 GHz 3 V/m for 1.4 GHz to 6 GHz (criterion A) |
| Fast transient common mode immunity (on power supply port) | EN 61000-4-4 | ±1 / ±2 kV (criterion A) |
| Surge immunity | EN 61000-4-5 | ±0,5 kV / ±1 kV / ±2 kV (criterion A) |
| Immunity to conducted high frequency disturbances | EN 61000-4-6 | 3 V rms (criterion A) 150 kHz – 80 MHz |
| Power frequency magnetic field immunity | EN 61000-4-8 | 30 A/m (criterion A) |
| Immunity to voltage dips, short-time interruptions and voltage fluctuations | EN 61000-4-11 | 25 cycles (70% supply voltage) 10 cycles (40% supply voltage) 1 cycle (0% supply voltage) (criterion A) 250 cycles (0% supply voltage) |
| Electromagnetic emission | Standard | Test level, condition |
| Radiated emission | EN 55011 (CISPR 11) | Class B |
| Conducted emission | EN 55011 (CISPR 11) | Class B |
| Harmonic current emissions | EN 61000-3-2 | Class A |
| Voltage fluctuation and flicker | EN 61000-3-3 | Short functional test |