

EU Declaration of Conformity

(In accordance with Directive 2014/53/EU – Radio Equipment Directive)

1. Product Information

Manufacturer:

Tector ApS
Tranevej 16, st
2400 Copenhagen, Denmark

Product Name: Woody V2

Product Description: Wireless IoT sensor for wood moisture, temperature, and humidity measurement

Model: Woody V2

Radio Module Used: LoRa-E5-HF (by Seeed Technology Co., Ltd., FCC ID: Z4T-LORA-E5)

2. Declaration

We, **Tector ApS**, declare under our sole responsibility that the product identified above is in conformity with the essential requirements and other relevant provisions of the following EU Directives:

- **2014/53/EU** - Radio Equipment Directive (RED)
- **2014/30/EU** - Electromagnetic Compatibility Directive (EMC)
- **2014/35/EU** - Low Voltage Directive (LVD) (as applicable)
- **2011/65/EU** - Restriction of Hazardous Substances (RoHS)
- **2001/95/EC** - General Product Safety Directive

3. Harmonized Standards Applied

Reference	Title	Version / Date
EN 62368-1	Audio/video, information and communication technology equipment – Safety requirements	2014+A11:2017
EN 301 489-1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 1: Common technical requirements	V2.2.3 (2019-11)
EN 301 489-3	EMC standard for radio equipment and services – Part 3: Specific conditions for SRD (9 kHz – 246 GHz)	V2.1.1 (2019-03)
EN 300 220-1 / EN 300 220-2	Short-Range Devices (SRD); 25 MHz – 1000 MHz; Radio spectrum access and control	V3.1.1 (2017-02) V3.2.1 (2018-06)
EN 62311	Assessment of electronic and electrical equipment related to human exposure to electromagnetic fields (EMF)	2020
EN 301 489-17	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility	V3.2.4 (2020-09)
EN 61326-1	Electrical equipment for measurement, control and laboratory use. EMC requirements General requirements	2021
EN61010-1	Information technology equipment - safety – Part 1: General Requirements	2010
EN 55032 Class B	Electromagnetic compatibility of Information technology equipment - Emission requirements	2015
EN 55024	Information technology equipment. Immunity characteristics. Limits and methods of measurement	2010 + A1: 2015

4. Supporting Technical Documentation

Conformity has been demonstrated by evaluation of the following test reports and certificates:

- **Seed Technology Co., Ltd.**
 - CE Test Report No. BL-SZ2080377 (LoRa-E5 HF Module) - EN 62368-1, EN 301 489-1/3, EN 300 220-1/2, EN 62311

- **EKTOS Testing & Reliability Services A/S**
 - Test Report No. P24-0025-1
 - EN 61326-1:2021 Basic electromagnetic environment
 - EN 301 489-1 2.2.3
 - EN 301 489-17 V3.2.4
 - Test Report No. P24-0025-2
 - FCC 47 CFR Part 15 Subpart B
 - ICES-003, Issue 7:2020
 - Test Report No. P24-0025-3
 - EN 300 220-2 V3.1.1

- **Additional Certifications:** FCC (USA), ISED (Canada), RCM (Australia), TELEC (Japan) - for reference only.

5. Additional Notes

- The product integrates a pre-certified LoRa-E5 module. Integration was verified per EN 300 220 and EN 301 489 to confirm host compliance.
- The complete technical documentation and test results are archived at Woodsense ApS for 10 years after the last unit is placed on the market.

Copenhagen, 2025-11-10

Signed for and on behalf of Tector ApS

Lasse Regin Nielsen

2025-11-10

Lasse Regin Nielsen

CTO, Tector ApS

Audit trail

Details

FILE NAME Declaration of Conformity EU Gen. 2 - 11/10/25, 4:21 PM

STATUS ● Signed

STATUS TIMESTAMP 2025/11/10
15:22:16 UTC

Activity



SENT

lrn@tector.com **sent** a signature request to:
• Lasse Regin Nielsen (lrn@tector.com)

2025/11/10
15:21:46 UTC



SIGNED

Signed by Lasse Regin Nielsen (lrn@tector.com)

2025/11/10
15:22:16 UTC



COMPLETED

This document has been signed by all signers and is **complete**

2025/11/10
15:22:16 UTC

The email address indicated above for each signer may be associated with a Google Account, and may either be the primary email address or secondary email address associated with that account.