



The Testcenter facility 'LoRa[®] Test Lab' within IMST GmbH is recognized by the LoRa[®] Alliance for testing in accordance to the LoRaWAN[®] Specification V1.0.4

Report for Certification by Similarity according to LoRaWAN[®] (V1.0.4 EU868)

for the Device

**“ELSYS Indoor Air
Quality sensor Display“**

for the Customer

“Elektroniksystem i Umea AB (Elsys)“

Jens Lerner
Yavuz Turan

24th August, 2023

Administrative Summary

Location: IMST GmbH, Test Centre, Kamp-Lintfort, Germany

Responsible Test Engineer: Yavuz Turan, Jens Lerner

Subject: Test of Conformance to LoRaWAN® Specification V1.0.4 (EU868)

Company and Contact Information:

Elektroniksystem i Umea AB (Elsys)

Johannes Karlsson

Tvistevägen 48

90736 Umea

Sweden

Checked Device: ELSYS Indoor Air Quality sensor Display

Hardware version: 2

Firmware version: 3

Type and Version of used Stack: Stackforce 4.6.0

Original End-device identifier: ERS

LoRa Device Class: A

LoRaWAN Specification version: V1.0.4

Certification requirements: LoRa End Device Certification by Similarity V1.1

Frequency band(s): 868 MHz

Type of Certification by Similarity:

Case 2: Certification of an end-device variant from a certified end-device

Variant device differences to the referenced certified device:

- Same LoRa transceiver
- Same LoRaWAN protocol SW version
- Same MCU Core
- Same Clock design and implementation

Brief description of the differences between the primary and the variant device

Display added to original ERS-design.

Date: 24th August, 2023

The Test Report, No. 6230478 has the following conclusion:

The device fulfils the requirements.

Responsibility:  Approved: 

Yavuz Turan

Test Engineer

Jens Lerner

Quality Engineer

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