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: Yavuz Turan
Approved: Jens Lerner
Test Engineer
Quality Engineer

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