



The Testcenter facility 'LoRa® Test Lab' within IMST GmbH is recognized by the LoRa™ Alliance for testing in accordance to the LoRaWAN™ Specification V1.0.2

Report for Certification by Similarity according to LoRaWAN™ V1.0.2

for the Device

“IUWS“

for the Customer

“Zenner International GmbH & Co.KG“

Jens Lerner
Yavuz Turan

1st June, 2021

Administrative Summary

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

Responsible Test Engineer: Yavuz Turan, Jens Lerner

Subject: Test of requirements for Certification by Similarity according to LoRaWAN™ Specification V1.0.2

Company and Contact Information:

ZENNER International GmbH & Co.KG

Mr. Hartmut Ritter

Römerstadt 6, 66121 Saarbrücken

Germany

Checked Device: IUWS

Hardware version: 1.05

Firmware version: 2.1

Type and Version of used Stack: own, Version 1.0

Original End-device identifier: M8 and caltos E

LoRa Device Class: A

LoRaWAN Specification version: V1.0.2

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

Frequency band(s): 868 MHz

Type of Certification by Similarity:

Case 3: Certification of an end-device variant from a certified end-device

Variant device differences to the referenced certified device:

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

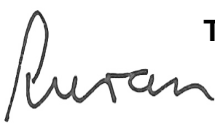
Brief description of the differences between the primary and the variant device


Different sensor: primary device measures temperature, variant device measures time of flight and derives water flow from that

Date: 1st June, 2021

The Test Report, No. 6210469 has the following conclusion:

The device fulfils the requirements.

Responsibility: 
Yavuz Turan
Test Engineer

Approved: 
Jens Lerner
Quality Engineer

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