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

“PDC“

for the Customer

“Zenner International GmbH & Co.KG“

Jens Lerner
Yavuz Turan

17th November, 2020
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: PDC
Firmware version: 3.0
Hardware version: 3.0

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 sensors: primary device, measures temperature, variant measures smoke density

Date: 17th November, 2020

The Test Report, No. 6201195 has the following conclusion:

The device fulfils the requirements.

Responsibility: Yavuz Turan
Approved: Jens Lerner
Test Engineer Quality Engineer

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