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

"Minoprotect radio, EASYPROTECT Radio"

for the Customer

"Zenner International GmbH & Co.KG"

Jens Lerner
Yavuz Turan

23rd October, 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: Minoprotect radio, EASYPROTECT Radio
Firmware version: 2.0
Hardware version: 2.2
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 V1.0
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 counts turns of a wheel and calculation water flow from that

Date: 23rd October, 2020

The Test Report, No. 6201091 has the following conclusion:

The device fulfils the requirements.

Responsibility:  Approved: 

Yavuz Turan — Test Engineer
Jens Lerner — Quality Engineer

LoRa® Alliance