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

"8931N"

for the Customer

"TE Connectivity Sensors"

Jens Lerner
Yavuz Turan

23rd September, 2022

Administrative Summary

Location: IMST GmbH, Test Centre, Kamp-Lintfort, Germany
Responsible Test Engineer: Yavuz Turan, Jens Lerner
Subject: Test of Conformance to LoRaWAN® Specification V1.0.2
Company and Contact Information:
TE Connectivity Sensors
Marty Romain
4 rue Gaye Marie
31000 Toulouse
French
Checked Device: 8931N
Hardware version: B
Firmware version: 2.0.3
Type and Version of used Stack: Stackforce, 4.6.0 Master Version
Original End-device identifier: 8911N
LoRa Device Class: A
LoRaWAN Specification version: V1.0.2
Certification requirements: LoRa End Device Certification by Similarity V1.1
Frequency band(s): EU868&US915 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 LoRaWAN protocol SW version
- Same MCU Core
- Same Clock design and implementation

Brief description of the differences between the primary and the variant device
LoRa vibration sensor with on board FFT processing and analysis

Date: 23rd September, 2022

The Test Report, No. 6220413 has the following conclusion:

The device fulfils the requirements.

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

LoRa® Alliance