



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 (EU&US)

for the Device

“Sampols“

for the Customer

“Orbiwise SA”

Jens Lerner
Yavuz Turan

9th May, 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 V1.0.4

Company and Contact Information:

Orbiwise SA

Jorgen Mortensen

Route de la Galaise, 34

CH1228 Plan-Les-Ouates

Switzerland

Checked Device: Sampols

Hardware version: 1.6

Firmware version: 2.1

Product Version: OW-0004-01.06-EU868&OW-0004-01.06-US915

Type and Version of used Stack: IMST Version: 3.0

Original End-device identifier: iM880B (EU868), iM980A (US915)

LoRa Device Class: C

LoRaWAN Specification version: V1.0.4

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

Frequency band(s): EU868, US915

Type of Certification by Similarity:

Case 1: End-device certification using a certified module

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


The Variant contain a certified LoRaWAN module including its certified firmware. The variant add sensors and a MCU for controlling the sensors, making additional calculations and communication to the LoRaWAN module (e.g. when sending measurements)

Date: 9th May, 2022

The Test Report, No. 6220255 has the following conclusion:

The device fulfils the requirements.

Responsibility: 
Yavuz Turan
Test Engineer

Approved: 
Jens Lerner
Quality Engineer

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