



The Testcenter facility 'LoRa® Test Lab' within IMST GmbH is recognized by the LoRa™ Alliance for testing in accordance to the LoRaWAN™ Specification V1.0.1

Report for Certification by Similarity according to LoRaWAN™ V1.0.1

for the Device

“ECSWL03“

for the Customer

“Herholdt Controls S.r.l.“

Jens Lerner
Yavuz Turan

1st December, 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 V1.0.1

Company and Contact Information:

Herholdt Controls S.r.l.

Mr. Armando Vignati

Via Mestre, 13

20132 Milan

Italy

Checked Device: ECSWL03

Hardware version: 1.0

Firmware version: 1.0

Type and Version of used Stack: N/A

Original End-device identifier: Microchip LoRaWAN Module RN2483A-I/RM104

LoRa Device Class: A

LoRaWAN Specification version: V1.0.1

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

Frequency band(s): 868 MHz

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

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

N/A

Date: 1st December, 2021

The Test Report, No. 6210958 has the following conclusion:

The device fulfils the requirements.

Responsibility:



Yavuz Turan

Test Engineer

Approved:



Jens Lerner

Quality Engineer

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