



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

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# **Report for Certification by Similarity according to LoRaWAN™ V1.0.2**

for the Device

**“CMi4170”**

for the Customer

**“Elvaco AB”**

Jens Lerner

Yavuz Turan

7<sup>th</sup> August, 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:

Elvaco AB

David Svensson

Kabelgatan 2T

43437 Kungsbacka

Sweden

Checked Device: CMi4170

Hardware version: 1A

Firmware version: 1.0.1

Type and Version of used Stack: Stackforce, 4.4 Version

Original End-device identifier: CMa11L

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


CMi4170 is a module for heat meter and CMa11L is a temp and humidity sensor

Date: 7<sup>th</sup> August, 2020

The Test Report, No. 6200820 has the following conclusion:

**The device fulfils the requirements.**

Responsibility:   
Yavuz Turan  
Test Engineer

Approved:   
Jens Lerner  
Quality Engineer

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