



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 (EU868)

for the Device

“Siconia© WM20-L“

for the Customer

“SAGEMCOM E&T SAS”

Jens Lerner
Yavuz Turan

20th December, 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:

SAGEMCOM E&T SAS

Vincent Desortiaux

250 Route de l'Empereur

92848 Rueil Malmaison Cedex

FRANCE

Checked Device: Siconia© WM20-L

Hardware version: 1.0

Firmware version: 4.4.2

Type and Version of used Stack: Semtech, 4.4.2 Version

Original End-device identifier: Siconia© WM15-L

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 2: 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


WM15-L end-device water meter is using a DN15 pipe (thread 3/4" & max flow rate 2500m³/h),

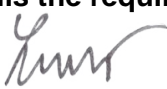
WM20-L en device is using a DN20 pipe (thread 1" and max flow rate 4000m³/h)

Date: 20th December, 2022

The Test Report, No. 6220695 has the following conclusion:

The device fulfils the requirements.

Responsibility: 
Yavuz Turan
Test Engineer

Approved: 
Jens Lerner
Quality Engineer

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