



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

**"MCF-LW13IO"**

for the Customer

**mcf88 srl**

Markus Ridder

Yavuz Turan

21. March 2018

## **Administrative Summary**

Location: IMST GmbH, Test Centre, Kamp-Lintfort, Germany

Responsible Chief Check Engineer: Markus Ridder

Subject: Test of requirements for Certification by Similarity according to LoRaWAN™ Specification V1.0.2

### Company and Contact Information:

mcf88 srl

via Lago di Bolsena 27

36015 Schio (VI)

ITALY

Checked Device: MCF-LW13IO      LoRaWAN wireless actuator

Firmware version: V1.15

Hardware version: 16A9NCG 1771WCG 1901VCG

Type and Version of used Stack: V2.0

Original End-device identifier: iM880B

LoRa Device Class: A

LoRaWAN Specification version: V1.0.2

Certification requirements: LoRa End Device Certification by Similarity V1.0

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

None

Date:            March 21st, 2018

The Test Report, No. 6180496 has the following conclusion:

**The device fulfils the requirements.**

Responsibility:

  
Yavuz Turan  
Test Engineer

Approved:

  
Markus Ridder  
Quality Engineer

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