



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

**“LPN LD-1”**

for the Customer

**“comtac AG”**

Jens Lerner

Yavuz Turan

3<sup>rd</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:

comtac AG

Andres Ramirez

Allenwindenstrasse 1

CH-8247, Flurlingen

Switzerland

Checked Device: LPN LD-1

Hardware version: REV01

Firmware version: V01.00.0000

Type and Version of used Stack: Stackforce, 4.4.1 Version

Original End-device identifier: LPN Tracker

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

Application changes (Other sensors to be read), other HW (other PCB)

Date: 3<sup>rd</sup> August, 2020

The Test Report, No. 6200805 has the following conclusion:

**The device fulfils the requirements.**

Responsibility:  Approved: 

Yavuz Turan

Test Engineer

Jens Lerner

Quality Engineer

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