



The Testcenter facility 'LoRa[®] Test Lab' within IMST GmbH is recognized by the LoRa[®] Alliance for testing in accordance to the LoRaWAN[®] Specification V1.0.4

Report for Certification by Similarity according to LoRaWAN[®] V1.0.4

for the Device

“LLDS12“

for the Customer

**“Shenzhen Dragino Technology
Development co. LTD ”**

Jens Lerner
Yavuz Turan

28th March, 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 V1.0.4

Company and Contact Information:

Shenzhen Dragino Technology Development co. LTD

Edwin Chen

BCT Incubation Bases (BaoChengTai), No.8 CaiYunRoad, LongCheng Street

518116 Shenzhen

China

Checked Device: LLDS12

Hardware version: LSN50 RS485-UART-I2C v1.4

Firmware version: LSE01 v2.0

Type and Version of used Stack: own

Original End-device identifier: LST Module

LoRa Device Class: A

LoRaWAN Specification version: V1.0.4

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

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

They are of same LoRaWAN Module

Date: 28th March, 2022

The Test Report, No. 6220189 has the following conclusion:

The device fulfils the requirements.

Responsibility:



Yavuz Turan

Test Engineer

Approved:



Jens Lerner

Quality Engineer

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