



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

for the Device

**“ Wireless Smart Valve Open-Close
Module UV-1 “**

for the Customer

**“Baylan Ölçü Aletleri Sanayi ve
Ticaret Ltd. Şti. “**

Jens Lerner
Yavuz Turan

19th March, 2021

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:

Baylan Ölçü Aletleri Sanayi ve Ticaret Ltd. Şti.

Erman BAYLAN

10032. Sk. Atatürk Organize Sanayi Bölgesi No:16

35620 Çiğli/İzmir

Turkey

Checked Device: Wireless Smart Valve Open-Close Module UV-1

Firmware version: V60/26

Hardware version: 200107VKL0101

Type and Version of used Stack: own

Original End-device identifier: AK-311 Remote Reading And Prepaid Water Meter

LoRa Device Class: A

LoRaWAN Specification version: V1.0.2

Certification requirements: LoRa End Device Certification by Similarity V1.1

Frequency band(s): 863-870 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


Unlike the AK-311, the UV-1 Module is an end device installed after water meters. The UV-1 manages only valve operations.

Date: 19th March, 2021

The Test Report, No. 6210240 has the following conclusion:

The device fulfils the requirements.

Responsibility: 
Yavuz Turan
Test Engineer

Approved: 
Jens Lerner
Quality Engineer

Copyright Notice & Disclaimer: No part of this test report may be reproduced without written permission of IMST GmbH. The test results herein only refer to the tested sample. IMST GmbH cannot be made responsible for any generalizations or conclusions drawn from the test results presented herein concerning further samples of the tested device. Modification of the tested sample(s) is prohibited and leads to invalidity of this report.