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

“TX PULSE LED 600-038”

for the Customer

“Enless Wireless“

Dietmar Krebs
Yavuz Turan

5th February, 2020
**Administrative Summary**

**Location:** IMST GmbH, Test Centre, Kamp-Lintfort, Germany  
**Responsible Chief Check Engineer:** Dietmar Krebs  
**Subject:** Test of requirements for Certification by Similarity according to LoRaWAN™ Specification V1.0.2  

**Company and Contact Information:**  
Enless Wireless  
Mr. Bruno Petit  
45 ter avenue de Verdun, 33520 Bruges  
France  

**Checked Device:** TX PULSE LED 600-038  
**Kind of product:** Transmitter with Led reader  
**Firmware version:** Rev 1.01  
**Hardware version:** Rev 2.20  
**Type and Version of used Stack:** own  
**Original End-device identifier:** TX TEMP INS 600-031  
**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 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**  
Transmitter with led reader for automatic meter reading  

**Date:** 5th February, 2020

The Test Report, No. 6200157 has the following conclusion:

**The device fulfils the requirements.**

**Responsibility:**  
Yavuz Turan  
Test Engineer

**Approved:**  
Dietmar Krebs  
Quality Engineer