



The Testcenter facility 'LoRa<sup>®</sup> Test Lab' within IMST GmbH is recognized by the LoRa<sup>®</sup> Alliance for testing in accordance to the LoRaWAN<sup>®</sup> Specification V1.0.2

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# Report for Certification by Similarity according to LoRaWAN<sup>®</sup> V1.0.2

for the Device

**“Abeeway Compact Tracker“**

for the Customer

**“Actility”**

Jens Lerner  
Yavuz Turan

29<sup>th</sup> 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 V1.0.2

Company and Contact Information:

Actility

Rohit Gupta

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75009 Paris

France

Checked Device: Abeeway Compact Tracker

Hardware version: ABW003E3.x

Firmware version: AT 2.x

Type and Version of used Stack: 1.02 tag 4.4.0 Version

Original End-device identifier: Abeeway Smart Badge

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


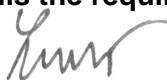
Brief description of the differences between the primary and the variant device

The main differences are in terms of antenna design, casing and battery type. The compact tracker contains reed switch sensor which is not available in smart Badge. The compact tracker does not have external LED and buzzer present in Smart Badge.

Date: 29<sup>th</sup> March, 2022

The Test Report, No. 6220133 has the following conclusion:

**The device fulfils the requirements.**

Responsibility:  Approved: 

Yavuz Turan  
Test Engineer

Jens Lerner  
Quality Engineer

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