

# LoRaWAN Certification Test Report

## General Information

Date: 12.12.2018

Location: CRA HQ Prague, Czech Republic

Responsible test engineer: Bc. Jan Vesely

Producer and contact information: UCEEB of CTU in Prague, Ing. Vit Janovsky

## Test Results

Type of device: IAQ03

Hardware version: 3

Firmware version: 0.6

Device identification: 0009D6B17BF29D86

LoRaWAN stack module version: 1.0

Firmware version of LoRaWAN module: 1.0.3

LoRaWAN class: Class-A

Certification requirements: FULFILLED

Frequency band(s) tested: EU868

Test Equipment: n/a

Test Result: PASSED

## Detailed Test Results

Test Mode activation ABP/OTAA: PASSED

Frame Sequence Number: PASSED

Battery status in Device Status Request: PASSED

Support of all 8 channels: PASSED

Adaptive Data Rate (ADR): PASSED

Possibility to change Tx period: PASSED

Correct acceptance of MAC commands: PASSED

Battery status at the beginning of the test: External power source

Battery status at the end of the test: External power source

One month stability test: PASSED

Supported Optional Features: n/a

Confirmed messages: Not implemented

Remarks: n/a