

## LoRaWAN Certification by Similarity

Requisites: End-device certification using a certified module

### Applicant Company:

Company Name: Cisco System Inc.

Location: SJ-01, 3rd floor, H1-21, 3850 Zanker Rd., SAN JOSE, CA 95134, USA

### Positive Assesment:

Dear Sir,

According to LoRa Alliance Certification process description for LoRaWAN devices detailed in the “CertificationBySimilarityDeclaration\_MAR\_Update.”, the certification by similarity is an option to get the LoRa Alliance Certification.

Based on the information provided by Cisco System Inc., the device “AV202” meets all the requirements specified by the LoRa Alliance, this device is a variant device which design is based on the already LoRaWAN certified device “R100H”.

According to the documentation provided by Cisco System Inc.. the device under certification, has:

- The same LoRa transceiver
- The same LoRaWAN protocol SW version (communication layer)
- The same MCU Core
- The same Clock design and implementation

than the certified integrated module, and the product’s application software cannot interfere with the execution of the LoRaWAN protocol stack.

Data provided by Cisco System Inc. complies with LoRa Alliance requirements for certification by similarity.

### Variant Device Info

LoRaWAN Specification Version: V1.0.2

LoRaWAN Region: US902-928

Class of Operation: Class A

Product Name: AV202

Hardware Version: 0.3

Software Version: 1.0

Firmware Version: 4.4

### Reference Certified Device Info

LoRaWAN Specification Version: V1.0.2

LoRaWAN Region: US902-928

Class of Operation: Class A

Product Name: R100H

Hardware Version: 0.1

Software Version: 1.0\_20180205

Firmware Version: 4.4

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