

# LoRaWAN Certification by Similarity

## Case B: End-Device Certification by Similarity

### Applicant:

Company: Xiamen Milesight IoT Co., Ltd.

Location: Building C09, Software Park Phase III, 361024, Xiamen, China

### Positive Assessment:

Dear Sir,

According to LoRa Alliance Certification process description for LoRaWAN devices detailed in the “Certification By Similarity Declaration V1\_1”, the certification by similarity is an option to get the LoRa Alliance Certification.

Based on the information provided by Xiamen Milesight IoT Co., Ltd., the device “AM307-868M” 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 “AM104-868M”.

According to the documentation provided by Xiamen Milesight IoT Co., Ltd. the device under certification, has:

- The same LoRa transceiver
- The same LoRa protocol SW version
- 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 Moko Technology Ltd. complies with LoRa Alliance requirements for certification by similarity.

### DUT information:

Original Certified End-Device		Variant End-Device	
<b>Model Identification:</b>	AM104-868M	<b>Model Identification:</b>	AM307-868M
<b>LoRaWAN Region:</b>	EU868	<b>LoRaWAN Region:</b>	EU868
<b>Supported Class:</b>	Class A	<b>Supported Class:</b>	Class A
<b>Type of DUT:</b>	End Device/Sensor	<b>Type of DUT:</b>	End Device/Sensor
<b>LoRaWAN Version:</b>	1.0.2	<b>LoRaWAN Version:</b>	1.0.2
<b>Hardware Version:</b>	V1.4	<b>Hardware Version:</b>	V2.0
<b>Firmware Version:</b>	V1.82	<b>Firmware Version:</b>	V1.0.1
<b>Link of Certification:</b>	<a href="https://lora-alliance.org/lora_products/milesight-am104-868/">https://lora-alliance.org/lora_products/milesight-am104-868/</a>		

Dekra Testing and Certification Co., Ltd.  
 No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City  
 333411, Taiwan  
 Tel: +886 3 275 7255 #6426  
 Fax: +886 3 327 8031  
[gavin.yang@dekra.com](mailto:gavin.yang@dekra.com)

ATH Identifier: DEKRA – TWN  
 ATH Responsible: Gavin Yang

*Gavin Yang* 2022-09-19