



CERTIFICATE OF AUTHORIZATION
LoRaWAN® Authorized Test House (ATH)

The LoRa Alliance is pleased to congratulate TÜV Rheinland Group on the authorization for the LoRaWAN® Certification Program for the following lab locations:

Location(s) of Lab(s) included in this authorization:	For LoRaWAN® SPECIFICATION(s):
TÜV Rheinland Nederland B.V. Eiberkamp 10 9351 VT Leek, The Netherlands	V1.0.2 for EU 868-870 MHz V1.0.2 for US 902-928 MHz V1.0.2 for AS 923 MHz V1.0.2 for KR 920-923 MHz V1.0.2 for IN 865-867 MHz V1.0.1 for EU 868-870 MHz V1.0.1 for US 902-928 MHz
TÜV Rheinland Sweden AB. Mobilvägen 10, 223 62 Lund Sweden	V1.0.2 for EU 868-870 MHz V1.0.2 for AS 923 MHz V1.0.1 for EU 868-870 MHz
TÜV Rheinland of North America, Inc. 1279 Quarry Lane, Suite A Pleasanton, CA 94566, USA	V1.0.2 for EU 868-870 MHz V1.0.2 for KR 920-923 MHz V1.0.1 for EU 868-870 MHz V1.0.1 for US 902-928 MHz
TÜV Rheinland Japan Ltd. 4-25-2 Kita Yamata, Tsuzuki-ku Yokohama, Kanagawa-ken 224-0021, Japan	V1.0.1 for EU 868-870 MHz V1.0.2 for AS 923 MHz
TÜV Rheinland Taiwan Ltd. 11F., No. 758, Sec. 4, Bade Rd., Taipei 105, Taiwan, R.O.C	V1.0.2 for EU 868-870 MHz V1.0.2 for AS 923 MHz V1.0.2 for KR 920-923 MHz V1.0.2 for US 902-928 MHz V1.0.1 for EU 868-870 MHz V1.0.1 for US 902-928 MHz
TÜV Rheinland Korea Ltd. E&C Venture Dream Tower 6 197-28, Guro-dong, Guro-gu, Seoul #152-719, Rep. Of Korea	V1.0.2 for EU 868-870 MHz V1.0.2 for AS 923 MHz V1.0.2 for KR 920-923 MHz V1.0.1 for EU 868-870 MHz
TÜV Rheinland (India) Private Ltd. 27/B, 2nd Cross, Electronic City, Phase 1 Bangalore - 560 100, India	V1.0.2 for IN 865-867
CERTIFICATE of AUTHORIZATION DATE	16th September 2019

This Certificate serves to confirm that the above-mentioned locations of ATH are authorized for testing according to the listed LoRaWAN® specification(s) in conjunction with the LoRaWAN® Certification Program.

Sincerely,



Donna Moore, CEO and Chair