

Certificate

Swisscom IoT Qualified Product*

Manufacturer	>	Post CH AG
Model Identification	>	Post Home Button
LoRaWAN™ Region	>	EU863-870
Activation Method (OTAA or ABP)	>	OTAA
Firmware Version	>	2.0.1
Hardware Version	>	3.1
Date of Qualification	>	09.02.2021
LoRaWAN™ Specification Version	>	1.0.2 revB
LoRaWAN™ Class (A, B or C)	>	A
ADR Supported	>	Yes
Special settings for Swisscom LPN	>	No
Additional Comments or Reservations	>	Qualified against the previous process for Swisscom IoT Qualified. Some tests of the LoRaWAN™ Certification v1.6 can't be passed (see attachment). The impact on a production device on the Swisscom LPN network is minor.

This Certificate serves to confirm that the above-mentioned product has passed all relevant tests in conjunction with Swisscom IoT Qualification program, namely Interoperability compliance with Activity network servers and RF performance.

The Manufacturer has been granted the right to use the Swisscom IoT Qualified logo.

*Swisscom confirms that this product, as seen with the above stated firmware and hardware version, was compliant with its LoRaWAN™ network and network servers at the given time of the test and may now be used in productive quantities. Swisscom declines any responsibility, warranty or liability for the product itself including hardware, software, firmware as well as anything else related to the product such as accessories, documentation for instance.

More information and contact to our experts can be found at www.swisscom.ch/iot.



Attachment

Failed tests and impact on production mode

TP_A_EU868_ED_MAC_BV_001_A	>	Join Accept with empty CF list doesn't delete previous channels. Not relevant because a join always follows a device reset (button press >10s)
TP_A_EU868_ED_MAC_BV_008	>	Device doesn't reject an incomplete LinkADRReq. Minor impact, won't happen on the productive Swisscom LPN network.
TP_A_EU868_ED_MAC_BV_009	>	Device allows to change default channels. Minor impact, won't happen on the productive Swisscom LPN network.
TP_A_EU868_ED_MAC_BV_011	>	Confirmed uplink retransmission doesn't work on test mode. No impact in production.
TP_A_EU868_ED_MAC_BV_012	>	Device allows to set a 911 MHz channel in the EU868 settings. Minor impact, won't happen on the productive Swisscom LPN network.
TP_A_EU868_ED_MAC_BV_014_A	>	ADR redundancy command with "00" doesn't perform a reset to the default value. Minor impact, the Swisscom ADR algorithm doesn't use the reset feature.
TP_A_EU868_ED_MAC_BV_015_A	>	FSK not supported
TP_A_EU868_ED_MAC_BV_015_B	>	FSK not supported
TP_A_EU868_ED_MAC_BV_016	>	FSK not supported
TP_A_EU868_ED_MAC_BV_020	>	FSK not supported
TP_A_EU868_ED_MAC_BV_021	>	Echo tests were not working properly in test mode. Separate echo tests for SF7-SF9 show that payloads >63 bytes are not supported. No impact in production, as the maximum DL payload is 6 bytes.