

Federal Communication Commission
Equipment Authorization Division, Application Processing Branch
7435 Oakland Mills Road
Columbia, MD 21048

Freiburg, on 22. Juli 2025

Class 2 Permissive Change (C2PC) Request Letter

FCC ID: 2BL4CEN-WM2, granted on 03/31/2025

TO WHOM IT MAY CONCERN

Pursuant to CFR § 2.1043 we, endiio Engineering GmbH hereby requests a Class 2 Permissive Change.

Reason: Host devices integration

The certified wireless module is integrated in the following devices:

- Retrofit-Box: Wireless device that collects sensor data and forward it to the central Gateway.
- Gateway: It receives the sensor data over wireless and forward it over Ethernet to the cloud.
- Din-Rail Dongle: It has similar functionality to Gateway but it forwards the data over RS-232 UART Serial communication.

Modifications:

Host Device	Changes
endiio Retrofit-Box V2	<ul style="list-style-type: none"> - Stainless-Steel & Teflon housing - Housing antenna - Integrated temperature and acceleration sensors - Inductive Wireless-charging (Qi) - Integrated Thermal Energy-harvester
endiio Gateway V2	<ul style="list-style-type: none"> - Integrated in a pre-certified Up-Gateway device from Aäeon - Metal housing - 5V DC powered over an external power-supply - <u>868 Omni Antenna</u> with 4.5 dBi antenna gain is added - Ethernet and USB interfaces
endiio DIN- Rail Dongle	<ul style="list-style-type: none"> - Din-Rail plastic housing

	<ul style="list-style-type: none"> - 8 – 32V DC powered over an external power-supply - 868 Omni Antenna with 4.5 dBi antenna gain is added - RS-232 UART serial interface
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The following new exhibits will be uploaded:

- Test Report and Test Setup Photos
- Schematics and PCB Layout
- User Manual
- Operational Descriptions

Sincerely,



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