



Date: May 19, 2026

FCC Laboratory
7435 Oakland Mills Rd
Columbia MD 2104

SUBJECT: Class II Permissive Change for FCC ID: 2AEM4-17731221, approval
date: 01/15/2025

Dear Examiner,

This is to request a Class II Permissive Change application for above referenced device.

The changes filed under this application are as follows:

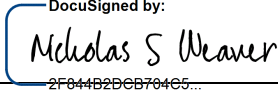
1. Add Model ME10 due to design changes
2. Antenna gain update
3. An upgrade from 2*5GbE ports to 2*10GbE ports
 - Replace Ethernet PHY RTL82651B (5GbE) with RTL8261D (10GbE)
 - Upgrade Ethernet transformer to support 10Gbps
 - Adjust core voltage for Ethernet PHY RTL8261D
4. Changes to non-Tx components which lead to layout minor change but PCB size remains unchanged
 - Implemented cost-effective LP5814 LED driver
 - Enhanced Ethernet surge protection to 4kV using high-voltage transformer and improved layout isolation
 - Implemented Renesas USB-PD controller design with integrated standby/recovery and emergency download functions
 - Front Heatsink (ADC12) changed to Baffle (PC)
 - Add UV glue on Rear Antenna Carrier
 - Remove 2X tape on Rear Antenna Carrier
 - Remove 6X tape on shield can

The software security remains unchanged. All other aspects of the design, including RF components and architecture, remain identical to the original application. The modifications are strictly limited to the items mentioned above. Detailed change notes are supplied as part of the submission package.





Sincerely,

DocuSigned by:

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