

07/09/2024

Telecommunication Certification Body
UL International (UK) Ltd
Units 1-4, Horizon
Wade Road
Kingsland Business Park
Basingstoke
Hampshire
RG24 8AH
United Kingdom

Subject: Class 2 Permissive Change (C2PC) Request

FCC ID: 2ALZB-MUIMWMO146

To whom it may concern

In accordance with KDB 178919 D01 and FCC rule part §2.1043: Changes in Certified Equipment SECO S.p.A. hereby requests a Class 2 permissive change to FCC ID: 2ALZB-MUIMWMO146 as detailed below:

- Change of the antenna type listed in the original grant of equipment authorization from a trace (monopole) antenna to a PCB dipole antenna, model: Molex Series 146187, with higher gains in both the 2.4 GHz and 5 GHz operating bands (2.8dBi max and 4.0dBi max respectively as detailed in this filling)
- 5 GHz WiFi disabled by Software (SW: D90_FLASH_Yocto_BSP_ver > 1.22)
- Module is being used into a specific host product, the SYS-D90-ITE (touch screen display) is a table top equipment
- RF conditions are referred to a portable device instead of a mobile one. Distance between user and Antenna is > 30 mm.
- WiFi Maximum average power is 16.83 dBm, limited by Software (SW: D90_FLASH_Yocto_BSP_ver > 1.22)

As a result of the changes detailed above, the following test cases have been tested to verify compliance of the modified 2ALZB-MUIMWMO146

- Transmitter Out of Band Radiated Emission and Transmitter Band Edge Radiated Emission – Part 15.247(d) and 15.209(a)
- Maximum conducted output power - Part 15.247(b)
- RF exposure evaluation

Yours faithfully,

Alessandro Pali / Global PCB Design & HW Validation & Verification Manager

