Telecommunication Certification Body
UL International (UK) Ltd.
Units 1-3, Horizon
Wade Road
Kingsland Business Park
Basingstoke
Hampshire
RG24 8AH
United Kingdom

12/15/2022

Subject: Class 2 Permissive Change (C2PC) Request

FCC ID: 2ALZB-AW276

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-AW276 as detailed below:

- Use of a new antenna type (refer to datasheet exhibit) not covered by the list of certified antennas in the original grant of equipment authorization. New antenna also has a lower gain in both the 2.4 GHz and 5 GHz frequency bands (lowest gain antenna gives worst case radar reception therefore additional 5 GHz band DFS testing is required).
- Module is being used outside of the conditions stated in its original grant of equipment authorization i.e. it must not be co-located or operating in conjunction with any other antenna or transmitter, in a host product. Module is co-located with certified LTE module FCC ID: XMR201903EG25G in a specific SECO host product, the SYS-C31-DMV industrial PC gateway.
- Change from a full modular approval to a Limited Modular Approval certification.

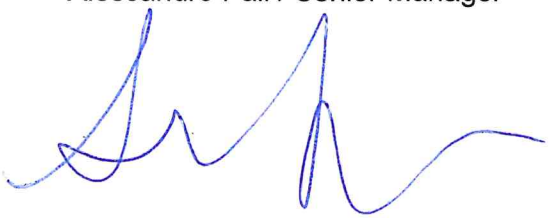
As a result of the changes detailed above, the following test cases have been tested to verify compliance of FCC ID: 2ALZB-AW276 (with the new antenna) co-located with the LTE module inside the host equipment:

- Part 15.207 Transmitter AC Conducted Emissions (BT, 2.4 GHz WLAN, 5 GHz WLAN & BT (worst case) + LTE Bands 2, 4, 7, 12, 41)
- Parts 15.247(d) & 15.209(a) Transmitter Radiated Emissions (BT, 2.4 GHz WLAN)
- Parts 15.247(d) & 15.209(a) Transmitter Band Edge Radiated Emissions (BT, 2.4 GHz WLAN)
- Parts 15.407(b) & 15.209(a) Transmitter Out of Band Radiated Emissions (5 GHz WLAN)
- Parts 15.407(b) & 15.209(a) Transmitter Band Edge Radiated Emissions (5 GHz WLAN)
- Parts 15.407(b) & 15.209(a) / 22.917(a) / 24.238(a) / 27.53(a) Transmitter Out of Band Radiated Emissions and Band Edge Radiated Emissions including Intermodulation Products (BT (worst case) + LTE Bands 2, 4, 5, 7, 12, 41)
- Part 15.407(h) Dynamic Frequency Selection (5 GHz WLAN)

SECO S.p.A.
Via A. Grandi 20 52100 Arezzo – Italy
Ph: +39 0575 26979
Fax: +39 0575 350210
P.IVA – VAT IT 00325250512

Cap. Soc. € 1.048.343,74
Reg. Imprese n. 4196 Arezzo
REA n. 70645
Meccanografico AR007079
Iscr. Reg. Pile e Accumulatori n. IT20080P00006356

A MPE calculation according to Parts 2.1091 and 1.1307 is also included.

Yours faithfully,

Alessandro Pali / Senior Manager