Federal Communications Commission
Authorization and Evaluation Division

Victoria, British Columbia,
Canada, 6/16/2022

Subject: Class 2 Permissive Change V9MSM4NA0 for Radio Certification **for 3 products**

Applicant:	GRAUER Logan – Project Manager – UPONOR Inc
FCC ID:	V9MSM4NA0
IC ID:	7664A-SM4NA0
PMN:	SM4NA0
HMN:	A3801265, A3800161 and A3800169
HVIN:	P08172
FVIN:	V819 / PRG1697_VEB / PRG1393_VEB

We would like to submit the above product for Certification concerning FCC and ISED Canadian rules for a class 2 permissive change in limited modular approval.
This document describes similarities and differences between the 3 concerned products here and the original V9MSM4NA0 (PMN SM4NA0 and HMN A3801263)

They all include P08172: PCB with radio transceiver CC110L chip and all electronic component to work with the same radio configuration except TX output power which has been changed to fit to radio requirements.
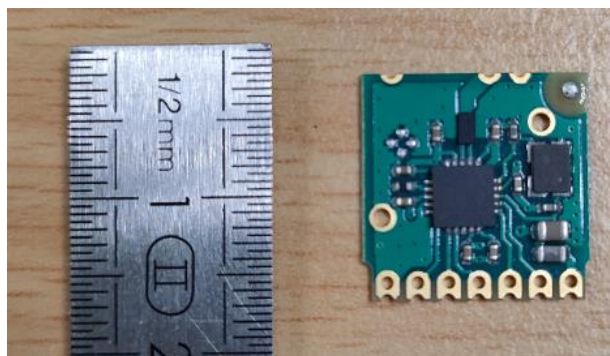

Figure 1 : P08172

Contrary to A3801263, antennas are designed PCB antenna similar but position and direction are different due to physical constraints:

Figure 2: A3801263

For the 3 products concerned by this C2PC

Figure 3 : A3801265

Figure 4 : A3800161

Figure 5 : A3800169

Between P08172 module output and PCB antenna, we have up to 3 passive components used to adapt antenna. Their values differ since radio adaptation depends of environment.

HVIN are also different because their functions are different.

Regards,
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