

X2E GmbH
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Germany

2023.03.13

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

Certification and Engineering Bureau
Innovation, Science and Economic Development Canada
Spectrum Engineering Branch
3701 Carling Avenue, Building 94
Ottawa, Ontario K2H 8S2

Class 2 Permissive Change (C2PC) Request Letter

FCC ID: 2AU4HML-N4000, granted on 02/10/2020

TO WHOM IT MAY CONCERN

Pursuant to CFR § 2.1043 and RSP-100 (Issue 12), section 10.2 we, X2E GmbH hereby requests a Class 2 Permissive Change.

Reason: Hardware/Software Change

Modifications:

- New add-on-PCB, 3x iX-Connectors with 4 channels each 100 / 1000Base-T1.
- New base-board for the connection lines to the new add-on PCB.
- Heat-sink on top internally with active cooling (Improvement of cooling).
- Old firmware: 4.0a.8121 → new firmware: 4.0b.0022
- Board with 4 channels 1000Base-T added.
- Second CAN board added.
- 8-channel RS232 board added.
- New 6-channel analog board added.
- New FPGA board

The following new exhibits will be uploaded:

- Test Report and Test Setup Photos
- Schematics and PCB Layout

Sincerely,



Gerhard Spengler, EMC technician, Address is the same as above