

PHOENIX TESTLAB GmbH
Product Certification
Königswinkel 10
D 32825 Blomberg

28 September 2022

Attention: Application Examiner / Review Engineer

Subject: Request for a Class II Permissive Change

FCC ID: Q6BFMCW80GX5L, Q6BFMCW80GX5T
Grant Date(s): 03/02/2018

Pursuant to CFR47 §2.1043, the Grantee hereby requests a Class II Permissive Change for the two above identified devices.

Following changes apply to the modified device:

(A) Sensor PCB: Alternate package of Sensor MCU used and mounted on bottom side instead of top side. Shifted analog switch for load resistance and the 48 MHz crystal for sensor MCU from bottom to top side. PCB layout adopted accordingly.

(B) Converter PCB: Different type and package of Main MCU and Support MCU used, blocking capacitors partly shifted from top to bottom side.

New components of the Amplifying circuit for the communication signals between sensor and converter PCB and NVRAM added.


Miscellaneous components e.g. temperature sensor, blocking capacitors and some Zener diodes shifted from top to bottom side.

PCB layout adopted accordingly for the performed hardware changes.

"OPTIWAVE x500 series - Modification Report.pdf" describes all performed changes in detail (schematics extracts, internal photos and analysis of change affects).

There are no changes made to the transmitter circuitry and the above listed changes result in the same RF characteristics as in the original filing - therefore the not repeated test results continue to be representative of and applicable also to this modified device.

Sincerely,



Vincent Pichot, R&D Manager

KROHNE S.A.S.

Société par Actions Simplifiée

au capital de 4 000 014 Euros

2, allée des Ors - BP 98

26103 ROMANS/ISERE Cedex - FRANCE

Tél +33 (0)475 054 400 - Fax +33 (0)475 050 048

RC Romans 63 B 13 SIRET 436 380 133 00021

INSEE 291 26 281 0 001

Habilitation N° 12