

FCC Class II Permissive Change Application Letter

Eurofins MET Labs
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Applicant's complete, legal business name:
Raven Connected Inc.

Applicant's mailing address:

441 MacLaren St
Suite 408
Ottawa, Ontario
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Equipment Product Code: RVP0A0

FCCID Number and Date of Original Grant: 2AN9Y-RVN0A0, 2018-01-22

Person at the Applicant's address to receive Grant (name, title, e-mail):

Dan Crawford
Director of R&D
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Change Contents: [detail reasons for permissive change here]

The major reason for the permissive change is to incorporate a new larger LCD display to replace two smaller displays in the original design. This change required modifications to the plastics housing designs and (LTE/WIFI/GPS) antenna location / modification to accommodate the larger display which also affected also other subcomponents locations.

The overall design remains very similar, over 98% of the electronics and routing are the same as the original design. Modifications of the PCB were required to accommodate the new LCD connector, along with new fan controller and connector. RF circuit design and routing remains the same as the original design. The LTE, WIFI and GPS antennas were split up and relocated accommodate the new plastics housing design. The WIFI antenna change from FPC FR4 to rigid FR4 material.

For DTS 2412-2462MHz system, low and mid channel power setting of B mode was modified to lower the output power. Measured output power and power spectral density are lower than power documented in original filing.

Sincerely,

Dan Crawford