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Date: 2020.03.11

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046
ATTN: OET Department

Reference: FCC Class II Permissive change for FCC ID 2APIM-FTR20SKYD.
Original Grant Date: 2018.06.19
Device: R20 radar.
Applicant: Fortem Technologies, Inc.

Dear Examiner,

Major Changes with this Class II Permissive Change (C2PC) (R20 rev C to rev D):
R20 rev is changing from rev C to rev D. These changes include the following below.

The back-end digital portion of the R20 design has been heavily changed.

There have also been some other very minor changes made to the front-end RF sections of the design. These changes only have to do with improvements in manufacturability of the related PCB's, or improvements to the digital systems on these boards. They do not affect the RF performance or attributes of the R20 design at all. FCC Part 87 does not need to be re-tested.

Please read the R20 Design Changes document for more detailed information on the actual hardware changes made to the design.

It is also requested to change the operating frequency range of the R20 in the FCC Part 90 section, from 16.2-16.5 GHz to 16.2-16.7 GHz. This frequency change is made with software modifications only, not hardware changes. All product re-testing for FCC Part 90 has been performed for this change.

If you have any questions regarding this application, please feel free to contact me.

Sincerely yours,

Name: Jeffery L Davis

Title: Electrical Engineer / Compliance Officer

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