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To whom it may concern,

Subject – Attestation of software used in the Part 15E UNII-3 submission for FCC ID: QWP-50450I.

Cambium Networks confirm that: -

During certification test the PMP 450I / PTP 450I uses internal development software which is identified as Bxxx-PXP455-PRODTEST, where xxx is a unique reference number, this development software is the building block for the final released software as any new developments such as support for additional frequency bands or changes which are seen to be beneficial are carried forward into the next software version. On completion of certification test and internal System Integration Test the collated internal development software is released to customers with a customer facing traceable identification reference "Canopy W.X.Y.Z", where

W, Major version number
X, Minor version number
Y, Point release
Z, Dot release, (bug fix to a point release)

CANOPY 15.0 is the first release and a major software version, CANOPY 15.1 would be a minor modification to the major software release, Canopy 15.1.1 would be a Point Release to the minor release and Canopy 15.1.1.1 would be a Dot bug fix to the point release.

Note: the decision to increment the "major" version is determined by marketing considerations, and does not indicate the need for a permissive Class change.

Software Version used for Part 15.247 test: -

- B135-PXP455-PRODTEST-2015FEB27

Software Version which was updated to include support for the Part 90Y test: -

- B144-PXP455-PRODTEST-2015MAR13

Software Version which was updated to include support for the UNII-1 band test: -

- B176-PXP455-PRODTEST-2015MAR15

Software Versions used for Part 15E UNII-2A and UNII-2C band test: -

- B176-PXP455-PRODTEST-2015MAR15
- Canopy 14.0, DFS testing
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Software Versions used for Part 15E UNII-3 band test: -

- B206-PXP455-PRODTEST-2016AUG12

Cambium Networks state that software version B206 is a progression from version B176 and does not affect the performance of the product as previously tested. The customer release software to support Part 15E UNII-3 will be CANOPY 15.1.3. There are no changes in the Minor software release CANOPY 15.1.3 that may affect any of the certification test cases.

Pmp-0955 PMP-PTP 450i Software Defined Radio security description guide has been updated to reflect the proposed customer facing traceable identification reference.

As per the requirements of KDB 442812 §IV, pmp-1006 PMP-PTP 450i U-NII Security Guide (Response to KDB 594280 D02) which was supplied with the UNII-1 band C3PC to support the addition of the Part 15E UNII bands has been updated to reflect KDB 594280 D02 U-NII Device Security v01r03.

Yours sincerely

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