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24<sup>th</sup> September 2015

Telecommunication Certification Body  
UL VS Ltd  
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Chineham Court  
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Hampshire  
RG24 8AG  
United Kingdom

To whom it may concern,

Subject – Attestation of software used in Part 15E UNII-1 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 X.Y", where X is the Major version number and Y is the Minor version number, e.g. "Canopy 14.0" would be the first release of a major software version and "Canopy 14.1" would be a minor modification to the major software 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 4.9GHz frequency band used for Part 90Y test: -

- B144-PXP455-PRODTEST-2015MAR13

Software Version which was updated to include support for the UNII-1 frequency band used for Part 15E test: -

- B176-PXP455-PRODTEST-2015MAR13



We further state that software version B176 is a progression from version B135 and B144 and does not affect the performance of the product as previously tested. The original Distribution and Security Documentation to support this submission is unchanged. As per the requirements of KDB 447812 §IV an additional U-NII Security Guide (Response to KDB 594280 D02) document has been supplied to support the addition of the Part 15E UNII-1 band.

Yours sincerely

A handwritten signature in black ink that reads "Donald W Reid".

Donald W Reid  
CEng MIET, MInstLM  
Principal Regulatory Engineer