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23rd November 2015

Telecommunication Certification Body UL VS Ltd Offices 18-26 Grove House Lutyens Close Chineham Court Basingstoke Hampshire RG24 8AG United Kingdom

Subject: FCC Class III Permissive change for FCC ID: QWP-504501

Applicant: Cambium Networks Ltd

Dear Examiner,

This is to request a Class III permissive change for FCC ID: QWP-50450I.

The change filed under this application is:

The addition of Part 15E UNII-2A (5.25 – 5.35 GHz) and UNII-2C (5.47 – 5.725 GHz) to the product SDR grant

Cambium Networks confirm that the same hardware revision of RF unit has been used in both the original submission and in this permissive change request.

Software versions approved in the Original QWP-50450I Grant and this Class III Permissive change are listed below.

Software Version used for Part 15.247 test: -

B135-PXP455-PRODTEST-2015FEB27

Software Version used for Part 90Y test: -

• B144-PXP455-PRODTEST-2015MAR13

Software Version used for Part 15E UNII-1 band test: -

• B176-PXP455-PRODTEST-2015MAR13

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

- B176-PXP455-PRODTEST-2015MAR15
- Canopy 14.0, DFS testing



We further state that there has been no change to the original Software and Distribution Documentation to support this submission. The customer release software to support Part 15E UNII-2A and UNII-2C will be CANOPY 14.2. There are no changes in the Point software release CANOPY 14.2 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.

Sincerely yours,

Donald W Reid

Donald W Reid CEng MIET Principal Regulatory Engineer Cambium Networks Ltd