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5<sup>th</sup> April 2016

Telecommunication Certification Body  
UL VS Ltd  
Pavilion A  
Ashwood Park  
Basingstoke  
Hampshire  
RG23 8BG  
United Kingdom

Subject: Attestation of Compliance to FCC Rules

Application for FCC ID: QWP-50650

Applicant: Cambium Networks Ltd

Dear Examiner,

The products that are the subject of this application will be available in two versions, Integrated with Optional Antennas or Connectorized for use with Dedicated External Antennas, with Model numbers as shown below

ODU Model Number	Product Description
C050065B001A	PTP 50650, 23dBi integrated antenna model with Out of Band management
C050065B002A	PTP 50650, connectorised antenna port model with Out of Band management
C050065B015A	PTP650S, 19dBi integrated antenna model with Out of Band management
C050065B029A	PTP 650L, identical to PTP 650S but with limited BW enabled

#### **Attestations:**

Cambium Networks Ltd confirms that: -

In accordance with OET KDB 442812 Cambium Networks confirm that:

- This is a submission for a Class III Permissive Change
- We elect to submit this product as a Software Defined Radio.
- Software Security description has not changed from the original submission (phn-3845 PTP50650 SDR Security)

#### **Software Defined Radio (SDR)**

The PTP 50650 is capable of operation over the 4.9GHz to 6.050GHz frequency band, the product is software configurable for complaint operation in the FCC Part15C 5.725 GHz to 5.850 GHz band, Part 15E UNII-1 (5.15 GHz to 5.25 GHz), UNII-2A (5.25 GHz to 5.35 GHz), UNII-2C (5.47 GHz to 5.725 GHz) Bands and Part 90Y (4.94GHz to 4.99GHz) (PLMR band).

**Software**

A record of the software which has been used to verify compliance with the applicable requirements has been kept and the version used for each part is recorded in the UL VS Ltd test reports.

**Band Edge Compliance**

The products identified above are specifically configured to comply with the FCC rules and cannot be configured by users or installers to operate outside these rules. The PTP 50650 software provides selectable RF channels which have been determined to maintain regulatory compliance at band edge frequencies, the maximum transmit power permitted on these band edge channels are locked to be no greater than the transmit power which permits complaint operation, additional test was carried out to verify frequencies where increased transmit power would be compliant with the regulations.

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

Sincerely yours,



Donald W Reid  
CEng MIET, MInstLM  
Principal Regulatory Engineer  
Cambium Networks Ltd