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10<sup>th</sup> July 2013

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 with Model numbers as shown below

ODU Model Number	Product Description
C050065B001A	PTP 50650, integrated antenna model with Out of Band management
C050065B002A	PTP 500650, connectorised antenna port model with Out of Band management

#### **Attestations:**

Cambium Networks Ltd confirms that: -

In accordance with OET KdB 442812 Cambium Networks confirm that:

- This is a submission for an Initial Grant
- We Elect to submit this product as a Software Defined Radio.
- Manuals and operational description have been supplied (phn-3341 User Guide, phn-3510 Installation Guide, phn-3460 Operation of the PTP50650)
- Software Security description has been supplied (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 Part15.247 5.725 GHz to 5.850 GHz (5.8 GHz ISM band), Part 15.407 5.25 G Hz to 5.35 GHz, 5.47 GHz to 5.725 GHz (UNII Band) and Part 90Y 4.94GHz to 4.99GHz (PLMR band).

While product certification test is being supported as a single test program the first submission is for the Part 15.247 Grant with Class III permissive change requests to add the other parts to follow shortly thereafter.

**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.

**Hardware**

Prior to the certification test program both internal and external pre-compliance test on early engineering samples was used to identify and resolve product issues which may have impacted the certification test program there has therefore been no substantive changes to the product for which an FCC Grant is being sought.

**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 take into account band edge frequencies, to maintain regulatory compliance the frequencies of the band edge channels and maximum transmit power on these channels are locked, additional test was carried out to verify the frequencies where full product 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  
Senior Regulatory Engineer  
Cambium Networks Ltd