

To: Cameron Kilton  
E-Mail: cam@team.nxlink.com  
From: Nimesh Sangani  
Date: November 29, 2021

Subject: Additional Information Request

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Message:

Please address the following questions and concerns:

1) Please provide the size (meter), antenna gain (dBi) of the Cambium Networks ePMP 6000 antenna fixed tower and the Cambium Networks ePMP 600 remote antennas.

2) Please note: Operation must not exceed 6 dBi (Gain) antenna, the conducted power/ output power, and maximum EIRP limits of the Unlicensed Use of the 6 GHz Band, 35 FCC Rcd 3852, 3853 (2020), including footnote 34.

3) Please confirm that the test is conduct at outdoor.

4) Please confirm the UNII-5 antenna (Cambium Networks ePMP 6000) at fixed tower will be used as outdoor standard power access points (AFC Controlled) and fixed client device:  
Please note : For operation in the 5925-6425 MHz (U-NII-5) frequency band, the maximum output power from the outdoor standard power access points (AFC Controlled) and fixed client device must not exceed 1 watt (30 dBm) into a 6 dBi (Gain) antenna for a total of 36 dBm EIRP (36 dBm EIRP = 4 watt EIRP = 6 dBW EIRP = 2.43W ERP). In addition, the maximum power spectral density shall not exceed 23 dBm (200mW) in any 1-megahertz band:

Antenna Gain	output power/	authorized power	Maximum EIRP
6 dBi	30 dBm/1watt/0dBW	2.43 W ERP	2.43W ERP/ 4 watts/ 36 dBm/6dBW

5) Please amend the proposed power from 4W (ERP) to Maximum EIRP: 2.43W ERP/ 4 watts

6) Please confirm the UNII-7 remote antenna (Cambium Networks ePMP 600 ) will be used as client device (Client Connected to outdoor standard power access point):

Please note : ( ) For client device (Client Connected to outdoor standard power access point), operating in the 6.525-6.875 GHz (U-NII-7) frequency band, the maximum power spectral density must not exceed 17 dBm (0.05 W) EIRP in any 1-megahertz band. In addition, the maximum EIRP over the frequency band of operation must not exceed 30 dBm (30 dBm EIRP = 0.61 W ERP =1 watt = 0dBW ):

Frequency band	Max. authorized power	Maximum EIRP
6.525-6.875 GHz	0.61 W ERP	0.61 W ERP/1 watt/ 30 dBm/ 0dBW

7) If UNII-7 remote antenna (Cambium Networks ePMP 600 ) will be used as client device (Client Connected to outdoor standard power access point), please amend the proposed power from 4W (ERP) to Maximum EIRP: 0.61 W ERP/1 watt.

The items indicated above must be submitted before processing can continue on the above referenced

application. Failure to provide the requested information within 30 days of November 29, 2021 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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