

To: Cameron Kilton
E-Mail: cam@team.nxlink.com
From: Nimesh Sangani
Date: February 08, 2022

Subject: Additional Information Request

Message:

Please address the following questions and concerns:

(A) Station Locations

Hudson Oaks, PARKER, TX- NL 32-45-03; WL 97-41-17

Weatherford, PARKER, TX- NL 32-47-02; WL 97-43-13

(1) In FCC STA, for the 2 units of Cambium Networks ePMP 6000 sector antennas mounted on fixed towers work as a Standard Power Access Point under AFC control operating in the UNII-5 (5925-6425 MHz) frequency band with antenna gain of 18 dBi. The Maximum output power of ePMP 6000 sector antenna must not exceed 0.06W/18 dBm /-12 dBW. Please amend the conducted power/output power/input power from 1w to 0.06W:

Antenna Gain	output power	authorized power	Maximum EIRP
18dBi	0.06W/18dBm/-12dBW	2.43 W ERP	2.43W ERP/4 watts/36 dBm/6dBW

(2) In FCC STA, for the 20 units of Cambium Networks ePMP Force 600C dish antennas mounted on fixed structure work as Fixed Client under AFC control operating in the UNII-7 (6525-6875 MHz) frequency band with antenna gain of 25 dBi. The Maximum output power of ePMP Force 600C dish antenna must not exceed 0.0126W/11 dbm /-19 dBW. Please amend the conducted power/output power/input power from 1w to 0.0126W:

Antenna Gain	output power	authorized power	Maximum EIRP
25dBi	0.0126W/11dbm/-19dBW	2.43 W ERP	2.43W ERP/4 watts/36 dBm/6dBW

(B) Station Locations

MOBILE: , within 10 km , centered around NL 32-45-03; WL 97-41-17

MOBILE: , within 10 km , centered around NL 31-47-02; WL 97-43-13

(3) In FCC STA, for the Cambium Networks ePMP Force 600C dish antennas work as a Client devices (Client Connected to outdoor standard power access point) operating in the 6525-6875 MHz (U-NII-7) frequency band, please amend the conducted power/output power/input power from 2 w to 0.003W:

Antenna Gain	output power	authorized power	Maximum EIRP
25 dBi	0.003W/5dBm/-25dBW	0.61 W ERP	0.61 W ERP/1watt/30 dBm/0dBW

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 February 08, 2022 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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Responses to this correspondence must contain the Reference number : 67394