

To: Robet Brentnall
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From: Hung Le
Date: December 08, 2021

Subject: Request for Info - File # 0896-EX-CN-2021

Message:

() Please provide the antenna gain (dBi) for the proposed 100 units of Mimosa A5X, 100 units of Mimosa C5x, 100 units of Mimosa C6x and 100 units of Mimosa A6x antennas. Are these antennas mounted on the 5 fixed towers at rural sites in South Santa Clara County?

() Please provide the antenna gain (dBi), the name of manufacture, the model no. for the proposed 200 remote units at customer locations.

() In FCC form 442, Please provide the coordinates (locations) and Station Class: MO for the 200 remote units.

() 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.

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

() Please confirm the UNII-5 antenna mounted 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

() Please confirm the UNII-5 remote antenna 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 5925-6425 MHz (U-NII-5) 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
5925-6425 MHz	0.61 W ERP	0.61 W ERP/1 watt/ 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 December 08, 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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