

From: Nick Denniston

To: Hung Le

Date: January 28, 2020

Subject: Request for Info - File # 0027-EX-CN-2020

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Message:

I received the rejection and have some questions.

1. Is there a table of allowable EIRP based on frequency bands? I could not find one after several Google searches. Our radio can be configured for a center frequency between 2200MHz and 2500MHz, so we can operate at any center frequency in that range that would allow higher EIRP.

2. Are STAs more lenient than experimental licenses? I based my experimental license application on some STAs using similar equipment.

- One approved STAs with similar equipment listed only the transmit power (8W) instead of the EIRP.

- The STAs also seem to be for a single frequency, where I believe I had to select a frequency band instead (i.e., 2400-2500MHz instead of 2430MHz).

- I've seen an approved STA at 2400MHz for an EIRP of 631W, which is over the 305W in the rejection email

3. Are there any resources I can speak to that can guide me through the application? I've studied the FCC frequency allocation table, but it doesn't list any limits in the various bands.