

To: Kalpak Gude  
E-Mail: gudekal@amazon.com  
From: Hung Le  
Date: January 24, 2024

Subject: Request for Info - File # 0048-EX-ST-2024

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Message:

Please provide the following:

1. The request 27.5-27.505 GHz frequency band is secondary to the Upper Microwave Flexible Use Service licensee(s), and the applicant need to demonstrate compliance with the required criteria as listed in the Commission's rule 47 CFR § 25.136. Please provide the required demonstration.
2. The 27.5-27.505 GHz band is co-shared with Fixed Microwave Service licensee(s), please provide a "temporary" frequency coordination agreement/report reached between applicant and Fixed Microwave Service licensee(s) when operating at the geographical coordinates 31°1'20.7"N, 99°13'8.1" W in Voca, TX, and the report may include the Upper Microwave Flexible Service licensee(s).
3. Commission's rule 47 CFR § 25.1146 and Table 22-2, Article 22.5D of the ITU Radio Regulations defines the equivalent power flux-density (EPFD) limit of -162 (dBW/m<sup>2</sup> /40 kHz), and the applicant stated the experimental operation will be conducted in the restricting transmission power density in addition to pointing the earth station antenna. Please provide an analytical assessment of the EPFD uplink level (dBW/m<sup>2</sup> /40 kHz) in the worst-case geometry.

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 January 24, 2024 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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