

From: Michelle McClure

To: Doug Young

Date: September 04, 2020

Subject: Request for Info - File # 0253-EX-CN-2020

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Message:

Spire provides the following in response to your Request for Info.

The Spacecap file used for the experimental application would only include the ISL frequencies. Spire already has the X-band (8025 - 8400 MHz) in its initial LEMUR-2-3 API filing. The Spacecap file submitted for this application is not a new filing and will only extend Spire's LEMUR-2-3 satellite network with inter-satellite links. The new information in the Spacecap file only relates to the ISL bands.

The NTIA coordination form only lists Spire's desired 60 MHz channel (8170 - 8230 MHz) in the X-band (8025 - 8325 MHz) frequency range. Also, Spire only listed the 8025 - 8325 MHz band with the aim to ease the Federal agencies for coordination purposes. Spire operating only in this 60MHz channel ensures we meet the out-of-band emissions target into the adjacent deep space band (8400 - 8450 MHz) of the Federal agencies.