

To: Michael Miller  
E-Mail: mlmiller@sterksolutions.com  
From: Leann Nguyen  
Date: July 17, 2019

Subject: Request for Info - File # 0348-EX-CN-2019

---

Message:

- Please provide a NOAA coordination.

- Another thing, you are requesting to use the Space Research service for the VHF uplink and UHF, S band downlink bands. The proposed frequencies are not allocated for the Space Research service. Please provide an EMC analysis for the UHF, VHF and S band frequencies.

The UHF Ground station antenna pattern shows: Max Gain = 16.1 dBi Including Cable and Beam Width = 30 degrees, however the API(SPACECAP ) shows Max Gain = 12.8 dBi Beam Width = 40 degrees. Please review and update this information or provide a rationale as to why these levels are different.

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 July 17, 2019 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at <https://apps.fcc.gov/oetcf/els/index.cfm> by clicking on the "Reply to Correspondence" hyperlink.

Responses to this correspondence must contain the Reference number : 49538