

From: Brian Haman

To: Doug Young
Date: March 26, 2020

Subject: Request for Info - File # 0554-EX-ST-2020

Message:

FCC Question: 1. Submit a realistic start date that is at least 15 days from the date you respond to this inquiry. 2. Describe the orbit of the satellite being transmitted to. Will the ground station be limited to certain pointing directions?

Harris Response:

1. Revised Requested start date: 13 April 2020

2. Satellites that will be transmitted to are in Low Earth Orbit (LEO). The ground station orientation is due south (i.e. 180 degrees azimuth). The ground antenna can electronically scan from azimuth 180 degrees to +/- 55 degrees in azimuth and from elevation angles of 0 degrees (i.e. at the horizon to) to 90 degrees (i.e. zenith).