

Applicant: SpaceX Services, Inc.
Call Sign(s): E202202
File No.: SES-STA-20201222-01441
Special Temporary Authority (“STA”)

SpaceX Services, Inc. ("SpaceX Services") is granted special temporary authority, beginning March 5, 2021 for 60 days, to operate its fixed earth station located in Marcell MN to communicate with the SpaceX(S2983/3018) NGSO constellation in the 28.6-29.1 and 29.5-30 GHz (Earth-to-space) and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands under the following conditions:

1. Operations shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
2. In the event of any harmful interference under this grant of STA, SpaceX Services must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
3. Operations must comport with the conditions established in the authorization of the SpaceX satellite network under FCC Order 18-38 released March 29, 2018.
4. The use of space-to-Earth operations in the 17800-18600 MHz, 18800-19300 MHz frequency bands must be in accordance with any signed coordination agreement between SpaceX and U.S. Federal operators in accordance with footnote US334 to the United States Table of Frequency Allocations, 47 CFR §2.106, prior to being used.
5. Currently the 24x7 contact information for the Starlink satellite system with SpaceX Services is 1-251-257-0464 or the internet link “satellite-operators-pager@spacex.com”, which links to the pagers of appropriate technical personnel 24/7.
6. The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alert signs and protective equipment for workers.
7. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future SpaceX Services - applications.
8. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at SpaceX Services’s risk.

This action is issued pursuant to Section 0.26 1 of the Commission’s rules on delegated authority, 47 C.F.R. §0.26 1, and is effective immediately.