

Applicant: Capella Space Corp.
Call Sign: No Call Sign
File No.: SES-STA-20210316-00513
Special Temporary Authority (STA)

Capella Space Corp. is granted special temporary authority, beginning July 15, 2021 through August 7, 2021, to operate its 0.17 m fixed earth station antenna from San Francisco, CA on center frequency 9600 MHz (Earth-to-space) to conduct calibration testing with Capella's EESS NGSO satellites Capella 5 and 6 (Call Sign S3080) orbiting at an altitude of 525 km (± 25 km), at an inclination of 97.5 degrees (± 3 degrees) (Capella 5), and an altitude of 575 km (± 25 km) altitude, at an inclination of 53 degrees (± 2 degrees) (Capella 6), under the following conditions:

1. Operations under testing shall not exceed powers proposed.
2. Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating stations. Capella Space Corp. should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down.
3. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Capella Space Corp. applications.
4. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Capella Space Corp.'s risk.
5. Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector.
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. Any action taken or expense incurred as a result of operations pursuant to this authority is solely at Capella Space Corp.'s risk.

This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 CFR § 0.261, and is effective immediately.