

Applicant: American Samoa Telecommunications Authority
File Number: SES-STA-20210719-01076
Call Sign: No Call Sign
Special Temporary Authority (“STA”)

American Samoa Telecommunications Authority (“ASTCA”) is granted a 30-day STA, commencing November 19, 2021, for its existing VSAT network system to communicate with the Japanese administration geosynchronous orbit (“GSO”) Kacific satellite at the 150°E orbital location in the frequency bands 29600-29700 MHz (Earth-to-space) and 19800-19950 MHz (space-to-Earth) located at geographic coordinates 14° 13’ 24.88”S/169° 30’ 40.69”W in Ta’u, Manu’a Islands, AS due to complete service outage caused by broken marine fiber. Operations shall be conducted under the following conditions:

- 1) Input power at antenna flange of 3 W, eirp of 49.4 dBW using antenna model NEWTEC ANT 2035 with emission designator 257KG7W.
- 2) Operations shall comply pursuant to 47 C.F.R. § 25.218(i).
- 3) Temporary operations shall be on center frequencies within frequency bands 29600-29700 MHz (Earth-to-space) and 19800-19950 MHz (space-to-Earth) that are authorized by the authorization of the requested space station.
- 4) 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.
- 5) In the event of any harmful interference under this grant of STA, ASTCA must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
- 6) 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.
- 7) The licensee shall take all necessary measures to ensure that antenna in operation 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. Compliance can be accomplished in most cases by appropriate restrictions such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling or by field measurements. 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.

- 8) Grant of this authorization is without prejudice to any determination that the Commission may make regarding any of ASTCA's pending application or future applications.
- 9) Any action taken or expense incurred as a result of operations pursuant to this STA is solely at ASTCA's risk.

This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective upon release.