

Applicant: Universal Space Network, Inc.
Call Sign: None
File No.: SES-STA-20210809-01354
Special Temporary Authority ("STA")

Universal Space Network Inc. is granted special temporary authority to operate, for 30 days, commencing December 2, 2021, its 13-meter antenna fixed earth station in Naalehu, HI to provide launch and early orbit phase (LEOP) support for Galileo Flight #11 using spacecrafts GSAT223 and GSAT224 on center frequencies 2051.703 MHz, 2057.355 MHz (Earth-to-space) and 2228.094 MHz, 2234.232 MHz (space-to-Earth). STA operations are under the following conditions:

1. All operations shall be on an unprotected basis and must not exceed parameters 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. Universal Space Network, Inc. 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. Universal Space Network, Inc.'s station operator at phone number, 215-328-9130, should be available, during any operations under this STA.
4. 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. 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 alerting signs and protective equipment for workers.

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.