

Applicant: SES Americom, Inc.
Call Sign: None
File No: SES-STA-20201006-01092
Special Temporary Authority

SES Americom, Inc. ("SES Americom") is granted Special Temporary Authority to operate a 1.2 meter antenna fixed earth station for a period of 30 days beginning October 23, 2020 at location in Guaynabo, Puerto Rico to provide internet connectivity services for public and corporate users in Puerto Rico. Operations on frequency bands 14000-14500 MHz (Earth-to-space) and 11700-12200 MHz (space-to-Earth) with SES-14 (Call Sign S2974) at orbital location 47.5° W under the following conditions:

1. Operations of 3 Watts input power at antenna flange of antenna Global Skyware 62-1225401/02, transmit antenna gain 43.3 dBi, with emission designators: 200KG1W, 1M60G1W, 10M0G7W, 36M0G7W; total maximum output eirp of 48 dBW, and corresponding maximum eirp per carrier and eirp density per carrier.
2. Earth station antenna must not transmit at elevation angle less than three degrees, measured from the horizontal plane to the direction of maximum radiation; however, it may be necessary to specify greater minimum elevation angles to prevent interference. 47 C.F.R. § 25.205(a).
3. SES Americom 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.
4. In the event that there is a report of interference, SES Americom must immediately terminate transmissions and notify the FCC in writing.
5. 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.
6. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at SES Americom.

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 immediately.