

Applicant: SES Americom, Inc.
Call Sign: E190489
File No.: SES-STA-20020420-00429
Special Temporary Authority ("STA")

SES Americom, Inc. is granted special temporary authority for 60 days, beginning June 11, 2020 to operate its fixed earth station at 21°40'16.4"N, 158° 01' 52.8"W in Koolulua, HI, to conduct antenna verification testing with the Gibraltar licensed NSS-11 satellite at orbital location 176°E and the Netherlands licensed NSS-6 satellite at orbital location 169.5W in the 14000-14500 MHz (H,V) (Earth-to-space) and 10950-11200 MHz (H,V), 11450-11700 MHz, 12250-12750 MHz (H,V) (space-to-Earth) frequency bands under the following conditions:

1. Testing operations from antenna ID SSB-K5 shall communicate with NSS-11 (Call Sign S3037) satellite with 14000-14500 MHz (H,V) (Earth-to-space) and 12250-12750 MHz (H,V) (space-to-Earth) frequency bands in compliance with the grant by FCC IBFS file number SAT-PPL-20180815-00062.
2. Testing operations from antenna ID SSB-K6 shall communicate with NSS-6 (Call Sign S3048) satellite with 14000-14500 MHz (Earth-to-space) and 10950-11200 MHz (H,V), 11450-11700 MHz (H,V), 12500-12750 MHz (H,V) (space-to-Earth) frequency bands in compliance with the grant by FCC IBFS File Number SAT-PDR-20190403-00022.
3. Testing operations shall not exceed parameters as specified in the STA request.
4. All operations shall be on an unprotected and non-harmful interference basis, E190489, 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 and must inform the Commission, in writing, immediately of such an event.
5. SES Americom shall, at all times, take all necessary measures to ensure that STA operation of this earth station 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. Physical 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. Grant of this STA is without prejudice to any determination that the Commission may make regarding SES Americom's pending application IBFS file number SES-LIC-20190611-00756/SES-AFS-20200103-00002 or future applications.

7. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at SES Americom, Inc's risk.
8. Operations of this station during the period from expiration of April 19, 2020, FCC IBFS file number SES-STA-20200203-00102, to the grant of this STA was authorized pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. § 1.62.

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