

Applicant: ISAT US, Inc.  
Call Sign: Not Applicable  
File No.: SES-STA-20210428-00744  
Special Temporary Authorization ("STA")

ISAT US, Inc. ("ISAT US") is granted extension of special temporary authority for 30 days, beginning August 2, 2021, to continue testing one ThinKom Ka2517 antenna with the Inmarsat 5F2 satellite at 55°W and Inmarsat 5F3 satellite at 179.6°W and the Lino Lakes Satellite Access Station (Call Sign E120072) in the 19.7-20.2 GHz (space-to-Earth) and 29.5-30.0 GHz (Earth-to-space) bands under the following conditions:

1. All operations under this grant of STA shall be on an unprotected, non-harmful interference basis. ISAT US shall not cause harmful interference to and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
2. Location of antenna testing is at 4881 West 145th Street, Hawthorne, CA. The input power and EIRP levels contained therein (18.1 watts total input power at the flange; 47.1 dBW maximum aggregate output EIRP for all carriers).
3. In the event of any harmful interference ISAT US shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.
4. The U.S. 24/7 point of Contact during the STA is Ananda Mishra, telephone +1 808 638-5820. Further, the Inmarsat Network Operations Control in London can be reached at any time at +44-207-728-1616 must be available 24/7.
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. The FCC's OET Bulletin 65 (available on-line at [www.fcc.gov/oet/rfsafety](http://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.
6. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending applications.
7. Any action taken, or expense incurred as a result of operations pursuant to this STA is solely at ISAT US's risk.
8. Operations of this authorization during the period from expiration of April 30, 2021, FCC IBFS file number SES-STA-20210326-00575, to the grant of this special temporary authority 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, and is effective immediately.