

Applicant: ISAT US Inc.  
Call Sign: E150097  
File No.: SES-STA-20200313-00242  
Special Temporary Authority (STA)

ISAT US Inc. ("ISAT US") is granted STA for 30 days starting March 31, 2020 to operate within 3 miles of lat/long 38° 56' 52.31" N/77° 20' 57.38" WL -Reston, VA to test various modulations up to 32 APSK using two units of its MilliSat-H terminal with INMARSAT 5F2 (E120072) at the permanent orbital location of 55.0° W.L. using frequency bands 29.5 - 30.0 GHz (Earth-to-space) and 19.7 - 20.2 GHz, (space-to-Earth). Operations are authorized under the following conditions:

1. Operations will not exceed the operational power levels and parameters in E150097.
2. 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.
3. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future ISAT US applications.
4. ISAT US 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](http://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.
5. The 24/7 point of contact for this ISAT US testing is as follows: Ph: (808) 638-5820 - Ananda Mishra-58-350 Kamehameha Hwy, Haleiwa, Honolulu County, HI 96712
6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at ISAT US's risk.

This grant is issued pursuant to Section 0.26 1 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.