

E150097 SES-STA-20151013-00678
ISAT US Inc.

IB2015001896

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
NY/FL STA

1. Applicant

Name:	ISAT US Inc.	Phone Number:	202-248-5158
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Attention:	Louis Rosa		



File # SES-STA-20151013-00678
Call Sign E150097 Grant Date 10-19-15
(or other identifier)
Term Dates
From: 10-20-18 To: 11-19-15
Approved: Paul E. Hayes

Applicant: ISAT US, Inc.
Call Sign: E150097
File No.: SES-STA-20151013-00678
Special Temporary Authority (STA)



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E150097
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Approved: Paul E. Haas

ISAT US, Inc. (ISAT US) is granted STA for 30 days to conduct testing of the Inmarsat Global Xpress Ka-band network components using the Inmarsat 5 F2 satellite ("I5 F2") located at 55° W.L.. Testing will be conducted using three fixed earth station antenna types: 0.65m Skyware Atom 65AA antenna, 0.75m Cobham 5075 antenna, and the 0.60m Cobham Sailor 60GX antenna located at the following locations:

1. Orlando, Florida Site: 28.57 North Latitude / 81.21 West Longitude
2. Fort Lauderdale, Florida Site: 26.19 North Latitude / 80.17 West Longitude
3. Fort Lauderdale, Florida Site: 26.12 North Latitude / 80.11 West Longitude
4. New York, New York Site: 40.76 North Latitude / 74.00 West Longitude
5. New York, New York Site: 40.78 North Latitude / 73.99 West Longitude

Testing will be conducted in the 29.5-30.0 GHz (Earth-to-space) and 19.7-20.2 GHz (space-to-Earth) frequency bands under the following conditions:

1. All operations by ISAT US shall be on an unprotected basis and shall not claim protection from interference caused to it by any other lawfully operating station.
2. In the event that any harmful interference is caused as a result of STA operation, ISAT US shall cease operations immediately upon notification of such an event, and shall inform the Commission immediately, in writing, of the event.
3. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at ISAT US's own risks.
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.
5. Operations under STA will be in compliance with Section 25.138 of the Commission's rules, 47 C.F.R. § 25.138, and will be operated through the Lino Lakes Satellite Access station authorized under E120072, SES-LIC-20120426-00397 and monitored by the Inmarsat Network Operations Center (NOC).

6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding ISAT US's pending FCC application IBFS File No. SES-LIC-20150625-00383.

7. 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.