



February 17, 2023

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
45 L Street NE
Washington, DC 20554

Re: Request for Eight Days of Special Temporary Authority to Operate Get SAT Lesa
Air 0.33m x 0.38m Ku-band Flat Panel Antenna

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests eight days of Special Temporary Authority ("STA"),¹ commencing March 9, 2023, to operate a 0.33m x 0.38m Get SAT Lesa Air flat panel Ku-band antenna in Hagerstown, Maryland and Washington, D.C. for testing and customer demonstrations. The testing and demonstrations will occur while the antenna is located on the ground and on a rooftop. Intelsat expects the testing and demonstrations to last approximately eight days.

During the proposed operations, the antenna will communicate with Galaxy 11, Galaxy 17, Galaxy 18, Intelsat 37e, and SKY-B1 in the 11.7-12.2 GHz and 14.2-14.45 GHz frequency bands.²

The 24x7 contact information for the proposed operations is: Tony Williams at (404) 381-2744.

In the extremely unlikely event that harmful interference should occur due to transmissions to or from its antenna, Intelsat will take all reasonable steps to eliminate the interference.

The proposed operations will enable Intelsat to test new equipment. Accordingly, grant of this STA is in the public interest.

Respectfully submitted,

/s/ Cynthia J. Grady
Cynthia J. Grady
Assistant General Counsel
Intelsat US LLC

cc: Franco Hinojosa

¹ Intelsat has filed its STA request, FCC Form 159, a \$210.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System.

² In support of this request, additional operational information is attached as Exhibit A and a Radiation Hazard Report as Exhibit B.

EXHIBIT A

Intelsat License LLC Request for Special Temporary Authority to Operate Ku-band Flat Panel Antenna

Antenna Description	GetSat Lesa Air
Antenna Size (m)	0.33m x 0.38m
Transmit Frequencies (MHz)	14200-14450
Receive Frequencies (MHz)	11700-12200
Emission Designator	4M00G7W, 2M00G7W
Polarization	Linear
Bandwidth	4 MHz, 9 MHz
Transmit Gain	34.15dB @ 14.25GHz
Maximum EIRP per Carrier (dBW)	46.5
Maximum EIRP Density per Carrier (dBW/4 kHz)	-14
Site Location 1: Latitude/Longitude (WGS84)	Hagerstown, MD 39° 35' 56" N, 77° 45' 32" W
Site Location 1: Latitude/Longitude (WGS84)	Washington, D.C. 38° 54' 15" N, 77° 01' 28" W
Satellite Points of Communication, (Call Sign), and Location	Galaxy 11 (S2253) at 93.1° W.L.
	Galaxy 17 (S2715) at 91.0° W.L.
	Galaxy 18 (S2733) at 123.0° W.L.
	Intelsat 37e (S2972) at 18.0° W.L.
	SKY-B1 (S2922) at 43.15° W.L.