January 12, 2023

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

Re: Request for 30 Days of Special Temporary Authority to Operate Get SAT Lesa Air 0.43m x 0.39m Ku-band Flat Panel Antenna

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 30 days of Special Temporary Authority ("STA"),[1] commencing January 20, 2023, to operate a 0.43m x 0.39m Get SAT Lesa Air flat panel Ku-band antenna in Mt. Prospect, Illinois for testing and customer demonstrations. The testing and demonstrations will occur while the antenna is stationary. Intelsat expects the testing and demonstrations to last approximately one month.

During the proposed operations, the antenna will communicate with the satellites listed in Exhibit A in the 11.7-12.2 GHz and 14.2-14.5 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 Exhibits A. Intelsat will supplement this request with a Radiation Hazard Report.

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)	0.43 x 0.39
Transmit Frequencies (MHz)	14200-14500
Receive Frequencies (MHz)	11700-12200
Emission Designator	2M10G7D, 4M80G7D, 7M40G7D
Polarization	Linear
Bandwidth	1024 kHz, 4096 kHz, and 6144 kHz
Transmit Gain	34.15dB @ 14.25GHz
Maximum EIRP per Carrier (dBW)	46.5
Maximum EIRP Density per Carrier (dBW/4 kHz)	15
Site Location 1: Latitude/Longitude (NAD83)	Mt. Prospect, IL
	42° 4' 42.8" N, 87° 54' 56.4" W
Satellite Points of Communication	SES 15 (S2951) at 129.15° W.L.
	SKY-B1 (S2922) at 43.15° W.L.
	Galaxy 17 (S2715) at 91.0° W.L.
	Galaxy 19 (S2647) at 97.0° W.L.
	Horizons 1 (2423) at 127.0° W.L.
	Intelsat 14 (S2785) at 45.0° W.L.
	Intelsat 21 (S2863) at 58.0° W.L.
	Intelsat 23 (S2831) at 53.0° W.L.
	Intelsat 34 (S2915) at 55.5° W.L.
	Intelsat 902 (S2406) at 50.1° W.L.