



February 27, 2023

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

Re: Request for Special Temporary Authority
Ellenwood, Georgia Earth Station, Call Sign E220134

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 30 days of Special Temporary Authority ("STA"),¹ commencing March 3, 2023, to operate its Ellenwood, Georgia Ku-band antenna, Call Sign E220134, for antenna verification testing.² Intelsat is seeking authority to perform antenna verification testing prior to providing customer services. Intelsat will separately seek authority for STA to provide customer services prior to receiving the license grant.

The proposed testing will be performed in the 14200-14450 MHz (uplink) and 10950-12200 MHz (downlink) frequency bands with the Galaxy 18 and Galaxy 33 satellites. Operations will be consistent with Intelsat's relevant coordination agreements.

The 24x7 contact information for the proposed testing is: Casey Givens at (404) 381-2327.

Operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA request will allow Intelsat to ensure the antenna's performance prior to providing customer services and thereby promotes the public interest. For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this STA request.

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

² Intelsat incorporates by reference the technical information provided in the permanent license application, see Intelsat License LLC, Application for new 9m Ku-band antenna in Ellenwood, Georgia, File No. SES-LIC-20220907-00942 (filed Sept. 7, 2022).

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Please direct any questions regarding this STA request to the undersigned at (703) 559-7799.

Respectfully submitted,

/s/ W. Ray Rutngamlug

W. Ray Rutngamlug
Associate General Counsel
Intelsat US LLC

cc: Franco Hinojosa

EXHIBIT A

Intelsat License LLC Request for Special Temporary Authority

Antenna Call Sign	E220134
Antenna Size (m)	9.0
Transmit Frequency (MHz)	14200-14450
Receive Frequency (MHz)	10950-12200
Emission Designator(s)	1M00G7W
Polarization	Linear
Bandwidth	0.95 MHz
Transmit Gain	60.1 dB at 14125 MHz
Maximum EIRP per Carrier (dBW)	70
Maximum EIRP Density per Carrier (dBW/4 kHz)	46
Site Location	Ellenwood, GA
Latitude/Longitude (NAD83)	33° 39' 51.16" N, 84° 16' 20.14" W
Satellite Point(s) of Communication, Call Sign, and Location	Galaxy 18 (S2733) at 123° W.L.
	Galaxy 33 (S3015) at 133.0° W.L.