



July 24, 2020

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, D.C. 20554

**Re: Request for Special Temporary Authority to Operate a New 23 cm Ku-band Antenna**

Dear Ms. Dortch:

Intelsat License LLC, as debtor in possession ("Intelsat"), herein requests Special Temporary Authority ("STA") for 30 days, commencing August 10, 2020, to temporarily operate a new 23 cm Ku-band antenna with Galaxy 11 (Call Sign S2253) and Intelsat 37e (Call Sign S2972) in order to test the antenna. The proposed test will be conducted while the antenna is on a terrestrial vehicle in motion on private property in Melbourne, Florida. The test is expected to last for 30 days.

The test will be performed in the following frequency bands: 14000-14500 MHz in the uplink; and 10900-12180 MHz in the downlink. The 23 cm antenna has a transmit gain of 30.4 dB at 14125 MHz and a receive gain of 28.9 dB at 11850 MHz. The total EIRP for all carriers will be 42 dBW.

The 24x7 contact information for the requested operations is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)  
(310) 525-5591 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

In further support of this request, Intelsat attaches Exhibit A, a Radiation Hazard Report. 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 temporary operation of this new antenna will help provide new services to customers in the future. Accordingly, grant of this STA request is in the public interest.

Sincerely,

/s/ Cynthia J. Grady  
Cynthia J. Grady  
Senior Counsel  
Intelsat US LLC

cc: Paul Blais

**Intelsat US LLC**

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