



March 8, 2021

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

**Re: Request for Special Temporary Authority to Operate Two New 0.25m Ku-band Antennas**

Dear Ms. Dortch:

Intelsat License LLC, as debtor in possession (“Intelsat”), herein requests Special Temporary Authority (“STA”)<sup>1</sup> for 30 days, commencing March 15, 2021, to temporarily operate two new 0.25m Ku-band antennas with Galaxy 17 (S2715) in order to test the antennas. The antennas will be mounted on terrestrial vehicles and the proposed test will be conducted while the antennas are stationary and in motion. The testing is expected to last for 90 days and will occur within a 10-mile radius of McLean, Virginia and Fruithurst, Alabama.

The test will be performed in the following frequency bands: 14000-14500 MHz in the uplink; and 11700-12200 MHz in the downlink. The .25m antenna has a transmit gain of 21.0 dB at 14000-14500 MHz and a receive gain of 21.0 dB at 11700-12200 MHz. The total EIRP for all carriers will be 18 dBW.

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

Ph.: (703) 663-0882 – Eric Li

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 antennas, Intelsat will take all reasonable steps to eliminate the interference.

The proposed temporary operation of these antennas will enable Intelsat to test new equipment. Accordingly, grant of this STA request is in the public interest.

Sincerely,

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

cc: Paul Blais

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<sup>1</sup> 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.