



April 15, 2021

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

Re: Request for Extension of 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 an additional 30 days of Special Temporary Authority (“STA”)¹ previously granted to Intelsat² 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. Due to an unexpected delay, testing is not expected to be complete until the beginning of September 2021. The testing 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 incorporates by reference Exhibit A of its original request,³ 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.

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 See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02348, File No. SES-STA-20210308-00450 (Mar. 24, 2021) (Public Notice).

³ *Id.*

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

Sincerely,

/s/ Cynthia J. Grady

Cynthia J. Grady
Assistant General Counsel
Intelsat US LLC

cc: Paul Blais