



March 8, 2022

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

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

Dear Ms. Dortch:

Intelsat License LLC ("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 are mounted on terrestrial vehicles and the test will continue to be conducted while the antennas are both stationary and in motion. Due to an unexpected delay, Intelsat now expects testing to be complete in early April 2022. Testing will continue to occur within a 10-mile radius of McLean, Virginia and in Fruithurst, Alabama.

The test will continue to 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 is 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 the Radiation Hazard Report included with its original request.³ 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, e.g., *Satellite Communications Services Information; Actions Taken*, Report No. SES-02442, File No. SES-STA-20210416-00700 (Feb. 16, 2022) (Public Notice).

³ See *Request for Special Temporary Authority to Operate Two New 0.25m Ku-band*, SES-STA-20210308-00450 at Exhibit A (granted Mar. 24, 2021) (Public Notice).

Ms. Marlene H. Dortch
March 8, 2022
Page 2

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

Sincerely,

/s/ Cynthia J. Grady

Cynthia J. Grady
Assistant General Counsel, Intelsat US LLC
on behalf of Intelsat License LLC

cc: Kerry Murray