



December 27, 2022

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 Ku-band Flat Panel Antennas

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days of Special Temporary Authority ("STA")¹ previously granted to Intelsat to test six Ball 6x4 0.41m flat-panel Ku-band antennas in the continental United States.² Intelsat is testing the antennas while the antennas are mounted on a moving vehicle. Intelsat expects the testing to last approximately six months.

Intelsat seeks to continue communicating in the 11700-12200 MHz (downlink) and 14200-14500 MHz (uplink) frequency bands with Galaxy 11, Galaxy 17, Galaxy 18, SKY-B1, Intelsat 37e, and the OneWeb constellation. In support of this request, Intelsat incorporates by reference the additional operational information and Radiation Hazard Report included in its original STA request.³

The 24x7 contact information for the continued operations is: Tony Williams at (404) 381-2744.

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 continued operations will enable Intelsat to test new equipment. Accordingly, grant of this STA extension is in the public interest.

Respectfully submitted,

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

cc: Franco Hinojosa

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-02524, File No. SES-STA-20221104-01234 (Dec. 7, 2022) (Public Notice).

³ *Id.* at Exhibit A-B.