



November 19, 2021

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

**Re: Request for Special Temporary Authority to Operate Intelsat 16 at 76.2° W.L.
with New Beam Coverage; Call Sign: S2750**

Dear Ms. Dortch:

Intelsat License LLC, as debtor in possession (“Intelsat”), herein requests grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing upon grant, to temporarily operate Intelsat 16’s (S2750) Ku-band beam over a new coverage area in the communications frequencies 14000-14500 MHz and 11700-12200 MHz in order to conduct carrier testing for approximately 2-4 days. A coverage map of the proposed beam coverage is enclosed as Exhibit A.²

Intelsat 16 is permanently licensed to operate at 76.2° W.L. with a different beam coverage than the beam coverage proposed herein. The satellite’s Ku-band beam will be biased in order to achieve the new coverage. Intelsat’s proposed operation of Intelsat 16 will conform to existing coordination agreements and the FCC’s rules governing operations vis-à-vis adjacent locations.

The temporary operation of Intelsat 16’s Ku-band beam with a different coverage than authorized by its current license will help potential new services on Intelsat 16. Accordingly, grant of this STA request is in the public interest.

Please direct any questions regarding this STA request to the undersigned at (703) 559-6949.

Respectfully submitted,

/s/ Cynthia J. Grady

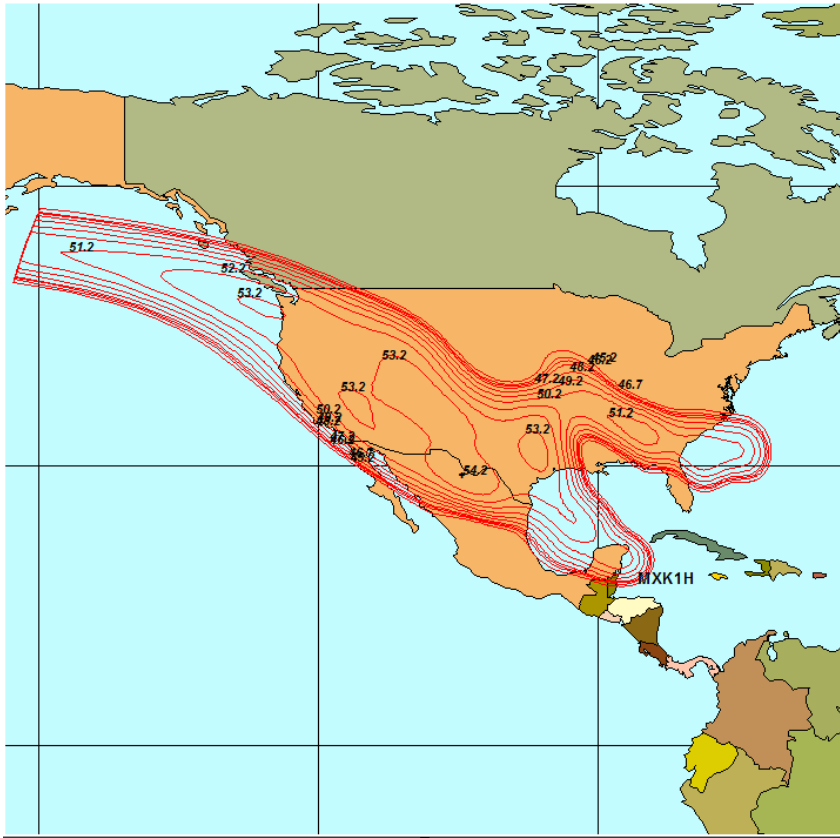
Cynthia J. Grady
Assistant General Counsel, Intelsat US LLC
on behalf of Intelsat License LLC

cc: Merissa Velez
Jennifer Balatan

¹ Intelsat has filed this STA request, an FCC Form 159, and a \$980.00 filing fee electronically via the International Bureau’s Filing System.

² Intelsat is requesting 30-days of STA to accommodate any unexpected delays in testing.

Exhibit A: Intelsat 16 Proposed Beam Coverage



Intelsat 16 @ 283.8°E	
Ku-Band Mexico H1	
Transmit Coverage	
Beam Pointing:	1.67°E 2.00°N
Rotation Angle:	0.00°CW
Contours	EIRP [dBW]
Beam Peak (0.0)	54.2
-1.0	53.2
-2.0	52.2
-3.0	51.2
-4.0	50.2
-5.0	49.2
-6.0	48.2
-7.0	47.2
-7.5	46.7
-8.0	46.2
-9.0	45.2
Beam Edge EIRP values from IESS-410 Rev 05. Nominal Beam Peak EIRP and contour values (dB from B.E.) derived from ACP 202 Rev 6.10.	