



June 10, 2021

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

**Re: Application of Intelsat License LLC, as Debtor-in-Possession, for
Conventional Experimental Authorization, OET File No. 0380-EX-CN-2021**

Dear Ms. Dortch:

Intelsat License LLC, as debtor-in-possession, ("Intelsat"), files this letter to clarify requested technical parameters in its pending application for an experimental license to operate in the 4605-4625 MHz and 4670-4700 MHz bands to test two ground terminals that will later be used to support Intelsat's high-altitude platform system ("HAPS") testing.¹ As reflected below, Intelsat proposes to operate its 1.8 meter General Dynamics Satcom Antenna and 3.8 Meter Vertex Antenna in the 4605-4625 MHz band with emission designator 20M0W7W and in the 4670-4700 MHz band with emission designator 30M0W7W.

Technical Details

Frequencies: 4605-4625 MHz and 4670-4700 MHz

1.8 meter General Dynamics Satcom Antenna

Antenna Manufacturer	General Dynamics Satcom
Antenna Model Number	Series 1184
Number of Units	1
Type	Fixed
Maximum ERP or EIRP	0.5 kW
Emission Designator (4605-4625 MHz)	20M0W7W
Emission Designator (4670-4700 MHz)	30M0W7W
Overall Height of Antenna AGL	10 ft

3.8 Meter Vertex Antenna

Antenna Manufacturer	Vertex
Antenna Model Number	DPK (DS318)
Number of Units	1
Type	Fixed
Maximum ERP or EIRP	1.5 kW
Emission Designator (4605-4625 MHz)	20M0W7W
Emission Designator (4670-4700 MHz)	30M0W7W
Overall Height of Antenna AGL	14 ft

¹ See Intelsat License LLC, as debtor-in-possession, Request for Conventional Experimental Authorization, OET File No. 0380-EX-CN-2021 (filed Apr. 30, 2021).

Ms. Marlene H. Dortch
June 10, 2021
Page 2

Please contact the undersigned with any questions.

Respectfully submitted,

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