



ASTRO DIGITAL

Astro Digital US, Inc.
3171 Jay St. Santa Clara, CA 95054

October 16, 2020

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

**Ref: Astro Digital Landmapper-Demo6 and Landmapper-Demo7 Orbit Parameters
IBFS File Nos. SAT-LOA-20170508-00071; SAT-AMD-20200528-00064**

Dear Ms. Dortch:

On October 16, 2020, Chris Bidy, CEO of Astro Digital US, Inc. (“Astro Digital”), and Tony Lin, counsel for Astro Digital, participated in a call with the following International Bureau (“Bureau”) staff: Merissa Velez, Satellite Division Policy Branch Chief; Alyssa Roberts, Satellite Division Policy Branch Attorney Advisor; and Sankar Persaud, Satellite Division Engineering Branch Engineer.¹ As part of that discussion, Astro Digital provided the below orbit parameters for the Landmapper-Demo6 and Landmapper-Demo7 satellites:

Parameter	As Defined At	Allowable Range
Circular Altitude	Mean	525 ± 25 km
Inclination	Mean	97.5 ± 0.1 degree
Longitude of Descending Node (LTDN)	0900	+ 60 min

Respectfully,

Chris Bidy
Chief Executive Officer
Astro Digital US, Inc.

cc: (via email)
Merissa Velez
Alyssa Roberts
Sankar Persaud

¹ See *Satellite Policy Branch Information Actions Taken*, DA No. 20-184, Report No. SAT-01447 (rel. Feb. 21, 2020) (establishing “permit-but-disclose” status for the Astro Digital application proceeding).