

Description of Application

Astro Digital US, Inc. (“Astro Digital”) hereby requests authority to operate an earth station at the following location:

7815 Shaffer Parkway
Littleton, CO 80127

Latitude: 39° 34’ 24” N

Longitude: 105° 8’ 1” W

The earth station will communicate with the Astro Digital Landmapper constellation, which has been operational since 2018.¹ Astro Digital seeks authority to operate on the following frequencies:²

Link Direction	Frequency Band	Bandwidth Occupied	Maximum Data Rate
Uplink (command)	402.88-402.92 MHz	40 kHz	38.4 kbps
Downlink (telemetry)	400.48-400.52 MHz	40 kHz	38.4 kbps

¹ See Stamp Grant, Astro Digital, IBFS File No. SAT-LOA-20170508-00071 (granted in part and deferred in part Aug. 1, 2018) (“License”).

² Astro Digital incorporates by reference the relevant waiver requests stated in the space station license application. See Application of Astro Digital, IBFS File No. SAT-LOA-20170508-00071, at Exhibit 43, Section III (granted in part and deferred in part Aug. 1, 2018).

Technical Certification

I, Jan A. King, hereby declare under penalty of perjury that I am familiar with Part 25 of the Commission's Rules (47 C.F.R. Part 25) and that I have either prepared or reviewed the technical information submitted in this earth station application, including the attachments and exhibits, and found it to be complete and accurate to the best of my knowledge and belief.

/s/ Jan A. King

Jan A. King

Chief Technical Officer

Astro Digital US, Inc.

February 27, 2020