

Description of Request

With this application, Planet Labs PBC (Planet) requests modification of its license for the earth station located in Maddock, ND (Call Sign E150004).¹ Specifically, in this modification application, Planet seeks authorization to:

- (1) Add the Planet M1 experimental satellite (Call Sign WQ2XDK)² as an additional Point of Communication (POC); and
- (2) Add a 3.7 m S/X/Ka-band antenna at the site.

Communications to and from the earth station with authorized satellite systems will be consistent with conditions in the relevant space station authorizations. The proposed modifications are reflected in the attached Schedule B.³ There are no other changes proposed to the license.

Planet attaches a frequency coordination and interference analysis report and radiation hazard report for the new antenna. Planet has previously submitted Comsearch reports demonstrating compliance with necessary terrestrial coordination requirements.

The remote control point of contact is:

Planet Labs PBC
645 Harrison St., Floor 4
San Francisco, CA 94107
Phone: +1 (415) 853-3683

¹ See ICFS File No. SES-MOD-20231005-02208 (granted Nov. 27, 2024).

² See OET File No. 1276-EX-CN-2025 (granted May 13, 2026).

³ Please note that ICFS identified 511 errors in the Schedule B relating to alignment between specific bandwidths and emission designators. For instance, the system did not accept the precise 200 kHz bandwidth for the 2066.5–2066.7 MHz range with a center frequency of 2066.6 MHz. To resolve this and preserve the 200KF1D designator, Planet adjusted the upper and lower frequency bounds for this and similarly affected entries by 50 Hz to enable submission without errors, resulting in a range of 2066.50005 MHz to 2066.70005 MHz. Please note, however, that in these circumstances, the actual bandwidth is limited to 200 kHz.

Should you have any questions, please do not hesitate to contact the undersigned.

Respectfully Submitted,

/s/ Danielle J. Piñeres

Danielle J. Piñeres
Deputy General Counsel and VP of
Regulatory Affairs & Policy
Planet Labs PBC

Attachments:

1. Frequency Coordination and Interference Analysis Report
2. Radiation Hazard Report 3.7 m Antenna