



02/01/2024

**VIA ELECTRONIC FILING**

Federal Communications Commission  
Office of Engineering and Technology  
445 12<sup>th</sup> Street SW  
Washington, D.C. 20554

RE: 0127-EX-ST-2024 Narrative

This STA is necessary to authorize launch vehicle communications for Firefly's Sixth Alpha Mission from SLC-2W at Vandenberg Space Force Base in California. The application includes a sub-orbital first stage, and an orbital second stage. No payload(s) will remain attached to Alpha once its target orbit is achieved.

Alpha will transmit telemetry for the duration of the mission, using 2287.5 MHz and a redundant downlink using 2272.5 MHz. RF radiation will be terminated through vehicle passivation upon mission completion.

Respectfully,

Cody Curabba, Esq.  
Launch Vehicle Flight Safety & Licensing Specialist  
Em: [cody.curabba@fireflyspace.com](mailto:cody.curabba@fireflyspace.com)

