



# Memorandum

To	<i>Federal Communications Commission</i>
From	<i>Firefly Aerospace</i>
Subject	<i>Cessation of Emissions</i>
Date	<i>12/16/2022</i>
	<i>STA File Number: 2072-EX-ST-2022</i>

Firefly meets the requirement set forth in 47 CFR §25.207 Cessation of emissions “Space stations shall be made capable of ceasing radio emissions by the use of appropriate devices (battery life, timing devices, ground command, etc.) that will ensure definite cessation of emissions.” The Alpha vehicle has a pre-programmed, time-based, command to cease transmissions at T+7200s. Additionally, the vehicle will passivate - draining all battery life within approximately three hours of the launch. There is no uplink to the vehicle.

Concerns on potential interference should be coordinated before launch operations begin with Firefly Launch Vehicle Safety and Licensing Specialist and POC Adam Materne ([Adam.Materne@fireflyspace.com](mailto:Adam.Materne@fireflyspace.com), 254-238-3426). During flight operations, the Range Coordinator’s console will have a continuous presence, including Carter Linville ([Carter.Linville@fireflyspace.com](mailto:Carter.Linville@fireflyspace.com), 805-605-2712) and other staff, ready to answer the phone. The Range Coordinator’s console phone number is 805-605-2712.