



Memorandum

<i>To</i>	<i>Federal Communications Commission</i>		
<i>From</i>	<i>Firefly Aerospace</i>		
<i>Subject</i>	<i>Cessation of Emissions</i>		
<i>Date</i>	<i>02/25/2021</i>		
<i>Alpha</i>	<i>FRN Number: 0028054328</i>	<i>STA File Number: 0131-EX-ST-2021</i>	<i>Firefly Tracking Number: MEM_MSS_0007</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-programed, time-based, command to cease transmissions at T+6201s. Additionally, the vehicle will passivate - draining all battery life within approximately three hours of the launch.

Concerns on potential interference should be coordinated before launch operations begin with Firefly Mission Assurance POC Olivia Kirk (Olivia.Kirk@firefly.com, 508-846-7050). During flight operations, the Range Coordinator’s console will have a continuous presence, Sean Reilly (Sean.Reilly@firefly.com, 805-605-2712), ready to answer the phone. The Range Coordinator’s console phone number is 805-605-2712. There is not, nor will there be, a stop buzzer to control communications to Firefly’s Alpha launch vehicle.