

From: Karl Nelson

To: Leann Nguyen

Date: May 19, 2021

Subject: Request for Info - File # 0688-EX-ST-2021

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Message:

Dear Ms. Nguyen,

Thank you for your inquiry. Telemetry is used by both the rocket booster, a.k.a. Propulsion Module (PM) and the Crew Capsule (CC) in New Shepard. Both the CC and the PM are designed for sub-orbital flights only, with a trajectory that is almost wholly vertical, up to a normal flight altitude (apogee), then back down to the ground. There are no plans to go to orbital flights within the New Shepard program. During the flight (approximately 15 minutes from liftoff to landing of both the PM and CC), the propulsion module will transmit on 2202 MHz, and the crew capsule will transmit on 2272.5 MHz. Further details regarding altitude etc. are in the application file 0613-EX-ST-2021. Thanks again for your consideration.

Best regards,

Karl Nelson

Avionics Hardware Engineer III

BLUE ORIGIN PROPRIETARY INFORMATION