

From: Jeffrey Bridge

To: Leann Nguyen

Date: February 22, 2019

Subject: Request for Info - File # 0029-EX-CM-2019

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Message:

New Shepard UHF downlink license is being updated to reflect that frequency modulation may be used, in addition to the original phase modulation (no change in baud rate). Also, in some cases a narrower signal may be used, so the modification adds narrower bandwidths with the same center frequency as the wider emissions. The maximum altitude is updated from 400,000 ft to 425,000 ft to represent a bounding case -- but the nominal flight profile still remains below 400,000 ft.