

From: Elaine Malmrose

To: Nimesh Sangani

Date: May 25, 2021

Subject: Additional Information Request

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Message:

- 1) Please provide the size(meter), antenna gain (dBi), input power at antenna flange (watts) of the proposed antenna(s). Antenna diameter = 0.96 m; antenna transmit gain = 41.2 dBi; maximum input power at antenna flange = 40 W
- 2) Please provide the antenna patterns with 25.209 envelop superimposed on it. Please certify that the proposed antenna will meet the Section 25.209, 25.218, or 25.202 of the Commission's rule. The sidelobe envelope provided by the antenna vendor complies with section 25.209. (I will add as an attachment)
- 3) The class station is MO. Will the proposed antenna onboard an aircraft (ESAA) ? If so, please provide the altitude of the ESAA above ground (AGL) in feet. The proposed antenna will not be used onboard an aircraft.