

From: Katie Keating

To: Behnam Ghaffari

Date: November 13, 2019

Subject: Request for Info - File # 1601-EX-ST-2019

Message:

To clarify our planned ERP:

Input power to the antenna will be $1\text{mW}=0\text{dBm}$

Antenna gain is 20 dBi

$\text{ERP} = 20 \text{ dBm} = 100\text{mW}$

Note that this is highly directional, and will be pointed directly at our aircraft at approximately 6000 ft.