

From: Josh Kannenberg

To: Travis Nguyen

Date: June 08, 2021

Subject: FCC-File.No: 0372-EX-CN-2021

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Message:

In response to the correspondence of May 24, applicant provides the following:

Please provide the size(meter), antenna gain (dBi), input power at antenna flange (watts), and EIRP (dBW) of the proposed antenna(s). Also, please provide Point of communication (satellite): name, call sign and file no. of the satellites operating in the 7.25-8.4 GHz, 10.95-14.5 GHz, 20-31 GHz bands.

Response:

• Gain: 50.6 dBi (Ka-Band), 47.6 dBi (Ku-Band), 42.8 dBi (X-Band)

• Input power at antenna flange: 44.7W (Ka-Band), 56.2W (Ku-Band), 37.2W (X-Band)

• Satellite Name, Call Sign, File No.: Cannot disclose this information. See explanation below.

o Lockheed Martin and the program customer (AHPO) are working parallel paths for frequency authorization, and assignment onto specific military satellites has not been decided yet. The SNAP system is a certified device and has CONUS and OCONUS frequency authorization. The satellite name, call sign, and file number requested are not in public domain