

From: Derek Ofori

To: Behnam Ghaffari

Date: October 28, 2020

Subject: FCC File No. 1434-EX-ST-2020

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Message:

1) Provide the input power at antenna flange (in watts) of the 12 meter antenna?

Not sure where it came from. We do not have a 12 meter antenna, our flat panel configuration is approximately equivalent to 0.3048m (0.30) parabolic. Did you mean the output power at the flange? for a IF input power we are at -25 dBm or 0.0000032. The output power at the flange is 10 Watts.

What is the antenna gain (in dBi) @ 14.0948 GHz of the 12 meter antenna? For a 0.30m, flat panel equivalent gain is 30.0 dBi.

2) Confirm the point of communication (satellite) is: GALAXY 19@ 97 W (Call sign S2647). Confirmed.