

From: Ronald Quirk

To: Leann Nguyen

Date: September 06, 2021

Subject: Request for Info - File # 0702-EX-CN-2021

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Message:

Q. Please provide the size (meter), antenna gain (dBi), input power at antenna flange (watts), and EIRP (dBW) of the proposed two TrellisWare Technologies Prototype antennas

A. The antennas to be used at each of the two sites are manufactured by Radio Waves Inc., model SPD4-6 which have a diameter of 1.2 meters and a gain of 36.5 dBi. The maximum input power at the flange is 200 watts. The peak EIRP from these antennas would be 23.0 dBW (200 watts at the flange) + 36.5 dBi (antenna gain) = 59.5 dBW (893 kw).

Q. Please clarify which maximum output power had been coordinated and approved?

A. The maximum output power that was analyzed for interference cases and coordinated was 893 kW EIRP.