

To: Michael Miller  
E-Mail: mlmiller@sterksolutions.com  
From: Doug Young  
Date: July 10, 2019

Subject: Request for Info - File # 1781-EX-ST-2018

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Message:

As far as EIRP level, it seems like there is a discrepancy between what you request via the STA and what you say you will use via PFD calculations.

a) Per the pdf file (PFD calculations) that you provided, it has: "EIRP: (Pt-Psys\_loss)\*G\_ant = 46.88457631 W"

b) The STA has an "ERP = 121.9 W"

c) Typically EIRP (W) = 1.64 \* ERP

d) As a result, for the STA, you request for an EIRP of  $1.64 * 121.9 = 199.9$  W

Based on the above, for the STA you request an EIRP level of 199.9 W; however, via the PFD Calculation, you say you only use an EIRP level of 46.88457631 W. Clarify which EIRP level that you are going to use for this STA.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of July 10, 2019 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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Responses to this correspondence must contain the Reference number : 49433