

From: Richard Ball

To: Leann Nguyen

Date: July 11, 2016

Subject: Request for Info - File # 0930-EX-ST-2016

Message:

Ms. Nguyen:

In connection with your inquiry ("Please submit the antenna information in details and explain why the antenna output power and ERP have the same value 1 W when the directional antenna has a beamwidth of 30 deg."), BAE Systems notes as follows:

- In a separate email directly to you I have provided the data sheet for the ETS 3164-06 that is intended to be used for this experiment.
- The antenna output power and ERP are the same because the accumulated system losses (transmission lines , connectors, power dividers, etc.) negate the gain of the transmit antenna.

Best regards,

Jeff Rummel
Attorney for BAE Systems