

From: Eric Frische

To: Doug Young

Date: March 16, 2006

Subject:

Request for Info - STA File #0128-EX-ST-2006

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Message:

Please go ahead and make the form data without the exhibits available to the public. We'll keep this practice in mind when making future submissions.

Yes, please use the discrete frequency in the first blank and authorize 25 kHz bandwidth. Thank you for the fix.

The use of dBm, ERP and EIRP appears to be very vendor/engineer/site specific, with no particular focus on one as a "standard" or accepted practice - please pardon the confusion here as it is related to my short experience in the industry. The maximum radiated power from our prototype payload is 45dBm EIRP which is equivalent to 32W, the ERP which takes into account the actual antenna will be 2.2dB higher or 47.2dBm which is equivalent to 53W. We put the 48dBm number in for ERP as the absolute maximum & to use the best whole number for the filing - 48dBm ERP is equivalent to 63W, and we can guarantee that we will not exceed this radiated power level at any time during our experiments.

Please let us know if this answers the questions & completes the application,

John Kostraba

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