

From: CHRISTOPHER MIKUS

To: John Kennedy

Date: July 29, 2004

Subject:

FCC File # 0423-EX-ST-2004

Message:

Mr. Kennedy:

In response to your correspondence dated July 23, 2004 (Reference Number 3114) in connection with File No. 0423-EX-ST-2004, and as we have discussed, this is to confirm the following:

1. The 120 mile area of operation referenced in the exhibit is erroneous. The proper maximum area of operation is 62 km.
2. In response to the inquiry regarding ERP and gain, the following is provided:

ERP = Five (5) Watts.

+35dBm out of the PA, less a dB or so for the cable, plus 3dBi for the ant. = just a tad shy of +37dBm. That's 4.996 Watts ERP max.

I trust that the above is responsive to your inquiry. If there remain any questions, please do not hesitate to contact me directly.

Respectfully submitted,

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and Electronic Systems Integration Inc.
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