

From: Terri Dempski

To: John Kennedy

Date: March 06, 2003

Subject:

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Message:

Please report the PEAK effective radiated power.

The peak (max EIRP) is 20 W for the amplifier.

RF output = 20 watts at the unit + 6 db gain at antenna - 2.5 db cable loss.

I am having the vendor calculate this out.

Please justify the need for a 36-month experimental license.

The C5 AMP program continues to test CNS integration for the next 2 years. From that point the following 12 months is needed for support while the C5 aircraft is in test. Owego would be in a support role the last 12 months of the 36.

Please explain why the tolerance is 320 percent and to what percentage it can be lowered if possible.

The 320 but is 320 Hz not %. This is extremely tight frequency tolerance.

The vendor has been asked to convert Hz to %.

Owego has received the INMARSAT registration/commissioning of the Owego C5 SIL and Aero-I SATCOM. It was received the week of Feb 4th. The documentation is with Claude Wells if it is required.