

From: John Molnar

To: Behnam Ghaffari

Date: September 28, 2012

Subject: FCC File No. 0551-EX-PL-2012

Message:

In regards to your query regarding Output Power and ERP, I assumed the Output Power referred to maximum output of the RF amplifier driving the antenna system.

In my case, the experimental antenna/ground system at the frequencies requested will be very inefficient, resulting in actual ERP values at or under 1.0 Watts.

The intent of the experiment, as stated, is to maximize the efficiency of a marginal MF antenna system. In reality, I do not expect actual ERP to exceed 1.0 Watt given the requested maximum power output of 250 Watts from the amplifier.

I will amend the application if necessary per your requirements.

Thank you for your consideration.

John W. Molnar WA3ETD

FILE: 0511-EX-PL-2012

Confirm: EL129518

802-537-3593

j_molnar@shoreham.net