

From: Wesley Dwelly

To: Web Filer

Date: October 26, 2017

Subject: 1472-EX-ST-2017 pre-coordination data request

Message:

Hi

Seeking approval ASAP.

We are performing a one day experiment at a remote site for the US Government on Nov 7 at GPS location Lat N30 41 4? Long W86 19 43? (Eglin AFB FL).

The test range has been reserved for this location and test day. We would like to get permission to transmit in the frequency range from? 500 MHz to 750 MHz (on the form I put 400 MHz to 1000 MHz but is actually not that wide). The power is low? ~ ERP = 4 dBm. We are using two shielded Log Periodic PCB antennas (One for transmit / One for Receive) that have ~ 4 dB of gain from 400 to 1000 MHz.?

The shielded antennas will be operated against concrete blocks to measure properties of the concrete. Operated similar to a Ground Penetrating Radar (GPR) with very little energy escaping.

?

Thank you very much

?