

To: Thomas Fagan
E-Mail: tfagan@raytheon.com
From: John Kennedy
Date: November 02, 2005

Subject: FCC File # 0143-EX-PL-2004

Message:

Dear Mr. Thomas Fagan:

In order to perform GPS re-radiation, the maximum equivalent isotropically radiated power must be such that the calculated emissions are no greater than -140 dBm/24 MHz at a distance of 100 feet (30 meters) from the building where the test is being conducted. Calculations showing compliance with this requirement must be provided with this application for frequency assignment and should be based on free space propagation with no allowance for building attenuation.

Please submit the name and telephone number (preferably the cell phone number) of a person who will be available to stop transmissions at all times during GPS re-radiation operation of the device under any condition.

Also, please submit the government contract number under which the GPS re-radiation will be performed in this experiment.

Please convert powers from EIRP to ERP.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of November 02, 2005 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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Responses to this correspondence must contain the Reference number : 3986