

Douglas Young

From: Douglas Young
Sent: Tuesday, July 26, 2005 9:19 AM
To: 'alinton@alumni.princeton.edu'
Subject: Request for Info - STA File # 0447-EX-ST-2005

Attached is a policy document negotiated between the FCC and NTIA concerning applications for licensing of GPS reradiating devices. Submit documentation showing compliance with the guidelines outlined in the policy document.

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 July 26, 2005 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.



I34350_1_NTIA_Ad
dition_of_Sect...

Doug Young
Electronics Engineer
Federal Communications Commission
Experimental Licensing Branch
Phone: (202) 418-2440
Fax: (202) 418-1918
Email: Douglas.Young@fcc.gov

ADD NEW SECTION

8.3.28 USE OF DEVICES THAT RE-RADIATE SIGNALS RECEIVED FROM THE GLOBAL POSITIONING SYSTEM

Except as otherwise authorized under 7.14, federal agencies may, under the following conditions, operate devices that re-radiate signals received from the Global Position System (GPS).

1. Individual authorization is necessary for each device at a site-specific location.
2. Applications for frequency assignment should be applied for as an XT station with a note indicating the device is to be used as an “Experimental RNSS Test Equipment for the purpose of testing GPS receivers”.
3. Approved applications for frequency assignment will be entered in the GMF.
4. The maximum length of the assignment will be two years, with possible renewal.
5. The operation must be at specified fixed location and mobile operation is not authorized.
6. The area of potential interference to GPS reception (e.g., military or contractor facility) has to be under the control of the user.
7. 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. The calculations showing compliance with this requirement must be provided with the application for frequency assignment and should be based on free space propagation with no allowance for building attenuation.
8. GPS users in the area of potential interference to GPS reception must be notified that GPS information may be impacted for periods of time.
9. The use is limited to activity for the purpose of testing RNSS equipment/systems
10. A “Stop Buzzer” point of contact for the authorized device must be identified and available at all times during GPS re-radiation operation of the device under any condition.