

August 5, 2011

Federal Communications Commission
Office of Engineering Technology
445 12th Street SW
Washington, DC 20554

Ref: Experimental License

Dear Sir or Ma'am,

Compass Systems, Inc. is respectfully requesting an Experimental License to operate a GPS Repeater System to facilitate the testing and development of an airborne radar system that incorporates a GPS receiver. In reference to the NTIA's regulation Section 8.3.28:

Item 7: Exhibit 1 shows that our calculated maximum equivalent isotropically radiated power, at a distance of 100 feet from the building where the testing will be conducted, is no greater than -140 dBm.

Item 8: We have confirmed that none of the businesses within a 0.1 mi radius are presently employing or intend to employ GPS capable devices.

Item 10: The "Stop Buzzer" point of contact will be myself. I will be available 24 hours a day at the contact information listed below.

Please feel free to contact me with any questions or concern.

Sincerely,

Donald Litteral
Compass Systems, Inc.
21471 Great Mills Road
Lexington Park, MD 20653
don.litteral@compass-sys-inc.com
Wk: (301) 737-4740 (business hours)
Cell: (240) 561-3421 (24 hrs/day)