Chris Hushak, 23010 Ladbrook Drive, Sterling, VA 20166,

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL	WF2XTU
(Nature of Service)	(Call Sign)
XT FX	0108-EX-RR-2013
(Class of Station)	(File Number)

NAME Raytheon

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

(1) Sterling (LOUDOUN), VA - NL 38-58-49; WL 77-29-03

Frequency Information

Sterling (LOUDOUN), VA - NL 38-58-49; WL 77-29-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1227.6 MHz	FX	20M0W7D	20 pW (ERP)	
1575.42 MHz	FX	20M0W7D	20 pW (ERP)	

Special Conditions:

(1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

(2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.

(3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

(4) Operation is limited to activity for the purpose of testing radionavigation satellite service (RNSS) equipment and systems.

This authorization effective June 11, 2013 and
will expire 3:00 A.M. EST May 01, 2015

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Special Conditions:

(5) The test equipment shall only be used indoors and shall be under the control of Raytheon.

(6) Raytheon shall post signs on doors to the test area notifying that, "GPS re-radiator is in use and the GPS information you receive may be in error."

(7) GPS users in the area of potential interference to GPS reception must be notified that GPS information may be impacted for periods of time.

(8) Stop buzzer point of contact, (24 hour/7 day) is the Security Guard at 703-260-3500, or the facility engineer Mr. Dan Maticic at 703-260-3594 and the technical lead engineer, Mr. Chris Hushak at 5710250-1879.

(9) EIRP is no greater than -140 dbm/24 MHz at 100 feet.