

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

EXPERIMENTAL

(Nature of Service)

WD2XTW

(Call Sign)

XD FX MO

(Class of Station)

0196-EX-PL-2005

(File Number)

NAME Northrop Grumman

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 38-59-24; WL 77-24-57
- (2) Sterling (LOUDOUN), VA - NL 38-59-24; WL 77-24-57
- (3) MOBILE: Within 4 km of 22635 Davis Drive, Sterling (LOUDOUN), VA, within 4 km, centered around NL 38-59-24; WL 77-24-57

Frequency Information

Sterling (LOUDOUN), VA - NL 38-59-24; WL 77-24-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4940-4990 MHz	FX	20M0MXD 10M0MXD 5M00M0W	16 W (ERP)	

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This authorization effective September 07, 2005 and
will expire 3:00 A.M. EST September 01, 2007

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Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Operations in this band must be coordinated with the existing and future users to avoid interference.
- (4) Operation under this license is only for testing and demonstrating 4.9 GHz public safety equipment.