

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WA2XZC

(Call Sign)

0136-EX-RR-2010

(File Number)

NAME Northrop Grumman Systems Corporation

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(g) of the Commission's Rules

Station Locations

(1) Elkridge (HOWARD), MD - NL 39-12-05; WL 76-45-16

Frequency Information

Elkridge (HOWARD), MD - NL 39-12-05; WL 76-45-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5850-6425 MHz	FX	1M93G7W	4 MW (ERP)	
5850-5894 MHz	FX	1M93G7W	4 MW (ERP)	
5906-6425 MHz	FX	1M93G7W	4 MW (ERP)	
7900-8400 MHz	FX	1M93G7W	10 MW (ERP)	

This authorization effective June 01, 2010 and
will expire 3:00 A.M. EST June 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Elkridge (HOWARD), MD - NL 39-12-05; WL 76-45-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	FX	10M2G7W	25 MW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee shall perform location and frequency analysis as required by Parts 25 and 101 of the FCC Rules to insure that no harmful interference occurs.
- (4) Use of the band 5894-5906 MHz is NOT permitted in order to avoid interference to US Navy operations.