

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

EXPERIMENTAL

(Nature of Service)

WE2XTV

(Call Sign)

XD FX MO

(Class of Station)

0016-EX-AL-2009

(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(i) of the Commission's Rules

Station Locations

- (1) HUNTSVILLE (MADISON), AL - NL 34-43-17; WL 86-39-19; MOBILE: Huntsville (MADISON), AL, within 30 km, centered around NL 34-43-17; WL 86-39-19

Frequency Information

HUNTSVILLE (MADISON), AL - NL 34-43-17; WL 86-39-19; MOBILE: Huntsville (MADISON), AL, within 30 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4707 MHz	FX	22M0G7W	18.2 W (ERP)	0.002 %
4707 MHz	MO	22M0G7W	18.2 W (ERP)	0.002 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Operations need to be limited to radiate in the sector 270-360 degrees from true North.
- (3) The stop buzzer person Paul Wulf, cellphone number 858-774-8513.
- (4) Northrop Grumman POC must call Redstone Arsenal Test Center (Mr. Dave Smith, 205-876-1688) prior to starting testing and provide a POC name and telephone number of a person on site at the test location for operational coordination.

This authorization effective January 05, 2010 and
will expire 3:00 A.M. EST September 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



