

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WE9XNW

(Call Sign)

XT FX MO

(Class of Station)

0400-EX-ST-2010

(File Number)

NAME Northrop Grumman Systems Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Northrop Grumman Systems Corporation (NGSC) wishes to perform testing of equipment designed to offer a self-repairing, high-speed, narrow-bandwidth network capable of operating

Station Locations

- (1) Tampa (HILLSBOROUGH), FL - NL 27-56-30; WL 82-27-13; MOBILE:within 96.56 km
- (2) Tampa (HILLSBOROUGH), FL - NL 27-56-44; WL 82-32-07; MOBILE:within 96.56 km

Frequency Information

Tampa (HILLSBOROUGH), FL - NL 27-56-30; WL 82-27-13; MOBILE:within 96.56 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4940-4990 MHz	FX	22M0G1D	50 W (ERP)	
4940-4990 MHz	MO	22M0G1D	50 W (ERP)	

This authorization effective September 22, 2010 and
will expire 3:00 A.M. EST November 23, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Tampa (HILLSBOROUGH), FL - NL 27-56-44; WL 82-32-07; MOBILE:within 96.56 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4940-4990 MHz	FX	22M0G1D	50 W (ERP)	
4940-4990 MHz	MO	22M0G1D	50 W (ERP)	

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) Operation is subject to prior coordination with Part 90 land mobile licensees within 80 km of operations.