

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WH2XXI

(Call Sign)

0016-EX-RR-2016

(File Number)

NAME Northrop Grumman 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(j) of the Commission's Rules

Station Locations

(1) San Diego (SAN DIEGO), CA - NL 32-49-37; WL 117-07-46

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-49-37; WL 117-07-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	1 W (ERP)	0.001 %
788-798 MHz	FX	10M0F9W	317 mW (ERP)	0.001 %

Special Conditions:

- (1) FirstNet can request the FCC to order the licensee to cease operations within 24 hours.
- (2) Licensee agrees that the project is limited to testing, experimentation or trial and may not involve live-duty operations by first responders or others to protect life, property, or safety.
- (3) Licensee agrees that any press release to be issued regarding the license, surrounding demonstration, or use of Band 14 spectrum must be coordinated with and receive written signoff from FirstNet prior to release.

This authorization effective February 22, 2016 and
will expire 3:00 A.M. EST August 22, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Licensee certifies that the Governor-appointed FirstNet Single Point of Contact within the proposed STA location has been notified of license application (contact information available at www.firstnet.gov/consultation).
- (5) Licensee must accept interference from any other user of Band 14 and must coordinate operation with other authorized Band 14 STAs/Experimental Licenses.
- (6) Licensee must not cause interference to FirstNet operations or those approved to operate in Band 14 per license (i.e. SMLA licensees/current incumbents).
- (7) Licensee certifies that it has verified with reasonable supporting detail no current potential for interference with FirstNet operations or those approved to operate in Band 14 per STA/EL or license (i.e. SMLA licensees/current incumbents).
- (8) POC is established and sent to FirstNet upon license approval with "kill switch" authority; Licensee agrees to cease operations at request of FirstNet immediately upon receipt of request to kill switch POC until such time, as determined by FirstNet, that project may continue.