

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

EXPERIMENTAL

(Nature of Service)

WJ2XWZ

(Call Sign)

XT FX MO

(Class of Station)

0423-EX-CN-2018

(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(e & j) of the Commission's Rules

Station Locations

- (1) San Diego (SAN DIEGO), CA - NL 32-59-26; WL 117-04-40; MOBILE: max altitude 35,000 ft AMSL, within 278 km

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-59-26; WL 117-04-40; MOBILE: max altitude 35,000 ft AMSL, within 278 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
430-450 MHz	MO	3M00G1D 1M20G1D	61 W (ERP)	
430-450 MHz	FX	3M00G1D 1M20G1D	61 W (ERP)	
902-928 MHz	MO	1M20G1D 3M00G1D 5M00G1D	136 W (ERP)	

This authorization effective February 22, 2019 and
will expire 3:00 A.M. EST March 01, 2021

**FEDERAL
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Frequency Information

San Diego (SAN DIEGO), CA - NL 32-59-26; WL 117-04-40; MOBILE: max altitude 35,000 ft AMSL, within 278 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	10M0G1D	136 W (ERP)	
902-928 MHz	FX	1M20G1D 3M00G1D 5M00G1D 10M0G1D	136 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Northrop Grumman must notify all Location & Monitoring Service licensees (902-928 MHz) within 425 km of the test area(s) prior to operation.
- (4) Upon notification from the FCC, operation in 430-450 MHz is subject to immediate cessation, if it causes harmful interference to NASA operations, space assignments.