

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI2XQN

(Call Sign)

0259-EX-CM-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(h & j) of the Commission's Rules

Station Locations

- (1) Los Angeles (LOS ANGELES), CA - NL 34-03-27; WL 118-26-51
- (2) Redondo Beach (LOS ANGELES), CA - NL 33-53-29; WL 118-22-27
- (3) Newhall (LOS ANGELES), CA - NL 34-20-51; WL 118-24-32
- (4) Mojave (KERN), CA - NL 35-03-25; WL 118-09-36
- (5) El Segundo (LOS ANGELES), CA - NL 33-54-52; WL 118-23-22

Frequency Information

Los Angeles (LOS ANGELES), CA - NL 34-03-27; WL 118-26-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
83.5 GHz	FX	5G00A2D	15.353 kW (ERP)	

Redondo Beach (LOS ANGELES), CA - NL 33-53-29; WL 118-22-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
83.5 GHz	FX	5G00A2D	15.353 kW (ERP)	

This authorization effective March 13, 2019 and
will expire 3:00 A.M. EST January 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Newhall (LOS ANGELES), CA - NL 34-20-51; WL 118-24-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
83.5 GHz	FX	5G00A2D	15.353 kW (ERP)	

Mojave (KERN), CA - NL 35-03-25; WL 118-09-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
83.5 GHz	FX	5G00A2D	15.353 kW (ERP)	

El Segundo (LOS ANGELES), CA - NL 33-54-52; WL 118-23-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
83.5 GHz	FX	5G00A2D	15.353 kW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Licensee is required to coordinate operations with existing 81-86 GHz users in the area to avoid interference.