

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WI2XAL

(Call Sign)

0620-EX-CR-2020

(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(j) of the Commission's Rules

Station Locations

- (1) Redondo Beach (LOS ANGELES), CA - NL 33-53-29; WL 118-22-27
- (2) Los Angeles (LOS ANGELES), CA - NL 34-03-27; WL 118-26-51
- (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

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

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 73.5 GHz  | FX            | 5G00A2D             | 15.353 kW (ERP)  |                           |

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

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 73.5 GHz  | FX            | 5G00A2D             | 15.353 kW (ERP)  |                           |

This authorization effective November 01, 2020 and  
will expire 3:00 A.M. EST November 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 (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 73.5 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 (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 73.5 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 (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 73.5 GHz  | FX            | 5G00A2D             | 15.353 kW (ERP)  |                           |

## Special Conditions:

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