

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WJ2XEM

(Call Sign)

0646-EX-CN-2017

(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) Palmdale (LOS ANGELES), CA - NL 34-38-17; WL 118-04-59
- (2) Rosamond (KERN), CA - NL 34-55-40; WL 118-31-57
- (3) Rosamond (KERN), CA - NL 34-52-09; WL 118-07-06
- (4) El Mirage (SAN BERNARDINO), CA - NL 34-44-15; WL 117-33-39

Frequency Information

Palmdale (LOS ANGELES), CA - NL 34-38-17; WL 118-04-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71-76 GHz	FX	50M0G1D	5 W (ERP)	
92-96 GHz	FX	50M0G1D	5 W (ERP)	

This authorization effective November 16, 2017 and
will expire 3:00 A.M. EST December 01, 2019

**FEDERAL
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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.

Special Conditions:

- (3) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.