

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

EXPERIMENTAL

(Nature of Service)

WK2XGJ

(Call Sign)

XT FX MO

(Class of Station)

0368-EX-CR-2021

(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) Linthicum (ANNE ARUNDEL), MD - NL 39-10-46; WL 76-41-21
- (2) MOBILE: Pocomoke, MD: airborne max altitude 17,500 ft, within 300 km, centered around NL 38-00-00; WL 75-30-00

Frequency Information

Linthicum (ANNE ARUNDEL), MD - NL 39-10-46; WL 76-41-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8700 MHz	FX	80M0P0N 80M0Q1N	2200 W (ERP)	
9625 MHz	FX	80M0P0N 80M0Q1N	2200 W (ERP)	

This authorization effective July 01, 2021 and
will expire 3:00 A.M. EST July 01, 2022

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Frequency Information

MOBILE: Pocomoke, MD: airborne max altitude 17,500 ft, within 300 km, centered around NL 38-00-00; WL 75-30-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8700 MHz	MO	80M0P0N 80M0Q1N	4.8 kW (ERP)	
9625 MHz	MO	80M0P0N 80M0Q1N	4.8 kW (ERP)	

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.