

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WQ9XLN

(Call Sign)

XC FX

(Class of Station)

0747-EX-ST-2020

(File Number)

NAME Northrop Grumman Systems Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Operation consists of studying, analyzing, designing, developing, prototyping and testing technology for microelectronics and algorithm solutions.

Station Locations

- (1) Linthicum (ANNE ARUNDEL), MD - NL 39-11-09; WL 76-41-11
- (2) Hanover (ANNE ARUNDEL), MD - NL 39-11-06; WL 76-42-21

Frequency Information

Linthicum (ANNE ARUNDEL), MD - NL 39-11-09; WL 76-41-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.25-7.9 GHz	FX	2M00Q1N 50K0P0N 200MQ3N	770 kW (ERP)	

This authorization effective May 26, 2020 and
will expire 3:00 A.M. EST November 19, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Hanover (ANNE ARUNDEL), MD - NL 39-11-06; WL 76-42-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.25-7.9 GHz	FX	2M00Q1N 50K0P0N 200MQ3N 50K0P0N	770 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) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Northrop Grumman Systems Corporation must notch out the following: 7315-7360 MHz, 7390-7420 MHz, and 7690-7720 MHz in order to avoid causing interference to Air Traffic operations.