

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WL2XDV

(Call Sign)

0209-EX-CM-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) Annapolis (ANNE ARUNDEL), MD - NL 39-00-21; WL 76-24-28
- (2) Hanover (ANNE ARUNDEL), MD - NL 39-11-05; WL 76-42-21

Frequency Information

Annapolis (ANNE ARUNDEL), MD - NL 39-00-21; WL 76-24-28

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 2990 MHz  | FX            | 136MQ3N             | 5.8 kW (ERP)     |                           |
|           |               | 32M7Q3N             |                  |                           |
|           |               | 43M3Q3N             |                  |                           |
|           |               | 9M46Q3N             |                  |                           |
|           |               | 3M44P0N             |                  |                           |

Hanover (ANNE ARUNDEL), MD - NL 39-11-05; WL 76-42-21

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 2990 MHz  | FX            | 136MQ3N             | 5.8 kW (ERP)     |                           |

This authorization effective October 06, 2021 and  
will expire 3:00 A.M. EST September 01, 2022

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Hanover (ANNE ARUNDEL), MD - NL 39-11-05; WL 76-42-21

| Frequency | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|------------------------------------------|------------------|---------------------------|
| 2990 MHz  | FX            | 32M7Q3N<br>43M3Q3N<br>9M46Q3N<br>3M44P0N | 5.8 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.
- (3) Northrop Grumman Systems Corporation must direct all emission away from Sterling, VA