

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

EXPERIMENTAL

(Nature of Service)

WF2XZL

(Call Sign)

XT      FX MO

(Class of Station)

0274-EX-ML-2015

(File Number)

NAME Orbital ATK

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(b) of the Commission's Rules

Station Locations

- (1) Wallops Island, VA - NL 37-49-52; WL 75-29-28; MOBILE: Antares Launch Vehicle, ground testing, within 2 km
- (2) Wallops Island, VA - NL 37-49-52; WL 75-29-28; MOBILE: Antares launch vehicle, ground testing, within 2 km
- (3) Wallops Island, VA - NL 37-49-52; WL 75-29-28; MOBILE: Antares Launch Vehicle, ground testing, within 2 km

Frequency Information

Wallops Island, VA - NL 37-49-52; WL 75-29-28; MOBILE: Antares Launch Vehicle, ground testing, within 2 km

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 2241.5 MHz | MO            | 3M48F1D             | 2.3 W (ERP)      | 0.002 %                   |
| 2269.5 MHz | MO            | 5M80F1D             | 5.4 W (ERP)      | 0.002 %                   |

This authorization effective January 07, 2016 and  
will expire 3:00 A.M. EST January 01, 2017

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Wallops Island, VA - NL 37-49-52; WL 75-29-28; MOBILE: Antares launch vehicle, ground testing, within 2 km

| Frequency  | Station<br>Class | Emission<br>Designator | Authorized<br>Power | Frequency<br>Tolerance (+/-) |
|------------|------------------|------------------------|---------------------|------------------------------|
| 2288.5 MHz | MO               | 5M80F1D                | 4.8 W (ERP)         | 0.002 %                      |

Wallops Island, VA - NL 37-49-52; WL 75-29-28; MOBILE: Antares Launch Vehicle, ground testing, within 2 km

| Frequency | Station<br>Class | Emission<br>Designator | Authorized<br>Power | Frequency<br>Tolerance (+/-) |
|-----------|------------------|------------------------|---------------------|------------------------------|
| 5765 MHz  | MO               | 14M0P0N                | 108 W (ERP)         | 0.05 %                       |