

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

EXPERIMENTAL

(Nature of Service)

WL9XJQ

(Call Sign)

XT MO

(Class of Station)

0031-EX-TC-2018

(File Number)

NAME Orbital ATK, Inc.

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.

Station Locations

- (1) MOBILE: Florida: CCAFS, SLC-46, within 2 km, centered around NL 28-27-30; WL 80-31-42
- (2) MOBILE: Florida: CCAFS, SLC-46, within 2 km, centered around NL 28-27-30; WL 80-31-42
- (3) MOBILE: Florida: CCAFS, SLC-46, within 2 km, centered around NL 28-27-30; WL 80-31-42
- (4) MOBILE: Florida: CCAFS, SLC-46, within 2 km, centered around NL 28-27-30; WL 80-31-42

Frequency Information

MOBILE: Florida: CCAFS, SLC-46, within 2 km, centered around NL 28-27-30; WL 80-31-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2260.372-2260.628 MHz	MO	256KF1D	6.5 W (ERP)	0.002 %
2269.34-2271.66 MHz	MO	2M32F1D	6.6 W (ERP)	0.002 %

This authorization effective February 20, 2018 and
will expire 3:00 A.M. EST February 21, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Florida: CCAFS, SLC-46, within 2 km, centered around NL 28-27-30; WL 80-31-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2226.92-2228.08 MHz	MO	1M16F1D	9.1 W (ERP)	0.002 %

MOBILE: Florida: CCAFS, SLC-46, within 2 km, centered around NL 28-27-30; WL 80-31-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5758-5772 MHz	MO	14M0P0N	389.1 W (ERP)	2 %

MOBILE: Florida: CCAFS, SLC-46, within 2 km, centered around NL 28-27-30; WL 80-31-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2239.386-2241.614 MHz	MO	2M23F1D	11.9 W (ERP)	0.002 %
2284.062-2286.938 MHz	MO	2M87F1D	5.2 W (ERP)	0.002 %

Special Conditions:

- (1) Licensee shall avoid a launch date and time of 8/26/2017 at 06:53 UTC, there could be significant interference from the Minotaur IV launch vehicle 2240.5-MHz downlink to the BLOCK 5D-3 network (specifically the DMSP F-15) for about 3 minutes at Wallops Island.