

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WG2XPG

(Call Sign)

0050-EX-TC-2018

(File Number)

NAME Alliant Techsystems 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.

Operation: In accordance with Sec. 5.3(b) of the Commission's Rules

Station Locations

- (1) MOBILE: ORS-3 Launch Vehicle, Ground Testing, within 2 km, centered around NL 37-49-52; WL 75-29-29
- (2) MOBILE: ORS-3 Launch Vehicle, Ground Testing, within 2 km, centered around NL 37-49-52; WL 75-29-29

Frequency Information

MOBILE: ORS-3 Launch Vehicle, Ground Testing, within 2 km, centered around NL 37-49-52; WL 75-29-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2241.5 MHz	MO	3M48F1D	0.13 W (ERP)	0.002 %
2288.5 MHz	MO	3M48F1D	0.06 W (ERP)	0.002 %

This authorization effective February 16, 2018 and
will expire 3:00 A.M. EST April 11, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: ORS-3 Launch Vehicle, Ground Testing, within 2 km, centered around NL 37-49-52; WL 75-29-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5765 MHz	MO	14M0P0N	4 W (ERP)	2 %

Special Conditions:

- (1) ORS-3 LAUNCH VEHICLE, GROUND TESTING RANGE FREQUENCY SCHEDULING REQUIRED. CONTACT JACK VIEIRA, NASA WFF PM, 757-824-1384, AT LEAST 5 WORKING DAYS PRIOR TO ANTICIPATED USE.