

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WP2XVT

(Call Sign)

0731-EX-CN-2025

(File Number)

NAME General Atomics Aeronautical Systems, 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(j) of the Commission's Rules

Station Locations

- (1) MOBILE: El Mirage, CA, within 300 km, centered around NL 34-37-22; WL 117-35-58
- (2) MOBILE: Dugway, UT, within 300 km, centered around NL 40-11-11; WL 113-12-28
- (3) MOBILE: Ft Huachuca, AZ, within 300 km, centered around NL 31-33-19; WL 110-20-59
- (4) MOBILE: San Diego, CA, within 463 km, centered around NL 32-48-57; WL 117-08-22

Frequency Information

MOBILE: El Mirage, CA, within 300 km, centered around NL 34-37-22; WL 117-35-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.2 GHz	MO	1G00Q3N	460 kW (ERP)	0.0005 %

MOBILE: Dugway, UT, within 300 km, centered around NL 40-11-11; WL 113-12-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.2 GHz	MO	1G00Q3N	460 kW (ERP)	0.0005 %

This authorization effective July 27, 2026 and
will expire 3:00 A.M. ET August 01, 2028

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Ft Huachuca, AZ, within 300 km, centered around NL 31-33-19; WL 110-20-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.2 GHz	MO	1G00Q3N	460 kW (ERP)	0.0005 %

MOBILE: San Diego, CA, within 463 km, centered around NL 32-48-57; WL 117-08-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.2 GHz	MO	1G00Q3N	460 kW (ERP)	0.0005 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Notification of operations to NASA is required at least 3 days in advance with the NASA/GSFC spectrum office at NASA-DL-GSFC-SPECTRUM-MANAGEMENT@mail.nasa.gov.
- (4) Operation must follow the conditions below:
 - a) No transmit within 75 NM from N40-47-47, W111-59-08.
 - b) No transmit less than 9 NM from N32-44-01 W117-11-23 or N33-56-33 W118-24-29.
 - c) No transmit less than 7 NM from N33-56-33 W118-24-29 or N32-44-01 W117-11-23.
- (5) Stop buzzer POC: Chancie Pinkerton (858-239-5364) and Anna Malone (858-805-5543).