

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WJ2XVI

(Call Sign)

0660-EX-CR-2020

(File Number)

NAME General Dynamics

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(c) of the Commission's Rules

Station Locations

(1) Scottsdale (MARICOPA), AZ - NL 33-27-35; WL 111-54-06

Frequency Information

Scottsdale (MARICOPA), AZ - NL 33-27-35; WL 111-54-06

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 1575.42 MHz | FX            | 24M0G1D             | 20 pW (ERP)      | 0.0001 %                  |

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Army Contract No. W15P7T-06-D-E402. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (3) Stop buzzer is Dale Romney - (480) 441-5652 or Varun Dev - (480) 441- 3386.
- (4) Area of potential interference to GPS reception is under the control of licensee.
- (5) Licensee must post a sign on doors to the testing area stating GPS re-radiator in use and GPS information may be impacted for periods of time.

This authorization effective December 01, 2020 and  
will expire 3:00 A.M. EST December 01, 2022

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (6) Licensee has submitted calculations that predict that the installation will be at or below the limit specified in NTIA manual section 8.3.28 condition 6.
- (7) Operation on this 1575.42 MHz is subject to immediate cessation, if it causes harmful interference to GPS L1 operations at Phoenix, Sky Harbour Airport assignments.