

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI2XQI

(Call Sign)

0509-EX-CR-2018

(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(j) of the Commission's Rules

Station Locations

- (1) Scottsdale (MARICOPA), AZ - NL 33-27-34; WL 111-54-10
- (2) Scottsdale (MARICOPA), AZ - NL 33-27-34; WL 111-54-10
- (3) Phoenix, AZ - NL 33-13-12; WL 112-02-52
- (4) Phoenix (MARICOPA), AZ - NL 33-13-12; WL 112-02-52

Frequency Information

Scottsdale (MARICOPA), AZ - NL 33-27-34; WL 111-54-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3652.5-3697.5 MHz	FX	5M00W7W 10M0W7W 20M0W7W 40M0W7W	20 W (ERP)	0.0015 %

This authorization effective December 01, 2018 and
will expire 3:00 A.M. EST December 01, 2020

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Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

Special Conditions:

- (2) At least 5 business days prior to operating, General Dynamics, must notify licensees of earth stations operating in adjacent band above 3700 MHz within 40 kilometers of the locations from which experimental operations will occur. General Dynamics must also provide such notification to the National Spectrum Managers Association frequency coordinators by email. (see http://wireless.fcc.gov/services/index.htm?job=licensing_1&id=microwave). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna pattern, antenna height(s), antenna orientation, eirp density) and day and times of each test. Consult the IBFS database to identify licensed earth station above 3700 MHz band.
- (3) Licensee shall maintain operation separation from the grandfathered earth stations as defined in Part 90, Subpart Z, or coordinate an agreement with the grandfathered earth station licensees.
- (4) Licensee shall ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz, and notify the registered users in the area.