

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

EXPERIMENTAL

(Nature of Service)

WG2XDB

(Call Sign)

XT FX MO

(Class of Station)

0104-EX-RR-2014

(File Number)

NAME General Atomics Aeronautical Systems

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: Palmdale, CA, within 40 km, centered around NL 34-34-00; WL 117-41-00
- (2) MOBILE: Borrego Springs, CA, within 40 km, centered around NL 33-11-13; WL 116-04-19
- (3) San Diego (SAN DIEGO), CA; MOBILE: San Diego, CA, within 0.25 km, centered around NL 33-01-12; WL 117-05-46
- (4) San Diego (SAN DIEGO), CA; MOBILE: Montgomery Field airport, within 0.25 km, centered around NL 32-48-50; WL 117-08-34
- (5) MOBILE: Ocean near Oceanside, CA, within 10 km, centered around NL 33-13-01; WL 117-40-22
- (6) MOBILE: Walker Field, within 20 km, centered around NL 39-07-40; WL 108-32-12
- (7) Poway, CA; MOBILE: Poway, California, within 1 km, centered around NL 32-56-16; WL 117-01-18

Frequency Information

MOBILE: Palmdale, CA, within 40 km, centered around NL 34-34-00; WL 117-41-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.3-9.5 GHz	MO	XXX	224 kW (ERP)	0.0005 %

This authorization effective June 23, 2014 and
will expire 3:00 A.M. EST April 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Borrego Springs, CA, within 40 km, centered around NL 33-11-13; WL 116-04-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.3-9.5 GHz	MO	XXX	224 kW (ERP)	0.0005 %

San Diego (SAN DIEGO), CA; MOBILE: San Diego, CA, within 0.25 km, centered around NL 33-01-12; WL 117-05-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.3-9.5 GHz	FX	XXX	224 kW (ERP)	0.0005 %

San Diego (SAN DIEGO), CA; MOBILE: Montgomery Field airport, within 0.25 km, centered around NL 32-48-50; WL 117-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.3-9.5 GHz	FX	XXX	224 kW (ERP)	0.0005 %

MOBILE: Ocean near Oceanside, CA, within 10 km, centered around NL 33-13-01; WL 117-40-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.3-9.5 GHz	MO	31M8Q1N	224 kW (ERP)	0.0005 %

Frequency Information

MOBILE: Walker Field, within 20 km, centered around NL 39-07-40; WL 108-32-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.3-9.5 GHz	MO	XXX	224 kW (ERP)	0.0005 %

Poway, CA; MOBILE: Poway, California, within 1 km, centered around NL 32-56-16; WL 117-01-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9300-9500 MHz	FX	31M8Q1N	224000 W (ERP)	0.0005 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) General Atomics Aeronautical Systems must coordinate with the Western Area Frequency Coordinator (WAFC), Mr. J. Richardson, (760) 939-6948/6832 prior to the start of the data collection.
- (3) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) During transmission, aircraft shall not exceed altitude of 30,000 feet.
- (5) This license SUPERSEDES the previously issued license with the same call sign and file number: corrects parameters of Palmdale, CA location.