

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

EXPERIMENTAL
(Nature of Service)

WK2XUX
(Call Sign)

XT MO
(Class of Station)

0121-EX-CN-2020
(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: Southern CA, airborne max altitude 20000 ft, within 240 km, centered around NL 33-30-00; WL 116-30-00

Frequency Information

MOBILE: Southern CA, airborne max altitude 20000 ft, within 240 km, centered around NL 33-30-00; WL 116-30-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-18.24 GHz	MO	1G88Q3N	460 kW (ERP)	0.0005 %
16.4025-16.9975 GHz	MO	295MQ3N	460 kW (ERP)	0.0005 %
16.4025-17.62 GHz	MO	636MQ3N	460 kW (ERP)	0.0005 %
16.4025-17.62 GHz	MO	0G61Q3N	460 kW (ERP)	0.0005 %

This authorization effective May 13, 2020 and
will expire 3:00 A.M. EST May 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) 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.
- (2) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (4) Licensee is not authorized to operate in the 17.3-18.24 GHz frequency band.
- (5) During transmission, aircraft shall not exceed the max altitude 20000 feet.