

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WL2XAN

(Call Sign)

XT MO

(Class of Station)

1029-EX-ST-2021

(File Number)

NAME General Atomics Aeronautical Systems, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Testing experimental sensors placed on General Atomics Predator series UAS.

Station Locations

- (1) MOBILE: Laguna Army Air Field, Yuma Proving Ground, AZ: max altitude 20,000 feet AGL, within 25 km, centered around NL 33-08-26; WL 114-11-04

Frequency Information

MOBILE: Laguna Army Air Field, Yuma Proving Ground, AZ: max altitude 20,000 feet AGL, within 25 km, centered around NL 33-08-26; WL 114-11-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
925-960 MHz	MO	30K0GXW	40 W (ERP)	
1710-1880 MHz	MO	30K0GXW	40 W (ERP)	

Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.

This authorization effective July 27, 2021 and
will expire 3:00 A.M. EST January 27, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.
- (5) General Atomics Aeronautical Systems must notch out the following:
 - a. 1700 - 1710 MHz band to protect METSAT downlinks in the local area
- (6) All operations shall be coordinated and scheduled with the Department of Defense Area Frequency Coordinator State of Arizona (AFC-AZ) prior to operations.