

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WA8XIO

(Call Sign)

1559-EX-ST-2026

(File Number)

NAME MaXentric Technologies LLC

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:

The purpose of this operation is to evaluate the performance of a prototype software-defined radio communications link under representative operating conditions.

Station Locations

- (1) La Jolla (SAN DIEGO), CA - NL 32-50-30; WL 117-16-29
- (2) MOBILE: Airborne over Pacific Ocean, San Diego, CA, within 10 km, centered around
NL 32-50-30; WL 117-20-30

Frequency Information

La Jolla (SAN DIEGO), CA - NL 32-50-30; WL 117-16-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2068 MHz	FX	5M00G1D	7.3 W (ERP)	0.00005 %

This authorization effective August 21, 2026 and
will expire 3:00 A.M. ET February 02, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Airborne over Pacific Ocean, San Diego, CA, within 10 km, centered around NL 32-50-30; WL 117-20-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2068 MHz	MO	5M00G1D	3.8 W (ERP)	0.00005 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number:
- (3) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/resources/frequency-coordination/> to find the appropriate coordinator.
- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (5) Stop Buzzer Point of Contact: Paul Theilmann, 858-848-0273