

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WS9XMO

(Call Sign)

1248-EX-ST-2021

(File Number)

NAME Xona Space Systems

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:

Please see Exhibit 1.

Station Locations

- (1) San Mateo (SAN MATEO), CA - NL 37-33-18; WL 122-18-41
- (2) San Mateo (SAN MATEO), CA - NL 37-33-32; WL 122-18-14
- (3) San Mateo (SAN MATEO), CA - NL 37-33-18; WL 122-18-41
- (4) San Mateo (SAN MATEO), CA - NL 37-33-32; WL 122-18-14
- (5) San Mateo (SAN MATEO), CA - NL 37-33-18; WL 122-18-41
- (6) San Mateo (SAN MATEO), CA - NL 37-33-32; WL 122-18-14

Frequency Information

San Mateo (SAN MATEO), CA - NL 37-33-18; WL 122-18-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.725-5.875 GHz	FX	20M0G1D	2.4 W (ERP)	

This authorization effective August 19, 2021 and
will expire 3:00 A.M. EST February 18, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Mateo (SAN MATEO), CA - NL 37-33-32; WL 122-18-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.725-5.875 GHz	FX	20M0G1D	2.4 W (ERP)	

San Mateo (SAN MATEO), CA - NL 37-33-18; WL 122-18-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	20M0G1D	0.2 W (ERP)	

San Mateo (SAN MATEO), CA - NL 37-33-32; WL 122-18-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	20M0G1D	0.2 W (ERP)	

San Mateo (SAN MATEO), CA - NL 37-33-18; WL 122-18-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.5 GHz	FX	20M0G1D	0.19 W (ERP)	
5.725-5.875 GHz	FX	20M0G1D	0.19 W (ERP)	

Frequency Information

San Mateo (SAN MATEO), CA - NL 37-33-32; WL 122-18-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.5 GHz	FX	20M0G1D	0.19 W (ERP)	
5.725-5.875 GHz	FX	20M0G1D	0.19 W (ERP)	

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) Prior to commencing any operations in the frequencies below, the experimental licensee must obtain consent from the following within 50 miles of the contours of the testing area:
 - a. Location & Monitoring Service licensees (902-928 MHz)
- (3) NTIA noting the band 5850-5875 MHz, IAW NG 160, the use of the non-Federal mobile service is limited to Dedicated Short Range.
- (4) Experimental licensee must secure consents from the Broadband Radio Service licensees in each corresponding proposed area prior to accessing to the frequency range from 2496 MHz to 2500 MHz.
- (5) Experimental licensee must coordinate with the local Society of Broadcast Engineers frequency coordinator in each proposed area prior to operation in the frequency range from 2450 MHz to 2500 MHz.
- (6) Experimental licensee must coordinate with Fixed Microwave Service licensees in each corresponding proposed venue in accordance with 47 C.F.R, Part 101.103(d) prior to operation in the frequency range from 2450 MHz to 2500 MHz.