

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

EXPERIMENTAL

(Nature of Service)

WO9XIA

(Call Sign)

XT FX MO

(Class of Station)

0560-EX-ST-2019

(File Number)

NAME Higher Ground 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:

Higher Ground will test and develop algorithms and techniques that can be employed in radar systems operating in the 24.45-24.65 GHz band.

Station Locations

- (1) Mountain View (SANTA CLARA), CA - NL 37-24-22; WL 122-03-25; MOBILE: , within 4 km

Frequency Information

Mountain View (SANTA CLARA), CA - NL 37-24-22; WL 122-03-25; MOBILE: , within 4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.45-24.65 GHz	MO	200MF0N 50M0F0N	30 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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective April 15, 2019 and
will expire 3:00 A.M. EST October 12, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Higher Ground LLC must be aware that the frequency band 24.45-24.65 GHz is allocated for radionavigation purposes. Therefore, the experimental stations on this grant shall only be used for Detect and Avoid operations. It shall not be used for radiolocation purposes such as UAS detection for security perimeters, drone interdiction or counter-UAS purposes, which are incompatible with DAA operations in the same band.