

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

EXPERIMENTAL

(Nature of Service)

WL2XGF

(Call Sign)

XT MO

(Class of Station)

0766-EX-CN-2020

(File Number)

NAME Red Six Aerospace, 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: Above Camarillo Airport, Camarillo, CA, within 20 km, centered around NL 34-13-04; WL 119-06-46

Frequency Information

MOBILE: Above Camarillo Airport, Camarillo, CA, within 20 km, centered around NL 34-13-04; WL 119-06-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2280 MHz	MO	20M0D7W	13 W (ERP)	0.002 %

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) 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.
- (3) All operations are on a strict non-interference basis to authorized federal users, and must protect federal earth station operations listed in NTIA Manual 8.3.15.
- (4) Red Six Aerospace, Inc. shall have no expectations that future requests for long duration, multiple location, or operational use of this frequency band will be approved. And Red Six Aerospace, Inc. should ensure that any future operational use of this equipment be conducted in appropriately allocated frequency bands.
- (5) Operations must protect NASA earth stations.

This authorization effective March 22, 2021 and
will expire 3:00 A.M. EST April 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (6) During transmission, aircraft shall not exceed the altitude of 6000 ft AGL.
- (7) This assignment is on a noninterference basis to the operations of NASA LGB, CA(334912N1180900W), NASA BERK, CA(375248N1221438W), NASA ARC, CA(372541N1220400W) on the same or adjacent channel and no protection can be afforded by that agency.