

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

EXPERIMENTAL

(Nature of Service)

WL9XNZ

(Call Sign)

XT FX MO

(Class of Station)

0008-EX-TC-2019

(File Number)

NAME Aviation Communication and Surveillance Systems (ACSS)

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.

Station Locations

- (1) Phoenix (MARICOPA), AZ - NL 33-41-12; WL 112-05-47; MOBILE: Deer Valley Airport (DVT). Max alt 10000 ft AGL., within 150 km, centered around NL 33-41-12; WL 112-05-47

Frequency Information

Phoenix (MARICOPA), AZ - NL 33-41-12; WL 112-05-47; MOBILE: Deer Valley Airport (DVT). Max alt 10000 ft AGL., within 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.4-15.7 GHz	MO	300MF0N	6 W (ERP)	0.000094 %

Special Conditions:

- (1) Coordination with DoD AFC AZ, (520) 538-6423 is required prior to intended use, and use is not assured for any time period due to scheduled or ongoing Yuma Proving Ground testing.
- (2) Aviation Communication and Surveillance Systems (ACSS) acknowledges that this radar will not be used for air traffic control purposes of aircraft separation.
- (3) Applicant should be aware that the band 15.4-15.7 GHz is allocated for federal radiolocation and aeronautical radionavigation services, and it should have no expectations of automatic approval in this band in future submissions.
- (4) Testing is limited to small UAS only. Please provide details to the FAA POC; Mr. Rodney Murphy, at rodney.murphy@faa.gov.

This authorization effective April 25, 2019 and
will expire 3:00 A.M. EST August 01, 2019

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COMMUNICATIONS
COMMISSION**

