

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

EXPERIMENTAL

(Nature of Service)

WK2XTD

(Call Sign)

XT FX MO

(Class of Station)

1064-EX-CN-2019

(File Number)

NAME University of Arizona Electrical and Computer Engineering

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) Tucson (PIMA), AZ - NL 32-14-09; WL 110-57-08; MOBILE: Move in the vicinity of the intersection, within 1 km, centered around NL 32-14-09; WL 110-57-08
- (2) Tucson (PIMA), AZ - NL 32-14-09; WL 110-56-53; MOBILE: Move in the vicinity of the intersection, within 1 km, centered around NL 32-14-09; WL 110-56-53
- (3) Tucson (PIMA), AZ - NL 32-14-09; WL 110-56-38; MOBILE: Move in the vicinity of the intersection, within 1 km, centered around NL 32-14-09; WL 110-56-38
- (4) Tucson (PIMA), AZ - NL 32-17-07; WL 110-57-12; MOBILE: Inside ECE building and parking lot, within 1 km, centered around NL 32-17-07; WL 110-57-12

Frequency Information

Tucson (PIMA), AZ - NL 32-14-09; WL 110-57-08; MOBILE: Move in the vicinity of the intersection, within 1 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.25-24.45 GHz	MO	200MD7W	10 W (ERP)	
24.75-25.25 GHz	MO	200MD7W	10 W (ERP)	

This authorization effective February 26, 2020 and
will expire 3:00 A.M. EST March 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	MO	200MD7W	10 W (ERP)	

Tucson (PIMA), AZ - NL 32-14-09; WL 110-56-53; MOBILE: Move in the vicinity of the intersection, within 1 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.25-24.45 GHz	MO	200MD7W	10 W (ERP)	
24.75-25.25 GHz	MO	200MD7W	10 W (ERP)	
27.5-28.35 GHz	MO	200MD7W	10 W (ERP)	

Tucson (PIMA), AZ - NL 32-14-09; WL 110-56-38; MOBILE: Move in the vicinity of the intersection, within 1 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.25-24.45 GHz	MO	200MD7W	10 W (ERP)	
24.75-25.25 GHz	MO	200MD7W	10 W (ERP)	
27.5-28.35 GHz	MO	200MD7W	10 W (ERP)	

Frequency Information

Tucson (PIMA), AZ - NL 32-17-07; WL 110-57-12; MOBILE: Inside ECE building and parking lot, within 1 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.25-24.45 GHz	MO	200MD7W	10 W (ERP)	
24.75-25.25 GHz	MO	200MD7W	10 W (ERP)	
27.5-28.35 GHz	MO	200MD7W	10 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.
- (3) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (4) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.