

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

EXPERIMENTAL
(Nature of Service)

XT FX MO
(Class of Station)

WK2XHU
(Call Sign)

0322-EX-CN-2019
(File Number)

NAME Southwest Research Institute

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) San Antonio (BEXAR), TX - NL 29-26-29; WL 98-37-56; MOBILE: , within 7 km, centered around NL 29-26-29; WL 98-37-56
- (2) Castroville (MEDINA), TX - NL 29-21-01; WL 98-56-17; MOBILE: Highway 90 Between Castroville and Dunlay, within 5 km, centered around NL 29-21-01; WL 98-56-17

Frequency Information

San Antonio (BEXAR), TX - NL 29-26-29; WL 98-37-56; MOBILE: , within 7 km, centered around NL 29-26-29; WL 98-37-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.725-5.825 GHz	MO	10M0D7W 20M0D7W	4 W (ERP)	
5.725-5.825 GHz	FX	10M0D7W 20M0D7W	4 W (ERP)	
5.855-5.925 GHz	MO	10M0D7W 20M0D7W	4 W (ERP)	

This authorization effective July 18, 2019 and
will expire 3:00 A.M. EST August 01, 2024

FEDERAL
COMMUNICATIONS
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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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Stop buzzer in the event any interference occurs is Mr. Purser Sturgeon.
Phone: (210) 522-3924; Email: psturgeon@swri.org