

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

EXPERIMENTAL

(Nature of Service)

WJ2XJB

(Call Sign)

XT FX MO

(Class of Station)

0028-EX-CR-2020

(File Number)

NAME AT&T Services, 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: Dallas, TX, within 0.1 km, centered around NL 32-46-46; WL 96-47-56
- (2) Dallas (DALLAS), TX - NL 32-46-46; WL 96-47-56

Frequency Information

MOBILE: Dallas, TX, within 0.1 km, centered around NL 32-46-46; WL 96-47-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27500-28350 MHz	MO	800MWXW	2.512 W (ERP)	0.001 %
37000-40000 MHz	MO	800MW7W	5.0119 W (ERP)	0.001 %

This authorization effective April 01, 2020 and
will expire 3:00 A.M. EST April 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Dallas (DALLAS), TX - NL 32-46-46; WL 96-47-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27500-28350 MHz	FX	800MWXW	6.31 W (ERP)	0.001 %
37000-40000 MHz	FX	800MW7W	12.589 W (ERP)	0.001 %

Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (2) 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) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) Licensee must avoid pointing the transmitting antenna main beam gain within 10 degrees of any point on the geostationary orbital arc while transmitting signals in the 27.5-28.35 GHz and 37-40 GHz bands.
- (6) Licensee shall ensure that the transmitting fixed station antenna(s) main beam gain tip down when possible and avoid pointing above the horizon to protect satellite stations.
- (7) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (8) No automatic renewal for operations in the 27.5-28.35 GHz and 37-40 GHz bands.