

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

EXPERIMENTAL

(Nature of Service)

WK2XLY

(Call Sign)

XT      FX MO

(Class of Station)

0698-EX-CN-2019

(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(a) of the Commission's Rules

Station Locations

- (1) Statewide, OH; MOBILE: Within 10 kilometers of base
- (2) Statewide, TN; MOBILE: Within 10 kilometer radius of base

Frequency Information

Statewide, OH; MOBILE: Within 10 kilometers of base

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3650-3700 MHz | FX            | 50M0W7W             | 121.6 W (ERP)    | 0.001 %                   |
| 3650-3700 MHz | MO            | 50M0W7W             | 6.1 W (ERP)      | 0.001 %                   |

This authorization effective September 15, 2019 and  
will expire 3:00 A.M. EST June 14, 2020

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Statewide, TN; MOBILE: Within 10 kilometer radius of base

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3650-3700 MHz | FX            | 50M0W7W             | 121.6 W (ERP)    | 0.001 %                   |
| 3650-3700 MHz | MO            | 50M0W7W             | 6.1 W (ERP)      | 0.001 %                   |

## Special Conditions:

- (1) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (2) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (3) Licensee is required to ensure that trial devices are either rendered inoperable or retrieved by them from trial participants at the conclusion of the trial. Licensee is required to notify trial participants in advance that operation of the trial device is subject to this condition.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) 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.
- (6) AT&T Services, Inc. shall be aware that FSS earth stations are licensed above 3700 MHz and if any interference occurs, the experimental licensee of this authorization will be subject to immediate shut down.
- (7) AT&T Services, Inc. shall maintain operation separation from the grandfathered earth stations as defined in Part 90, Sub-part Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3650-3700 MHz band.
- (8) AT&T Services, Inc. shall consult the ULS database to ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band, and notify the registered users in the proposed geographic areas prior to operation in this band.
- (9) Non-approved equipment must be labeled.
- (10) Non-approved equipment must be retrieved.