

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

EXPERIMENTAL

(Nature of Service)

WL2XYJ

(Call Sign)

XT      FX MO

(Class of Station)

0583-EX-CN-2021

(File Number)

NAME Cellco Partnership

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) Jackson (JACKSON), SD - NL 43-51-48; WL 101-53-55; MOBILE: within 30 km of base station, within 30 km, centered around NL 43-51-48; WL 101-53-55
- (2) Jackson (JACKSON), SD - NL 43-51-48; WL 101-53-55; MOBILE: within 30 km of base station, within 30 km, centered around NL 43-51-48; WL 101-53-55

Frequency Information

Jackson (JACKSON), SD - NL 43-51-48; WL 101-53-55; MOBILE: within 30 km of base station, within 30 km, centered around

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3700-3900 MHz | FX            | 100MG7W             | 68400 W (ERP)    | 0.1 %                     |
| 3700-3900 MHz | MO            | 100MG7W             | 1 W (ERP)        | 0.1 %                     |

This authorization effective August 26, 2021 and  
will expire 3:00 A.M. EST June 01, 2022

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Jackson (JACKSON), SD - NL 43-51-48; WL 101-53-55; MOBILE: within 30 km of base station, within 30 km, centered around

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3700-3900 MHz | FX            | 100MG7W             | 68400 W (ERP)    | 0.1 %                     |
| 3700-3900 MHz | MO            | 100MG7W             | 1 W (ERP)        | 0.1 %                     |

## Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) With respect to operations in the 3700-3900 MHz band, Cellco Partnership must avoid causing interference to the existing Fixed Service operators and FSS earth stations in the band. For applicant's reference, a list of registered incumbent FSS earth stations in the band can be found at the following link:  
<https://docs.fcc.gov/public/attachments/DA-20-823A2.xls>
- (4) Cellco Partnership must successfully coordinate with Fixed Microwave Service licensees in each proposed area in accordance with 47 C.F.R, Part 101.103(d) prior to commencing experimental operations.