

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WR9XCP

(Call Sign)

XT FX MO

(Class of Station)

1485-EX-ST-2020

(File Number)

NAME United States Cellular Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

See Exhibit 1

Station Locations

- (1) Delavan (WALWORTH), WI - NL 42-37-53; WL 88-37-51; MOBILE: within 6 km radius of centerpoint coordinates, within 6 km, centered around NL 42-37-53; WL 88-37-51
- (2) Belvidere, IL - NL 42-15-02; WL 88-51-38; MOBILE: within 6 km radius of centerpoint coordinates, within 6 km, centered around NL 42-15-02; WL 88-51-38

Frequency Information

Delavan (WALWORTH), WI - NL 42-37-53; WL 88-37-51; MOBILE: within 6 km radius of centerpoint coordinates, within 6 km.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	MO	100MW9W	1 W (ERP)	0.1 %
3.7-3.8 GHz	FX	100MW9W	30.56 kW (ERP)	0.1 %

This authorization effective October 16, 2020 and
will expire 3:00 A.M. EST April 15, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Belvidere, IL - NL 42-15-02; WL 88-51-38; MOBILE: within 6 km radius of centerpoint coordinates, within 6 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	MO		1 W (ERP)	0.1 %
3.7-3.8 GHz	FX		47.5 kW (ERP)	0.1 %

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) United States Cellular Corporation must coordinate with the incumbent Fixed Microwave licensee(s) to avoid interference in the 3700-3800 MHz band in each corresponding proposed venue prior to conducting the testing.
- (4) Licensee 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
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (6) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (7) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.