

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

EXPERIMENTAL

(Nature of Service)

WK2XWK

(Call Sign)

XT FX MO

(Class of Station)

0949-EX-CN-2019

(File Number)

NAME Deere & Company

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) Moline (ROCK ISLAND), IL - NL 41-28-35; WL 90-25-32; MOBILE: , within 20 km, centered around NL 41-28-35; WL 90-25-32
- (2) Bondurant (POLK), IA - NL 41-45-50; WL 93-29-01; MOBILE: , within 20 km
- (3) Davenport (SCOTT), IA - NL 41-36-08; WL 90-33-05; MOBILE: , within 20 km
- (4) Coal Valley (ROCK ISLAND), IL - NL 41-25-02; WL 90-27-55; MOBILE: , within 20 km
- (5) Moline (ROCK ISLAND), IL - NL 41-30-29; WL 90-31-34; MOBILE: , within 20 km
- (6) Moline (ROCK ISLAND), IL - NL 41-31-36; WL 90-26-10; MOBILE: , within 20 km

Frequency Information

Moline (ROCK ISLAND), IL - NL 41-28-35; WL 90-25-32; MOBILE: , within 20 km, centered around NL 41-28-35; WL 90-25-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W 5M00W7W	48.55 W (ERP)	0.00001 %
3550-3700 MHz	MO	10M0W7W 20M0W7W	0.38 W (ERP)	0.00001 %

This authorization effective April 01, 2020 and
will expire 3:00 A.M. EST April 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Moline (ROCK ISLAND), IL - NL 41-28-35; WL 90-25-32; MOBILE: , within 20 km, centered around NL 41-28-35; WL 90-25-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	MO	5M00W7W	0.38 W (ERP)	0.00001 %
3550-3700 MHz	FX	10M0W7W 20M0W7W 5M00W7W	0.61 W (ERP)	0.00001 %

Bondurant (POLK), IA - NL 41-45-50; WL 93-29-01; MOBILE: , within 20 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W 5M00W7W	48.55 W (ERP)	0.00001 %
3550-3700 MHz	MO	10M0W7W 20M0W7W 5M00W7W	0.38 W (ERP)	0.00001 %
3550-3700 MHz	FX	10M0W7W 20M0W7W 5M00W7W	0.61 W (ERP)	0.00001 %

Frequency Information

Davenport (SCOTT), IA - NL 41-36-08; WL 90-33-05; MOBILE: , within 20 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W 5M00W7W	48.55 W (ERP)	0.00001 %
3550-3700 MHz	FX	10M0W7W 20M0W7W 5M00W7W	0.61 W (ERP)	0.00001 %
3550-3700 MHz	MO	10M0W7W 20M0W7W 5M00W7W	0.38 W (ERP)	0.00001 %

Coal Valley (ROCK ISLAND), IL - NL 41-25-02; WL 90-27-55; MOBILE: , within 20 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W 5M00W7W	48.55 W (ERP)	0.00001 %
3550-3700 MHz	MO	10M0W7W 20M0W7W 5M00W7W	0.38 W (ERP)	0.00001 %
3550-3700 MHz	FX	10M0W7W 20M0W7W	0.61 W (ERP)	0.00001 %

Frequency Information

Coal Valley (ROCK ISLAND), IL - NL 41-25-02; WL 90-27-55; MOBILE: , within 20 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	5M00W7W	0.61 W (ERP)	0.00001 %

Moline (ROCK ISLAND), IL - NL 41-30-29; WL 90-31-34; MOBILE: , within 20 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W 5M00W7W	48.55 W (ERP)	0.00001 %
3550-3700 MHz	MO	10M0W7W 20M0W7W 5M00W7W	0.38 W (ERP)	0.00001 %
3550-3700 MHz	FX	10M0W7W 20M0W7W 5M00W7W	0.61 W (ERP)	0.00001 %

Moline (ROCK ISLAND), IL - NL 41-31-36; WL 90-26-10; MOBILE: , within 20 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0W7W 20M0W7W 5M00W7W	48.55 W (ERP)	0.00001 %

Frequency Information

Moline (ROCK ISLAND), IL - NL 41-31-36; WL 90-26-10; MOBILE: , within 20 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	MO	10M0W7W 20M0W7W 5M00W7W	0.38 W (ERP)	0.00001 %
3550-3700 MHz	FX	10M0W7W 20M0W7W 5M00W7W	0.61 W (ERP)	0.00001 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Licensee must 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 3550-3700 MHz band.
- (3) Licensee 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 and notify the registered users in the proposed area.
- (4) Licensee shall be aware that FSS earth stations are licensed above 3625 MHz and if any interference occurs, the experimental licensee of this authorization will be subject to immediate shut down.