

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

EXPERIMENTAL
(Nature of Service)

WL2XGD
(Call Sign)

XT FX
(Class of Station)

0742-EX-CN-2020
(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) US, US

Frequency Information

US, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-716 MHz	MO	10M0D7W 10M0G7D 10M0G7W 10M0W7D	230 mW (ERP)	
824-849 MHz	FX	10M0D7W 10M0G7D 10M0G7W 10M0W7D 5M00F9W 5M00G7W	1 W (ERP)	

This authorization effective October 14, 2020 and
will expire 3:00 A.M. EST October 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

US, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	FX	20M0D7W 20M0G7D 20M0G7W 20M0W7D 5M00F9W 5M00G7W	200 mW (ERP)	
1850-1910 MHz	FX	5M00F9W 5M00G7W 20M0D7W 20M0G7D 20M0G7W 20M0W7D	1 W (ERP)	
2400-2483.5 MHz	FX	20M0D1D	150 mW (ERP)	
2400-2483.5 MHz	MO	20M0D1D	63 mW (ERP)	

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) Deere & Company shall secure consents from the Advanced Wireless Service licensees prior to accessing to 1710-1755 MHz band.
- (4) Deere & Company shall coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 2450-2483.5 MHz band.
- (5) Deere & Company shall coordinate with the Fixed Microwave Service licensees prior to operation in 2450-2483.5 MHz band

Special Conditions:

- (6) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
- 700 MHz Lower Band "B" block licensees (704-710 MHz/734-740 MHz)
 - 700 MHz Lower Band "C" block licensees (710-716 MHz/740-746 MHz)
 - Cellular licensees (824-849 MHz/869-894 MHz)
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)