

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

EXPERIMENTAL

(Nature of Service)

WS9XIE

(Call Sign)

XT MO

(Class of Station)

1034-EX-ST-2021

(File Number)

NAME Caterpillar Inc.

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:

Field testing C-V2X communications, following FCC DSRC/C-V2X Ruling

Station Locations

- (1) MOBILE: Mossville (PEORIA), IL, within 10 km, centered around NL 40-50-54; WL 89-33-45
- (2) MOBILE: Green Valley (PIMA), AZ (Tucson Proving Grounds), within 10 km, centered around NL 31-49-24; WL 111-08-05
- (3) MOBILE: Washington (TAZEWELL), IL (Peoria Proving Grounds), within 10 km, centered around NL 40-43-58; WL 89-28-02

Frequency Information

MOBILE: Mossville (PEORIA), IL, within 10 km, centered around NL 40-50-54; WL 89-33-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5905-5925 MHz	MO	20M0W7W	200 mW (ERP)	0.001 %

This authorization effective July 13, 2021 and
will expire 3:00 A.M. EST January 13, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



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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.