

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

EXPERIMENTAL

(Nature of Service)

WO9XGW

(Call Sign)

XT FX MO

(Class of Station)

0453-EX-ST-2019

(File Number)

NAME T-Mobile License LLC

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:

The purpose of the proposed testing is to better understand the propagation characteristics of the 2.5 GHz band allocated to the Broadband Radio Service and to test 5G New Radio features.

Station Locations

- (1) Fredrickson (PIERCE), WA - NL 47-04-56; WL 122-17-58; MOBILE: , within 5 km, centered around NL 47-04-56; WL 122-17-58
- (2) Fredrickson (PIERCE), WA - NL 47-03-18; WL 122-21-36; MOBILE: , within 5 km, centered around NL 47-03-18; WL 122-21-36
- (3) North Ogden (WEBER), UT - NL 41-19-11; WL 112-00-00; MOBILE: , within 5 km, centered around NL 41-19-11; WL 112-00-00
- (4) North Ogden (WEBER), UT - NL 41-20-06; WL 112-02-21; MOBILE: , within 5 km, centered around NL 41-20-06; WL 112-02-21
- (5) North Ogden (WEBER), UT - NL 41-18-03; WL 112-04-52; MOBILE: , within 5 km, centered around NL 41-18-03; WL 112-04-52

Frequency Information

Fredrickson (PIERCE), WA - NL 47-04-56; WL 122-17-58; MOBILE: , within 5 km, centered around NL 47-04-56; WL 122-17-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2670 MHz	FX	100MF9W	7400 W (ERP)	0.0001 %

This authorization effective April 08, 2019 and
will expire 3:00 A.M. EST October 02, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Fredrickson (PIERCE), WA - NL 47-04-56; WL 122-17-58; MOBILE: , within 5 km, centered around NL 47-04-56; WL 122-17-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2670 MHz	FX	100MW7D	7400 W (ERP)	0.0001 %
2500-2670 MHz	MO	20M0F9W 20M0W7D	1 W (ERP)	0.0001 %

Fredrickson (PIERCE), WA - NL 47-03-18; WL 122-21-36; MOBILE: , within 5 km, centered around NL 47-03-18; WL 122-21-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2670 MHz	FX	100MF9W 100MW7D	7400 W (ERP)	0.00001 %
2500-2670 MHz	MO	20M0F9W 20M0W7D	1 W (ERP)	0.0001 %

North Ogden (WEBER), UT - NL 41-19-11; WL 112-00-00; MOBILE: , within 5 km, centered around NL 41-19-11; WL 112-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2670 MHz	FX	100MF9W 100MW7D	7400 W (ERP)	0.0001 %
2500-2670 MHz	MO	20M0W7D 20M0F9W	1 W (ERP)	0.0001 %

Frequency Information

North Ogden (WEBER), UT - NL 41-20-06; WL 112-02-21; MOBILE: , within 5 km, centered around NL 41-20-06; WL 112-02-:

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2670 MHz	FX	100MF9W 100MW7D	7400 W (ERP)	0.0001 %
2500-2670 MHz	MO	20M0F9W 20M0W7D	1 W (ERP)	0.0001 %

North Ogden (WEBER), UT - NL 41-18-03; WL 112-04-52; MOBILE: , within 5 km, centered around NL 41-18-03; WL 112-04-:

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2670 MHz	FX	100MF9W 100MW7D	7400 W (ERP)	0.00001 %
2500-2670 MHz	MO	20M0W7D 20M0F9W	1 W (ERP)	0.0001 %

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) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (4) Operation is not permitted using the frequency band 2670-2690 MHz in order to protect Air Traffic operations.