

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

EXPERIMENTAL
(Nature of Service)

WL2XDE
(Call Sign)

XT FX MO
(Class of Station)

0605-EX-CN-2020
(File Number)

NAME T-Mobile License LLC

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(h) of the Commission's Rules

Station Locations

- (1) Houston, TX - NL 29-41-19; WL 95-22-47; MOBILE: , within 10 km, centered around NL 29-41-19; WL 95-22-47
- (2) Phoenix, AZ - NL 33-28-20; WL 112-12-53; MOBILE: , within 8 km, centered around NL 33-28-20; WL 112-12-53
- (3) Belleview, WA - NL 47-34-43; WL 122-09-55; MOBILE: , within 3 km, centered around NL 47-34-43; WL 122-09-55
- (4) Brooklyn, NY - NL 40-40-53; WL 73-53-07; MOBILE: , within 5 km, centered around NL 40-40-53; WL 73-53-07
- (5) Bronx, NY - NL 40-50-11; WL 73-54-56; MOBILE: , within 6 km, centered around NL 40-50-11; WL 73-54-56
- (6) Las Vegas, NV - NL 36-09-45; WL 115-10-08; MOBILE: , within 6 km, centered around NL 36-09-45; WL 115-10-08

Frequency Information

Houston, TX - NL 29-41-19; WL 95-22-47; MOBILE: , within 10 km, centered around NL 29-41-19; WL 95-22-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	MO	100MW7D	1 W (ERP)	0.0001 %

This authorization effective August 31, 2020 and will expire 3:00 A.M. EST September 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MW7D	200 W (ERP)	0.0001 %

Phoenix, AZ - NL 33-28-20; WL 112-12-53; MOBILE: , within 8 km, centered around NL 33-28-20; WL 112-12-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MW7D	200 W (ERP)	0.0001 %
3700-3800 MHz	MO	100MW7D	1 W (ERP)	0.0001 %

Belleview, WA - NL 47-34-43; WL 122-09-55; MOBILE: , within 3 km, centered around NL 47-34-43; WL 122-09-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MW7D	200 W (ERP)	0.0001 %
3700-3800 MHz	MO	100MW7D	1 W (ERP)	0.0001 %

Brooklyn, NY - NL 40-40-53; WL 73-53-07; MOBILE: , within 5 km, centered around NL 40-40-53; WL 73-53-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MW7D	200 W (ERP)	0.0001 %

Frequency Information

Brooklyn, NY - NL 40-40-53; WL 73-53-07; MOBILE: , within 5 km, centered around NL 40-40-53; WL 73-53-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	MO	100MW7D	1 W (ERP)	0.0001 %

Bronx, NY - NL 40-50-11; WL 73-54-56; MOBILE: , within 6 km, centered around NL 40-50-11; WL 73-54-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MW7D	200 W (ERP)	0.0001 %
3700-3800 MHz	MO	100MW7D	1 W (ERP)	0.0001 %

Las Vegas, NV - NL 36-09-45; WL 115-10-08; MOBILE: , within 6 km, centered around NL 36-09-45; WL 115-10-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	MO	100MW7D	1 W (ERP)	0.0001 %
3700-3800 MHz	FX	100MW7D	200 W (ERP)	0.0001 %

Special Conditions:

- (1) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (2) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.

Special Conditions:

- (5) Stop buzzer, Chris Wieczorek at 202-654-5913.
- (6) With respect to operations in 3700-3800 MHz band, the applicant should be made aware that they must avoid causing interference to existing Fixed Service operators and FSS earth stations in the band.
- (7) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (8) 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.
- (9) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (10) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (11) The applicant must coordinate with the Fixed Microwave Service licensees in each proposed area in accordance with 47 C.F.R, Part 101.103(d) prior to operation in the requested bands.