

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

EXPERIMENTAL

(Nature of Service)

WL2XAO

(Call Sign)

XT FX MO

(Class of Station)

0257-EX-CM-2020

(File Number)

NAME Cellco Partnership

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) Basking Ridge (SOMERSET), NJ - NL 40-43-32; WL 74-32-01; MOBILE: , within 0.48 km, centered around NL 40-43-32; WL 74-32-01
- (2) Westlake (TARRANT), TX - NL 32-59-01; WL 97-10-31; MOBILE: , within 0.48 km, centered around NL 32-59-01; WL 97-10-31
- (3) Williamston (INGHAM), MI - NL 42-41-58; WL 84-20-33; MOBILE: , within 1.6 km, centered around NL 42-41-58; WL 84-20-33
- (4) Okemos (INGHAM), MI - NL 42-41-00; WL 84-22-38; MOBILE: , within 1.6 km, centered around NL 42-41-00; WL 84-22-38
- (5) Jenison (OTTAWA), MI - NL 42-56-11; WL 85-49-35; MOBILE: , within 1.6 km, centered around NL 42-56-11; WL 85-49-35
- (6) Hudsonville (OTTAWA), MI - NL 42-54-29; WL 85-52-07; MOBILE: , within 1.6 km, centered around NL 42-54-29; WL 85-52-07
- (7) Ada (KENT), MI - NL 42-56-54; WL 85-27-28; MOBILE: , within 1.6 km, centered around NL 42-56-54; WL 85-27-28
- (8) Lowell (KENT), MI - NL 42-58-55; WL 85-25-24; MOBILE: , within 1.6 km, centered around NL 42-58-55; WL 85-25-24
- (9) Sunnyvale (SANTA CLARA), CA - NL 37-23-19; WL 122-02-12; MOBILE: , within 1.6 km, centered around NL 37-23-19; WL 122-02-12

This authorization effective December 22, 2020 and
will expire 3:00 A.M. EST June 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Basking Ridge (SOMERSET), NJ - NL 40-43-32; WL 74-32-01; MOBILE: , within 0.48 km, centered around NL 40-43-32; WL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	5000 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Westlake (TARRANT), TX - NL 32-59-01; WL 97-10-31; MOBILE: , within 0.48 km, centered around NL 32-59-01; WL 97-10-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	5000 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Williamston (INGHAM), MI - NL 42-41-58; WL 84-20-33; MOBILE: , within 1.6 km, centered around NL 42-41-58; WL 84-20-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	5000 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Frequency Information

Okemos (INGHAM), MI - NL 42-41-00; WL 84-22-38; MOBILE: , within 1.6 km, centered around NL 42-41-00; WL 84-22-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	5000 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Jenison (OTTAWA), MI - NL 42-56-11; WL 85-49-35; MOBILE: , within 1.6 km, centered around NL 42-56-11; WL 85-49-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	5000 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Hudsonville (OTTAWA), MI - NL 42-54-29; WL 85-52-07; MOBILE: , within 1.6 km, centered around NL 42-54-29; WL 85-52-0

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	5000 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Frequency Information

Ada (KENT), MI - NL 42-56-54; WL 85-27-28; MOBILE: , within 1.6 km, centered around NL 42-56-54; WL 85-27-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	5000 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Lowell (KENT), MI - NL 42-58-55; WL 85-25-24; MOBILE: , within 1.6 km, centered around NL 42-58-55; WL 85-25-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	5000 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Sunnyvale (SANTA CLARA), CA - NL 37-23-19; WL 122-02-12; MOBILE: , within 1.6 km, centered around NL 37-23-19; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	5000 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

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.

Special Conditions:

- (3) Cellco Partnership shall 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 3.7-3.8 GHz band.
- (4) Cellco Partnership 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.
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (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. For applicant's reference, a list of registered incumbent FSS earth stations in the band can be found at the following link:
<https://docs.fcc.gov/public/attachments/DA-20-823A2.xls>