

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

EXPERIMENTAL

(Nature of Service)

WL2XFC

(Call Sign)

XT FX MO

(Class of Station)

0640-EX-CN-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) Solvang (SANTA BARBARA), CA - NL 34-36-31; WL 120-08-45; MOBILE: within 0.55 km radius of center point location, within 0.55 km, centered around NL 34-36-31; WL 120-08-45
- (2) Buellton (SANTA BARBARA), CA - NL 34-37-00; WL 120-11-09; MOBILE: within 0.55 km radius of center point location, within 0.55 km, centered around NL 34-37-00; WL 120-11-09
- (3) Solvang (SANTA BARBARA), CA - NL 34-35-46; WL 120-08-43; MOBILE: within 0.55 km radius of center point location, within 0.55 km, centered around NL 34-35-46; WL 120-08-43
- (4) Santa Ynez (SANTA BARBARA), CA - NL 34-36-42; WL 120-04-47; MOBILE: within 0.55 km radius of center point location, within 0.55 km, centered around NL 34-36-42; WL 120-04-47
- (5) Buellton (SANTA BARBARA), CA - NL 34-37-23; WL 120-16-04; MOBILE: within 0.55 km radius of center point location, within 1.6 km, centered around NL 34-37-23; WL 120-16-04
- (6) Carpinteria (SANTA BARBARA), CA - NL 34-24-30; WL 119-31-50; MOBILE: within 0.74 km radius of center point location, within 0.74 km, centered around NL 34-24-30; WL 119-31-50
- (7) Carpinteria (SANTA BARBARA), CA - NL 34-25-24; WL 119-31-19; MOBILE: within 0.74 km radius of center point location, within 0.74 km, centered around NL 34-25-24; WL 119-31-19
- (8) Carpinteria (SANTA BARBARA), CA - NL 34-23-07; WL 119-29-33; MOBILE: within 0.74 km radius of center point location, within 0.74 km, centered around NL 34-23-07; WL 119-29-33
- (9) Carpinteria (SANTA BARBARA), CA - NL 34-23-40; WL 119-30-41; MOBILE: within 0.74 km radius of center point location, within 0.74 km, centered around NL 34-23-40; WL 119-30-41

This authorization effective August 27, 2020 and
will expire 3:00 A.M. EST September 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Solvang (SANTA BARBARA), CA - NL 34-36-31; WL 120-08-45; MOBILE: within 0.55 km radius of center point location, withi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	1600 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Buellton (SANTA BARBARA), CA - NL 34-37-00; WL 120-11-09; MOBILE: within 0.55 km radius of center point location, withi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	1600 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Solvang (SANTA BARBARA), CA - NL 34-35-46; WL 120-08-43; MOBILE: within 0.55 km radius of center point location, withi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	1600 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Frequency Information

Santa Ynez (SANTA BARBARA), CA - NL 34-36-42; WL 120-04-47; MOBILE: within 0.55 km radius of center point location, w

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	1600 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Buellton (SANTA BARBARA), CA - NL 34-37-23; WL 120-16-04; MOBILE: within 0.55 km radius of center point location, withi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	1600 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Carpinteria (SANTA BARBARA), CA - NL 34-24-30; WL 119-31-50; MOBILE: within 0.74 km radius of center point location, wi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	1600 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Frequency Information

Carpinteria (SANTA BARBARA), CA - NL 34-25-24; WL 119-31-19; MOBILE: within 0.74 km radius of center point location, wi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	1600 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Carpinteria (SANTA BARBARA), CA - NL 34-23-07; WL 119-29-33; MOBILE: within 0.74 km radius of center point location, wi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	1600 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Carpinteria (SANTA BARBARA), CA - NL 34-23-40; WL 119-30-41; MOBILE: within 0.74 km radius of center point location, wi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-3.8 GHz	FX	100MG7W	1600 W (ERP)	0.1 %
3.7-3.8 GHz	MO	100MG7W	200 mW (ERP)	0.1 %

Special Conditions:

- (1) Licensee is required to ensure that trial devices are either rendered inoperable or retrieved by them from trial participants at the conclusion of the trial. Licensee is required to notify trial participants in advance that operation of the trial device is subject to this condition.

Special Conditions:

- (2) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (3) 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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Licensee must avoid causing interference to existing Fixed Service operators and FSS earth stations in the band.? For 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>
- (6) Licensee must recommend prior coordinate with the Fixed Microwave Service licensees in each proposed area in accordance with 47 C.F.R, Part 101.103(d).
- (7) 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.
- (8) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.