

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

EXPERIMENTAL

(Nature of Service)

WL2XTD

(Call Sign)

XT FX MO

(Class of Station)

0323-EX-CN-2021

(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) Braintree (NORFOLK), MA - NL 42-12-11; WL 71-01-47; MOBILE: within 12.29 km of base station, within 12.29 km, centered around NL 42-12-11; WL 71-01-47
- (2) East Hartford (HARTFORD), CT - NL 41-46-09; WL 72-38-56; MOBILE: within 2.88 km of base station, within 2.88 km, centered around NL 41-46-09; WL 72-38-56
- (3) Westboro (WORCESTER), MA - NL 42-14-21; WL 71-35-51; MOBILE: within 16.27 km of base station, within 16.27 km, centered around NL 42-14-21; WL 71-35-51
- (4) Quincy (NORFOLK), MA - NL 42-14-27; WL 71-00-41; MOBILE: within 7.83 km of base station, within 7.83 km, centered around NL 42-14-27; WL 71-00-41
- (5) Braintree (NORFOLK), MA - NL 42-11-41; WL 71-01-48; MOBILE: within 13.35 km of base station, within 13.35 km, centered around NL 42-11-41; WL 71-01-48
- (6) Jamaica Plain (SUFFOLK), MA - NL 42-18-11; WL 71-07-38; MOBILE: within 7.42 km of base station, within 7.42 km, centered around NL 42-18-11; WL 71-07-38
- (7) Brookline (NORFOLK), MA - NL 42-18-17; WL 71-08-20; MOBILE: within 6.85 km of base station, within 6.85 km, centered around NL 42-18-17; WL 71-08-20
- (8) Braintree (NORFOLK), MA - NL 42-12-36; WL 71-01-18; MOBILE: within 11.44 km of base station, within 11.44 km, centered around NL 42-12-36; WL 71-01-18
- (9) West Roxbury (SUFFOLK), MA - NL 42-18-09; WL 71-09-48; MOBILE: within 4.65 km of base station, within 4.65 km, centered around NL 42-18-09; WL 71-09-48
- (10) Attleboro (BRISTOL), MA - NL 41-57-31; WL 71-17-51; MOBILE: within 10.67 km of base station, within 10.67 km, centered around NL 41-57-31; WL 71-17-51
- (11) East Hartford (HARTFORD), CT - NL 41-44-33; WL 72-38-25; MOBILE: within 4.27 km of base station, within 4.27 km, centered around NL 41-44-33; WL 72-38-25
- (12) Norton (BRISTOL), MA - NL 41-57-01; WL 71-14-19; MOBILE: within 6.84 km of base station, within 6.84 km, centered around NL 41-57-01; WL 71-14-19
- (13) Seekonk (BRISTOL), MA - NL 41-53-09; WL 71-19-12; MOBILE: within 2.26 km of base station, within 2.26 km, centered around NL 41-53-09; WL 71-19-12

This authorization effective May 13, 2021 and
will expire 3:00 A.M. EST February 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Braintree (NORFOLK), MA - NL 42-12-11; WL 71-01-47; MOBILE: within 12.29 km of base station, within 12.29 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MG7W	68400 W (ERP)	0.1 %
3700-3800 MHz	MO	100MG7W	1 W (ERP)	0.1 %

East Hartford (HARTFORD), CT - NL 41-46-09; WL 72-38-56; MOBILE: within 2.88 km of base station, within 2.88 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MG7W	68400 W (ERP)	0.1 %
3700-3800 MHz	MO	100MG7W	1 W (ERP)	0.1 %

Westboro (WORCESTER), MA - NL 42-14-21; WL 71-35-51; MOBILE: within 16.27 km of base station, within 16.27 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MG7W	68400 W (ERP)	0.1 %
3700-3800 MHz	MO	100MG7W	1 W (ERP)	0.1 %

Frequency Information

Quincy (NORFOLK), MA - NL 42-14-27; WL 71-00-41; MOBILE: within 7.83 km of base station, within 7.83 km, centered arou

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MG7W	68400 W (ERP)	0.1 %
3700-3800 MHz	MO	100MG7W	1 W (ERP)	0.1 %

Braintree (NORFOLK), MA - NL 42-11-41; WL 71-01-48; MOBILE: within 13.35 km of base station, within 13.35 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MG7W	68400 W (ERP)	0.1 %
3700-3800 MHz	MO	100MG7W	1 W (ERP)	0.1 %

Jamaica Plain (SUFFOLK), MA - NL 42-18-11; WL 71-07-38; MOBILE: within 7.42 km of base station, within 7.42 km, centere

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MG7W	68400 W (ERP)	0.1 %
3700-3800 MHz	MO	100MG7W	1 W (ERP)	0.1 %

Frequency Information

Brookline (NORFOLK), MA - NL 42-18-17; WL 71-08-20; MOBILE: within 6.85 km of base station, within 6.85 km, centered at

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MG7W	68400 W (ERP)	0.1 %
3700-3800 MHz	MO	100MG7W	1 W (ERP)	0.1 %

Braintree (NORFOLK), MA - NL 42-12-36; WL 71-01-18; MOBILE: within 11.44 km of base station, within 11.44 km, centered at

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MG7W	68400 W (ERP)	0.1 %
3700-3800 MHz	MO	100MG7W	1 W (ERP)	0.1 %

West Roxbury (SUFFOLK), MA - NL 42-18-09; WL 71-09-48; MOBILE: within 4.65 km of base station, within 4.65 km, centered at

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MG7W	68400 W (ERP)	0.1 %
3700-3800 MHz	MO	100MG7W	1 W (ERP)	0.1 %

Frequency Information

Attleboro (BRISTOL), MA - NL 41-57-31; WL 71-17-51; MOBILE: within 10.67 km of base station, within 10.67 km, centered a

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MG7W	68400 W (ERP)	0.1 %
3700-3800 MHz	MO	100MG7W	1 W (ERP)	0.1 %

East Hartford (HARTFORD), CT - NL 41-44-33; WL 72-38-25; MOBILE: within 4.27 km of base station, within 4.27 km, center

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MG7W	68400 W (ERP)	0.1 %
3700-3800 MHz	MO	100MG7W	1 W (ERP)	0.1 %

Norton (BRISTOL), MA - NL 41-57-01; WL 71-14-19; MOBILE: within 6.84 km of base station, within 6.84 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MG7W	68400 W (ERP)	0.1 %
3700-3800 MHz	MO	100MG7W	1 W (ERP)	0.1 %

Frequency Information

Seekonk (BRISTOL), MA - NL 41-53-09; WL 71-19-12; MOBILE: within 2.26 km of base station, within 2.26 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MG7W	68400 W (ERP)	0.1 %
3700-3800 MHz	MO	100MG7W	1 W (ERP)	0.1 %

Special Conditions:

- (1) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (2) 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.
- (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) Cellco Partnership must avoid causing interference to the existing Fixed Service operators and FSS earth stations in the band. 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>
- (5) Licensee must successfully coordinate with Fixed Microwave Service licensees in each corresponding proposed venue in accordance with 47 C.F.R, Part 101.103(d) prior to commencing experimental operations.
- (6) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.