

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

EXPERIMENTAL

(Nature of Service)

WL2XQF

(Call Sign)

XT FX MO

(Class of Station)

0239-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) Walpole (NORFOLK), MA - NL 42-07-25; WL 71-13-59; MOBILE: within 6.78 km of base station, within 6.78 km, centered around NL 42-07-25; WL 71-13-59
- (2) Wareham (PLYMOUTH), MA - NL 41-45-12; WL 70-43-57; MOBILE: within 14.21 km of base station, within 14.21 km, centered around NL 41-45-12; WL 70-43-57
- (3) Boston (SUFFOLK), MA - NL 42-20-03; WL 71-06-20; MOBILE: within 3.28 km of base station, within 3.28 km, centered around NL 42-20-03; WL 71-06-20
- (4) Boston (SUFFOLK), MA - NL 42-19-40; WL 71-06-41; MOBILE: within 3.58 km of base station, within 3.58 km, centered around NL 42-19-40; WL 71-06-41
- (5) Attleboro (BRISTOL), MA - NL 41-54-18; WL 71-18-39; MOBILE: within 3.21 km of base station, within 3.21 km, centered around NL 41-54-18; WL 71-18-39
- (6) Wareham (PLYMOUTH), MA - NL 41-46-25; WL 70-42-07; MOBILE: within 17.28 km of base station, within 17.28 km, centered around NL 41-46-25; WL 70-42-07
- (7) East Hartford (HARTFORD), CT - NL 41-46-38; WL 72-38-20; MOBILE: within 2.36 km of base station, within 2.36 km, centered around NL 41-46-38; WL 72-38-20
- (8) Woonsocket (PROVIDENCE), RI - NL 41-59-42; WL 71-30-18; MOBILE: within 10.58 km of base station, within 10.58 km, centered around NL 41-59-42; WL 71-30-18
- (9) Manville (PROVIDENCE), RI - NL 41-58-14; WL 71-28-31; MOBILE: within 7.65 km of base station, within 7.65 km, centered around NL 41-58-14; WL 71-28-31
- (10) Walpole (NORFOLK), MA - NL 42-07-02; WL 71-16-07; MOBILE: within 8.34 km of base station, within 8.34 km, centered around NL 42-07-02; WL 71-16-07
- (11) Attleboro (BRISTOL), MA - NL 41-58-07; WL 71-15-53; MOBILE: within 8.2 km of base station, within 8.2 km, centered around NL 41-58-07; WL 71-15-53
- (12) East Hartford (HARTFORD), CT - NL 41-45-16; WL 72-38-23; MOBILE: within 1.99 km of base station, within 1.99 km, centered around NL 41-45-16; WL 72-38-23
- (13) Westborough (WORCESTER), MA - NL 42-16-08; WL 71-36-38; MOBILE: within 10.26 km of base station, within 10.26 km, centered around NL 42-16-08; WL 71-36-38

This authorization effective March 26, 2021 and
will expire 3:00 A.M. EST January 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

- (14) Boston (SUFFOLK), MA - NL 42-19-45; WL 71-05-53; MOBILE: within 3.29 km of base station, within 3.29 km, centered around NL 42-19-45; WL 71-05-53
- (15) North Smithfield (PROVIDENCE), RI - NL 41-59-00; WL 71-31-07; MOBILE: within 10.51 km of base station, within 10.51 km, centered around NL 41-59-00; WL 71-31-07
- (16) Franklin (NORFOLK), MA - NL 42-04-40; WL 71-26-18; MOBILE: within 4.64km of base station, within 4.64 km, centered around NL 42-04-40; WL 71-26-18
- (17) Foxboro (NORFOLK), MA - NL 42-05-44; WL 71-13-49; MOBILE: within 9.12 km of base station, within 9.12 km, centered around NL 42-05-44; WL 71-13-49
- (18) Brookline (NORFOLK), MA - NL 42-19-55; WL 71-07-02; MOBILE: within 3.09 km of base station, within 3.09 km, centered around NL 42-19-55; WL 71-07-02
- (19) Boston (SUFFOLK), MA - NL 42-19-14; WL 71-06-02; MOBILE: within 3.3 km of base station, within 3.3 km, centered around NL 42-19-14; WL 71-06-02
- (20) Westborough (WORCESTER), MA - NL 42-16-59; WL 71-35-03; MOBILE: within 8.2 km of base station, within 8.2 km, centered around NL 42-16-59; WL 71-35-03
- (21) Woonsocket (PROVIDENCE), RI - NL 42-00-16; WL 71-32-15; MOBILE: within 11.94 km of base station, within 11.94 km, centered around NL 42-00-16; WL 71-32-15
- (22) Woonsocket (PROVIDENCE), RI - NL 42-00-24; WL 71-30-33; MOBILE: within 11.7 km of base station, within 11.7 km, centered around NL 42-00-24; WL 71-30-33
- (23) Wareham (PLYMOUTH), MA - NL 41-46-56; WL 70-44-04; MOBILE: within 16.66 km of base station, within 16.66 km, centered around NL 41-46-56; WL 70-44-04
- (24) Walpole (NORFOLK), MA - NL 42-08-23; WL 71-13-02; MOBILE: within 5.1 km of base station, within 5.1 km, centered around NL 42-08-23; WL 71-13-02
- (25) Foxboro (NORFOLK), MA - NL 42-05-14; WL 71-16-40; MOBILE: within 6.02 km of base station, within 6.02 km, centered around NL 42-05-14; WL 71-16-40

Frequency Information

Walpole (NORFOLK), MA - NL 42-07-25; WL 71-13-59; MOBILE: within 6.78 km of base station, within 6.78 km, centered aro

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

Wareham (PLYMOUTH), MA - NL 41-45-12; WL 70-43-57; MOBILE: within 14.21 km of base station, within 14.21 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 %

Boston (SUFFOLK), MA - NL 42-20-03; WL 71-06-20; MOBILE: within 3.28 km of base station, within 3.28 km, centered aroui

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 %

Boston (SUFFOLK), MA - NL 42-19-40; WL 71-06-41; MOBILE: within 3.58 km of base station, within 3.58 km, centered aroui

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 41-54-18; WL 71-18-39; MOBILE: within 3.21 km of base station, within 3.21 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 %

Wareham (PLYMOUTH), MA - NL 41-46-25; WL 70-42-07; MOBILE: within 17.28 km of base station, within 17.28 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 %

East Hartford (HARTFORD), CT - NL 41-46-38; WL 72-38-20; MOBILE: within 2.36 km of base station, within 2.36 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

Woonsocket (PROVIDENCE), RI - NL 41-59-42; WL 71-30-18; MOBILE: within 10.58 km of base station, within 10.58 km, cer

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 %

Manville (PROVIDENCE), RI - NL 41-58-14; WL 71-28-31; MOBILE: within 7.65 km of base station, within 7.65 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 %

Walpole (NORFOLK), MA - NL 42-07-02; WL 71-16-07; MOBILE: within 8.34 km of base station, within 8.34 km, centered aro

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 41-58-07; WL 71-15-53; MOBILE: within 8.2 km of base station, within 8.2 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 %

East Hartford (HARTFORD), CT - NL 41-45-16; WL 72-38-23; MOBILE: within 1.99 km of base station, within 1.99 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 %

Westborough (WORCESTER), MA - NL 42-16-08; WL 71-36-38; MOBILE: within 10.26 km of base station, within 10.26 km, c

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

Boston (SUFFOLK), MA - NL 42-19-45; WL 71-05-53; MOBILE: within 3.29 km of base station, within 3.29 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 %

North Smithfield (PROVIDENCE), RI - NL 41-59-00; WL 71-31-07; MOBILE: within 10.51 km of base station, within 10.51 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 %

Franklin (NORFOLK), MA - NL 42-04-40; WL 71-26-18; MOBILE: within 4.64km of base station, within 4.64 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

Foxboro (NORFOLK), MA - NL 42-05-44; WL 71-13-49; MOBILE: within 9.12 km of base station, within 9.12 km, centered aro

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 %

Brookline (NORFOLK), MA - NL 42-19-55; WL 71-07-02; MOBILE: within 3.09 km of base station, within 3.09 km, centered ar

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 %

Boston (SUFFOLK), MA - NL 42-19-14; WL 71-06-02; MOBILE: within 3.3 km of base station, within 3.3 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

Westborough (WORCESTER), MA - NL 42-16-59; WL 71-35-03; MOBILE: within 8.2 km of base station, within 8.2 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 %

Woonsocket (PROVIDENCE), RI - NL 42-00-16; WL 71-32-15; MOBILE: within 11.94 km of base station, within 11.94 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 %

Woonsocket (PROVIDENCE), RI - NL 42-00-24; WL 71-30-33; MOBILE: within 11.7 km of base station, within 11.7 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 %

Frequency Information

Wareham (PLYMOUTH), MA - NL 41-46-56; WL 70-44-04; MOBILE: within 16.66 km of base station, within 16.66 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 %

Walpole (NORFOLK), MA - NL 42-08-23; WL 71-13-02; MOBILE: within 5.1 km of base station, within 5.1 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 %

Foxboro (NORFOLK), MA - NL 42-05-14; WL 71-16-40; MOBILE: within 6.02 km of base station, within 6.02 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) 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:

- (2) With respect to operations in the 3700-3800 MHz band, Cellco Partnership must avoid causing interference to the 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>
- (3) Cellco Partnership should be aware that the other stations may be authorized on these frequencies and if any harmful interference occurs, the licensee of this authorization will be subject to immediately shut down.
- (4) Cellco Partnership must successfully coordinate with Fixed Microwave Service licensees in each proposed area in accordance with 47 C.F.R, Part 101.103(d) prior to commencing experimental operations.