

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WF2XVG

(Call Sign)

0331-EX-CR-2019

(File Number)

NAME AT&T Corp.

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(e & h) of the Commission's Rules

Station Locations

- (1) MIDDLETOWN (MONMOUTH), NJ - NL 40-23-47; WL 74-08-03
- (2) MIDDLETOWN (MONMOUTH), NJ - NL 40-23-39; WL 74-08-04
- (3) MIDDLETOWN (MONMOUTH), NJ - NL 40-23-51; WL 74-08-11
- (4) MIDDLETOWN (MONMOUTH), NJ - NL 40-23-52; WL 74-08-10
- (5) MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-09
- (6) MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-08
- (7) MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-08
- (8) MIDDLETOWN (MONMOUTH), NJ - NL 40-23-51; WL 74-08-10

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-47; WL 74-08-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5930-6168 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6182-6420 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %

This authorization effective August 01, 2019 and
will expire 3:00 A.M. EST August 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-47; WL 74-08-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6540-6700 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6710-6870 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
10700-11200 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %
11200-11700 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %
17740-18140 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W	192.75 W (ERP)	0.003 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-47; WL 74-08-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17740-18140 MHz	FX	24M5D7W	192.75 W (ERP)	0.003 %
19300-19700 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.003 %
21800-22100 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.001 %
23000-23300 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W	192.75 W (ERP)	0.001 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-47; WL 74-08-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
23000-23300 MHz	FX	28M0D7W 24M5D7W	192.75 W (ERP)	0.001 %

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-39; WL 74-08-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5930-6168 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6182-6420 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6540-6700 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6710-6870 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
10700-11200 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-39; WL 74-08-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11200-11700 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %
17740-18140 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.003 %
19300-19700 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.003 %
21800-22100 MHz	FX	26M0D7W 30M5D7W 36M0D7W	192.75 W (ERP)	0.003 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-39; WL 74-08-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
21800-22100 MHz	FX	26M5D7W	192.75 W (ERP)	0.003 %
		22M5D7W		
		13M5D7W		
		45M0D7W		
		15M5D7W		
		28M0D7W		
		24M5D7W		
23000-23300 MHz	FX	26M0D7W	192.75 W (ERP)	0.003 %
		30M5D7W		
		36M0D7W		
		26M5D7W		
		22M5D7W		
		13M5D7W		
		45M0D7W		
		15M5D7W		
		28M0D7W		
		24M5D7W		

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-51; WL 74-08-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5930-6168 MHz	FX	26M0D7W	19.275 W (ERP)	0.005 %
		9M00D7W		
6182-6420 MHz	FX	26M0D7W	19.275 W (ERP)	0.005 %
		9M00D7W		

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-51; WL 74-08-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6540-6700 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6710-6870 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
10700-11200 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %
11200-11700 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %
17740-18140 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W	192.75 W (ERP)	0.003 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-51; WL 74-08-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17740-18140 MHz	FX	24M5D7W	192.75 W (ERP)	0.003 %
19300-19700 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.003 %
21800-22100 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.001 %
23000-23300 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W	192.75 W (ERP)	0.001 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-51; WL 74-08-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
23000-23300 MHz	FX	28M0D7W 24M5D7W	192.75 W (ERP)	0.001 %

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-52; WL 74-08-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5930-6168 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6182-6420 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6540-6700 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6710-6870 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
10700-11200 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-52; WL 74-08-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11200-11700 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %
17740-18140 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.003 %
19300-19700 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.003 %
21800-22100 MHz	FX	26M0D7W 30M5D7W 36M0D7W	192.75 W (ERP)	0.001 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-52; WL 74-08-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
21800-22100 MHz	FX	26M5D7W	192.75 W (ERP)	0.001 %
		22M5D7W		
		13M5D7W		
		45M0D7W		
		15M5D7W		
		28M0D7W		
		24M5D7W		
23000-23300 MHz	FX	26M0D7W	192.75 W (ERP)	0.001 %
		30M5D7W		
		36M0D7W		
		26M5D7W		
		22M5D7W		
		13M5D7W		
		45M0D7W		
		15M5D7W		
		28M0D7W		
		24M5D7W		

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5930-6168 MHz	FX	26M0D7W	19.275 W (ERP)	0.005 %
		9M00D7W		
6182-6420 MHz	FX	26M0D7W	19.275 W (ERP)	0.005 %
		9M00D7W		

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6540-6700 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6710-6870 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
10700-11200 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %
11200-11700 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %
17740-18140 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W	192.75 W (ERP)	0.003 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17740-18140 MHz	FX	24M5D7W	192.75 W (ERP)	0.003 %
19300-19700 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.003 %
21800-22100 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.001 %
23000-23300 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W	192.75 W (ERP)	0.001 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
23000-23300 MHz	FX	28M0D7W 24M5D7W	192.75 W (ERP)	0.001 %

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5930-6168 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6182-6420 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6540-6700 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6710-6870 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
10700-11200 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11200-11700 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %
17740-18140 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.003 %
19300-19700 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.003 %
21800-22100 MHz	FX	26M0D7W 30M5D7W 36M0D7W	192.75 W (ERP)	0.001 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
21800-22100 MHz	FX	26M5D7W	192.75 W (ERP)	0.001 %
		22M5D7W		
		13M5D7W		
		45M0D7W		
		15M5D7W		
		28M0D7W		
		24M5D7W		
23000-23300 MHz	FX	26M0D7W	192.75 W (ERP)	0.001 %
		30M5D7W		
		36M0D7W		
		26M5D7W		
		22M5D7W		
		13M5D7W		
		45M0D7W		
		15M5D7W		
		28M0D7W		
		24M5D7W		

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5930-6168 MHz	FX	26M0D7W	19.275 W (ERP)	0.005 %
		9M00D7W		
6182-6420 MHz	FX	26M0D7W	19.275 W (ERP)	0.005 %
		9M00D7W		

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6540-6700 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6710-6870 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
10700-11200 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %
11200-11700 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %
17740-18140 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W	192.75 W (ERP)	0.003 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17740-18140 MHz	FX	24M5D7W	192.75 W (ERP)	0.003 %
19300-19700 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.003 %
21800-22100 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.001 %
23000-23300 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W	192.75 W (ERP)	0.001 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-53; WL 74-08-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
23000-23300 MHz	FX	28M0D7W 24M5D7W	192.75 W (ERP)	0.001 %

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-51; WL 74-08-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5930-6168 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6182-6420 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6540-6700 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
6710-6870 MHz	FX	26M0D7W 9M00D7W	19.275 W (ERP)	0.005 %
10700-11200 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-51; WL 74-08-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11200-11700 MHz	FX	26M0D7W 30M5D7W 9M00D7W 36M0D7W 26M5D7W 22M5D7W	60.954 W (ERP)	0.005 %
17740-18140 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.003 %
19300-19700 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.003 %
21800-22100 MHz	FX	26M0D7W 30M5D7W 36M0D7W	192.75 W (ERP)	0.001 %

Frequency Information

MIDDLETOWN (MONMOUTH), NJ - NL 40-23-51; WL 74-08-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
21800-22100 MHz	FX	26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.001 %
23000-23300 MHz	FX	26M0D7W 30M5D7W 36M0D7W 26M5D7W 22M5D7W 13M5D7W 45M0D7W 15M5D7W 28M0D7W 24M5D7W	192.75 W (ERP)	0.001 %

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (2) Licensee shall coordinate with existing and future Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).