

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WJ2XJF

(Call Sign)

0192-EX-CN-2018

(File Number)

NAME The MITRE Corporation

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) Bedford (MIDDLESEX), MA - NL 42-30-13; WL 71-14-11
- (2) Bedford (MIDDLESEX), MA - NL 42-30-13; WL 71-14-11
- (3) Stockbridge (MADISON), NY - NL 43-01-47; WL 75-39-05
- (4) Stockbridge (MADISON), NY - NL 43-01-47; WL 75-39-05
- (5) Bedford (MIDDLESEX), MA - NL 42-30-13; WL 71-14-10
- (6) Stockbridge (MADISON), NY - NL 43-01-47; WL 75-39-05

Frequency Information

Bedford (MIDDLESEX), MA - NL 42-30-13; WL 71-14-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.505-4.1 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
4.21-4.65 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
4.7-4.995 MHz	FX	24K0J1D	400 W (ERP)	0.001 %

This authorization effective May 17, 2018 and
will expire 3:00 A.M. EST June 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Bedford (MIDDLESEX), MA - NL 42-30-13; WL 71-14-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.005-5.899 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
6.32-7.2 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
7.451-8.25 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
8.97-9.4 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
9.9-9.995 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
10.101-11.275 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
11.4-11.6 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
12.1-12.2 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
13.5-13.57 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
13.87-14.99 MHz	FX	24K0J1D	400 W (ERP)	0.001 %

Frequency Information

Bedford (MIDDLESEX), MA - NL 42-30-13; WL 71-14-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.01-15.1 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
15.8-16 MHz	FX	24K0J1D	400 W (ERP)	0.001 %

Bedford (MIDDLESEX), MA - NL 42-30-13; WL 71-14-11

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2.505-4.1 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
4.21-4.65 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
4.7-4.995 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
5.005-5.899 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
6.32-7.2 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
7.451-8.25 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
8.97-9.4 MHz	FX	24K0J1D	400 W (ERP)	0.001 %

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9.9-9.995 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
10.101-11.275 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
11.4-11.6 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
12.1-12.2 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
13.5-13.57 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
13.87-14.99 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
15.01-15.1 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
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Stockbridge (MADISON), NY - NL 43-01-47; WL 75-39-05

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2.505-4.1 MHz	FX	24K0J1D	400 W (ERP)	0.001 %

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4.21-4.65 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
4.7-4.995 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
5.005-5.899 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
6.32-7.2 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
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13.87-14.99 MHz	FX	24K0J1D	400 W (ERP)	0.001 %
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15.8-16 MHz	FX	24K0J1D	400 W (ERP)	0.001 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Operation is prohibited in the following band for all locations:
7200-7300 kHz
- (4) Operation is prohibited in the following bands in Stockbridge, NY:
5450-5680 kHz
6525-6765 kHz