

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

EXPERIMENTAL

(Nature of Service)

KS2XEO

(Call Sign)

XD FX MO

(Class of Station)

0039-EX-CR-2020

(File Number)

NAME Technical Communications 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(i) of the Commission's Rules

Station Locations

(1) Concord (MIDDLESEX), MA - NL 42-27-30; WL 71-23-30; MOBILE:within 800 km

Frequency Information

Concord (MIDDLESEX), MA - NL 42-27-30; WL 71-23-30; MOBILE:within 800 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2782 kHz	FX	3K00A2B 3K00F1B 3K00F2B	82 W (ERP)	0.01 %
2782 kHz	MO	3K00A2B 3K00F1B 3K00F2B	82 W (ERP)	0.01 %
4164.25 kHz	FX	3K00A2B 3K00F3E	200 W (ERP)	0.005 %

This authorization effective April 01, 2020 and
will expire 3:00 A.M. EST March 09, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Concord (MIDDLESEX), MA - NL 42-27-30; WL 71-23-30; MOBILE:within 800 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4164.25 kHz	MO	3K00A2B 3K00F3E	200 W (ERP)	0.005 %
6246.25 kHz	FX	3K00A2B 3K00F1B 3K00F2B	200 W (ERP)	0.005 %
6246.25 kHz	MO	3K00A2B 3K00F1B 3K00F2B	200 W (ERP)	0.005 %
7935 kHz	FX	3K00A2B 3K00F1B 3K00F2B	82 W (ERP)	0.005 %
7935 kHz	MO	3K00A2B 3K00F1B 3K00F2B	82 W (ERP)	0.005 %
46.02 MHz	FX	3K00A2B 3K00F3E	5 W (ERP)	0.005 %
46.02 MHz	MO	3K00A2B 3K00F3E	5 W (ERP)	0.005 %
151.295 MHz	FX	16K0F1B	25 W (ERP)	0.005 %

Frequency Information

Concord (MIDDLESEX), MA - NL 42-27-30; WL 71-23-30; MOBILE:within 800 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
151.295 MHz	FX	16K0F2B 16K0F3E	25 W (ERP)	0.005 %
151.295 MHz	MO	16K0F1B 16K0F2B 16K0F3E	25 W (ERP)	0.005 %
152.335 MHz	FX	16K0F1B 16K0F2B 16K0F3E	25 W (ERP)	0.005 %
152.335 MHz	MO	16K0F1B 16K0F2B 16K0F3E	25 W (ERP)	0.005 %
463.85 MHz	FX	16K0F3E	30 W (ERP)	0.005 %
463.85 MHz	MO	16K0F3E	30 W (ERP)	0.005 %

Special Conditions:

- (1) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.