

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WG2XAE

(Call Sign)

0223-EX-CR-2021

(File Number)

NAME Telephonics 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) Farmingdale (SUFFOLK), NY - NL 40-43-45; WL 73-25-15; MOBILE: Farmingdale, NY, within 160 km, centered around NL 40-43-45; WL 73-25-15

Frequency Information

Farmingdale (SUFFOLK), NY - NL 40-43-45; WL 73-25-15; MOBILE: Farmingdale, NY, within 160 km, centered around NL 4C

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9050-10050 MHz	FX	125MQ0N 45M0Q0N 22M5Q0N 11M2Q0N 190MQ0N 210MQ8N 215MQ0N 71M7Q0N 21M7Q0N	14.6 MW (ERP)	
9370-9380 MHz	FX	10M0P0N	14.6 MW (ERP)	

This authorization effective June 01, 2021 and
will expire 3:00 A.M. EST June 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Farmingdale (SUFFOLK), NY - NL 40-43-45; WL 73-25-15; MOBILE: Farmingdale, NY, within 160 km, centered around NL 40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9500-10050 MHz	FX	12M0Q0N	14.6 MW (ERP)	

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) Telephonics Corporation transmissions are required to be blanked between 195-80 degrees reference to true North from the center point 40-43-45 N and 73-25-15 N.
- (5) Use of this frequency or band under the authority of this assign is subject to further coordination with the FAA Eastern Coordinator, New York, as necessary to ensure compatibility with existing uses.
- (6) Operation is subject to prior coordination with FAA Headquarter.