

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WH2XYG

(Call Sign)

0496-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(h) of the Commission's Rules

Station Locations

- (1) Elizabeth City (PASQUOTANK), NC - NL 36-15-13; WL 76-10-27; MOBILE: Elizabeth City, NC, within 92.6 km, centered around NL 36-15-13; WL 76-10-27
- (2) Farmingdale (NASSAU), NY - NL 40-43-55; WL 73-25-20; MOBILE: Farmingdale, NY, within 92.6 km, centered around NL 40-43-55; WL 73-25-20

Frequency Information

Elizabeth City (PASQUOTANK), NC - NL 36-15-13; WL 76-10-27; MOBILE: Elizabeth City, NC, within 92.6 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.71-14.83 GHz	MO	21M4G1D	7.7 W (ERP)	0.00015 %
15.15-15.35 GHz	FX	21M4G1D	384.6 W (ERP)	0.0001 %

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Farmingdale (NASSAU), NY - NL 40-43-55; WL 73-25-20; MOBILE: Farmingdale, NY, within 92.6 km, centered around NL 40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.71-14.83 GHz	MO	21M4G1D	7.7 W (ERP)	0.00015 %
15.15-15.35 GHz	FX	21M4G1D	384.6 W (ERP)	0.0001 %

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) Upon notification from the FCC, operation on this assignment is subject to immediate cessation, if it causes harmful interference to Navy operations assignments.