

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI2XYG

(Call Sign)

0214-EX-CM-2017

(File Number)

NAME _____ Telephonics _____

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) El Paso (DONA ANA), NM - NL 31-51-07; WL 106-40-48
- (2) El Paso (DONA ANA), NM - NL 31-47-41; WL 106-57-32
- (3) El Paso (DONA ANA), NM - NL 31-51-30; WL 106-41-31
- (4) Huntington (SUFFOLK), NY - NL 40-51-33; WL 73-23-35
- (5) Farmingdale (SUFFOLK), NY - NL 40-43-54; WL 73-25-20

Frequency Information

El Paso (DONA ANA), NM - NL 31-51-07; WL 106-40-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.4675-24.6325 GHz	FX	45M0F0N	231 W (ERP)	0.0001 %

El Paso (DONA ANA), NM - NL 31-47-41; WL 106-57-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.4675-24.6325 GHz	FX	45M0F0N	231 W (ERP)	0.0001 %

This authorization effective May 31, 2018 and
will expire 3:00 A.M. EST July 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

El Paso (DONA ANA), NM - NL 31-51-30; WL 106-41-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.4675-24.6325 GHz	FX	45M0F0N	231 W (ERP)	0.0001 %

Huntington (SUFFOLK), NY - NL 40-51-33; WL 73-23-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.4675-24.6325 GHz	FX	45M0F0N	231 W (ERP)	0.0001 %

Farmingdale (SUFFOLK), NY - NL 40-43-54; WL 73-25-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.4675-24.6325 GHz	FX	45M0F0N	231 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) The applicant must coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to commencing the experimental operations.
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) Operations must be scheduled as a WSMR Range Mission through the 586FLTS DET1, who is the test liason between Holloman AFB and WSMR. Final authorized to radiate is contingent upon successful scheduling and deconfliction of both spectrum and airspace, with other area wide operations.