

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WN9XNQ

(Call Sign)

0043-EX-TC-2019

(File Number)

NAME L3 Communications Security and Detections Systems, Inc.

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.

Station Locations

(1) Tewksbury (HAMPSHIRE), MA - NL 42-38-15; WL 71-14-19

Frequency Information

Tewksbury (HAMPSHIRE), MA - NL 42-38-15; WL 71-14-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20-23.6 GHz	FX	3G60FXN	74.9 mW (ERP)	
24-31.3 GHz	FX	7G30FXN	74.9 mW (ERP)	
31.8-40 GHz	FX	8G20FXN	74.9 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) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (3) The stop buzzer contact for this project is Uresh Patel Phone: 781-970-1614

This authorization effective May 28, 2019 and
will expire 3:00 A.M. EST September 20, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (5) All operations shall be indoors ONLY.
- (6) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (7) Operation is not permitted in 23.6-24.0 GHz and 31.3-31.8 GHz bands IAW Footnote US246.