

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

EXPERIMENTAL

(Nature of Service)

WK2XWU

(Call Sign)

XD FX

(Class of Station)

0232-EX-CN-2020

(File Number)

NAME Leidos Security Detection & Automation, 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.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) Egg Harbor Township (ATLANTIC), NJ - NL 39-26-38; WL 74-33-31
- (2) Tewksbury (MIDDLESEX), MA - NL 42-38-17; WL 71-14-13

Frequency Information

Egg Harbor Township (ATLANTIC), NJ - NL 39-26-38; WL 74-33-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20-23.6 GHz	FX	3G60G0F	74.9 nW (ERP)	
24-31.3 GHz	FX	7G30G0F	74.9 nW (ERP)	
31.8-40 GHz	FX	8G20G0F	74.9 nW (ERP)	

This authorization effective April 23, 2020 and
will expire 3:00 A.M. EST May 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Tewksbury (MIDDLESEX), MA - NL 42-38-17; WL 71-14-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20-23.6 GHz	FX	3G60F3D	74.9 nW (ERP)	
24-31.3 GHz	FX	7G30F3D	74.9 nW (ERP)	
31.8-40 GHz	FX	8G20F3D	74.9 nW (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) The stop buzzer contact for this project is Uresh Patel Phone: 781-970-1614
- (6) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (7) All operations shall be indoor only.