

**United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WP9XJM

(Call Sign)

XT      FX

(Class of Station)

1757-EX-ST-2019

(File Number)

NAME L3 Security & Detection Systems, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

**Purpose Of Operation:**

Hardware validation testing, and system software development

**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 October 02, 2019 and  
will expire 3:00 A.M. EST April 01, 2020

**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            | 3G60F3X             | 74.9 nW (ERP)    |                           |
| 24-31.3 GHz | FX            | 7G30F3X             | 74.9 nW (ERP)    |                           |
| 31.8-40 GHz | FX            | 8G20F3X             | 74.9 nW (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
- (4) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (5) 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.
- (6) Operation is not permitted in 23.6-24.0 GHz and 31.3-31.8 GHz bands IAW Footnote US246.
- (7) All operations shall be indoor only.