

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WJ9XAE

(Call Sign)

1210-EX-ST-2015

(File Number)

NAME Seraphim Optronics

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:
Demonstration

Station Locations

- (1) MOBILE: Walter E. Washington Convention Center, Washington, DC: 1/18/16-1/22/16, within 0.1 km, centered around NL 38-54-16; WL 77-01-26
- (2) MOBILE: Fort Hood, TX: 2/22/16-2/26/16, within 0.1 km, centered around NL 31-11-42; WL 97-44-28
- (3) MOBILE: Hunstville, AL: 3/15/16-3/17/16, within 0.1 km, centered around NL 34-43-49; WL 86-35-09
- (4) MOBILE: Tampa, FL: 5/24/16-5/26/16, within 0.1 km, centered around NL 27-57-02; WL 82-27-25

Frequency Information

MOBILE: Walter E. Washington Convention Center, Washington, DC: 1/18/16-1/22/16, within 0.1 km, centered around NL 38-54-16; WL 77-01-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
433.67-434.17 MHz	MO	50K0D7W	300 mW (ERP)	1 %

This authorization effective January 18, 2016 and
will expire 3:00 A.M. EST May 27, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Fort Hood, TX: 2/22/16-2/26/16, within 0.1 km, centered around NL 31-11-42; WL 97-44-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
433.67-434.17 MHz	MO	50K0D7W	300 mW (ERP)	1 %

MOBILE: Hunstville, AL: 3/15/16-3/17/16, within 0.1 km, centered around NL 34-43-49; WL 86-35-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2500 MHz	MO	40M0D7W	100 mW (ERP)	5 %

MOBILE: Tampa, FL: 5/24/16-5/26/16, within 0.1 km, centered around NL 27-57-02; WL 82-27-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
433.67-434.17 MHz	FX	50K0D7W	300 mW (ERP)	1 %

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) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.