

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

EXPERIMENTAL

(Nature of Service)

WL9XJJ

(Call Sign)

XT MO

(Class of Station)

0682-EX-ST-2017

(File Number)

NAME Silvus Technologies, 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:

Demonstration of new microwave emission technologies utilizing a Visual Engineering IP Camera as a sensor.

Station Locations

- (1) MOBILE: Naval Air Station, PAX River, MD, within 16 km, centered around NL 38-16-52; WL 76-25-03

Frequency Information

MOBILE: Naval Air Station, PAX River, MD, within 16 km, centered around NL 38-16-52; WL 76-25-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2280 MHz	MO	20M0D7W	10 W (ERP)	0.002 %
2380 MHz	MO	20M0D7W	10 W (ERP)	0.002 %
4770 MHz	MO	20M0D7W	10 W (ERP)	0.002 %

This authorization effective July 16, 2017 and
will expire 3:00 A.M. EST July 23, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1535 or 2310-2390 MHz was coordinated prior to authorization with the Mid-Atlantic Area Frequency Coordinator (AFC), Patuxent River, MD, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC as necessary to ensure compatibility with existing uses.
- (2) Silvus Technologies, Inc. must not operate on 4710MHz due to interference with assignments already in the area.
- (3) Stop Buzzer POC must be provided to the NASA GSFC Spectrum Manager, Scott Galbraith at 301.286.5089, vincent.s.galbraith@nasa.gov. This phone shall be manned at all times during testing operations.