

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

EXPERIMENTAL

(Nature of Service)

WF9XFZ

(Call Sign)

XT MO

(Class of Station)

0626-EX-ST-2011

(File Number)

NAME BAE Systems Information and Electronic Systems Integration 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:

The experiment for which this STA is requested will involve proof of concept for next generation airborne COMINT (Communication Intelligence) for UAV's.

Station Locations

- (1) MOBILE: Mobile Operations (Ground), Hudson, NH, within 0.45 km, centered around NL 42-48-22; WL 71-25-33

Frequency Information

MOBILE: Mobile Operations (Ground), Hudson, NH, within 0.45 km, centered around NL 42-48-22; WL 71-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626-1660 MHz	MO	2M40G1D 4M79G1D 9M58G1D	3.16 W (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.

This authorization effective October 23, 2011 and
will expire 3:00 A.M. EST April 24, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation is subject to prior coordination the frequency band 1626.5-1660 MHz with LightSquared.
- (4) BAE Systems and the project manager needs to be aware that in the future, and in the U.S., operational use of the 1626 - 1660 MHz band may not be possible if not impossible and they should plan to utilize other frequency bands.