

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

EXPERIMENTAL

(Nature of Service)

WG2XAX

(Call Sign)

XT MO

(Class of Station)

0630-EX-PL-2011

(File Number)

NAME BAE Systems Information and Electronic Systems Integration 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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Temporary Fixed (Ground), Merrimack, NH, within 0.5 km, centered around
NL 42-48-39; WL 71-29-18

Frequency Information

MOBILE: Temporary Fixed (Ground), Merrimack, NH, within 0.5 km, centered around NL 42-48-39; WL 71-29-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	MO	N0N 47M9G7W	50 W (ERP)	
14.5-14.602 GHz	MO	N0N 47M9G7W	1000 W (ERP)	
14.61-15.242 GHz	MO	N0N 47M9G7W	1000 W (ERP)	

This authorization effective February 16, 2012 and
will expire 3:00 A.M. EST March 01, 2014

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Frequency Information

MOBILE: Temporary Fixed (Ground), Merrimack, NH, within 0.5 km, centered around NL 42-48-39; WL 71-29-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.25-15.35 GHz	MO	N0N 47M9G7W	1000 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.
- (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 coordinate with public safety entities licensed to use the 4940 MHz to 4990 MHz band within 50 miles of the test location.
- (4) Operation is NOT PERMITTED using the frequency bands 14603 MHz -14609 MHz and 15243 MHz - 15249 MHz.
- (5) The designated point-of-contact to terminate transmissions if interference occurs are George Moynihan at 603-689-8630 and BAE Systems Emergency Services Center at (603) 885-3842.