

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

EXPERIMENTAL

(Nature of Service)

WG2XCZ

(Call Sign)

XT MO

(Class of Station)

0058-EX-PL-2012

(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), Litchfield, NH, within 1 km, centered around NL 42-48-22; WL 71-25-33

Frequency Information

MOBILE: Temporary Fixed (Ground), Litchfield, NH, within 1 km, centered around NL 42-48-22; WL 71-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	MO	N0N 47M9G7W	50 W (ERP)	
14.5-15.35 GHz	MO	N0N 47M9G7W	1000 W (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) 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 March 01, 2012 and
will expire 3:00 A.M. EST March 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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 +/- 5 MHz of the frequencies 14606.25 MHz and 15246.25 MHz.
- (5) The designated point-of-contact to terminate transmissions if interference occurs are Rick Ball at (603) 318-6913 or BAE Systems Emergency Services Center (603) 885-3842.