

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

EXPERIMENTAL

(Nature of Service)

WH9XRT

(Call Sign)

XT MO

(Class of Station)

0636-EX-ST-2014

(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:

To evaluate the Retroactive Array for Coherent Transmission (ReACT) system.

Station Locations

- (1) MOBILE: Temporary Fixed Ground Operations, Merrimack, NH, within 0.75 km, centered around NL 42-48-39; WL 71-29-18

Frequency Information

MOBILE: Temporary Fixed Ground Operations, Merrimack, NH, within 0.75 km, centered around NL 42-48-39; WL 71-29-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
220 MHz	MO	N0N 10M1G1N 1M10G1N 5M10G1N	0.1 W (ERP)	
222.5 MHz	MO	5M16G7D	0.1 W (ERP)	

This authorization effective August 18, 2014 and
will expire 3:00 A.M. EST February 19, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
350 MHz	MO	N0N	0.5 W (ERP)	
460.1 MHz	MO	5M16G7D	0.1 W (ERP)	
462.6 MHz	MO	N0N 1M10G1N	0.1 W (ERP)	
465.1 MHz	MO	5M16G7D	0.1 W (ERP)	
902.5 MHz	MO	5M16G7D	0.1 W (ERP)	
907.5 MHz	MO	5M16G7D	0.5 W (ERP)	
910 MHz	MO	N0N 10M1G1N 10M2F3F 1M10G1N 5M10G1N	0.5 W (ERP)	
915 MHz	MO	N0N 10M2F3F 26M1F3F 26M1G1N 26M1G7D	0.5 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915 MHz	MO	5M16G7D	0.5 W (ERP)	
920 MHz	MO	N0N 10M1G1N 10M2F3F	0.5 W (ERP)	
927.5 MHz	MO	5M16G7D	0.1 W (ERP)	
1290 MHz	MO	N0N 1M10G1N	0.1 W (ERP)	
1292.5 MHz	MO	5M16G7D	0.1 W (ERP)	
2447 MHz	MO	5M16G7D	0.1 W (ERP)	
2450 MHz	MO	N0N 10M1G1N 1M10G1N 5M10G1N	0.5 W (ERP)	
2462 MHz	MO	N0N 1M10G1N 22M2G7D 5M16G7D	0.5 W (ERP)	

Frequency Information

MOBILE: Temporary Fixed Ground Operations, Merrimack, NH, within 0.75 km, centered around NL 42-48-39; WL 71-29-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5730 MHz	MO	N0N 10M1G1N 1M10G1N 5M10G1N	0.5 W (ERP)	
5732.5 MHz	MO	5M16G7D	0.5 W (ERP)	
5740 MHz	MO	5M16G7D	0.5 W (ERP)	
5800 MHz	MO	N0N 10M1G1N 1M10G1N 5M10G1N	0.5 W (ERP)	
5802.5 MHz	MO	5M16G7D	0.5 W (ERP)	
5810 MHz	MO	5M16G7D	0.5 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) BAE company must be "notification" of 220-222.5 MHz licensees in the immediate area of testing.
- (4) Licensee must coordinate with the local Society of Broadcast Engineers, Inc. and the affected Fixed Microwave Service licensees prior to accessing to 2450MHz and 2462MHz.

Special Conditions:

- (5) Licensee must notch out the following:
 - a. 350 MHz at the 40 MHz emission
 - b. 1277.5 MHz
 - c. 1280 MHz