

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

EXPERIMENTAL

(Nature of Service)

WH2XRG

(Call Sign)

XT MO

(Class of Station)

0115-EX-PL-2015

(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(h) of the Commission's Rules

Station Locations

- (1) MOBILE: Temporary Fixed Ground Operations, Merrimack NH, within 0.22 km, centered around NL 42-48-40; WL 71-29-17

Frequency Information

MOBILE: Temporary Fixed Ground Operations, Merrimack NH, within 0.22 km, centered around NL 42-48-40; WL 71-29-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
955 MHz	MO	5M66P0N	0.7 W (ERP)	
2005 MHz	MO	5M66P0N	3.1 W (ERP)	
2075 MHz	MO	5M66P0N	3.3 W (ERP)	
2100 MHz	MO	5M66P0N	3.4 W (ERP)	

This authorization effective April 30, 2015 and
will expire 3:00 A.M. EST May 01, 2017

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Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3050 MHz	MO	5M66P0N	7.2 W (ERP)	
4000 MHz	MO	5M66P0N	12.4 W (ERP)	
4197 MHz	MO	5M66P0N	13.6 W (ERP)	
4500 MHz	MO	5M66P0N	15.7 W (ERP)	
4800 MHz	MO	5M66P0N	18.4 W (ERP)	
4910 MHz	MO	5M66P0N	18.7 W (ERP)	
4935 MHz	MO	5M66P0N	18.8 W (ERP)	
5260-5585 MHz	MO	5M66P0N	27.1 W (ERP)	
5655-5920 MHz	MO	5M66P0N	27.1 W (ERP)	
6010 MHz	MO	5M66P0N	27.9 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6200 MHz	MO	5M66P0N	29.7 W (ERP)	
7100 MHz	MO	5M66P0N	39 W (ERP)	
8020 MHz	MO	5M66P0N	49.8 W (ERP)	
9300-9900 MHz	MO	5M66P0N	74.3 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.
- (3) Due to existing operations in the area in the below frequency ranges, stop buzzer Mr. George Moynihan, 603-689-8630 and/or alternate, BAE Systems Emergency Services Center, 603-885-3842 must be available at all times during transmission.
- (4) Operation must obtain consents from the Advanced Wireless Service licensees prior to accessing to 2005 MHz.
- (5) BAE Systems Information and Electronic Systems Integration Inc. must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation on 955 MHz, 2075 MHz, 2100 MHz and 7100 MHz.
- (6) BAE Systems Information and Electronic Systems Integration Inc. must coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to operating on 955 MHz, 4000 MHz, 4197 MHz, 6010 MHz, 6200 MHz.
- (7) BAE company can use 4197 MHz instead of using the frequency 4200 MHz.