

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

EXPERIMENTAL

(Nature of Service)

WF2XRY

(Call Sign)

XT MO

(Class of Station)

0390-EX-CR-2020

(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 Locations, Merrimack, NH, within 0.2 km, centered around
NL 42-48-30; WL 71-29-15

Frequency Information

MOBILE: Temporary Fixed Locations, Merrimack, NH, within 0.2 km, centered around NL 42-48-30; WL 71-29-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1 MHz	MO	NON	0.1 W (ERP)	
3 MHz	MO	NON	0.1 W (ERP)	
30 MHz	MO	NON	0.1 W (ERP)	
50 MHz	MO	NON	0.1 W (ERP)	

This authorization effective September 01, 2020 and
will expire 3:00 A.M. EST September 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Temporary Fixed Locations, Merrimack, NH, within 0.2 km, centered around NL 42-48-30; WL 71-29-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
100 MHz	MO	N0N	0.1 W (ERP)	
423 MHz	MO	N0N	0.1 W (ERP)	
942.275 MHz	MO	N0N	0.007 W (ERP)	
1039 MHz	MO	N0N	0.007 W (ERP)	
1192 MHz	MO	N0N	0.007 W (ERP)	
1544 MHz	MO	N0N	0.007 W (ERP)	
1757 MHz	MO	N0N	0.007 W (ERP)	
2000 MHz	MO	N0N	0.007 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) Licensee must get consent from Educational Broadband Service and Advanced Wireless licensees prior to operating on 2000 MHz.

Special Conditions:

- (4) The designated point-of-contact to terminate the system if having interference occurs is George Moynihan (603) 689-8630 and BAE Systems Emergency Services Center (603) 885-3842.
- (5) Operation is subject to prior coordination with FAA.
- (6) Operation is NOT PERMITTED use of the frequencies 5 MHz, 10 MHz, 15 MHz, 20 MHz, 25 MHz and 2280 MHz due to potential harmful interference to Federal Government operations.