

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WD2XSE

(Call Sign)

0241-EX-CR-2021

(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(b) of the Commission's Rules

Station Locations

(1) Merrimack (HILLSBOROUGH), NH - NL 42-48-40; WL 71-29-24

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-40; WL 71-29-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
900 MHz	FX	N0N	182 W (ERP)	
1400 MHz	FX	N0N	182 W (ERP)	
1900 MHz	FX	N0N	182 W (ERP)	
2100 MHz	FX	N0N	182 W (ERP)	

This authorization effective July 01, 2021 and
will expire 3:00 A.M. EST July 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-40; WL 71-29-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3500 MHz	FX	N0N	182 W (ERP)	
4000 MHz	FX	N0N	182 W (ERP)	

Special Conditions:

- (1) Assignment on 1030 MHz or in one of the bands 1215-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Eastern Coordinator, New York, NY. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Eastern Coordinator, New York, NY, as necessary to ensure compatibility with existing uses.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) 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.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is George Moynihan at 603-689-8630 and BAE Systems Emergency Services Center - (603) 885-3842.
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by USAF, contract No. FA8620-16-G-3028, The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (7) This authorization SUPERSEDES the previously issued authorization with the same Callsign and file numbers: amended contract number.