

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

EXPERIMENTAL

(Nature of Service)

XT      MO

(Class of Station)

WH2XRG

(Call Sign)

0106-EX-CR-2019

(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 (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 3050 MHz  | MO            | 5M66P0N             | 7.2 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)     |                           |

This authorization effective May 01, 2019 and  
will expire 3:00 A.M. EST May 01, 2021

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## 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 (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 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)     |                           |
| 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.