

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

EXPERIMENTAL

(Nature of Service)

WJ2XVM

(Call Sign)

XT MO

(Class of Station)

0841-EX-CN-2018

(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, Hudson, NH, within 5 km, centered around NL 42-49-00; WL 71-27-30
- (2) MOBILE: Temporary Fixed Ground Operations, Plum Island, NY, within 5 km, centered around NL 41-10-20; WL 72-12-23
- (3) MOBILE: Temporary Fixed Ground Operations, Urbana, IL, within 5 km, centered around NL 40-06-56; WL 88-13-30
- (4) MOBILE: Temporary Fixed Ground Operations, New London, CT, within 5 km, centered around NL 41-21-51; WL 72-06-00

Frequency Information

MOBILE: Temporary Fixed Ground Operations, Hudson, NH, within 5 km, centered around NL 42-49-00; WL 71-27-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
518-524 MHz	MO	6M00DXW	4 W (ERP)	
536-542 MHz	MO	6M00DXW	4 W (ERP)	

This authorization effective November 30, 2018 and
will expire 3:00 A.M. EST December 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Temporary Fixed Ground Operations, Plum Island, NY, within 5 km, centered around NL 41-10-20; WL 72-12-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
554-560 MHz	MO	6M00DXW	4 W (ERP)	
560-566 MHz	MO	6M00DXW	4 W (ERP)	

MOBILE: Temporary Fixed Ground Operations, Urbana, IL, within 5 km, centered around NL 40-06-56; WL 88-13-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
530-536 MHz	MO	6M00DXW	4 W (ERP)	
560-566 MHz	MO	6M00DXW	4 W (ERP)	

MOBILE: Temporary Fixed Ground Operations, New London, CT, within 5 km, centered around NL 41-21-51; WL 72-06-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
554-560 MHz	MO	6M00DXW	4 W (ERP)	
560-566 MHz	MO	6M00DXW	4 W (ERP)	

Special Conditions:

- (1) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."

Special Conditions:

- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation is subject to prior coordination with the local Society of Broadcast Engineers frequency coordinator to protect the Broadcast Auxiliary Services operations.
- (5) Stop Buzzers, James T. Dolan (202) 580 5311 and Apurva N. Mody (404) 819-0314.