

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WO9XCV

(Call Sign)

XC MO

(Class of Station)

0392-EX-ST-2019

(File Number)

NAME BAE Systems Information and Electronic Systems Integration Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The DARPA Trident Spectre 2019 Test Event.

Station Locations

- (1) MOBILE: Airborne Operations Merrimack, NH, within 0.5 km, centered around NL 42-48-35; WL 71-29-19

Frequency Information

MOBILE: Airborne Operations Merrimack, NH, within 0.5 km, centered around NL 42-48-35; WL 71-29-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1850 MHz	MO	11M2G1D	1 W (ERP)	
2025-2199 MHz	MO	21M5G1D	1 W (ERP)	
2311-2319 MHz	MO	8M00G1D	1 W (ERP)	

This authorization effective April 15, 2019 and
will expire 3:00 A.M. EST June 16, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Airborne Operations Merrimack, NH, within 0.5 km, centered around NL 42-48-35; WL 71-29-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2346-2359 MHz	MO	13M0G1D	1 W (ERP)	
2396-2500 MHz	MO	21M5G1D	1 W (ERP)	
4400-4990 MHz	MO	21M5G1D	1 W (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee must obtain consents from the Advance Wireless Service licensees prior to accessing to 1755-1780 MHz and 2110-2199 MHz bands.
- (4) Licensee must obtain consents from the Broadband Radio Service licensees prior to operation to 2496-2500 MHz band.
- (5) Licensee must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 2025-2110 MHz and 2450-2500 MHz bands.
- (6) Licensee must coordinate with the affected Fixed Microwave Service licensees prior to operation in 2450-2500 MHz band.
- (7) Prior to commencing any operations in WCS 2311-2319 MHz and 2346-2359 MHz frequencies, licensee must obtain consent from the WCS licensee (AT&T).
- (8) Operation is NOT PERMITTED using the frequency band 1350-1370 MHz, 2200-2310 MHz.