

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

EXPERIMENTAL

(Nature of Service)

WP9XEF

(Call Sign)

XT MO

(Class of Station)

1672-EX-ST-2019

(File Number)

NAME The KeyW Corporation

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:

Applicant seeks FCC Special Temporary Authority to permit testing of an innovative airborne radar service. See Attachments A & B and Exhibits. Attachments A & B may be public.

Station Locations

(1) MOBILE: Dahlgren, VA, within 15 km, centered around NL 38-20-10; WL 77-02-17

Frequency Information

MOBILE: Dahlgren, VA, within 15 km, centered around NL 38-20-10; WL 77-02-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8.5-9 GHz	MO	0G50Q3N	5000 W (ERP)	
9.2-10.68 GHz	MO	1G48Q3N	5000 W (ERP)	
10.7-12 GHz	MO	1G30Q3N	5000 W (ERP)	

This authorization effective October 08, 2019 and
will expire 3:00 A.M. EST November 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) The stop buzzer contact for this project is Primary: Mr. Nathan Binkley (937) 681-0904, Alternate: Mr. Wes Cox (443) 745-5924.
- (4) Coordinate with the Fixed Microwave Service licensees in accordance with 47 C.F.R, Part 101.103(d) prior to operation in 9.2-10.68 GHz and 10.7-12 GHz bands.
- (5) The KeyW Corporation must exclude the 10.68 – 10.7 GHz band in accordance with Footnote US246 to protect ongoing operations.
- (6) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (7) The KeyW Corporation must not operate on the following frequency band to prevent interference to federal operations and allocated services:
8025 – 8500 MHz
- (8) The Department of the Navy concurs with the use of the frequencies as proposed, provided The KeyW Corporation coordinate with Navy & Marine Corps Spectrum Office Atlantic (NMCSO LANT) 757-444-4586, nmcsolant_frequency_action@navy.mil and mid-Atlantic Area Frequency Coordinator, robert.n.goddard@navy.mil 24 hours prior to operations and provide a current stop buzzer contact name and phone number in the event that interference is encountered.