

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

EXPERIMENTAL

(Nature of Service)

WP9XEF

(Call Sign)

XT MO

(Class of Station)

1530-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 final checkout testing of an innovative airborne radar service.

Station Locations

- (1) MOBILE: Brownwood MOA, TX, within 90 km, centered around NL 31-34-26; WL 99-04-00

Frequency Information

MOBILE: Brownwood MOA, TX, within 90 km, centered around NL 31-34-26; WL 99-04-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8-9 GHz	MO	1G00Q3N	2500 W (ERP)	
9.2-10.68 GHz	MO	1G48Q3N	2500 W (ERP)	
10.7-12 GHz	MO	1G30Q3N	2500 W (ERP)	

This authorization effective September 05, 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 incumbent fixed microwave in accordance with 47 C.F.R., Part 101.103(d) in the 10550-10680 MHz and 10700-12200 MHz bands in each corresponding proposed venue prior to conducting the testing.
- (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.