

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WN9XDE

(Call Sign)

1248-EX-ST-2018

(File Number)

NAME Pivotal Commware

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:

Pivotal seeks to undertake low power, short-term testing of a prototype for its cutting-edge Holographic Beam Forming (HBF) antenna technology.

Station Locations

(1) Kirkland (KING), WA - NL 47-41-47; WL 122-10-56

Frequency Information

Kirkland (KING), WA - NL 47-41-47; WL 122-10-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.5-15.35 GHz	FX	950MF1N 950MF1N	3 W (Output Power)	0.0008 %
14.5-15.35 GHz	FX	2M00F1N 2M00M1N	3 kW (ERP)	0.0008 %

This authorization effective October 18, 2018 and
will expire 3:00 A.M. EST January 18, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) Pivotal Commware should be aware that due to the geographic location of this application, NTIA is concerned that the potential for interference with Canadian national licensees is a possibility and that should interference occur, NTIA expects Pivotal Commware to adhere to the standard restrictions/conditions as if interference with an authorized US licensee had occurred.