

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WJ9XHD

(Call Sign)

0020-EX-ST-2017

(File Number)

NAME HF Innovations, LLC

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:

Research and testing of the performance and reliability of HF prototype equipment and associated software.

Station Locations

- (1) Richardson, TX - NL 32-57-24; WL 96-42-57
- (2) Van Alstyne (GRAYSON), TX - NL 33-24-56; WL 96-34-29

Frequency Information

Richardson, TX - NL 32-57-24; WL 96-42-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.438-4.65 MHz	FX	3K20G2D 3K20J2D	1584 W (ERP)	1.0E-6 %
5.06-5.45 MHz	FX	3K20G2D 3K20J2D	1584 W (ERP)	1.0E-6 %

This authorization effective January 09, 2017 and
will expire 3:00 A.M. EST July 09, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Richardson, TX - NL 32-57-24; WL 96-42-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6.765-7 MHz	FX	3K20G2D 3K20J2D	2511 W (ERP)	1.0E-6 %
7.45-8.1 MHz	FX	3K20G2D 3K20J2D	6309 W (ERP)	1.0E-6 %
10.15-11.175 MHz	FX	3K20G2D 3K20J2D	2511 W (ERP)	1.0E-6 %
13.41-13.57 MHz	FX	3K20G2D 3K20J2D	5011 W (ERP)	1.0E-6 %
14.35-14.99 MHz	FX	3K20G2D 3K20J2D	5011 W (ERP)	1.0E-6 %
20.01-21 MHz	FX	3K20G2D 3K20J2D	6309 W (ERP)	1.0E-6 %
23.35-24.89 MHz	FX	3K20G2D 3K20J2D	7943 W (ERP)	1.0E-6 %

Frequency Information

Van Alstyne (GRAYSON), TX - NL 33-24-56; WL 96-34-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.438-4.65 MHz	FX	G2D J2D	1584 W (ERP)	1.0E-6 %
5.06-5.45 MHz	FX	G2D J2D	1584 W (ERP)	1.0E-6 %
6.765-7 MHz	FX	G2D J2D	2511 W (ERP)	1.0E-6 %
7.45-8.1 MHz	FX	G2D J2D	6309 W (ERP)	1.0E-6 %
10.15-11.175 MHz	FX	G2D J2D	2511 W (ERP)	1.0E-6 %
13.41-13.57 MHz	FX	G2D J2D	5011 W (ERP)	1.0E-6 %
14.35-14.99 MHz	FX	G2D J2D	5011 W (ERP)	1.0E-6 %
20.01-21 MHz	FX	G2D J2D	6309 W (ERP)	1.0E-6 %

Frequency Information

Van Alstyne (GRAYSON), TX - NL 33-24-56; WL 96-34-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
23.35-24.89 MHz	FX	G2D J2D	7943 W (ERP)	1.0E-6 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.