

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WG9XRP

(Call Sign)

0662-EX-ST-2013

(File Number)

NAME Harris 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:

Testing and military observed on air demonstrations of a HF Wideband waveform utilizing a Harris radio operating at 24 kHz bandwidth to allow faster data transfer via HF communications.

Station Locations

(1) Nationwide, US

Frequency Information

Nationwide, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10800 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
11550 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
14550 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %

This authorization effective August 13, 2013 and
will expire 3:00 A.M. EST February 13, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Nationwide, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16529.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
16535.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
16684.5 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
16811 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22160.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22163.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22166.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22169.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22172.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22288.5 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %

Frequency Information

Nationwide, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
22297 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22380.5 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %

Special Conditions:

(1) Harris Corporation must notch out the following frequencies:

- a. 6970 kHz
- b. 7410 kHz
- c. 7483 kHz
- d. 7650 kHz
- e. 7698 kHz
- f. 7990 kHz
- g. 8060 kHz
- h. 9050 kHz
- i. 9350 kHz
- j. 10200 kHz
- k. 10400 kHz
- l. 10600 kHz
- m. 16532.4 kHz