

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WG9XRP

(Call Sign)

0367-EX-ST-2014

(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:

Demonstrations of a HF Wideband waveform for various military groups.

Station Locations

- (1) Huntsville (MARSHALL), AL - NL 34-27-00; WL 86-21-00; MOBILE: , within 56 km
- (2) Venus (MARION), GA - NL 32-16-48; WL 84-35-24; MOBILE: , within 56 km

Frequency Information

Huntsville (MARSHALL), AL - NL 34-27-00; WL 86-21-00; MOBILE: , within 56 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6970 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
6970 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
7410 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %

This authorization effective May 28, 2014 and
will expire 3:00 A.M. EST November 28, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Huntsville (MARSHALL), AL - NL 34-27-00; WL 86-21-00; MOBILE: , within 56 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7410 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
7483 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
7483 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
7698 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
7698 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
7990 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
7990 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
9350 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
9350 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
10200 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %

Frequency Information

Huntsville (MARSHALL), AL - NL 34-27-00; WL 86-21-00; MOBILE: , within 56 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10200 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
10400 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
10400 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
10600 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
10600 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
10800 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
10800 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
11550 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
11550 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
14550 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %

Frequency Information

Huntsville (MARSHALL), AL - NL 34-27-00; WL 86-21-00; MOBILE: , within 56 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14550 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
16529.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
16529.4 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
16532.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
16532.4 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
16535.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
16535.4 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
16684.5 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
16684.5 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
16811 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %

Frequency Information

Huntsville (MARSHALL), AL - NL 34-27-00; WL 86-21-00; MOBILE: , within 56 km

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

Frequency Information

Huntsville (MARSHALL), AL - NL 34-27-00; WL 86-21-00; MOBILE: , within 56 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
22172.4 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
22288.5 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22288.5 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
22297 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22297 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
22380.5 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22380.5 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %

Venus (MARION), GA - NL 32-16-48; WL 84-35-24; MOBILE: , within 56 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6970 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
6970 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %

Frequency Information

Venus (MARION), GA - NL 32-16-48; WL 84-35-24; MOBILE: , within 56 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7410 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
7410 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
7483 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
7483 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
7698 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
7698 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
7990 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
7990 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
9350 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
9350 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %

Frequency Information

Venus (MARION), GA - NL 32-16-48; WL 84-35-24; MOBILE: , within 56 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10200 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
10200 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
10400 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
10400 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
10600 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
10600 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
10800 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
10800 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
11550 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
11550 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %

Frequency Information

Venus (MARION), GA - NL 32-16-48; WL 84-35-24; MOBILE: , within 56 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14550 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
14550 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
16529.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
16529.4 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
16532.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
16532.4 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
16535.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
16535.4 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
16684.5 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
16684.5 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %

Frequency Information

Venus (MARION), GA - NL 32-16-48; WL 84-35-24; MOBILE: , within 56 km

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16811 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
16811 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
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22160.4 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
22163.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22163.4 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
22166.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22166.4 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
22169.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22169.4 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %

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Venus (MARION), GA - NL 32-16-48; WL 84-35-24; MOBILE: , within 56 km

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22172.4 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22172.4 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
22288.5 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22288.5 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
22297 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22297 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %
22380.5 kHz	FX	24K0J1D	150 W (ERP)	0.0015 %
22380.5 kHz	MO	24K0J1D	150 W (ERP)	0.0015 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Harris Corp must notch out the following: 8060 kHz.