

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WC2XZK

(Call Sign)

0346-EX-ST-2010

(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:

Demonstration of land mobile radio conventional and trunked radios and systems at the APCO 2010 trade show.

Station Locations

(1) Houston (HARRIS), TX - NL 29-45-08; WL 95-21-09; MOBILE:within 1 km

Frequency Information

Houston (HARRIS), TX - NL 29-45-08; WL 95-21-09; MOBILE:within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-162.0125 MHz	MO	11K3F1D	1 W (ERP)	0.0005 %
		11K3F1E		
		11K3F2D		
		11K3F3E		
		11K3F9W		
		20K0F1D		
		20K0F1E		
		20K0F2D		
		20K0F3E		

This authorization effective July 29, 2010 and
will expire 3:00 A.M. EST August 08, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Houston (HARRIS), TX - NL 29-45-08; WL 95-21-09; MOBILE:within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-162.0125 MHz	MO	20K0F9W	1 W (ERP)	0.0005 %
150-162.0125 MHz	FX	11K3F1D 11K3F1E 11K3F2D 11K3F3E 11K3F9W 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W	100 mW (ERP)	0.0005 %
162.0125-174 MHz	MO	11K2D9W 11K2F1D 11K2F3E 11K2F1E	1 W (ERP)	0.0005 %
162.0125-174 MHz	FX	11K2F1E 11K2F1D 11K2D9W 11K2F3E	100 mW (ERP)	0.0005 %
450-512 MHz	MO	11K3F1D 11K3F1E 11K3F2D 11K3F3E 11K3F9W 20K0F1D 20K0F1E	1 W (ERP)	0.0005 %

Frequency Information

Houston (HARRIS), TX - NL 29-45-08; WL 95-21-09; MOBILE:within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-512 MHz	MO	20K0F2D 20K0F3E 20K0F9W	1 W (ERP)	0.0005 %
450-512 MHz	FX	11K3F1D 11K3F1E 11K3F2D 11K3F3E 11K3F9W 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W	100 mW (ERP)	0.0005 %
698-716 MHz	MO	5M00F8W	0.5 W (ERP)	0.0005 %
728-746 MHz	FX	5M00F8W	0.02 W (ERP)	0.0005 %
806-817 MHz	MO	11K3F1D 11K3F1E 11K3F2D 11K3F3E 11K3F9W 20K0F1D 20K0F1E 20K0F2D 20K0F3E	1 W (ERP)	0.0005 %

Frequency Information

Houston (HARRIS), TX - NL 29-45-08; WL 95-21-09; MOBILE:within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
806-817 MHz	MO	20K0F9W	1 W (ERP)	0.0005 %
851-862 MHz	MO	11K3F1D 11K3F1E 11K3F2D 11K3F3E 11K3F9W 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W	1 W (ERP)	0.0005 %
851-862 MHz	FX	11K3F1D 11K3F1E 11K3F2D 11K3F3E 11K3F9W 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W	100 mW (ERP)	0.0005 %
1920-1990 MHz	FX	1M25F9W 5M00GXW	0.064 W (ERP)	0.0005 %
1920-1990 MHz	MO	5M00GXW	0.5 W (ERP)	0.0005 %

Frequency Information

Houston (HARRIS), TX - NL 29-45-08; WL 95-21-09; MOBILE:within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1990 MHz	MO	1M25F9W	0.5 W (ERP)	0.0005 %
2110-2170 MHz	MO	1M25F9W 5M00GXW	0.5 W (ERP)	0.0005 %
2110-2170 MHz	FX	5M00GXW 1M25F9W	64 mW (ERP)	0.0005 %

Special Conditions:

- (1) Operation in the 1910-1930 MHz band requires coordination with UTAM, Inc. pursuant to Section 15.307 of the Commission's Rules.
- (2) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (3) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (4) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (5) 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.
- (6) Operations are restricted to the land mobile service frequencies listed in 47 CFR, Part 90.35 (in addition to the Part 74 frequencies in Special Condition 7) and use of these frequencies must be coordinated with the appropriate land mobile frequency coordinator.
- (7) Operations are restricted to Part 74 frequencies (in addition to the Part 90 frequencies in Special Condition 6).
- (8) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: consolidates data into one correct location, decreases power, eliminates use of public safety frequencies and removes APCO coordination condition, adds UTAM coordination condition, adds conditions requiring consent of PCS and AWS licensees and requires coordination with affected microwave licensees