

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

EXPERIMENTAL

(Nature of Service)

WD2XDH

(Call Sign)

FX MO

(Class of Station)

0164-EX-ST-2003

(File Number)

NAME Motorola, Inc.

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 demonstration of prototype equipment for digital television ("DTV") and public safety use.

Station Locations

- (1) Redwood, CA - NL 37-29-19; WL 122-13-04; MOBILE: Redwood, CA, within 24 km, centered around NL 37-29-19; WL 122-13-04

Frequency Information

Redwood, CA - NL 37-29-19; WL 122-13-04; MOBILE: Redwood, CA, within 24 km, centered around NL 37-29-19; WL 122-1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
54-72 MHz	FX	6M00F1D	10 W (ERP)	
54-72 MHz	FX	6M00G7F	10 W (ERP)	
54-72 MHz	FX	6M00F7F	10 W (ERP)	
54-72 MHz	FX	6M00D7W	10 W (ERP)	
54-72 MHz	MO	6M00F1D	1 W (ERP)	
54-72 MHz	MO	6M00G7F	1 W (ERP)	
54-72 MHz	MO	6M00F7F	1 W (ERP)	
54-72 MHz	MO	6M00D7W	1 W (ERP)	
76-88 MHz	FX	6M00F1D	10 W (ERP)	
76-88 MHz	FX	6M00G7F	10 W (ERP)	
76-88 MHz	FX	6M00F7F	10 W (ERP)	

This authorization effective May 14, 2003 and
will expire 3:00 A.M. EST November 14, 2003

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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76-88 MHz	FX	6M00D7W	10 W (ERP)	
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76-88 MHz	MO	6M00G7F	1 W (ERP)	
76-88 MHz	MO	6M00F7F	1 W (ERP)	
76-88 MHz	MO	6M00D7W	1 W (ERP)	
174-216 MHz	FX	6M00F1D	10 W (ERP)	
174-216 MHz	FX	6M00G7F	10 W (ERP)	
174-216 MHz	FX	6M00F7F	10 W (ERP)	
174-216 MHz	FX	6M00D7W	10 W (ERP)	
174-216 MHz	MO	6M00F1D	1 W (ERP)	
174-216 MHz	MO	6M00G7F	1 W (ERP)	
174-216 MHz	MO	6M00F7F	1 W (ERP)	
174-216 MHz	MO	6M00D7W	1 W (ERP)	
470-608 MHz	FX	6M00F1D	10 W (ERP)	
470-608 MHz	FX	6M00G7F	10 W (ERP)	
470-608 MHz	FX	6M00F7F	10 W (ERP)	
470-608 MHz	FX	6M00D7W	10 W (ERP)	
470-608 MHz	MO	6M00D7W	1 W (ERP)	
470-608 MHz	MO	6M00F1D	1 W (ERP)	
470-608 MHz	MO	6M00G7F	1 W (ERP)	
470-608 MHz	MO	6M00F7F	1 W (ERP)	
614-806 MHz	FX	6M00D7W	10 W (ERP)	
614-806 MHz	FX	6M00F1D	10 W (ERP)	
614-806 MHz	FX	6M00G7F	10 W (ERP)	
614-806 MHz	FX	6M00F7F	10 W (ERP)	
614-806 MHz	MO	6M00D7W	1 W (ERP)	
614-806 MHz	MO	6M00F1D	1 W (ERP)	
614-806 MHz	MO	6M00G7F	1 W (ERP)	
614-806 MHz	MO	6M00F7F	1 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.

Special Conditions:

- (4) Operations in the upper and lower 700 MHz bands must be prior coordinated with existing and new Part 27 and Part 90 licensees to avoid interference.
- (5) Licensee should be aware that control and repeater stations in San Francisco, CA may be licensed on frequencies in the 470-512 MHz band and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.