

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

EXPERIMENTAL

(Nature of Service)

WE9XHM

(Call Sign)

XD FX MO

(Class of Station)

0348-EX-ST-2010

(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:

To demonstrate prototype broadband Long-Term Evolution (LTE) devices.

Station Locations

- (1) Houston, TX - NL 29-45-03; WL 95-21-32
- (2) MOBILE: Within 500 feet (0.15 km) of Fixed Base Station at Houston, Texas, within 0.15 km, centered around NL 29-45-03; WL 95-21-32

Frequency Information

Houston, TX - NL 29-45-03; WL 95-21-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	5M00G7D	10 W (ERP)	
		5M00W7W		
		5M00D7D		
		5M00G2D		
		5M00D7D		
		10M0G7D		
		10M0W7W		
		10M0G2D		

This authorization effective July 30, 2010 and
will expire 3:00 A.M. EST August 07, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Houston, TX - NL 29-45-03; WL 95-21-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0D7D	10 W (ERP)	
788-798 MHz	FX	5M00G7D	10 W (ERP)	
		5M00W7W		
		5M00D7D		
		5M00G2D		
		5M00D7D		
		10M0G7D		
		10M0W7W		
		10M0G2D		
		10M0D7D		

MOBILE: Within 500 feet (0.15 km) of Fixed Base Station at Houston, Texas, within 0.15 km, centered around NL 29-45-03; WL 95-21-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	MO	5M00G7D	2.5 W (ERP)	
		5M00W7W		
		5M00G2D		
		5M00D7D		
		10M0G7D		
		10M0W7W		
		10M0G2D		
		10M0D7D		
788-798 MHz	MO	5M00G7D	2.5 W (ERP)	
		5M00W7W		
		5M00G2D		
		5M00D7D		
		10M0G7D		

Frequency Information

MOBILE: Within 500 feet (0.15 km) of Fixed Base Station at Houston, Texas, within 0.15 km, centered around NL 29-45-03; WL 95-21-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	MO	10M0W7W 10M0G2D 10M0D7D	2.5 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Director of Frequency Coordination; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.
- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.
- (5) 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.