

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WC2XJT

(Call Sign)

XD FX MO

(Class of Station)

0214-EX-RR-2010

(File Number)

NAME Motorola, Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) Schaumburg, IL - NL 42-02-39; WL 88-02-36; MOBILE: Within 32 km of the base station, which will be located within 24 km of the coordinates shown, centered around NL 42-02-39; WL 88-02-36
- (2) Chicago, IL - NL 41-52-54; WL 87-38-29; MOBILE: Within 32 km of the base station, which will be located within 24 km of the coordinates shown, centered around NL 41-52-54; WL 87-38-29
- (3) Plantation, FL - NL 27-08-51; WL 80-15-15; MOBILE: Within 32 km of the base station, which will be located within 24 km of the coordinates shown, centered around NL 27-08-51; WL 80-15-15
- (4) Tampa, FL - NL 27-53-28; WL 82-47-22; MOBILE: Within 32 km of the base station, which will be located within 24 km of the coordinates shown, centered around NL 27-53-28; WL 82-47-22

Frequency Information

Schaumburg, IL - NL 42-02-39; WL 88-02-36; MOBILE: Within 32 km of the base station, which will be located within 24 km of

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
764-776 MHz	FX	130KD7W 22K0F1D 11K0F1D	450 W (ERP)	

This authorization effective August 01, 2010 and
will expire 3:00 A.M. EST August 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Schaumburg, IL - NL 42-02-39; WL 88-02-36; MOBILE: Within 32 km of the base station, which will be located within 24 km c

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
794-806 MHz	MO	130KD7W 22K0F1D 11K0F1D	6 W (ERP)	

Chicago, IL - NL 41-52-54; WL 87-38-29; MOBILE: Within 32 km of the base station, which will be located within 24 km of the

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
764-776 MHz	FX	130KD7W 22K0F1D 11K0F1D	450 W (ERP)	
794-806 MHz	MO	130KD7W 22K0F1D 11K0F1D	6 W (ERP)	

Plantation, FL - NL 27-08-51; WL 80-15-15; MOBILE: Within 32 km of the base station, which will be located within 24 km of t

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
764-776 MHz	FX	130KD7W 22K0F1D 11K0F1D	450 W (ERP)	
794-806 MHz	MO	130KD7W 22K0F1D	6 W (ERP)	

Frequency Information

Plantation, FL - NL 27-08-51; WL 80-15-15; MOBILE: Within 32 km of the base station, which will be located within 24 km of t

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
794-806 MHz	MO	11K0F1D	6 W (ERP)	

Tampa, FL - NL 27-53-28; WL 82-47-22; MOBILE: Within 32 km of the base station, which will be located within 24 km of the

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
764-776 MHz	FX	130KD7W 22K0F1D 11K0F1D	450 W (ERP)	
794-806 MHz	MO	130KD7W 22K0F1D 11K0F1D	6 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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 in the upper 700 MHz bands must be prior coordinated with existing and new Part 27 and Part 90 licensees to avoid interference.