

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

EXPERIMENTAL

(Nature of Service)

KB2XWO

(Call Sign)

XD FX MO

(Class of Station)

0063-EX-RR-2004

(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(g) of the Commission's Rules

Station Locations

- (1) SCHAUMBURG (COOK), IL - NL 42-03-54; WL 88-02-54; MOBILE:within 113 km
- (2) CAROL STREAM (DU PAGE), IL - NL 41-53-55; WL 88-05-48
- (3) CHICAGO (COOK), IL - NL 41-58-43; WL 87-50-34
- (4) PALATINE (COOK), IL - NL 42-07-23; WL 88-02-08
- (5) MCHENRY (LAKE), IL - NL 42-21-20; WL 88-19-00

Frequency Information

SCHAUMBURG (COOK), IL - NL 42-03-54; WL 88-02-54; MOBILE:within 113 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
821-824 MHz	MO	15K0F2D	40 W (Output Power)	
821-824 MHz	MO	16K0F3E	40 W (Output Power)	
821-824 MHz	MO	16K0F8D	40 W (Output Power)	
821-824 MHz	MO	16K8F1E	40 W (Output Power)	
821-824 MHz	MO	20K0F1E	40 W (Output Power)	
821-824 MHz	MO	20K0W1W	40 W (Output Power)	
821-824 MHz	MO	20K0W7W	40 W (Output Power)	
821-824 MHz	MO	8K10F1E	40 W (Output Power)	
821-824 MHz	MO	8K80D1W	40 W (Output Power)	
866-869 MHz	FX	15K0F2D	125 W (Output Power)	
866-869 MHz	FX	16K0F3E	125 W (Output Power)	
866-869 MHz	FX	16K0F8D	125 W (Output Power)	

This authorization effective June 01, 2004 and
will expire 3:00 A.M. EST June 01, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

SCHAUMBURG (COOK), IL - NL 42-03-54; WL 88-02-54; MOBILE:within 113 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
866-869 MHz	FX	16K8F1E	125 W (Output Power)	
866-869 MHz	FX	20K0F1E	125 W (Output Power)	
866-869 MHz	FX	20K0W1W	125 W (Output Power)	
866-869 MHz	FX	20K0W7W	125 W (Output Power)	
866-869 MHz	FX	8K10F1E	125 W (Output Power)	
866-869 MHz	FX	8K80D1W	125 W (Output Power)	

CAROL STREAM (DU PAGE), IL - NL 41-53-55; WL 88-05-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
866-869 MHz	FX	15K0F2D	125 W (Output Power)	
866-869 MHz	FX	16K0F3E	125 W (Output Power)	
866-869 MHz	FX	16K0F8D	125 W (Output Power)	
866-869 MHz	FX	16K8F1E	125 W (Output Power)	
866-869 MHz	FX	20K0F1E	125 W (Output Power)	
866-869 MHz	FX	20K0W1W	125 W (Output Power)	
866-869 MHz	FX	20K0W7W	125 W (Output Power)	
866-869 MHz	FX	8K10F1E	125 W (Output Power)	
866-869 MHz	FX	8K80D1W	125 W (Output Power)	

CHICAGO (COOK), IL - NL 41-58-43; WL 87-50-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
866-869 MHz	FX	15K0F2D	125 W (Output Power)	
866-869 MHz	FX	16K0F3E	125 W (Output Power)	
866-869 MHz	FX	16K0F8D	125 W (Output Power)	
866-869 MHz	FX	16K8F1E	125 W (Output Power)	
866-869 MHz	FX	20K0F1E	125 W (Output Power)	
866-869 MHz	FX	20K0W1W	125 W (Output Power)	
866-869 MHz	FX	20K0W7W	125 W (Output Power)	
866-869 MHz	FX	8K10F1E	125 W (Output Power)	
866-869 MHz	FX	8K80D1W	125 W (Output Power)	

Frequency Information

PALATINE (COOK), IL - NL 42-07-23; WL 88-02-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
866-869 MHz	FX	15K0F2D	125 W (Output Power)	
866-869 MHz	FX	16K0F3E	125 W (Output Power)	
866-869 MHz	FX	16K0F8D	125 W (Output Power)	
866-869 MHz	FX	16K8F1E	125 W (Output Power)	
866-869 MHz	FX	20K0F1E	125 W (Output Power)	
866-869 MHz	FX	20K0W1W	125 W (Output Power)	
866-869 MHz	FX	20K0W7W	125 W (Output Power)	
866-869 MHz	FX	8K10F1E	125 W (Output Power)	
866-869 MHz	FX	8K80D1W	125 W (Output Power)	

MCHENRY (LAKE), IL - NL 42-21-20; WL 88-19-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
866-869 MHz	FX	15K0F2D	125 W (Output Power)	
866-869 MHz	FX	16K0F3E	125 W (Output Power)	
866-869 MHz	FX	16K0F8D	125 W (Output Power)	
866-869 MHz	FX	16K8F1E	125 W (Output Power)	
866-869 MHz	FX	20K0F1E	125 W (Output Power)	
866-869 MHz	FX	20K0W1W	125 W (Output Power)	
866-869 MHz	FX	20K0W7W	125 W (Output Power)	
866-869 MHz	FX	8K10F1E	125 W (Output Power)	
866-869 MHz	FX	8K80D1W	125 W (Output Power)	

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.