

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

EXPERIMENTAL

(Nature of Service)

KA2XWD

(Call Sign)

XD FX MO

(Class of Station)

0071-EX-RR-2002

(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 (COOK), IL - NL 42-03-54; WL 88-02-54; MOBILE:within 80 km

Frequency Information

SCHAUMBURG (COOK), IL - NL 42-03-54; WL 88-02-54; MOBILE:within 80 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406.35 MHz	FX	15K0F2D	200 W (ERP)	0.005 %
406.35 MHz	FX	16K0F1D	200 W (ERP)	0.005 %
406.35 MHz	FX	16K0F3E	200 W (ERP)	0.005 %
406.35 MHz	FX	20K0F1E	200 W (ERP)	0.005 %
407.55 MHz	FX	15K0F2D	200 W (ERP)	0.005 %
407.55 MHz	FX	16K0F1D	200 W (ERP)	0.005 %
407.55 MHz	FX	16K0F3E	200 W (ERP)	0.005 %
407.55 MHz	FX	20K0F1E	200 W (ERP)	0.005 %
407.95 MHz	FX	15K0F2D	200 W (ERP)	0.005 %
407.95 MHz	FX	16K0F1D	200 W (ERP)	0.005 %
407.95 MHz	FX	16K0F3E	200 W (ERP)	0.005 %
407.95 MHz	FX	20K0F1E	200 W (ERP)	0.005 %
408.75 MHz	FX	15K0F2D	200 W (ERP)	0.005 %
408.75 MHz	FX	16K0F1D	200 W (ERP)	0.005 %
408.75 MHz	FX	16K0F3E	200 W (ERP)	0.005 %
408.75 MHz	FX	20K0F1E	200 W (ERP)	0.005 %

This authorization effective June 01, 2002 and
will expire 3:00 A.M. EST June 01, 2004

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

SCHAUMBURG (COOK), IL - NL 42-03-54; WL 88-02-54; MOBILE:within 80 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
409.55 MHz	FX	15K0F2D	200 W (ERP)	0.005 %
409.55 MHz	FX	16K0F1D	200 W (ERP)	0.005 %
409.55 MHz	FX	16K0F3E	200 W (ERP)	0.005 %
409.55 MHz	FX	20K0F1E	200 W (ERP)	0.005 %
415.15 MHz	MO	15K0F2D	110 W (ERP)	0.005 %
415.15 MHz	MO	16K0F1D	110 W (ERP)	0.005 %
415.15 MHz	MO	16K0F3E	110 W (ERP)	0.005 %
415.15 MHz	MO	20K0F1E	110 W (ERP)	0.005 %
415.55 MHz	MO	15K0F2D	110 W (ERP)	0.005 %
415.55 MHz	MO	16K0F1D	110 W (ERP)	0.005 %
415.55 MHz	MO	16K0F3E	110 W (ERP)	0.005 %
415.55 MHz	MO	20K0F1E	110 W (ERP)	0.005 %
416.75 MHz	MO	15K0F2D	110 W (ERP)	0.005 %
416.75 MHz	MO	16K0F1D	110 W (ERP)	0.005 %
416.75 MHz	MO	16K0F3E	110 W (ERP)	0.005 %
416.75 MHz	MO	20K0F1E	110 W (ERP)	0.005 %
417.55 MHz	MO	15K0F2D	110 W (ERP)	0.005 %
417.55 MHz	MO	16K0F1D	110 W (ERP)	0.005 %
417.55 MHz	MO	16K0F3E	110 W (ERP)	0.005 %
417.55 MHz	MO	20K0F1E	110 W (ERP)	0.005 %
418.35 MHz	MO	15K0F2D	110 W (ERP)	0.005 %
418.35 MHz	MO	16K0F1D	110 W (ERP)	0.005 %
418.35 MHz	MO	16K0F3E	110 W (ERP)	0.005 %
418.35 MHz	MO	20K0F1E	110 W (ERP)	0.005 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.