

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

KC2XJZ

(Call Sign)

0081-EX-RR-2003

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

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
159.27 MHz	FX	15K0F2D	200 W (ERP)	0.03 %
159.27 MHz	FX	16K0F3D	200 W (ERP)	0.03 %
159.27 MHz	FX	16K0F3E	200 W (ERP)	0.03 %
159.27 MHz	FX	20K0F1E	200 W (ERP)	0.03 %

This authorization effective June 01, 2003 and
will expire 3:00 A.M. EST June 01, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
159.27 MHz	FX	20K0F1W	200 W (ERP)	0.03 %
866.0125-866.4825 MHz	FX	15K0F2D	100 W (ERP)	0.03 %
866.0125-866.4825 MHz	FX	16K0F1D	100 W (ERP)	0.03 %
866.0125-866.4825 MHz	FX	16K0F3D	100 W (ERP)	0.03 %
866.0125-866.4825 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
866.0125-866.4825 MHz	FX	20K0F1D	100 W (ERP)	0.03 %
866.0125-866.4825 MHz	FX	20K0F1E	100 W (ERP)	0.03 %
866.5875 MHz	FX	15K0F2D	1000 W (ERP)	0.03 %
866.5875 MHz	FX	16K0F1D	1000 W (ERP)	0.03 %
866.5875 MHz	FX	16K0F2D	1000 W (ERP)	0.03 %
866.5875 MHz	FX	16K0F3E	1000 W (ERP)	0.03 %
866.5875 MHz	FX	20K0F1D	1000 W (ERP)	0.03 %
866.5875 MHz	FX	20K0F1E	1000 W (ERP)	0.03 %
866.5875 MHz	FX	20K0F1W	1000 W (ERP)	0.03 %
866.5875 MHz	FX	20K0F7W	1000 W (ERP)	0.03 %
866.6875 MHz	FX	15K0F2D	100 W (ERP)	0.03 %
866.6875 MHz	FX	16K0F3D	100 W (ERP)	0.03 %
866.6875 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
866.6875 MHz	FX	20K0F1D	100 W (ERP)	0.03 %
866.6875 MHz	FX	20K0F1E	100 W (ERP)	0.03 %
866.9875 MHz	FX	15K0F2D	1000 W (ERP)	0.03 %
866.9875 MHz	FX	16K0F1D	1000 W (ERP)	0.03 %
866.9875 MHz	FX	16K0F2D	1000 W (ERP)	0.03 %
866.9875 MHz	FX	16K0F3E	1000 W (ERP)	0.03 %
866.9875 MHz	FX	20K0F1D	1000 W (ERP)	0.03 %
866.9875 MHz	FX	20K0F1E	1000 W (ERP)	0.03 %

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
866.9875 MHz	FX	20K0F1W	1000 W (ERP)	0.03 %
866.9875 MHz	FX	20K0F7W	1000 W (ERP)	0.03 %
867.0875 MHz	FX	15K0F2D	100 W (ERP)	0.03 %
867.0875 MHz	FX	16K0F3D	100 W (ERP)	0.03 %
867.0875 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
867.0875 MHz	FX	20K0F1D	100 W (ERP)	0.03 %
867.0875 MHz	FX	20K0F1E	100 W (ERP)	0.03 %
867.2875 MHz	FX	15K0F2D	100 W (ERP)	0.03 %
867.2875 MHz	FX	16K0F1D	100 W (ERP)	0.03 %
867.2875 MHz	FX	16K0F3D	100 W (ERP)	0.03 %
867.2875 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
867.2875 MHz	FX	20K0F1D	100 W (ERP)	0.03 %
867.2875 MHz	FX	20K0F1E	100 W (ERP)	0.03 %
867.3875 MHz	FX	15K0F2D	1000 W (ERP)	0.03 %
867.3875 MHz	FX	16K0F1D	1000 W (ERP)	0.03 %
867.3875 MHz	FX	16K0F2D	1000 W (ERP)	0.03 %
867.3875 MHz	FX	16K0F3E	1000 W (ERP)	0.03 %
867.3875 MHz	FX	20K0F1D	1000 W (ERP)	0.03 %
867.3875 MHz	FX	20K0F1E	1000 W (ERP)	0.03 %
867.3875 MHz	FX	20K0F1W	1000 W (ERP)	0.03 %
867.3875 MHz	FX	20K0F7W	1000 W (ERP)	0.03 %
867.4875 MHz	FX	15K0F2D	100 W (ERP)	0.03 %
867.4875 MHz	FX	16K0F3D	100 W (ERP)	0.03 %
867.4875 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
867.4875 MHz	FX	20K0F1D	100 W (ERP)	0.03 %
867.4875 MHz	FX	20K0F1E	100 W (ERP)	0.03 %

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
867.7875 MHz	FX	15K0F2D	1000 W (ERP)	0.03 %
867.7875 MHz	FX	16K0F1D	1000 W (ERP)	0.03 %
867.7875 MHz	FX	16K0F2D	1000 W (ERP)	0.03 %
867.7875 MHz	FX	16K0F3E	1000 W (ERP)	0.03 %
867.7875 MHz	FX	20K0F1D	1000 W (ERP)	0.03 %
867.7875 MHz	FX	20K0F1E	1000 W (ERP)	0.03 %
867.7875 MHz	FX	20K0F1W	1000 W (ERP)	0.03 %
867.7875 MHz	FX	20K0F7W	1000 W (ERP)	0.03 %
867.8875 MHz	FX	15K0F2D	100 W (ERP)	0.03 %
867.8875 MHz	FX	16K0F3D	100 W (ERP)	0.03 %
867.8875 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
867.8875 MHz	FX	20K0F1D	100 W (ERP)	0.03 %
867.8875 MHz	FX	20K0F1E	100 W (ERP)	0.03 %
868.1875 MHz	FX	15K0F2D	100 W (ERP)	0.03 %
868.1875 MHz	FX	16K0F1D	100 W (ERP)	0.03 %
868.1875 MHz	FX	16K0F3D	100 W (ERP)	0.03 %
868.1875 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
868.1875 MHz	FX	20K0F1D	100 W (ERP)	0.03 %
868.1875 MHz	FX	20K0F1E	100 W (ERP)	0.03 %
868.3875 MHz	FX	15K0F2D	1000 W (ERP)	0.03 %
868.3875 MHz	FX	16K0F1D	1000 W (ERP)	0.03 %
868.3875 MHz	FX	16K0F2D	1000 W (ERP)	0.03 %
868.3875 MHz	FX	16K0F3E	1000 W (ERP)	0.03 %
868.3875 MHz	FX	20K0F1D	1000 W (ERP)	0.03 %
868.3875 MHz	FX	20K0F1E	1000 W (ERP)	0.03 %
868.3875 MHz	FX	20K0F1W	1000 W (ERP)	0.03 %

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
868.3875 MHz	FX	20K0F7W	1000 W (ERP)	0.03 %
868.4875 MHz	FX	15K0F2D	100 W (ERP)	0.03 %
868.4875 MHz	FX	16K0F3D	100 W (ERP)	0.03 %
868.4875 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
868.4875 MHz	FX	20K0F1D	100 W (ERP)	0.03 %
868.4875 MHz	FX	20K0F1E	100 W (ERP)	0.03 %
868.8875 MHz	FX	15K0F2D	100 W (ERP)	0.03 %
868.8875 MHz	FX	16K0F3D	100 W (ERP)	0.03 %
868.8875 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
868.8875 MHz	FX	20K0F1D	100 W (ERP)	0.03 %
868.8875 MHz	FX	20K0F1E	100 W (ERP)	0.03 %
869.0875 MHz	FX	15K0F2D	100 W (ERP)	0.03 %
869.0875 MHz	FX	16K0F1D	100 W (ERP)	0.03 %
869.0875 MHz	FX	16K0F3D	100 W (ERP)	0.03 %
869.0875 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
869.0875 MHz	FX	20K0F1D	100 W (ERP)	0.03 %
869.0875 MHz	FX	20K0F1E	100 W (ERP)	0.03 %
869.2875 MHz	FX	15K0F2D	100 W (ERP)	0.03 %
869.2875 MHz	FX	16K0F3D	100 W (ERP)	0.03 %
869.2875 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
869.2875 MHz	FX	20K0F1D	100 W (ERP)	0.03 %
869.2875 MHz	FX	20K0F1E	100 W (ERP)	0.03 %
869.6875 MHz	FX	15K0F2D	100 W (ERP)	0.03 %
869.6875 MHz	FX	16K0F3D	100 W (ERP)	0.03 %
869.6875 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
869.6875 MHz	FX	20K0F1D	100 W (ERP)	0.03 %

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869.6875 MHz	FX	20K0F1E	100 W (ERP)	0.03 %
869.9875 MHz	FX	15K0F2D	100 W (ERP)	0.03 %
869.9875 MHz	FX	16K0F1D	100 W (ERP)	0.03 %
869.9875 MHz	FX	16K0F3D	100 W (ERP)	0.03 %
869.9875 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
869.9875 MHz	FX	20K0F1D	100 W (ERP)	0.03 %
869.9875 MHz	FX	20K0F1E	100 W (ERP)	0.03 %
935-941 MHz	FX	16K0F3E	100 W (ERP)	0.03 %
935-941 MHz	FX	20K0F1D	100 W (ERP)	0.03 %
935-941 MHz	FX	20K0F1E	100 W (ERP)	0.03 %
935-941 MHz	FX	20K0F2D	100 W (ERP)	0.03 %
1975 MHz	FX	8M00F8W	7 W (ERP)	0.03 %
6785 MHz	FX	10M0F9W	2291 W (ERP)	0.03 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (3) Operation in the 940-941 MHz band requires consent of PCS licensees to avoid interference.
- (4) Operation in the 935-940 MHz band requires prior frequency coordination with SMR licensees to avoid interference.