

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WC2XYE

(Call Sign)

0146-EX-RR-2012

(File Number)

NAME Motorola Solutions, 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: Schaumburg, IL, within 113 km, centered around NL 42-03-54; WL 88-02-54
- (2) Plantation (BROWARD), FL - NL 26-08-52; WL 80-15-14; MOBILE: Plantation, Florida, within 113 km, centered around NL 26-08-52; WL 80-15-14
- (3) Chicago (COOK), IL - NL 41-58-43; WL 87-50-34; MOBILE: Chicago, IL, within 113 km, centered around NL 41-58-43; WL 87-50-34
- (4) Palatine (COOK), IL - NL 42-07-23; WL 88-02-08; MOBILE: Palatine, IL, within 113 km, centered around NL 42-07-23; WL 88-02-08

Frequency Information

Schaumburg (COOK), IL - NL 42-03-54; WL 88-02-54; MOBILE: Schaumburg, IL, within 113 km, centered around NL 42-03-5

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769-776 MHz	FX		450 W (ERP)	
		130KD7W		
		22K0F1D		
		11K0F1D		
		8K80D1W		
		16K8F1E		
		8K10F1E		
		11K0F2D		
		11K0F3E		
		8K10F1D		

This authorization effective August 01, 2012 and
will expire 3:00 A.M. EST August 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Schaumburg (COOK), IL - NL 42-03-54; WL 88-02-54; MOBILE: Schaumburg, IL, within 113 km, centered around NL 42-03-5

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769-776 MHz	FX	8K10D7W 9K80D7W	450 W (ERP)	
769-776 MHz	MO	130KD7W 22K0F1D 11K0F1D 8K80D1W 16K8F1E 8K10F1E 11K0F2D 11K0F3E 8K10D7W 9K80D7W 8K10F1D	100 W (ERP)	
799-806 MHz	MO	130KD7W 22K0F1D 11K0F1D 8K80D1W 16K8F1E 8K10F1E 11K0F2D 11K0F3E 8K10D7W 9K80D7W 8K10F1D	100 W (ERP)	

Frequency Information

Plantation (BROWARD), FL - NL 26-08-52; WL 80-15-14; MOBILE: Plantation, Florida, within 113 km, centered around NL 26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769-776 MHz	FX	130KD7W 22K0F1D 11K0F1D 8K80D1W 16K8F1E 8K10F1E 11K0F2D 11K0F3E 8K10D7W 9K80D7W 8K10F1D	450 W (ERP)	
769-776 MHz	MO	130KD7W 22K0F1D 11K0F1D 8K80D1W 16K8F1E 8K10F1E 11K0F2D 11K0F3E 8K10D7W 9K80D7W 8K10F1D	100 W (ERP)	
799-806 MHz	MO	130KD7F 22K0F1D 11K0F1D 8K80D1W 16K8F1E 8K10F1E 11K0F2D 11K0F3E 8K10F1D	100 W (ERP)	

Frequency Information

Plantation (BROWARD), FL - NL 26-08-52; WL 80-15-14; MOBILE: Plantation, Florida, within 113 km, centered around NL 26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
799-806 MHz	MO	8K10D7W 9K80D7W	100 W (ERP)	

Chicago (COOK), IL - NL 41-58-43; WL 87-50-34; MOBILE: Chicago, IL, within 113 km, centered around NL 41-58-43; WL 87

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769-776 MHz	FX	130KD7W 22K0F1D 11K0F1D 8K80D1W 16K8F1E 8K10F1E 11K0F2D 11K0F3E 8K10F1D 9K80D7W 8K10D7W	450 W (ERP)	
769-776 MHz	MO	11K0F2D 11K0F3E 11K0F1D 8K80D1W 16K8F1E 8K10F1E 11K0F2D 11K0F3E 8K10F1D 9K80D7W 8K10D7W	100 W (ERP)	

Frequency Information

Chicago (COOK), IL - NL 41-58-43; WL 87-50-34; MOBILE: Chicago, IL, within 113 km, centered around NL 41-58-43; WL 87-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
799-806 MHz	MO	130KD7W 22K0F1D 11K0F1D 8K80D1W 16K8F1E 8K10F1E 11K0F2D 11K0F3E 8K10F1D 9K80D7W 8K10D7W	100 W (ERP)	

Palatine (COOK), IL - NL 42-07-23; WL 88-02-08; MOBILE: Palatine, IL, within 113 km, centered around NL 42-07-23; WL 88-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769-776 MHz	FX	130KD7W 22K0F1D 11K0F1D 8K80D1W 16K8F1E 8K10F1E 11K0F2D 11K0F3E 8K10D7W 9K80D7W 8K10F1D	450 W (ERP)	
769-776 MHz	MO	130KD7W 22K0F1D 11K0F1D 8K80D1W	100 W (ERP)	

Frequency Information

Palatine (COOK), IL - NL 42-07-23; WL 88-02-08; MOBILE: Palatine, IL, within 113 km, centered around NL 42-07-23; WL 88-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769-776 MHz	MO	16K8F1E 8K10F1E 11K0F2D 11K0F3E 8K10D7W 9K80D7W 8K10F1D	100 W (ERP)	
799-806 MHz	MO	130KD7W 22K0F1D 11K0F1D 8K80D1W 16K8F1E 8K10F1E 11K0F2D 11K0F3E 8K10D7W 9K80D7W 8K10F1D	100 W (ERP)	

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) 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.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Operation is subject to prior coordination with the appropriate public safety licensee in the area being used prior to using the channel.
- (5) Operations in the upper 700 MHz bands must be prior coordinated with existing and new Part 27 and Part 90 licensees to avoid interference.