

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

EXPERIMENTAL
(Nature of Service)

XD FX MO
(Class of Station)

WK2XGH
(Call Sign)

0407-EX-CN-2019
(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(j) of the Commission's Rules

Station Locations

- (1) Scjhaumburg (COOK), IL - NL 42-03-44; WL 88-03-05; MOBILE: , within 32 km, centered around NL 42-03-44; WL 88-03-05
- (2) Elgin (KANE), IL - NL 42-05-51; WL 88-20-40; MOBILE: , within 32 km, centered around NL 42-05-51; WL 88-20-40

Frequency Information

Scjhaumburg (COOK), IL - NL 42-03-44; WL 88-03-05; MOBILE: , within 32 km, centered around NL 42-03-44; WL 88-03-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769-776 MHz	FX	11K0F1D 8K80D1W 8K10F1E 11K0F2D 11K0F3E 8K10F1D 8K10D7W 9K80D7W	100 W (ERP)	
769-776 MHz	MO	11K0F1D 8K80D1W	10 W (ERP)	

This authorization effective June 03, 2019 and
will expire 3:00 A.M. EST June 01, 2024

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Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769-776 MHz	MO	8K10F1E 11K0F2D 11K0F3E 8K10D7W 9K80D7W 8K10F1D	10 W (ERP)	
799-806 MHz	MO	11K0F1D 8K80D1W 8K10F1E 11K0F2D 11K0F3E 8K10D7W 9K80D7W 8K10F1D	10 W (ERP)	

Elgin (KANE), IL - NL 42-05-51; WL 88-20-40; MOBILE: , within 32 km, centered around NL 42-05-51; WL 88-20-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769-776 MHz	FX	11K0F1D 8K80D1W 8K10F1E 11K0F2D 11K0F3E 8K10F1D 8K10D7W 9K80D7W	100 W (ERP)	
769-776 MHz	MO	11K0F1D	10 W (ERP)	

Frequency Information

Elgin (KANE), IL - NL 42-05-51; WL 88-20-40; MOBILE: , within 32 km, centered around NL 42-05-51; WL 88-20-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769-776 MHz	MO	8K80D1W 8K10F1E 11K0F2D 11K0F3E 8K10D7W 9K80D7W 8K10F1D	10 W (ERP)	
799-806 MHz	MO	11K0F1D 8K80D1W 8K10F1E 11K0F2D 11K0F3E 8K10D7W 9K80D7W 8K10F1D	10 W (ERP)	

Special Conditions:

- (1) 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.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation must be coordinated with all Public Safety entities operating in the bands 769-776 and 799-806 MHz within 64 km of the requested coordinates to minimize potential interference.
- (5) The stop buzzer point of contact is Gregory Buchwald at (815) 351-4020, Email: greg.buchwald@motorolasolutions.com