

**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)

0138-EX-CR-2021

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

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406.35 MHz	FX	8K10F1E 8K80D1W 11K0F1D 11K0F3E	200 W (ERP)	
407.55 MHz	FX	11K0F3E 11K0F1D 8K80D1W 8K10F1E	200 W (ERP)	
407.95 MHz	FX	11K0F3E	200 W (ERP)	

This authorization effective June 01, 2021 and
will expire 3:00 A.M. EST June 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
407.95 MHz	FX	11K0F1D 8K80D1W 8K10F1E	200 W (ERP)	
408.75 MHz	FX	11K0F3E 11K0F1D 8K80D1W 8K10F1E	200 W (ERP)	
409.55 MHz	FX	8K10F1E 8K80D1W 11K0F1D 11K0F3E	200 W (ERP)	
415.15 MHz	MO	8K10F1E 8K80D1W 11K0F1D 11K0F3E	110 W (ERP)	
415.55 MHz	MO	8K10F1E 8K80D1W 11K0F1D 11K0F3E	110 W (ERP)	
417.55 MHz	MO	11K0F3E 11K0F1D 8K80D1W	110 W (ERP)	

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
417.55 MHz	MO	8K10F1E	110 W (ERP)	
418.35 MHz	MO	11K0F3E 11K0F1D 8K80D1W 8K10F1E	110 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.