

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WF2XMN

(Call Sign)

0502-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) MOBILE: Windham [CUMBERLAND], ME, within 0.1 km, centered around NL 43-44-19; WL 70-25-28
- (2) MOBILE: Windham, ME, within 0.1 km, centered around NL 43-44-19; WL 70-25-28

Frequency Information

MOBILE: Windham [CUMBERLAND], ME, within 0.1 km, centered around NL 43-44-19; WL 70-25-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
144.1-148 MHz	MO	N0N 11K0F3E	1 W (ERP)	
156.04 MHz	MO	N0N 11K0F3E	1 W (ERP)	
156.18 MHz	MO	N0N 11K0F3E	1 W (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Windham [CUMBERLAND], ME, within 0.1 km, centered around NL 43-44-19; WL 70-25-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
156.26 MHz	MO	N0N 11K0F3E	1 W (ERP)	
173.2-173.4 MHz	MO	N0N 11K0F3E	1 W (ERP)	
406.1-420 MHz	MO	N0N 11K0F3E	1 W (ERP)	
431.05-431.975 MHz	MO	N0N 11K0F3E	1 W (ERP)	
441.2625-449.975 MHz	MO	N0N 11K0F3E	1 W (ERP)	
470.0125 MHz	MO	N0N 11K0F3E	1 W (ERP)	
511.9875 MHz	MO	N0N 11K0F3E	1 W (ERP)	
519.9875 MHz	MO	N0N 11K0F3E	1 W (ERP)	

Frequency Information

MOBILE: Windham [CUMBERLAND], ME, within 0.1 km, centered around NL 43-44-19; WL 70-25-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
805.9875 MHz	MO	N0N 11K0F3E	1 W (ERP)	
868.9875 MHz	MO	N0N 11K0F3E	1 W (ERP)	

MOBILE: Windham, ME, within 0.1 km, centered around NL 43-44-19; WL 70-25-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
482.0125 MHz	MO	N0N 11K0F3E	1 W (ERP)	
769.05625 MHz	MO	N0N 11K0F3E	1 W (ERP)	
769.06875 MHz	MO	N0N 11K0F3E	1 W (ERP)	
774.99375 MHz	MO	N0N 11K0F3E	1 W (ERP)	
861.9875 MHz	MO	N0N 11K0F3E	1 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Director of Frequency Coordination; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.
- (5) Operation subject to prior coordination with incumbent existing and future licensees within 805-806 MHz.
- (6) Operation is subject to consent of SMR licensees (854-869 MHz) within 50 miles of the test area.