

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WG2XRE

(Call Sign)

0174-EX-CR-2017

(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, IL - NL 42-02-39; WL 88-02-36; MOBILE: Schaumburg, IL, within 9.5 km
- (2) Palatine, IL - NL 42-06-11; WL 88-01-24; MOBILE: Palatine, IL, within 9.5 km
- (3) Plantation, FL, FL - NL 26-08-52; WL 80-15-14; MOBILE: Plantation, FL, within 9.5 km

Frequency Information

Schaumburg, IL - NL 42-02-39; WL 88-02-36; MOBILE: Schaumburg, IL, within 9.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	5M00G7D 5M00W7W 5M00D7D 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	500 W (ERP)	
788-798 MHz	MO	5M00G7D	2.5 W (ERP)	

This authorization effective May 01, 2017 and
will expire 3:00 A.M. EST June 30, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Schaumburg, IL - NL 42-02-39; WL 88-02-36; MOBILE: Schaumburg, IL, within 9.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	MO	5M00W7W	2.5 W (ERP)	
		5M00G2D		
		5M00D7D		
		10M0G7D		
		10M0W7W		
		10M0G2D		
		10M0D7D		

Palatine, IL - NL 42-06-11; WL 88-01-24; MOBILE: Palatine, IL, within 9.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	5M00G7D	500 W (ERP)	
		5M00W7W		
		5M00G2D		
		5M00D7D		
		10M0G7D		
		10M0W7W		
		10M0G2D		
		10M0D7D		
788-798 MHz	MO	5M00G7D	2.5 W (ERP)	
		5M00W7W		
		5M00G2D		
		5M00D7D		
		10M0G7D		
		10M0W7W		
		10M0G2D		
		10M0D7D		

Frequency Information

Plantation, FL, FL - NL 26-08-52; WL 80-15-14; MOBILE: Plantation, FL, within 9.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	500 W (ERP)	
788-798 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	2.5 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) In case of interference issues, "stop-buzzer" contact for these experiments: Mark Solak, Project Manager, 847-576-3081 (office); 847-341-0223 (cell); CELX58@motorolasolutions.com.

Special Conditions:

- (3) a) Licensee must prior coordinate testing with other authorized Band 14 operations. Failure to effectively coordinate shall result in FirstNet seeking immediate suspension of the experimental license by the FCC.
- b) Licensee must accept interference from others operating in the band and must not cause interference to FirstNet operations or those approved to operate in Band 14 per license (i.e. AT&T testing or public safety entities authorized to operate on Band 14).
- c) Licensee POC shall submit a "Stop Buzzer" contact to FirstNet at peter.tomczak@firstnet.gov upon authorization issuance with "kill switch" authority; license POC agrees to immediately cease operations on Band 14 if notified of any interference concerns until any issues are resolved.
- d) Licensee agrees that this license may be subject to further review by the FCC and possible re-coordination with FirstNet.