

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

EXPERIMENTAL

(Nature of Service)

WE2XFT

(Call Sign)

XE FX MO

(Class of Station)

0254-EX-RR-2011

(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(b) of the Commission's Rules

Station Locations

- (1) Schaumburg, IL - NL 42-04-17; WL 88-03-21; MOBILE: Schaumburg, IL, two base stations located at temporarily fixed locations and associated mobiles, within 40 km, centered around NL 42-04-17; WL 88-03-21
- (2) Arlington Heights, IL - NL 42-08-14; WL 88-03-21; MOBILE: Arlington Heights, IL, two base stations located at temporarily fixed locations and associated mobiles, within 40 km, centered around NL 42-08-14; WL 88-03-21
- (3) Libertyville, IL - NL 42-17-54; WL 88-00-14; MOBILE: Libertyville, IL, two base stations located at temporarily fixed locations and associated mobiles, within 40 km, centered around NL 42-17-54; WL 88-00-14
- (4) Chicago, IL - NL 41-53-25; WL 87-37-24; MOBILE: Chicago, IL, two base stations located at temporarily fixed locations and associated mobiles, within 40 km, centered around NL 41-53-25; WL 87-37-24
- (5) Austin, TX - NL 30-27-21; WL 97-45-12; MOBILE: Austin, TX, two base stations located at temporarily fixed locations and associated mobiles, within 40 km, centered around NL 30-27-21; WL 97-45-12
- (6) Fort Worth, TX - NL 32-50-48; WL 97-17-23; MOBILE: Fort Worth, TX, two base stations located at temporarily fixed locations and associated mobiles, within 40 km, centered around NL 32-50-48; WL 97-17-23
- (7) MOBILE: Plantation, FL, two base stations located at temporary fixed locations and associated mobiles, within 40 km, centered around NL 26-08-51; WL 80-15-15

This authorization effective August 01, 2011 and
will expire 3:00 A.M. EST August 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Schaumburg, IL - NL 42-04-17; WL 88-03-21; MOBILE: Schaumburg, IL, two base stations located at temporarily fixed locations

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3650 MHz	MO	20M0W7W 10M0W7W 7M00W7W 5M00W7W 10K0N0N	385 W (ERP)	

Arlington Heights, IL - NL 42-08-14; WL 88-03-21; MOBILE: Arlington Heights, IL, two base stations located at temporarily fixed locations

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3650 MHz	MO	20M0W7W 10M0W7W 7M00W7W 5M00W7W 10K0N0N	385 W (ERP)	

Libertyville, IL - NL 42-17-54; WL 88-00-14; MOBILE: Libertyville, IL, two base stations located at temporarily fixed locations

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3650 MHz	MO	20M0W7W 10M0W7W 7M00W7W 5M00W7W 10K0N0N	385 W (ERP)	

Frequency Information

Chicago, IL - NL 41-53-25; WL 87-37-24; MOBILE: Chicago, IL, two base stations located at temporarily fixed locations and a

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3650 MHz	MO	20M0W7W 10M0W7W 7M00W7W 5M00W7W 10K0N0N	385 W (ERP)	

Austin, TX - NL 30-27-21; WL 97-45-12; MOBILE: Austin, TX, two base stations located at temporarily fixed locations and as

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3650 MHz	MO	20M0V7W 10M0W7W 7M00W7W 5M00W7W 10K0N0N	385 W (ERP)	

Fort Worth, TX - NL 32-50-48; WL 97-17-23; MOBILE: Fort Worth, TX, two base stations located at temporarily fixed location:

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3650 MHz	MO	20M0W7W 10M0W7W 7M00W7W 5M00W7W 10K0N0N	385 W (ERP)	

Frequency Information

MOBILE: Plantation, FL, two base stations located at temporary fixed locations and associated mobiles, within 40 km, centered around NL 26-08-51; WL 80-15-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3650 MHz	MO	10K0N0N 10M0W7W 20M0W7W 5M00W7W 7M00W7W	385 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) No WiMAX equipment in the band 3300-3650 MHz will be offered for U.S. sales.
- (4) No equipment shall be developed in this band for use in the U.S. since it is a federal government band for radiolocation. Any development for use in the U.S. needs to be done in an approved FCC band. WiMAX should not be developed in the band 3300-3650 MHz for U.S. sales.
- (5) Motorola, Inc., needs to be aware of possible interference from high power government radars in the band 3300-3650 MHz.
- (6) This authorization is for equipment that is intended for export only.