

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

EXPERIMENTAL

(Nature of Service)

XD      FX MO

(Class of Station)

WE2XKE

(Call Sign)

0010-EX-TC-2009

(File Number)

NAME M/A-COM, 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(i) of the Commission's Rules

Station Locations

- (1) Lowell (MIDDLESEX), MA - NL 42-38-25; WL 71-21-55; MOBILE: Lowell (MIDDLESEX), MA, within 25 km, centered around NL 42-38-25; WL 71-21-55

Frequency Information

Lowell (MIDDLESEX), MA - NL 42-38-25; WL 71-21-55; MOBILE: Lowell (MIDDLESEX), MA, within 25 km, centered around

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 935-940 MHz   | FX            | 1M25F9W<br>5M00GXW  | 1000 W (ERP)     |                           |
| 935-940 MHz   | MO            | 1M25F9W<br>5M00GXW  | 1000 W (ERP)     |                           |
| 1850-1990 MHz | MO            | 1M25F9W<br>5M00GXW  | 1000 W (ERP)     |                           |

This authorization effective April 29, 2009 and  
will expire 3:00 A.M. EST November 01, 2009

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Lowell (MIDDLESEX), MA - NL 42-38-25; WL 71-21-55; MOBILE: Lowell (MIDDLESEX), MA, within 25 km, centered around

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1850-1990 MHz | FX            | 1M25F9W<br>5M00GXW  | 1000 W (ERP)     |                           |

## Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) Operation is subject to prior coordination with Fixed Microwave licensees within 100km prior to using the 1850-1990 MHz band.