

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

EXPERIMENTAL

(Nature of Service)

XE      FX

(Class of Station)

WC2XNF

(Call Sign)

0031-EX-RR-2003

(File Number)

NAME Motorola, 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) Arlington Heights (COOK), IL - NL 42-08-21; WL 87-59-49
- (2) Arlington Heights (COOK), IL - NL 42-08-12; WL 88-00-03
- (3) Chandler (MARICOPA), AZ - NL 33-15-14; WL 111-53-32
- (4) Fort Worth (TARRANT), TX - NL 32-50-36; WL 97-17-26

Frequency Information

Arlington Heights (COOK), IL - NL 42-08-21; WL 87-59-49

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 880-915 MHz   | MO            | 200KG7D             | 500 W (ERP)      |                           |
| 925-960 MHz   | FX            | 200KG7D             | 3.5 kW (ERP)     |                           |
| 1850-1910 MHz | MO            | 200KG7D             | 1 kW (ERP)       |                           |
| 1930-1990 MHz | FX            | 200KG7D             | 1 kW (ERP)       |                           |

Arlington Heights (COOK), IL - NL 42-08-12; WL 88-00-03

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 880-915 MHz   | MO            | 200KG7D             | 500 W (ERP)      |                           |
| 925-960 MHz   | FX            | 200KG7D             | 3.5 kW (ERP)     |                           |
| 1850-1910 MHz | MO            | 200KG7D             | 1 kW (ERP)       |                           |
| 1930-1990 MHz | FX            | 200KG7D             | 1 kW (ERP)       |                           |

This authorization effective February 01, 2003 and  
will expire 3:00 A.M. EST February 01, 2005

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Chandler (MARICOPA), AZ - NL 33-15-14; WL 111-53-32

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 880-915 MHz   | MO            | 200KG7D             | 500 W (ERP)      |                           |
| 925-960 MHz   | FX            | 200KG7D             | 3.5 kW (ERP)     |                           |
| 1850-1910 MHz | MO            | 200KG7D             | 1 kW (ERP)       |                           |
| 1930-1990 MHz | FX            | 200KG7D             | 1 kW (ERP)       |                           |

Fort Worth (TARRANT), TX - NL 32-50-36; WL 97-17-26

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 880-915 MHz   | MO            | 200KG7D             | 500 W (ERP)      |                           |
| 925-960 MHz   | FX            | 200KG7D             | 3.5 kW (ERP)     |                           |
| 1850-1910 MHz | MO            | 200KG7D             | 1 kW (ERP)       |                           |
| 1930-1990 MHz | FX            | 200KG7D             | 1 kW (ERP)       |                           |

## Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (3) All use on frequencies assigned to public safety licensees should be coordinated with the designated land mobile public safety coordinator.
- (4) All use on frequencies that are assigned for use by stations in the fixed microwave service should be prior coordinated with existing operations in accordance with Section 101.103(d).
- (5) All use on frequencies that are assigned for use by stations the broadcast auxiliary service should be coordinated with the local broadcast coordinator.