

**United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XD      FX MO

(Class of Station)

WC9XFR

(Call Sign)

0357-EX-ST-2005

(File Number)

NAME Motorola, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

**Purpose Of Operation:**

Testing and demonstrating prototype equipment designed for public safety.

**Station Locations**

- (1) Tomball, TX - NL 30-05-47; WL 95-39-23; MOBILE: Tomball, TX, within 35 km, centered around NL 30-05-47; WL 95-39-23
- (2) Missouri City, TX - NL 29-34-53; WL 95-34-00; MOBILE: Missouri City, TX, within 35 km, centered around NL 29-34-53; WL 95-34-00
- (3) Ft. Bend, TX - NL 29-34-18; WL 95-45-12; MOBILE: Ft. Bend, TX, within 35 km, centered around NL 29-34-18; WL 95-45-12

**Frequency Information**

Tomball, TX - NL 30-05-47; WL 95-39-23; MOBILE: Tomball, TX, within 35 km, centered around NL 30-05-47; WL 95-39-23

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 770-776 MHz | FX            | 17K7D7D             | 100 W (ERP)      |                           |
| 800-806 MHz | MO            | 17K7D7D             | 100 W (ERP)      |                           |

This authorization effective July 20, 2005 and  
will expire 3:00 A.M. EST January 21, 2006

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Tomball, TX - NL 30-05-47; WL 95-39-23; MOBILE: Tomball, TX, within 35 km, centered around NL 30-05-47; WL 95-39-23

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 806-821 MHz | MO            | 17K7D7D             | 250 W (ERP)      |                           |
| 851-866 MHz | FX            | 17K7D7D             | 250 W (ERP)      |                           |

Missouri City, TX - NL 29-34-53; WL 95-34-00; MOBILE: Missouri City, TX, within 35 km, centered around NL 29-34-53; WL 95-34-00

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 800-806 MHz | MO            | 17K7D7D             | 250 W (ERP)      |                           |
| 806-821 MHz | MO            | 17K7D7D             | 250 W (ERP)      |                           |
| 851-866 MHz | FX            | 17K7D7D             | 250 W (ERP)      |                           |

Ft. Bend, TX - NL 29-34-18; WL 95-45-12; MOBILE: Ft. Bend, TX, within 35 km, centered around NL 29-34-18; WL 95-45-12

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 770-776 MHz | FX            | 17K7D7D             | 250 W (ERP)      |                           |
| 800-806 MHz | MO            | 17K7D7D             | 250 W (ERP)      |                           |

## Frequency Information

Ft. Bend, TX - NL 29-34-18; WL 95-45-12; MOBILE: Ft. Bend, TX, within 35 km, centered around NL 29-34-18; WL 95-45-12

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 806-821 MHz | MO            | 17K7D7D             | 250 W (ERP)      |                           |
| 851-866 MHz | FX            | 17K7D7D             | 250 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) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Ronald Haraseth; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.
- (3) 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](mailto:executivedir@sbe.org); information, [www.sbe.org](http://www.sbe.org).