

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WC9XWE

(Call Sign)

0167-EX-ST-2007

(File Number)

NAME Southwest Research Institute

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:**

Operation of wireless devices in support of a government contract.

**Station Locations**

- (1) MOBILE: San Antonio, TX: Operations at temporary fixed locations, within 2 km, centered around NL 29-26-29; WL 98-37-56

**Frequency Information**

MOBILE: San Antonio, TX: Operations at temporary fixed locations, within 2 km, centered around NL 29-26-29; WL 98-37-56

| Frequency          | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|--------------------|---------------|------------------------------------------|------------------|---------------------------|
| 151.82-154.6 MHz   | MO            | 20K0F3E<br>20K0F2D<br>11K5F3E<br>11K5F2D | 2 W (ERP)        |                           |
| 409.7-409.9995 MHz | MO            | 25K0F3E<br>20K0F3E<br>25K0F2D            | 1 W (ERP)        |                           |

This authorization effective April 03, 2007 and  
will expire 3:00 A.M. EST August 29, 2007

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: San Antonio, TX: Operations at temporary fixed locations, within 2 km, centered around NL 29-26-29; WL 98-37-56

| Frequency               | Station Class | Emission Designator                                            | Authorized Power | Frequency Tolerance (+/-) |
|-------------------------|---------------|----------------------------------------------------------------|------------------|---------------------------|
| 409.7-409.9995 MHz      | MO            | 20K0F2D<br>11K5F3E<br>11K5F2D                                  | 1 W (ERP)        |                           |
| 461.03125-461.36875 MHz | MO            | 25K0F3E<br>20K0F3E<br>25K0F2D<br>20K0F2D<br>11K5F3E<br>11K5F2D | 30 W (ERP)       |                           |
| 462.55-462.725 MHz      | MO            | 25K0F3E<br>20K0F3E<br>25K0F2D<br>20K0D2D<br>11K5F3E<br>11K5F2D | 30 W (ERP)       |                           |
| 462.7625-462.9125 MHz   | MO            | 25K0F3E<br>20K0F3E<br>25K0F2D<br>20K0F2D<br>11K5F3E<br>11K5F2D | 30 W (ERP)       |                           |
| 464.48125-464.56875 MHz | MO            | 25K0F3E<br>20K0F3E<br>25K0F2D<br>20K0F2D<br>11K5F3E            | 30 W (ERP)       |                           |

## Frequency Information

MOBILE: San Antonio, TX: Operations at temporary fixed locations, within 2 km, centered around NL 29-26-29; WL 98-37-56

| Frequency               | Station Class | Emission Designator                                            | Authorized Power | Frequency Tolerance (+/-) |
|-------------------------|---------------|----------------------------------------------------------------|------------------|---------------------------|
| 464.48125-464.56875 MHz | MO            | 11K5F2D                                                        | 30 W (ERP)       |                           |
| 467.5625-467.7125 MHz   | MO            | 25K0F3E<br>20K0F3E<br>25K0F2D<br>20K0F2D<br>11K5F3E<br>11K5F2D | 30 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) Use of the frequency channels 16 - 18 (409.9375 MHz, 409.95 MHz and 409.9625 MHz) are denied due to government operations in the area.
- (3) The stop buzzer contact is Ron Mathus (210) 522-3136, cellular (210) 771-2074.