

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

EXPERIMENTAL  
(Nature of Service)

WD2XKG  
(Call Sign)

XR      FX MO  
(Class of Station)

0192-EX-RR-2005  
(File Number)

NAME Shure Incorporated

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(c, k) of the Commission's Rules

Station Locations

- (1) Niles (COOK), IL - NL 42-00-44; WL 87-46-15; MOBILE: Niles (COOK), IL, within 30 km, centered around NL 42-00-44; WL 87-46-15

Frequency Information

Niles (COOK), IL - NL 42-00-44; WL 87-46-15; MOBILE: Niles (COOK), IL, within 30 km, centered around NL 42-00-44; WL 87-46-15

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 180-186 MHz | FX            | 5M00XXD             | 400 mW (ERP)     |                           |
| 180-186 MHz | MO            | 5M00XXD             | 400 mW (ERP)     |                           |
| 192-198 MHz | FX            | 5M00XXD             | 400 mW (ERP)     |                           |
| 192-198 MHz | MO            | 5M00XXD             | 400 mW (ERP)     |                           |

This authorization effective January 01, 2006 and  
will expire 3:00 A.M. EST January 01, 2007

**FEDERAL  
COMMUNICATIONS  
COMMISSION**

## Frequency Information

Niles (COOK), IL - NL 42-00-44; WL 87-46-15; MOBILE: Niles (COOK), IL, within 30 km, centered around NL 42-00-44; WL 8

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 204-210 MHz | FX            | 5M00XXD             | 400 mW (ERP)     |                           |
| 204-210 MHz | MO            | 5M00XXD             | 400 mW (ERP)     |                           |
| 674-680 MHz | FX            | 5M00XXD             | 4 W (ERP)        |                           |
| 674-680 MHz | MO            | 5M00XXD             | 4 W (ERP)        |                           |
| 764-770 MHz | FX            | 5M00XXD             | 400 mW (ERP)     |                           |
| 764-770 MHz | MO            | 5M00XXD             | 400 mW (ERP)     |                           |
| 776-782 MHz | FX            | 5M00XXD             | 400 mW (ERP)     |                           |
| 776-782 MHz | MO            | 5M00XXD             | 400 mW (ERP)     |                           |
| 788-794 MHz | FX            | 5M00XXD             | 400 mW (ERP)     |                           |
| 788-794 MHz | MO            | 5M00XXD             | 400 mW (ERP)     |                           |

## Frequency Information

Niles (COOK), IL - NL 42-00-44; WL 87-46-15; MOBILE: Niles (COOK), IL, within 30 km, centered around NL 42-00-44; WL 8

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 800-806 MHz | FX            | 5M00XXD             | 4 W (ERP)        |                           |
| 800-806 MHz | MO            | 5M00XXD             | 4 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.
- (4) 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).