

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

EXPERIMENTAL

(Nature of Service)

WF2XWJ

(Call Sign)

XC      FX MO

(Class of Station)

0347-EX-PL-2011

(File Number)

NAME Miltec Corporation

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) Kingsport (HAWKINS), TN - NL 36-31-46; WL 82-36-27
- (2) Kingsport (HAWKINS), TN - NL 36-31-40; WL 82-36-36
- (3) Kingsport (HAWKINS), TN - NL 36-31-55; WL 82-36-35
- (4) MOBILE: Guntersville Lake, Guntersville, Alabama, within 2 km, centered around NL 34-21-40; WL 86-17-21

Frequency Information

Kingsport (HAWKINS), TN - NL 36-31-46; WL 82-36-27

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 9.38-9.44 GHz | FX            | 12M5P0N             | 4 kW (ERP)       |                           |

Kingsport (HAWKINS), TN - NL 36-31-40; WL 82-36-36

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 9.38-9.44 GHz | FX            | 12M5P0N             | 4 kW (ERP)       |                           |

This authorization effective August 29, 2011 and  
will expire 3:00 A.M. EST September 01, 2013

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Kingsport (HAWKINS), TN - NL 36-31-55; WL 82-36-35

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 9.38-9.44 GHz | FX            | 12M5P0N             | 4 kW (ERP)       |                           |

MOBILE: Guntersville Lake, Guntersville, Alabama, within 2 km, centered around NL 34-21-40; WL 86-17-21

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 9.38-9.44 GHz | MO            | 12M5P0N             | 4 kW (ERP)       |                           |

## Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Hank Rinehart at (256) 428-1691 or (256) 425-2249.
- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the US ARMY Contract No. W31P4Q-08-C-0298. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.