

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

EXPERIMENTAL

(Nature of Service)

WC9XKV

(Call Sign)

XC FX MO

(Class of Station)

0174-EX-RR-2011

(File Number)

NAME Northrop Grumman Defense Mission Systems, 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) Marine Corp Air Station Miramar (SAN DIEGO), CA - NL 32-51-39; WL 117-08-41;
MOBILE: Airborne with an altitude of 18,288 meters, within 148 km, centered around NL 32-51-39; WL 117-08-41

Frequency Information

Marine Corp Air Station Miramar (SAN DIEGO), CA - NL 32-51-39; WL 117-08-41; MOBILE: Airborne with an altitude of 18,288 meters

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1865 MHz	MO	1M25F9W	0.303 W (ERP)	
1930-1945 MHz	FX	1M25F9W	12.08 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 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.

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Air Force Contract Number H94-003-04-D-0005-0002. 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.