

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

EXPERIMENTAL

(Nature of Service)

WC9XKV

(Call Sign)

XC FX MO

(Class of Station)

0078-EX-ST-2006

(File Number)

NAME Northrop Grumman Defense Mission Systems, 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:

Demonstrating a Battlefield Airborne Communications Node (BACN) for the U.S. Air Force.

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
- (2) Nellis Air Force Base (CLARK), NV - NL 36-14-56; WL 114-57-37; MOBILE: Airborne with an altitude of 18,288 meters, within 148 km, centered around NL 36-14-56; WL 114-57-37
- (3) Roswell (CHAVES), NM - NL 33-23-37; WL 104-31-13; MOBILE: Airborne with an altitude of 18,288 meters, within 148 km, centered around NL 33-23-37; WL 104-31-13

Frequency Information

Marine Corp Air Station Miramar (SAN DIEGO), CA - NL 32-51-39; WL 117-08-41; MOBILE: Airborne with an altitude of 18,2

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

This authorization effective February 15, 2006 and
will expire 3:00 A.M. EST May 16, 2006

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1930-1945 MHz	FX	1M25F9W	12.08 W (ERP)	

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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.