

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

EXPERIMENTAL

(Nature of Service)

WG9XOH

(Call Sign)

XT MO

(Class of Station)

0378-EX-ST-2013

(File Number)

NAME RaySat Antenna Systems, LLC

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:

To test the PAA-1000 on U.S. Government military vehicles.

Station Locations

(1) MOBILE: CONUS

Frequency Information

MOBILE: CONUS

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14-14.5 GHz	MO	2M50G1D	305 W (ERP)	
		2M50G1D		

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective May 15, 2013 and
will expire 3:00 A.M. EST November 16, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**

Special Conditions:

- (3) Applicant may test on a non-interference and non-protected basis on the condition that the operator for the specified point of communication (AMC-6 at 72 WL) has coordinated with satellites within 6 degrees of 72 WL. and certifies their agreement to operation of this terminal.
- (4) POINT OF COMMUNICATION: AMC-6 Satellite.
- (5) No operations allowed within 30 KM of coordinates 39-59-44N 105-15-45W, Boulder, CO and 40-40-49N 105-02-27W, Fort Collins, CO.
- (6) Prior coordination required prior to any use within 80 km of Dryden Flight Research Center, 34-57-06N 117-53-03W, POC (661) 276-2947 or (661) 276-2138.