

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

EXPERIMENTAL

(Nature of Service)

WG9XAZ

(Call Sign)

XT MO

(Class of Station)

0848-EX-ST-2012

(File Number)

NAME Raytheon Network Centric Systems

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 provide developmental testing of new digital radio system, MXF-4050-SRW.

Station Locations

(1) MOBILE: Fort Wayne, IN, within 50 km, centered around NL 41-07-25; WL 85-09-27

Frequency Information

MOBILE: Fort Wayne, IN, within 50 km, centered around NL 41-07-25; WL 85-09-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-450 MHz	MO	1M20F1D 1M20G1D 500KG1D 2M20G1D 4M20G1D 8M20G1D	20 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.

This authorization effective November 14, 2012 and
will expire 3:00 A.M. EST May 13, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Raytheon must coordinate with HQ ANG, SMSgt Hergenrader, (240) 612-7478, robert.hergenrader@ang.af.mil and also provide HQ ANG with stop buzzer P.O.C. information.
- (3) No transmissions are allowed below 420 MHz.
- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization Under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.