

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

EXPERIMENTAL

(Nature of Service)

WF9XNA

(Call Sign)

XD MO

(Class of Station)

0180-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:

The purpose of the operation is to test, evaluate and validate transportable surveillance systems, in various configurations, using a variety of ground sensor, radar and electro-optical camera

Station Locations

(1) MOBILE: Las Cruces, NM, within 25 km, centered around NL 32-31-03; WL 106-49-51

Frequency Information

MOBILE: Las Cruces, NM, within 25 km, centered around NL 32-31-03; WL 106-49-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9300-9374 MHz	MO	65M0P0N	16.1 MW (ERP)	
9376-9500 MHz	MO	65M0P0N	16.1 MW (ERP)	

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.

This authorization effective March 26, 2012 and
will expire 3:00 A.M. EST September 26, 2012

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COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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. Mark Volpe at (727) 302-2772.
- (4) Raytheon Network Centric Systems must coordinate with the White Sands Missile Range (WSMR) DoD-AFC office 575-678-5417, wsmrdodafc@us.army.mil, at least 72 hours prior to conducting the test.
- (5) The test and evaluation will operate in the frequency range of 9377.5 MHz thru 9442.5 MHz and a PRF of 2222.5 Hz as verified by Mr. Jesse Ellisor of Raytheon.
- (6) The following frequency band need to be NOTCHED OUT: 9374-9376 MHz.