

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

EXPERIMENTAL

(Nature of Service)

WG2XAL

(Call Sign)

XD MO

(Class of Station)

0594-EX-PL-2011

(File Number)

NAME Raytheon Network Centric Systems

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(i) of the Commission's Rules

Station Locations

(1) MOBILE: Las Cruces, NM, within 25 km, centered around NL 32-35-51; WL 106-56-36

Frequency Information

MOBILE: Las Cruces, NM, within 25 km, centered around NL 32-35-51; WL 106-56-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.21-16.5 GHz	MO	6M35P0N	7 W (ERP)	
		3M96Q3N		
		4M65Q3N		
		3M22Q3N		
		3M06Q3N		

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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 January 20, 2012 and
will expire 3:00 A.M. EST January 20, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Mark Volpe (727) 302-2772.
- (5) Raytheon must coordinate with the Area Frequency Coordinator (AFC), White Sands Missile Range (WSMR), 505-678-5417 prior to the test and demonstrations.