

**SUBJECT: Request for FCC Experimental License for Operation of  
Motorola PTP48600 Microwave Radio  
FCC File Number 0626-EX-PL-2011**

**Purpose of Operation:** Raytheon Network Centric Systems (NCS) (Applicant) is developing and testing mobile surveillance systems based on commercial off-the-shelf radars, sensors and radios, to include Motorola Microwave Radio, Model PTP48600. These equipments are deployed along with electro-optical/infrared cameras to detect intruders along international borders and in other specified areas where it is deemed intrusion detection would be in the public interest.

**Explanation:** This application is for a 1-year experimental license to support testing at the Raytheon NCS facility in McKinney, TX. The objective of this operation is to integrate and test the various equipments in different configurations (high, medium and basic capability) and validate each design/system for use. Surveillance information is routed to the command post over the Motorola PTP48600 Radio.

The point of contact for interference matters is Mark Volpe at (727) 302-2772 or (727) 512-0305.