

**SUBJECT: Request for FCC Experimental License for Operation of  
Motorola PTP48600 Microwave Radio at McKinney, TX  
FCC File Number\_0014-EX-PL-2012**

**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 intrusion of unauthorized personnel and vehicles into secure areas.

**Explanation:** This application is for a 1-year experimental license to support system testing at and in the vicinity of the Raytheon facility in McKinney, TX. The objective of this operation is to integrate and test the various surveillance equipments in different configurations (high, medium and basic capability) and validate each design/system for use. The Motorola PTP48600 Microwave Radio is used to provide connectivity between sensor and video instrumentation and the command console.

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