

Raytheon Company  
File No. 0348-EX-ST-2006

**Additional Data for Application for Special Temporary Authority (STA).**

Raytheon is requesting an experimental license to conduct technical research and demonstration of systems operating in the Dedicated Short-Range Communications Service (DSRC) in the 5.850-5.925 GHz band. The operation of the systems proposed here will contribute to the development of radio technology to enhance vehicle safety and public safety. The expected duration of the research and demonstration is less than 6 months.

To conduct this research and demonstration, Raytheon will be installing 5 fixed sites and 3 mobile units around the Raytheon Fullerton facilities in Fullerton, with one transmitter for each site/mobile unit. All transmitters will be located on Raytheon facilities.

The Raytheon site where the license is requested is further than seventy-five kilometers from any government radar site listed in Section 90.371(b) of the FCC rules.

A frequency tolerance has not been provided. The occupied bandwidth of the emission will not extend beyond the band limits of 5850-5925MHz.

A designated stop buzzer person for the Raytheon site is Les Overall. His cell phone number is 714-313-3217.