

FCC Special Temporary Authority Application

Dear Sir/Madam,

This letter has been written to provide the FCC with the requested information to grant a STA.

- Raytheon Company, 50 Apple Hill Drive, Tewksbury, MA 01876
- A STA is required by Raytheon for outdoor testing.
- A permanent license application will be requested within the next six month that will provide Raytheon.
- Raytheon is developing a radar module for use in automotive applications to detect licensed vehicles in a driver's "blind spots". The module will operate:
 - band (24.050 – 24.250 GHz,) with 250 mV/m max. (Part 15.249)
 - band 24.075 – 24.175 GHz with 2500 mV/m max. (Part 15.245)i.e. Compliant to FCC approved bands for this application (Part 15.245 and 15.249).
- Most testing will be conducted inside shield rooms at Raytheon facilities, however some road testing will be required.
- Road testing of the SODS module will occur from September 2001 through February 2002 at the Raytheon Tewksbury facility and during road tests within a 35 mile radius.

Thank you,