

Texas Dept of Transportation
125 E 11th Street
Austin TX 78701

FEDERAL COMMUNICATIONS COMMISSION
1270 Fairfield Road
Gettysburg PA 17325-7245

Application Narrative for Proposed Special Equipment Program

Proposed Program

The Texas Department of Transportation has a requirement to get GPS Signals into their classroom. The class allows students full equipment use in order to test and teach the different types of GPS devices in order to demonstrate there full range of capabilities and features that can not be taught effectively without a GPS Signal in the classroom.

Device: PNRRKIT-N/5/110 –Network Reradiating Kit, Power 110/5, N-female

Objectives

We seek to accomplish the following objectives:

1. Illumination of our Classroom with re-radiated GPS Signal
2. Allows for further design, development and enhancement of existing products in addition to new product testing and live demonstrations of equipment requiring GPS signal availability
3. Ability to troubleshoot and analyze various equipment issues

Contribution to Radio Art

Projects are currently under way at the Texas Dept of Transportation to provide better and more useful GPS solutions to incorporate GPS-derived information (position, speed, and heading) in a variety of innovative applications to improve state-of-art transportation technology to provide useful benefits for the Austin public transportation community.