

BMW of North America, LLC
300 Chestnut Ridge Rd
Woodcliff Lake, NJ 07677-7731

FEDERAL COMMUNICATIONS COMMISSION
1270 Fairfield Road
Gettysburg PA 17325-7245

Application Narrative for Proposed Special Equipment Program

Proposed Program

BMW of North America has a manufacturing/production/testing facility in Brunswick, Georgia. They develop and test GPS technology as it relates to automobile navigational equipment and install these systems in their automobiles.

The GPS navigational systems are installed and tested in this facility in addition to maintenance on these same systems when required. BMW is always testing and utilizing new technologies in the hopes of delivering further enhancements to the current navigational systems operational capability. Bringing the GPS Signal inside these testing rooms will greatly enhance their ability to install and conduct comprehensive testing and development of these systems.

GPS Repeater Kit P/N: HNRRKIT-N/5/110

Objectives

We seek to accomplish the following objectives:

1. Illumination of our development and test areas with GPS Signals
2. Further design, development and enhancement of existing products and new product testing
3. Ability to troubleshoot and repair previously manufactured equipment

Contribution to Radio Art

Projects are currently under way at BMW North America to provide better and more useful GPS navigational systems to incorporate GPS-derived information (position, speed, and heading) in a variety of innovative applications to improve vehicular navigational systems.