

Application Narrative

For the City of Plano, TX

Application: Testing and Maintenance

Number of Broadcasting Antennas: 1

Frequency: 1575.42 MHz

The City of Plano plans to use this GPS Re-Radiating kit to test the GPS systems on firetrucks without them pulling out of the station. This will not only save time, but in the case of an emergency, save lives. They have been meticulously designed to meet NTIA regulations. This system has the potential to save lives through simplifying the continuous maintenance that is required of a fire station. The kit will have an exterior antenna installed on the outside wall, will run 35 feet of LMR-400 coax cable, and will radiate down directly onto the firetruck's receiving antenna. This will minimize the amount of signal that could potentially escape the hanger all while meeting the NTIA regulation.