

PBL GROUND

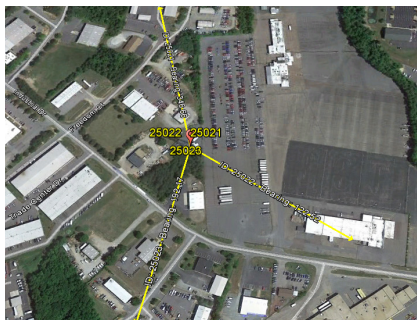
Passive Basestation Location

Overview

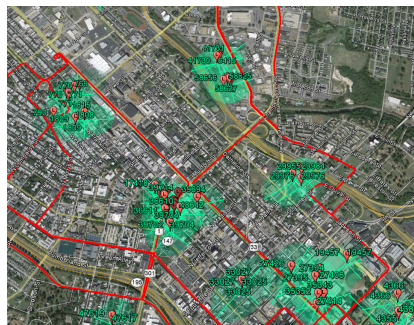
PBL Ground is an application that can be added to any ICS system. PBL allows a user to drive an area of interest and measure the cellular signals present to determine the physical location of the emitters. PBL uses proprietary location algorithms to establish the location of towers to within tens of meters.

Typically, 90% of the towers are detected within 200m or better. Denser drive patterns typically provide improved accuracy. All prediction measurements are made while collecting survey data. The collected data is processed to calculate the location of the tower. A .kml file is produced, which is then plotted in Google Earth™ or other mapping software.

Each sector is indicated by either the Cell ID for LTE, WCDMA and GSM towers, or the Sector ID for EVDO and the Base ID for CDMA. Basic control channel information is displayed for each sector. Often the predicted locations are more accurate than actual databased locations of towers.



Sector Azimuth Estimation



Actual Drive Test



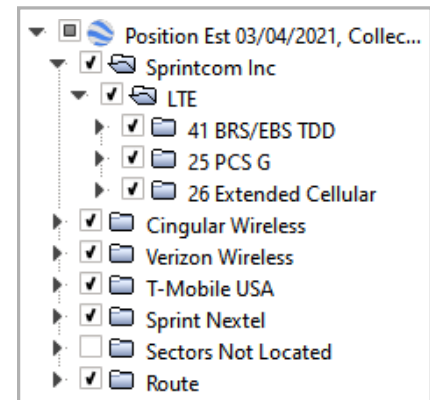
Actual Drive Test



Actual Drive Test

Features

- Simultaneous calculations for GSM, CDMA, EVDO, WCDMA & LTE Sectors
- 100% passive measurement
- Exported Data is compatible with most mapping software
- Low density driving required
- Sector Azimuth estimation



Plots can be narrowed to view particular operators, frequencies, and protocols as well as the estimated orientation of the sectors.



This item is subject to the EAR. Accordingly, an export authorization may be required for certain clients, uses, and/or destinations. The time required to obtain an authorization may impact international delivery.