

Global Positioning System

- Latitude / longitude / altitude / time
- Satellites 10,900 m above earth
- Line of sight : 1575.4 mhz
1227.6 mhz
- Time x speed = distance
- Time x 186,000 m / sec = distance
- Time / nanosecs / 10^{-12} sec.
- Time error 10^{-3} sec. = 186m.