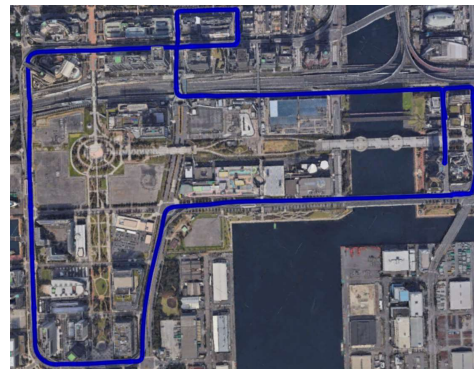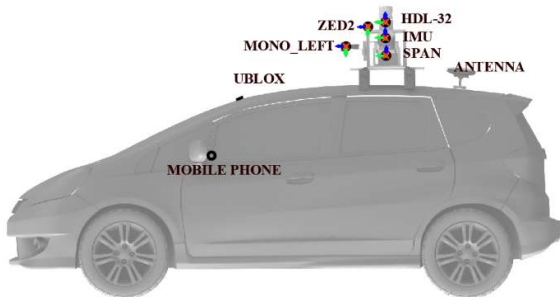# Key Experimental Results

- **Experiment Settings**
  - **Compared Methods**: KF, PF, Huber KF, RKF-Gaussian, RKF-GSM
  - Metrics: RMSE, MAE
- **Real-World Data: UrbanNav Urban Navigation**
  - GNSS/IMU data from Tokyo urban canyon

- **Results:**
  1. **90.58% RMSE reduction** vs. KF
  2. **47.79% RMSE reduction** vs. RKF-GSM
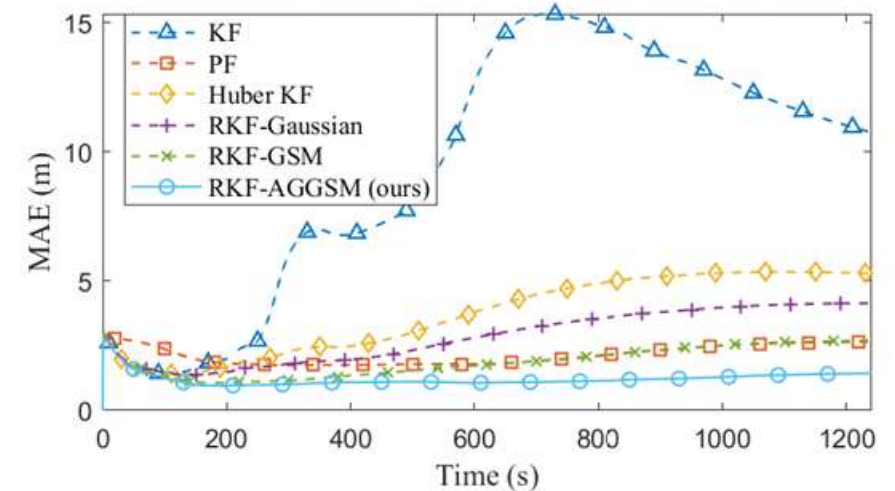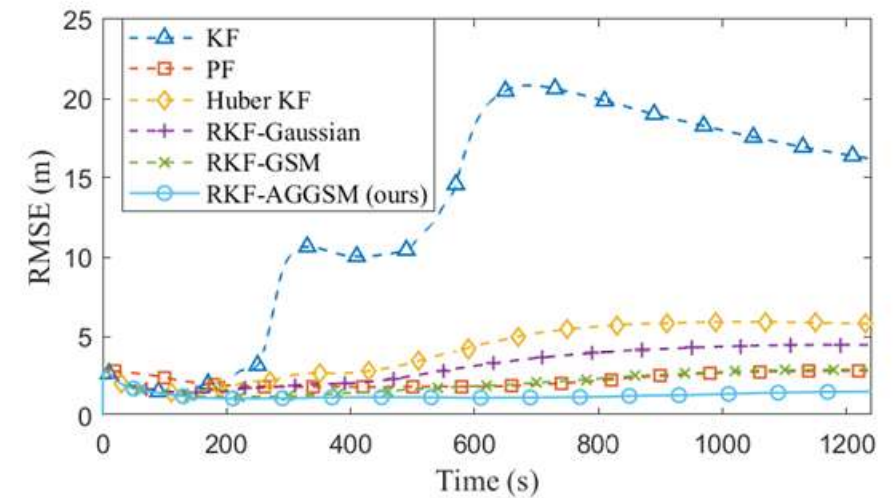 3. Sustained lowest positioning error, robust to outliers

Figure: Real-time positioning errors on UrbanNav.