

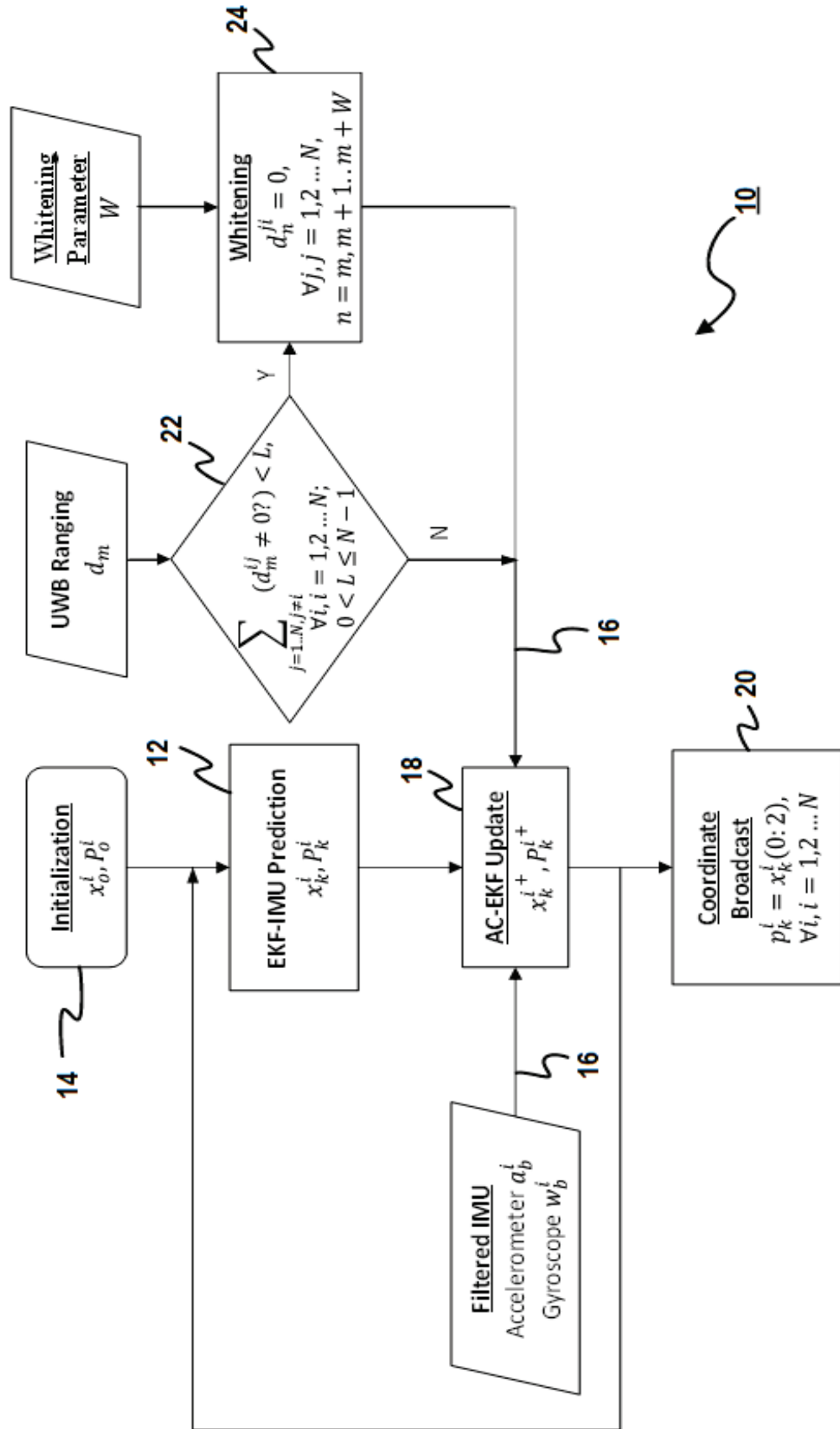


FIG. 1

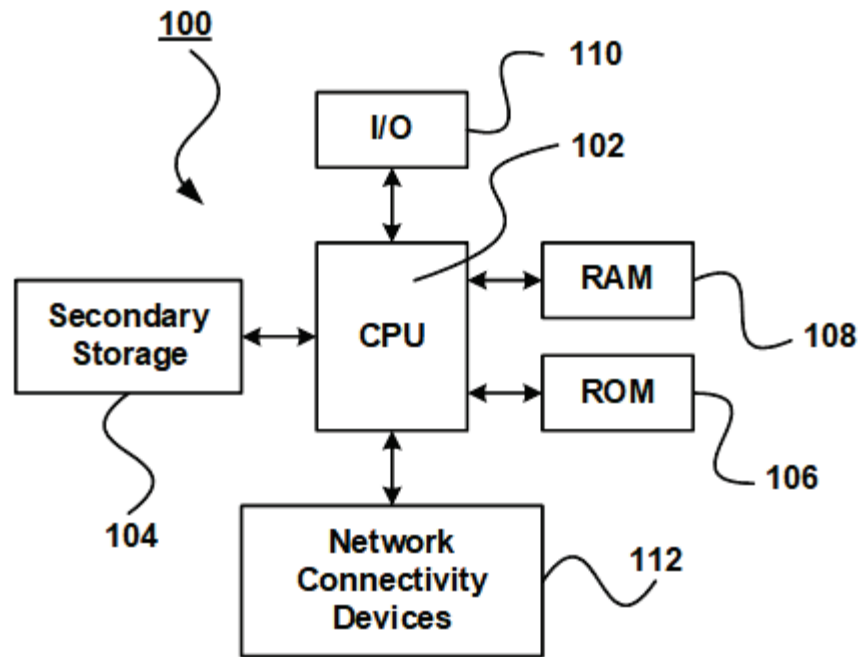


FIG. 2



FIG. 3

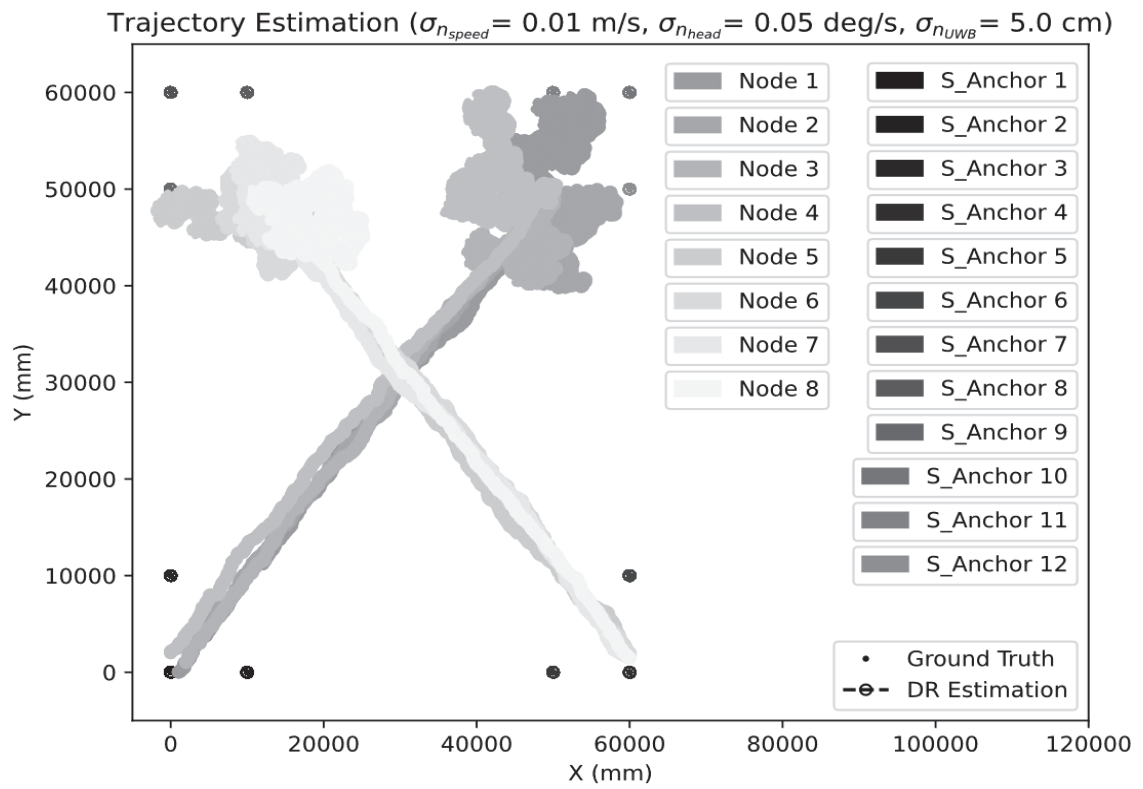


FIG. 4A

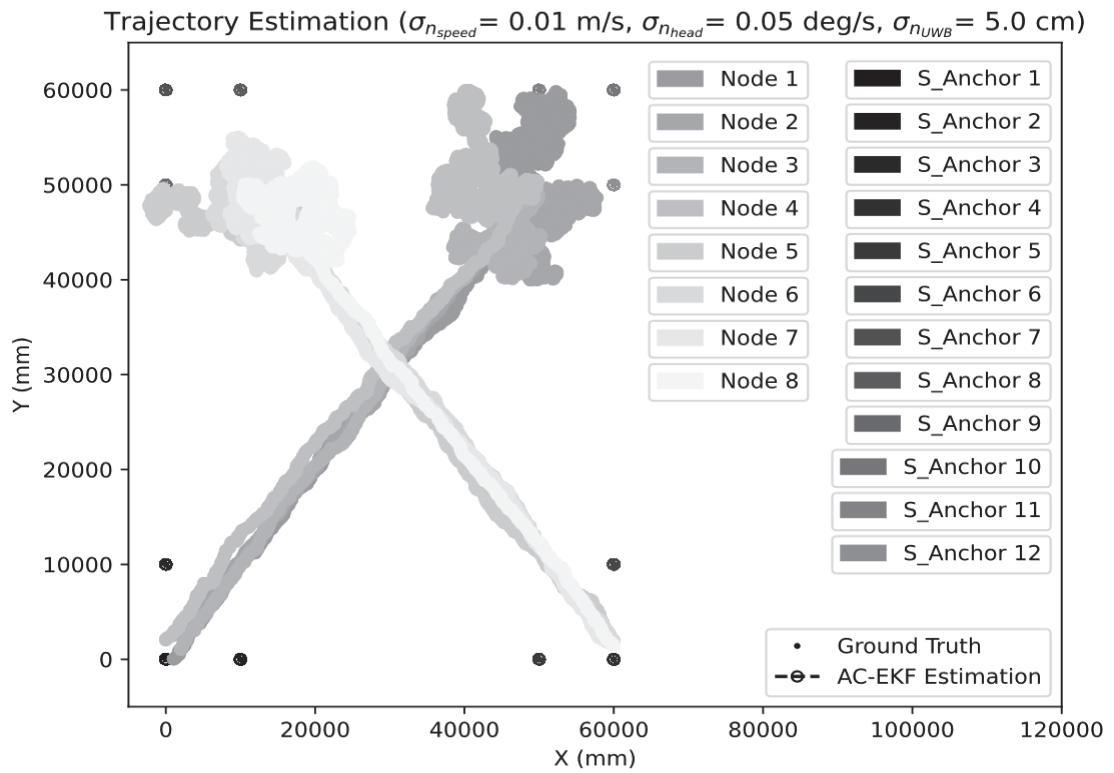


FIG. 4B

Trajectory Estimation ($\sigma_{n_{speed}} = 0.01$ m/s, $\sigma_{n_{head}} = 0.05$ deg/s, $\sigma_{n_{UWB}} = 5.0$ cm)

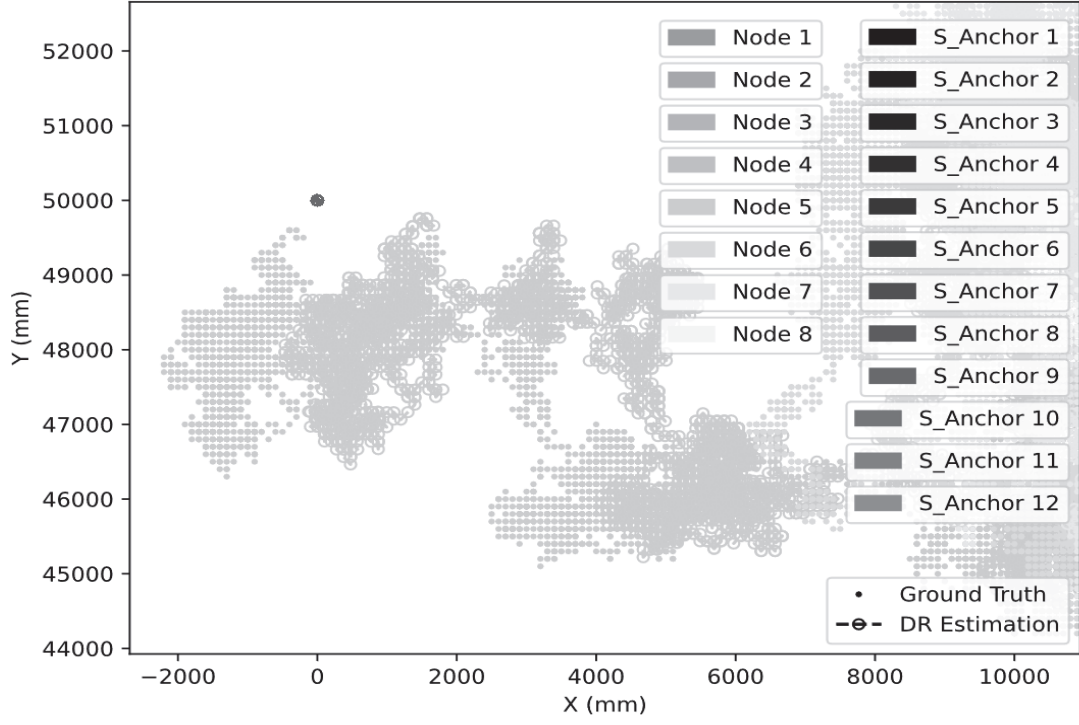


FIG. 5A

Trajectory Estimation ($\sigma_{n_{speed}} = 0.01$ m/s, $\sigma_{n_{head}} = 0.05$ deg/s, $\sigma_{n_{UWB}} = 5.0$ cm)

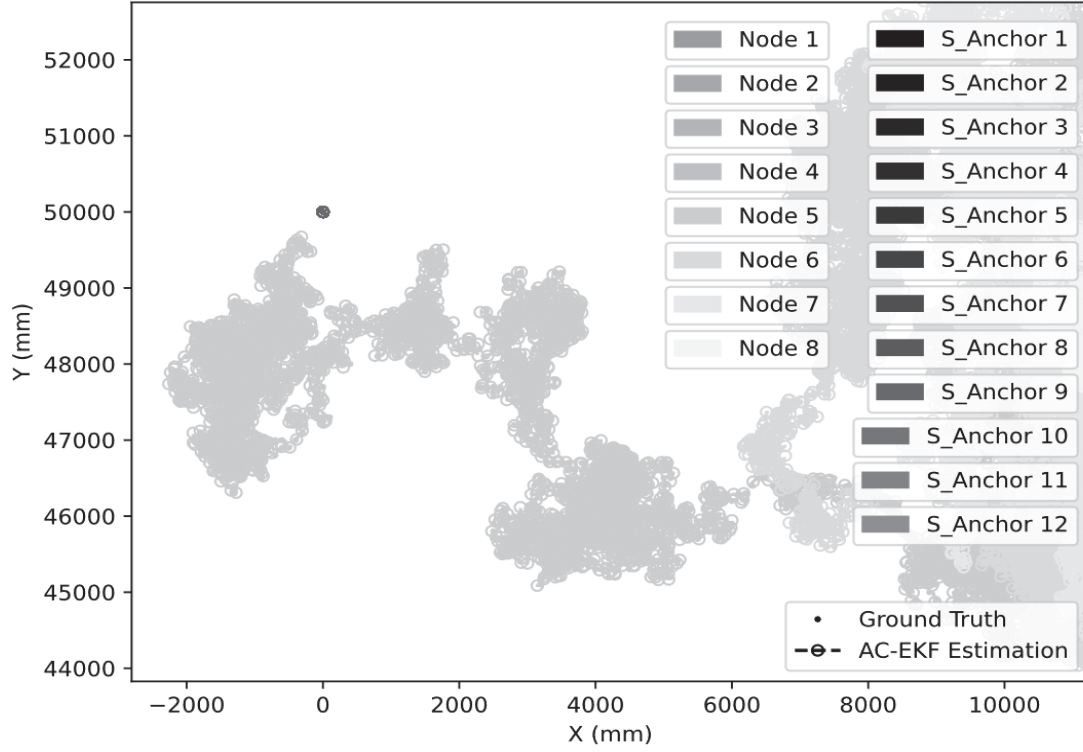


FIG. 5B

CDF of Estimation Error ($\sigma_{n_{speed}} = 0.01$ m/s, $\sigma_{n_{head}} = 0.05$ deg/s, $\sigma_{n_{UWB}} = 5.0$ cm) within range of starting static anchor

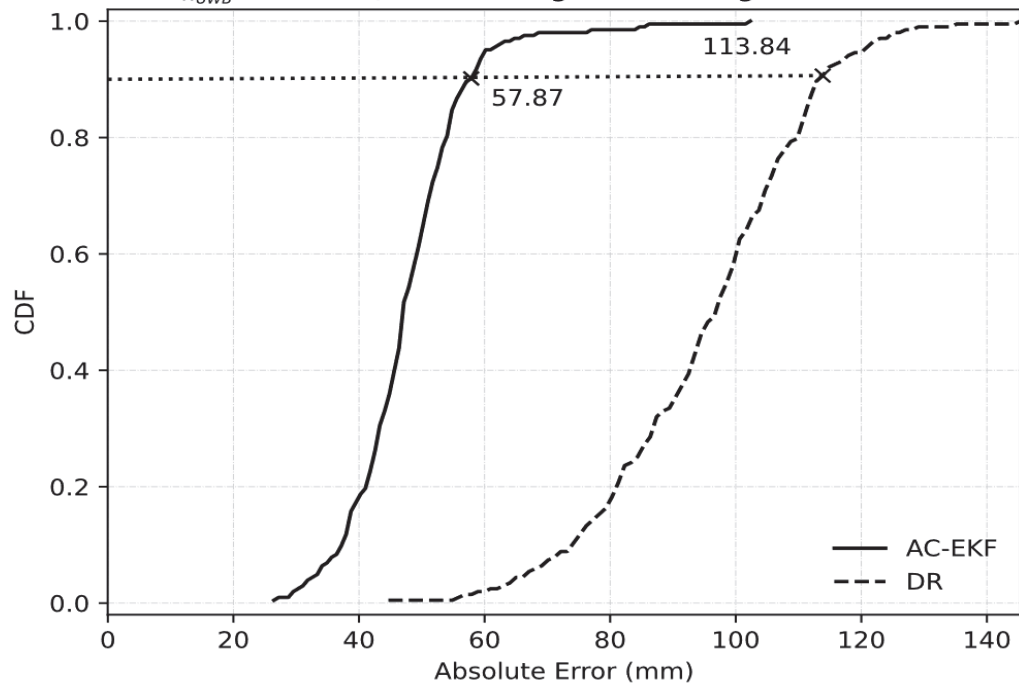


FIG. 6A

CDF of Estimation Error ($\sigma_{n_{speed}} = 0.01$ m/s, $\sigma_{n_{head}} = 0.05$ deg/s, $\sigma_{n_{UWB}} = 5.0$ cm) out of range of static anchors

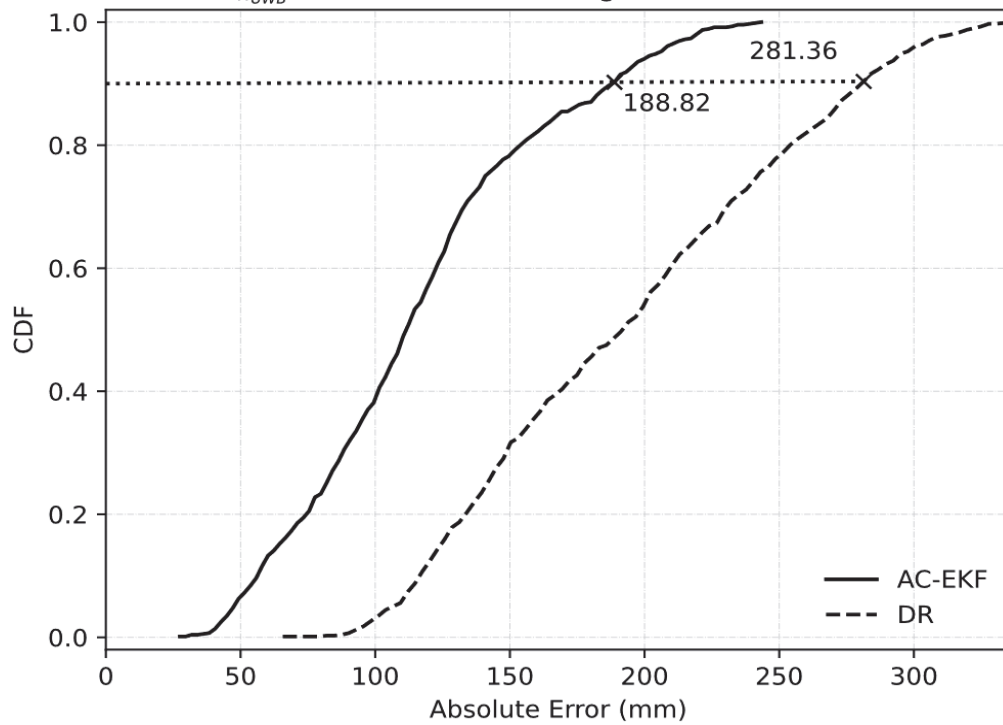


FIG. 6B

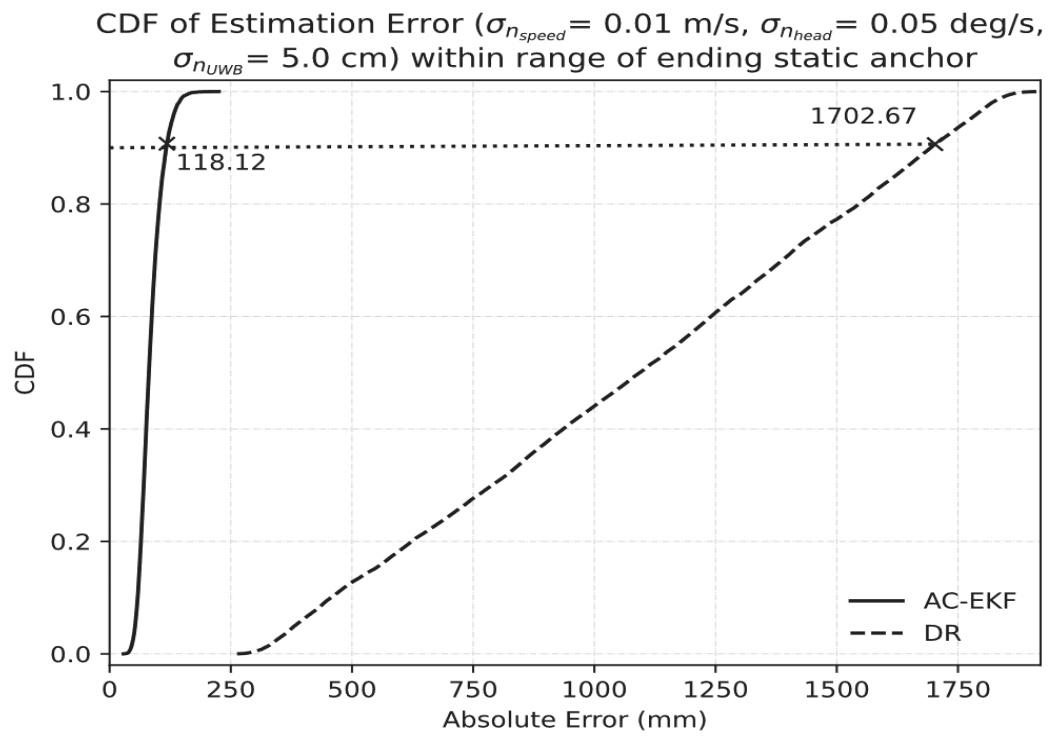


FIG. 6C

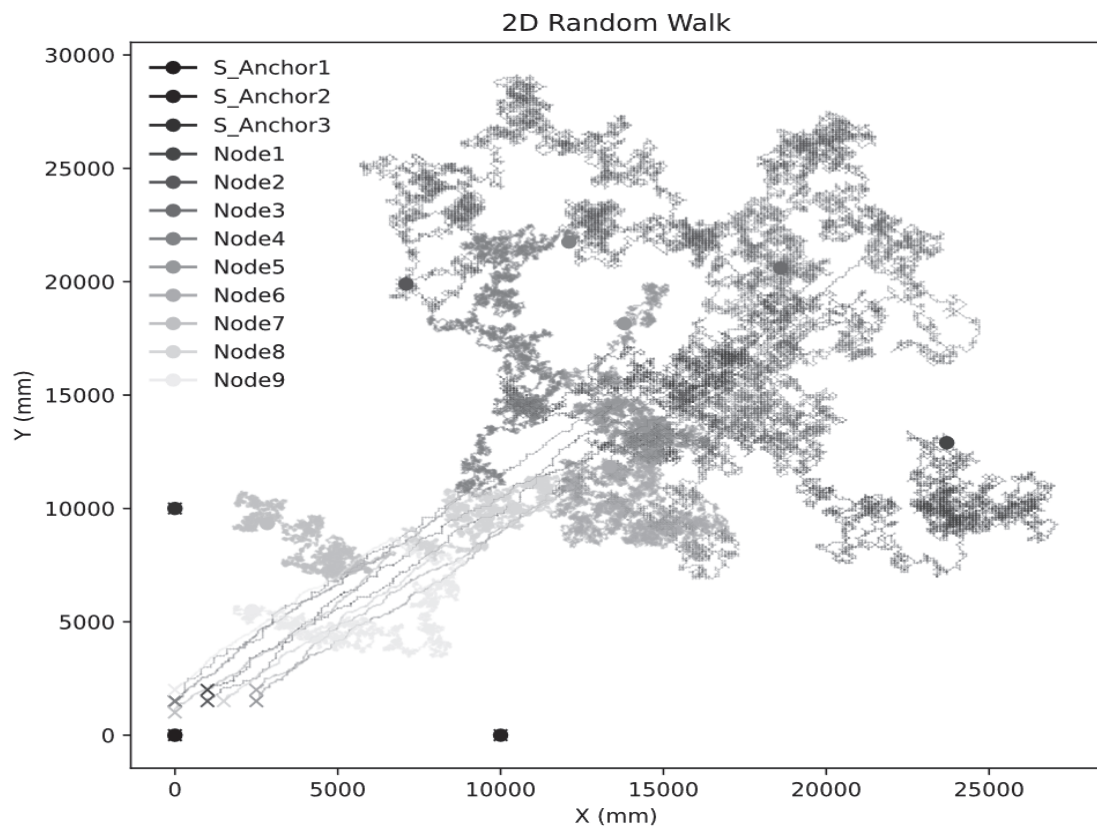


FIG. 7

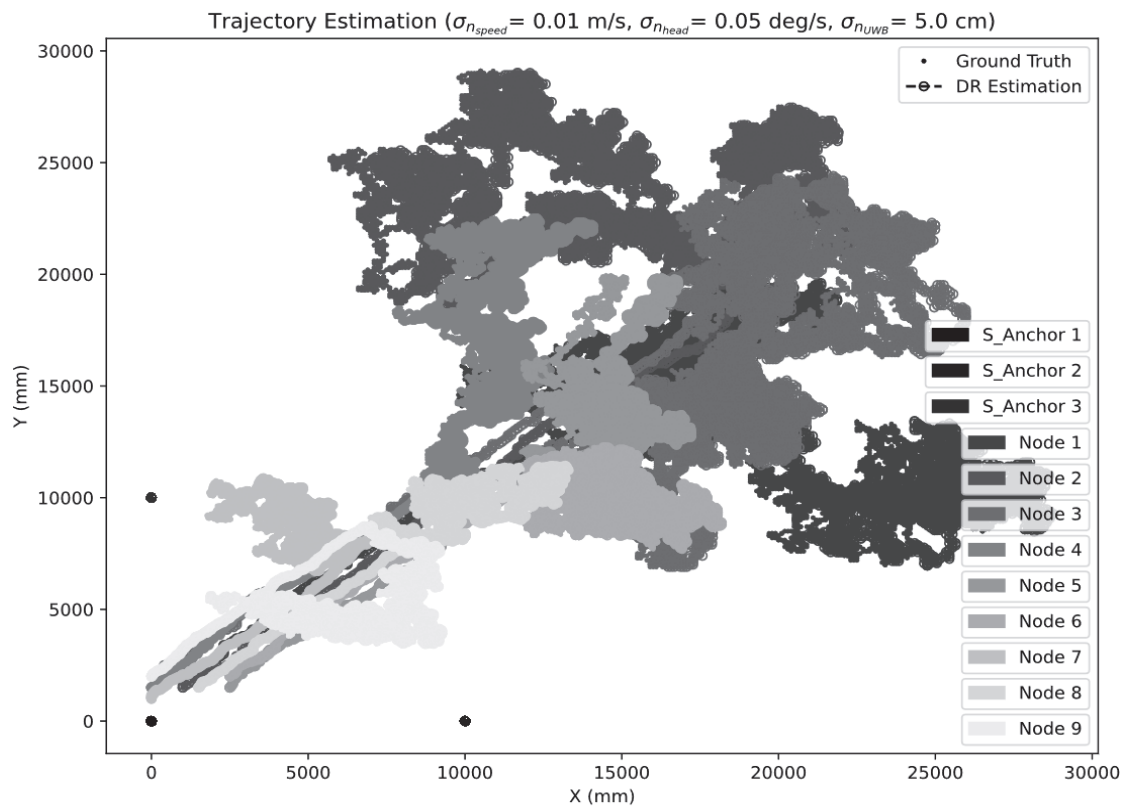


FIG. 8A

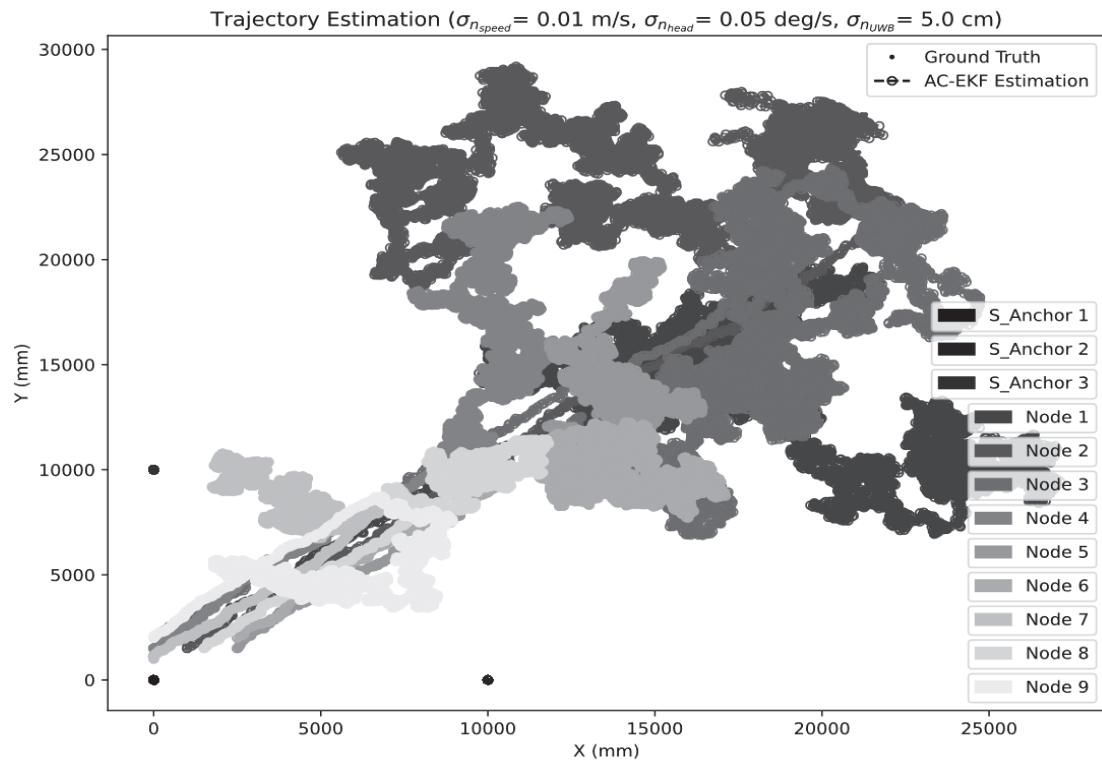


FIG. 8B

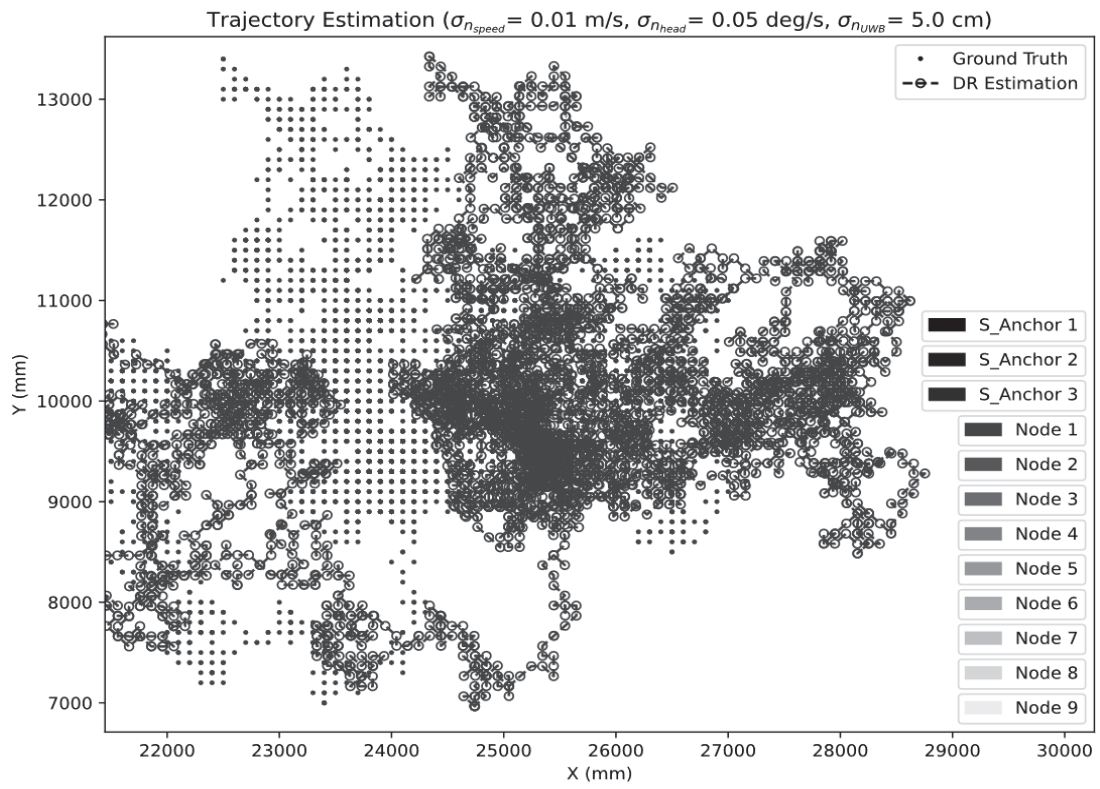


FIG. 9A

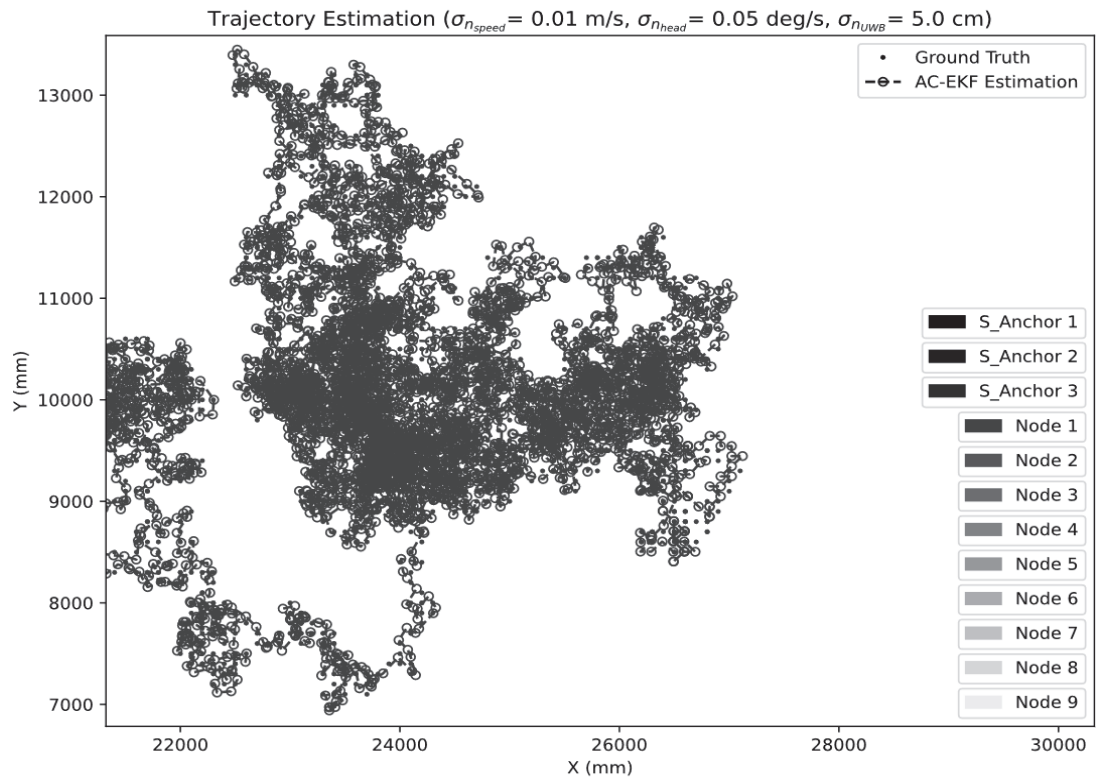


FIG. 9B

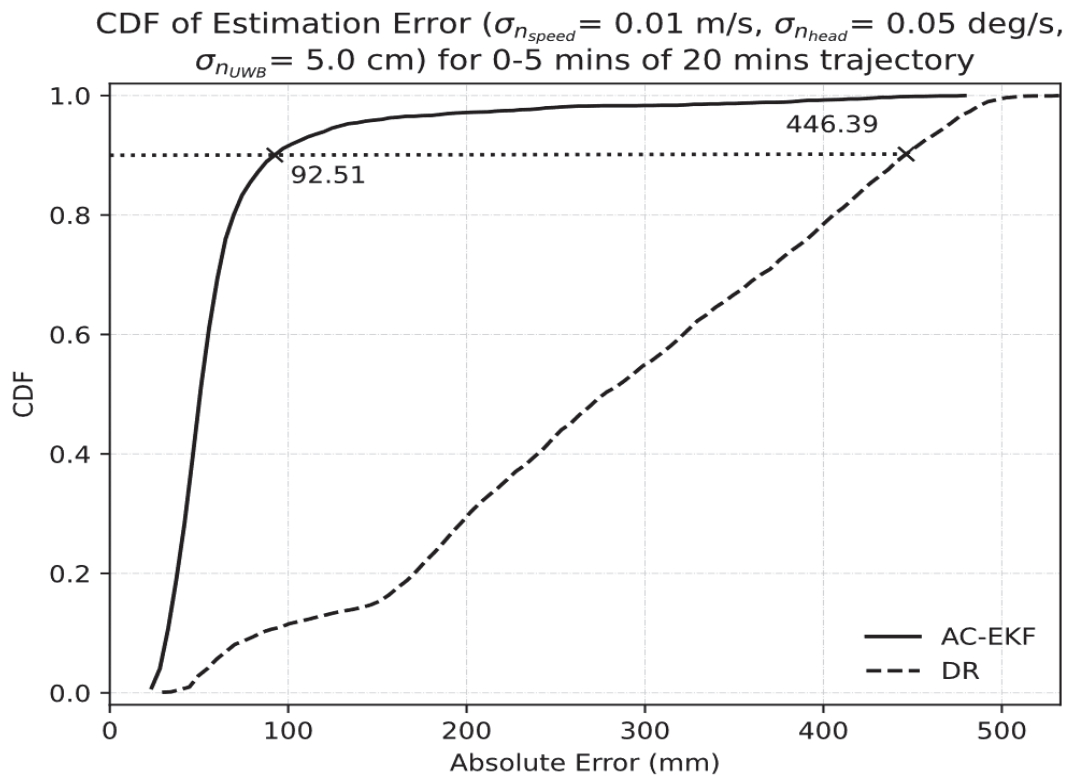


FIG. 10A

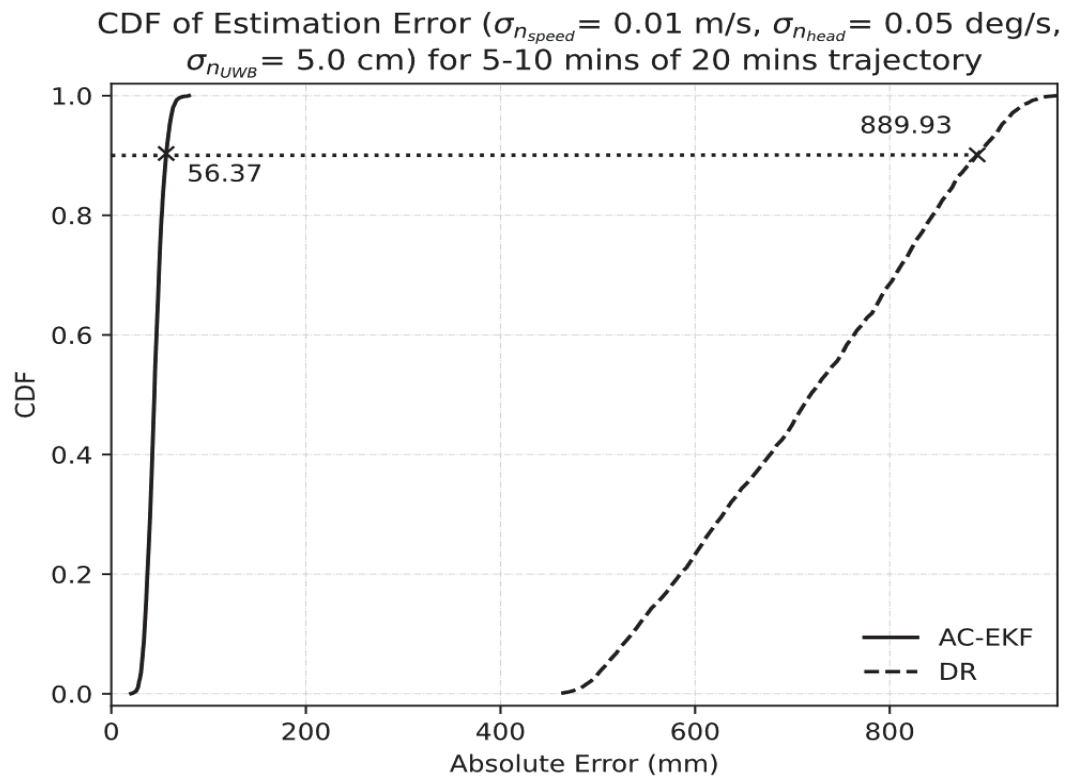


FIG. 10B

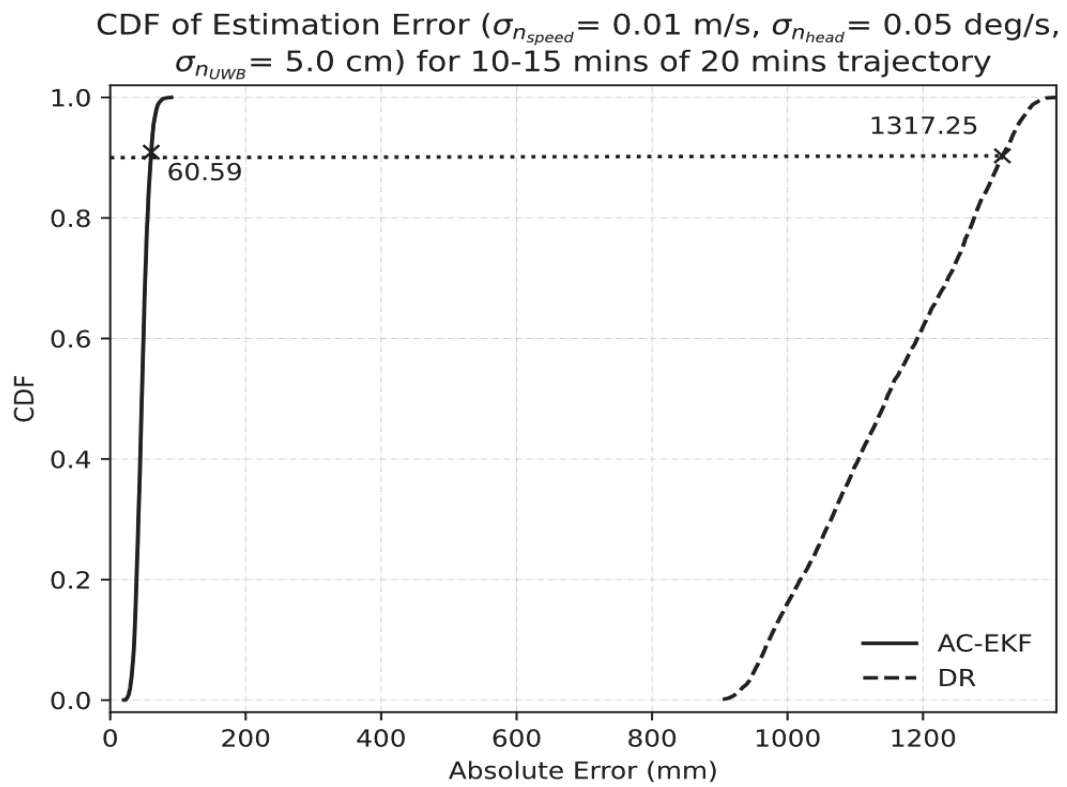


FIG. 10C

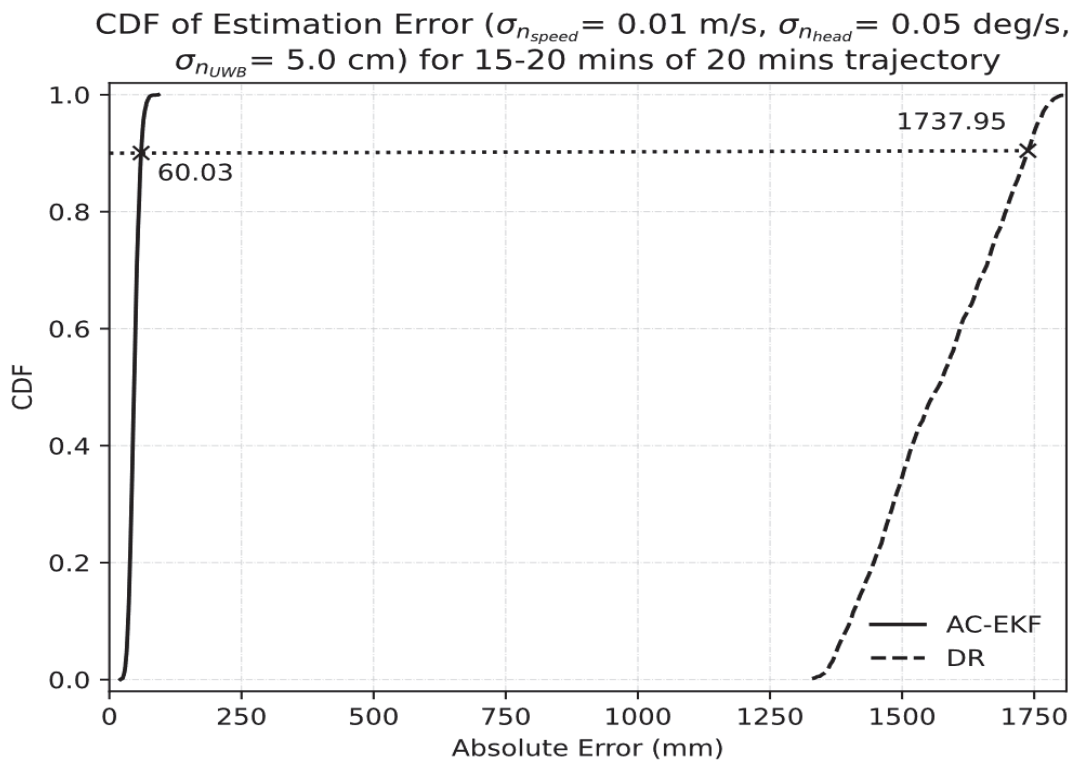


FIG. 10D