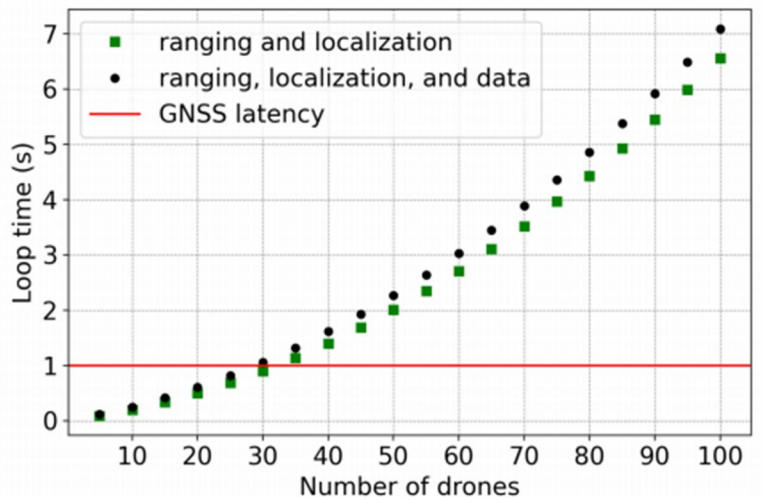
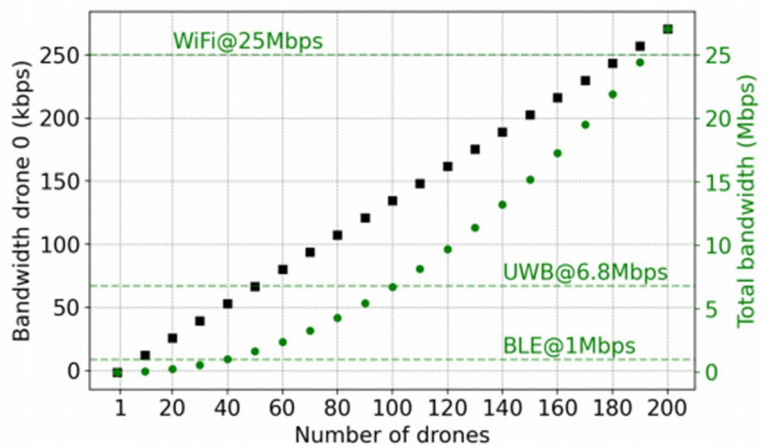
Data Transmission vs Number



Bandwidth vs Number



System and Performance Comparison

	Mapping Accuracy	Battery free	Weight	Total Power	Computing Power	Reference
1	8-12cm	No	35.68g	10W	200mW	Minimal navigation solution for a swarm of tiny flying robots to explore an unknown environment
2	<30cm	No	46g	8.96W	960mW	Ultra-Lightweight Collaborative Mapping for Robot Swarms
3	10-15cm	No	34.8g	5-10W	240mW	Fully Onboard SLAM for Distributed Mapping with a Swarm of Nano-Drones
4	8-10cm	No	44g	5-10W	350mW	NanoSLAM: Enabling fully onboard SLAM for tiny robots
5	2.14cm	No	>2kg	100W	30W	PGO-LIOM: Tightly-coupled LiDAR-inertial odometry