

A PRECISE, LOW-COST RTK GNSS SYSTEM FOR UAV APPLICATIONS

- the capabilities of single frequency receivers are verified and then adapted and developed
- modular GNSS System is based on the solution of the L1-carried phase ambiguity

– able to:

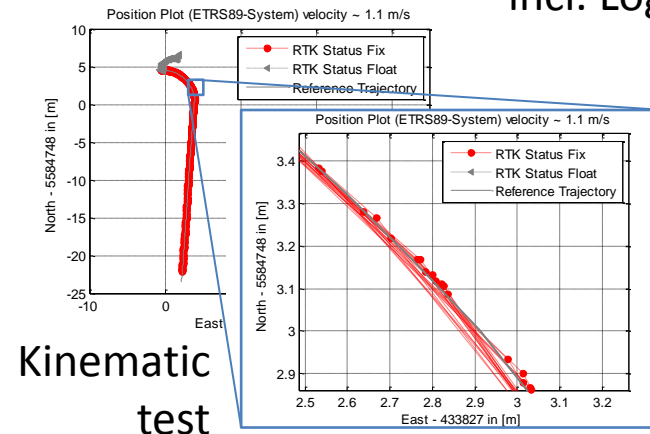
- calculate centimetre-exact,
- 3D-positions in RTK / PP and
- be output to in interfaces

- first testing nearly complete fix ambiguity solution

- Through the low weight and the low cost of the low-cost RTK GNSS-System, existing UAV GNSS receivers can be easily substituted with these GNSS prototypes



u-blox Lea6t & WiFi Modul
incl. Logger



Kinematic
test