

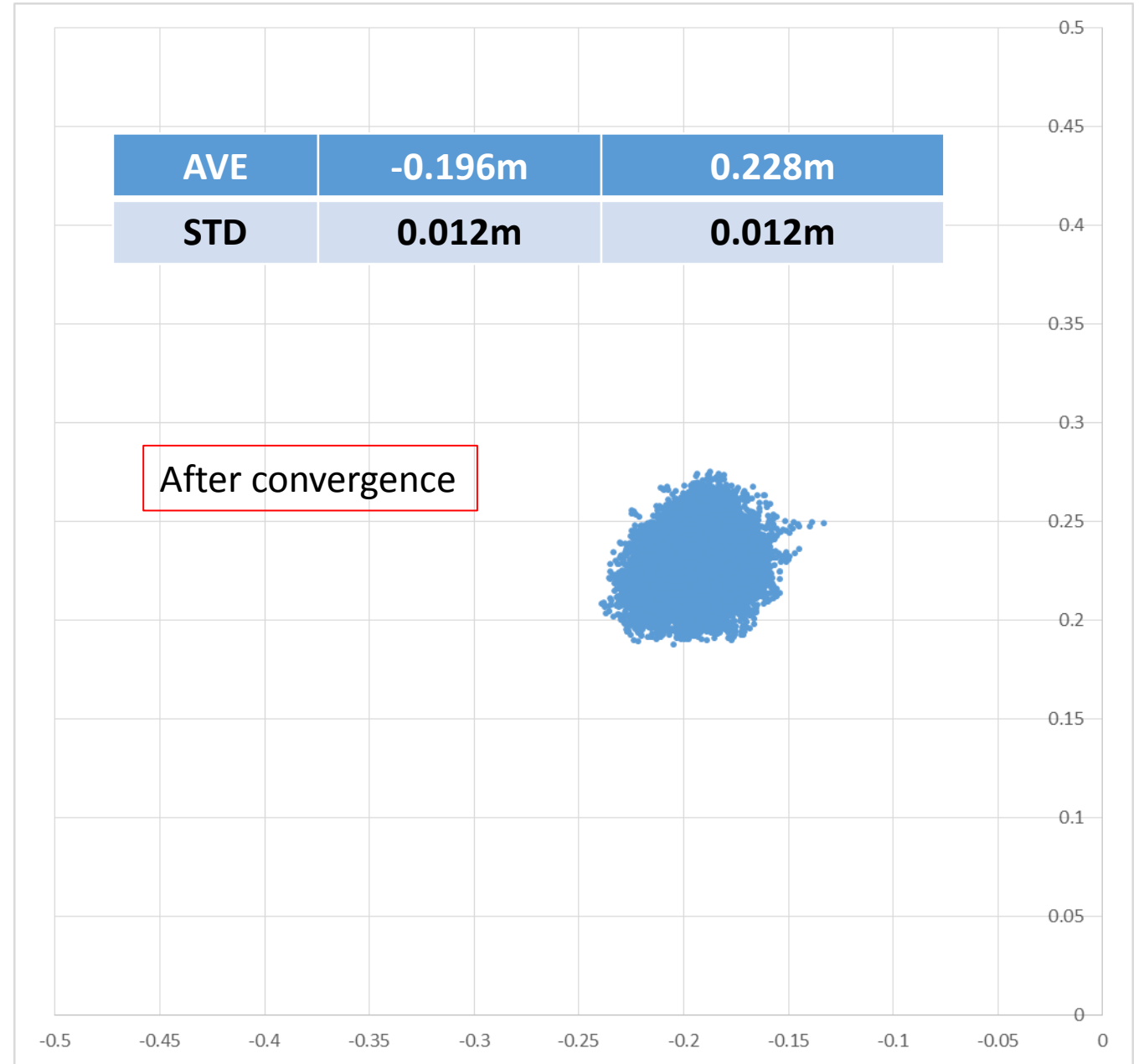
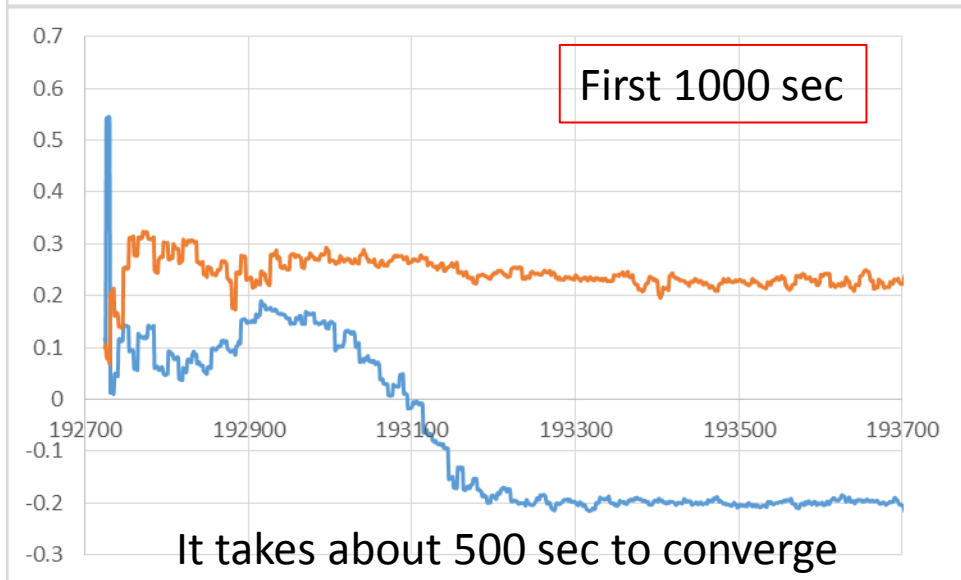
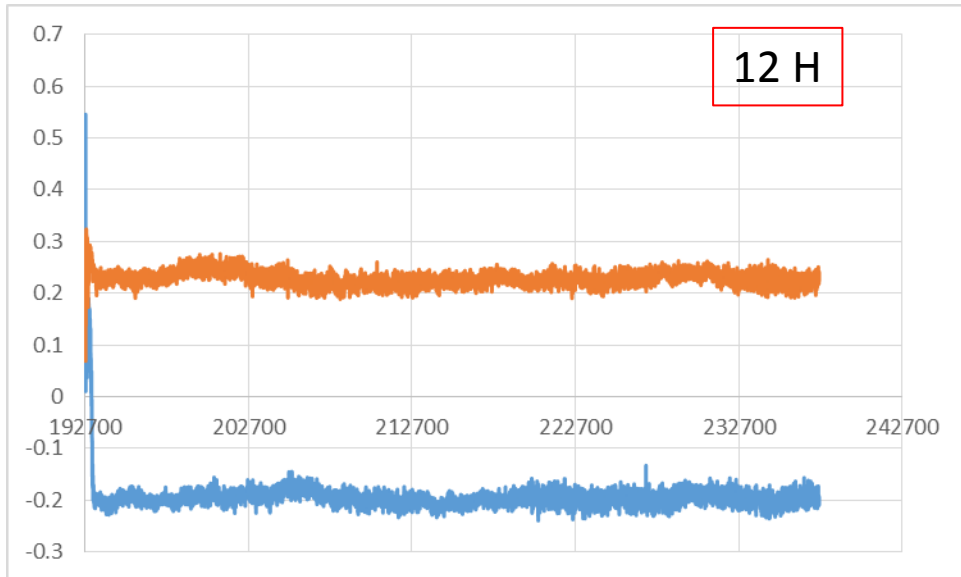
Comparison between 4 positioning methods

PPP / RTK / DGNSS / SPP

4 positioning methods

- PPP (Trimble RTX, real-time)
- RTK (RTKLIB, instantaneous and post-processed)
- Code-phase DGNSS (RTKLIB, instantaneous and post-processed)
- Single Point Positioning (RTKLIB, instantaneously processed)

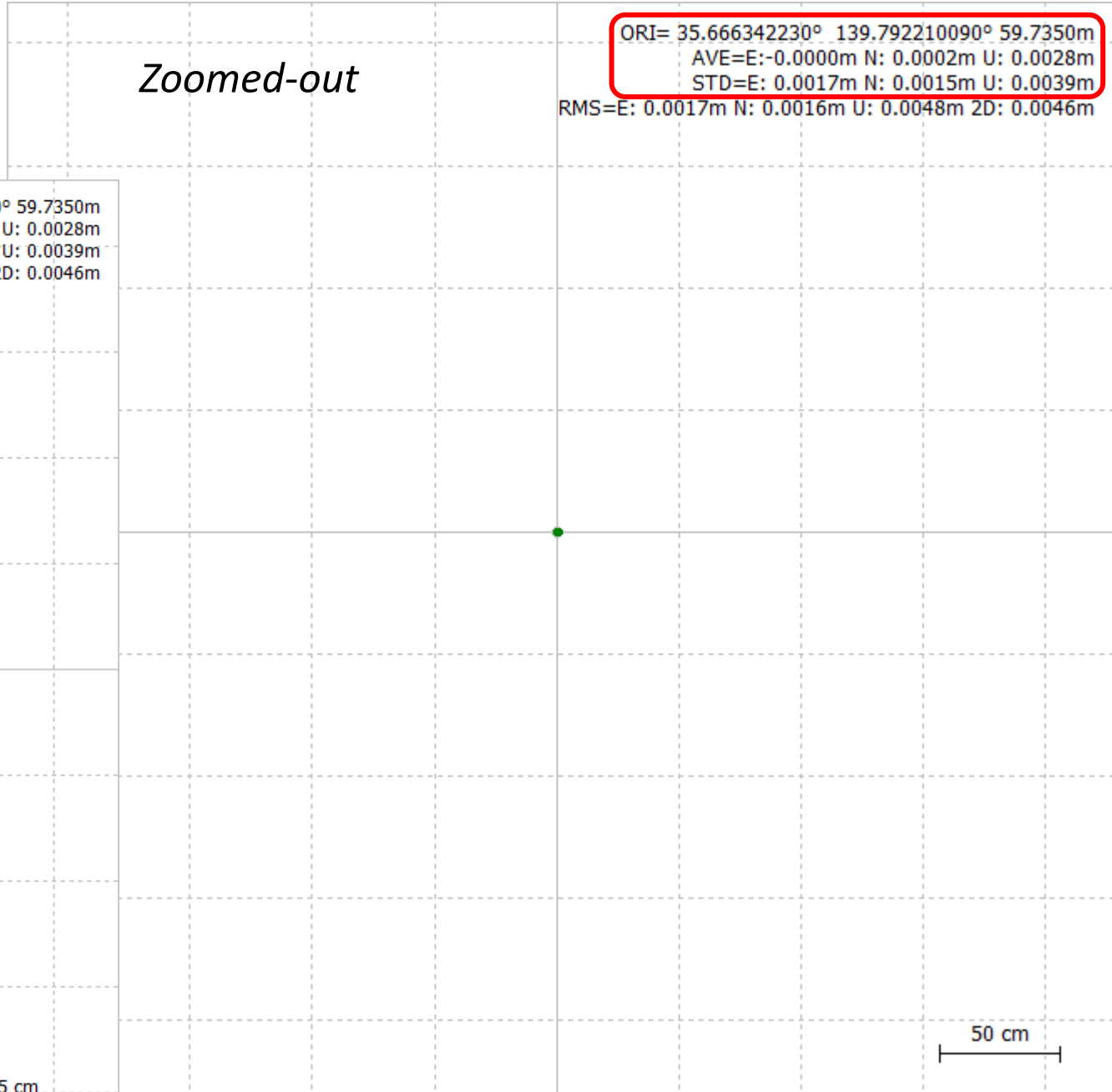
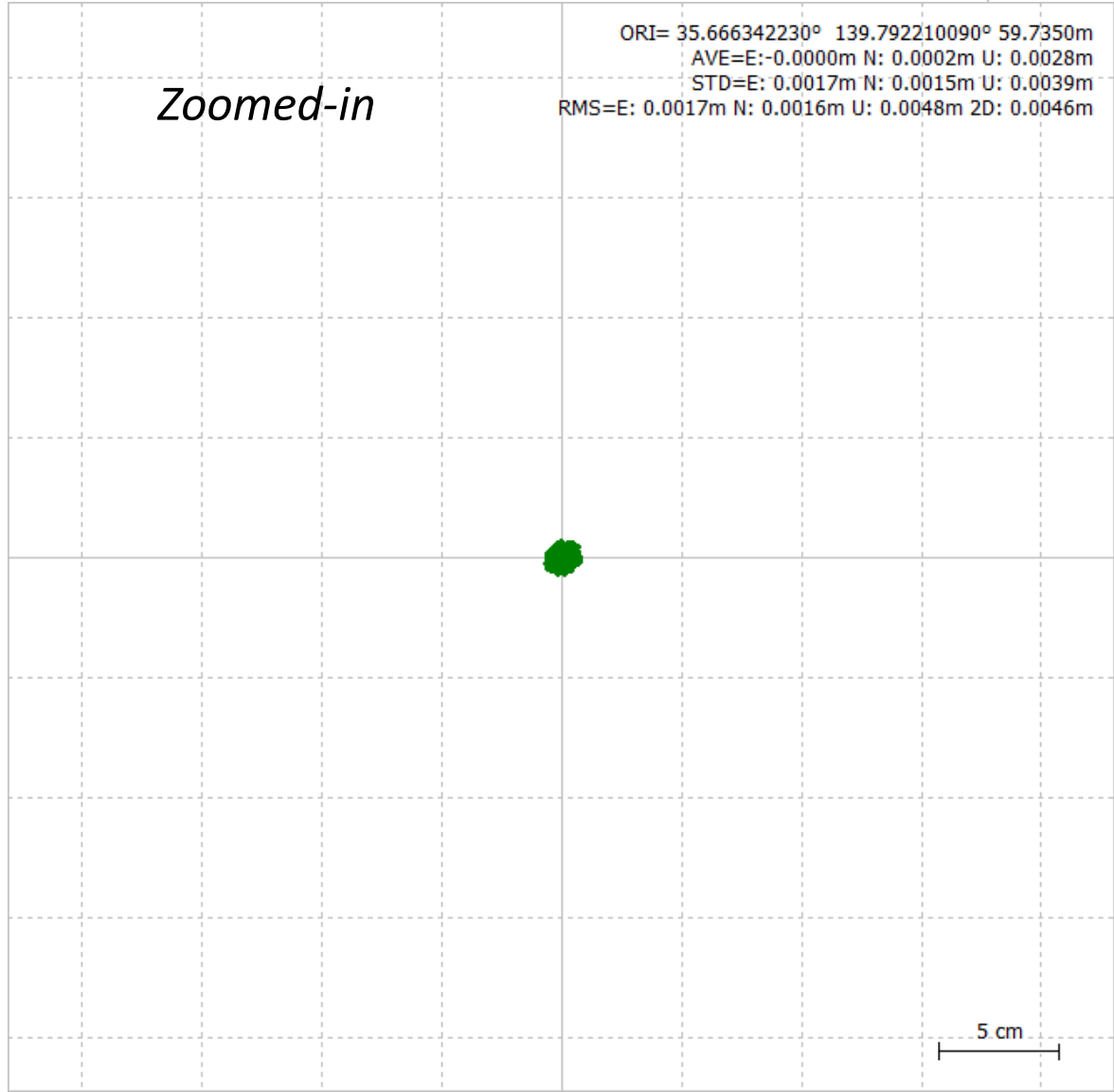
PPP (Trimble RTX)



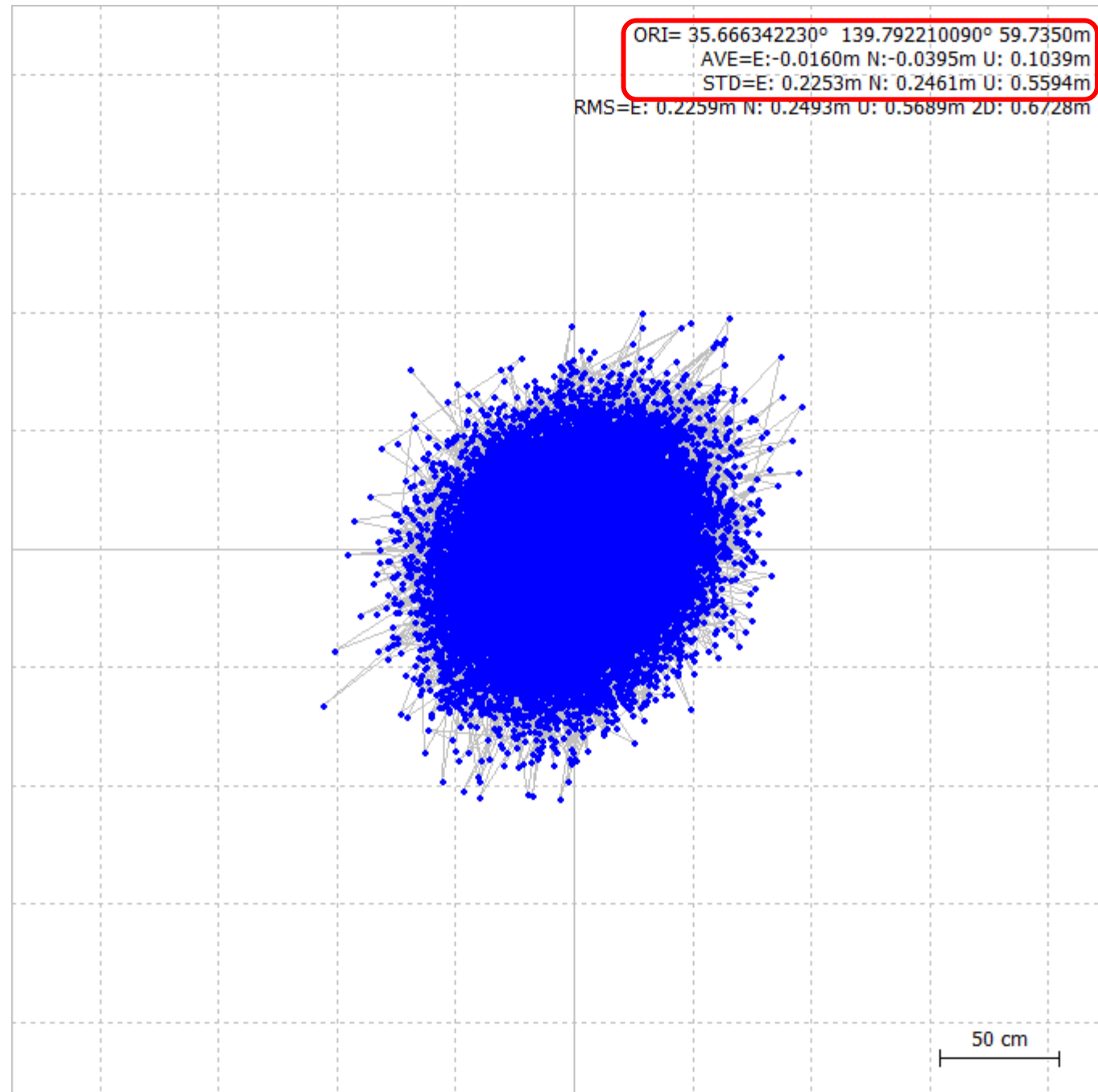
RTK/DGNSS/SPP Test configuration

- Multi-GNSS raw data was obtained using a Trimble SPS855 receiver (rover). The reference station receiver was a Trimble NetR9. The baseline was approx. 1 meter.
- Trimble receiver engine and RTKLIB 2.4.2 p11 were used to analyze the raw data.
- GPS/QZS/GLO/BEI (mask angle 15 deg.)
- 2016/8/9 06:00:00 - 2016/8/09 17:59:59 (12H, UTC)
- Data collected on the rooftop of our building at TUMSAT

RTK



DGNSS



SPP

