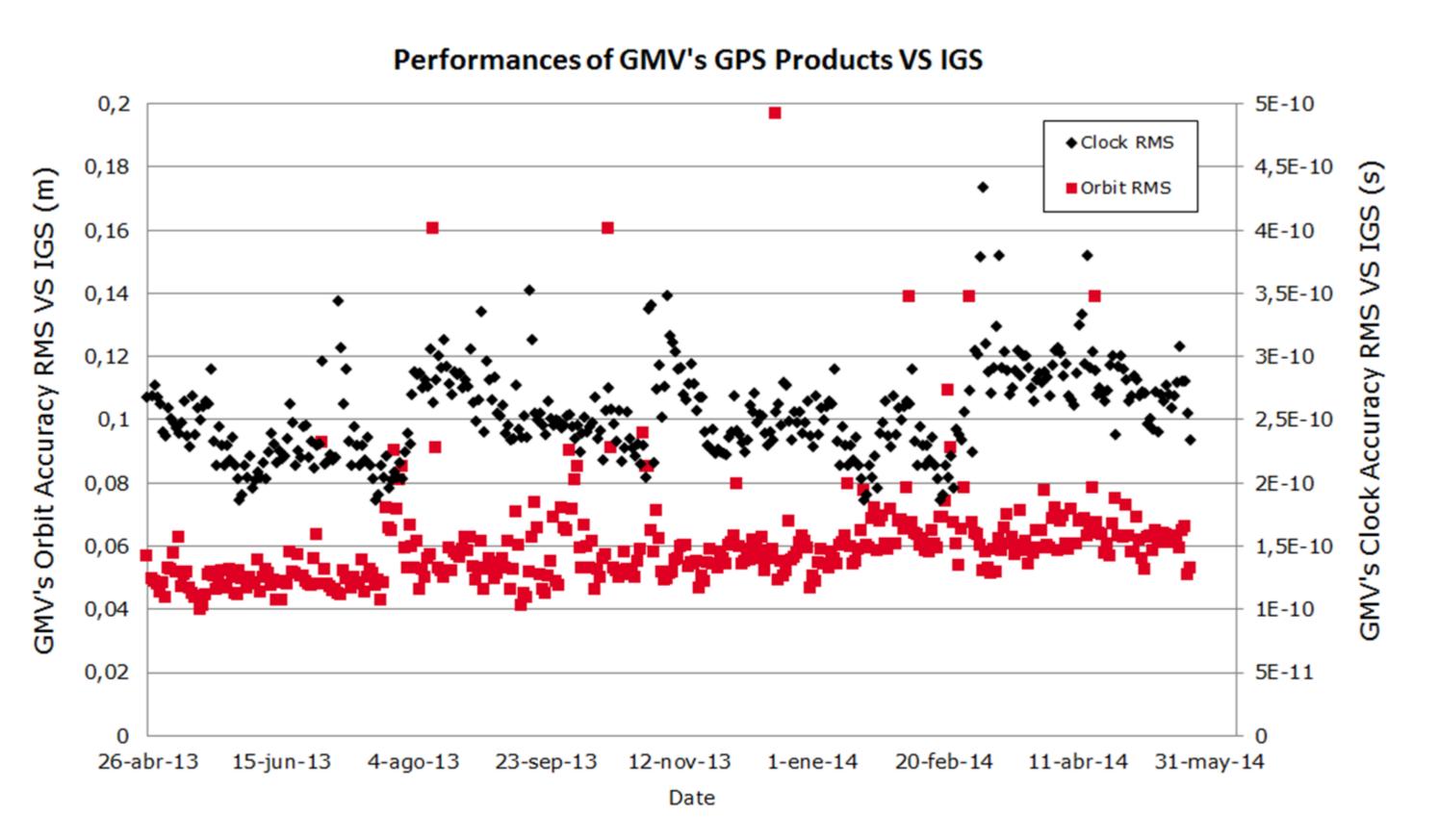
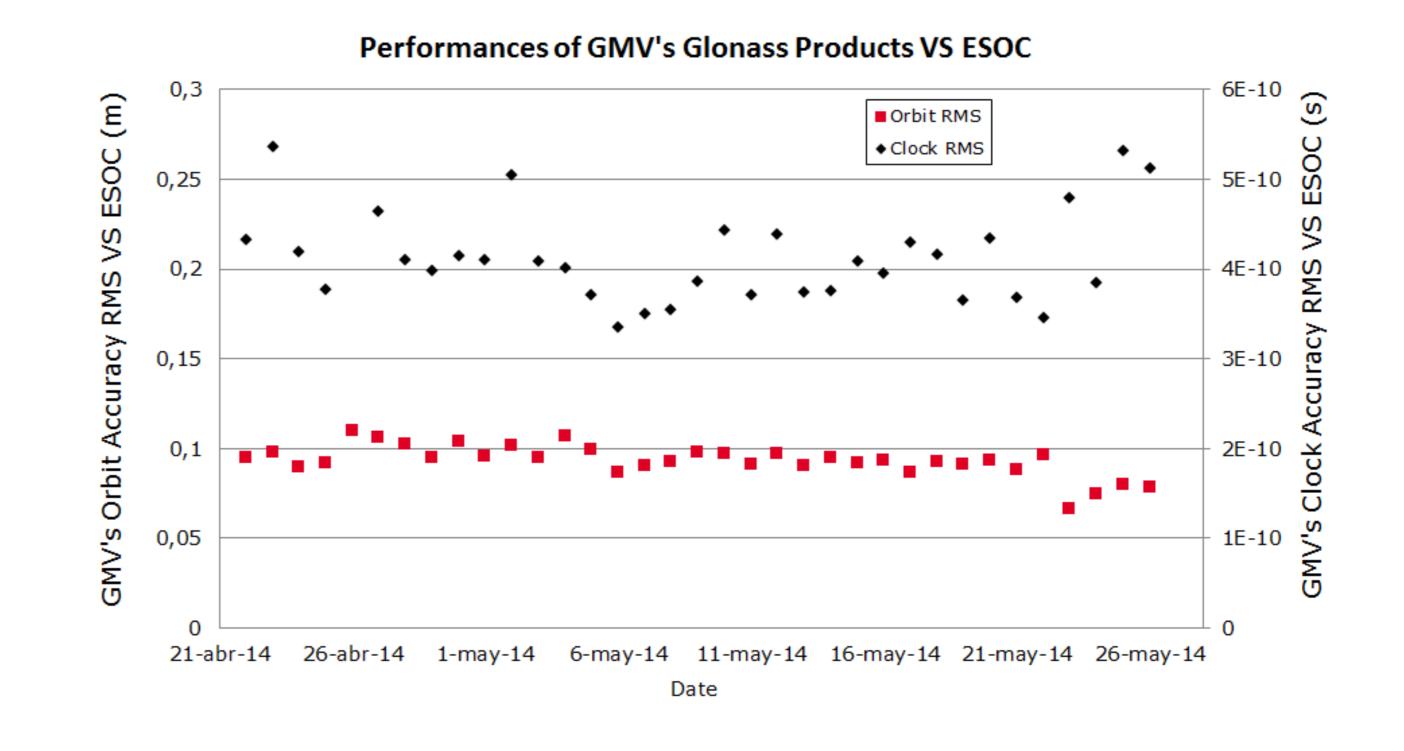
magicGNSS' CONTRIBUTION TO REAL TIME IGS SERVICE

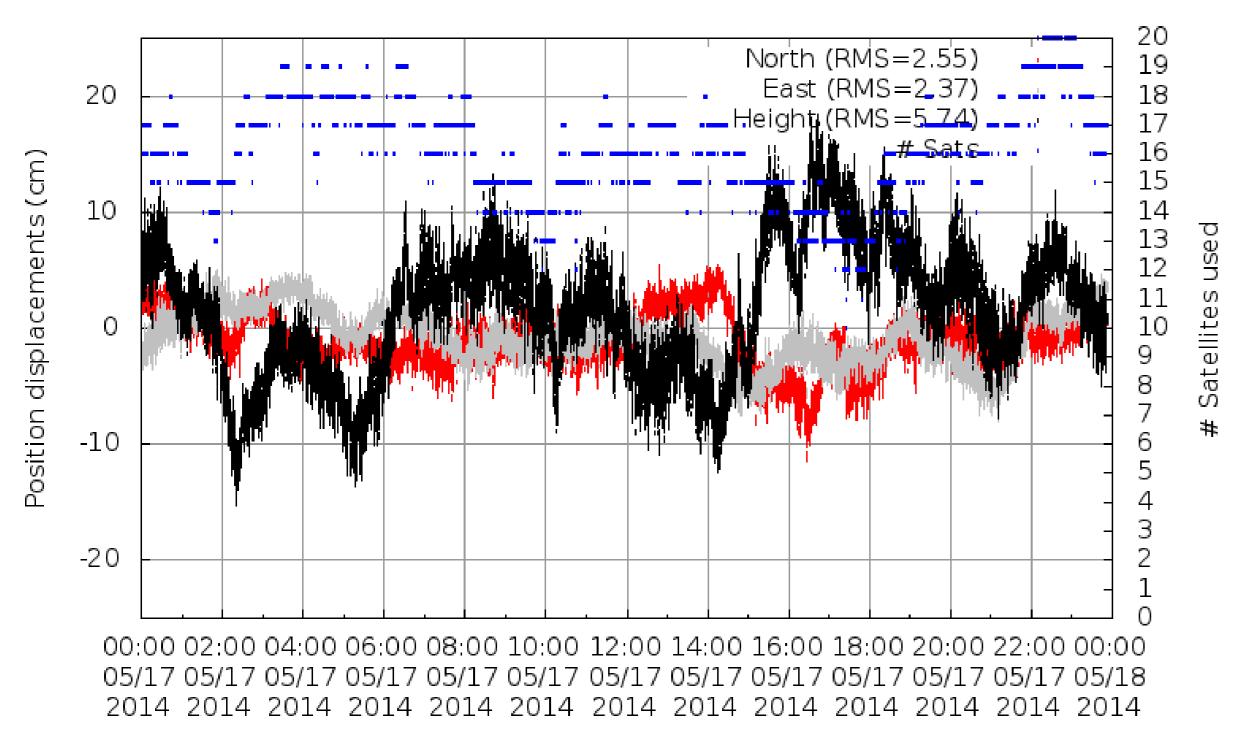
HISTORICAL PERFORMANCES





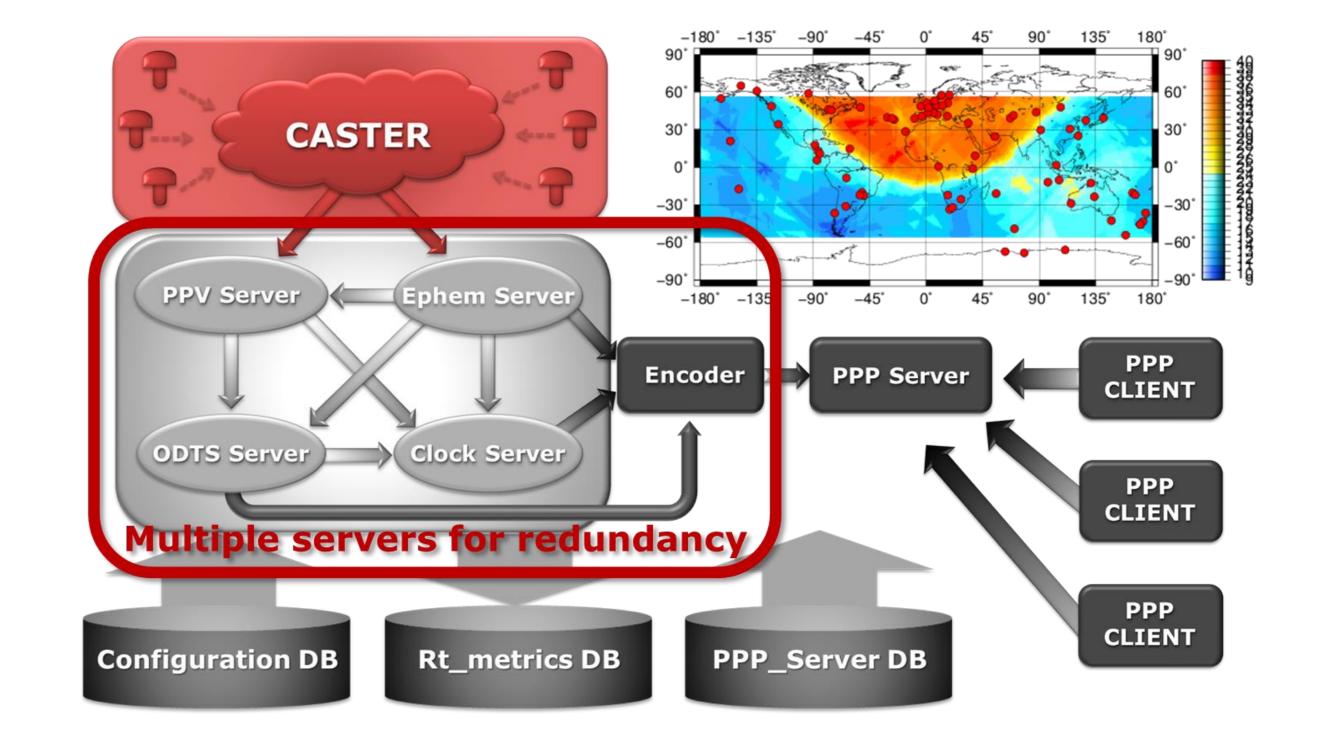
PROCESS ROBUSTNESS

- Server redundancy
- Product quality checks
- Notifications handling (NANUs, NAGUs, GSS outages)
- Online configuration (GSS changes)
- Storage of process indicators
- Quality monitoring via RT PPP



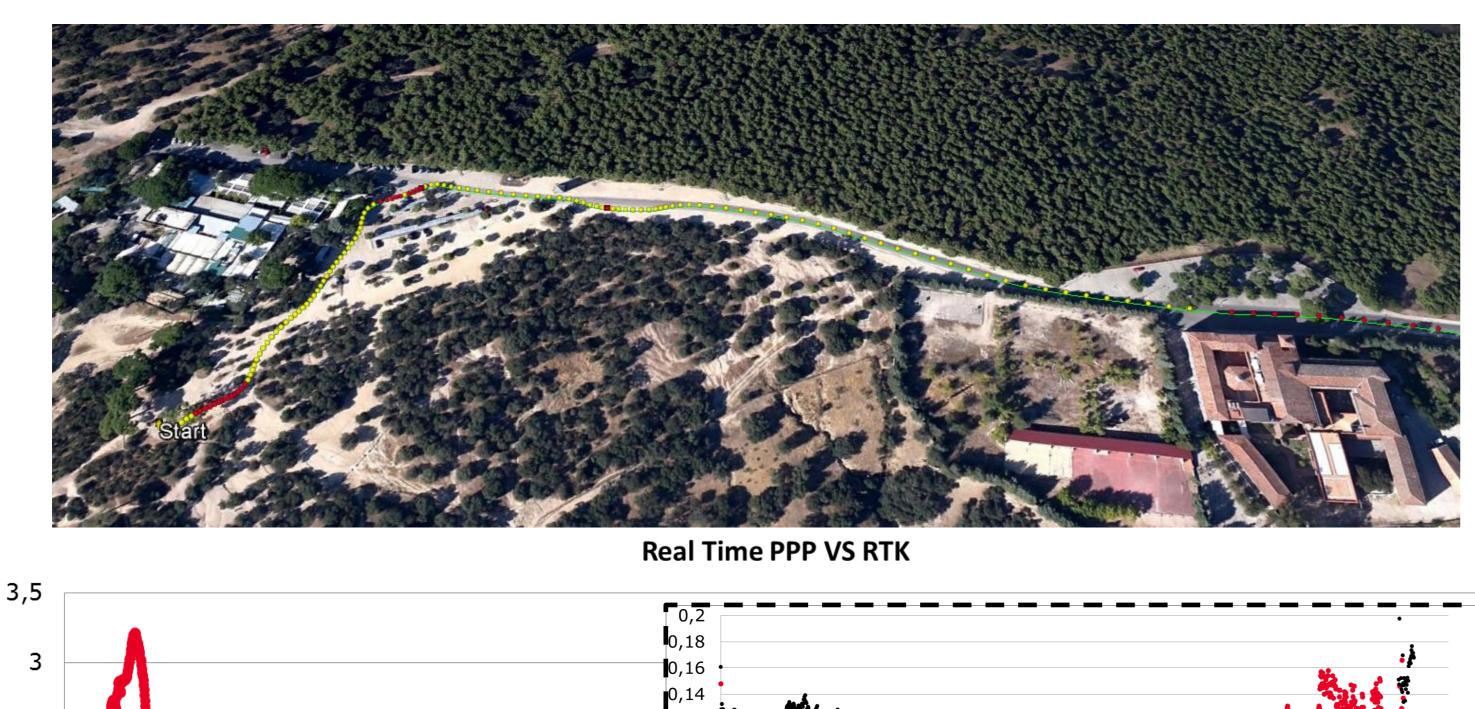
REFERENCE PRODUCTS

- GMV's contribution to Real Time IGS
- **GPS + GLONASS** combined process
- 80 IGS station network
- Orbit update every 15 minutes
- Clock estimation @ 1-sec rate
- RTCM ephemeris corrections



REAL TIME PPP PERFORMANCES

- Real Time testing on the field



Real Time PPP VS RTK

3,5
3
2,5
2,5
1
0,16
0,14
0,12
0,10
0,00
1,3-13 11:09 1-3-13 11:16 1-3-13 11:24 1-3-13 11:31 1-9-13 11:38 1-3-13 11:45 1-3-13 11:52 1-3-13 12:00 1-3-13 12:07

Date

• PPP VS RTK Vertical RMS (m)
• PPP VS RTK Horizontal RMS (m)

- AC's products quality performances via GSS position monitoring by BKG

(http://igs.bkg.bund.de/ntrip/ppp)

