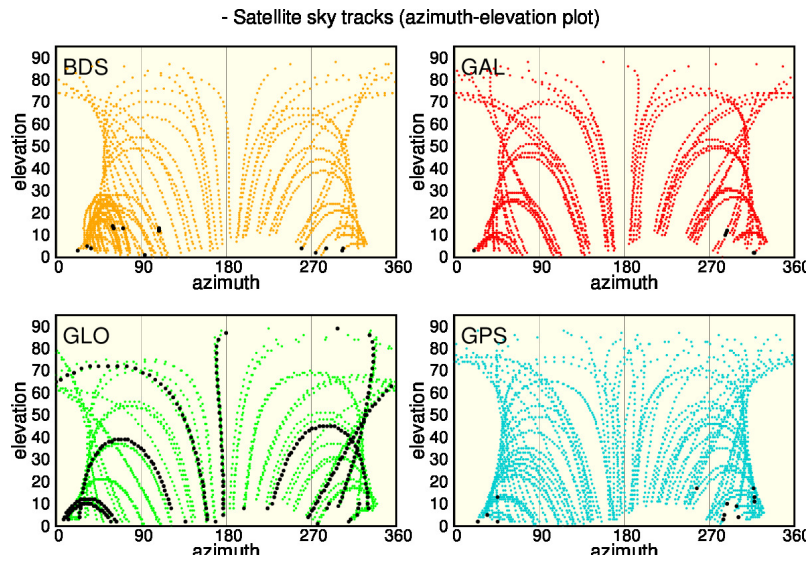# ELGE Daily observation Quality Control for 2022/06/23 30s plots
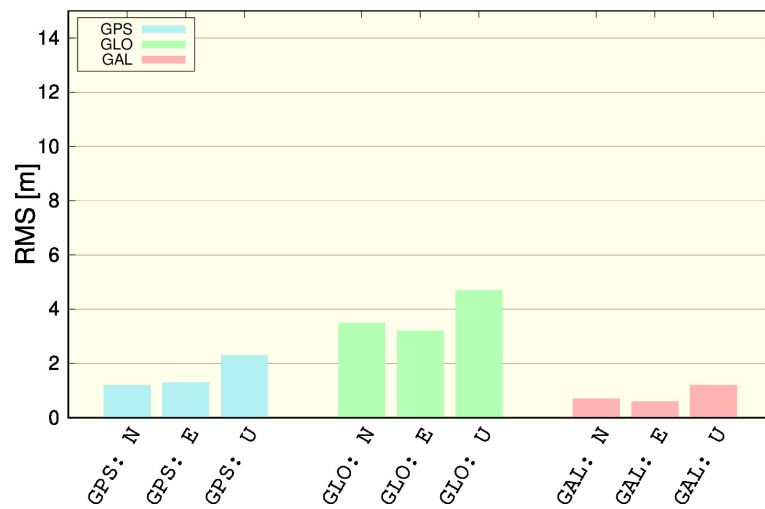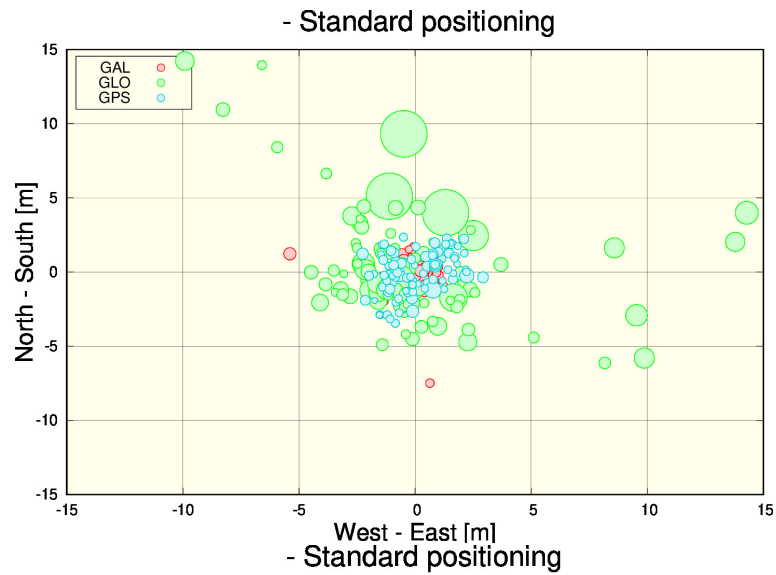
ARANZADI (Department of Applied Geodesy)

Prepared on 2022-06-25 16:20:41

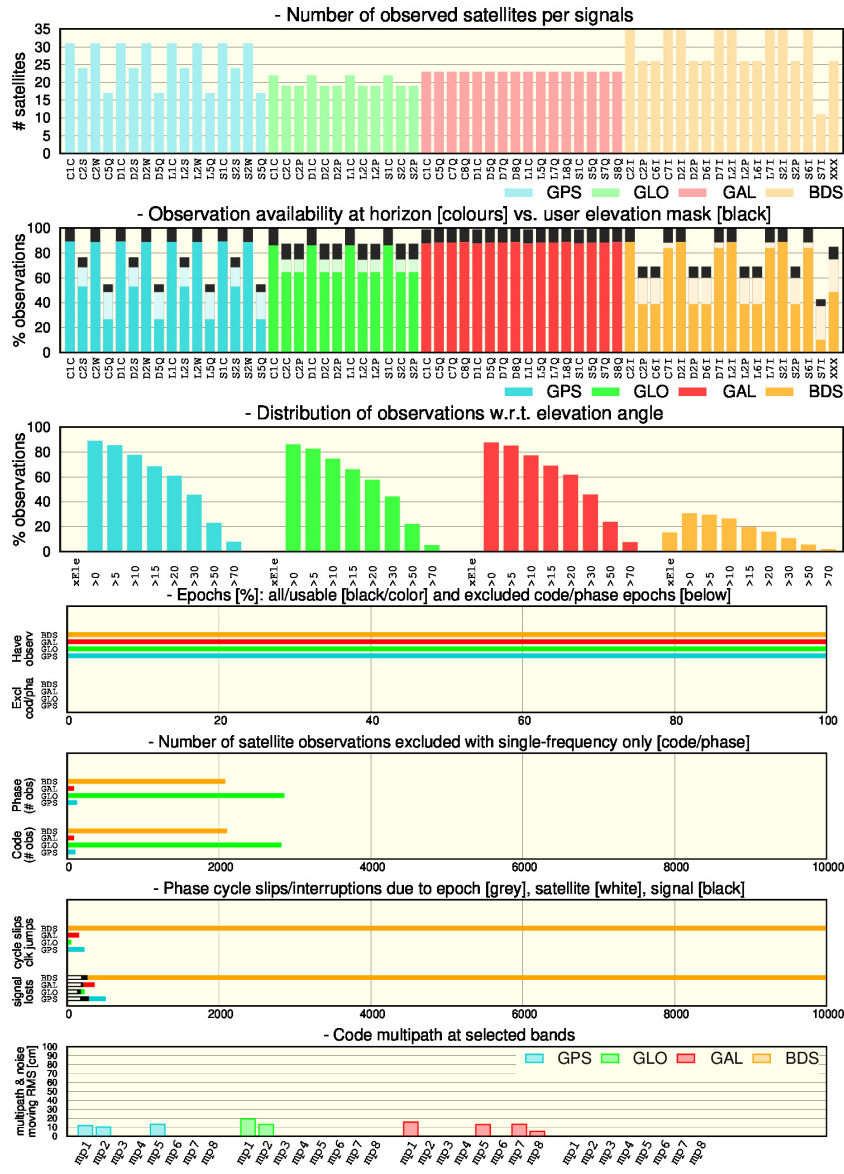# 1 Tracked satellites

- Satellite sky tracks (azimuth-elevation plot)

2 Standard Positioning

- Standard positioning

- Standard positioning

3 Observations

Number of observed satellites per signals

Observation availability at horizon [colours] vs. user elevation mask [black]

Distribution of observations w.r.t. elevation angle

Epochs [%]: all/usable [black/color] and excluded code/phase epochs [below]

Number of satellite observations excluded with single-frequency only [code/phase]

Phase cycle slips/interruptions due to epoch [grey], satellite [white], signal [black]

Code multipath at selected bands

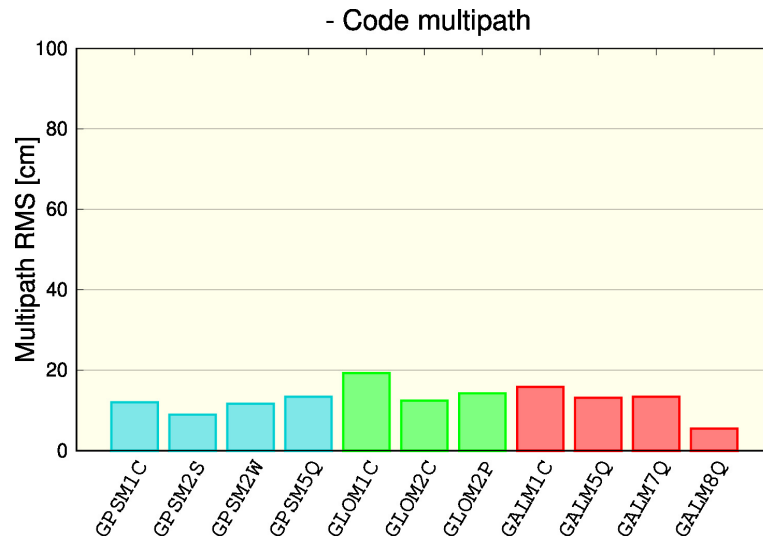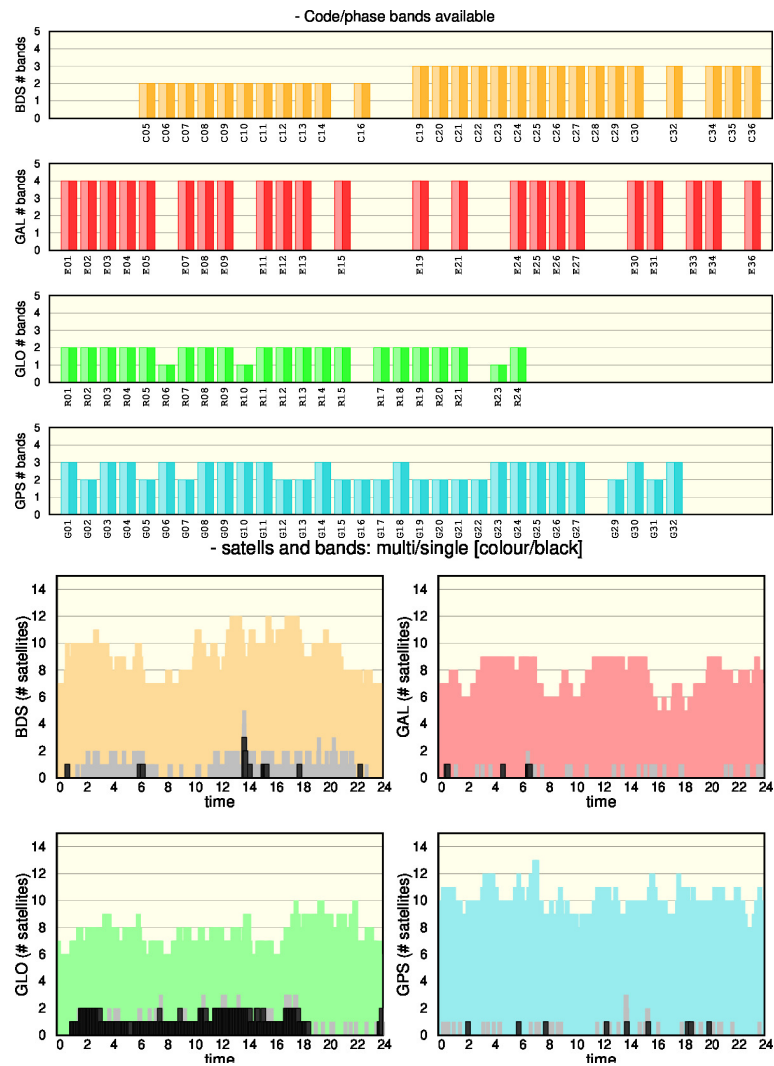# 4 Signal to Noise Ratio (SNR)

Signal-to-noise ratio

5 Code multipath

6 Tracked signals

7 Plots for each Satellite and System

- GPSM2W - Code multipath moving RMS

- GPSM5Q - Code multipath moving RMS

- GPSM1C - Code multipath moving RMS

- GPSM2S - Code multipath moving RMS

- GLOM2C - Code multipath moving RMS

- GLOM2P - Code multipath moving RMS

- GLOM1C - Code multipath moving RMS

- GALM8Q - Code multipath moving RMS

- GALM1C - Code multipath moving RMS

- GALM7Q - Code multipath moving RMS

- GALM5Q - Code multipath moving RMS