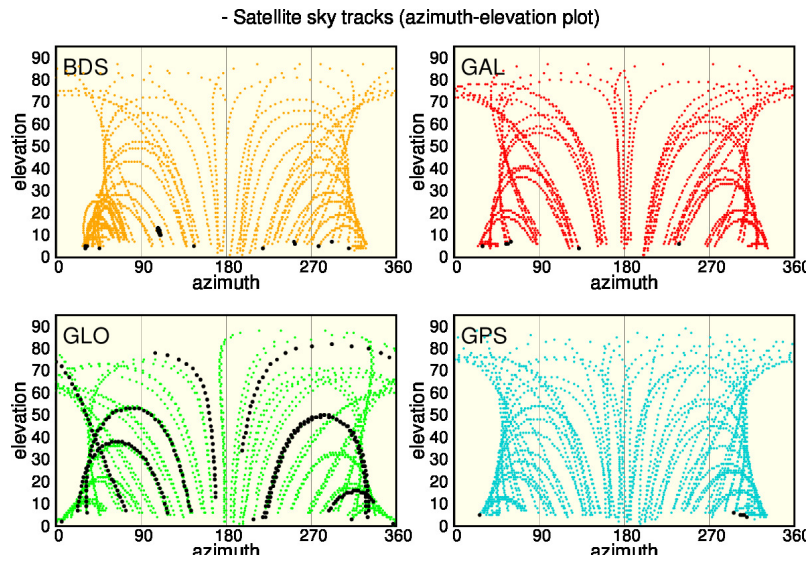# LEMZ Daily observation Quality Control for 2023/01/30 30s plots
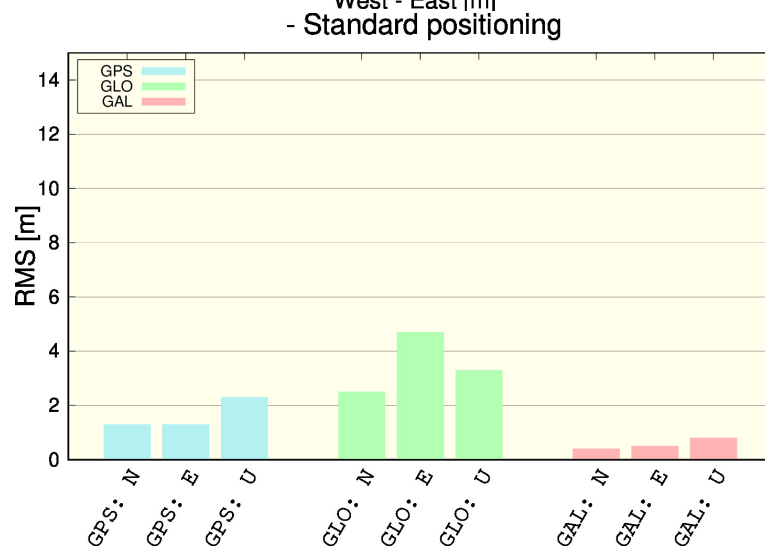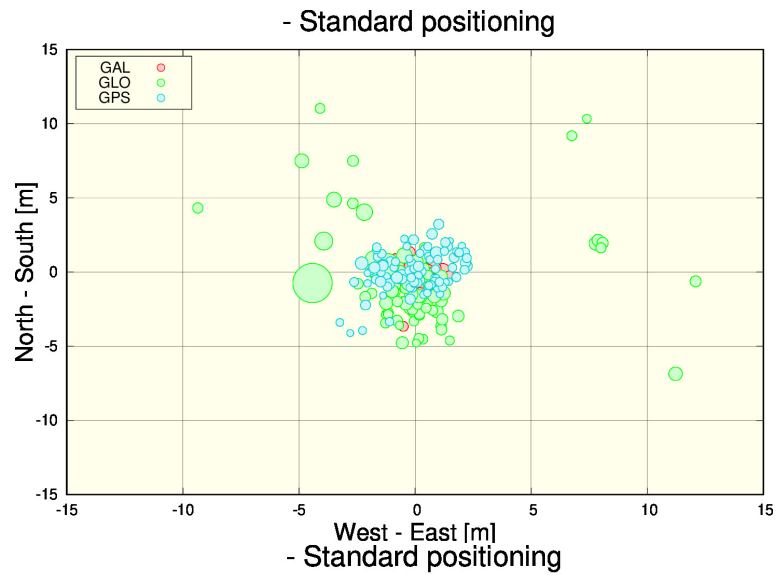
ARANZADI (Department of Applied Geodesy)

Prepared on 2023-02-01 15:30:53

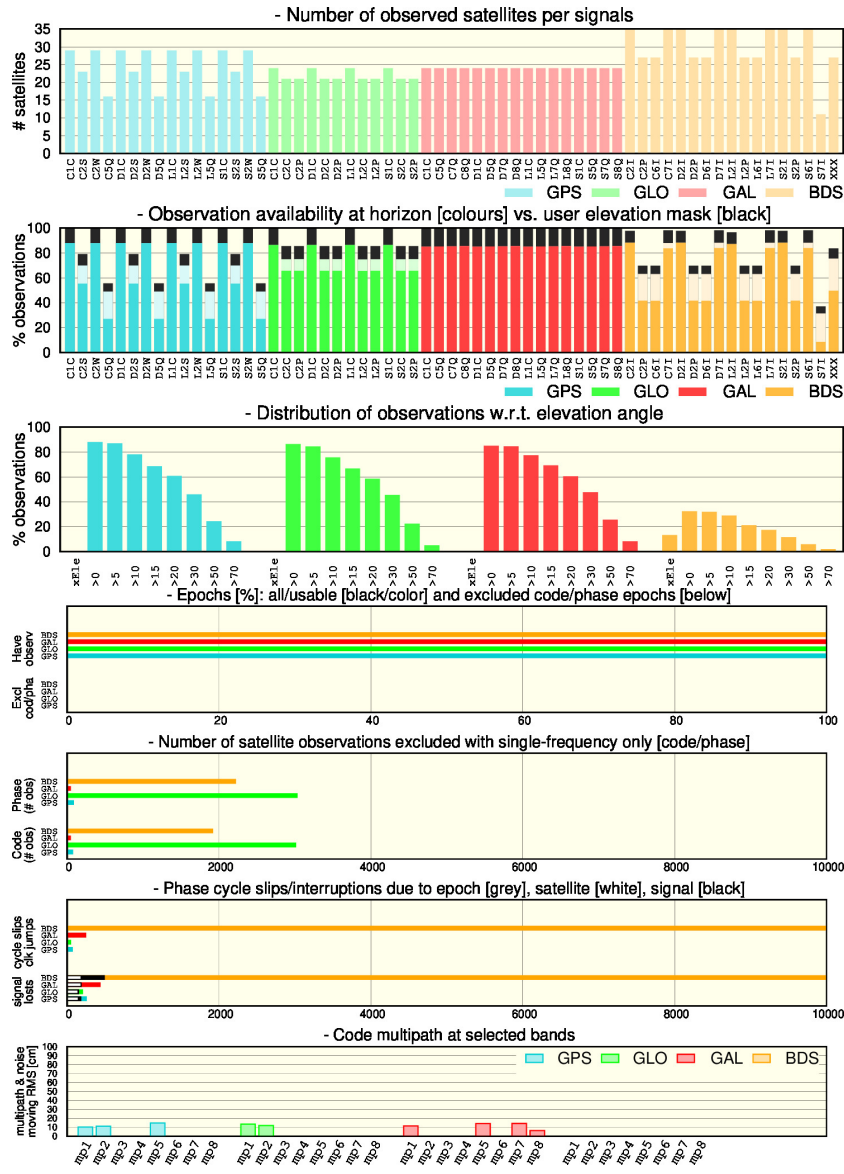# 1 Tracked satellites

- 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

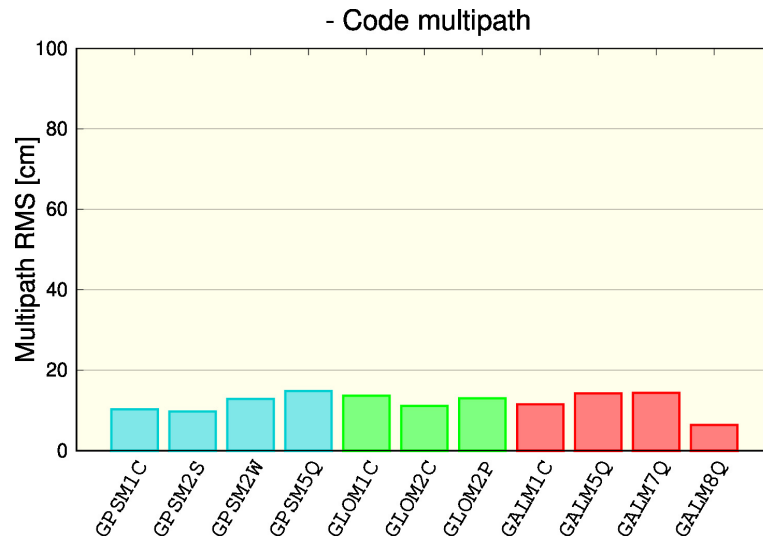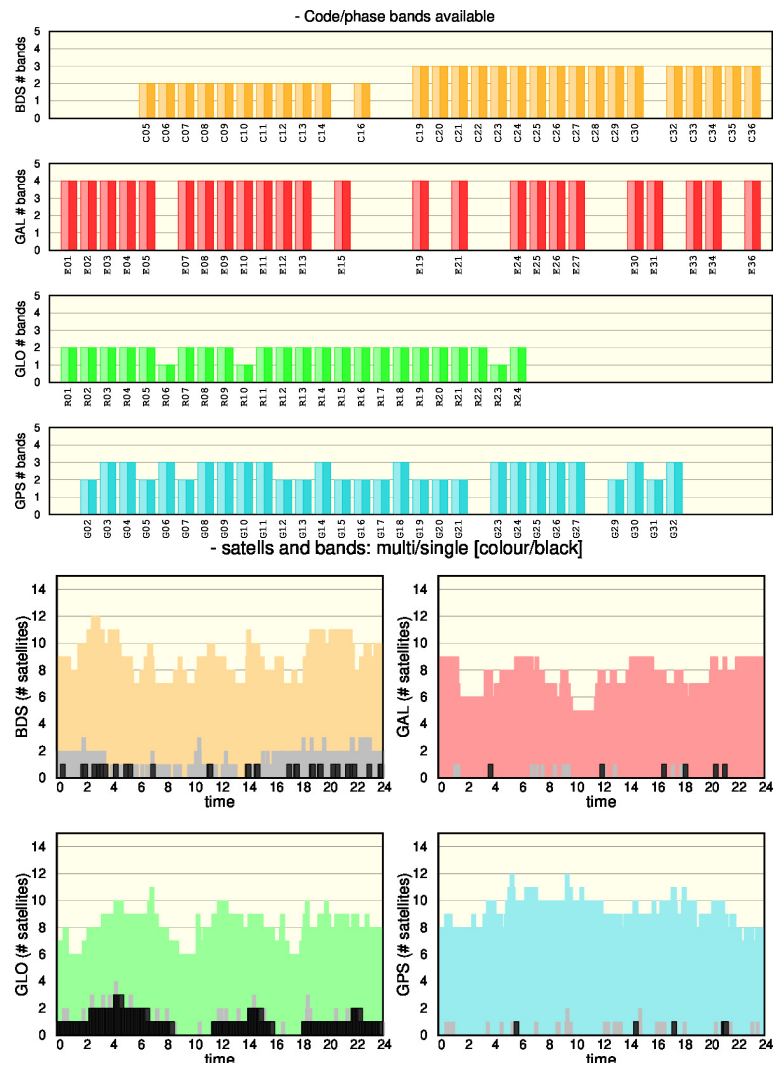# 4   Signal to Noise Ratio (SNR)

- Signal-to-noise ratio

5   Code multipath

6   Tracked signals

7 Plots for each Satellite and System

GPSM5Q - Code multipath moving RMS

GPSM2S - Code multipath moving RMS

GPSM1C - Code multipath moving RMS

GPSM2W - Code multipath moving RMS

GLOM2P - Code multipath moving RMS

GLOM2C - Code multipath moving RMS

GLOM1C - Code multipath moving RMS

GALM1C - Code multipath moving RMS

GALM8Q - Code multipath moving RMS

GALM7Q - Code multipath moving RMS

GALM5Q - Code multipath moving RMS

6