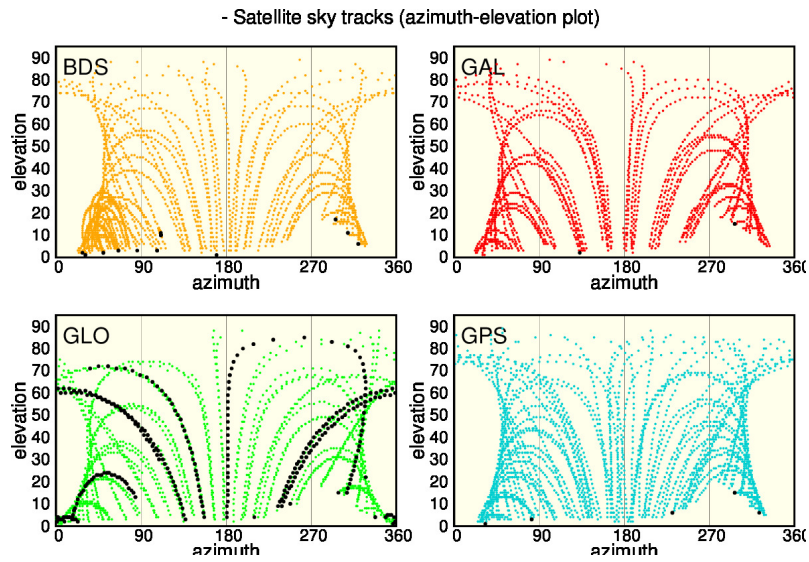# GERN Daily observation Quality Control for 2022/09/28 30s plots
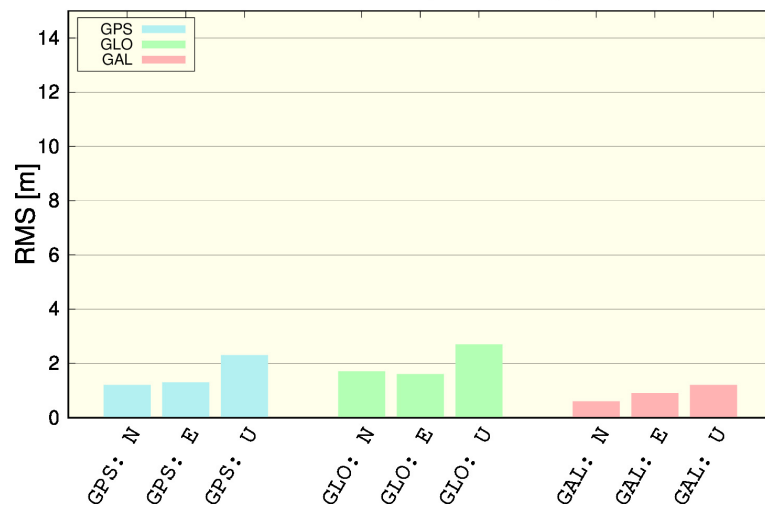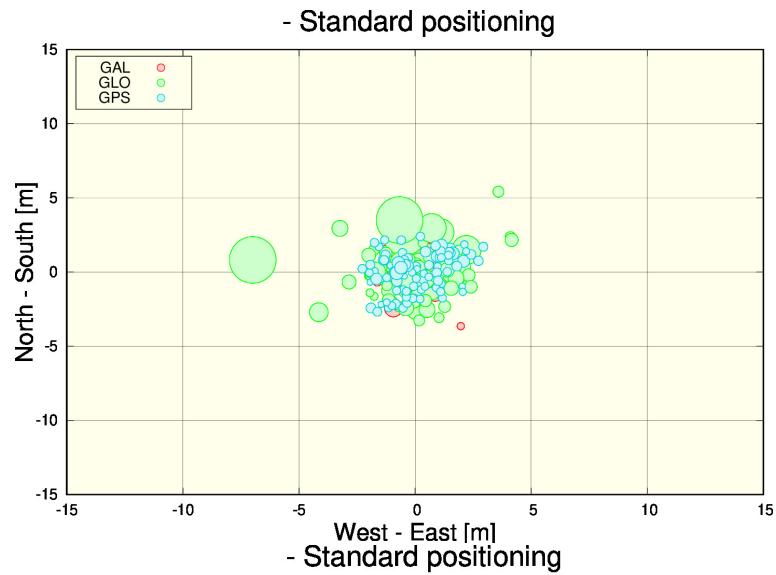
ARANZADI (Department of Applied Geodesy)

Prepared on 2022-09-30 17:13:51

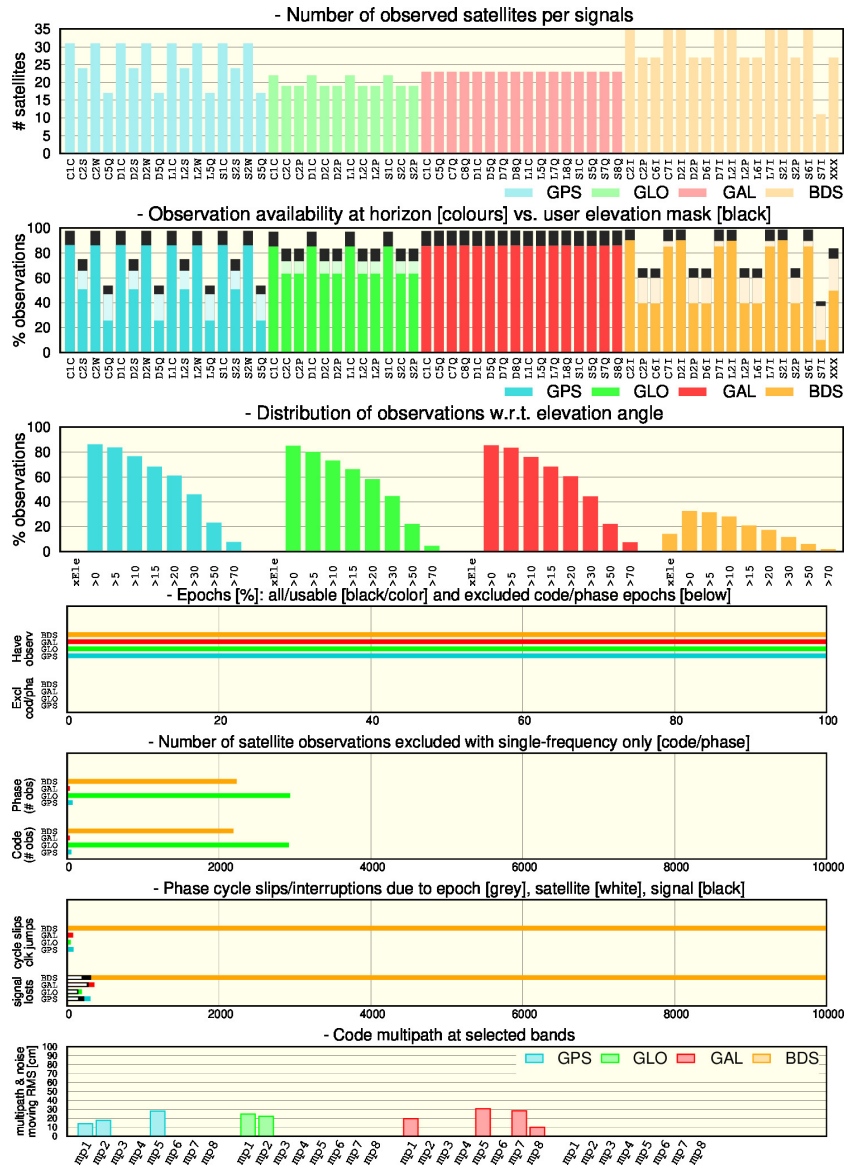# 1   Tracked satellites

- 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)
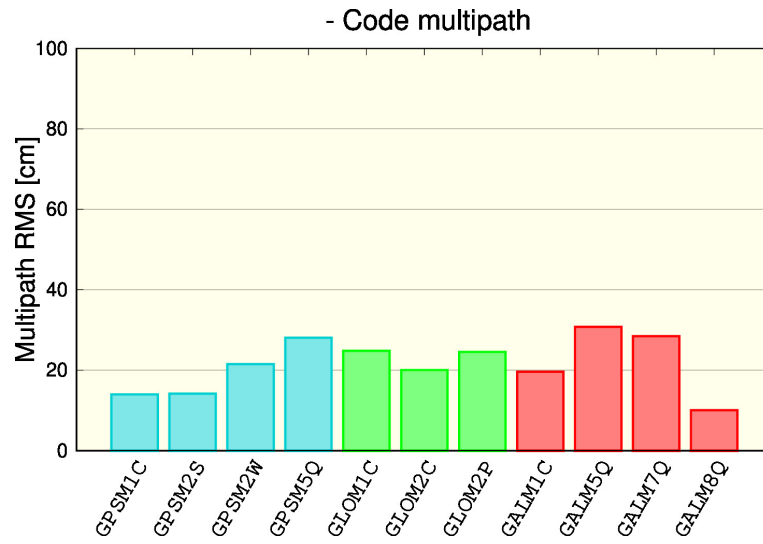

- Signal-to-noise ratio

5   Code multipath

6   Tracked signals
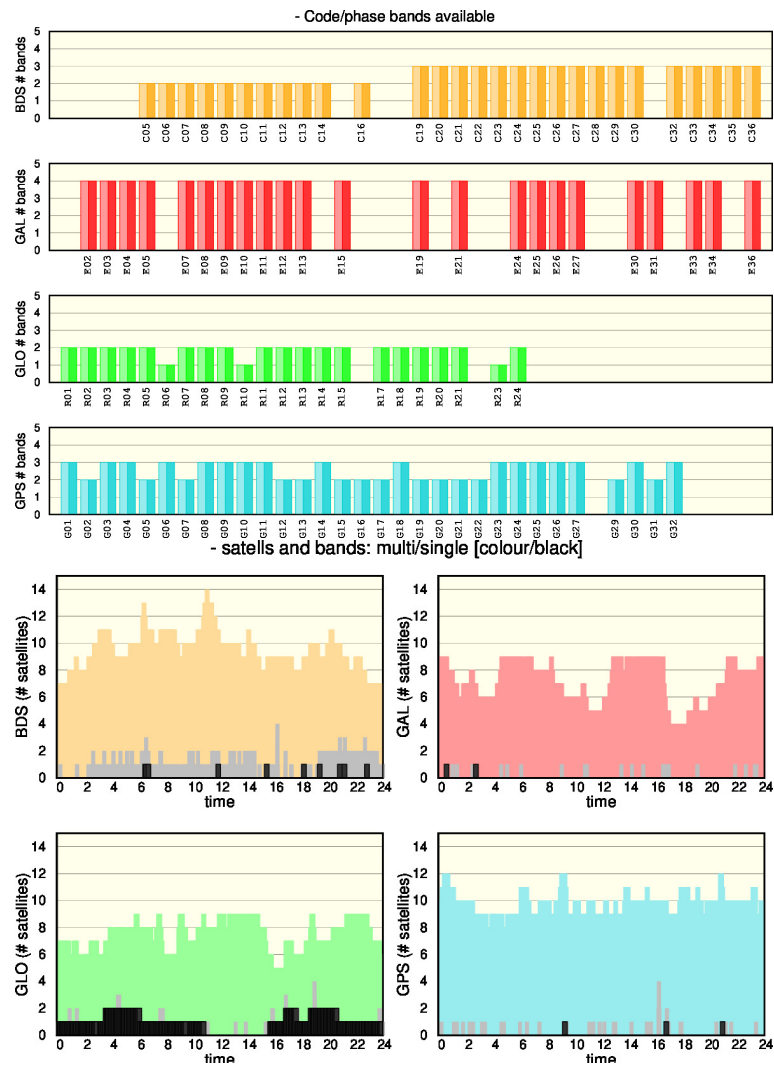
7 Plots for each Satellite and System

- GPSS2S - Signal-to-noise ratio

- GPSS2W - Signal-to-noise ratio

- GPSS1C - Signal-to-noise ratio

- GPSS5Q - Signal-to-noise ratio

- GLOS1C - Signal-to-noise ratio

- GLOS2P - Signal-to-noise ratio

- GLOS2C - Signal-to-noise ratio

- GALS5Q - Signal-to-noise ratio

- GALS1C - Signal-to-noise ratio

- GALS7Q - Signal-to-noise ratio

- GALS8Q - Signal-to-noise ratio

- BDSS2P - Signal-to-noise ratio

- BDSS2I - Signal-to-noise ratio

GPSM5Q - Code multipath moving RMS

GPSM2W - Code multipath moving RMS

GPSM2S - Code multipath moving RMS

GPSM1C - Code multipath moving RMS

GLOM2P - Code multipath moving RMS

GLOM1C - Code multipath moving RMS

GLOM2C - Code multipath moving RMS

GALM7Q - Code multipath moving RMS

GALM5Q - Code multipath moving RMS

GALM1C - Code multipath moving RMS

GALM8Q - Code multipath moving RMS