IGEL Daily observation Quality Control for 2022/07/10 30s plots
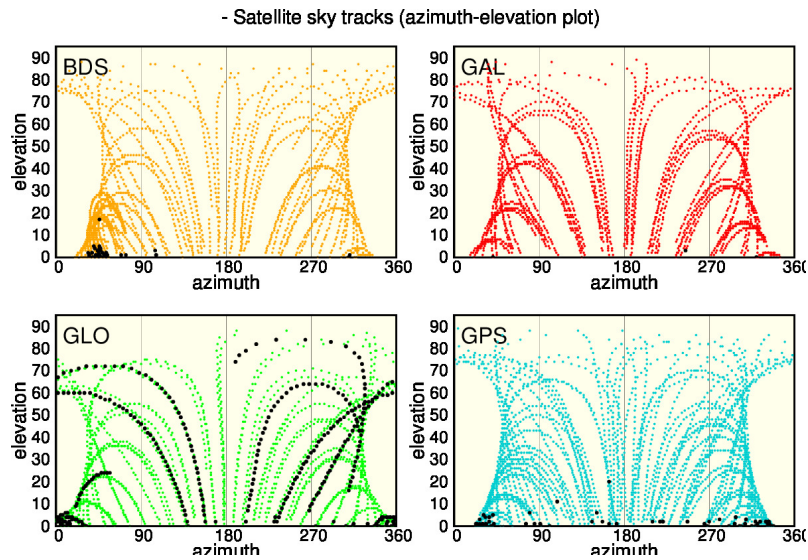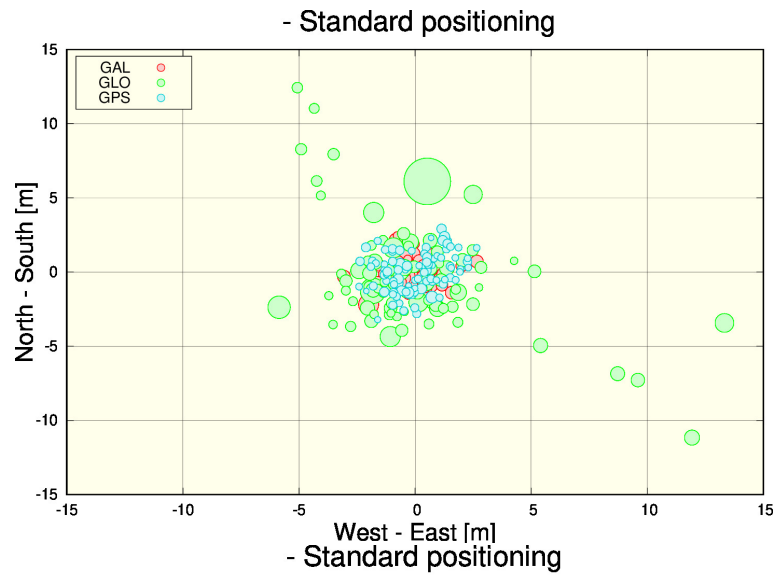
ARANZADI (Department of Applied Geodesy)

1 Tracked satellites

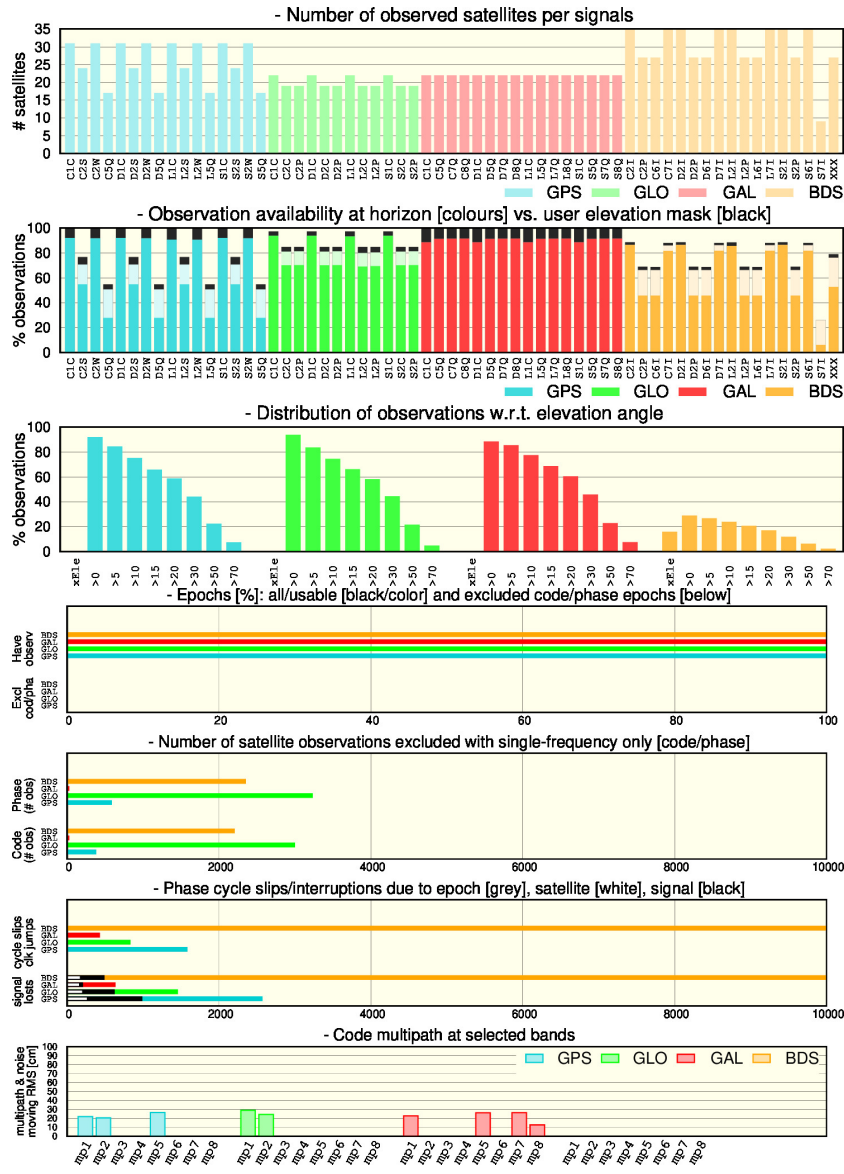- Satellite sky tracks (azimuth-elevation plot)
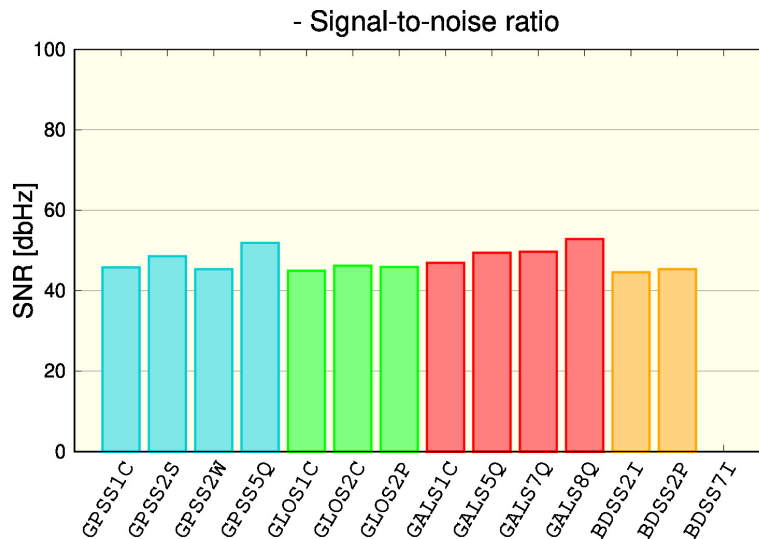
2 Standard Positioning

- 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

- Code multipath

6 Tracked signals

- Code/phase bands available

- satells and bands: multi/single [colour/black]
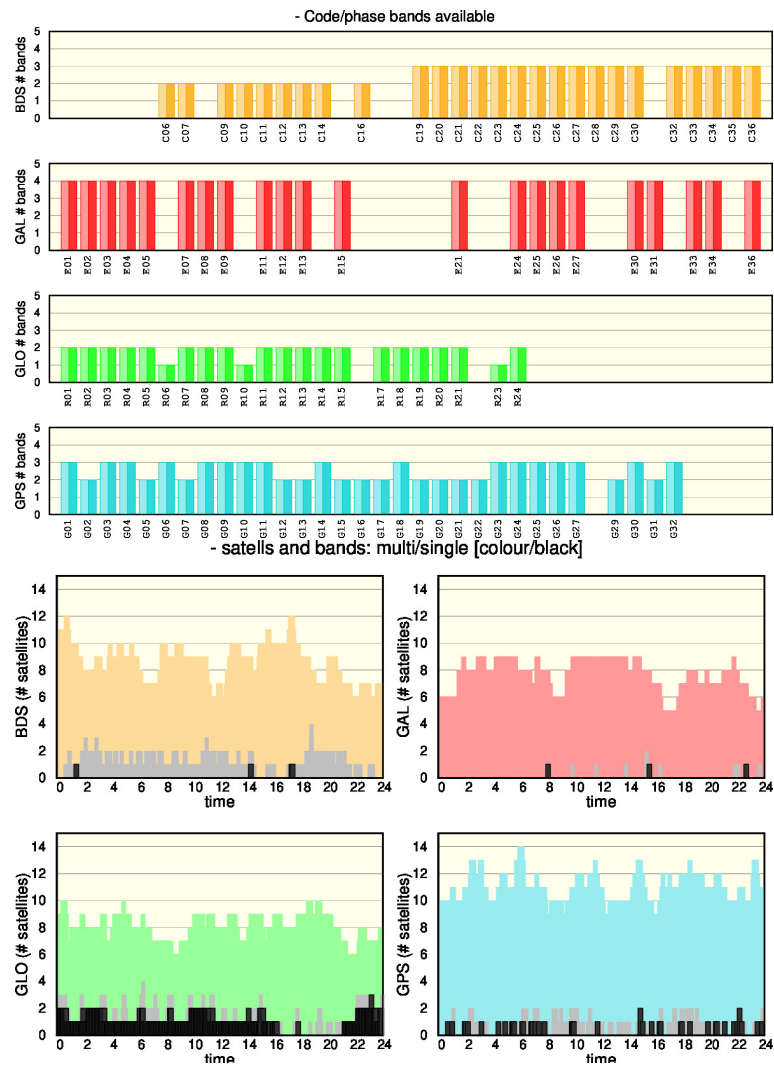
7 Plots for each Satellite and System

- GPSM5Q - Code multipath moving RMS

- GPSM1C - Code multipath moving RMS

- GPSM2S - Code multipath moving RMS

- GPSM2W - Code multipath moving RMS

- GLOM2C - Code multipath moving RMS

- GLOM2P - Code multipath moving RMS

- GLOM1C - Code multipath moving RMS

- GALM8Q - Code multipath moving RMS

- GALM5Q - Code multipath moving RMS

- GALM1C - Code multipath moving RMS

- GALM7Q - Code multipath moving RMS