

GNSS observation file monitoring for UCAG

Last RINEX file: UCAG1970.25D.Z

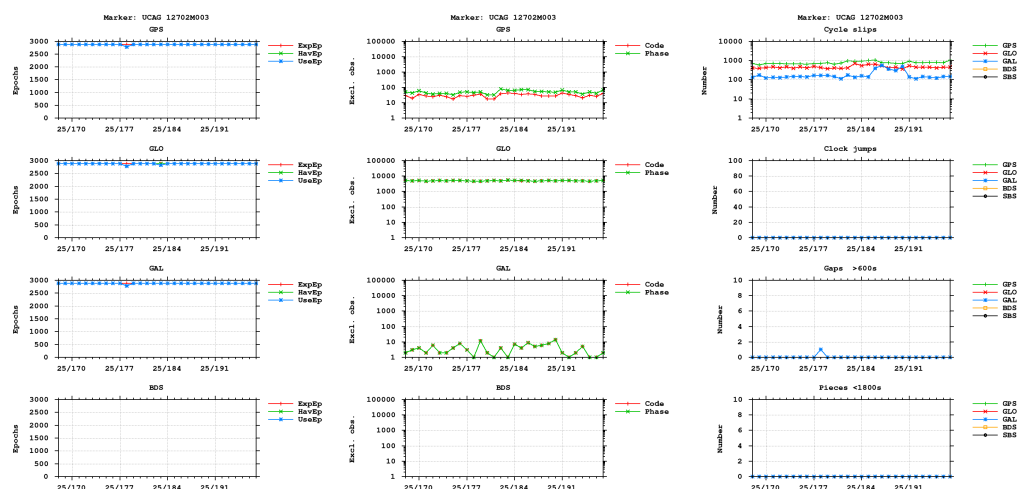
RINEX version: 3.04

Marker: UCAG 12702M003

Receiver: 1701090 LEICA GR10 4.80/6.525

Antenna: 725262 LEIAR25 NONE

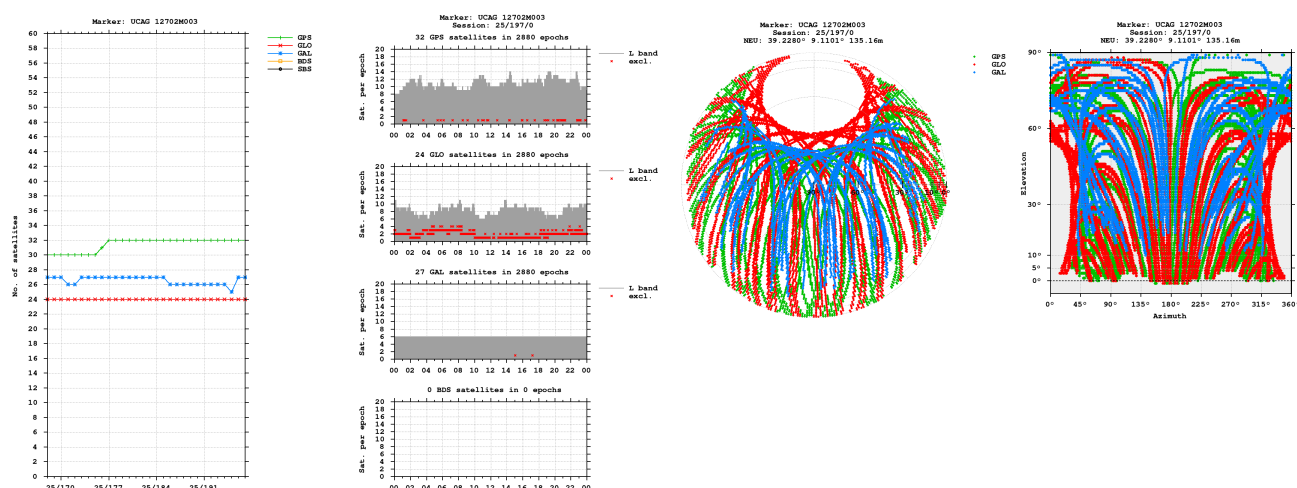
Epochs



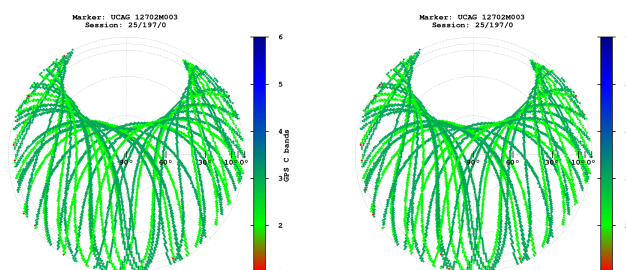
- "UseEp": The usable epoch is introduced if four or more satellites are observed with the minimum of two frequencies.

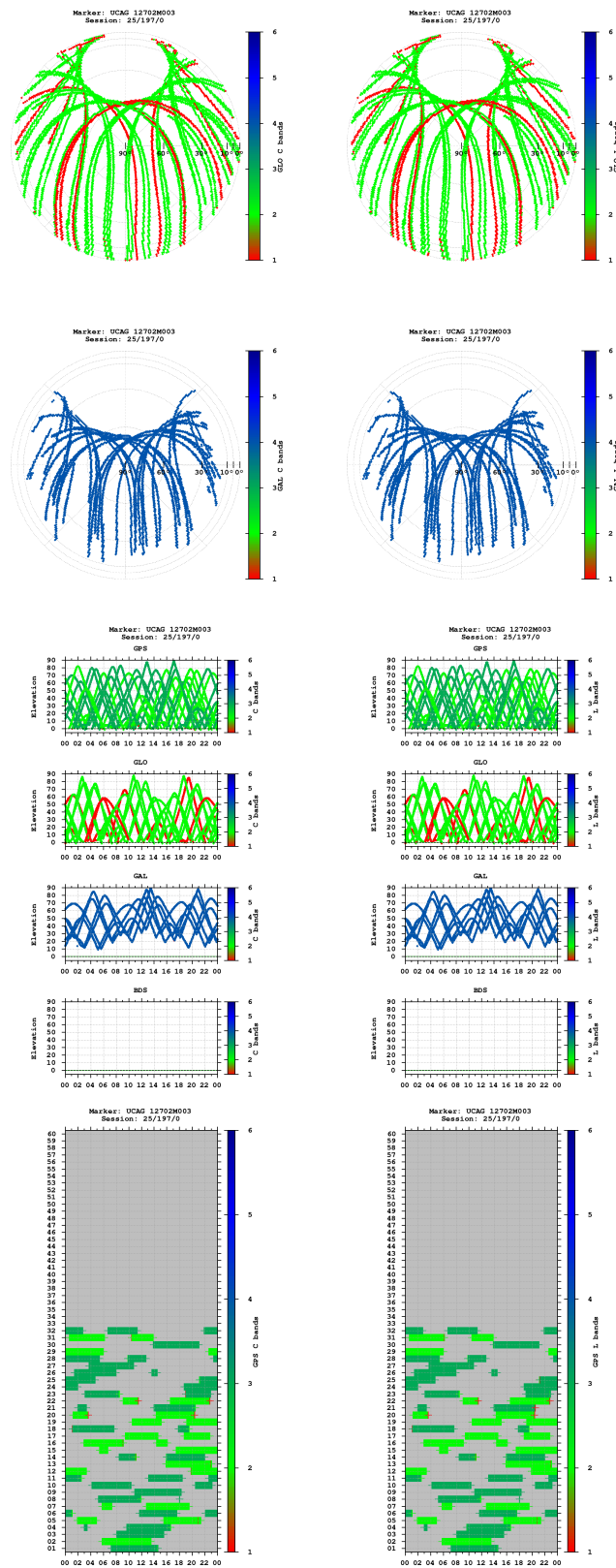
- Cycle slip detection algorithm is based on Melbourne-Wübbena and geometry-free LC.

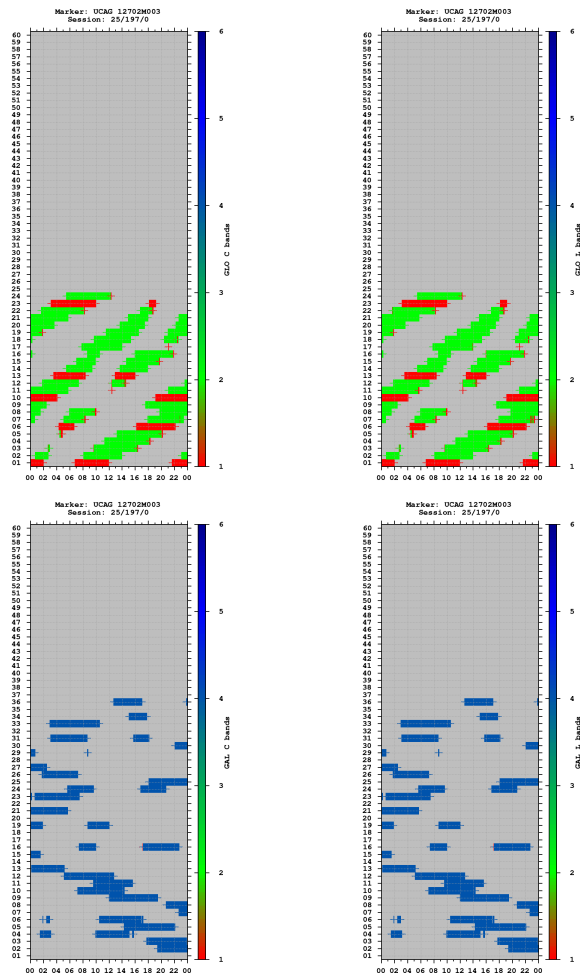
Satellites



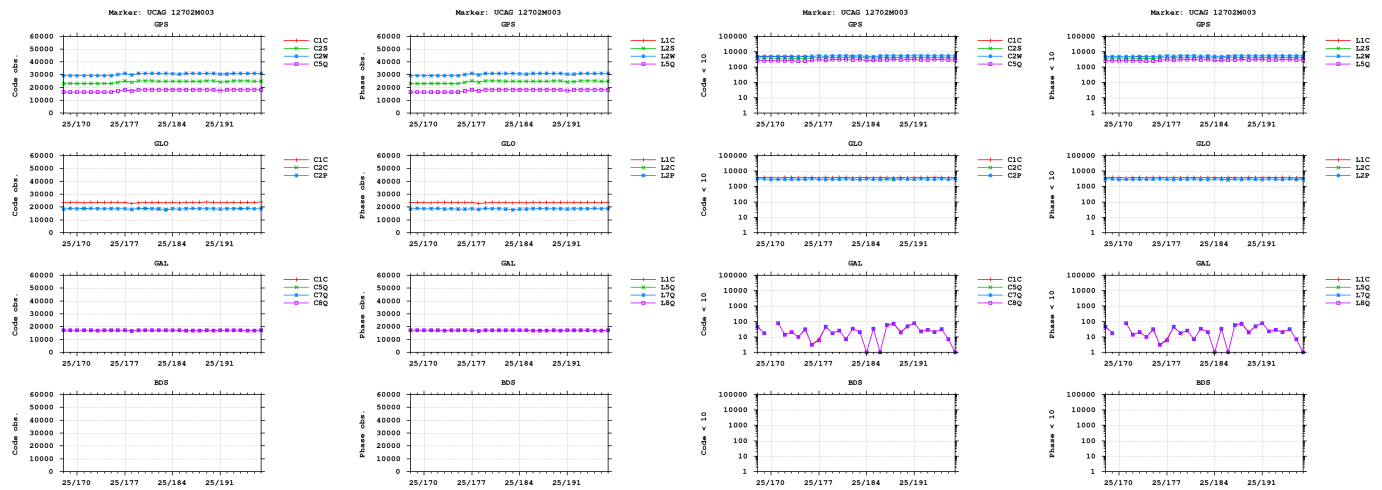
Bands



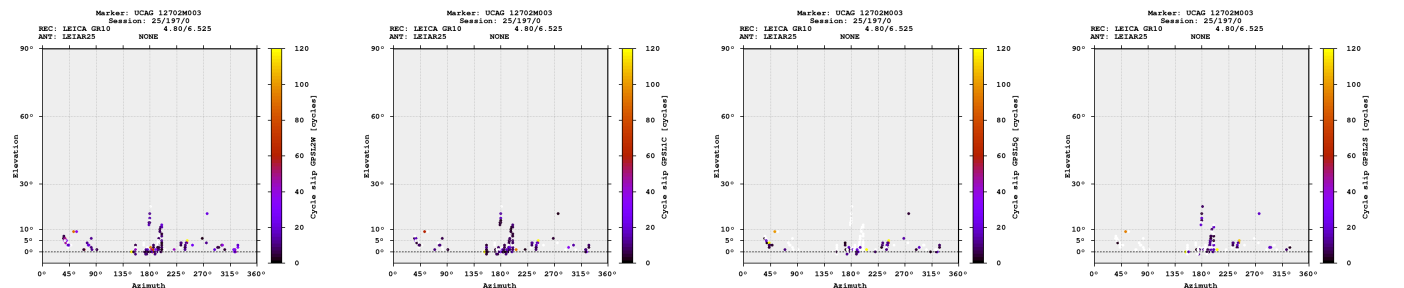


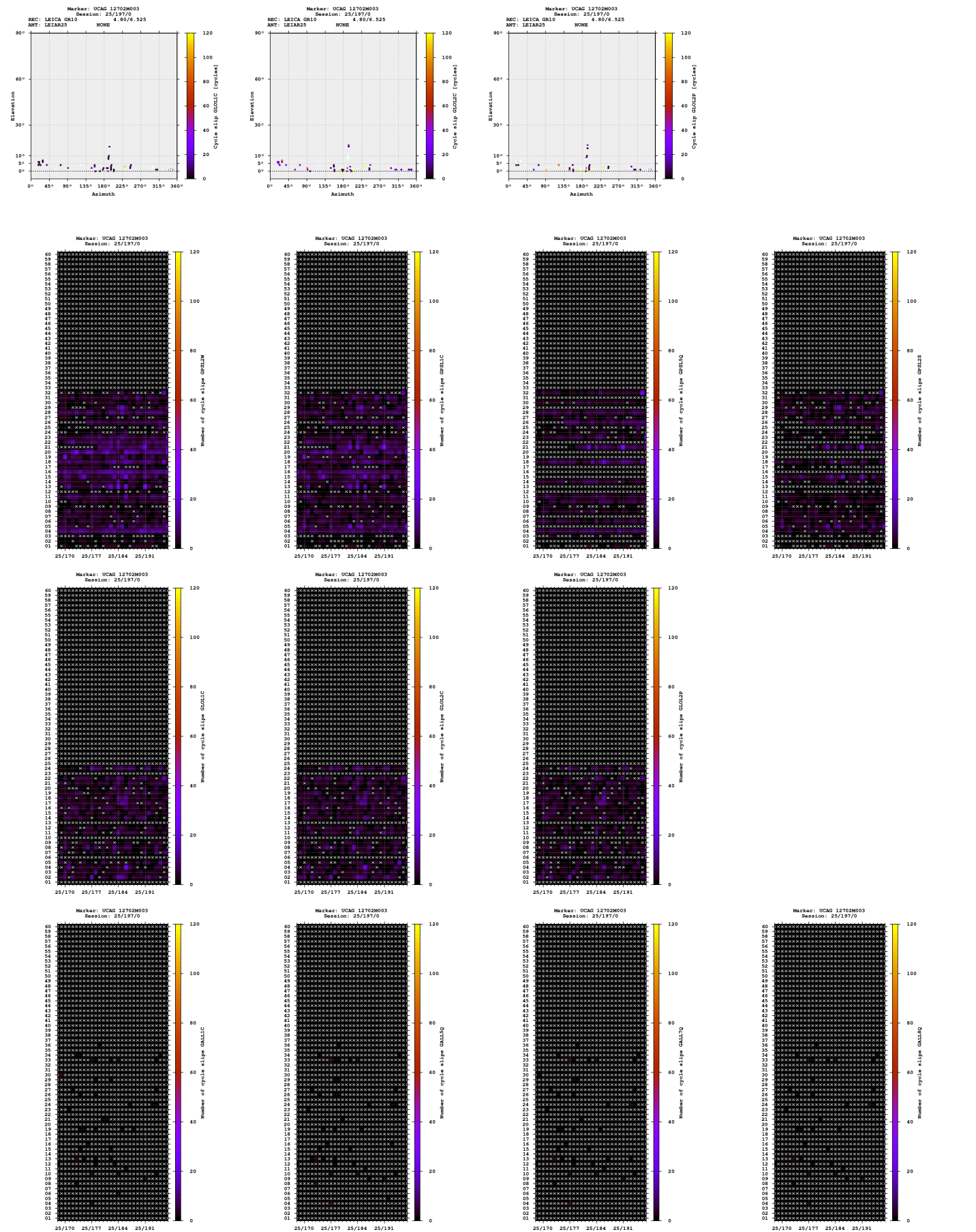


Observations



Cycle slips





Marker: UCAG 12702M003
Session: 25/197/0

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Number of cycle slips G242C

25/170

25/177

25/184

25/191

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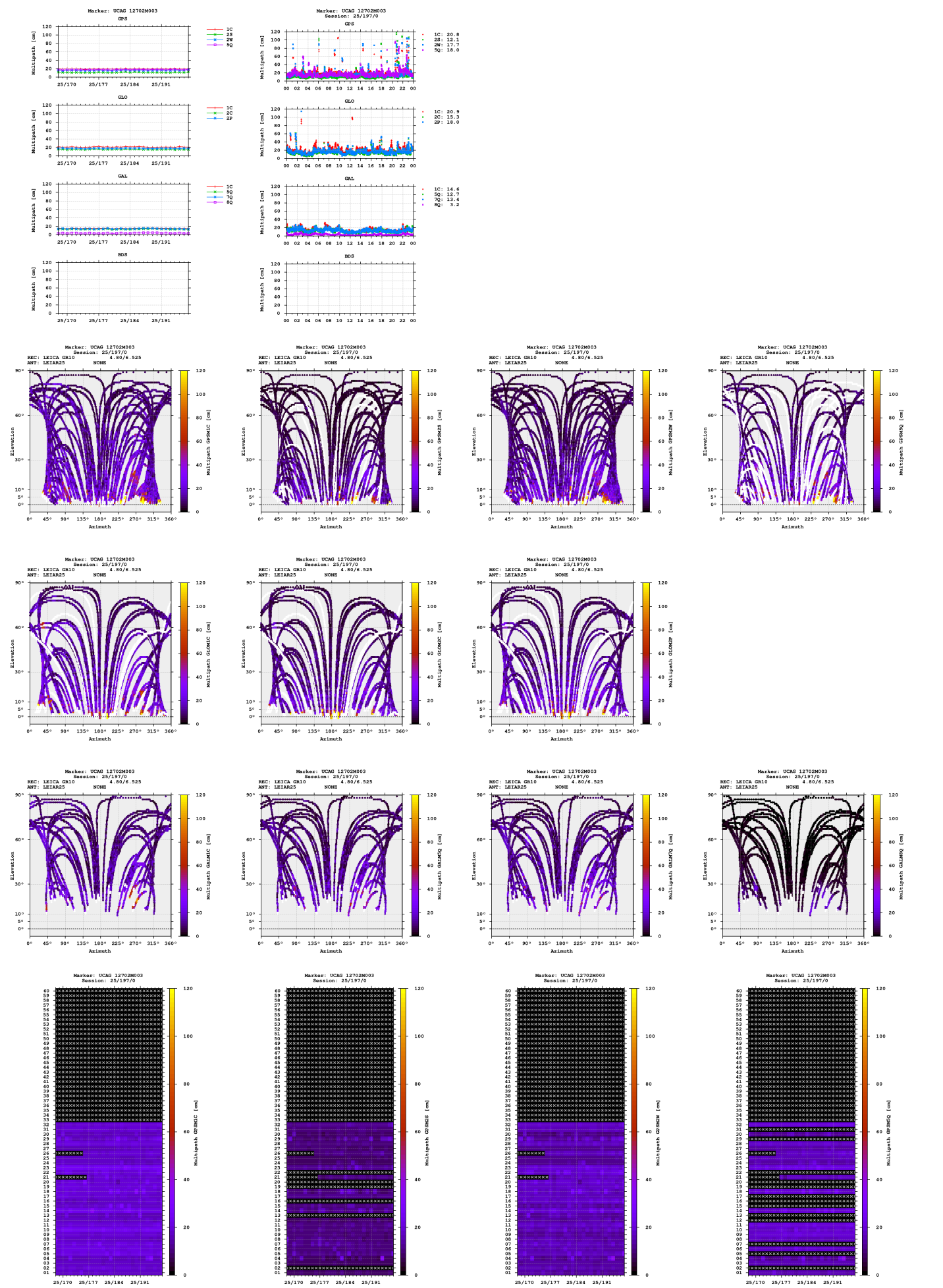
25/170

25/177

25/184

25/191

Multipath



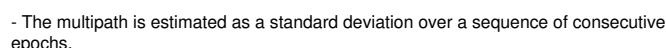
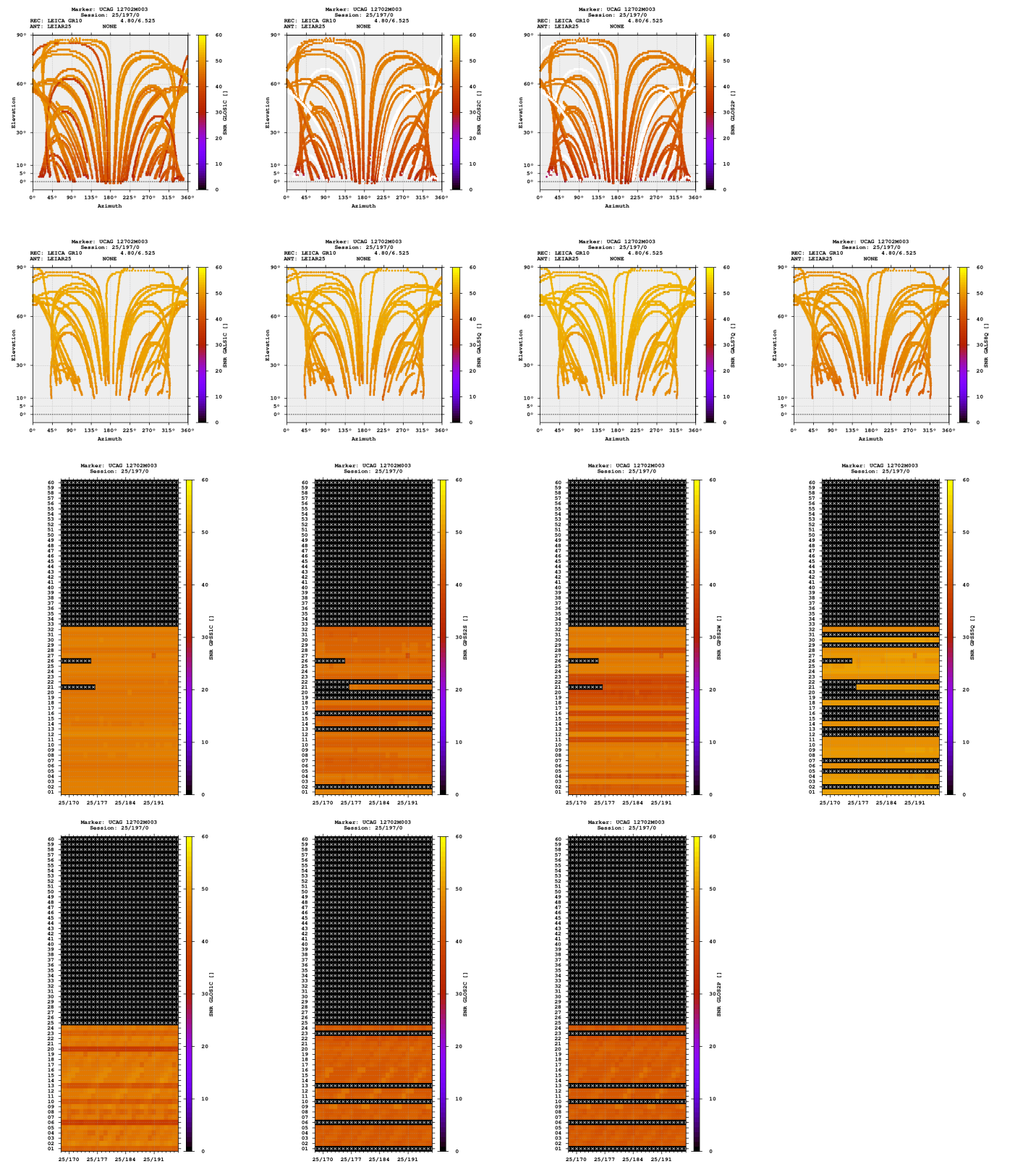
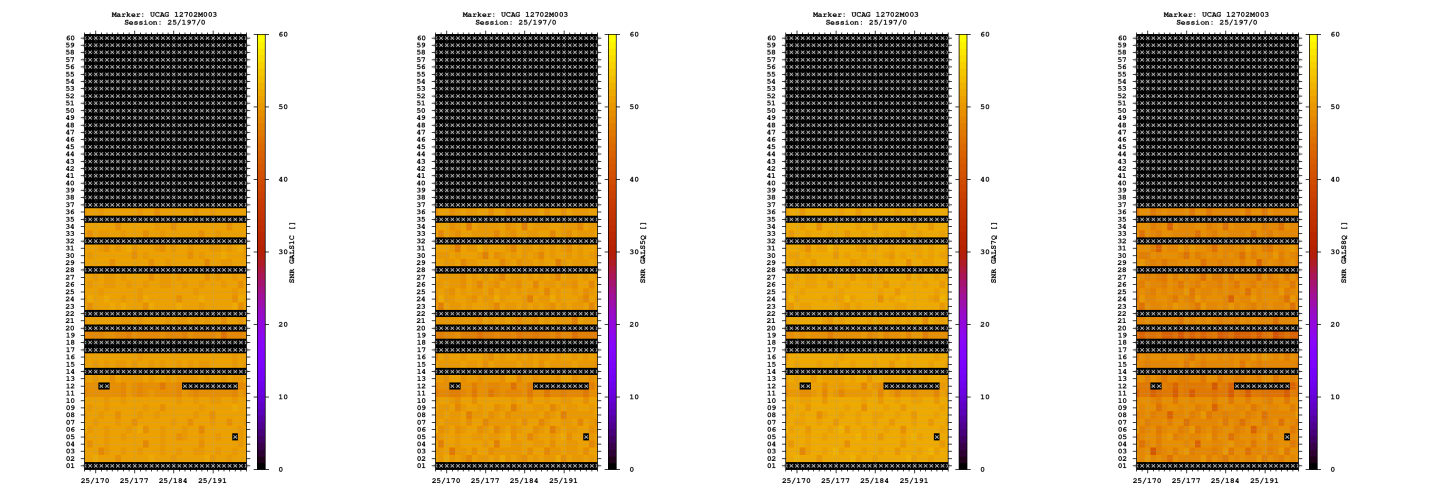


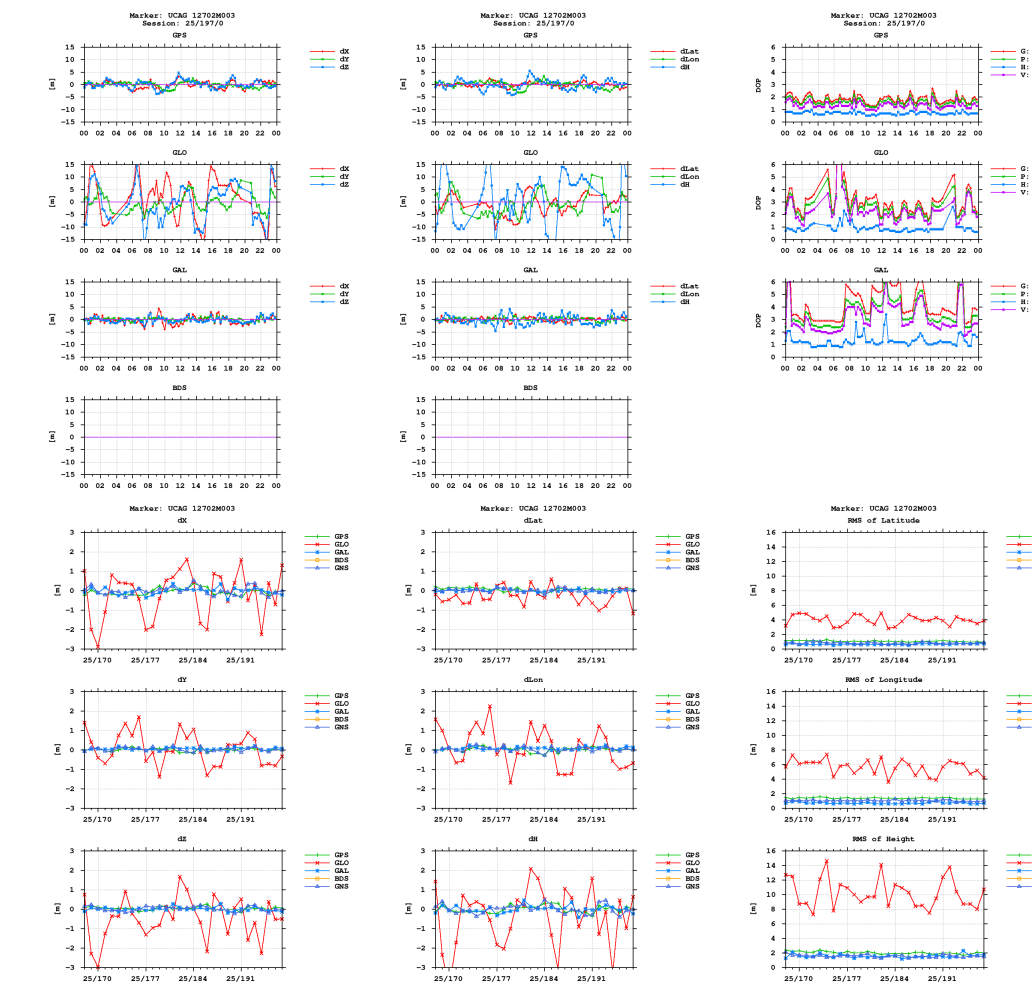
Figure 10 displays the evolution of the SNR of the 10 best SNR peaks for four stations: GFS, GLO, GAL, and BOS. The plots are arranged in a 4x2 grid. The top two rows show the SNR of the 10 best peaks for stations GFS and GLO, respectively, over the session range 25/17/0 to 25/19/1. The bottom two rows show the SNR of the 10 best peaks for stations GLO and GAL, respectively, over the session range 00 to 22. Each plot includes a legend for different SNR thresholds (10, 20, 25, 50) and a color bar for SNR values from 0 to 60. The plots show that the SNR of the best peaks generally decreases as the session progresses, with some peaks showing significant fluctuations.





Estimates

2025-07-16 00:00:00 GPS 4885052.8673 783345.5590 4012044.8227 39.228034248 9.110141351 135.1376
2025-07-16 00:00:00 GLO 4885054.2297 783345.3004 4012044.2640 39.228022921 9.110135897 135.7947
2025-07-16 00:00:00 GAL 4885052.7194 783345.6959 4012044.6352 39.228033648 9.110143188 134.9227



Equipment

2025-06-17 00:00:00 LEICA GR10 4.80/6.525 1701090 LEICA GR10

Program info

G-Nut/Anubis Free [3.10] Mar 19 2025 09:09:21 (Rev: 4538)