



## CSRS-PPP 3.50.3 (2022-03-04)



**04712831\_283x.09o**  
**04712831**

<b>Data Start</b>	<b>Data End</b>	<b>Duration of Observations</b>
2009-10-10 23:10:00.00	2009-10-10 23:59:30.00	0:49:30
<b>Processing Time</b>		<b>Product Type</b>
13:48:06 UTC 2022/11/21		IGS Final
<b>Observations</b>	<b>Frequency</b>	<b>Mode</b>
Phase and Code	Double	Static
<b>Elevation Cut-Off</b>	<b>Rejected Epochs</b>	<b>Fixed Ambiguities</b>
7.5 degrees	0.00 %	0.00 %
<b>Antenna Model</b>	<b>APC to ARP</b>	<b>ARP to Marker</b>
TRM39105.00 NONE	L1 = 0.052 m L2 = 0.059 m	H:0.000m / E:0.000m / N:0.000m

(APC = antenna phase center; ARP = antenna reference point)

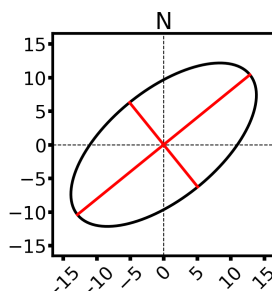
### Estimated Position for 04712831\_283x.09o

	<b>Latitude (+n)</b>	<b>Longitude (+e)</b>	<b>Ell. Height</b>
<b>ITRF05 (2009.8)</b>	69° 29' 43.19846"	-49° 42' 5.71591"	952.920 m
<b>Sigmas(95%)</b>	0.097 m	0.111 m	0.171 m
<b>A priori*</b>	69° 29' 43.18760"	-49° 42' 5.72405"	950.471 m
<b>Estimated – A priori</b>	0.337 m	0.088 m	2.449 m

**Orthometric Height**  
**CGVD2013**  
**(CGG2013a)**  
**(2009.8)**

923.591 m  
(click for height reference information)

**95% Error Ellipse (cm)**  
semi-major: 16.6 cm  
semi-minor: 8.1 cm  
semi-major azimuth: 51° 0' 55.68"

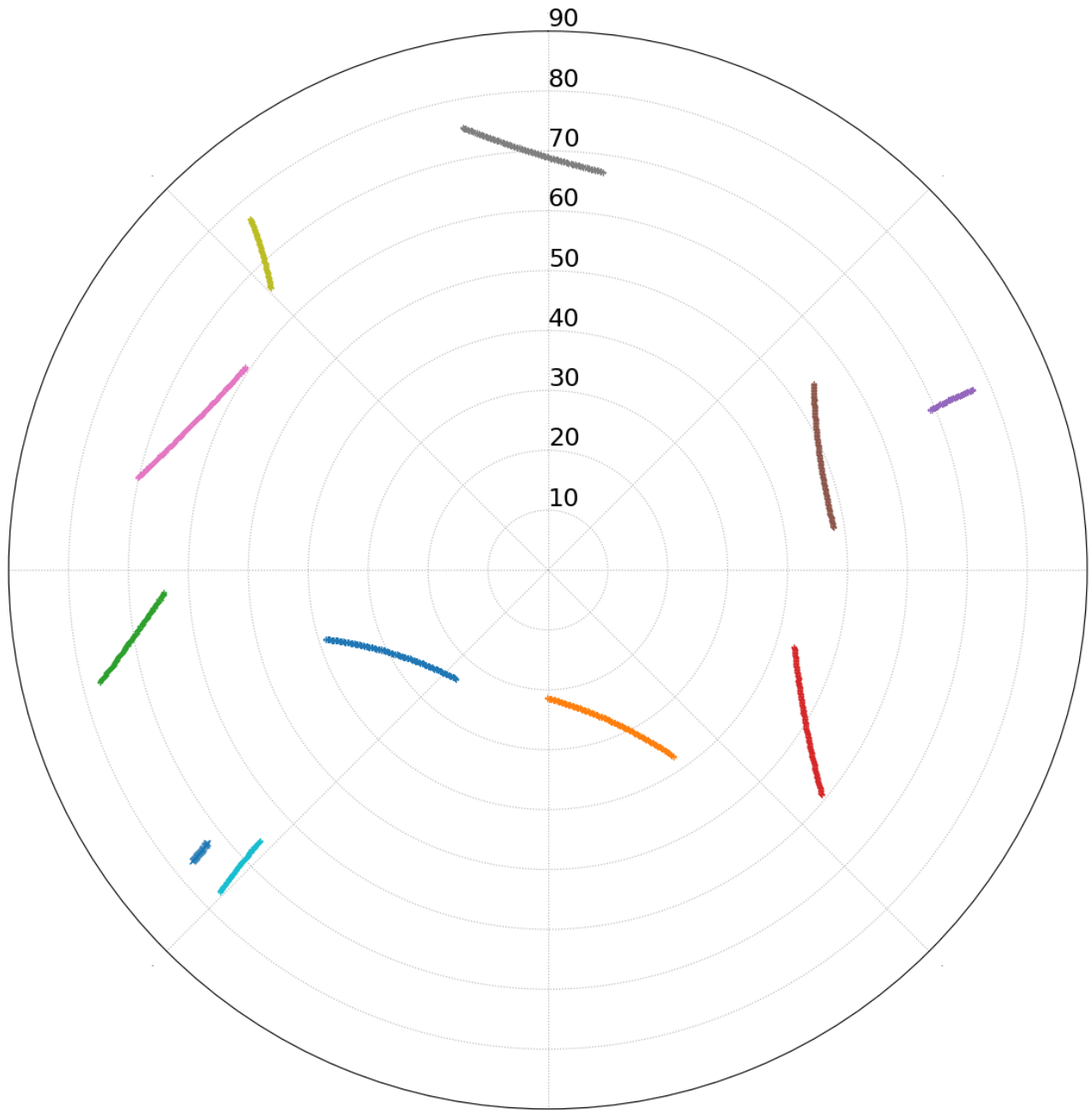


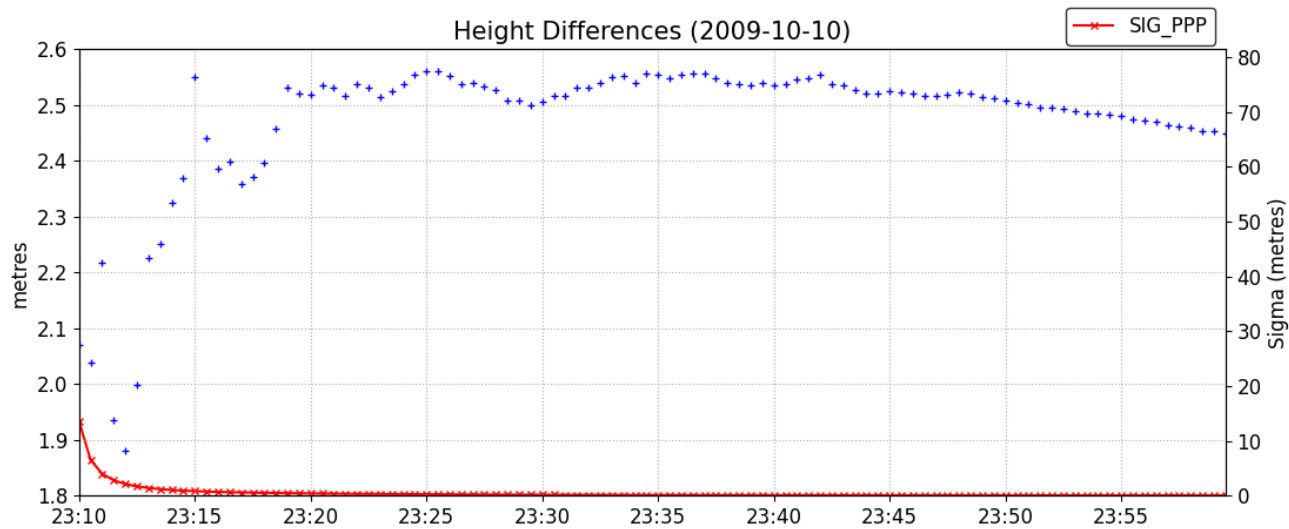
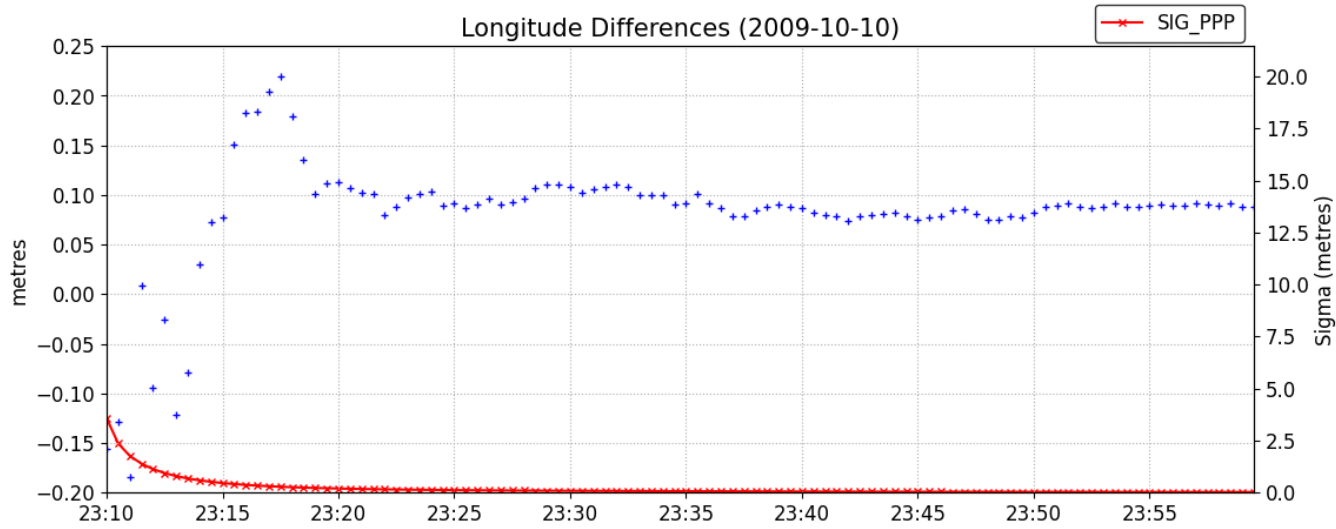
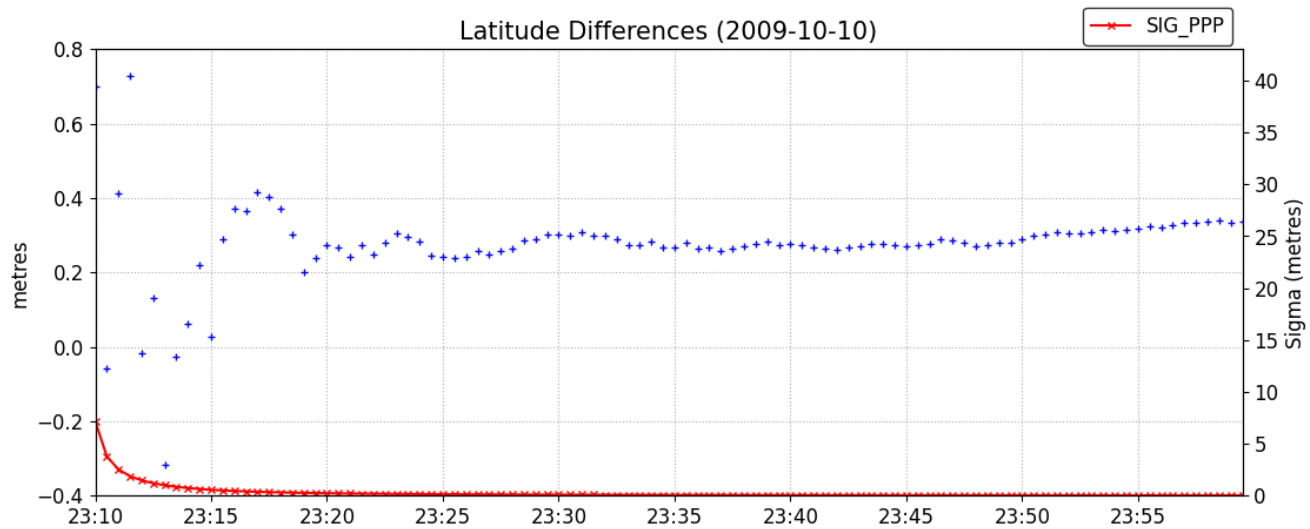
**UTM (North)**  
**Zone 22**

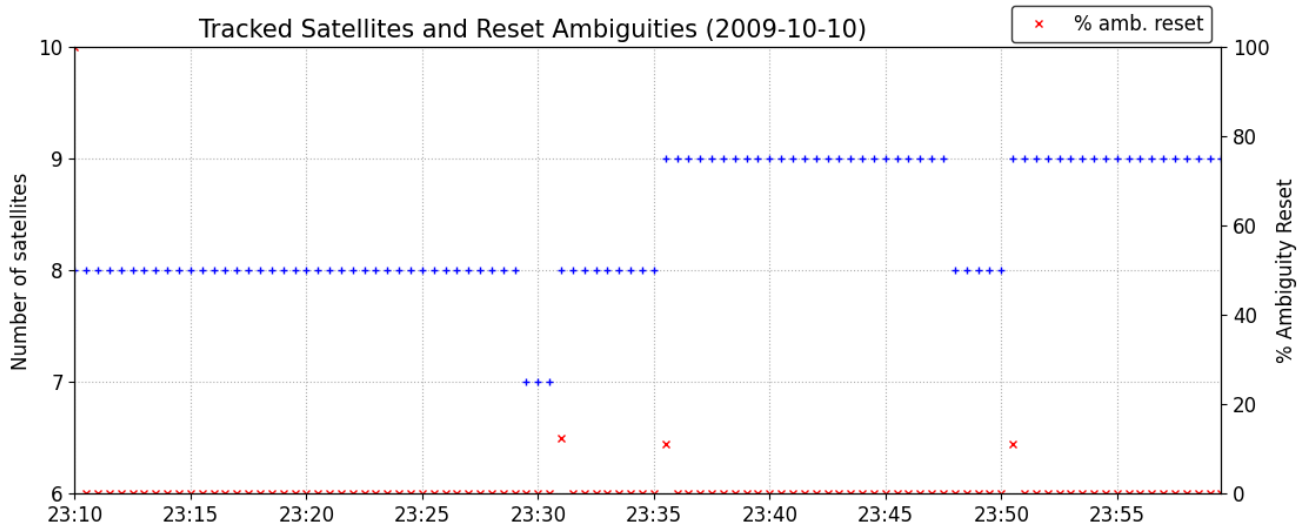
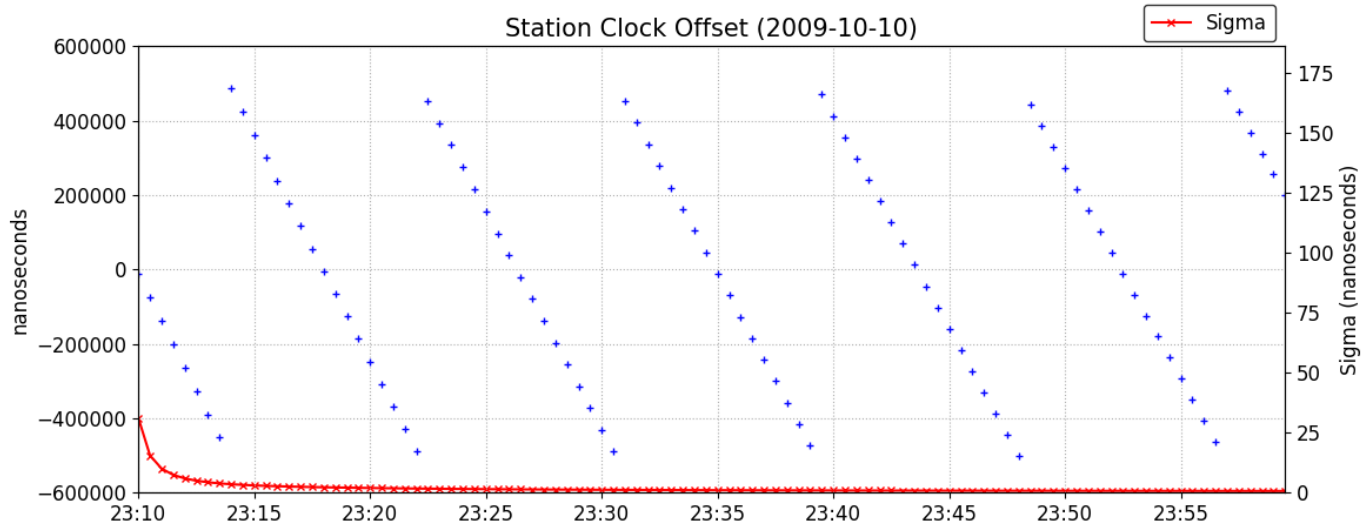
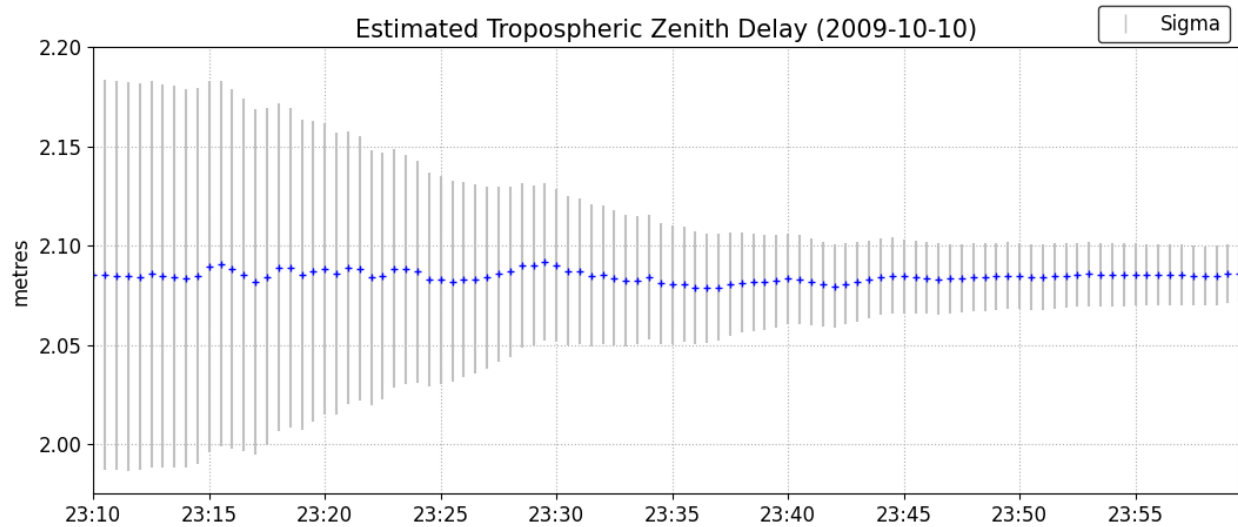
7710134.283 m (N)  
550755.251 m (E)  
Scale Factors  
0.99963152 (point)  
0.99948257 (combined)

\*(Coordinates from RINEX header used as a priori position)

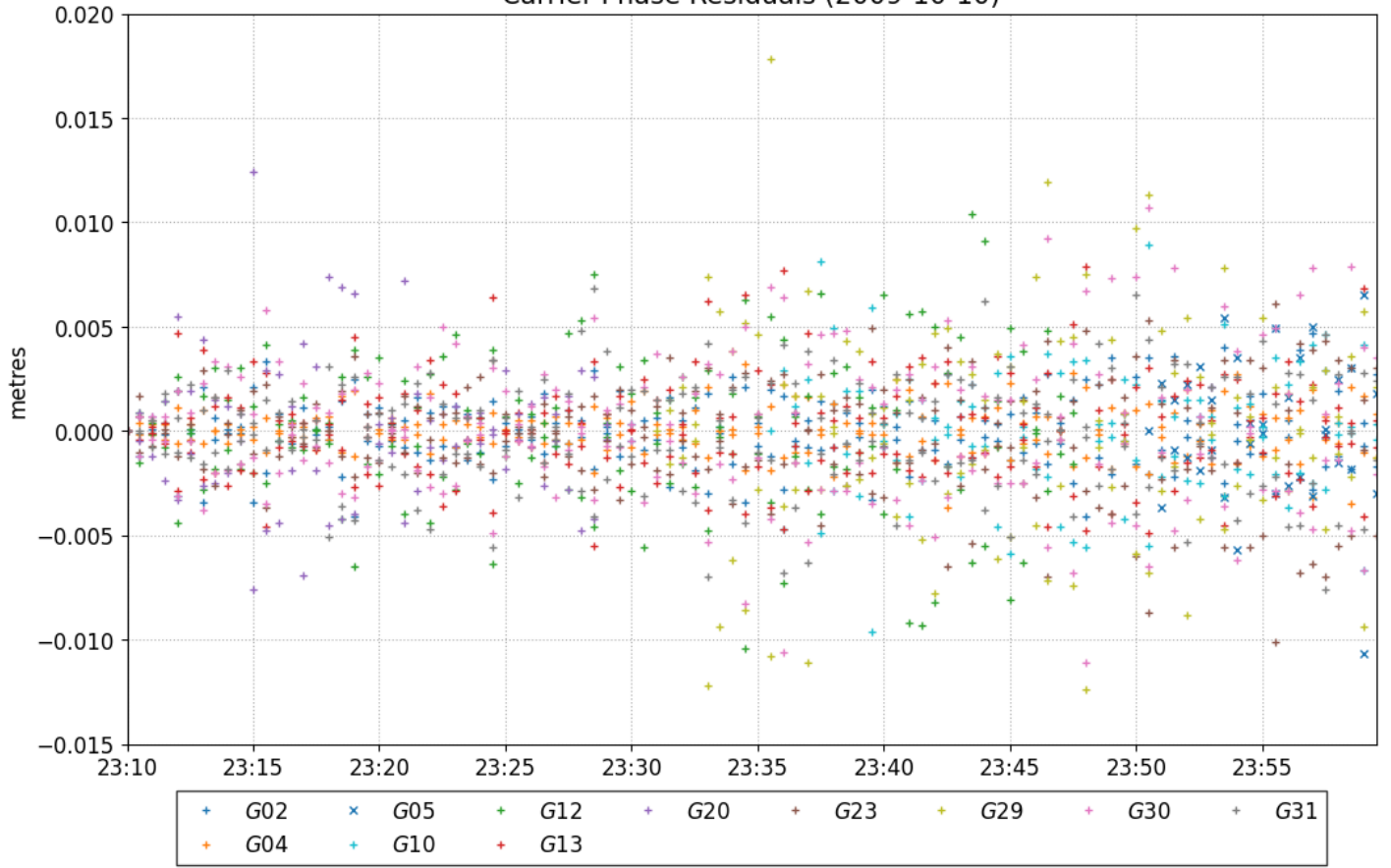
# Satellite Sky Distribution



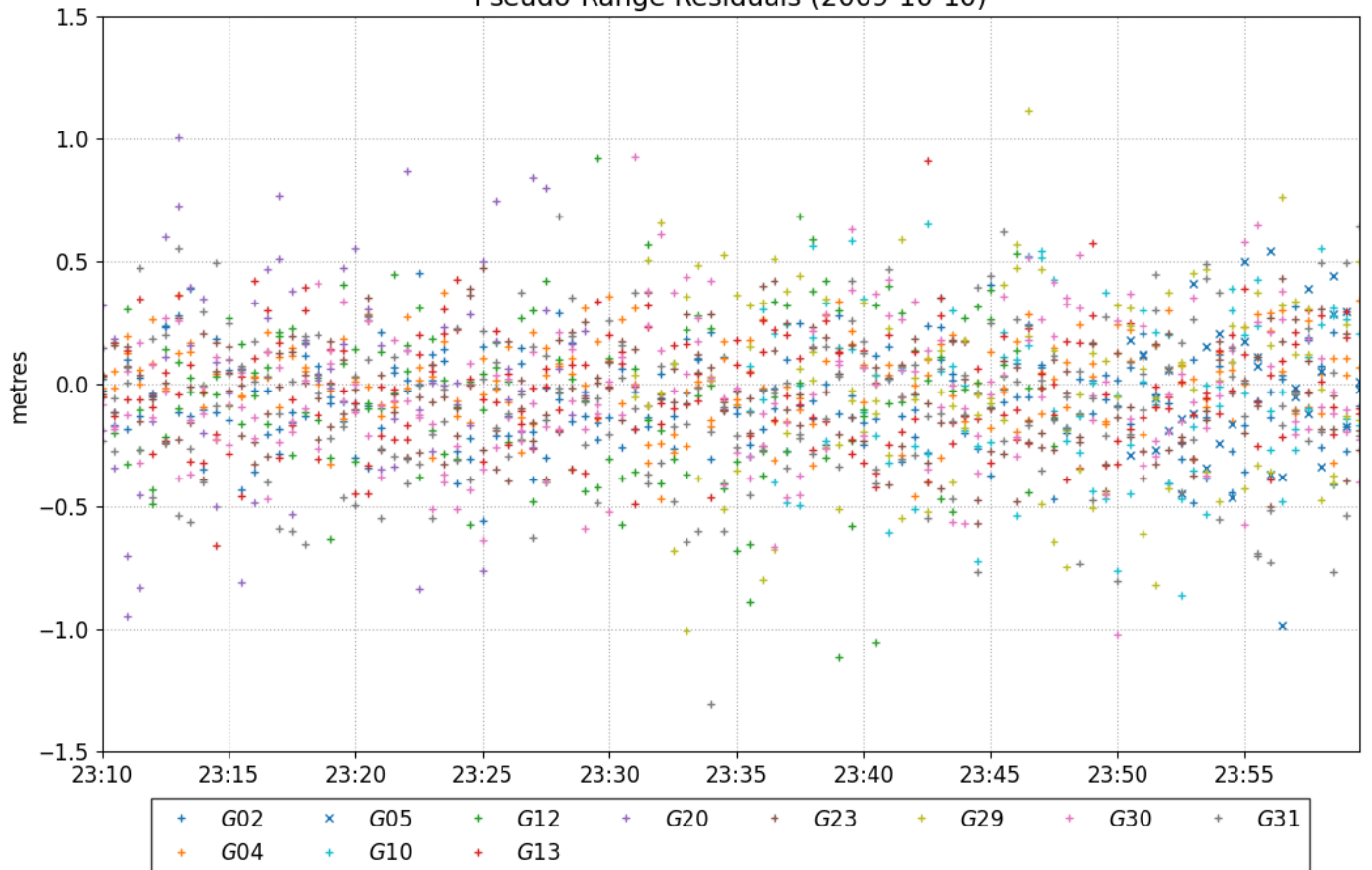




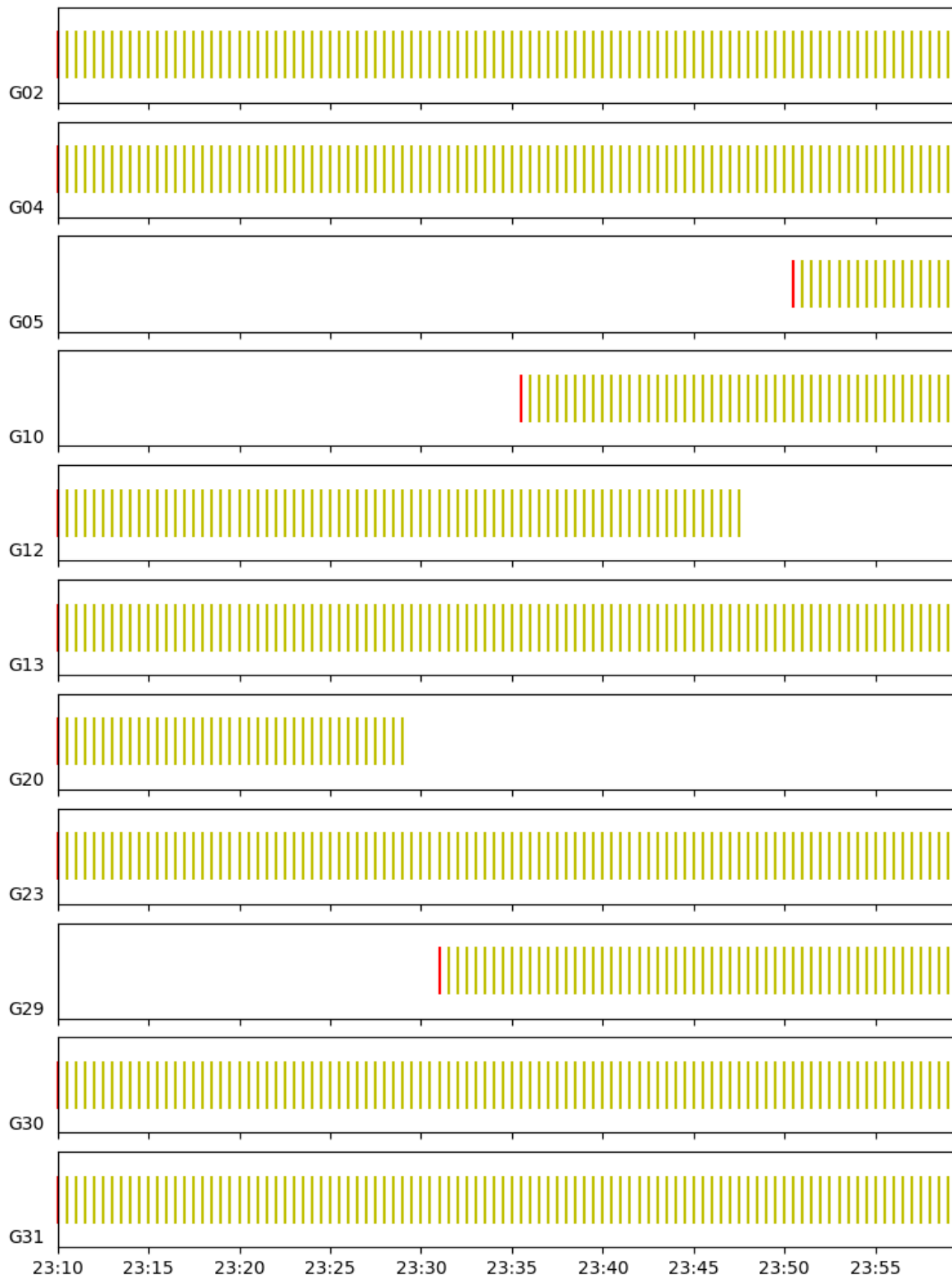
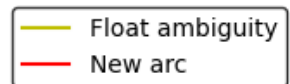
Carrier-Phase Residuals (2009-10-10)



Pseudo-Range Residuals (2009-10-10)



# Phase Ambiguity Status (2009-10-10)



**~~~ Disclaimer ~~~**

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