



## CSRS-PPP 3.54.2 (2022-11-10)



**TSTK\_20230220-022417.23O**  
**Z31136668026451**

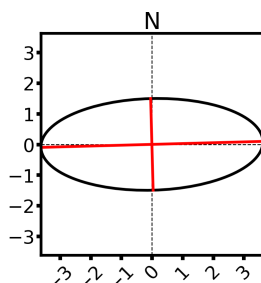
<b>Data Start</b>	<b>Data End</b>	<b>Duration of Observations</b>
2023-02-20 02:24:30.00	2023-02-23 02:28:30.00	3 days, 0:04:00
<b>Processing Time</b>		<b>Product Type</b>
03:28:28 UTC 2024/04/29		NRCan/IGS Final
<b>Observations</b>	<b>Frequency</b>	<b>Mode</b>
Phase and Code	Double	Static
<b>Elevation Cut-Off</b>	<b>Rejected Epochs</b>	<b>Fixed Ambiguities</b>
7.5 degrees	0.00 %	0.00 %
		<b>Estimation Steps</b>
		30.00 sec
<b>Antenna Model</b>	<b>APC to ARP</b>	<b>ARP to Marker</b>
HXCCGX611A HXCM	Unknown	H:1.123m / E:0.000m / N:0.000m

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

### Estimated Position for TSTK\_20230220-022417.23O

	<b>Latitude (+n)</b>	<b>Longitude (+e)</b>	<b>Ell. Height</b>
<b>ITRF20 (2023.1)</b>	17° 13' 47.54847"	98° 13' 34.76421"	109.751 m
<b>Sigmas(95%)</b>	0.001 m	0.003 m	0.006 m
<b>A priori*</b>	17° 13' 47.62755"	98° 13' 34.73065"	109.304 m
<b>Estimated – A priori</b>	-2.431 m	0.991 m	0.447 m

**95% Error Ellipse (mm)**  
 semi-major: 4 mm  
 semi-minor: 1 mm  
 semi-major azimuth: 88° 27' 3.68"

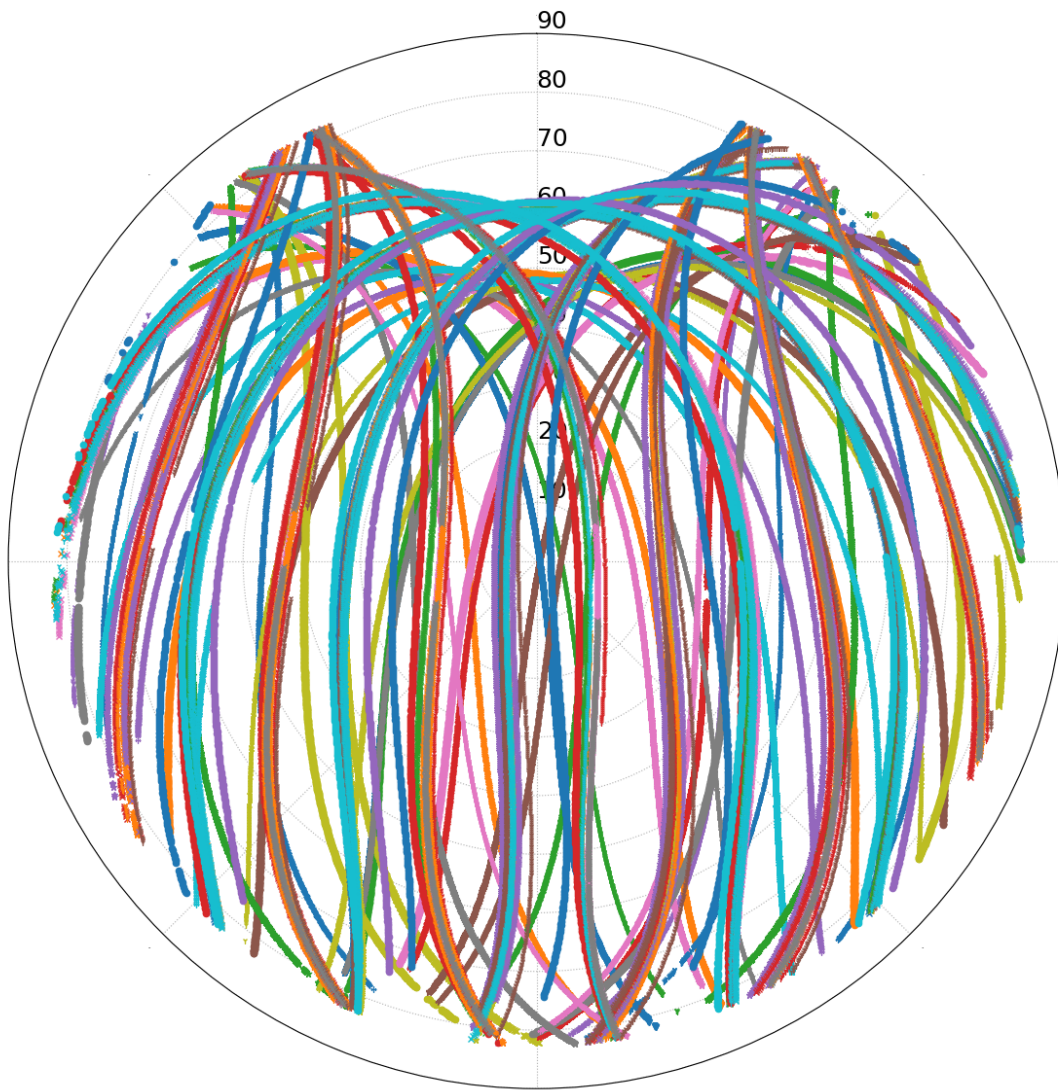


**UTM (North)**  
**Zone 47**

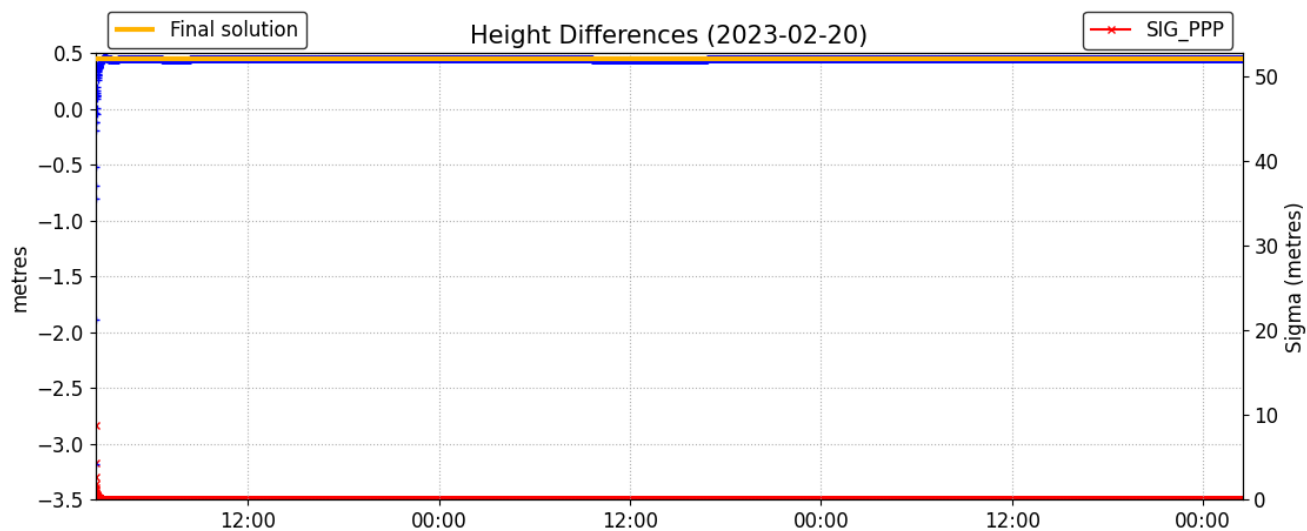
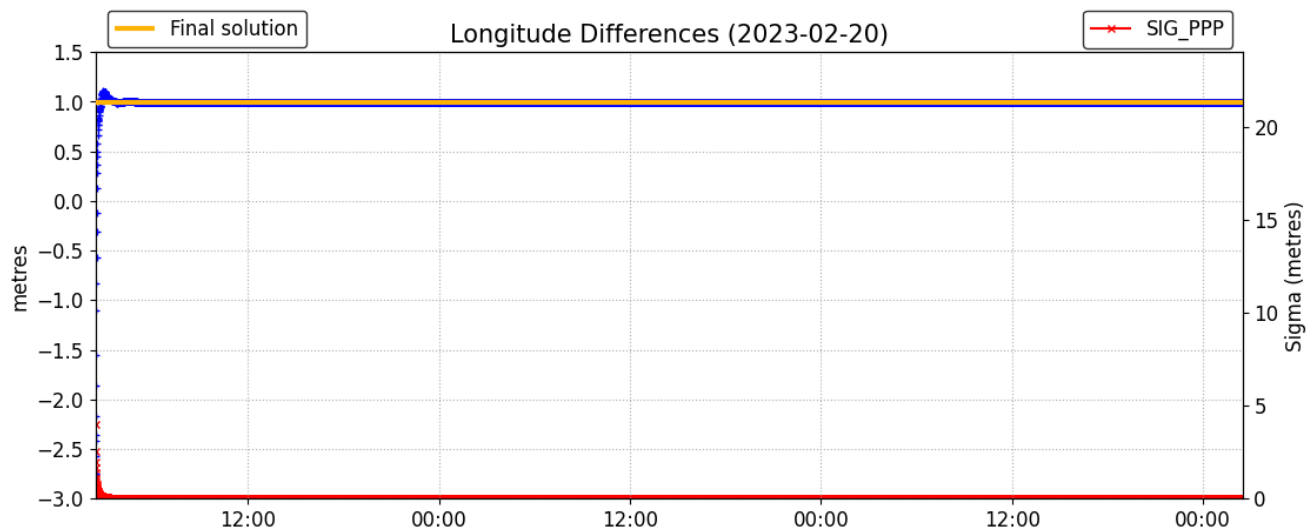
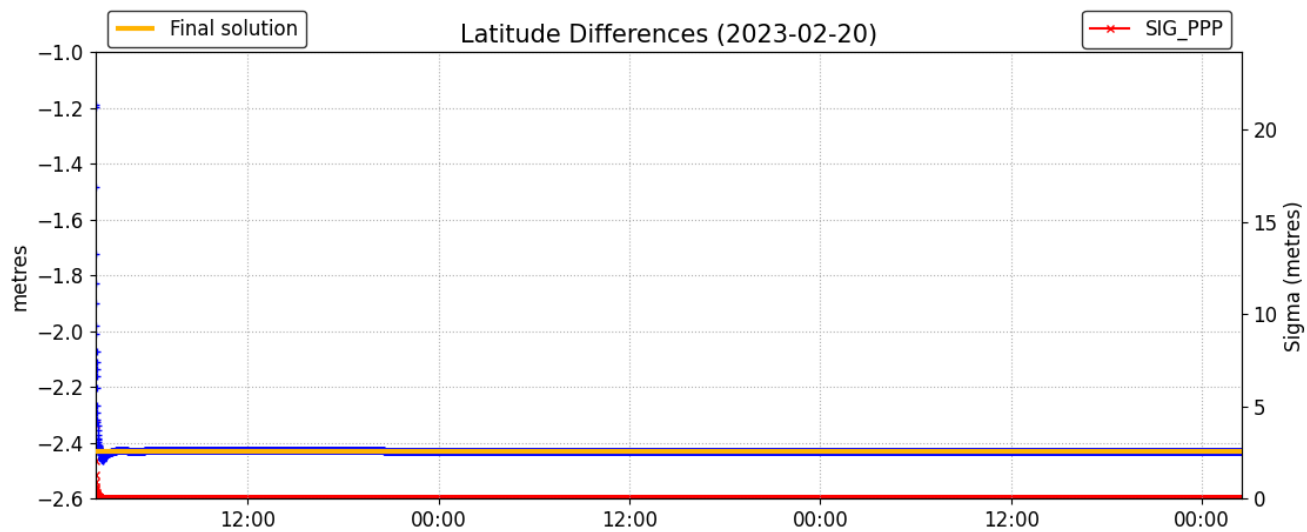
1905149.699 m (N)  
 417746.338 m (E)  
 Scale Factors  
 0.99968365 (point)  
 0.99966640 (combined)

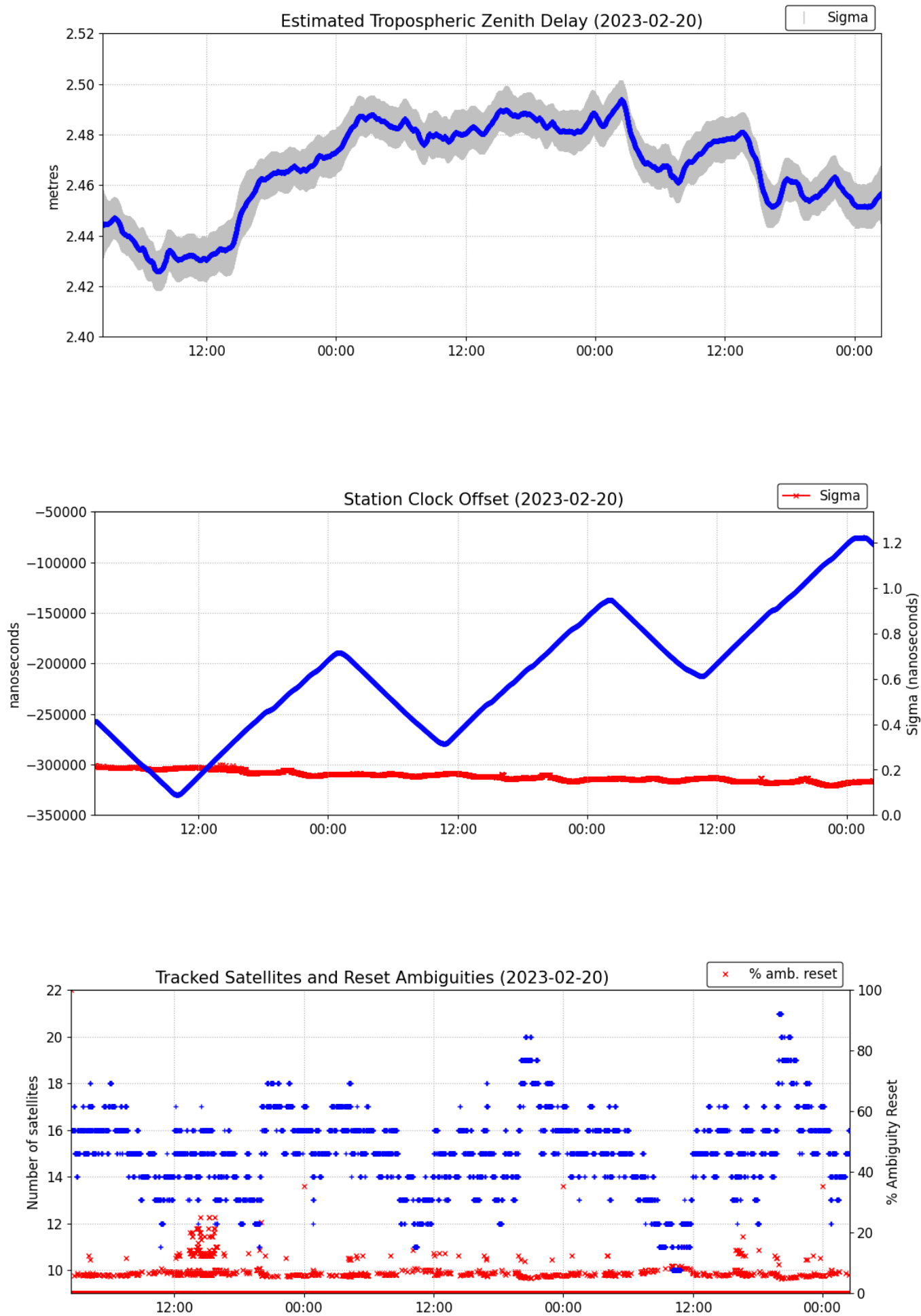
\*(Coordinates from RINEX header used as a priori position)

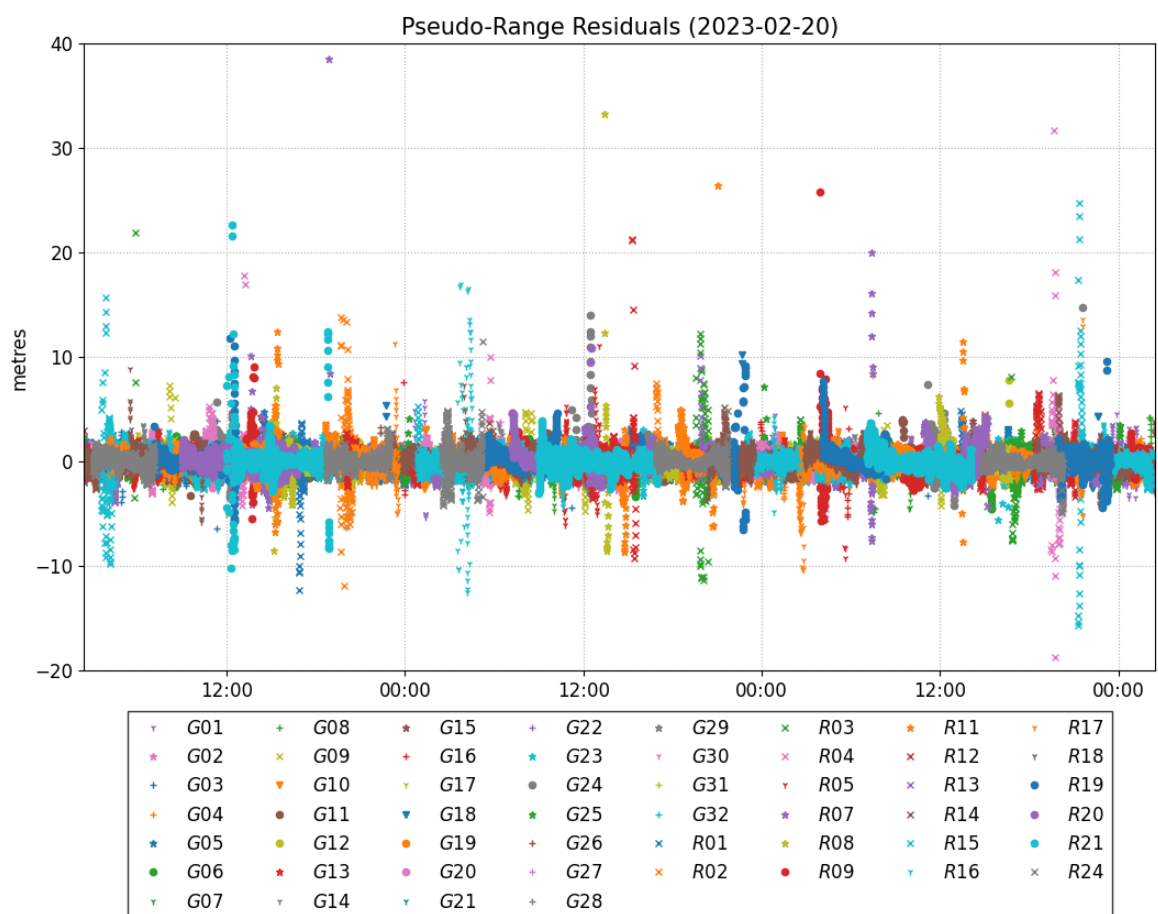
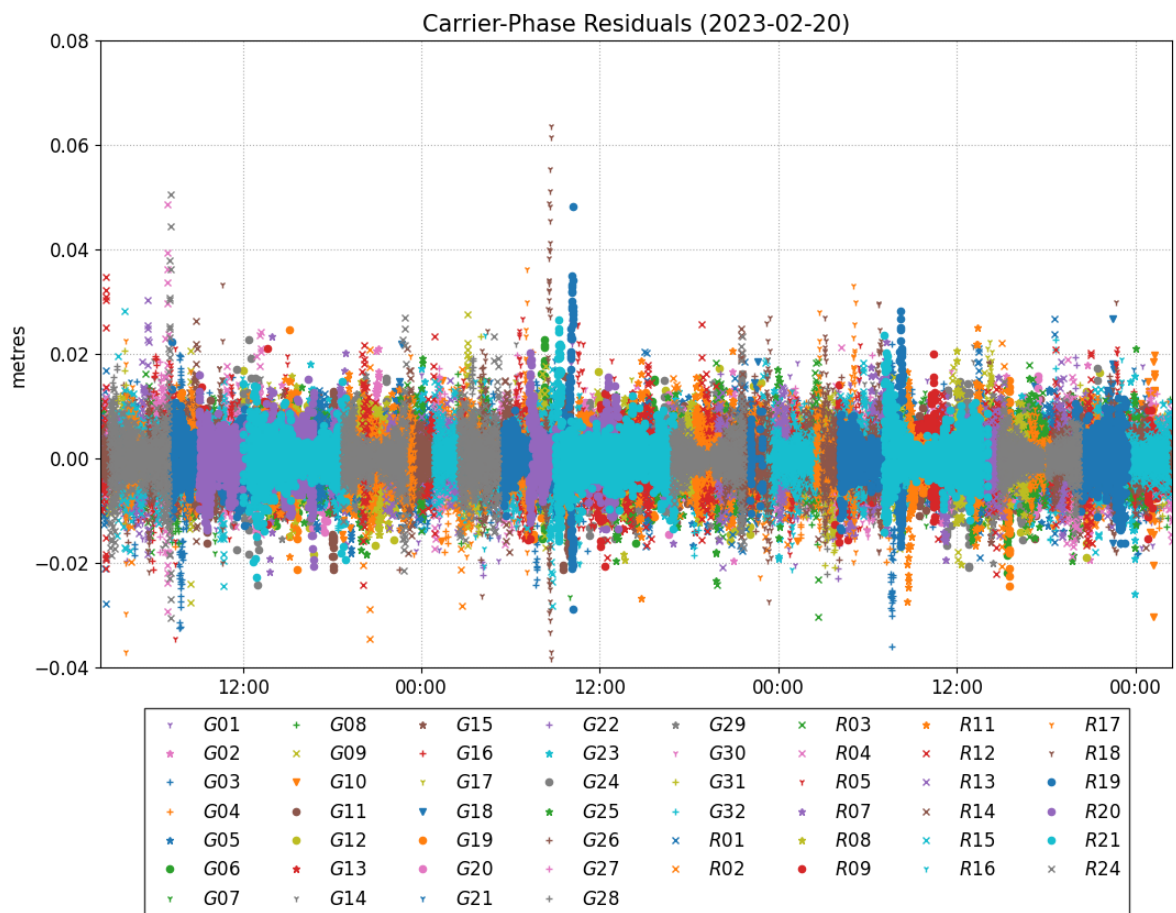
Satellite Sky Distribution



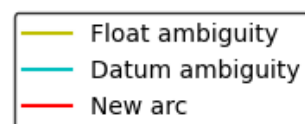
▽ G01	▽ G10	● G19	+ G28	▽ R05	× R15
* G02	● G11	● G20	* G29	* R07	▽ R16
+ G03	● G12	▽ G21	▽ G30	* R08	▽ R17
+ G04	* G13	+ G22	+ G31	● R09	▽ R18
* G05	▽ G14	* G23	+ G32	* R11	● R19
● G06	* G15	● G24	× R01	× R12	● R20
▽ G07	+ G16	* G25	× R02	× R13	● R21
+ G08	▽ G17	+ G26	× R03	× R14	× R24
× G09	▽ G18	* G27	× R04		







# Phase Ambiguity Status (2023-02-20)



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