



Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	44 North
Modified:		Datum:	WGS 1984
Time zone:		Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	EGM96 (Global)
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

Baseline Processing Report

Processing Summary

Observation	From	To	Solution Type	H. Prec. (Meter)	V. Prec. (Meter)	Geodetic Az.	Ellipsoid Dist. (Meter)	ΔHeight (Meter)
KATA --- MKJ 02 (B3)	KATA	MKJ 02	Fixed	0.0291	0.0435	165°09'35. 7"	22864.412 3	-49.3092
KATA --- MKJ 01 (B4)	KATA	MKJ 01	Fixed	0.0083	0.0502	165°43'52. 3"	23063.264 5	-54.6095

Acceptance Summary

Processed	Passed	Flag		Fail	
2	2	0		0	

KATA - MKJ 02 (07:29:23-07:50:36) (S3)

Baseline observation:	KATA --- MKJ 02 (B3)
Processed:	29-09-2025 07:09:53
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0291 m
Vertical precision:	0.0435 m
RMS:	0.0475 m
Maximum PDOP:	1.589
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	27-09-2025 07:29:30 (GPS Time)
Processing stop time:	27-09-2025 07:50:30 (GPS Time)
Processing duration:	00:21:00
Processing interval:	10 seconds
Processing mode:	Wide Lane Mode

Vector Components (Mark to Mark)

From:	KATA				
Grid		Local		Global	
Easting	375677.826 m	Latitude	N21°45'55.14113"	Latitude	N21°45'55.14113"
Northing	2407334.972 m	Longitude	E79°47'51.37400"	Longitude	E79°47'51.37400"
Elevation	347.178 m	Height	286.166 m	Height	286.166 m

To:	MKJ 02				
Grid		Local		Global	
Easting	381361.229 m	Latitude	N21°33'56.51749"	Latitude	N21°33'56.51749"
Northing	2385193.320 m	Longitude	E79°51'14.91871"	Longitude	E79°51'14.91871"
Elevation	298.927 m	Height	236.857 m	Height	236.857 m

Vector					
ΔEasting	5683.4030 m	NS Fwd Azimuth	165°09'35.7"	ΔX	-4326.8979 m
ΔNorthing	-22141.6525 m	Ellipsoid Dist.	22864.4123 m	ΔY	9020.7404 m
ΔElevation	-48.251 m	ΔHeight	-49.3092 m	ΔZ	-20560.4109 m

Standard Errors

Vector errors:					
$\sigma \Delta \text{Easting}$	0.0178 m	$\sigma \text{ NS fwd Azimuth}$	0°00'00.2"	$\sigma \Delta X$	0.0198 m
$\sigma \Delta \text{Northing}$	0.0189 m	$\sigma \text{ Ellipsoid Dist.}$	0.0177 m	$\sigma \Delta Y$	0.0397 m
$\sigma \Delta \text{Elevation}$	0.0435 m	$\sigma \Delta \text{Height}$	0.0435 m	$\sigma \Delta Z$	0.0245 m

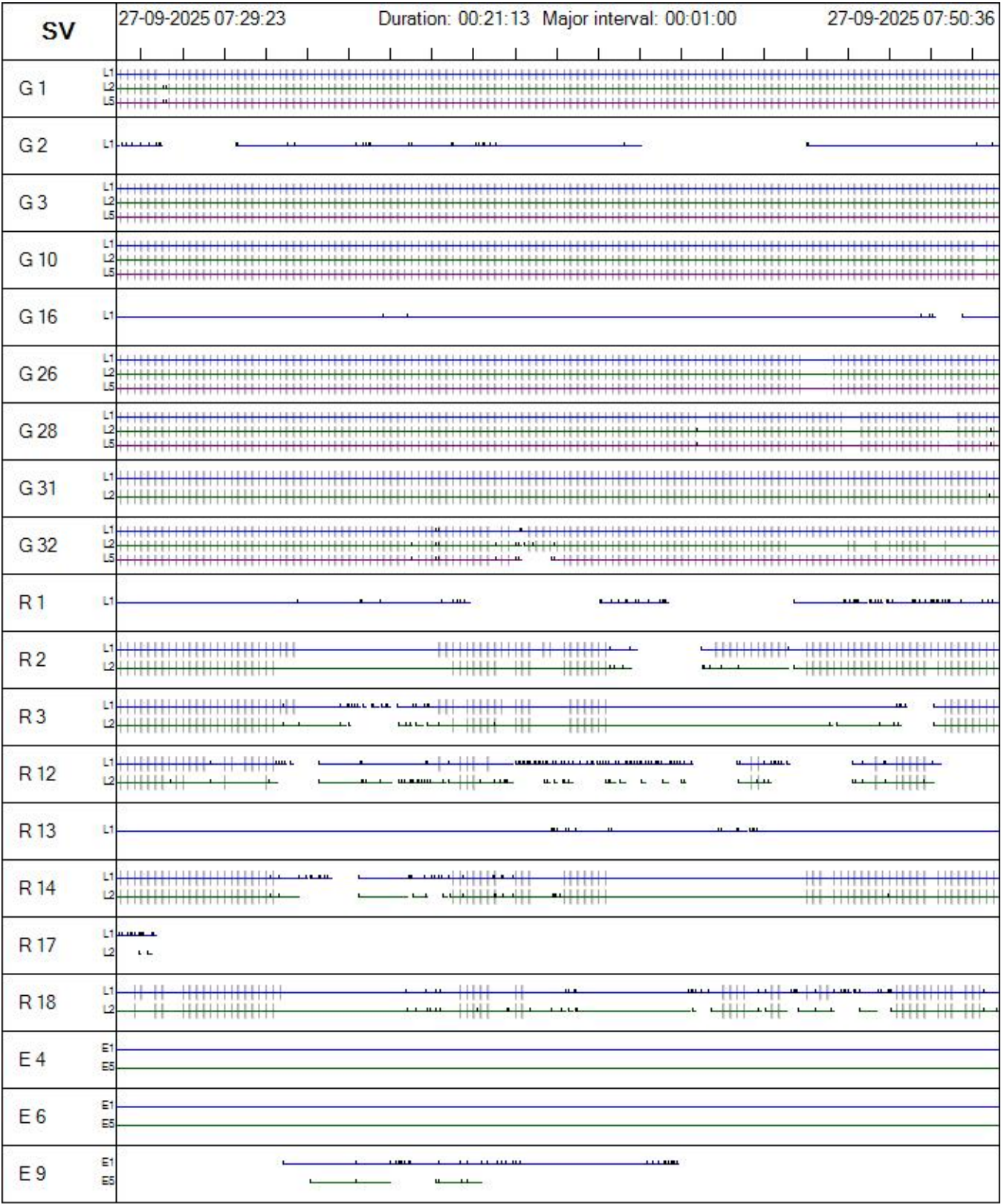
Aposteriori Covariance Matrix (Meter²)

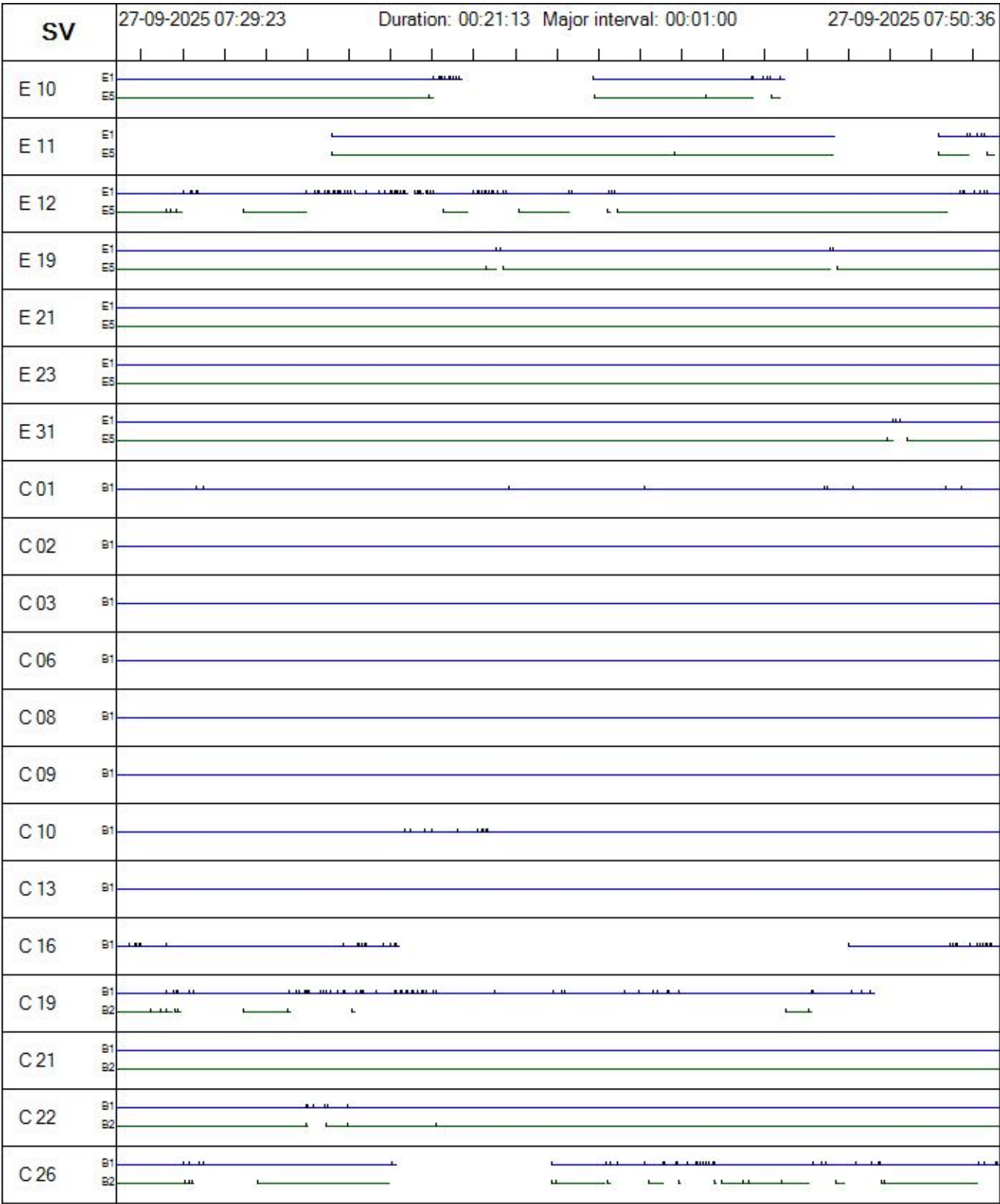
	X	Y	Z
X	0.0003931723		
Y	0.0003207669	0.0015721892	
Z	0.0000488692	0.0005646077	0.0006003950

Occupations

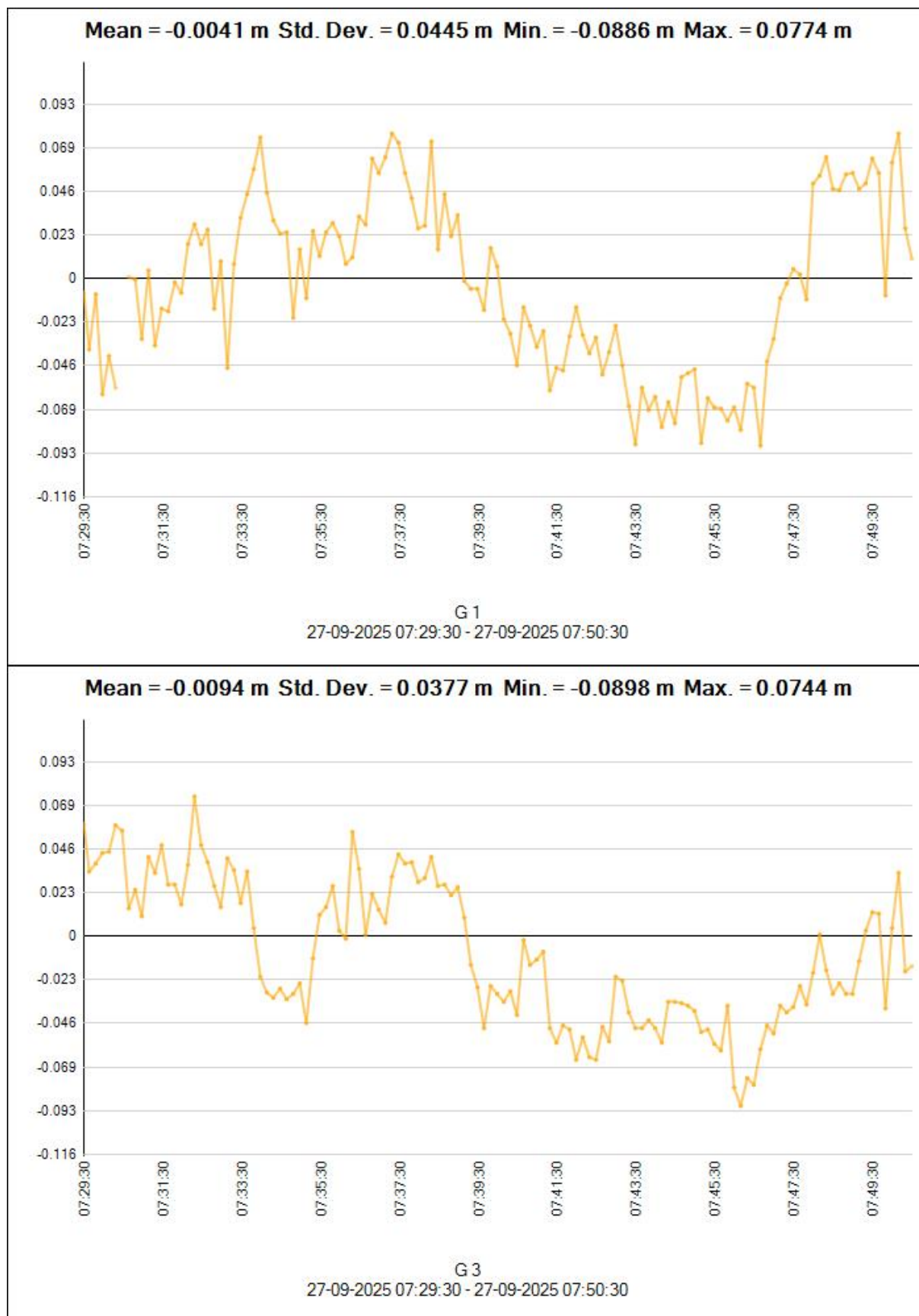
	From	To
Point ID:	KATA	MKJ 02
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (21)\KATA270G.25o	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (21)\JD772700.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6050R40089	6434100060
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

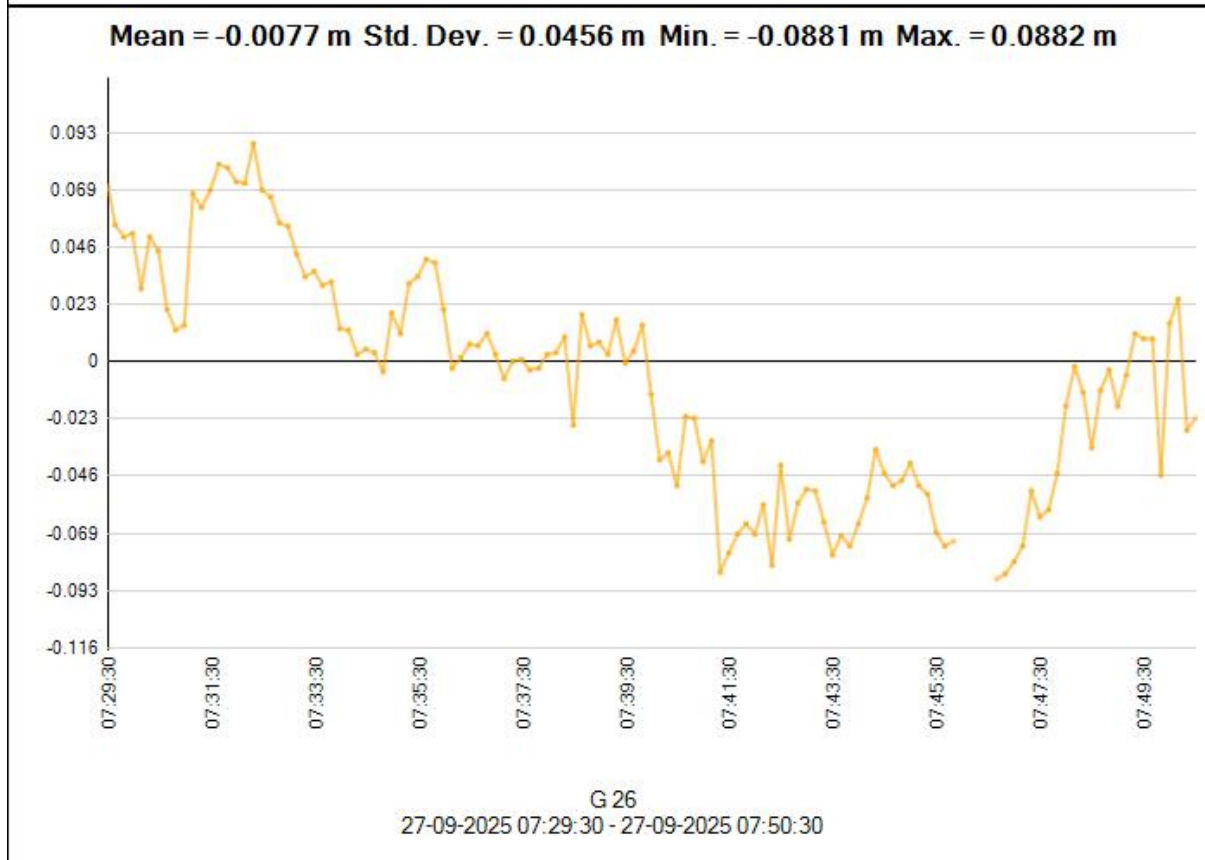
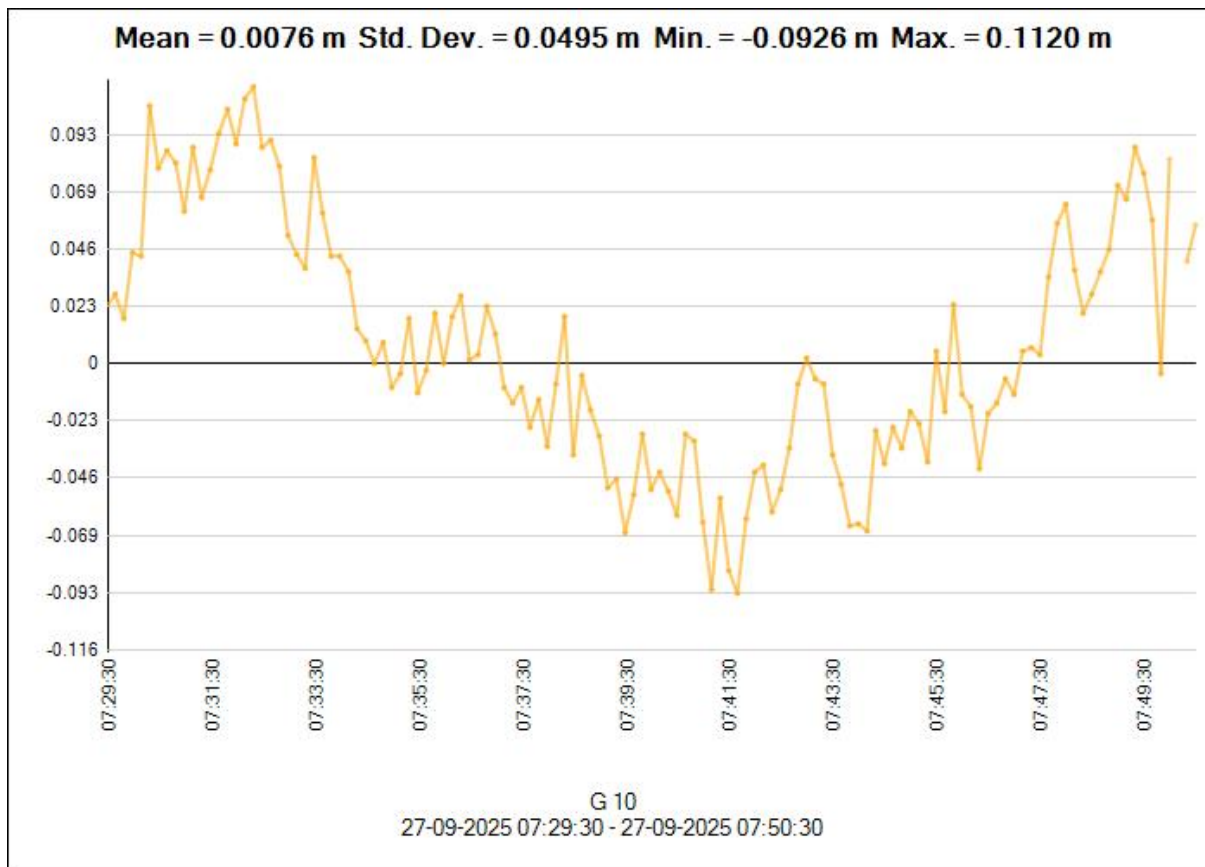
Tracking Summary

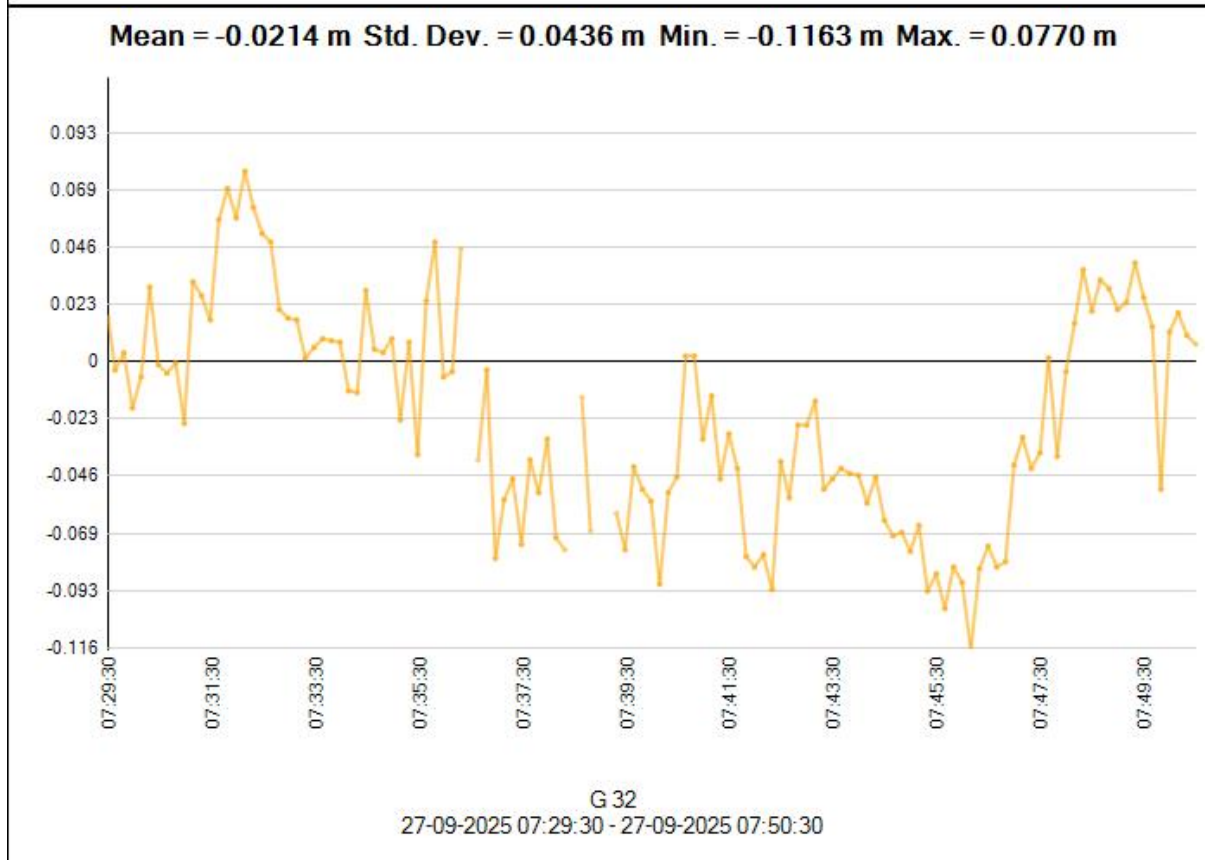
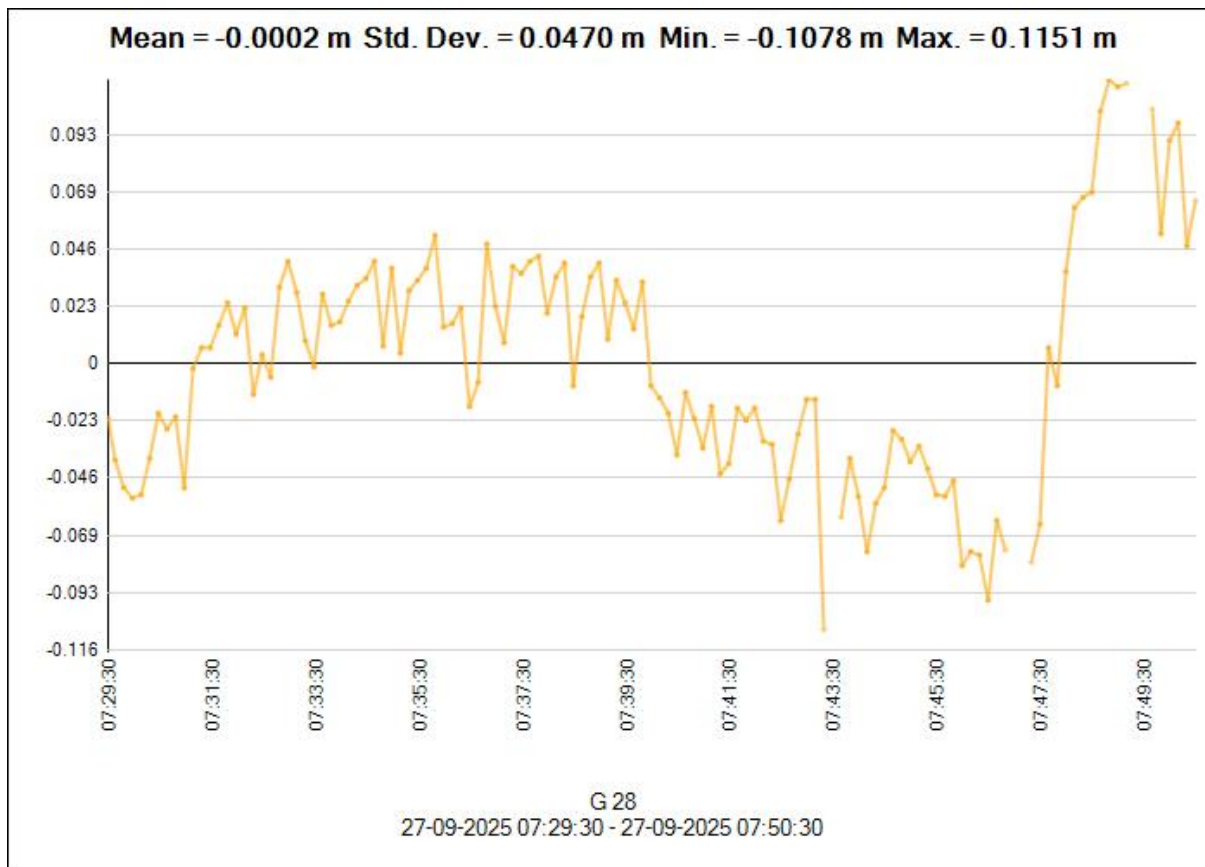


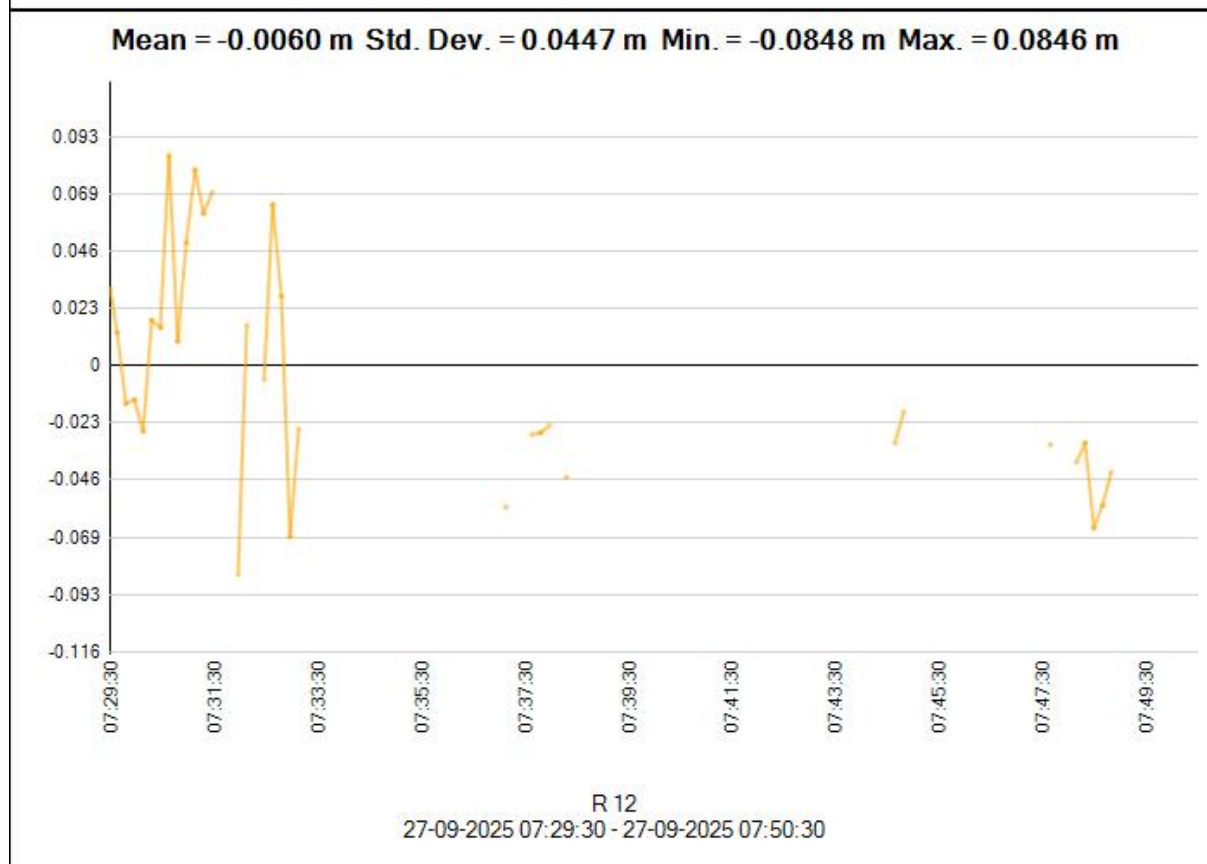
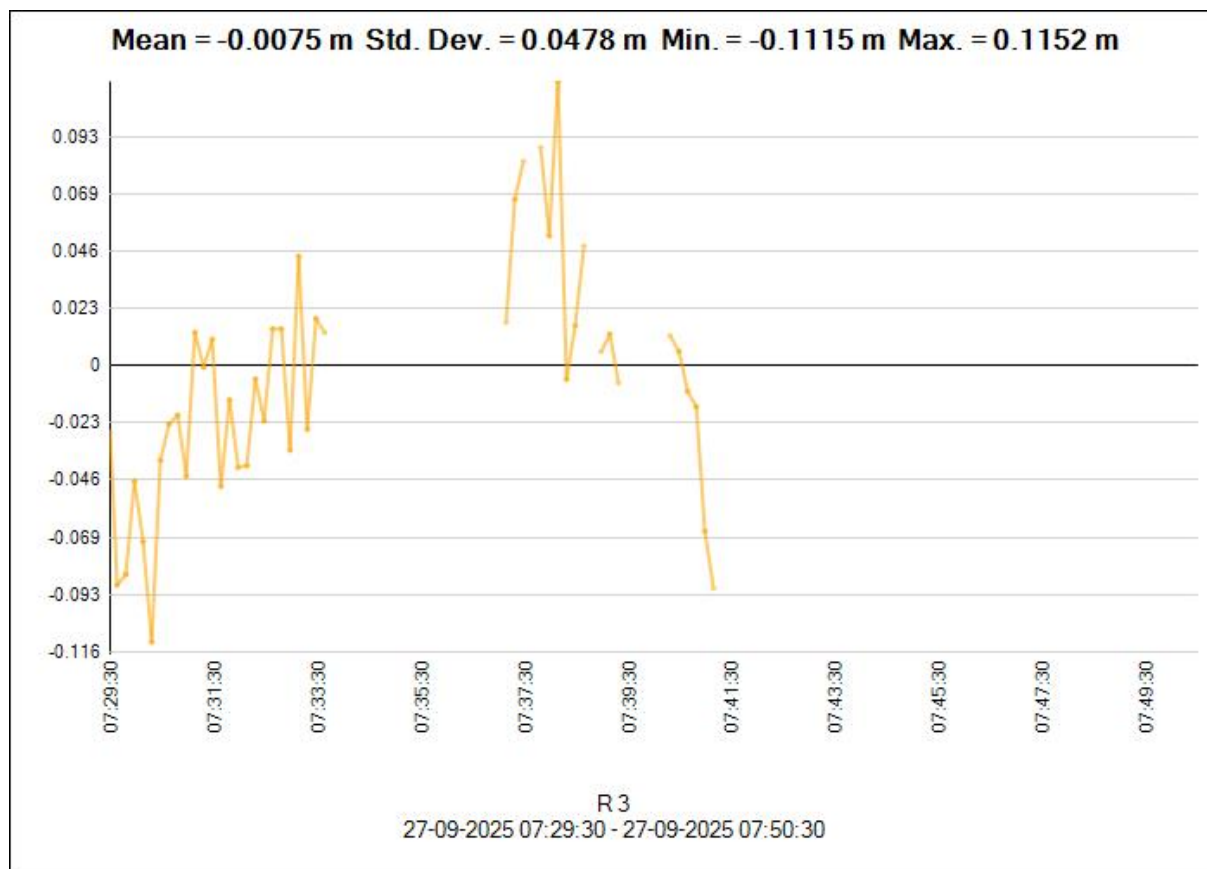


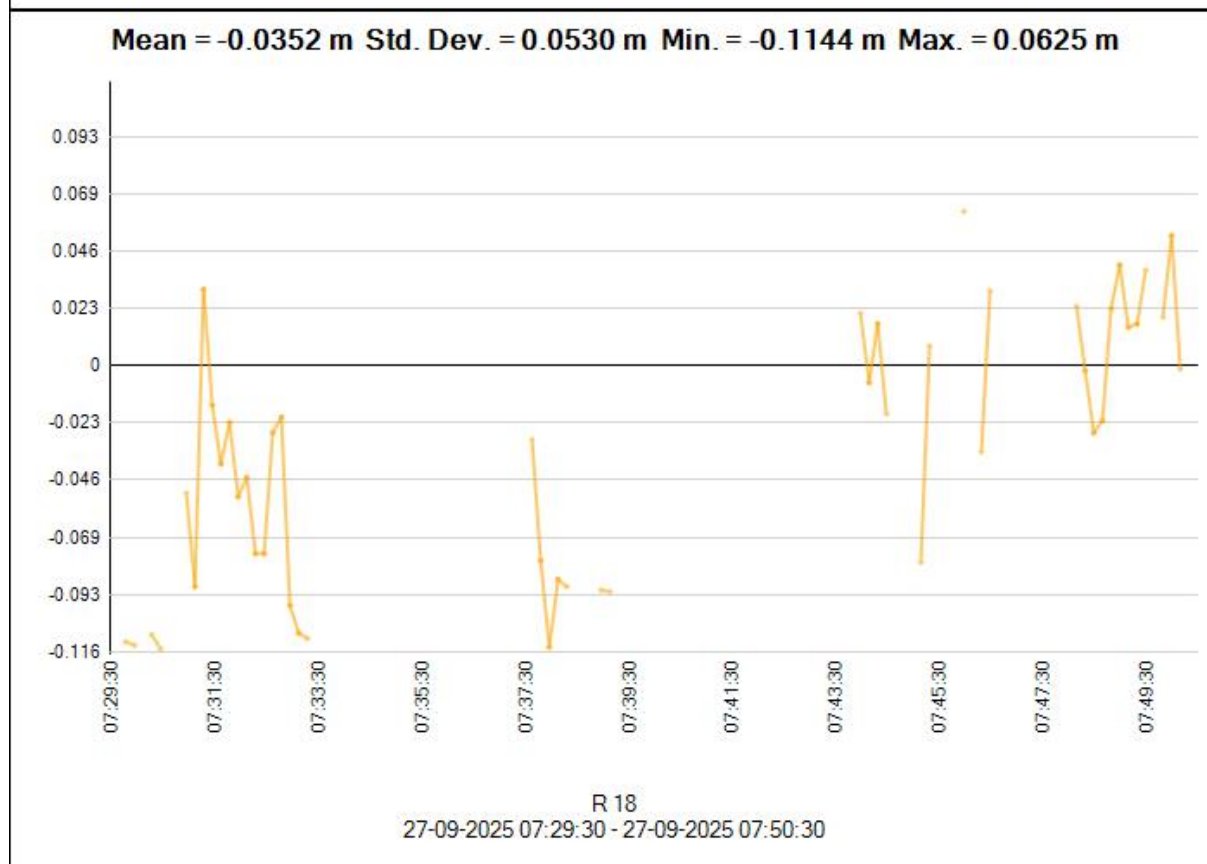
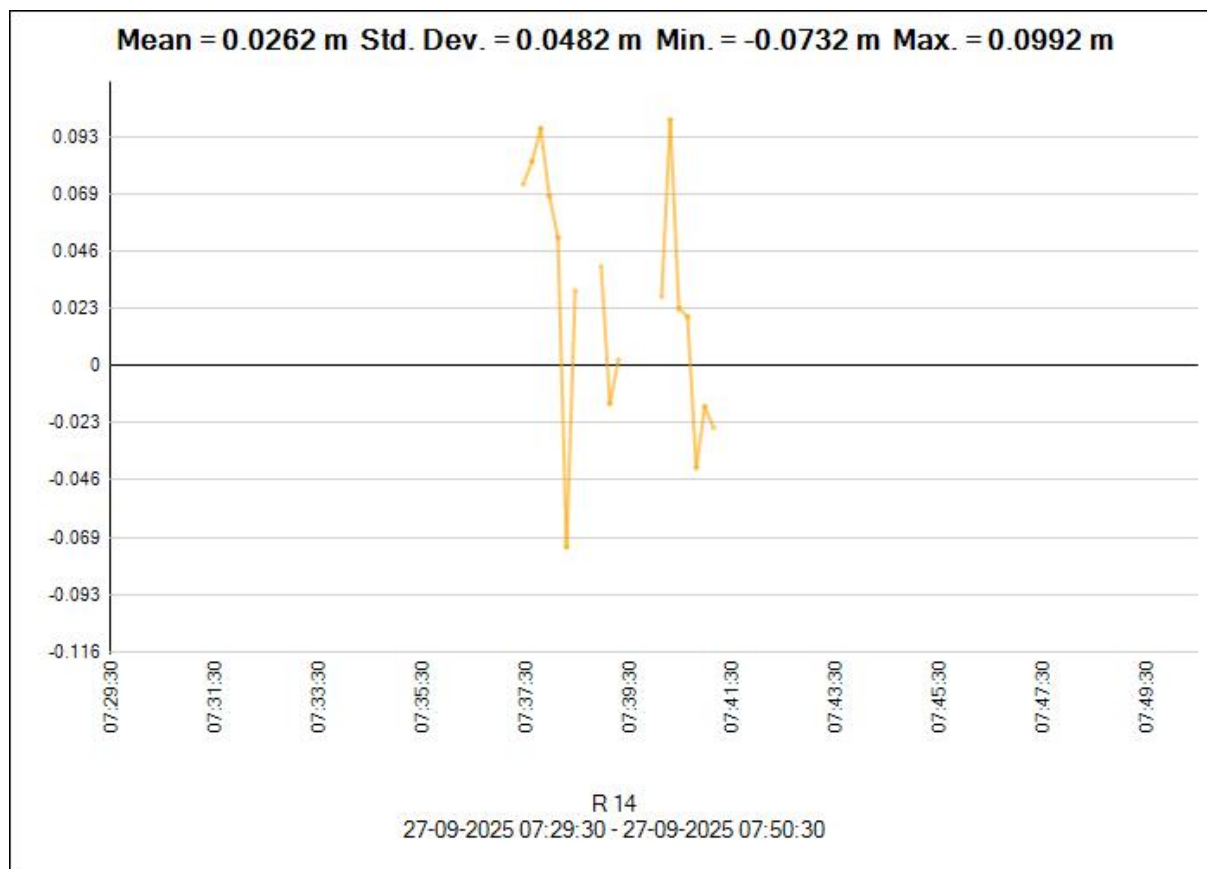
Residuals













Processing style

Elevation mask:	10°00'00.0"
Auto start processing:	Yes
Start automatic ID numbering:	AUTO0001
Continuous vectors:	No
Antenna model:	Automatic
Ephemeris type:	Automatic
Frequency:	All Frequencies
Processing Interval:	Automatic
Force float:	No
GIS processing type:	Automatic Carrier and Code Processing

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

KATA - MKJ 01 (06:14:43-06:39:04) (S4)

Baseline observation: KATA --- MKJ 01 (B4)

Processed: 29-09-2025 07:09:53

Solution type: Fixed

Frequency used: Multiple Frequencies

Horizontal precision: 0.0083 m

Vertical precision: 0.0502 m

RMS: 0.0337 m

Maximum PDOP: 1.512

Ephemeris used: Broadcast

Antenna model: NGS Absolute

Processing start time: 27-09-2025 06:14:50 (GPS Time)

Processing stop time: 27-09-2025 06:39:00 (GPS Time)

Processing duration: 00:24:10

Processing interval: 10 seconds

Processing mode: Wide Lane Mode

Vector Components (Mark to Mark)

From:	KATA				
Grid		Local		Global	
Easting	375677.826 m	Latitude	N21°45'55.14113"	Latitude	N21°45'55.14113"
Northing	2407334.972 m	Longitude	E79°47'51.37400"	Longitude	E79°47'51.37400"
Elevation	347.178 m	Height	286.166 m	Height	286.166 m

To:	MKJ 01				
Grid		Local		Global	
Easting	381187.696 m	Latitude	N21°33'48.39095"	Latitude	N21°33'48.39095"
Northing	2384944.700 m	Longitude	E79°51'08.94950"	Longitude	E79°51'08.94950"
Elevation	293.635 m	Height	231.557 m	Height	231.557 m

Vector					
ΔEasting	5509.8698 m	NS Fwd Azimuth	165°43'52.3"	ΔX	-4142.5230 m
ΔNorthing	-22390.2724 m	Ellipsoid Dist.	23063.2645 m	ΔY	9076.0663 m
ΔElevation	-53.543 m	ΔHeight	-54.6095 m	ΔZ	-20794.8187 m

Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0058 m	σ NS fwd Azimuth	0°00'00.0"	$\sigma \Delta$ X	0.0048 m
$\sigma \Delta$ Northing	0.0025 m	σ Ellipsoid Dist.	0.0031 m	$\sigma \Delta$ Y	0.0469 m
$\sigma \Delta$ Elevation	0.0502 m	$\sigma \Delta$ Height	0.0502 m	$\sigma \Delta$ Z	0.0183 m













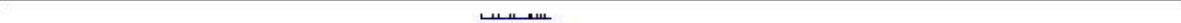
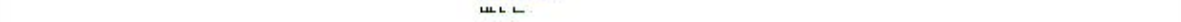




























































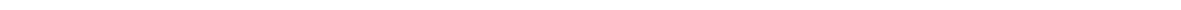
Aposteriori Covariance Matrix (Meter²)

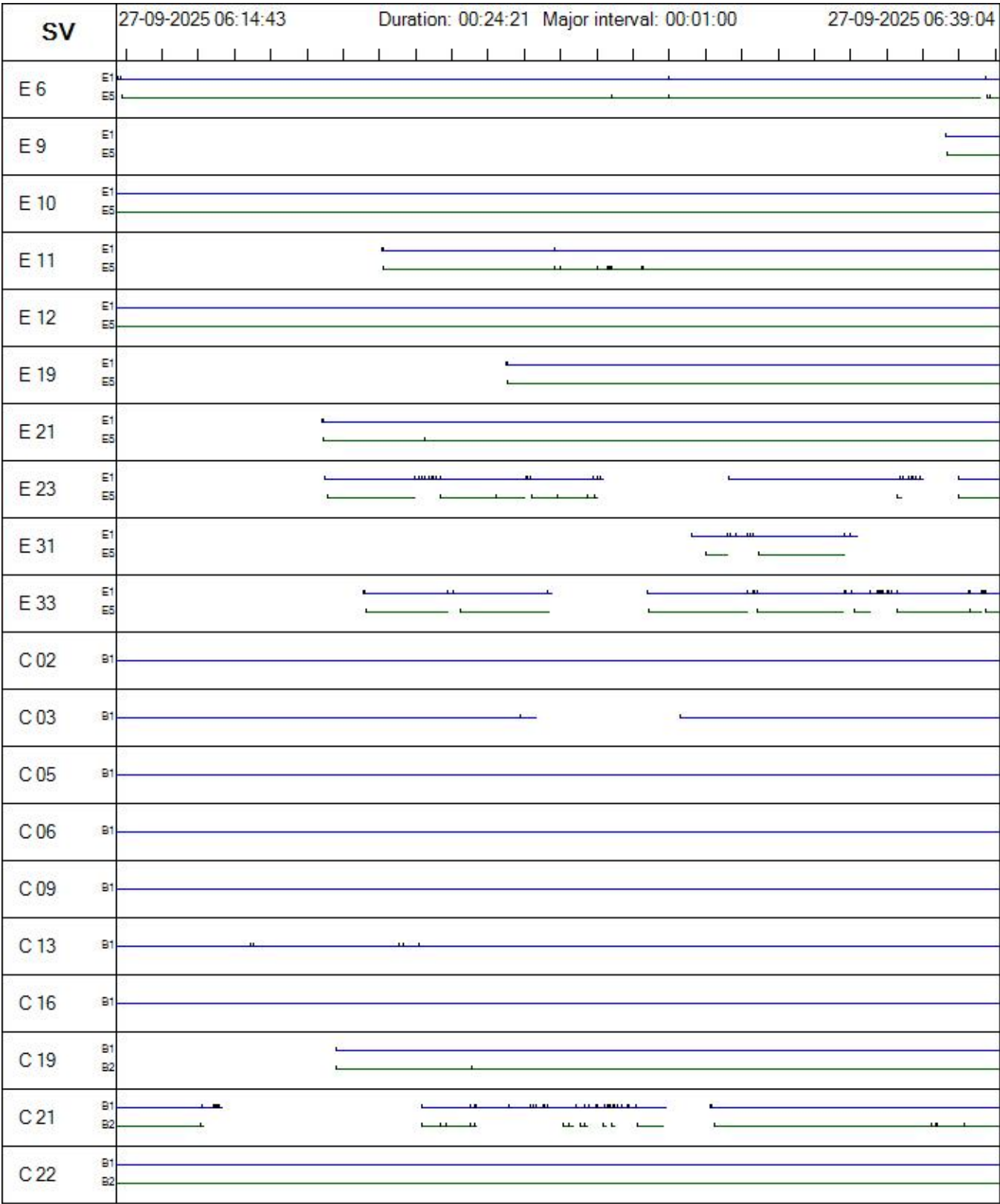
	X	Y	Z
X	0.0000228850		
Y	0.0001638834	0.0021988261	
Z	0.0000660252	0.0008499135	0.0003358799

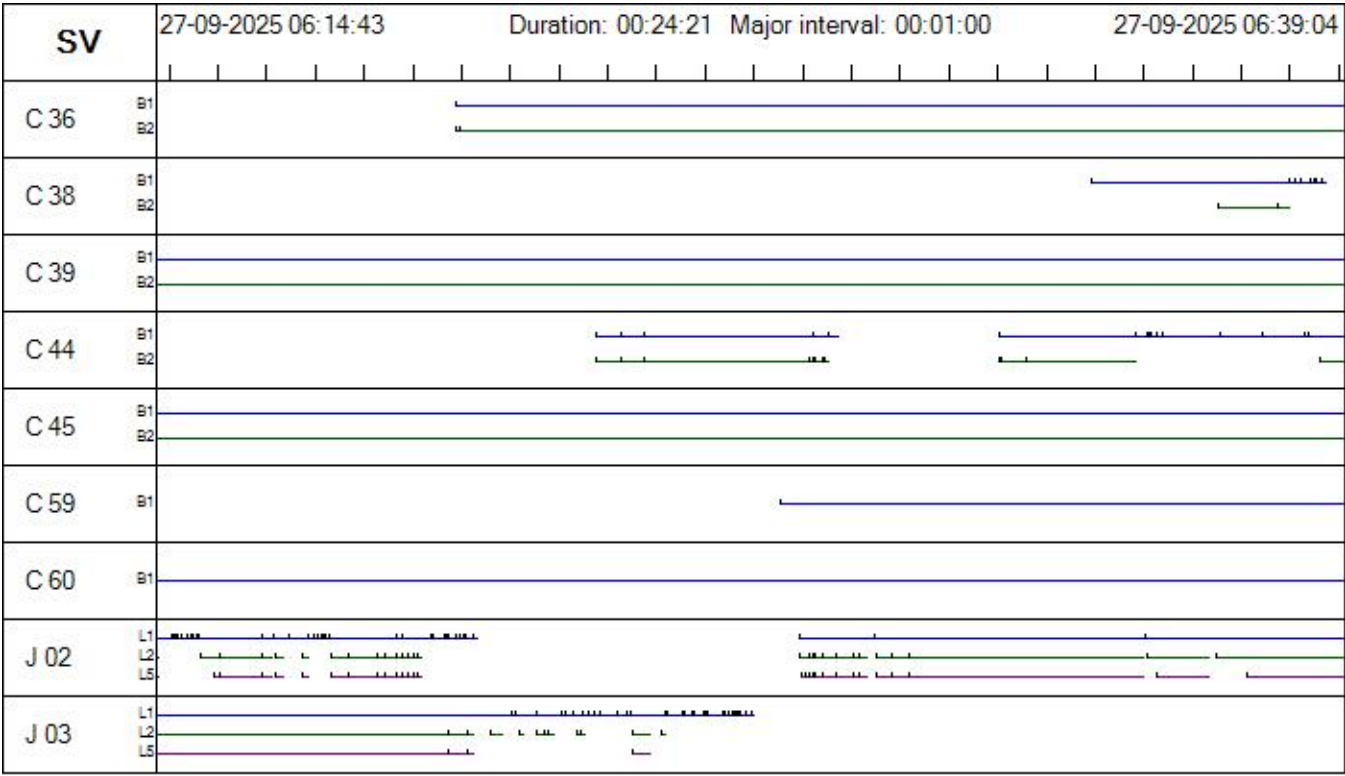
Occupations

	From	To
Point ID:	KATA	MKJ 01
Data file:	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (21)\KATA270G.25o	C:\Users\LENOVO\Dropbox\PC\Documents\Trimble Business Center\Unnamed (21)\JD772700.t04
Receiver type:	Alloy	Catalyst DA2
Receiver serial number:	6050R40089	6434100060
Antenna type:	GNSS-Ti Choke Ring v2 w/SCIS Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

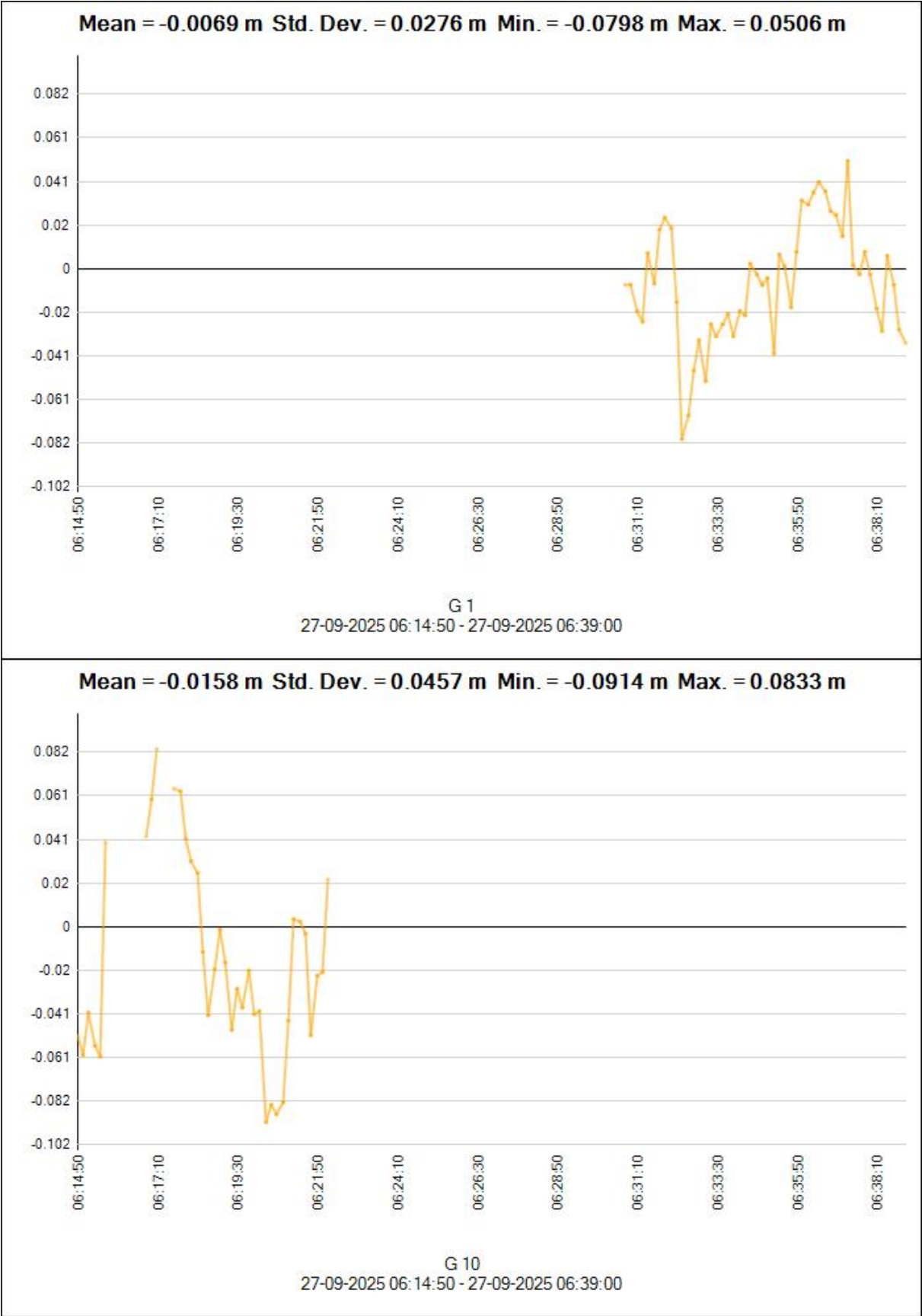
Tracking Summary

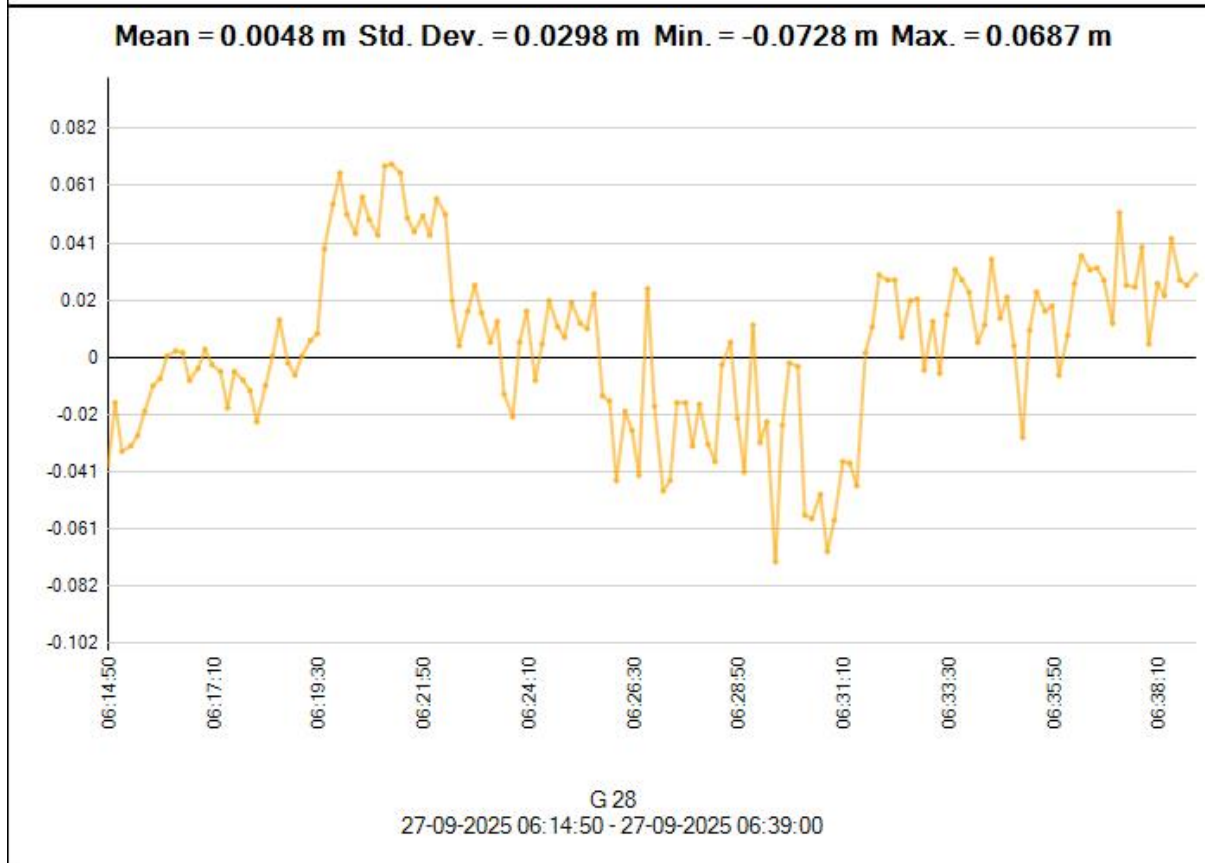
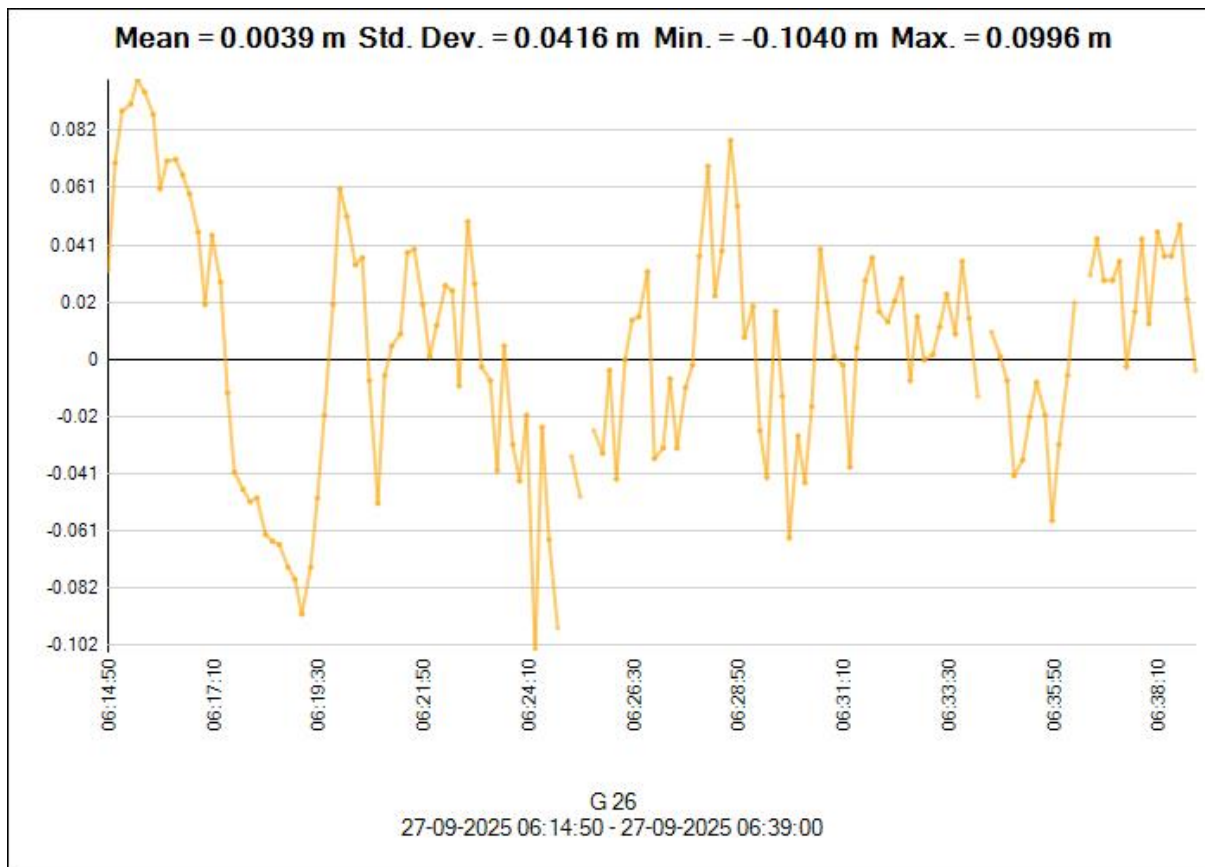
SV		27-09-2025 06:14:43	Duration: 00:24:21 Major interval: 00:01:00	27-09-2025 06:39:04
G 1	L1			
	L2			
	L3			
	L5			
G 2	L1			
	L2			
	L3			
	L5			
G 10	L1			
	L2			
	L3			
	L5			
G 16	L1			
	L2			
	L3			
	L5			
G 23	L1			
	L2			
	L3			
	L5			
G 25	L1			
	L2			
	L3			
	L5			
G 26	L1			
	L2			
	L3			
	L5			
G 28	L1			
	L2			
	L3			
	L5			
G 31	L1			
	L2			
	L3			
	L5			
G 32	L1			
	L2			
	L3			
	L5			
R 1	L1			
	L2			
	L3			
	L5			
R 2	L1			
	L2			
	L3			
	L5			
R 3	L1			
	L2			
	L3			
	L5			
R 12	L1			
	L2			
	L3			
	L5			
R 13	L1			
	L2			
	L3			
	L5			
R 14	L1			
	L2			
	L3			
	L5			
R 17	L1			
	L2			
	L3			
	L5			
R 18	L1			
	L2			
	L3			
	L5			
R 24	L1			
	L2			
	L3			
	L5			
E 4	E1			
	E2			
	E3			
	E5			

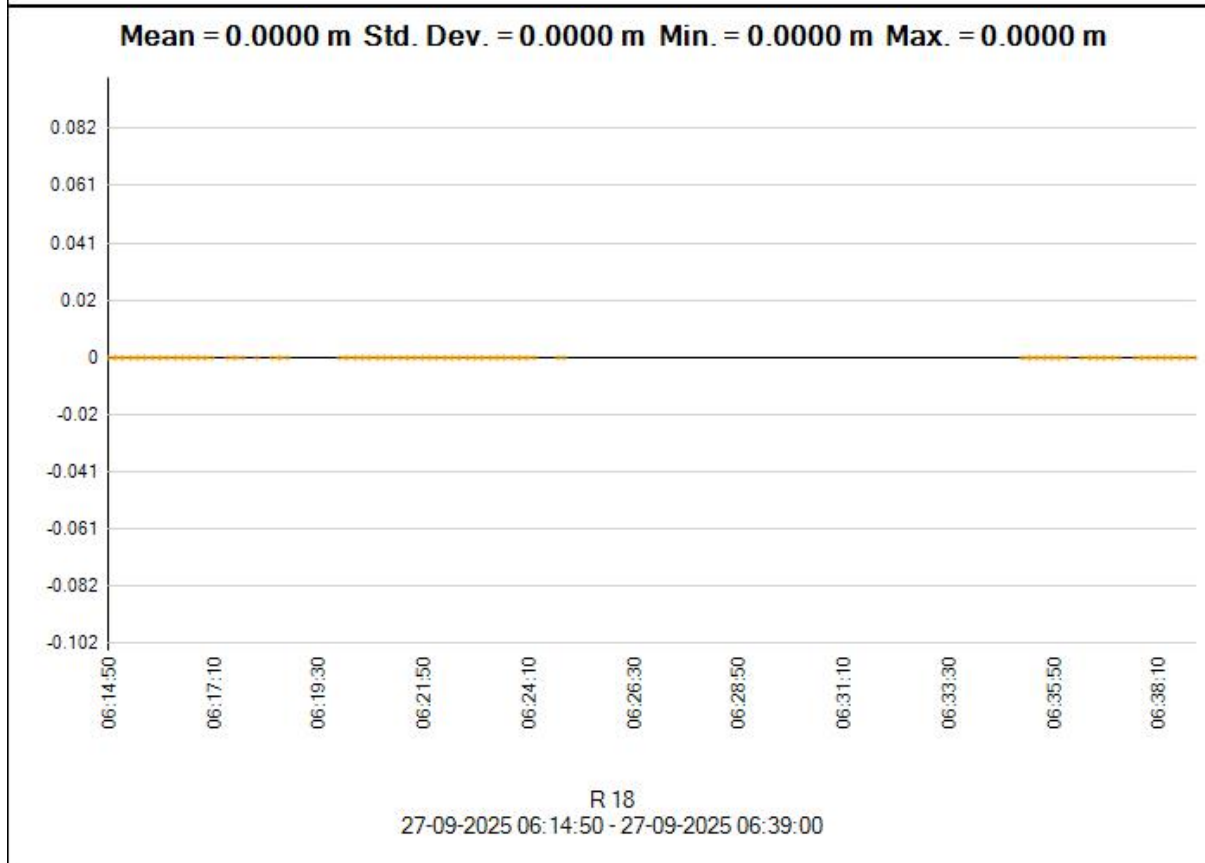
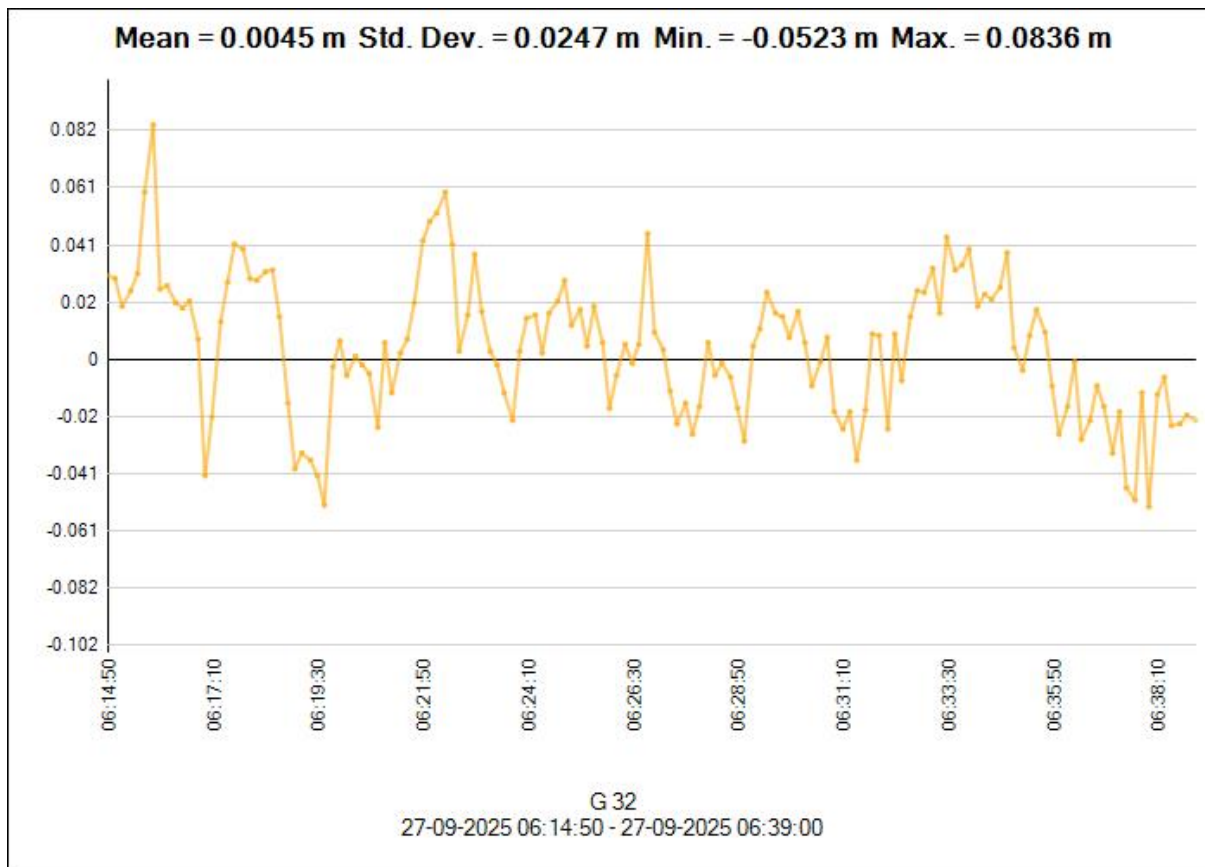




Residuals









Processing style

Elevation mask: 10°00'00.0"
Auto start processing: Yes
Start automatic ID numbering: AUTO0001
Continuous vectors: No
Antenna model: Automatic
Ephemeris type: Automatic
Frequency: All Frequencies
Processing Interval: Automatic
Force float: No
GIS processing type: Automatic Carrier and Code Processing

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

29-09-2025 12:40:56		Trimble Business Center
---------------------	--	-------------------------