

Project file data		Coordinate System	
Name:	C:\Users\PC15\Desktop\Working Datum\Working Datum\SITE 5\P1\STN5.vce	Name:	Malaysia RSO Geocentric
Size:	40 KB	Datum:	GDM
Modified:	16/1/2020 10:17:24 PM (UTC:8)	Zone:	RsoGeocentric- (Peninsular)
Time zone:	Malay Peninsula Standard Time	Geoid:	Malaysia Geoid 2004
Reference number:		Vertical datum:	
Description:		Calibrated site:	
Comment 1:			
Comment 2:			
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)
HELI --- STN5 (B1)	HELI	STN5	Fixed	0.006	0.009	91°02'12"	1372.789	-12.683

Acceptance Summary

Processed	Passed	Flag	Fail
1	1	0	0

HELI - STN5 (8:18:41 AM-8:40:53 AM) (S1)

Baseline observation:	HELI --- STN5 (B1)
Processed:	16/1/2020 10:22:34 PM
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.006 m
Vertical precision:	0.009 m
RMS:	0.009 m
Maximum PDOP:	1.454
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	13/1/2020 8:18:42 AM (Local: UTC+8hr)
Processing stop time:	13/1/2020 8:40:52 AM (Local: UTC+8hr)
Processing duration:	00:22:10
Processing interval:	10 seconds

Vector Components (Mark to Mark)

From:		HELI			
Grid		Local		Global	
Easting	626723.141 m	Latitude	N1°33'29.60107"	Latitude	N1°33'29.60107"
Northing	172321.964 m	Longitude	E103°38'13.35453"	Longitude	E103°38'13.35453"
Elevation	34.455 m	Height	42.260 m	Height	42.260 m

To:		STN5			
Grid		Local		Global	
Easting	628095.498 m	Latitude	N1°33'28.79240"	Latitude	N1°33'28.79239"
Northing	172296.450 m	Longitude	E103°38'57.75868"	Longitude	E103°38'57.75868"
Elevation	21.718 m	Height	29.577 m	Height	29.577 m

Vector					
ΔEasting	1372.357 m	NS Fwd Azimuth	91°02'12"	ΔX	-1331.012 m
ΔNorthing	-25.513 m	Ellipsoid Dist.	1372.789 m	ΔY	-335.420 m
ΔElevation	-12.737 m	ΔHeight	-12.683 m	ΔZ	-25.175 m

Standard Errors

Vector errors:					
σ ΔEasting	0.002 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.002 m
σ ΔNorthing	0.002 m	σ Ellipsoid Dist.	0.002 m	σ ΔY	0.004 m
σ ΔElevation	0.004 m	σ ΔHeight	0.004 m	σ ΔZ	0.002 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000042304		
Y	0.0000002157	0.0000200895	
Z	0.0000003727	0.0000016570	0.0000028898

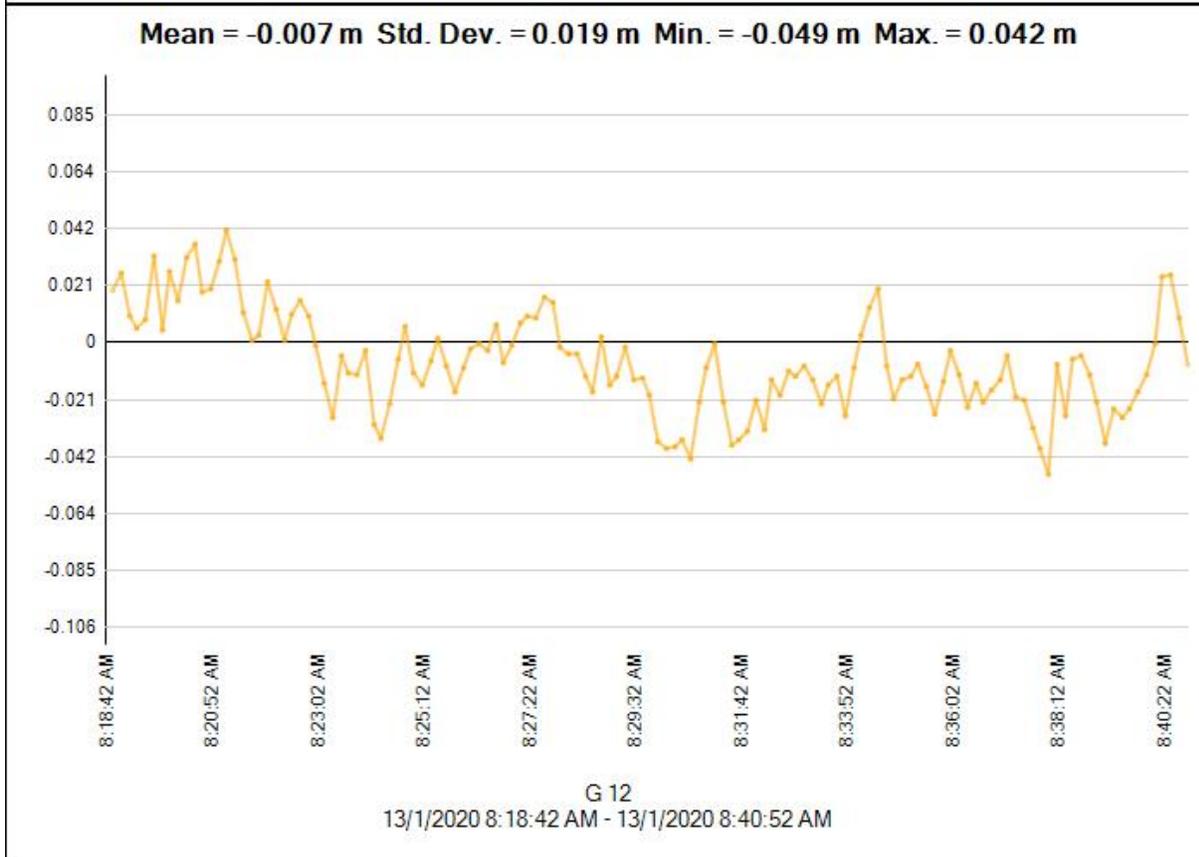
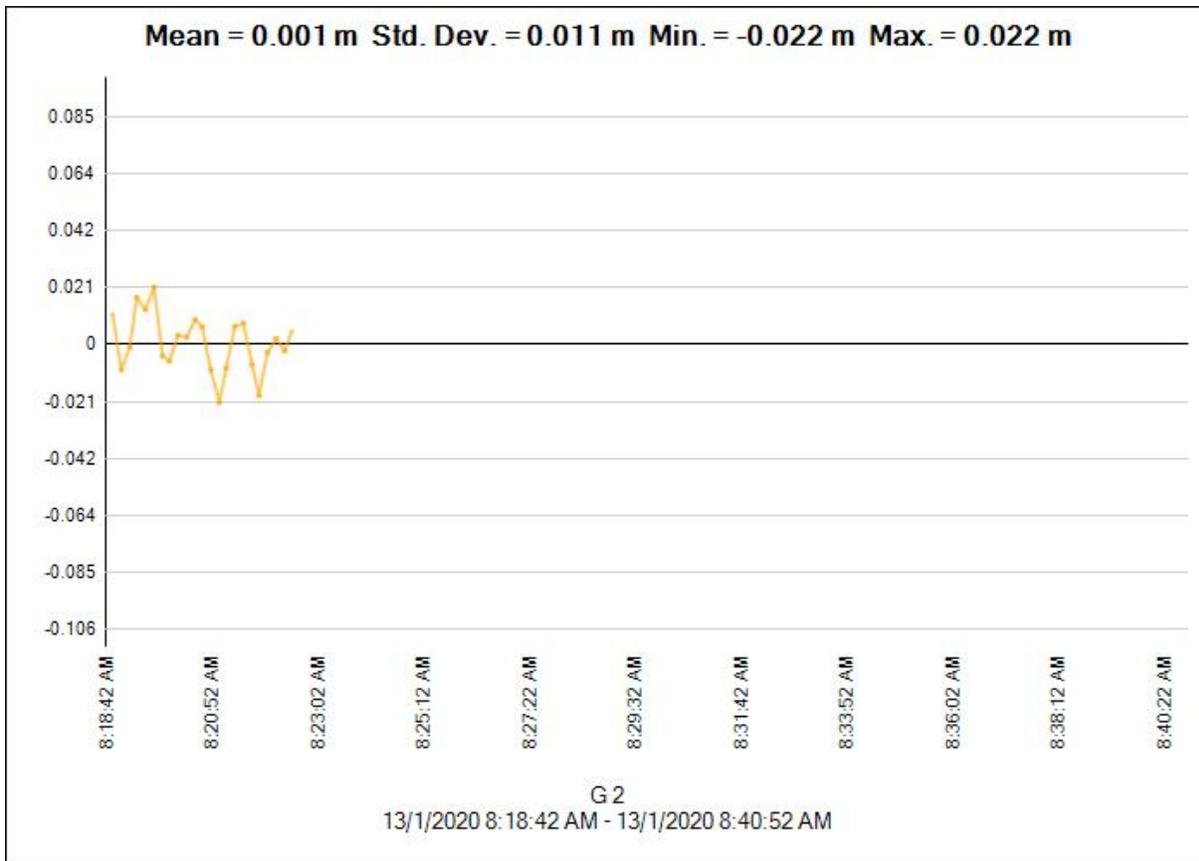
Occupations

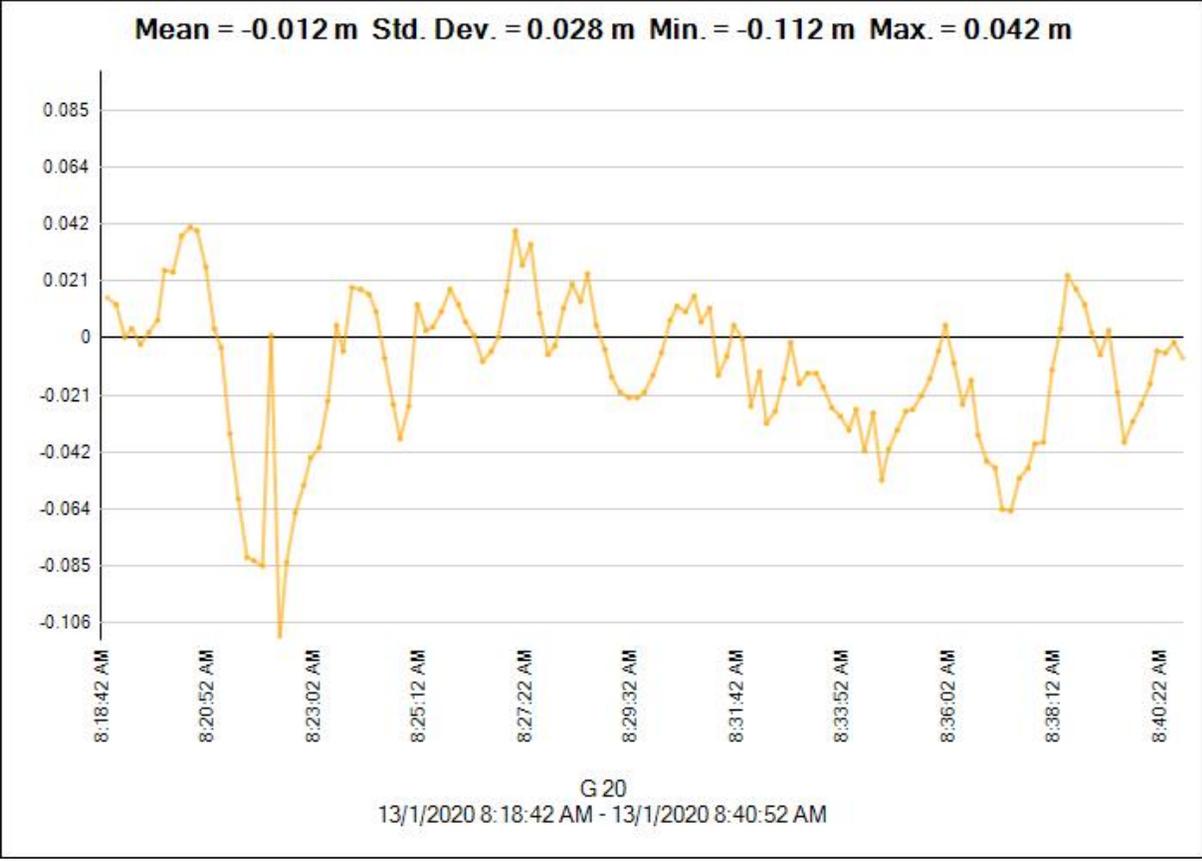
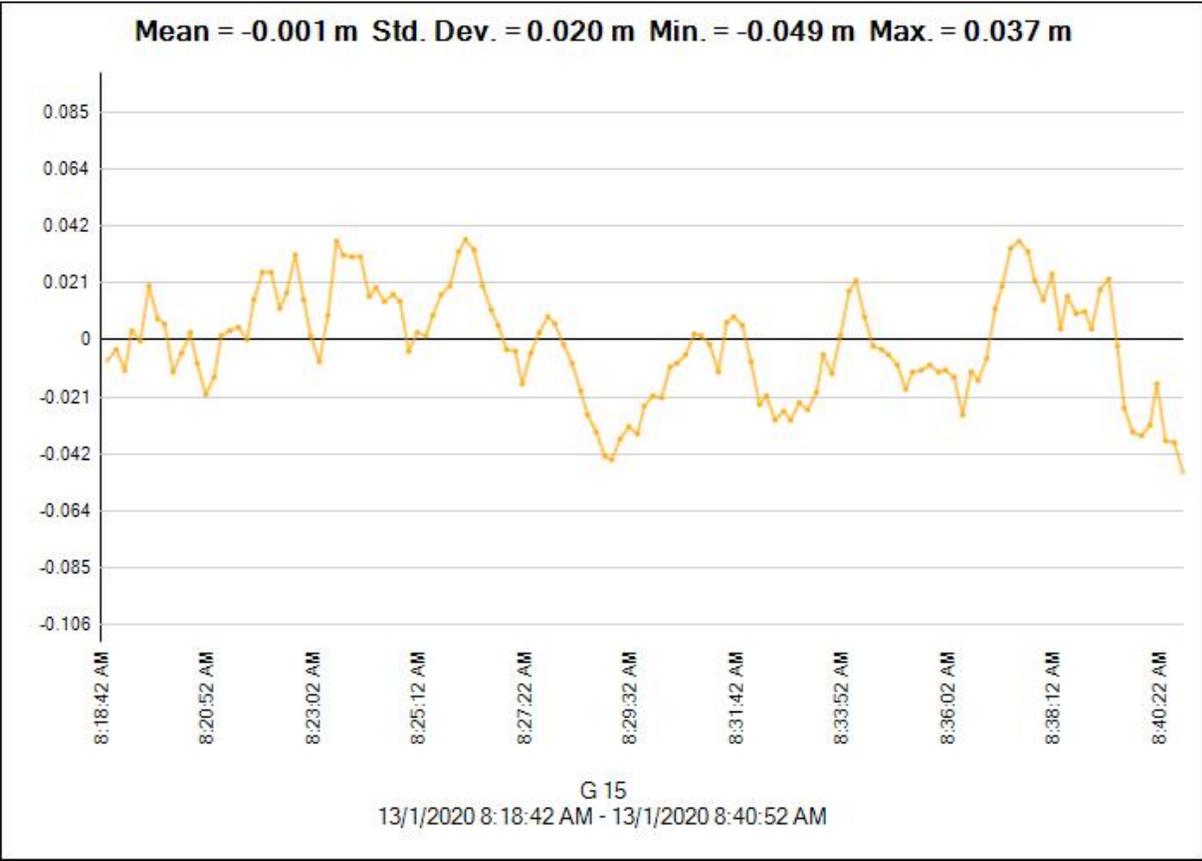
	From	To
Point ID:	HELI	STN5
Data file:	C:\Users\PC15\Desktop\Working Datum \Working Datum\SITE 5\P1\STN5\GPS01a.200	C:\Users\PC15\Desktop\Working Datum \Working Datum\SITE 5\P1\STN5\GPS03a.200
Receiver type:	GR5	Unknown
Receiver serial number:	SQ7KCZG2HA8	SPWBFY5SMWW
Antenna type:	GR5	GR5
Antenna serial number:	-Unknown-	-----
Antenna height (measured):	1.090 m	1.397 m
Antenna method:	Antenna Phase Center	Antenna Phase Center

Tracking Summary

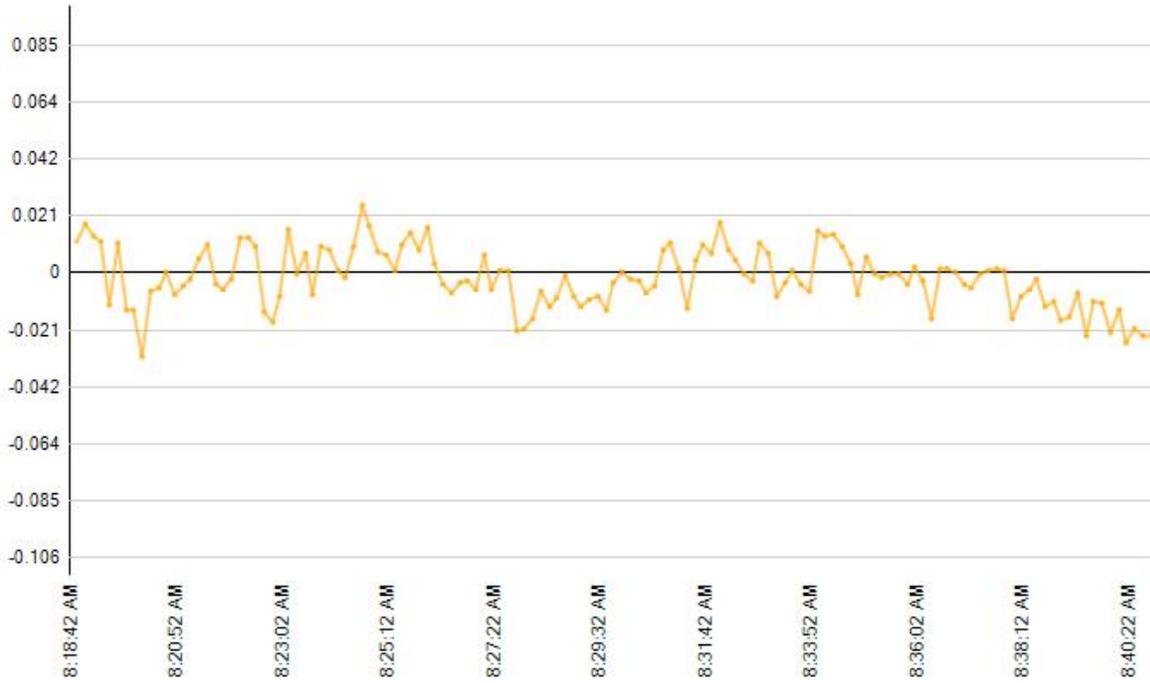
SV	13/1/2020 8:18:41 AM	Duration: 00:22:12	Major interval: 00:01:00	13/1/2020 8:40:53 AM
G 2	L1 L2			
G 12	L1 L2			
G 15	L1 L2			
G 20	L1 L2			
G 21	L1 L2			
G 24	L1 L2			
G 25	L1 L2			
G 29	L1 L2			
G 32	L1 L2			
R 6	L1			
R 7	L1			
R 9	L1			
R 16	L1			
R 20	L1			
R 21	L1			

Residuals





Mean = -0.002 m Std. Dev. = 0.011 m Min. = -0.031 m Max. = 0.025 m



G 21
13/1/2020 8:18:42 AM - 13/1/2020 8:40:52 AM

Mean = 0.002 m Std. Dev. = 0.008 m Min. = -0.018 m Max. = 0.020 m



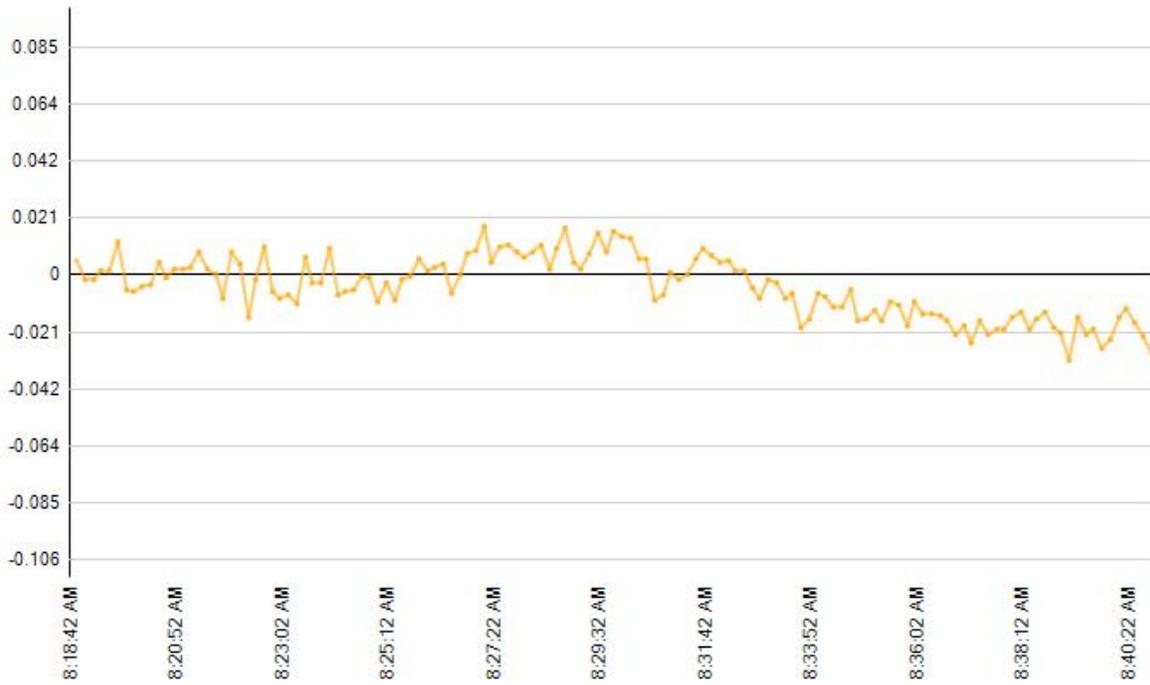
G 24
13/1/2020 8:18:42 AM - 13/1/2020 8:40:52 AM

Mean = -0.001 m Std. Dev. = 0.010 m Min. = -0.027 m Max. = 0.023 m

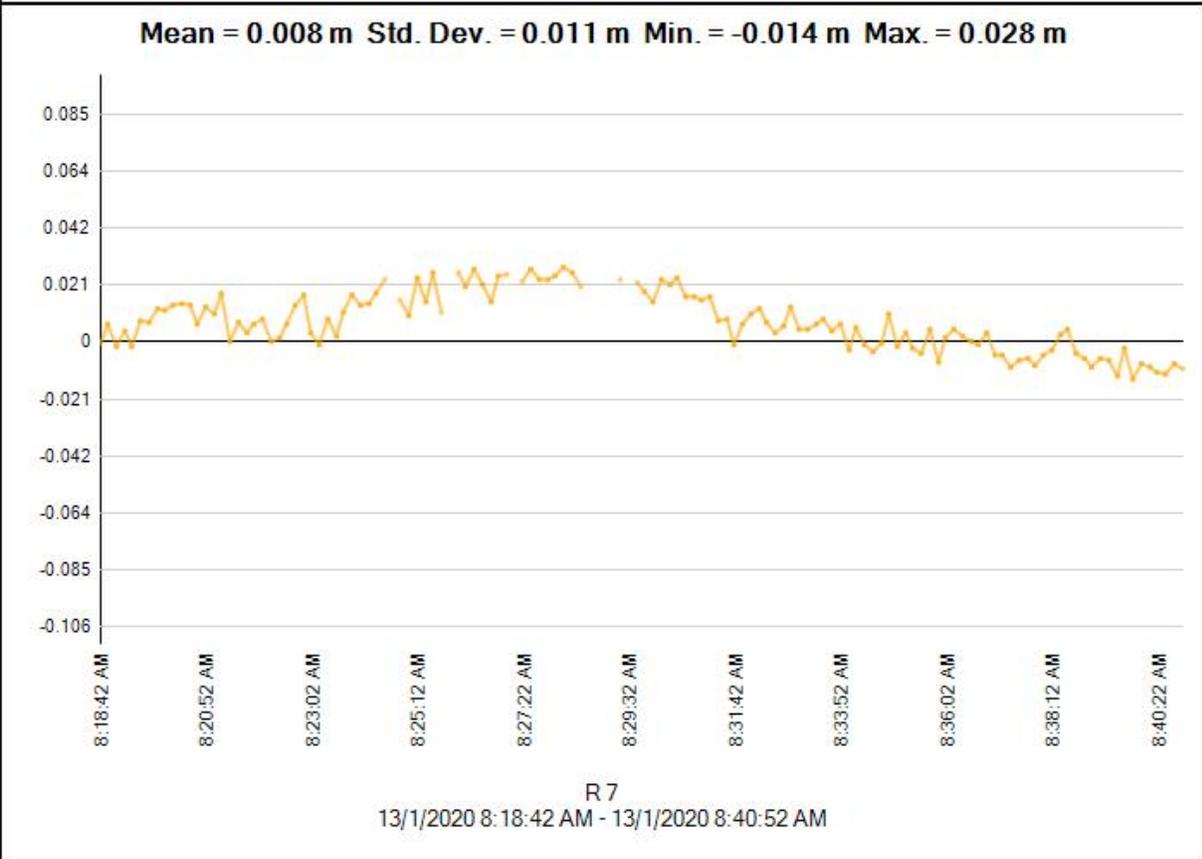
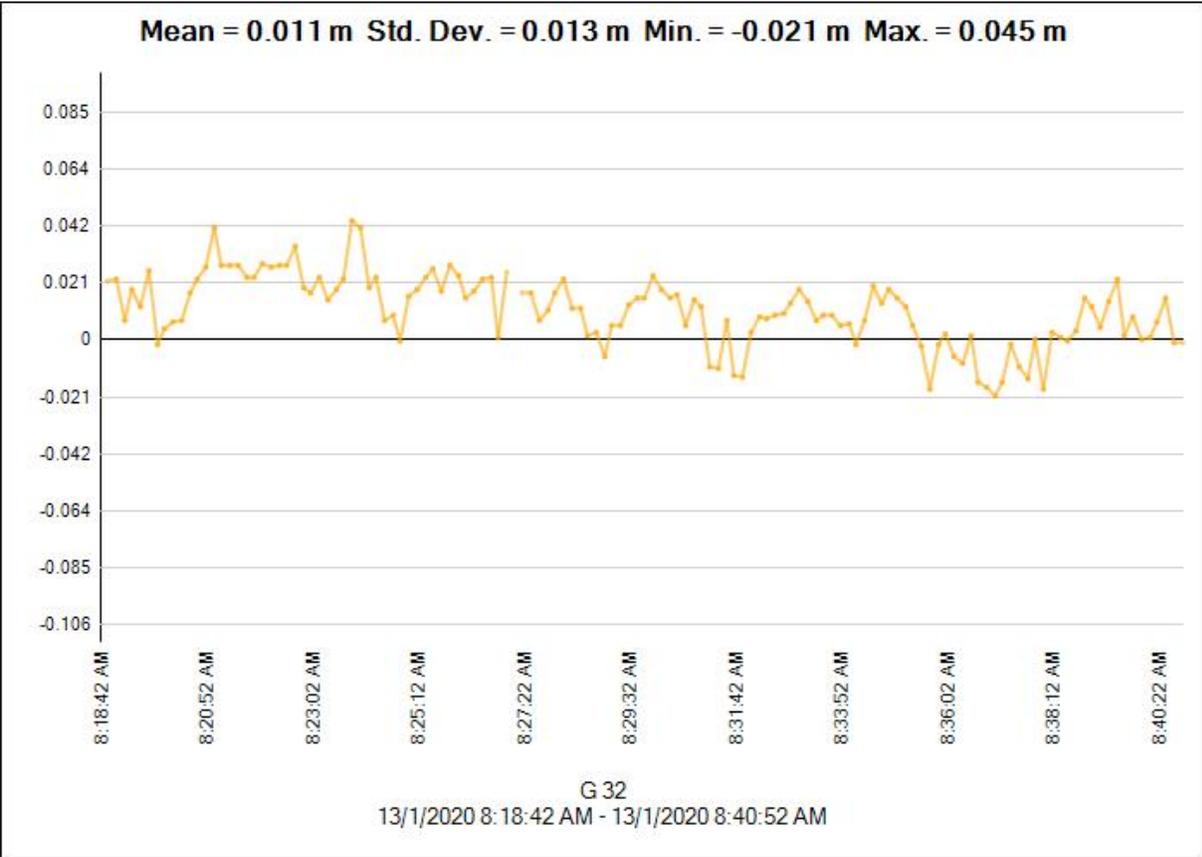


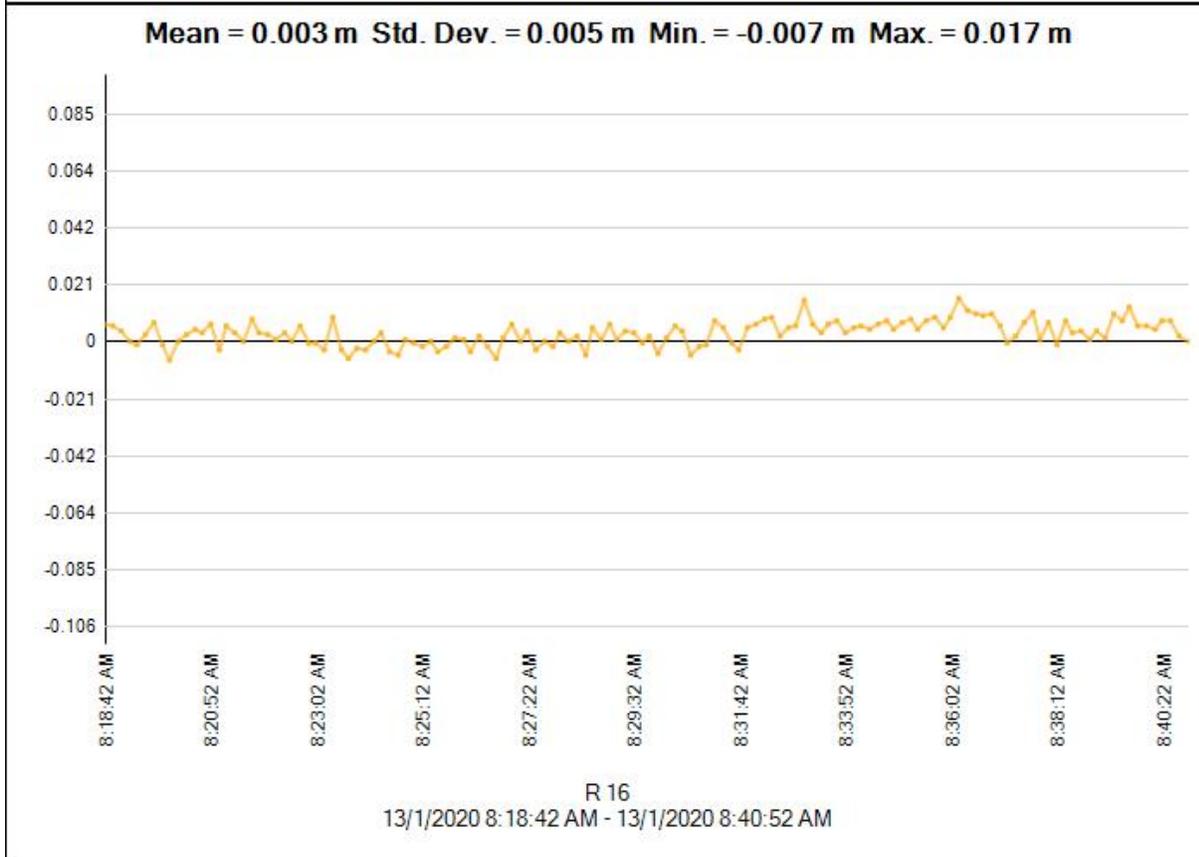
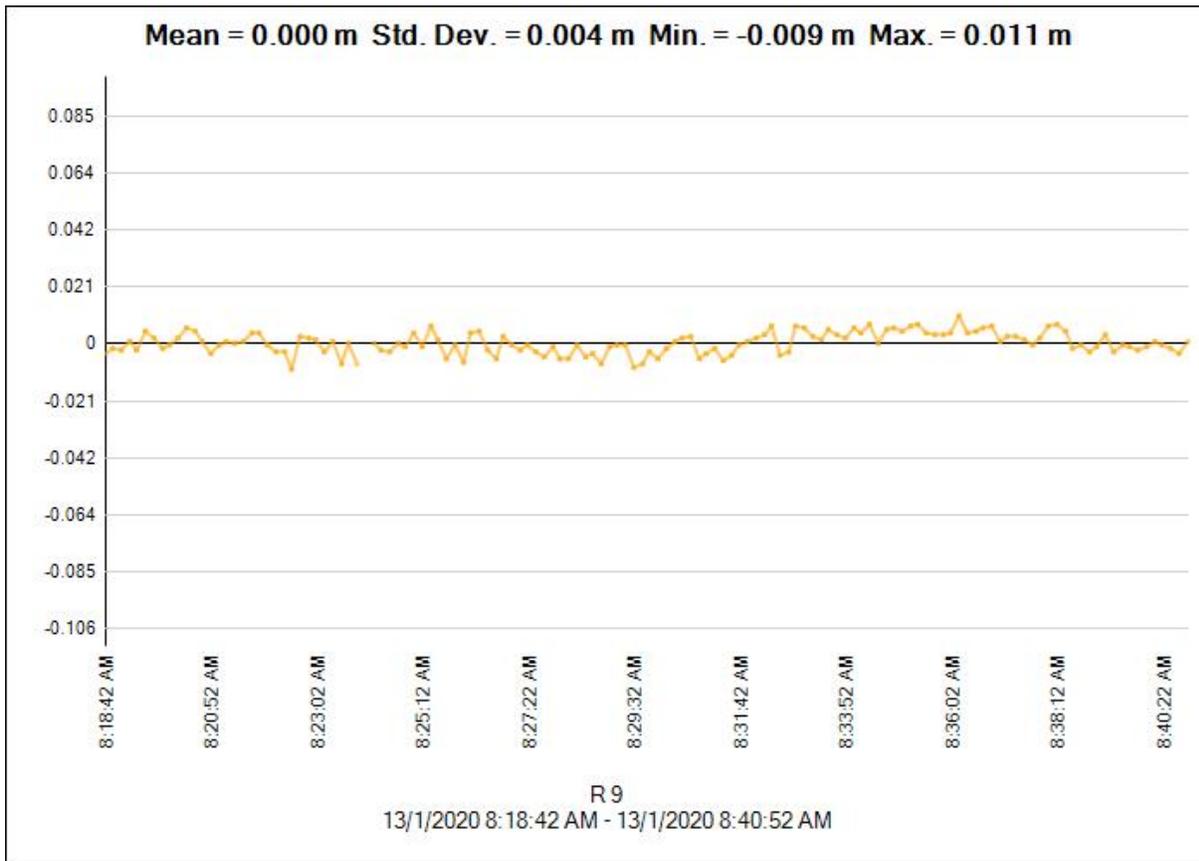
G 25
13/1/2020 8:18:42 AM - 13/1/2020 8:40:52 AM

Mean = -0.004 m Std. Dev. = 0.011 m Min. = -0.032 m Max. = 0.018 m



G 29
13/1/2020 8:18:42 AM - 13/1/2020 8:40:52 AM





Mean = -0.001 m Std. Dev. = 0.004 m Min. = -0.012 m Max. = 0.008 m



R 20
13/1/2020 8:18:42 AM - 13/1/2020 8:40:52 AM

Mean = -0.002 m Std. Dev. = 0.003 m Min. = -0.010 m Max. = 0.004 m



R 21
13/1/2020 8:18:42 AM - 13/1/2020 8:40:52 AM

Processing style

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

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

16/1/2020 10:24:06 PM	C:\Users\PC15\Desktop\Working Datum\Working Datum\SITE 5\P1\STN5.vce	Trimble Business Center
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