

Single solution report

Solution name: NCPO - 1 Solution type: Fixed
Processed at: 10/6/2020 4:49:21 PM Fix ratio: 84%
Begin time: 9/20/2020 6:53:42 PM Time span, min: 6
End time: 9/20/2020 6:59:12 PM Rec interval, sec: 0.100
Measurement used: 476 of 566 (16% discarded) RMS residual: 0.018 (m)
Used satellites: GPS (7) / GLONASS (6)
Used obs:

Ephemeris:	Broadcast	Temperature, °C:	20
Cut off angle, °:	12	Pressure, hPa:	980
Processing mode:	Auto	Humidity, %:	50

Point name:	NCPO	1
Session name:	ncpo2640.20d.Z	1_145335.jps
Receiver type:	TRIMBLE NETR5	JAVAD TRIUMPH2
Receiver number:		00764
Receiver ID:	4850K59828	026ZKOUHHLUDG2XTR8NONEXBDI
Antenna type:	TRM57971.00 NONE	JAVTRIUMPH_2A NONE
Serial number:	1441009211	
Antenna ARP height, (m)	Vertical (ARP) -0.000	Vertical (ARP) -2.125
Antenna delta N/E/H, (m)	0.000/0.000/0.000	0.000/0.000/0.000
Phase center variations:		
X, m	892412.697	863506.879
Y, m	-5154283.241	-5176293.732
Z, m	3637238.270	3613126.060
Latitude	N 34° 59' 33.20030"	N 34° 43' 38.53907"
Longitude	W 80° 10' 37.88194"	W 80° 31' 44.96297"
Height, m	83.551	132.435

DX, (m) :	-28905.8166	Sigma X, m:	0.0058
DY, (m) :	-22010.5144	Sigma Y, m:	0.0058
DZ, (m) :	-24112.2045	Sigma Z, m:	0.0058
Baseline length, (m) :	43605.1302	SL, (m) :	0.0177

Covariance matrix, (m) :				
	X	Y	Z	
X	3.339110E-005			
Y	3.208855E-005	2.250644E-004		
Z	-4.777969E-006	-6.291492E-005	5.487469E-005	

Ellipsoidal distance, (m) :	43604.44063640
Forward azimuth, °:	-132.32835812
Back azimuth, °:	47.470
Elevation angle forward, °:	-0.132
Elevation angle backward, °:	-0.260
Height difference, (m) :	48.884
