Project: KEA
Supervisor:
Date Created: 25/7/2001 17:15
Date Last Accessed: 25/7/2001 17:15
Project Directory: C:\projects\KEA
Antenna Type: Compact L1/L2 w/Ground Plane
Antenna Measurement Method: Measured to bottom of antenna mount
Antenna Group: GPSurvey
Receiver Type: 4000SSi
Coordinate System: Geographic
Zone: WGS84
Linear Unit: Meter
Timezone: Greenwich Mean Time : 0:00
Number of Stations: 3
Number of Baselines: 2
No. of Continuous Kinematic Solns: 0

**** Reference Coordinates ****

Station Short Name	Station ID	Latitude	Longitude	Height	Station Quality
KEA-T1-2001	KEA-T1	37°33'25.51199" N	024°17'53.80530" E	454.74664	Baseline Solutions
250329	250329	37°33'25.84079" N	024°17'56.04273" E	456.88100	Fixed Control

>From Station Short Name	To Station Short Name	Solution Type	Slope	Ratio	Reference Variance	Entered Ant. Ht. (From)	Entered Ant. Ht. (To)
250329	KEA-T1-2001	L1 fixed	55.888	35.8	1.062	0.230	1.365

**** SSF/SSK Solution Output Files For Selected Baselines ****

.ssf/.ssk Solution	From Station	To Station	Solution	Slope	Ratio	Reference

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**** SSF/SSK Solution Output Files For Selected Baselines ****

.ssf/.ssk Solution	From Station	To Station	Solution	Slope	Ratio	Reference

Solution Acceptability:	Passed ratio test				
Ephemeris:	Broadcast				
Met Data:	Standard				
Baseline Slope Distance Std. Dev. (meters):	55.888		0.000319		
		Forward		Backward	
Normal Section Azimuth:	259° 32' 29.674319"		79° 32' 28.310438"		
Vertical Angle:	-2° 11' 20.106642"		2° 11' 18.302714"		
Baseline Components (meters):	**dx**	**26.689**	**dy**	**-48.207**	**dz**	**-9.338**
Standard Deviations (meters):		0.000728		0.000484		0.000633
	dn	-10.137	de	-54.919	du	-2.135
		0.000333		0.000327		0.000973
					dh	-2.134
						0.000973

Aposteriori Covariance Matrix:

```
 5.293240E-007
 2.369719E-007  2.347269E-007
 3.617747E-007  1.675016E-007  4.006237E-007
```

Variance Ratio Cutoff:	35.8	1.5	
Reference Variance:	1.062		

Observable	Count/Rejected	RMS:	L1 phase	1095/8	0.004
Processor Controls:					
[General]					
Process start time:			11/7/01 08:54:45 GPS	(1122 291285)	
Process stop time:			11/7/01 09:49:00 GPS	(1122 294540)	
Elevation mask:			15 degrees		
Maximum iterations:			10		
Maximum fixable cycle slip:			600 seconds		
Ephemeris:			Broadcast		
Residuals:			Disabled		
Antenna phase correction:			Enabled		
[Observables]					
L1 phase			Enabled		
L2 phase			Enabled		
L1 C/A code			Enabled		
L2 code (encrypted)			Enabled		
[Static Network]					
Baseline generation:			User defined		
Min baseline observation time			120 seconds		
[Quality]					
Observation editing:			Edit multiplier	3.5	
Ratio test:			Cutoff	1.5	
Reference variance test:			Disabled		
[Tropo Correction]					
Model:			Hopfield		
Estimated zenith delay interval:			2 hours		
Use observed mets:			Enabled		
[Iono Correction]			Ambiguity Pass	Final Pass	
Correction:			Iono free	Iono free	
Applied to:			Static, Kinematic	Static, Kinematic	

Application threshold:	10 kilometers	5 kilometers
[Final Solution]		
Final solution type:	L1 Fixed	
[Satellites]		
Disabled		