

ACE - Year 2000, 40k data pts	X	Y	Z	Avg of Components
<i>GSE to GEI</i>				
Average Absolute Differences:	0.000546	0.000784	0.000724	0.000684
Average Percent Differences:	0.002327	0.003519	0.005413	0.003753
<i>GSE to J2000</i>				
Average Absolute Differences:	0.006684	0.000792	0.013356	0.006944
Average Percent Differences:	0.04383	0.00359	2.990254	1.012558
<i>GSE to GEO</i>				
Average Absolute Differences:	0.002525	0.002525	0.000724	0.001925
Average Percent Differences:	0.011312	0.01254	0.005413	0.009755
<i>GSE to MAG</i>				
Average Absolute Differences:	0.022724	0.019862	0.027737	0.023441
Average Percent Differences:	0.166878	0.097836	0.200235	0.154983
<i>GSE to GSE</i>				
Average Absolute Differences:	0	0	0	0
Average Percent Differences:	0	0	0	0
<i>GSE to GSM</i>				
Average Absolute Differences:	0	0.002083	0.003129	0.001737
Average Percent Differences:	0	0.047976	0.152363	0.06678
<i>GSE to SM</i>				
Average Absolute Differences:	0.008225	0.002083	0.027737	0.012681
Average Percent Differences:	0.003808	0.047976	0.200235	0.084006

Tests performed on 2004/12/01 using CXFORM v0.6

Absolute differences: $ABS((SSCWeb\ result) - (CXFORM\ result))$

Percent differences: $ABS(100.0 - ((SSCWeb\ result)/(CXFORM\ result))*100.0)$

Averages taken from approx 40000 data points (position in Re) over the course of the specified year.
Source coordinate system was taken to be GSE.

CXFORM: http://nssdcftp.gsfc.nasa.gov/selected_software/coordinate_transform/

SSCWeb: <http://sscweb.gsfc.nasa.gov/>