

IMP-8 - Year 2003, 40k data pts	X	Y	Z	Avg of Components
<i>GSE to GEI</i>				
Average Absolute Differences:	0.00009875	6.38E-05	0.000113	9.18333E-05
Average Percent Differences:	0.003731	0.001523	0.003985	0.003079667
<i>GSE to J2000</i>				
Average Absolute Differences:	0.0107055	6.45E-05	0.011082	0.007284
Average Percent Differences:	0.125345	0.002599	0.11841	0.082117833
<i>GSE to GEO</i>				
Average Absolute Differences:	0.0003615	0.000362	0.000113	0.000278667
Average Percent Differences:	0.01645325	0.014096	0.003985	0.011511417
<i>GSE to MAG</i>				
Average Absolute Differences:	0.01506775	0.014976	0.004868	0.011637
Average Percent Differences:	0.586452	0.542108	0.19031	0.439623167
<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	0.002707	0.003261	0.001989333
Average Percent Differences:	0	0.069917	0.119013	0.0629765
<i>GSE to SM</i>				
Average Absolute Differences:	0.0028205	0.002707	0.004868	0.003465083
Average Percent Differences:	0.08431625	0.069917	0.19031	0.114847417

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/>