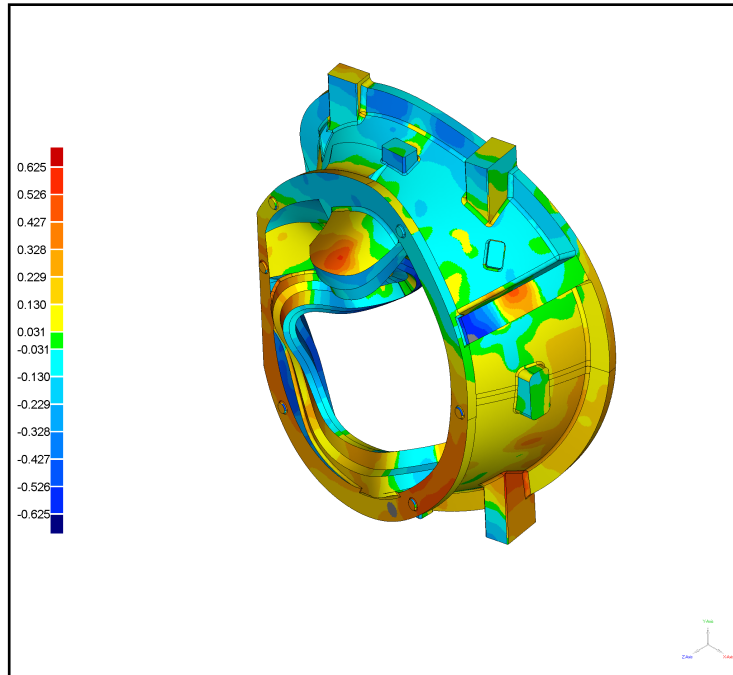


### Qualify Report

Title: B2-AR  
Date: 4/5/2006, 1:40 pm



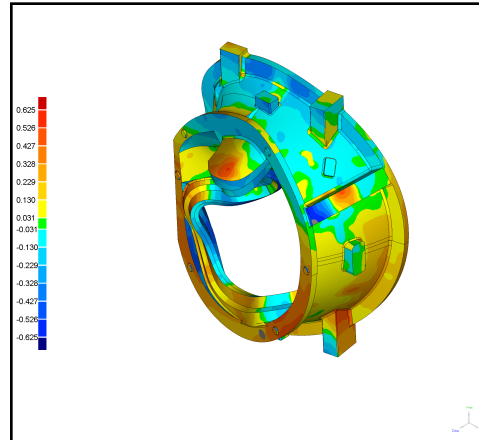
Author: Steve Pilgram  
Part: B2 Coil  
Test: Merged Points 4

### 3D Comparison Results

Reference Model	coil-b-less-shrink
Test Model	Merged Points 4
# Data Points	1176810

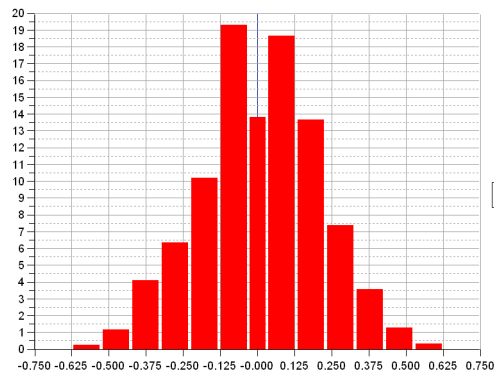
Tolerances	in
Max Tol +	0.625
Min Tol +	0.031
Min Tol -	-0.031
Max Tol -	-0.625

Deviation	in
Max Dev +	0.625
Max Dev -	-0.625
Average +/-	0.157 / -0.151
Std Dev	0.196



#### Percentage Deviations

>=Min	<Max	# Points	%
-0.625	-0.526	2923	0.248
-0.526	-0.427	13598	1.155
-0.427	-0.328	48012	4.080
-0.328	-0.229	74700	6.348
-0.229	-0.130	120139	10.209
-0.130	-0.031	227147	19.302
-0.031	0.031	162449	13.804
0.031	0.130	219488	18.651
0.130	0.229	160798	13.664
0.229	0.328	86532	7.353
0.328	0.427	41940	3.564
0.427	0.526	15072	1.281
0.526	0.625	4012	0.341

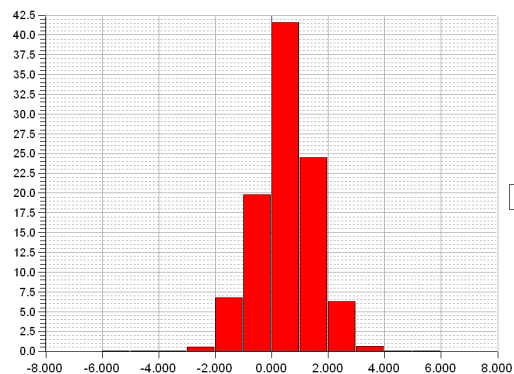


Deviation Distribution

Out of Max Tol +	0	0.000
Out of Max Tol -	0	0.000

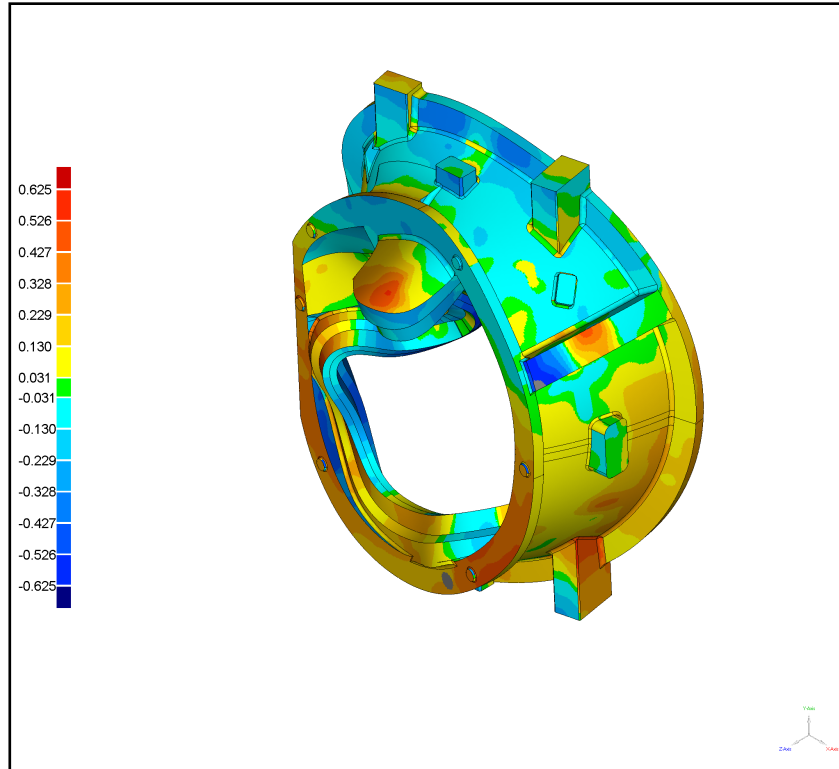
#### Standard Deviations

Distribution (+/-)	# Points	%
-6 * Std Dev	0	0.000
-5 * Std Dev	0	0.000
-4 * Std Dev	0	0.000
-3 * Std Dev	5717	0.486
-2 * Std Dev	79229	6.733
-1 * Std Dev	233172	19.814
1 * Std Dev	489011	41.554
2 * Std Dev	288342	24.502
3 * Std Dev	73993	6.288
4 * Std Dev	7346	0.624
5 * Std Dev	0	0.000
6 * Std Dev	0	0.000

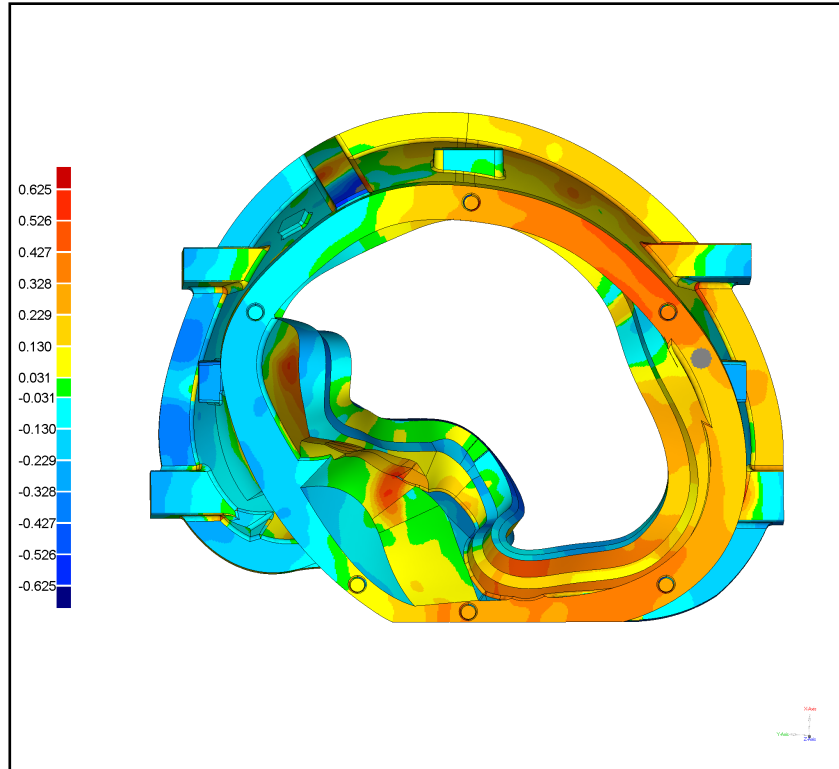


Standard Deviations

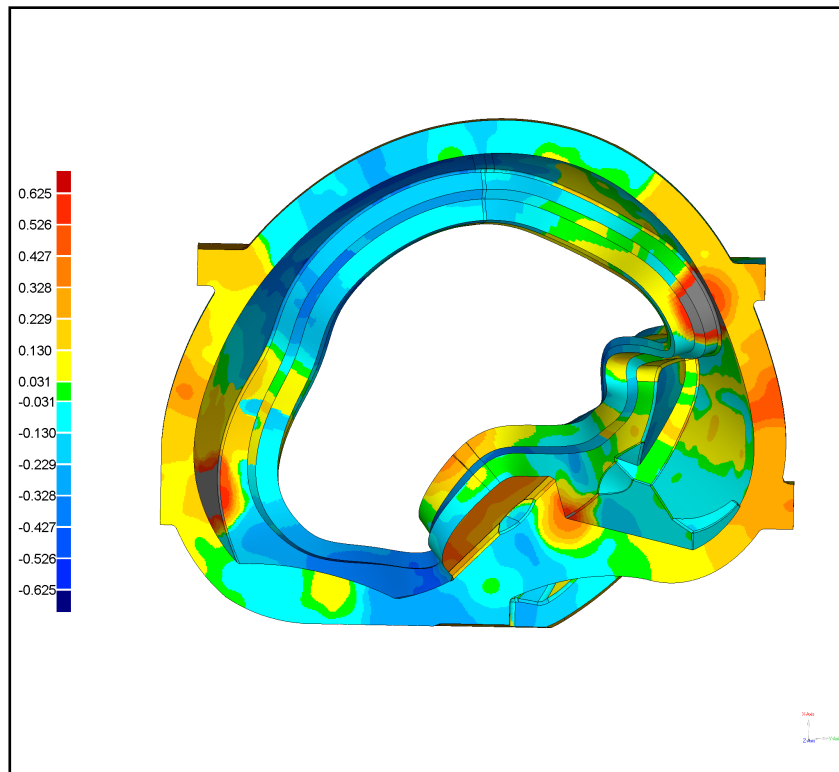
Predefined: Isometric



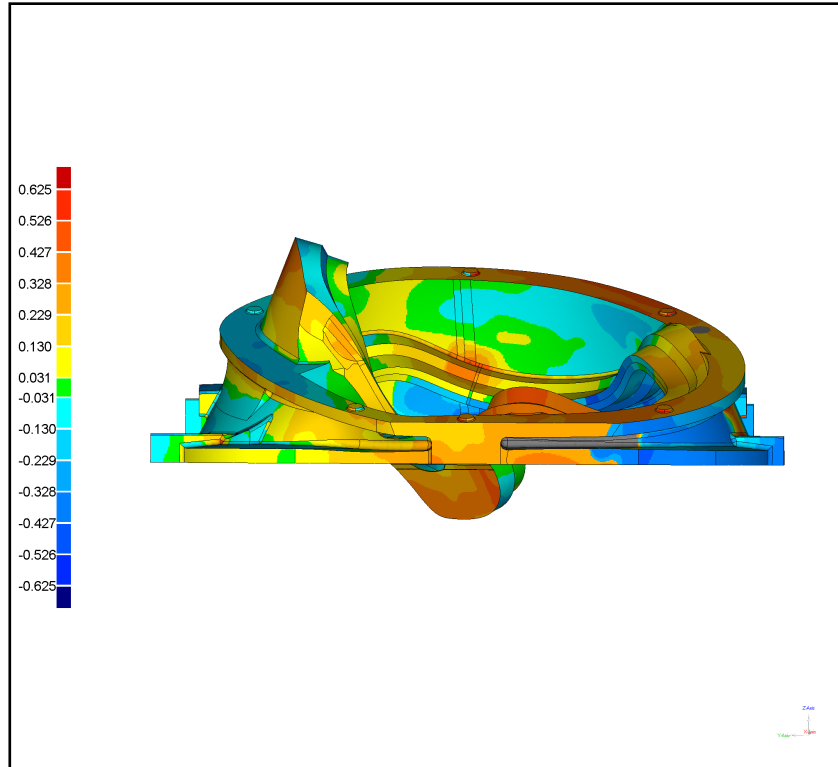
UserDefined: top



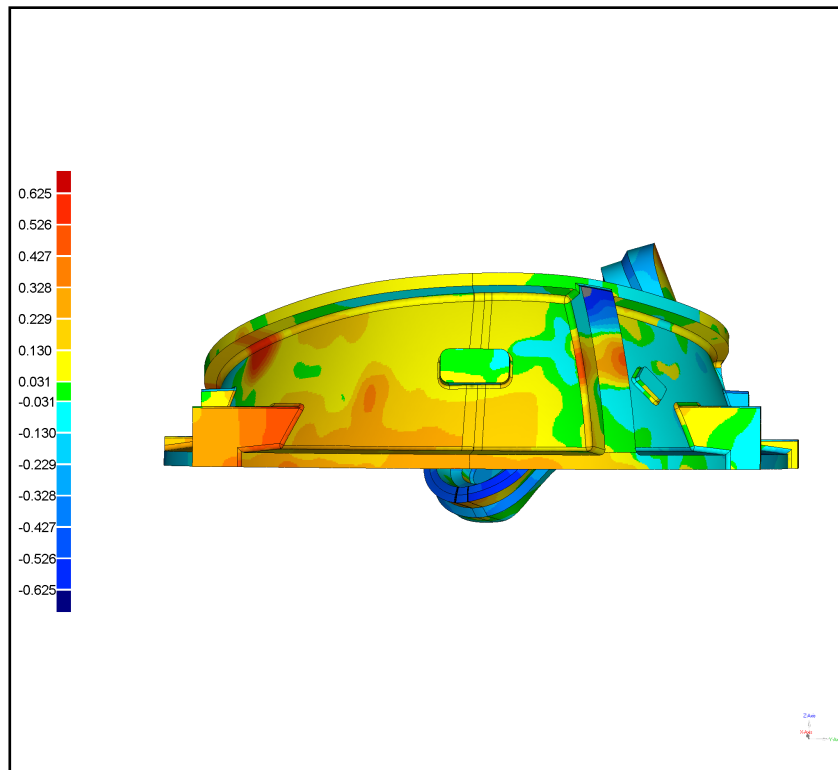
UserDefined: bottom



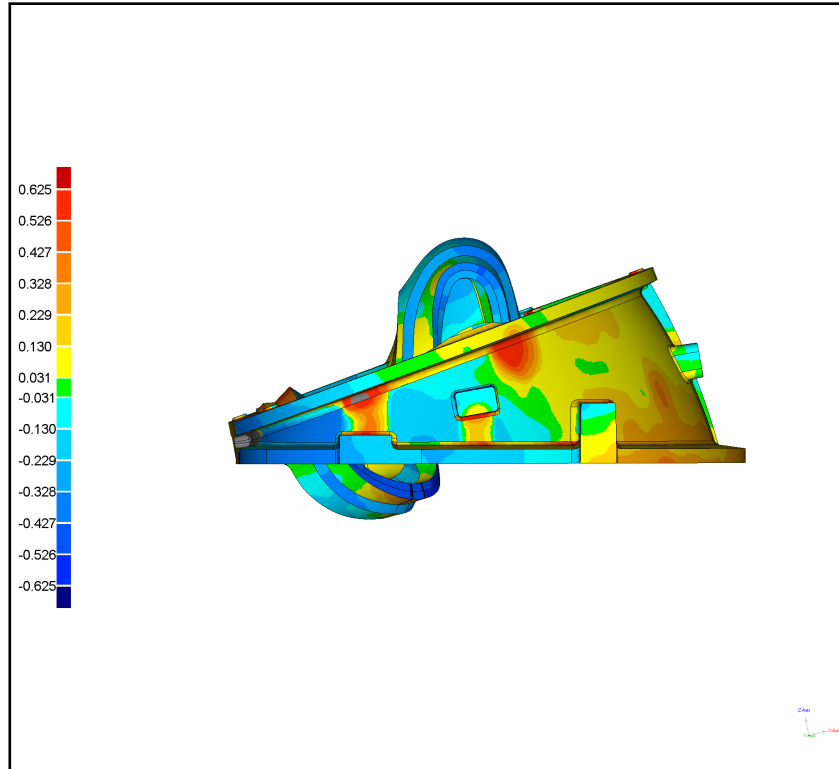
UserDefined: front



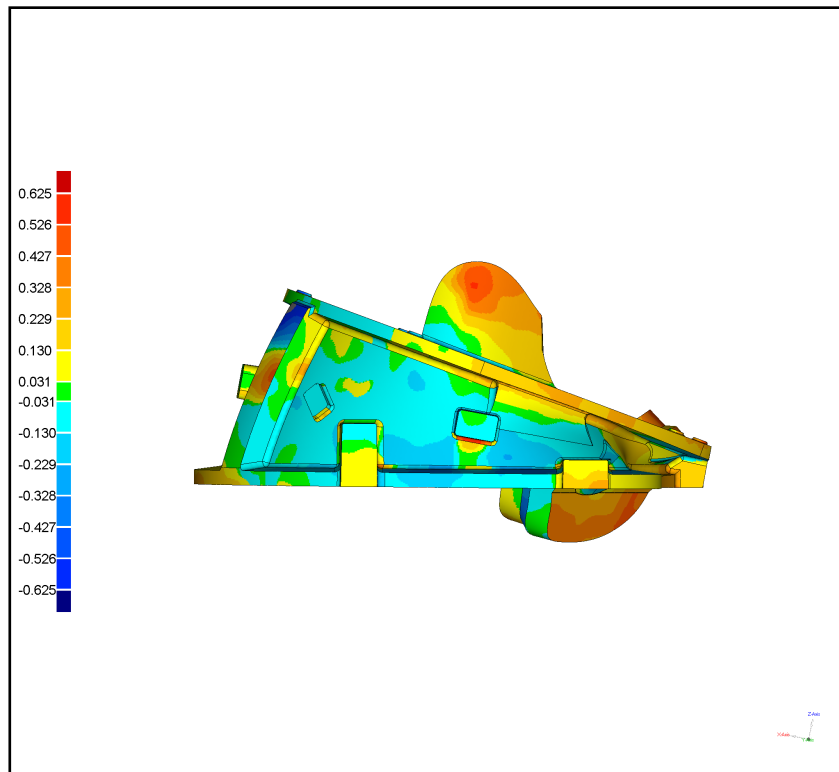
UserDefined: back



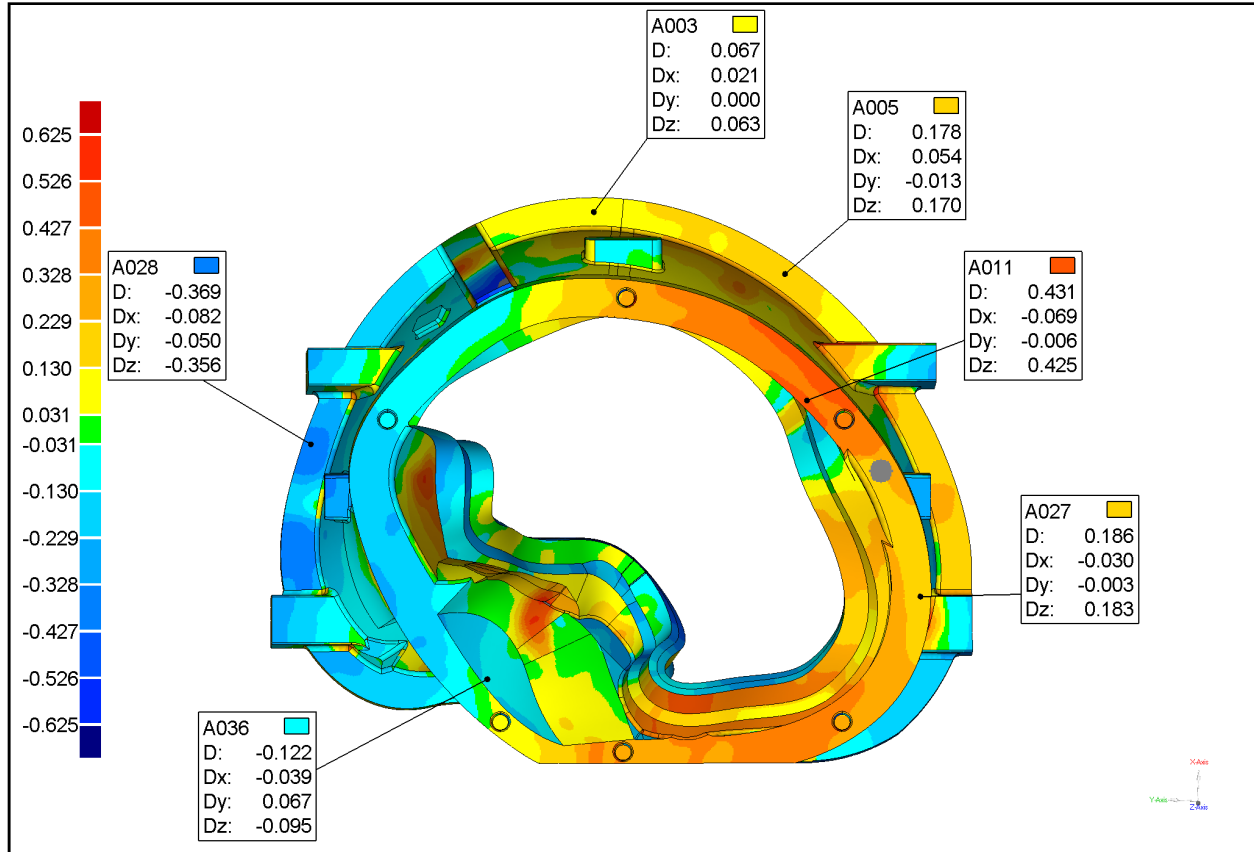
UserDefined: right



UserDefined: left



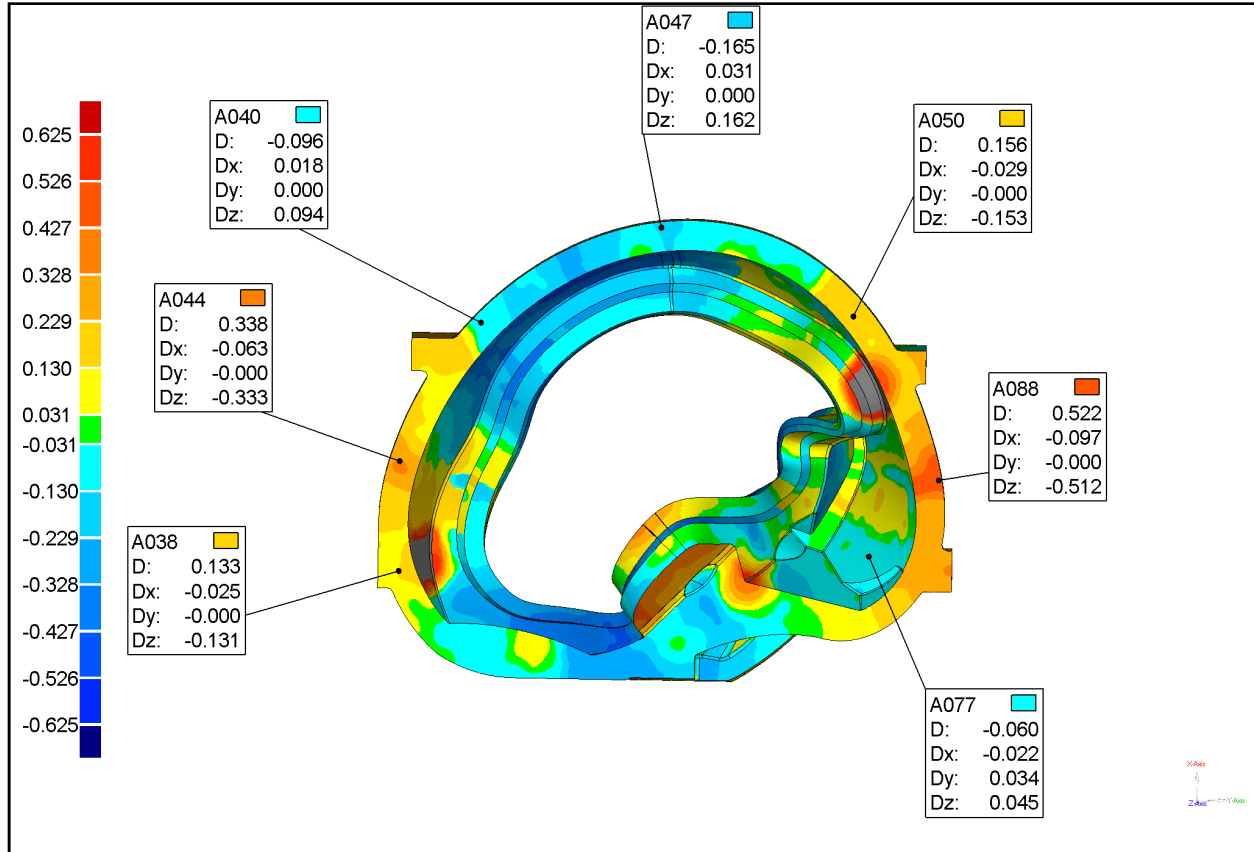
**Annotated: Annotation View 1**



Units: in

Name	Dev	Status	Tol +	Tol -	Ref X	Ref Y	Ref Z	Dev Radius	Dev X	Dev Y	Dev Z	Test X	Test Y	Test Z
A003	0.067				81.730	-16.303	-19.835	0.039	0.021	0.000	0.063	81.751	-16.303	-19.772
A005	0.178				73.487	-46.812	-18.276	0.039	0.054	-0.013	0.170	73.541	-46.825	-18.107
A011	0.431				56.078	-50.451	10.037	0.039	-0.069	-0.006	0.425	56.008	-50.458	10.462
A027	0.186				25.541	-69.900	4.776	0.039	-0.030	-0.003	0.183	25.511	-69.903	4.959
A028	-0.369				43.695	26.656	-12.819	0.039	-0.082	-0.050	-0.356	43.613	26.606	-13.175
A036	-0.122				9.210	-2.473	2.286	0.039	-0.039	0.067	-0.095	9.171	-2.407	2.191

**Annotated: Annotation View 2**

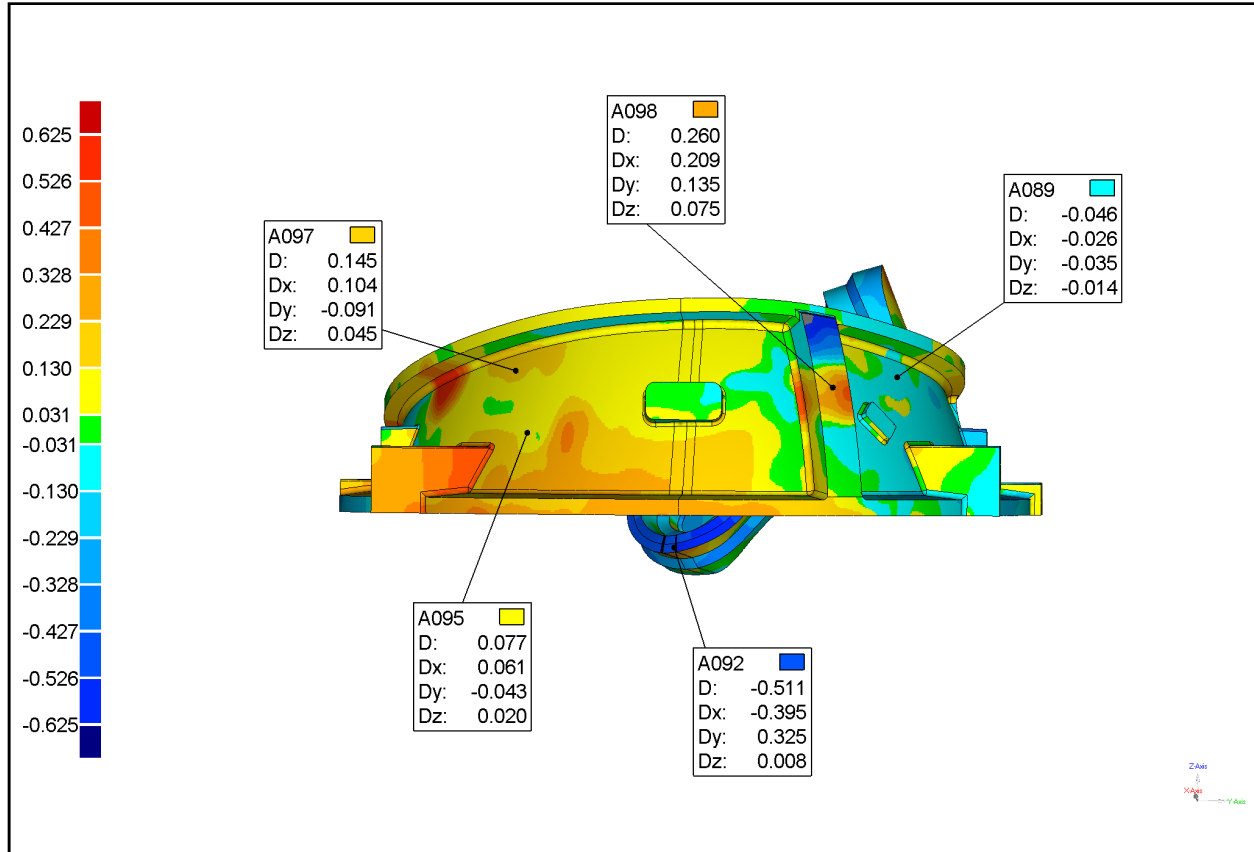


Units: in

Name	Dev	Status	Tol +	Tol -	Ref X	Ref Y	Ref Z	Dev Radius	Dev X	Dev Y	Dev Z	Test X	Test Y	Test Z
A038	0.133				18.435	-74.623	-10.645	0.039	-0.025	-0.000	-0.131	18.410	-74.623	-10.775
A040	-0.096				65.181	-57.484	-19.528	0.039	0.018	0.000	0.094	65.199	-57.484	-19.434
A044	0.338				39.304	-73.836	-14.604	0.039	-0.063	-0.000	-0.333	39.241	-73.836	-14.937
A047	-0.165				82.322	-22.300	-22.813	0.039	0.031	0.000	0.162	82.353	-22.299	-22.651
A050	0.156				64.440	14.121	-19.456	0.039	-0.029	-0.000	-0.153	64.411	14.121	-19.609
A077	-0.060				19.237	15.767	-3.673	0.039	-0.022	0.034	0.045	19.215	15.800	-3.628
A088	0.522				32.870	29.598	-13.483	0.039	-0.097	-0.000	-0.512	32.773	29.597	-13.995



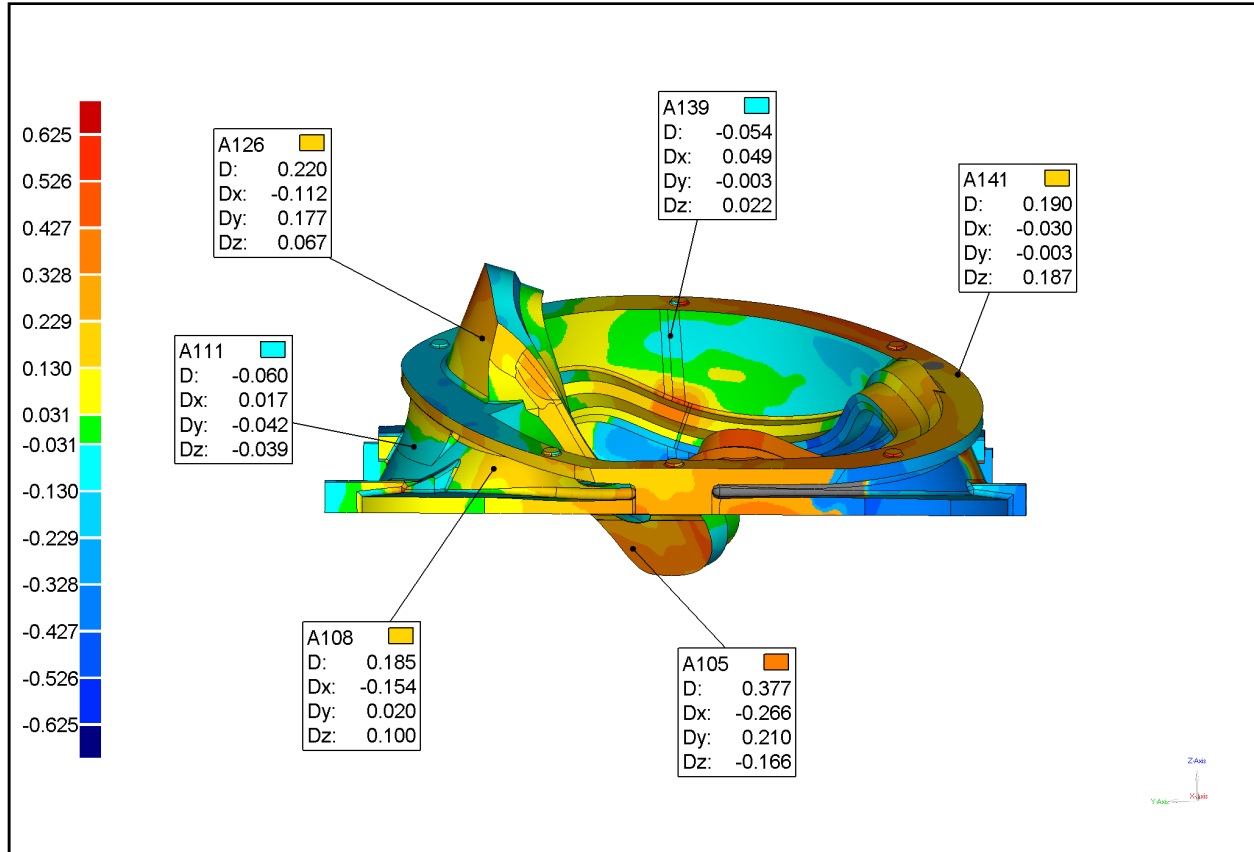
**Annotated: Annotation View 3**



Units: in

Name	Dev	Status	Tol +	Tol -	Ref X	Ref Y	Ref Z	Dev Radius	Dev X	Dev Y	Dev Z	Test X	Test Y	Test Z
A089	-0.046				56.595	11.379	4.146	0.039	-0.026	-0.035	-0.014	56.569	11.344	4.132
A092	-0.511				27.448	-25.361	-17.891	0.039	-0.395	0.325	0.008	27.054	-25.036	-17.883
A095	0.077				67.410	-46.074	-6.989	0.039	0.061	-0.043	0.020	67.471	-46.117	-6.969
A097	0.145				61.312	-48.496	4.024	0.039	0.104	-0.091	0.045	61.416	-48.587	4.069
A098	0.260				74.693	2.499	-0.880	0.039	0.209	0.135	0.075	74.902	2.634	-0.805

**Annotated: Annotation View 4**



Units: in

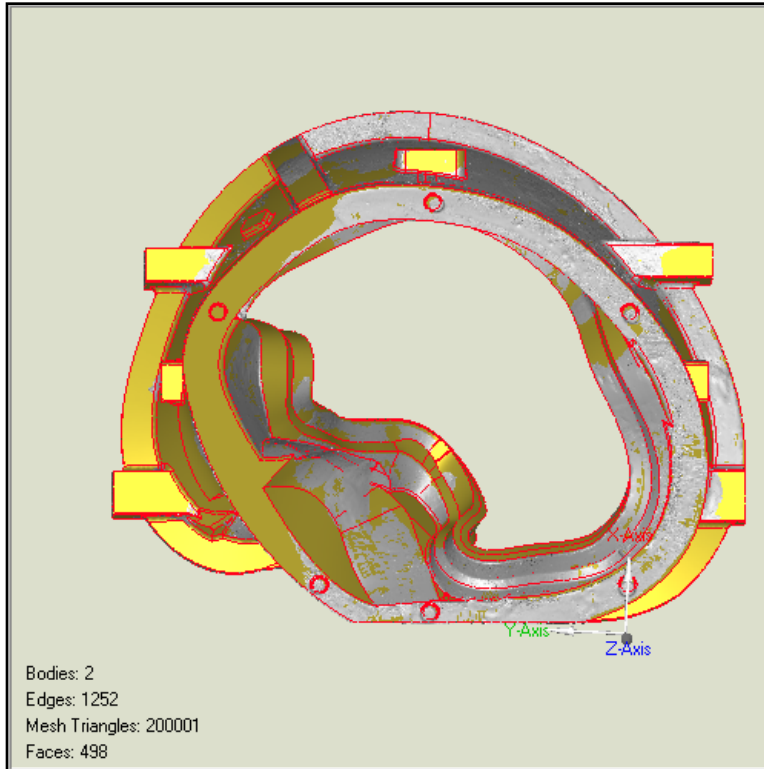
Name	Dev	Status	Tol +	Tol -	Ref X	Ref Y	Ref Z	Dev Radius	Dev X	Dev Y	Dev Z	Test X	Test Y	Test Z
A105	0.377				19.929	-16.615	-16.604	0.039	-0.266	0.210	-0.166	19.663	-16.404	-16.770
A108	0.185				11.207	4.769	-2.236	0.039	-0.154	0.020	0.100	11.053	4.789	-2.136
A111	-0.060				24.315	18.096	-1.325	0.039	0.017	-0.042	-0.039	24.332	18.054	-1.364
A126	0.220				31.584	7.652	14.689	0.039	-0.112	0.177	0.067	31.471	7.829	14.756
A139	-0.054				70.194	-19.818	7.820	0.039	0.049	-0.003	0.022	70.243	-19.821	7.842
A141	0.190				41.490	-66.735	7.418	0.039	-0.030	-0.003	0.187	41.460	-66.737	7.606

**Annotated: All**

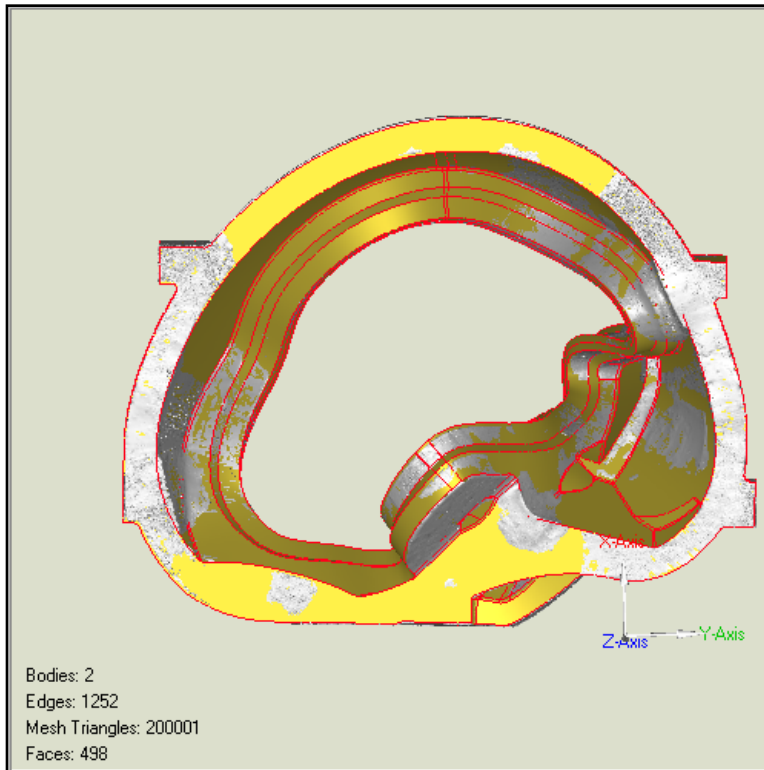
Units: in

Name	Dev	Status	Tol +	Tol -	Ref X	Ref Y	Ref Z	Dev Radius	Dev X	Dev Y	Dev Z	Test X	Test Y	Test Z
A003	0.067				81.730	-16.303	-19.835	0.039	0.021	0.000	0.063	81.751	-16.303	-19.772
A005	0.178				73.487	-46.812	-18.276	0.039	0.054	-0.013	0.170	73.541	-46.825	-18.107
A011	0.431				56.078	-50.451	10.037	0.039	-0.069	-0.006	0.425	56.008	-50.458	10.462
A027	0.186				25.541	-69.900	4.776	0.039	-0.030	-0.003	0.183	25.511	-69.903	4.959
A028	-0.369				43.695	26.656	-12.819	0.039	-0.082	-0.050	-0.356	43.613	26.606	-13.175
A036	-0.122				9.210	-2.473	2.286	0.039	-0.039	0.067	-0.095	9.171	-2.407	2.191
A038	0.133				18.435	-74.623	-10.645	0.039	-0.025	-0.000	-0.131	18.410	-74.623	-10.775
A040	-0.096				65.181	-57.484	-19.528	0.039	0.018	0.000	0.094	65.199	-57.484	-19.434
A044	0.338				39.304	-73.836	-14.604	0.039	-0.063	-0.000	-0.333	39.241	-73.836	-14.937
A047	-0.165				82.322	-22.300	-22.813	0.039	0.031	0.000	0.162	82.353	-22.299	-22.651
A050	0.156				64.440	14.121	-19.456	0.039	-0.029	-0.000	-0.153	64.411	14.121	-19.609
A077	-0.060				19.237	15.767	-3.673	0.039	-0.022	0.034	0.045	19.215	15.800	-3.628
A088	0.522				32.870	29.598	-13.483	0.039	-0.097	-0.000	-0.512	32.773	29.597	-13.995
A089	-0.046				56.595	11.379	4.146	0.039	-0.026	-0.035	-0.014	56.569	11.344	4.132
A092	-0.511				27.448	-25.361	-17.891	0.039	-0.395	0.325	0.008	27.054	-25.036	-17.883
A095	0.077				67.410	-46.074	-6.989	0.039	0.061	-0.043	0.020	67.471	-46.117	-6.969
A097	0.145				61.312	-48.496	4.024	0.039	0.104	-0.091	0.045	61.416	-48.587	4.069
A098	0.260				74.693	2.499	-0.880	0.039	0.209	0.135	0.075	74.902	2.634	-0.805
A105	0.377				19.929	-16.615	-16.604	0.039	-0.266	0.210	-0.166	19.663	-16.404	-16.770
A108	0.185				11.207	4.769	-2.236	0.039	-0.154	0.020	0.100	11.053	4.789	-2.136
A111	-0.060				24.315	18.096	-1.325	0.039	0.017	-0.042	-0.039	24.332	18.054	-1.364
A126	0.220				31.584	7.652	14.689	0.039	-0.112	0.177	0.067	31.471	7.829	14.756
A139	-0.054				70.194	-19.818	7.820	0.039	0.049	-0.003	0.022	70.243	-19.821	7.842
A141	0.190				41.490	-66.735	7.418	0.039	-0.030	-0.003	0.187	41.460	-66.737	7.606

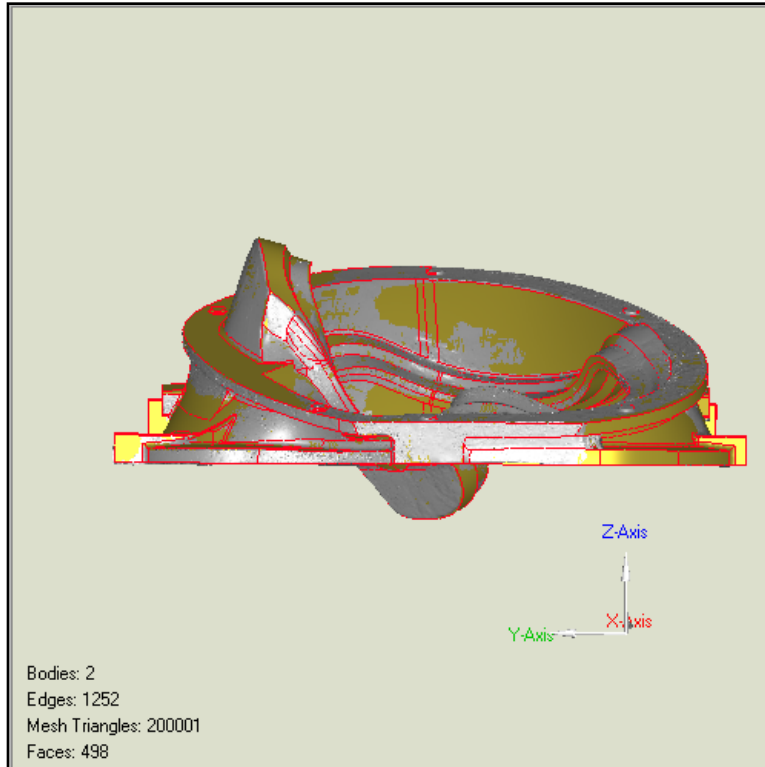
**Snapshots: Snapshot 1**



**Snapshots: Snapshot 2**



### Snapshots: Snapshot 3



### Snapshots: Snapshot 4

