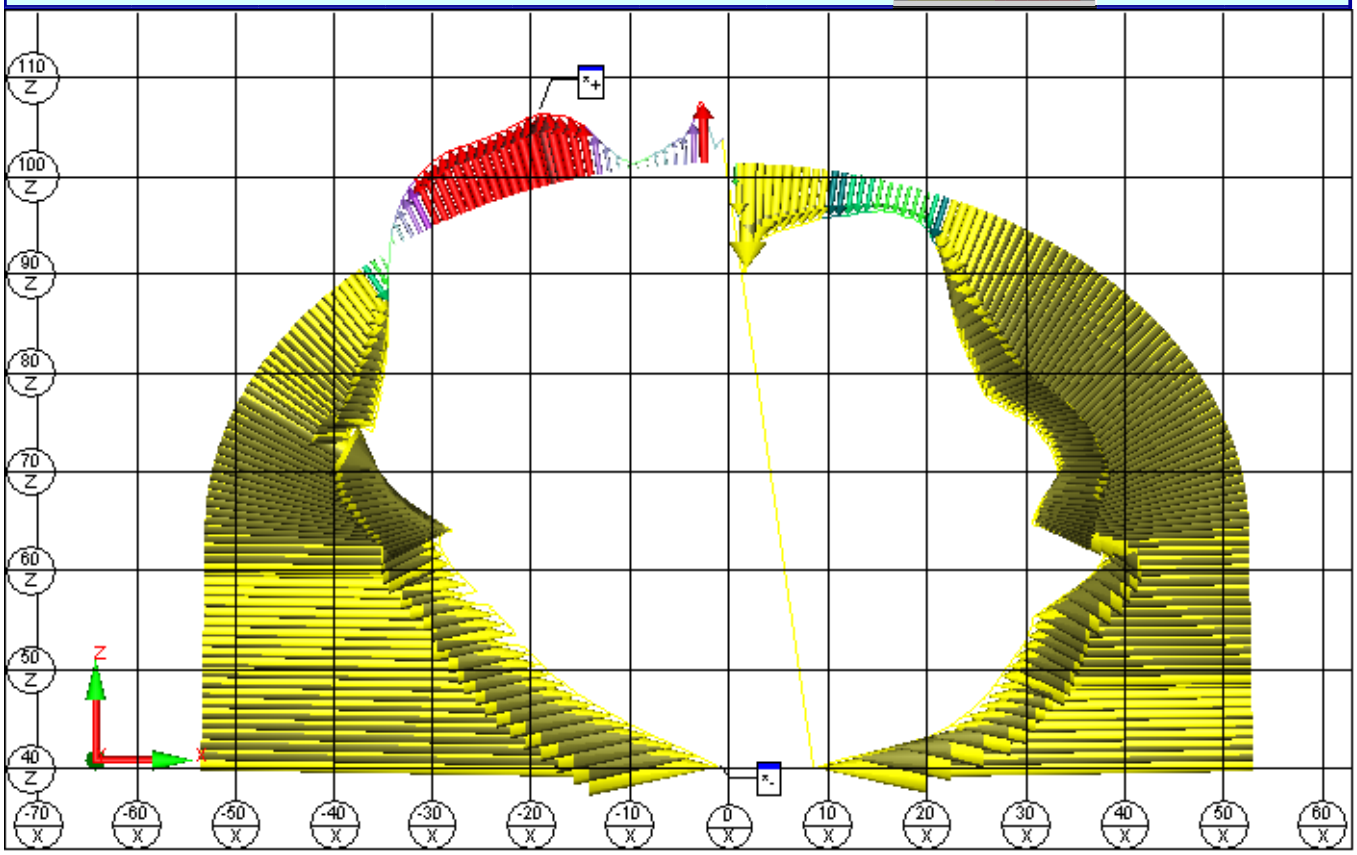
pc-dmis	PART NAME : IHEP_SINGLE_CELL1	July 23, 2012	15:13
	REV NUMBER :	SER NUMBER :	STATS COUNT : 1

IHEP-02 1.3 GHz LARGE GRAIN LOW LOSS SINGLE CELL CAVITY

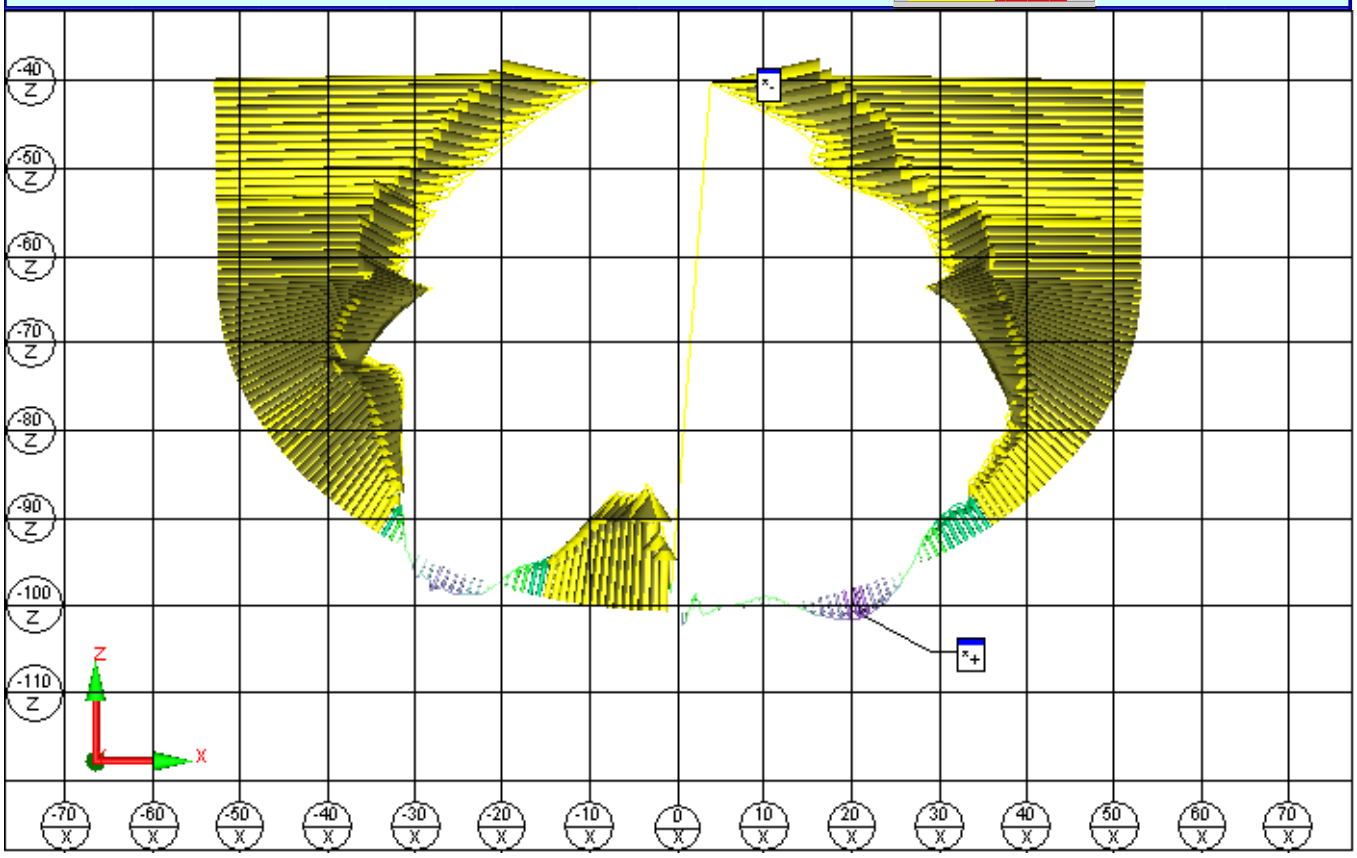
RF#94715 SAMPLE#1
INSPECTOR: O. LIRA

FCFPROF1	MM	0.2	FORMONLY LEAST_SQR					
Feature	+TOL	-TOL	MEAS	DEV	OUTTOL	BONUS	MAX	MIN
Set	0.200	0.000	1.194	1.194	0.994		0.146	-1.048



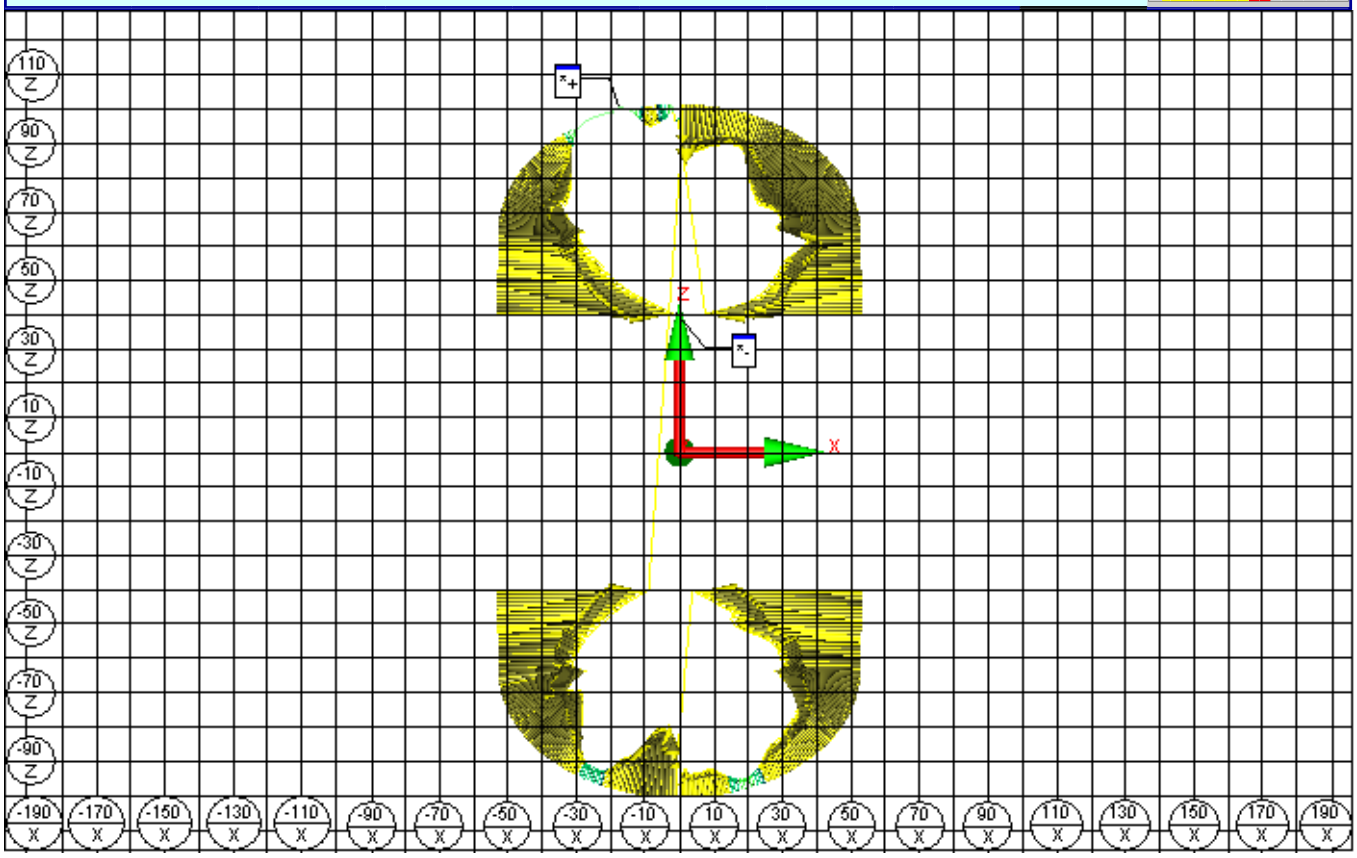
BESTFIT PROFILE TOP SCANS- LEFT (L4) AND RIGHT (L3) EXAGGERATION X 50 EACH SQUARE= .200MM

FCFPROF2	MM	0.2	FORMONLY LEAST_SQR						
Feature	+TOL	-TOL	MEAS	DEV	OUTTOL	BONUS		MAX	MIN
Set	0.200	0.000	1.065	1.065	0.893			0.073	-0.993



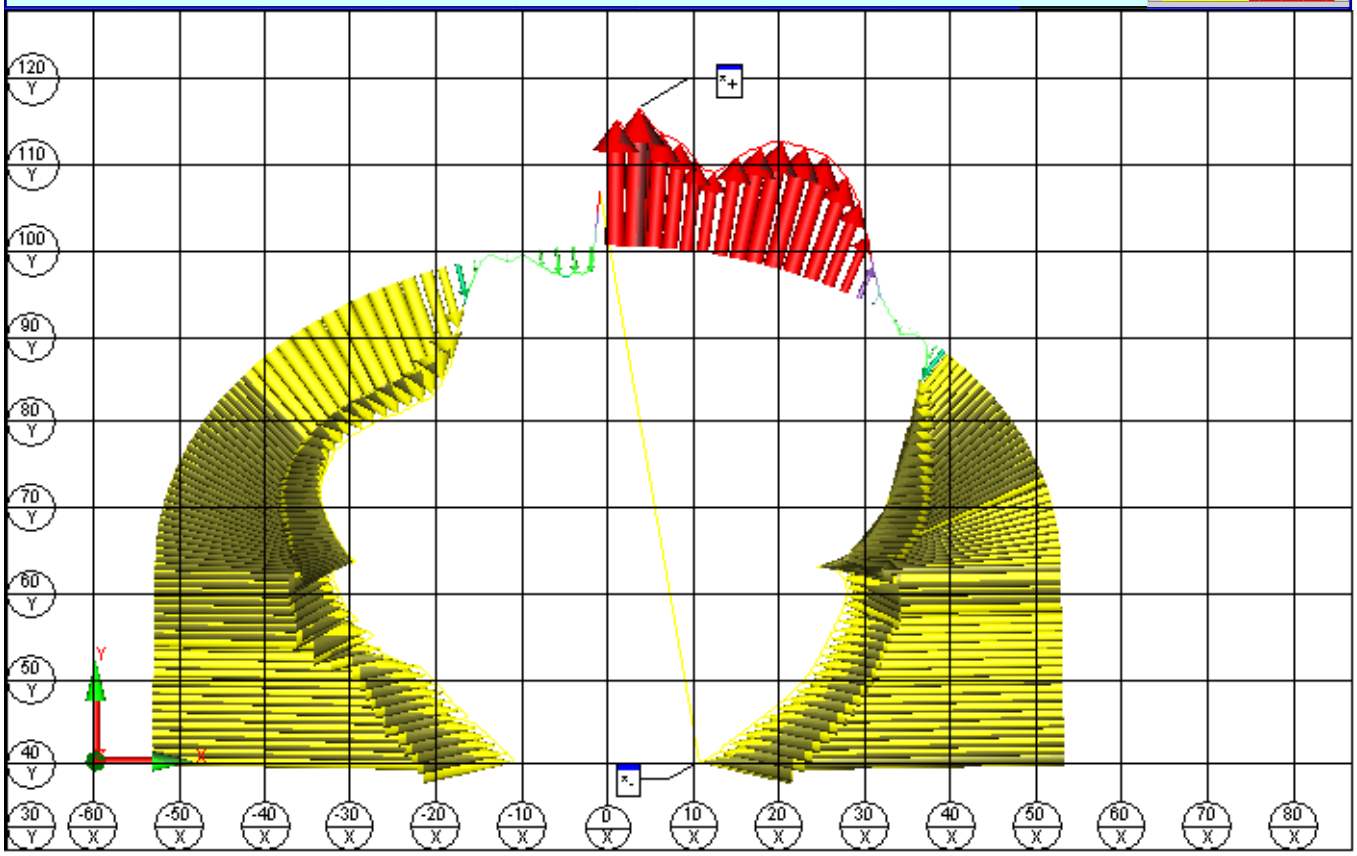
BESTFIT PROFILE BOTTOM SCANS- LEFT (L4) AND RIGHT (L3) EXAGGERATION X 50 EACH SQUARE= .200MM

FCFPROF3	MM	⌓ 0.2	FORMONLY LEAST_SQR					
Feature	MEAS	+TOL	-TOL	OUTTOL	DEV	MAX	MIN	BONUS
Set	1.050	0.200	0.000	0.928	1.050	0.022	-1.028	



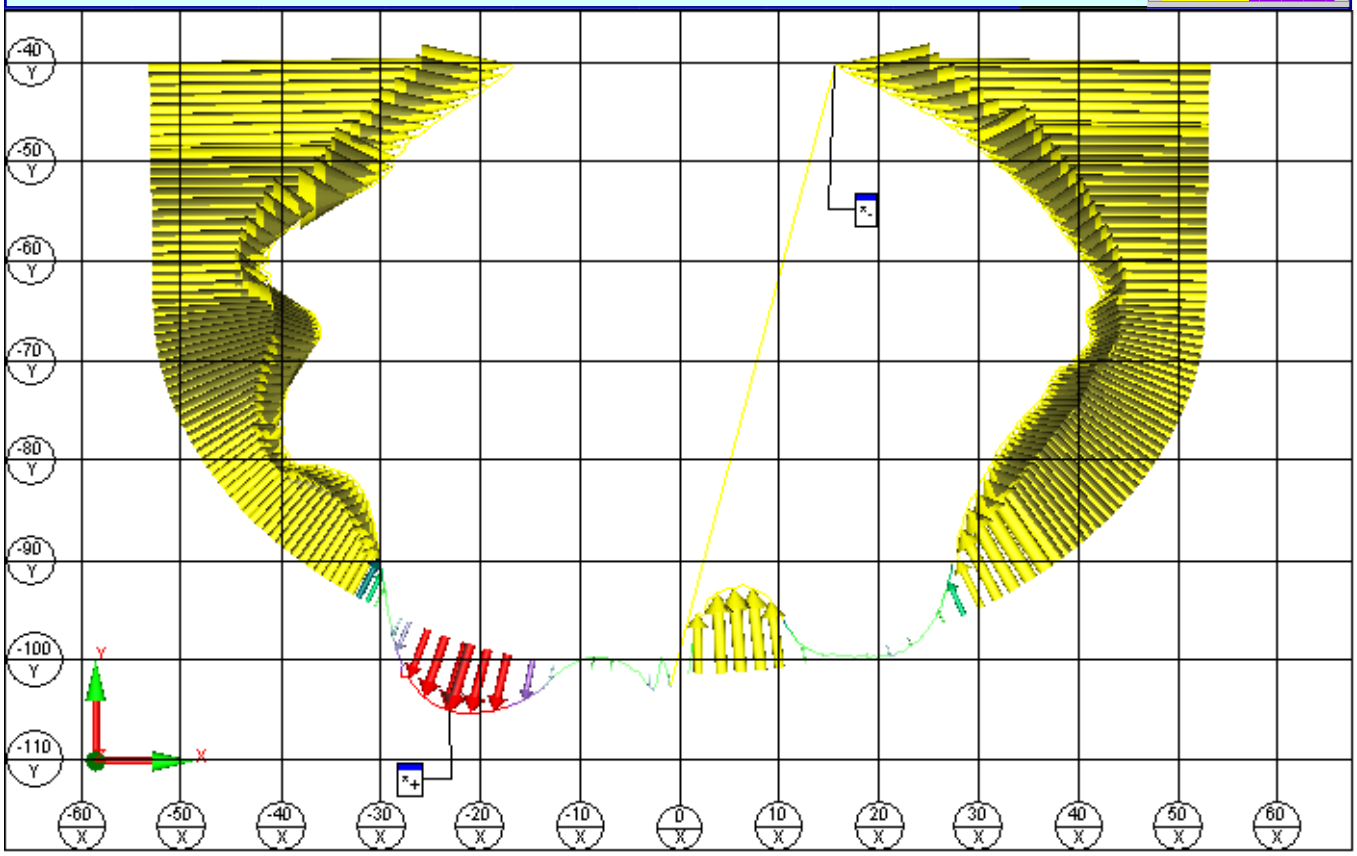
BESTFIT PROFILE TOP AND BOTTOM SCANS- LEFT (L4) AND RIGHT (L3) EXAGGERATION X 50 EACH SQUARE= .200MM

FCFPROF4	MM	0.2	FORMONLY LEAST_SQR					
Feature	MEAS	+TOL	-TOL	OUTTOL	DEV	MAX	MIN	BONUS
Set	1.171	0.200	0.000	0.971	1.171	0.321	-0.851	



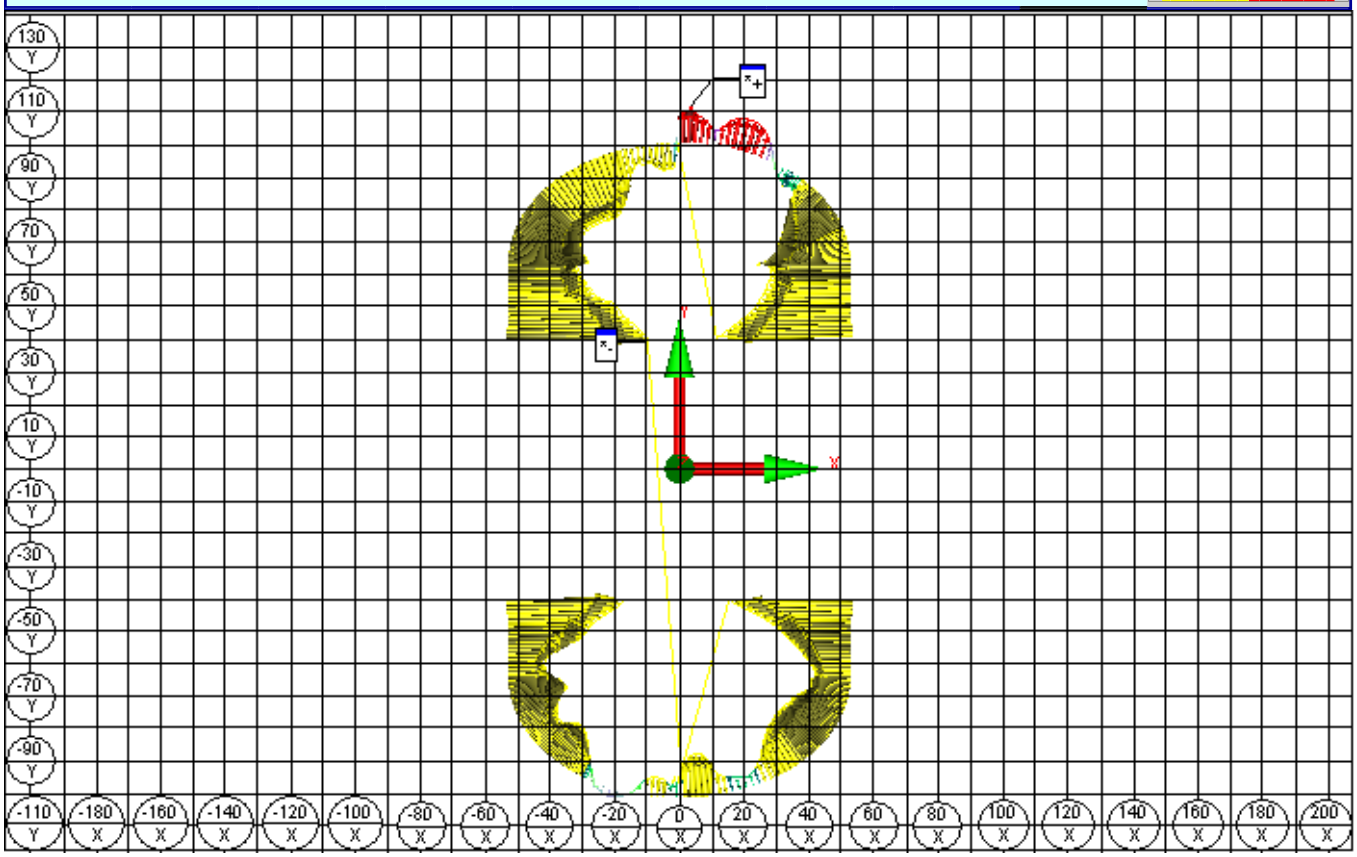
BESTFIT PROFILE BACK SCANS- LEFT (L4) AND RIGHT (L3) EXAGGERATION X 50 EACH SQUARE= .200MM

FCFPROF5	MM	0.2	FORMONLY LEAST_SQR					
Feature	MEAS	+TOL	-TOL	OUTTOL	DEV	MAX	MIN	BONUS
Set	0.894	0.200	0.000	0.694	0.894	0.142	-0.752	



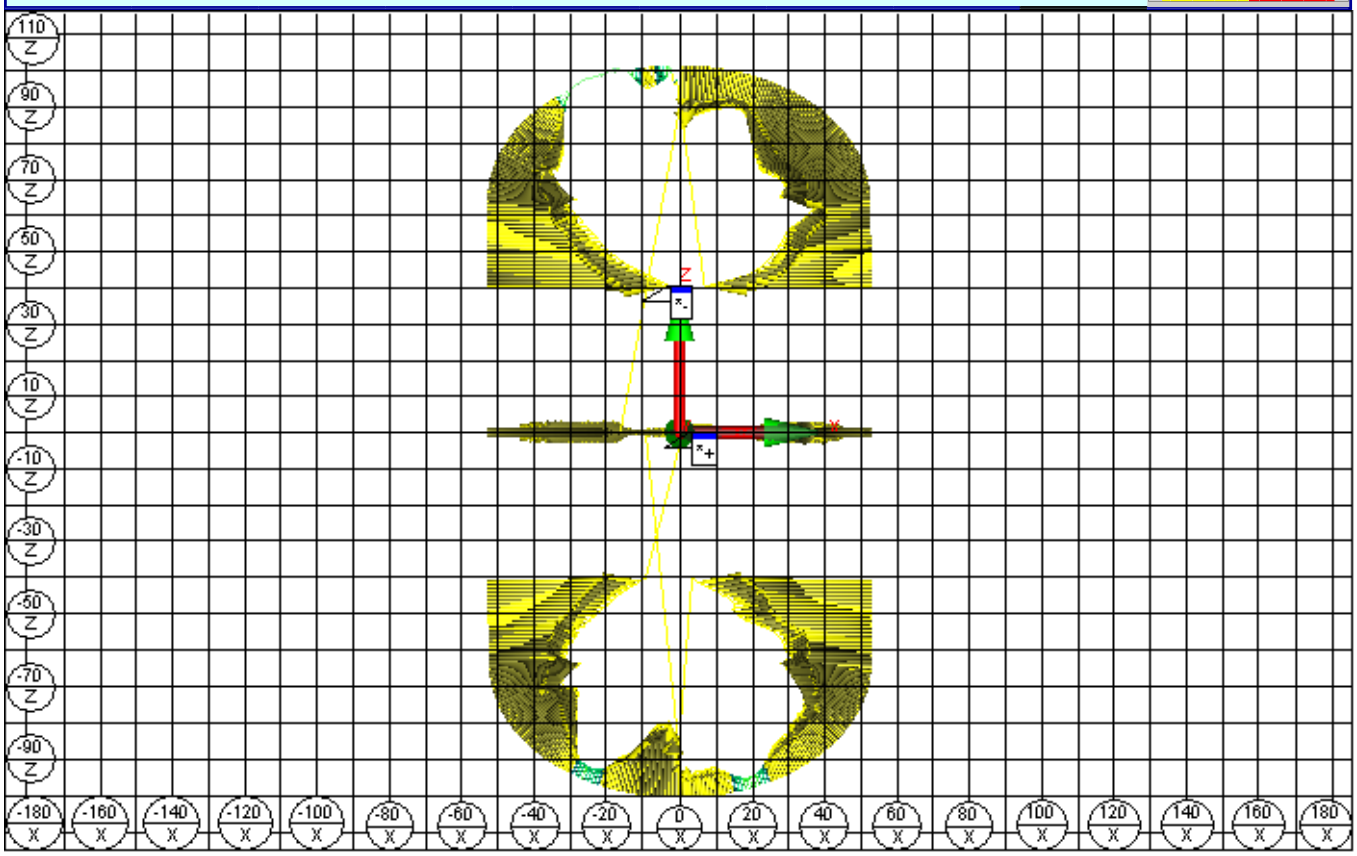
BESTFIT PROFILE FRONT SCANS- LEFT (L4) AND RIGHT (L3) EXAGGERATION X 50 EACH SQUARE= .200MM

FCFPROF6	MM	0.2	FORMONLY LEAST_SQR					
Feature	MEAS	+TOL	-TOL	OUTTOL	DEV	MAX	MIN	BONUS
Set	1.087	0.200	0.000	0.887	1.087	0.221	-0.866	

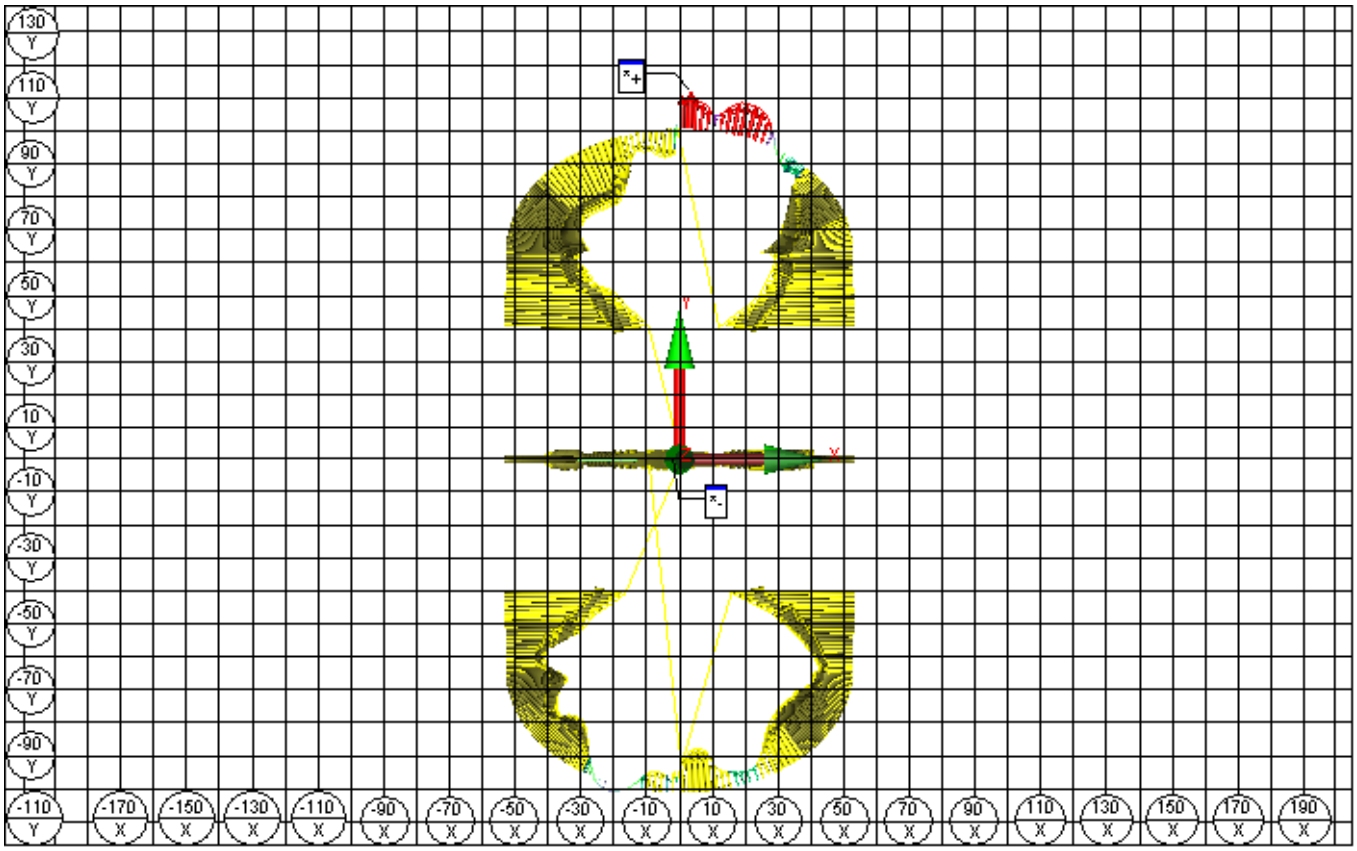


BESTFIT PROFILE TOP AND BOTTOM SCANS- LEFT (L4) AND RIGHT (L3) EXAGGERATION X 50 EACH SQUARE= .200MM

FCFPROF7	MM	0.2	FORMONLY LEAST_SQR					
Feature	MEAS	+TOL	-TOL	OUTTOL	DEV	MAX	MIN	BONUS
Set	1.241	0.200	0.000	1.041	1.241	0.222	-1.019	



BESTFIT PROFILE TO ALL SCANS- LEFT TOP & BOTTOM (L4) AND RIGHT TOP & BOTTOM (L3)
EXAGGERATION X 50 EACH SQUARE= .200MM



BESTFIT PROFILE TO ALL SCANS- LEFT FRONT & BACK (L4) AND RIGHT FRONT & BACK (L3)
EXAGGERATION X 50 EACH SQUARE= .200MM

⌗	MM	LOC1 - BEAM_TUBE_CYL1_OD
AX		MEAS
Y		0.464
Z		-0.298
D		65.728
RN		0.662

⌗	MM	LOC2 - CIR1_BEAM_TUBE_1OD_7_
AX		MEAS
Y		0.743
Z		-0.657
D		65.511
RN		0.021

⌗	MM	LOC3 - CIR2_BEAM_TUBE_1OD_7_
AX		MEAS
Y		0.220
Z		-0.545
D		65.863
RN		0.066

⌗	MM	LOC4 - CIR1_BEAM_TUBE_2OD_5_
AX		MEAS
Y		0.156
Z		-0.113
D		65.830
RN		0.017

⌗	MM	LOC5 - CIR2_BEAM_TUBE_2OD_5_
AX		MEAS
Y		0.632
Z		0.185
D		65.575
RN		0.038

⌗	MM	LOC6 - BEAM_TUBE_1_ID_CIR1_7_
AX		MEAS
Y		0.873
Z		-0.746
D		60.321
RN		0.107

⌗	MM	LOC7 - FLANGE1_ID_CIR1_N4_
AX		MEAS
Y		1.023
Z		-0.864
D		76.218
RN		0.052

⌗	MM	LOC8 - FLANGE1_OD_CIR1_N4_

AX	MEAS
Y	1.003
Z	-0.845
D	105.879
RN	0.058

⌗	MM	LOC9 - BEAM_TUBE_2_ID_CIR2_5_

AX	MEAS
Y	0.615
Z	0.134
D	60.337
RN	0.115

⌗	MM	LOC10 - FLANGE2_ID_CIR2_5_

AX	MEAS
Y	0.642
Z	0.130
D	76.480
RN	0.059

⌗	MM	LOC11 - FLANGE2_OD_CIR2_N5_

AX	MEAS
Y	0.655
Z	0.131
D	106.022
RN	0.050

⌗	MM	LOC12 - FLANGE1_PLN1_N4_

AX	MEAS
X	166.059
FL	0.060

⌗	MM	LOC13 - FLANGE1_STEP_PLN1_N4_

AX	MEAS
X	159.774
FL	0.041

⌗	MM	LOC14 - FLANGE2_PLN2_N5_

AX	MEAS
X	-166.058
FL	0.059

⌗	MM	LOC15 - FLANGE2_STEP_PLN2_N5_

AX	MEAS
X	-159.871
FL	0.026

↔	MM	DIST1 - FLANGE1_PLN1_N4_ TO FLANGE2_PLN2_N5_ (XAXIS)

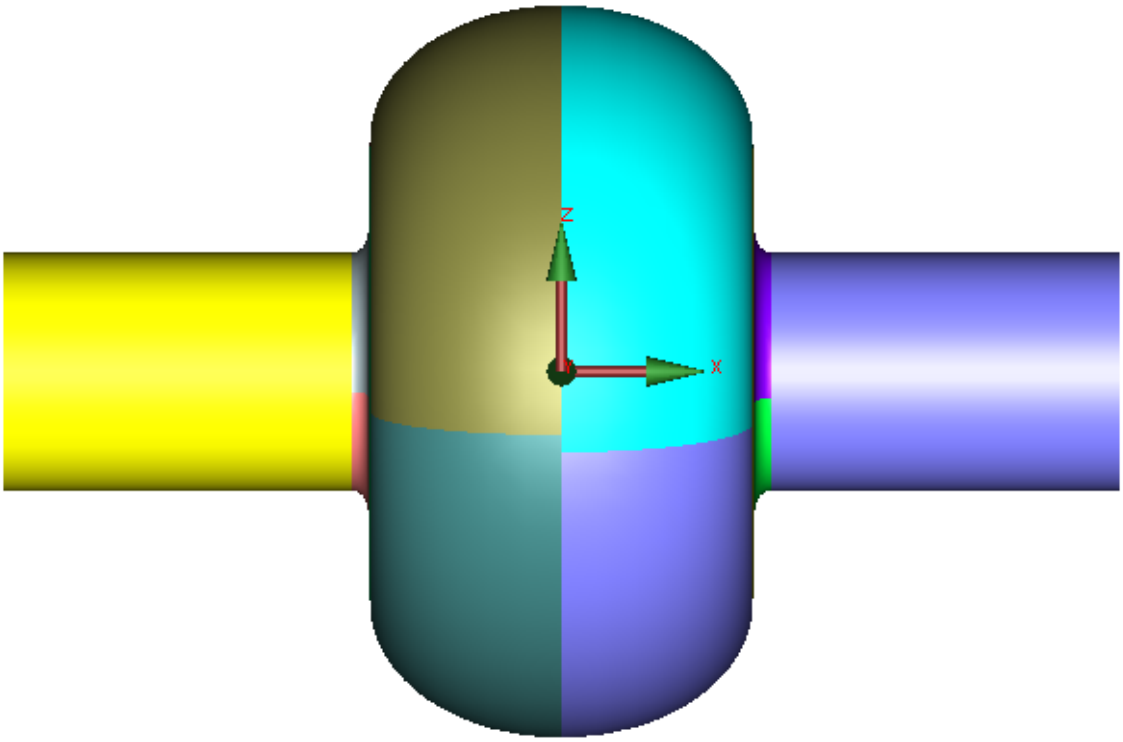
AX	MEAS
M	332.117

↔	MM	DIST2 - FLANGE1_STEP_PLN1_N4_ TO FLANGE2_STEP_PLN2_N5_ (XAXIS)

AX	MEAS
M	319.645

FCFPARL1	MM	// 0.2 A

Feature	MEAS
FLANGE2_PLN2_N5_	1.249



CAD MODEL WAS CREATED FROM MID-CELL OF 9 CELL IHEP STEP FILE