pc-dmis	PART NAME : QXFP 01b Coil Part 1		January 19, 2016	15:43
	REV NUMBER :	SER NUMBER :	STATS COUNT :	1

QXFP 01b COIL CMM INSPECTION
Part 1 X-Sections 1-9 (250 to -2420)

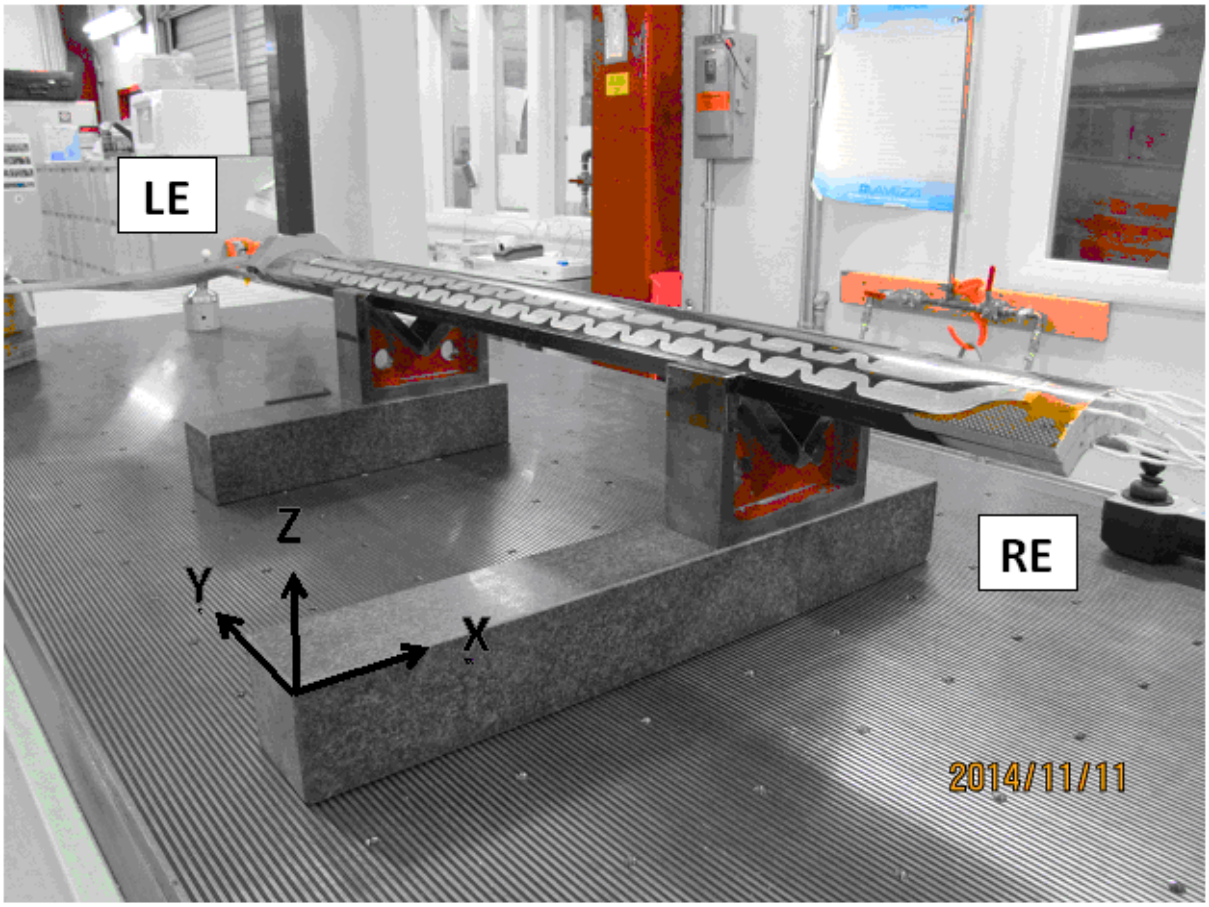
Inspected by: Robert Riley
Date: Jan/12/2016

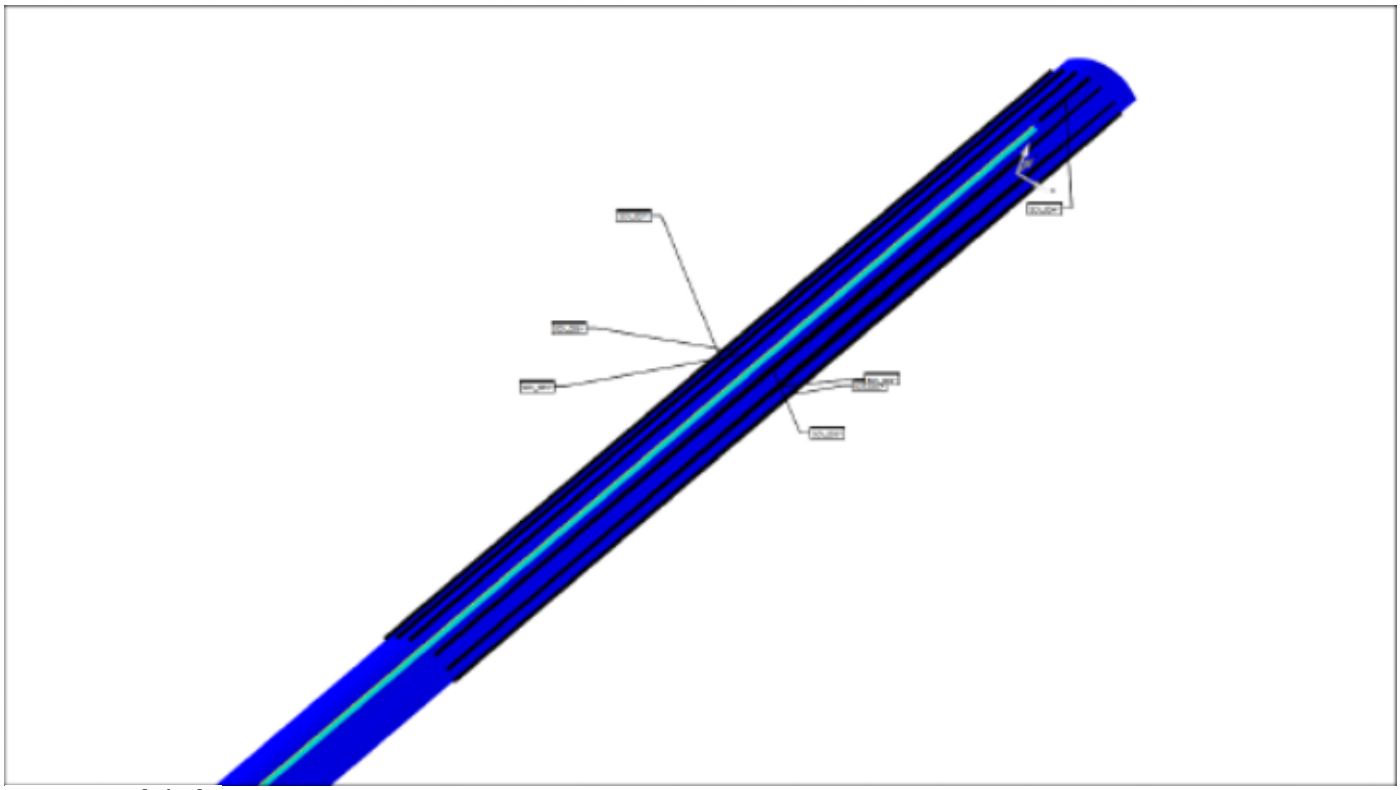
CAD file dimensions:
O.R. = 113.38
I.R. = 74.75

Coil is supported on four "V" blocks. (Which prevents scanning full side parting planes.)

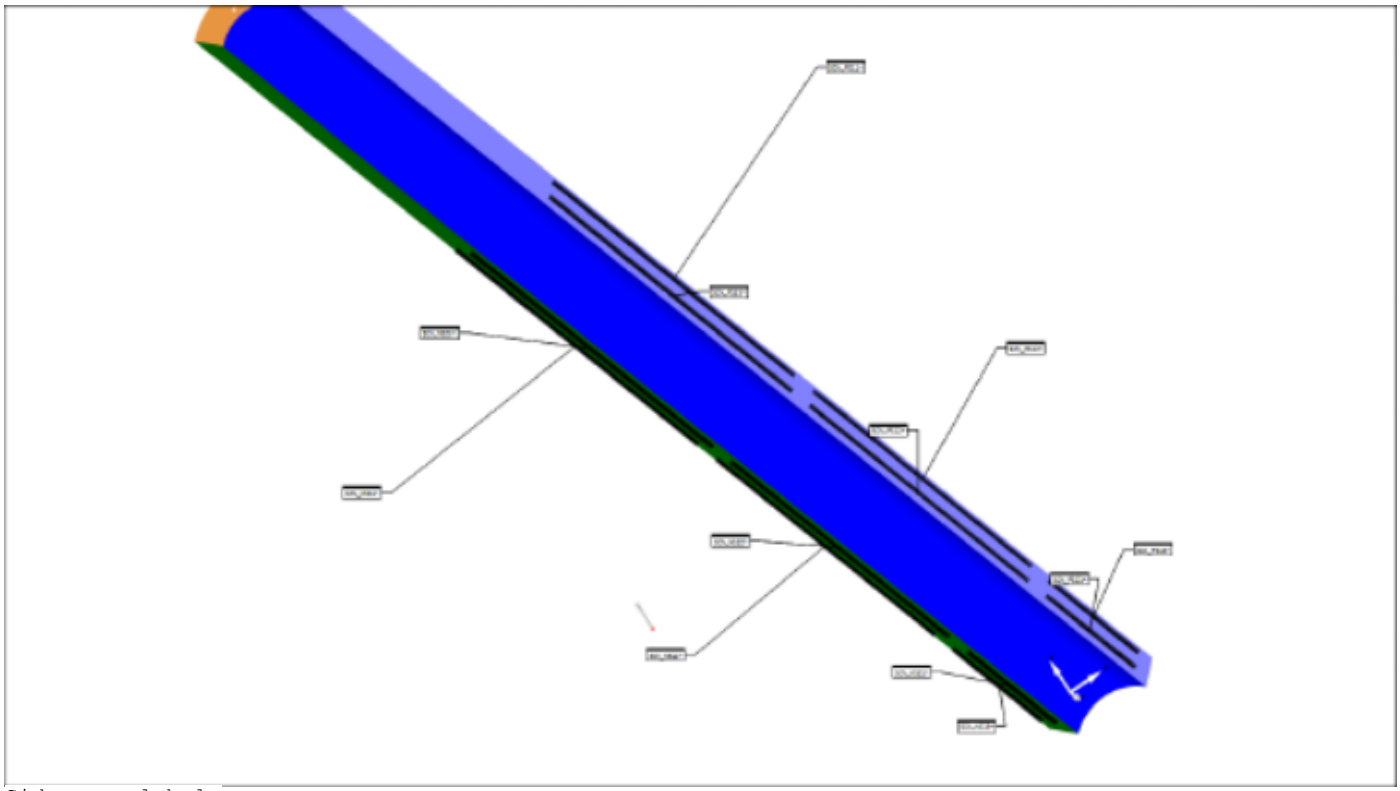
Axis of coil is aligned along -Y- axis of coordinate system.
-Y- axis is zeroed at first through hole at Lead End.
All -Y- coordinates are distance from 1st hole in Lead End key, and are signed positive and negative.
-Z- positive is up through the O.D.

The coil is 4310mm in length. The CMM has a -Y- measuring length of 3000mm,
and therefore the coil is measured in 2 separate overlaping sections.





O.D. scan labels



Side scan labels

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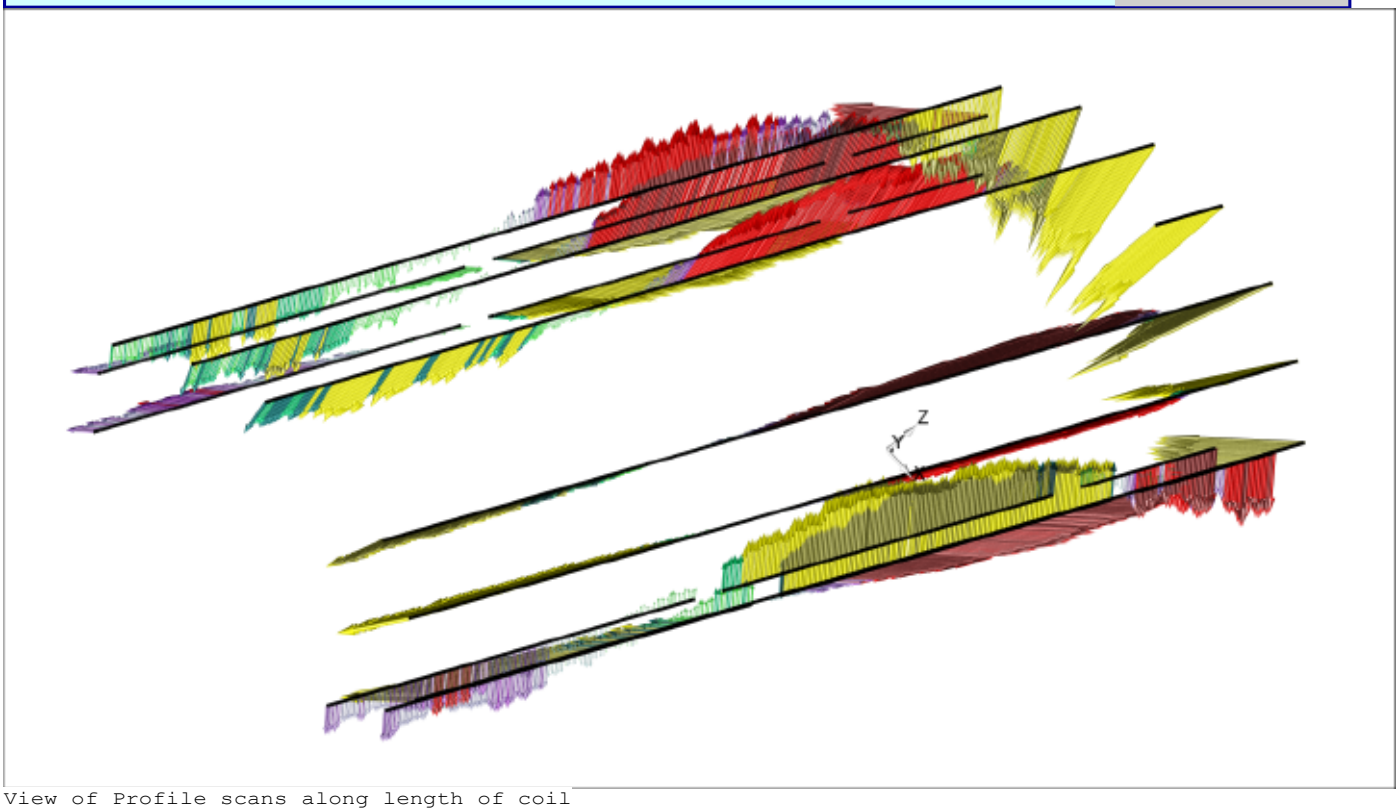
Profiles of scans along length of coil

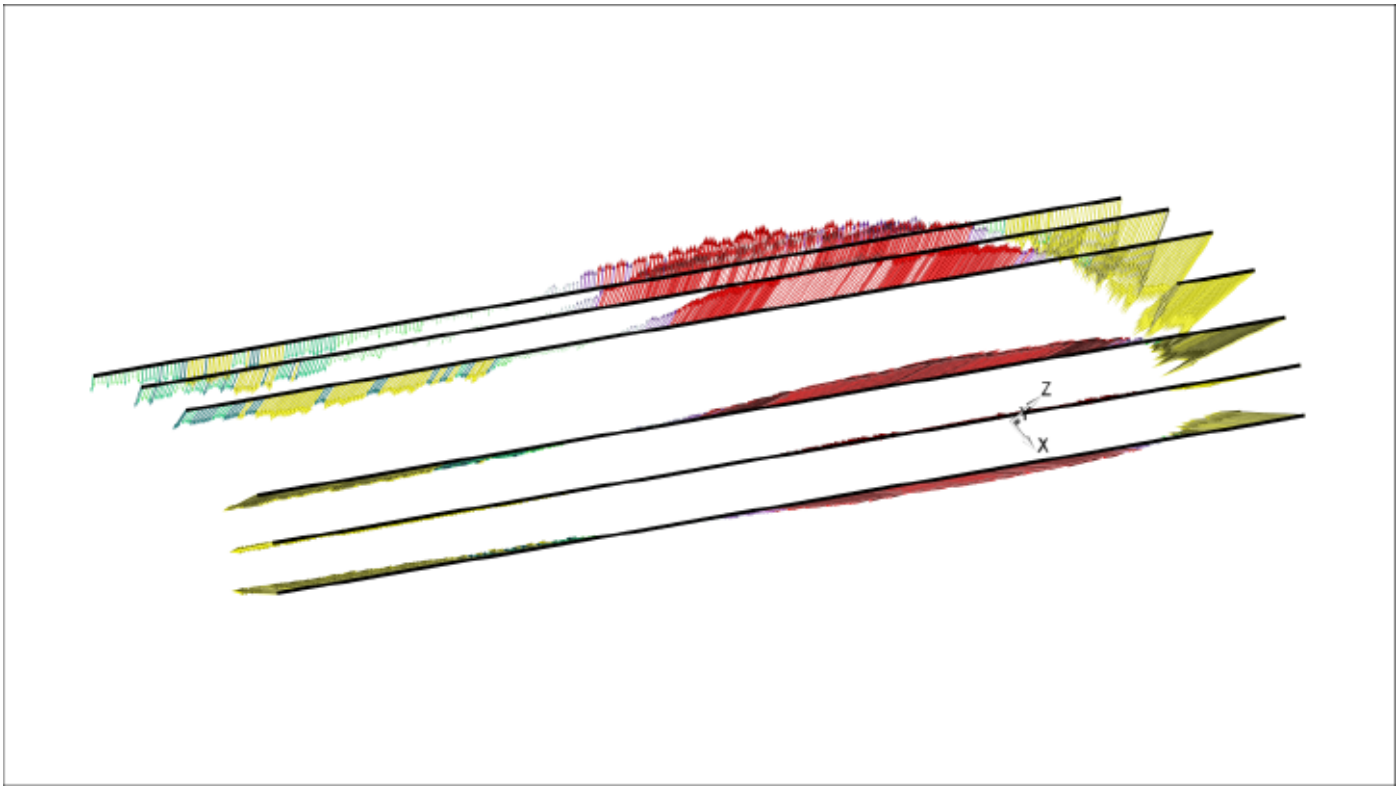
	MM	PROF1 - SCN_NS11 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.181	0.102	-0.079	0.127	0.127	0.000	
	MM	PROF2 - SCN_NS12 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.371	-0.101	-0.371	0.127	0.127	0.244	
	MM	PROF3 - SCN_NS13 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.542	0.516	-0.026	0.127	0.127	0.389	

	MM	PROF4 - SCN_NS21 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.472	0.452	-0.019	0.127	0.127	0.325	
	MM	PROF5 - SCN_NS22 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.336	-0.086	-0.336	0.127	0.127	0.209	
	MM	PROF6 - SCN_NS23 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.182	0.144	-0.038	0.127	0.127	0.017	
	MM	PROF7 - SCN_OD1 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.787	0.316	-0.471	0.127	0.127	0.533	
	MM	PROF8 - SCN_OD2 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	1.019	0.349	-0.669	0.127	0.127	0.765	
	MM	PROF9 - SCN_OD3 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	1.158	0.403	-0.755	0.127	0.127	0.904	
	MM	PROF10 - SCN_OD4 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.647	-0.271	-0.647	0.127	0.127	0.520	
	MM	PROF12 - SCN_OD5 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.969	0.315	-0.654	0.127	0.127	0.715	
	MM	PROF13 - SCN_OD6 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.803	0.289	-0.515	0.127	0.127	0.549	
	MM	PROF14 - SCN_OD7 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.527	0.199	-0.328	0.127	0.127	0.273	
	MM	PROF15 - SCN_PS11 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.209	0.116	-0.093	0.127	0.127	0.000	
	MM	PROF16 - SCN_PS12 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.266	-0.124	-0.266	0.127	0.127	0.139	
	MM	PROF17 - SCN_PS13 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.294	0.221	-0.073	0.127	0.127	0.094	
	MM	PROF18 - SCN_PS21 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.274	0.214	-0.061	0.127	0.127	0.087	
	MM	PROF19 - SCN_PS22 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.240	-0.096	-0.240	0.127	0.127	0.113	

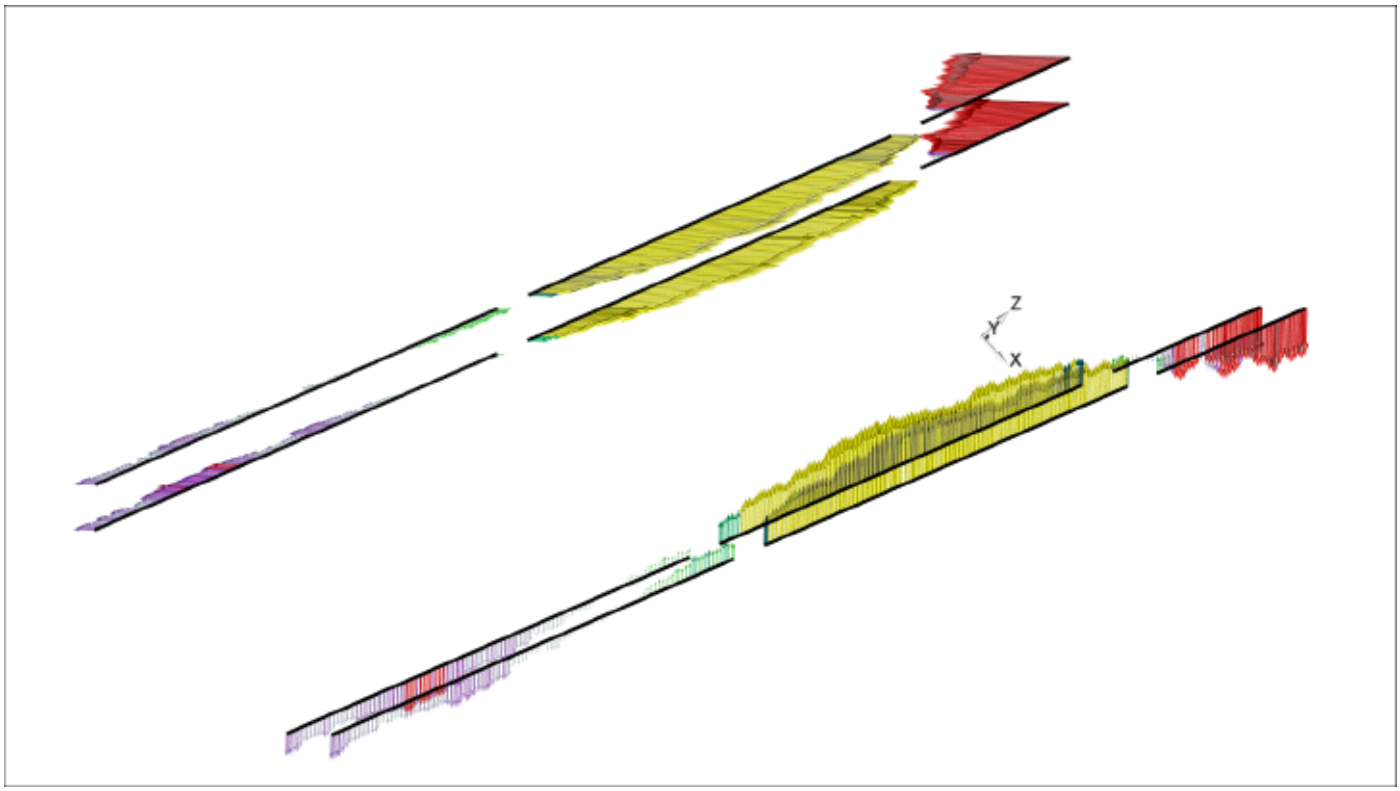
	MM	PROF20 - SCN_PS23 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.199	0.147	-0.052	0.127	0.127	0.020

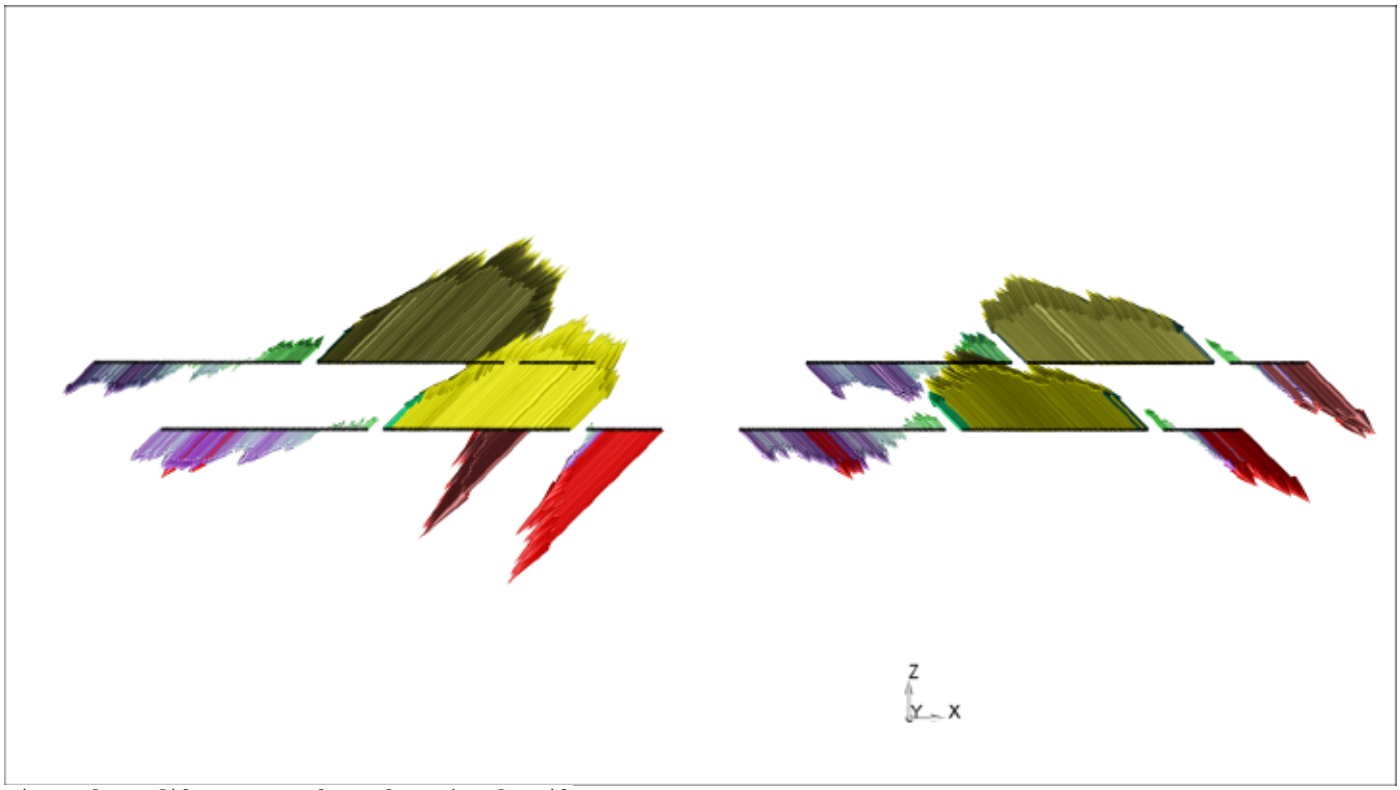


View of Profile scans along length of coil
O.D. and Side Planes



View of Profile scans along length of coil
O.D. only





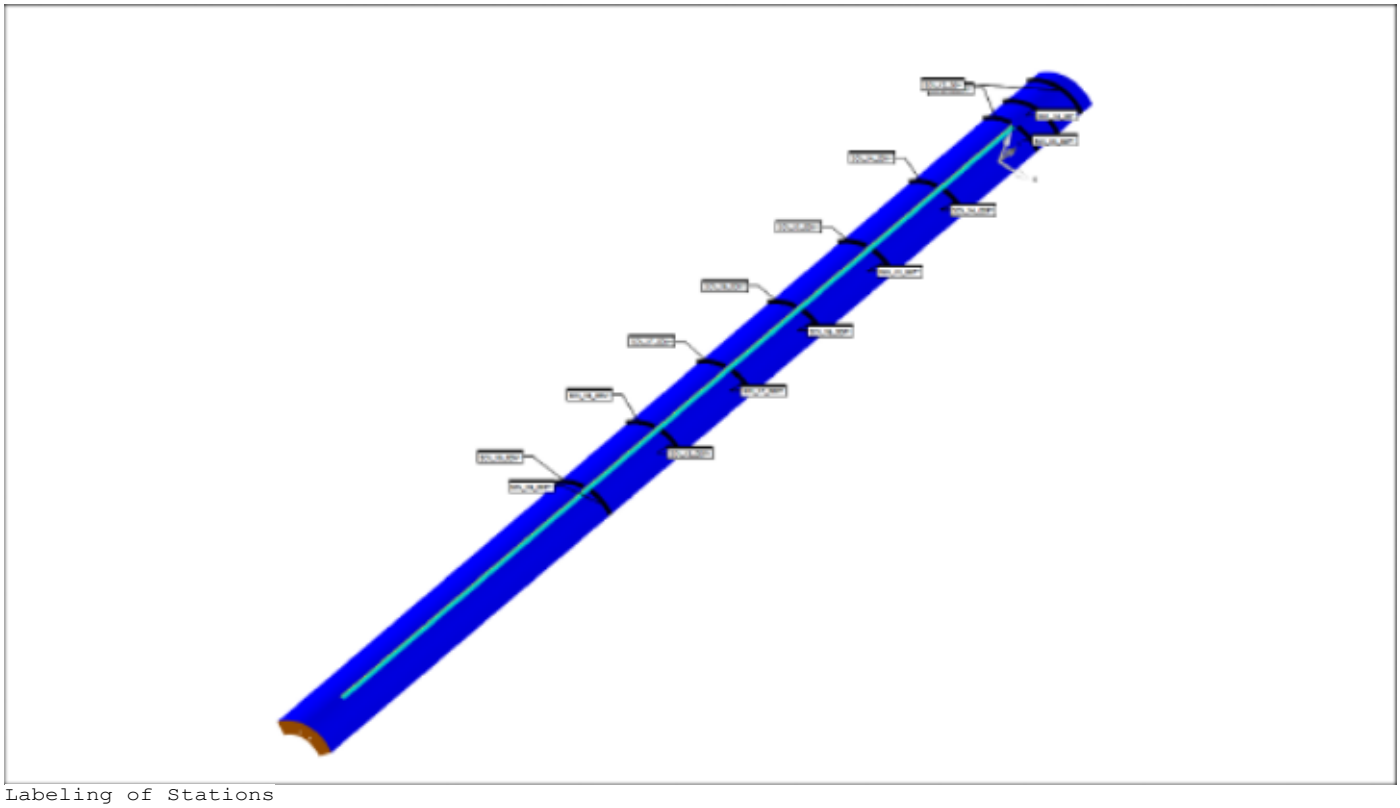
View of Profile scans along length of coil
Side Planes only

Profiles of scans at Cross-Sections of coil

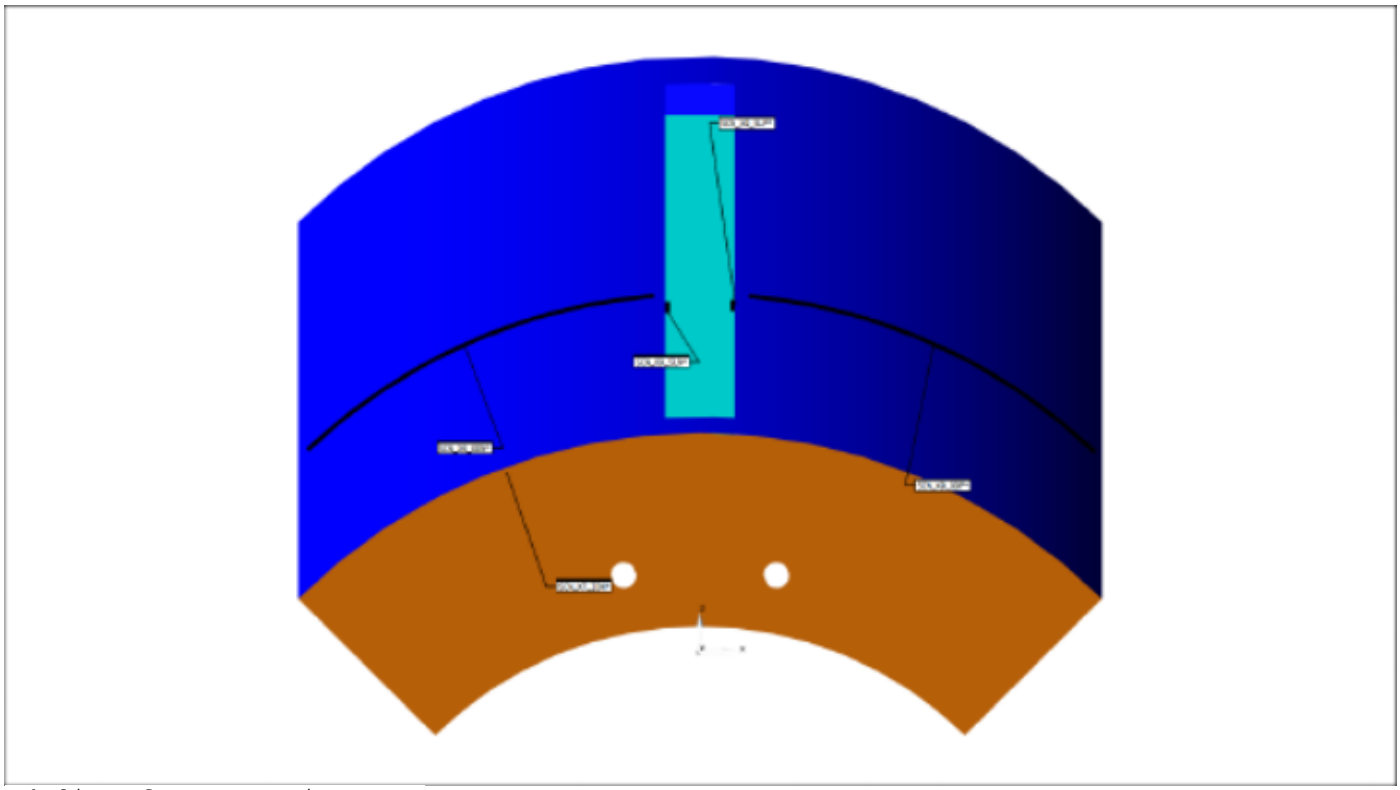
Locations of Cross-Sections:

Glossary of feature name abbreviations:

	mm	from Lead End Key Datum hole		
Station 1	250		IDP	I.D. Positive
Station 2	113.25		IDN	I.D. Negative
Station 3	0		SP	Side Positive
Station 4	-420		SN	Side Negative
Station 5	-820		ODP	O.D. Positive
Station 6	-1220		ODN	O.D. Negative
Station 7	-1620		SLP	Slot Positive
Station 8	-2020		SLN	Slot Negative
Station 9	-2420		PTSD	Point Slot Depth
Station 10	-2820			
Station 11	-3220			
Station 12	-3790			
Station 13	-3893			



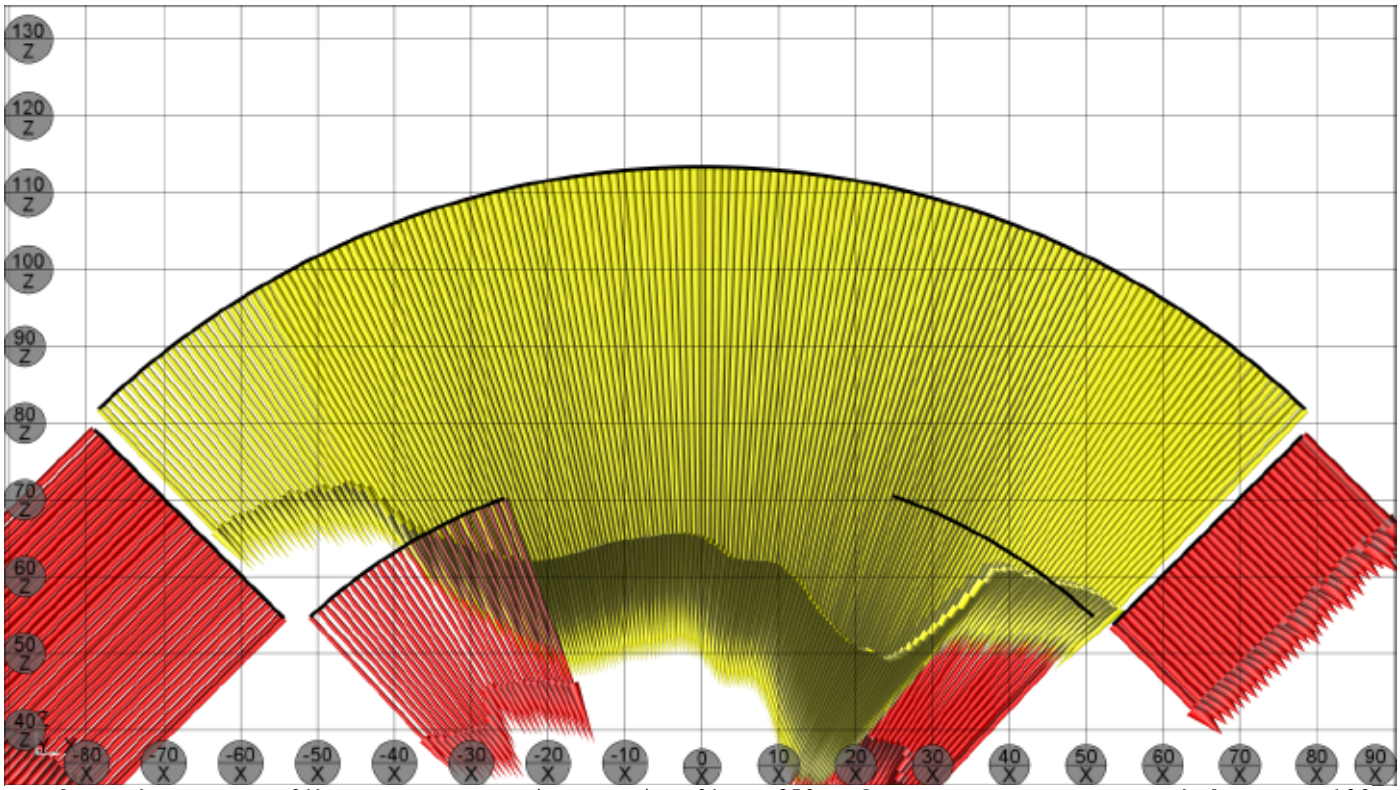
Labeling of Stations



Labeling of Cross-Section scans

======== CROSS SECTION at STATION 1 at 250mm from LEAD END Key Datum hole FULL O.D. ========

	MM	PROF21 - SCN_X1_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.437	0.437	0.381	0.127	0.127	0.310	
	MM	PROF22 - SCN_X1_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.219	0.219	0.196	0.127	0.127	0.092	
	MM	PROF23 - SCN_X1_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.786	-0.292	-0.786	0.127	0.127	0.659	
	MM	PROF24 - SCN_X1_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.522	0.522	0.439	0.127	0.127	0.395	
	MM	PROF25 - SCN_X1_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.342	0.342	0.282	0.127	0.127	0.215	



Sample Number: QXFP 01b Cross Section Station 01 at 250mm from LEAD END Key Datum hole. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

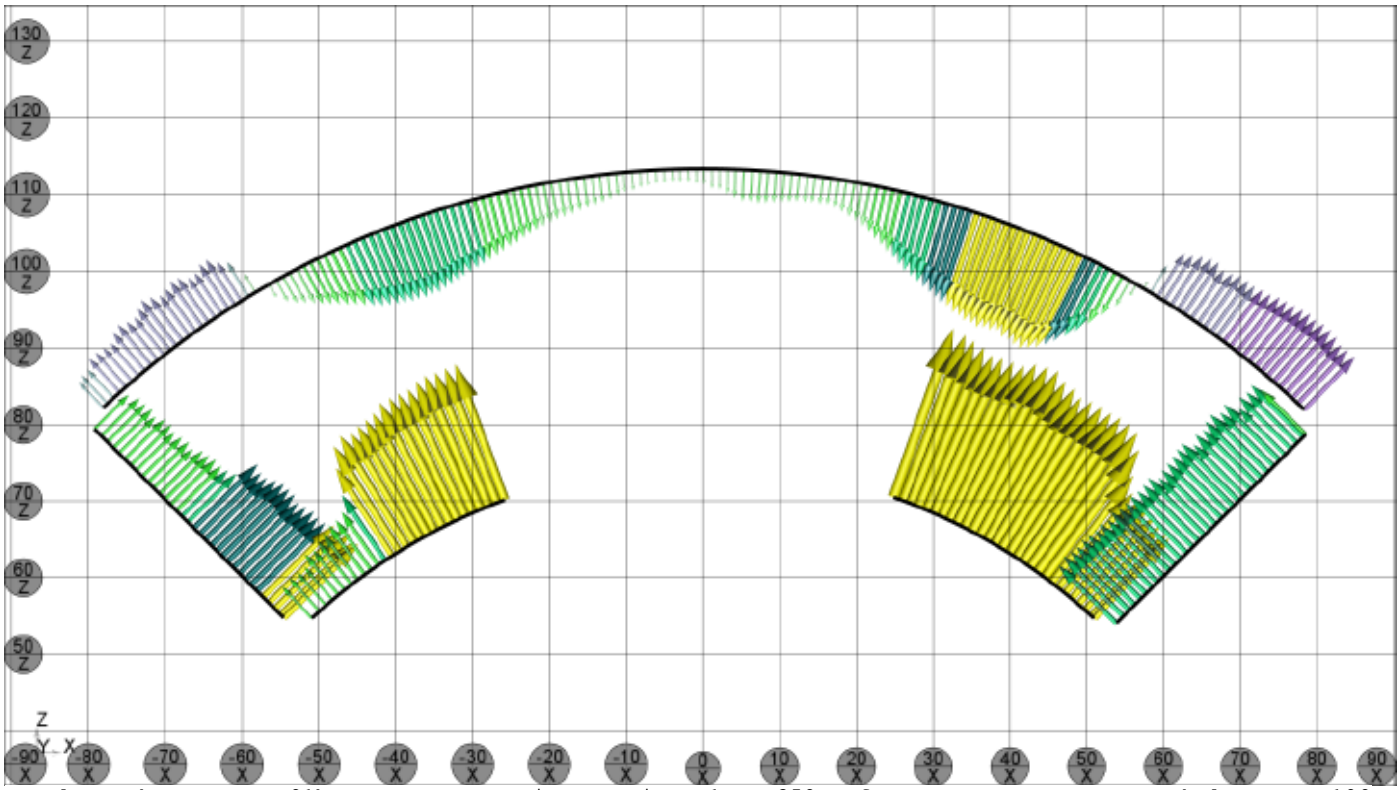
	MM	PROF26 - SCN_X1_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.238	-0.144	-0.238	0.127	0.127	0.111	

	MM	PROF27 - SCN_X1_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.111	-0.082	-0.111	0.127	0.127	0.000	

	MM	PROF28 - SCN_X1_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.245	0.100	-0.145	0.127	0.127	0.018	

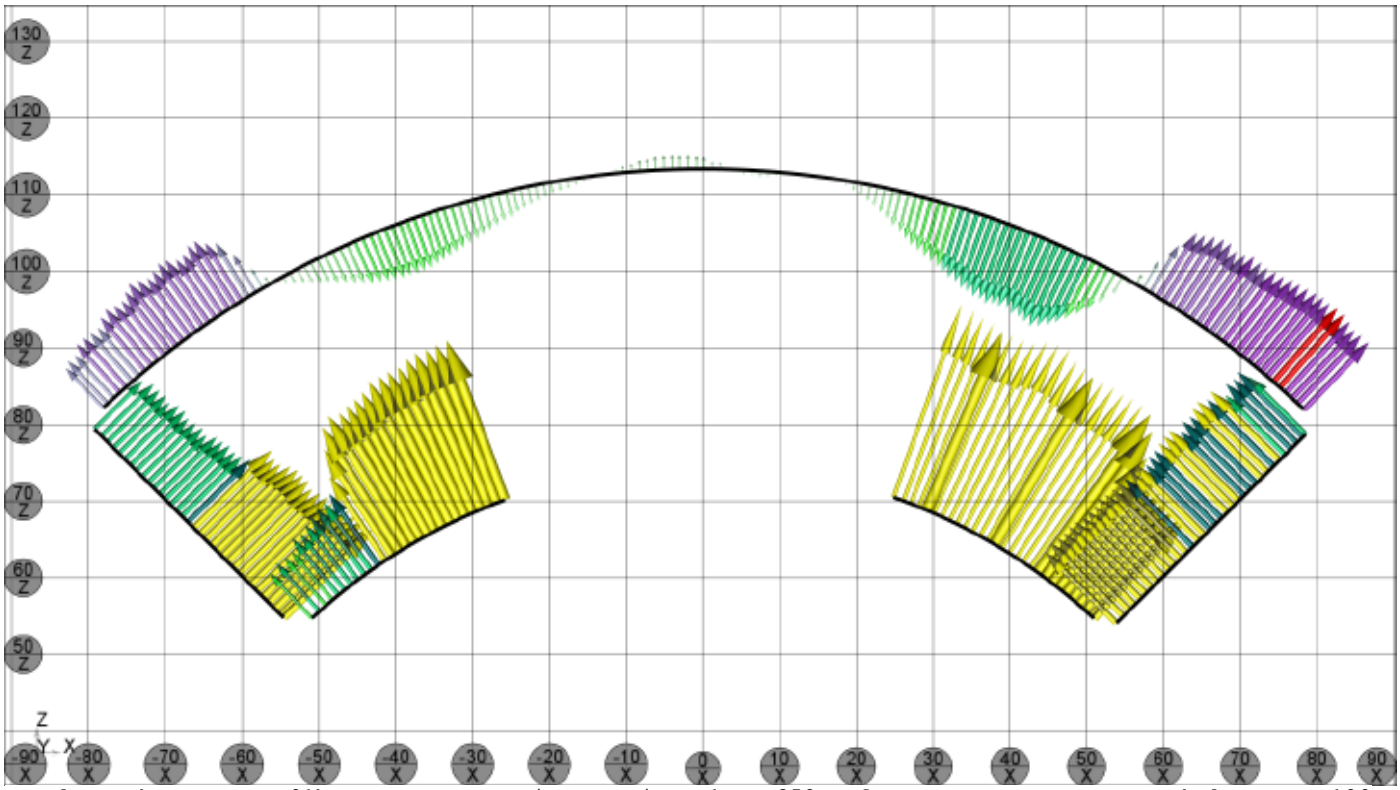
	MM	PROF29 - SCN_X1_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.139	-0.064	-0.139	0.127	0.127	0.012	

	MM	PROF30 - SCN_X1_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.190	-0.057	-0.190	0.127	0.127	0.063	



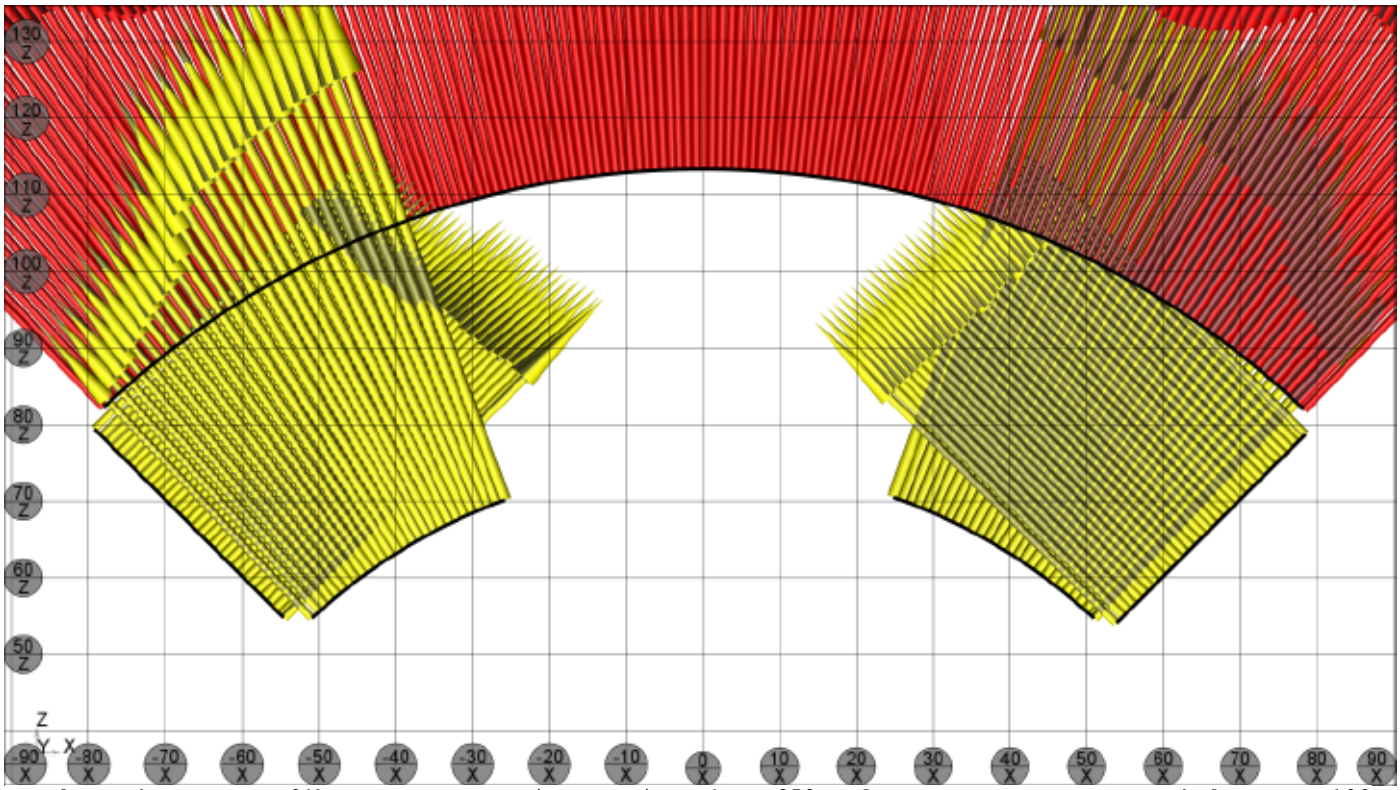
Sample Number: QXFP 01b Cross Section Station 1 at 250mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF273 - SCN_X1_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.270	-0.170	-0.270	0.127	0.127	0.143	
	MM	PROF274 - SCN_X1_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.135	-0.106	-0.135	0.127	0.127	0.008	
	MM	PROF275 - SCN_X1_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.240	0.127	-0.113	0.127	0.127	0.000	
	MM	PROF276 - SCN_X1_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.165	-0.089	-0.165	0.127	0.127	0.038	
	MM	PROF277 - SCN_X1_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.222	-0.082	-0.222	0.127	0.127	0.095	



Sample Number: QXFP 01b Cross Section Station 1 at 250mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

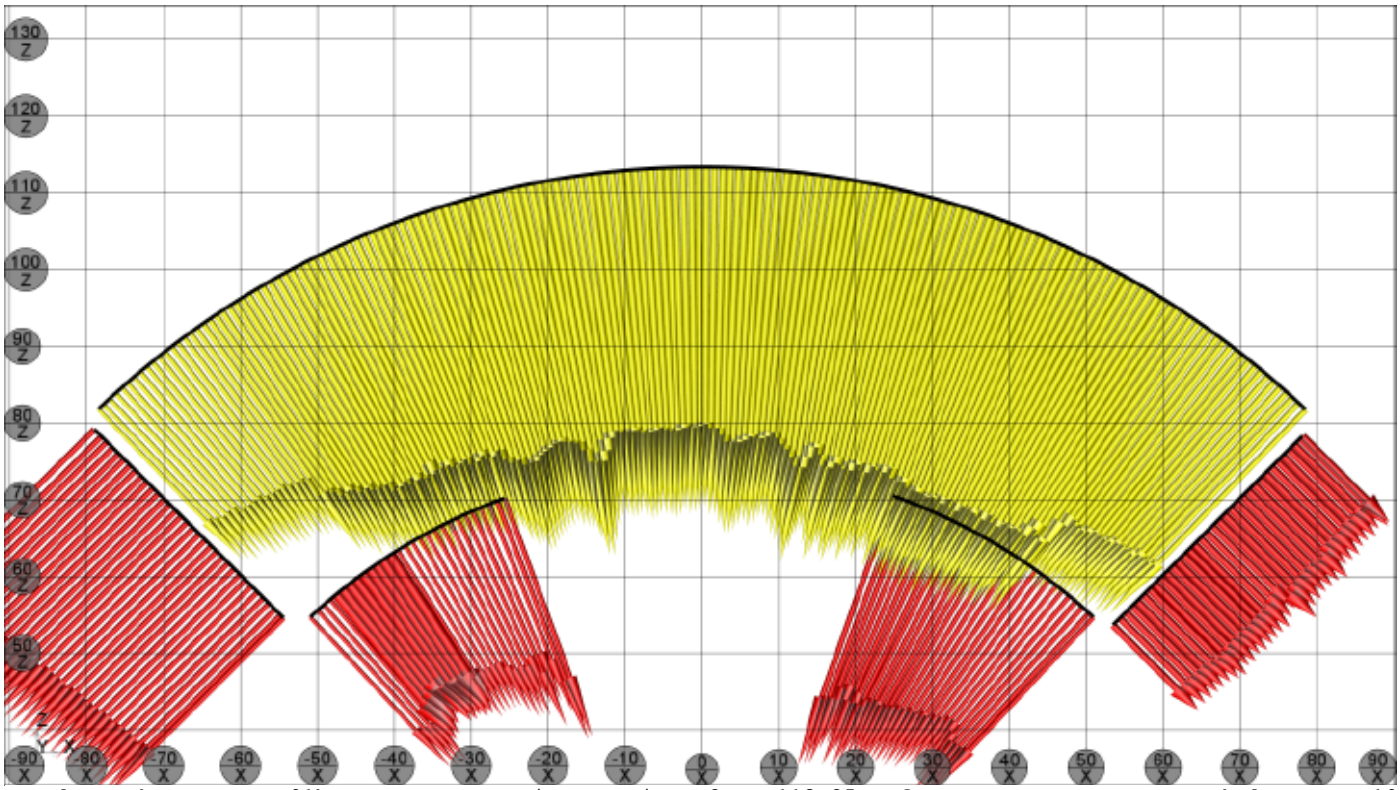
	MM	1 - CIRCX1					
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL	
X	0.000	0.000	0.000	0.000	0.000	0.000	
Y	250.000	250.023	0.023	0.100	0.100	0.000	
Z	0.000	0.000	0.000	0.000	0.000	0.000	
R	113.380	113.927	0.547	0.127	0.127	0.420	
RN	0.000	0.185	0.185	0.127	0.000	0.058	
	MM	PROF73 - SCN_X1_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.837	-0.612	-0.837	0.127	0.127	0.710	
	MM	PROF74 - SCN_X1_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.561	-0.532	-0.561	0.127	0.127	0.434	
	MM	PROF75 - SCN_X1_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.622	0.622	0.436	0.127	0.127	0.495	
	MM	PROF76 - SCN_X1_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.593	-0.517	-0.593	0.127	0.127	0.466	
	MM	PROF77 - SCN_X1_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.788	-0.523	-0.788	0.127	0.127	0.661	



Sample Number: QXFP 01b Cross Section Station 1 at 250mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

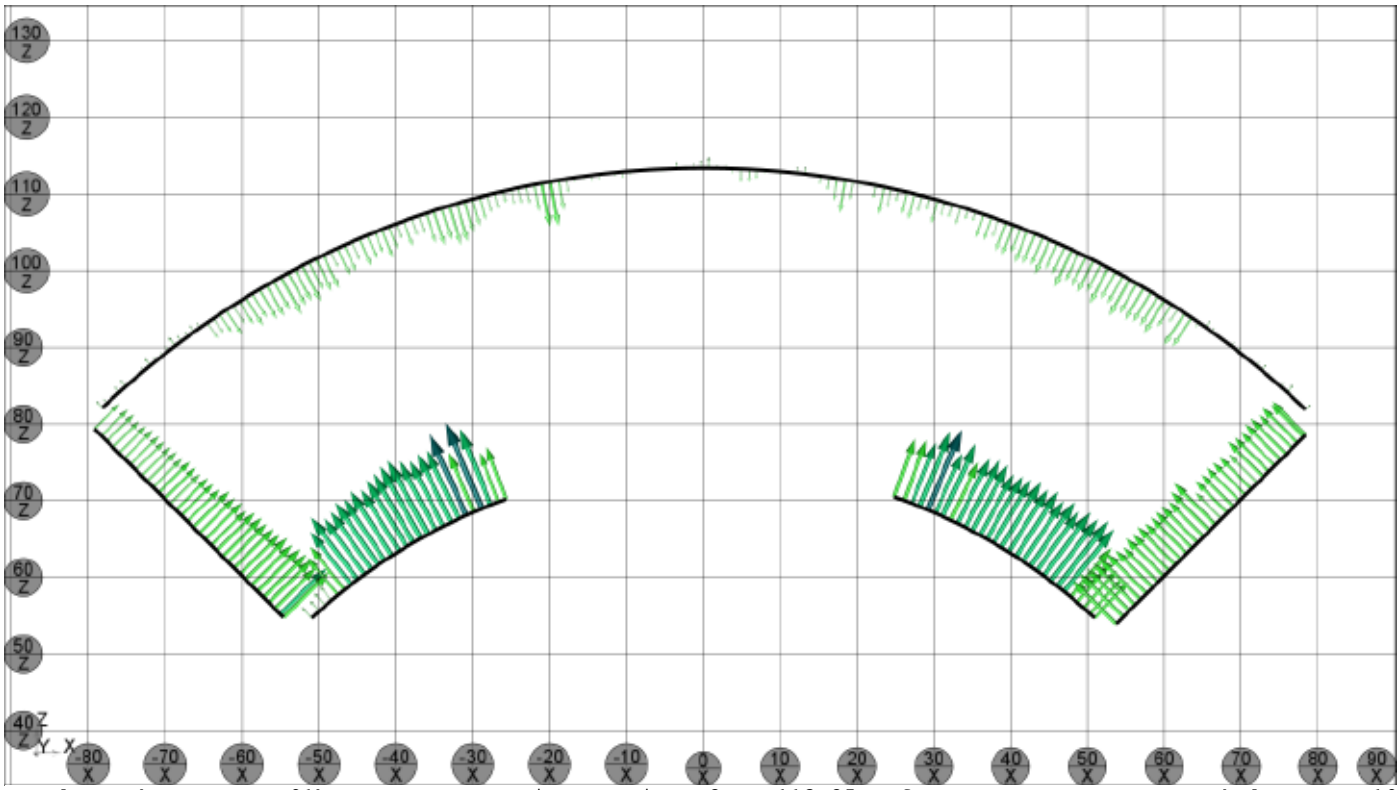
======== CROSS SECTION at STATION 2 at 113.25mm from LEAD END Key Datum hole FULL O.D. ========

	MM	PROF31 - SCN_X2_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.373	0.373	0.294	0.127	0.127	0.246	
	MM	PROF32 - SCN_X2_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.180	0.180	0.152	0.127	0.127	0.053	
	MM	PROF33 - SCN_X2_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.506	-0.271	-0.506	0.127	0.127	0.379	
	MM	PROF34 - SCN_X2_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.379	0.379	0.324	0.127	0.127	0.252	
	MM	PROF35 - SCN_X2_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.333	0.333	0.222	0.127	0.127	0.206	



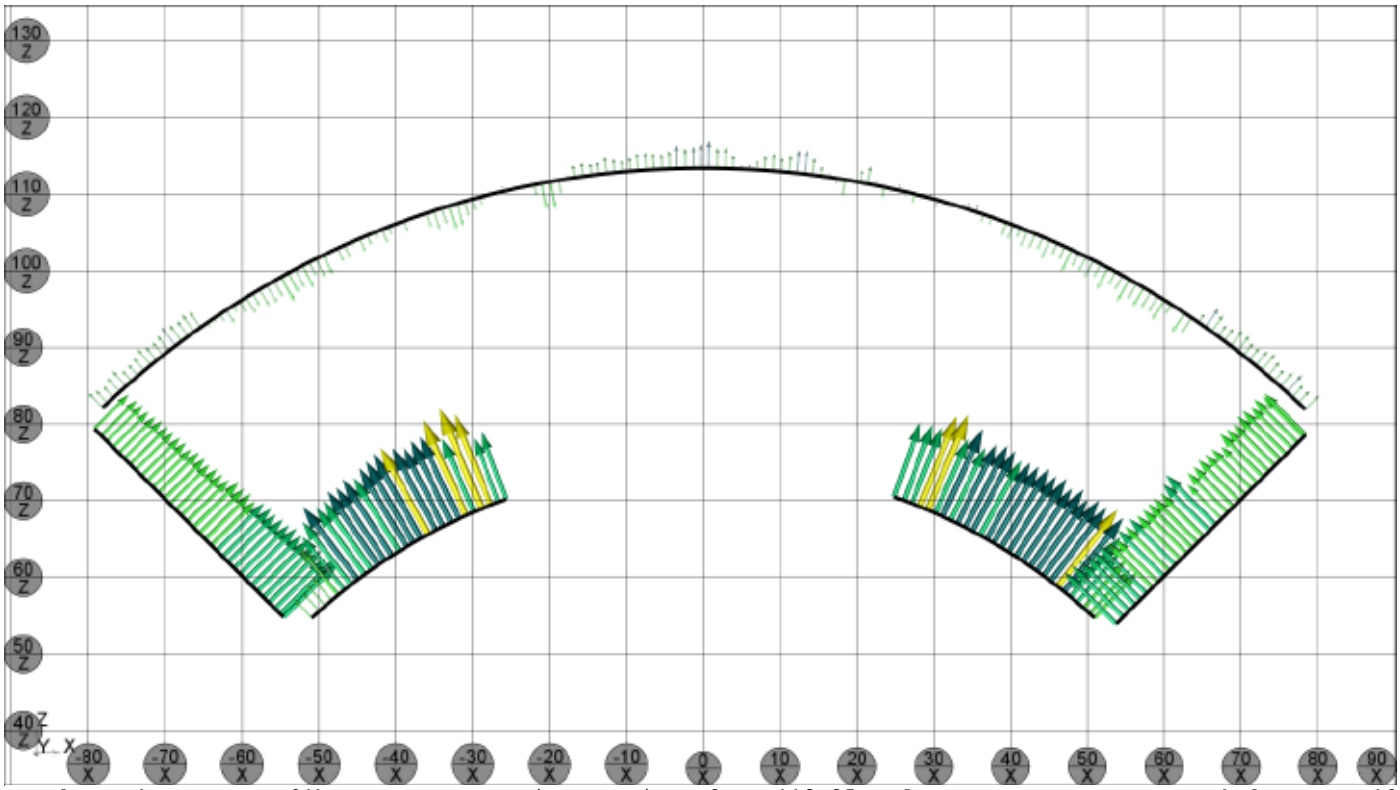
Sample Number: QXFP 01b Cross Section Station 2 at 113.25mm from LEAD END Key Datum hole. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF36 - SCN_X2_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.114	-0.062	-0.114	0.127	0.127	0.000	
	MM	PROF37 - SCN_X2_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.081	-0.048	-0.081	0.127	0.127	0.000	
	MM	PROF38 - SCN_X2_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.073	0.014	-0.059	0.127	0.127	0.000	
	MM	PROF39 - SCN_X2_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.085	-0.046	-0.085	0.127	0.127	0.000	
	MM	PROF40 - SCN_X2_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.122	-0.018	-0.122	0.127	0.127	0.000	



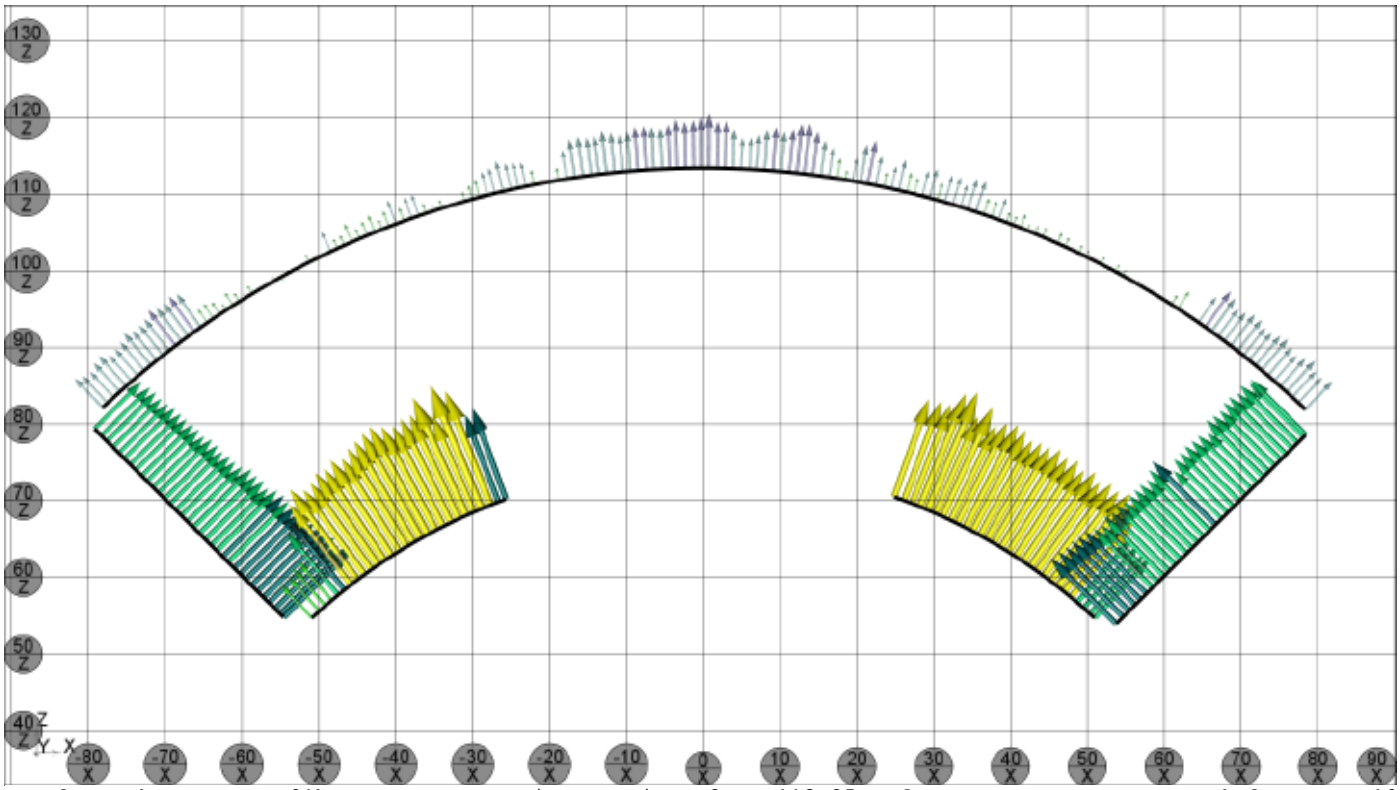
Sample Number: QXFP 01b Cross Section Station 2 at 113.25mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF278 - SCN_X2_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.135	-0.080	-0.135	0.127	0.127	0.008	
	MM	PROF279 - SCN_X2_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.095	-0.063	-0.095	0.127	0.127	0.000	
	MM	PROF280 - SCN_X2_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.074	0.036	-0.037	0.127	0.127	0.000	
	MM	PROF281 - SCN_X2_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.102	-0.063	-0.102	0.127	0.127	0.000	
	MM	PROF282 - SCN_X2_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.142	-0.033	-0.142	0.127	0.127	0.015	



Sample Number: QXFP 01b Cross Section Station 2 at 113.25mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

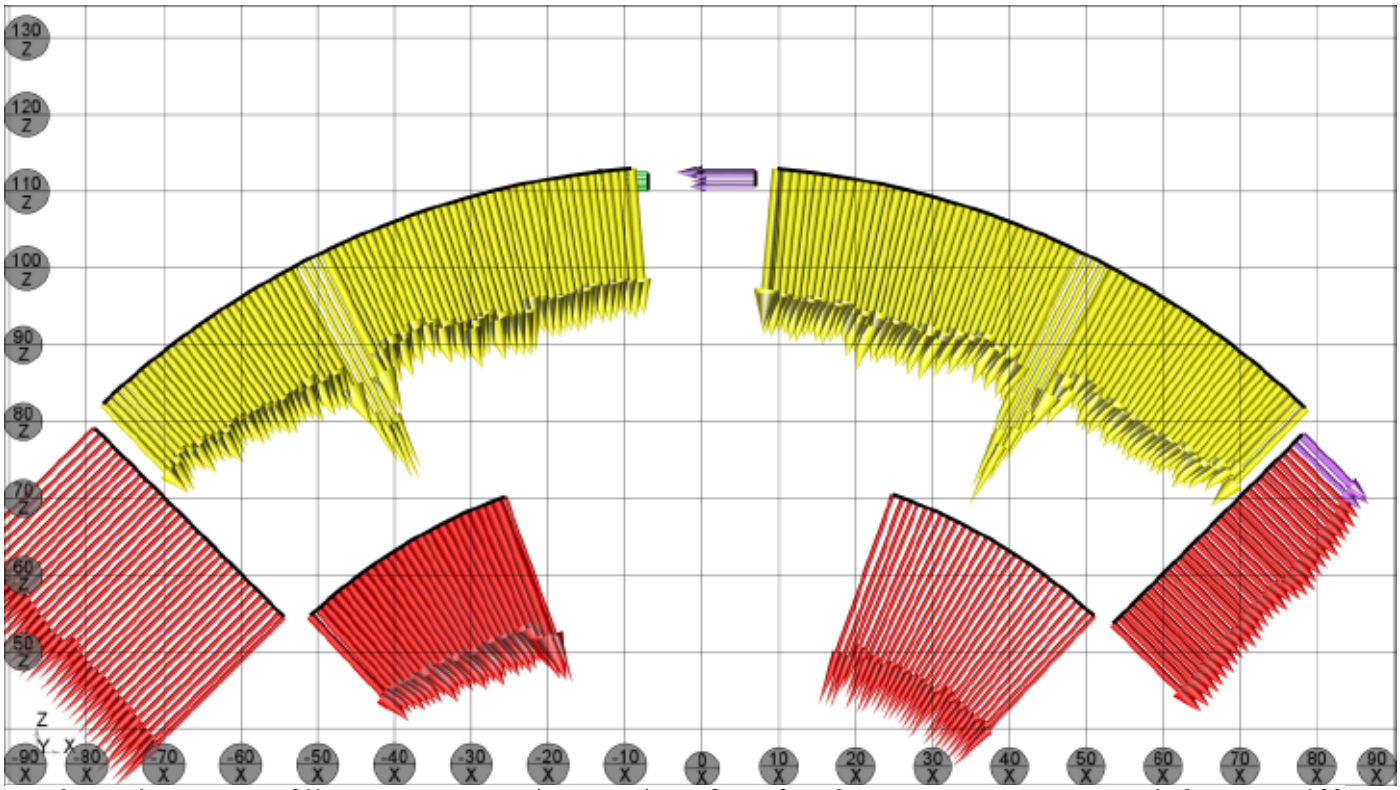
	MM	3 - CIRCX2					
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL	
X	0.000	0.000	0.000	0.000	0.000	0.000	
Y	113.250	113.273	0.023	0.100	0.100	0.000	
Z	0.000	0.000	0.000	0.000	0.000	0.000	
R	113.380	113.408	0.028	0.127	0.127	0.000	
RN	0.000	0.078	0.078	0.127	0.000	0.000	
	MM	PROF78 - SCN_X2_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.167	-0.104	-0.167	0.127	0.127	0.040	
	MM	PROF79 - SCN_X2_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.121	-0.088	-0.121	0.127	0.127	0.000	
	MM	PROF80 - SCN_X2_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.078	0.071	-0.006	0.127	0.127	0.000	
	MM	PROF81 - SCN_X2_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.126	-0.087	-0.126	0.127	0.127	0.000	
	MM	PROF82 - SCN_X2_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.174	-0.060	-0.174	0.127	0.127	0.047	



Sample Number: QXFP 01b Cross Section Station 2 at 113.25mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======= CROSS SECTION at STATION 3 at 0mm from LEAD END Key Datum hole SLOTTED O.D. =======

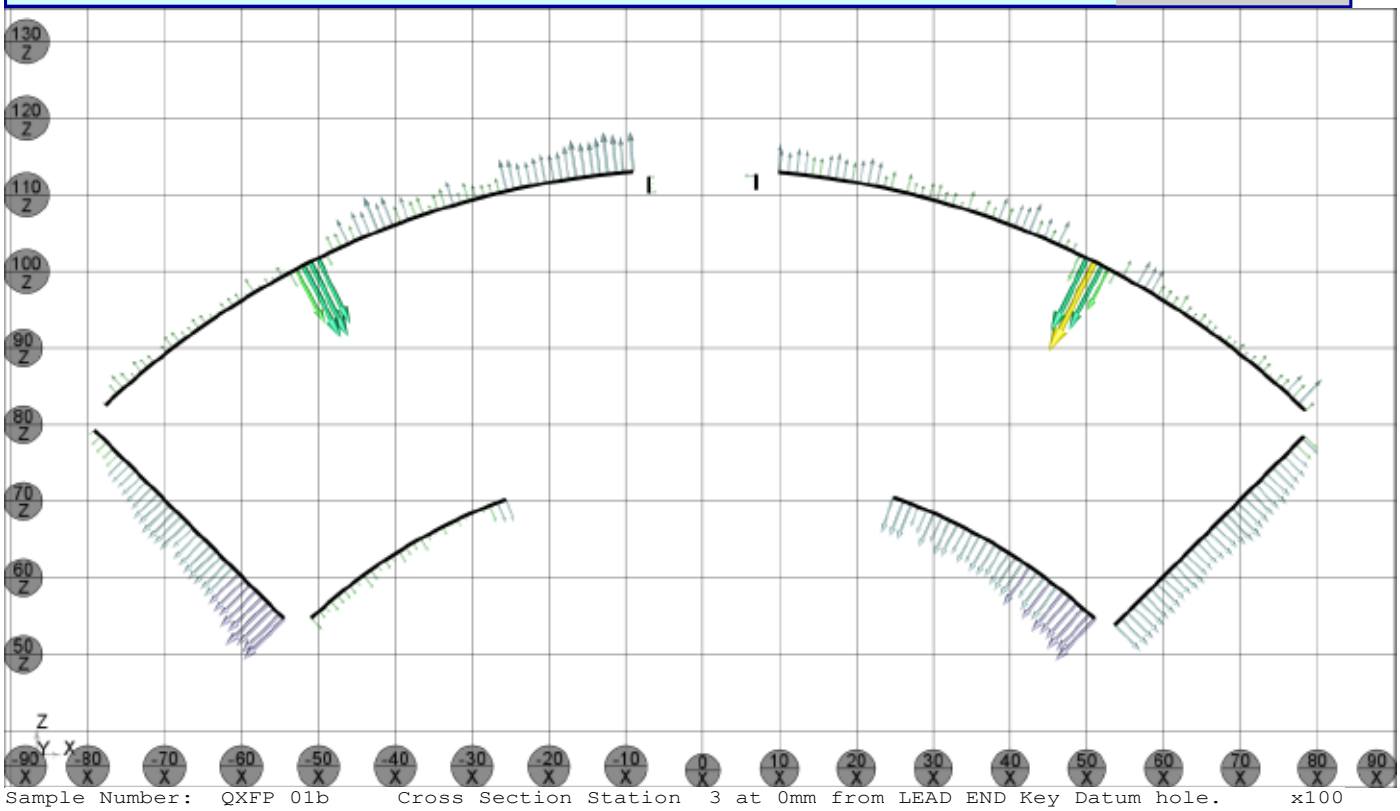
	MM	PROF41 - SCN_X3_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.290	0.290	0.257	0.127	0.127	0.163	
	MM	PROF42 - SCN_X3_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.165	0.165	0.118	0.127	0.127	0.038	
	MM	PROF43 - SCN_X3_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.362	-0.149	-0.362	0.127	0.127	0.235	
	MM	PROF44 - SCN_X3_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.104	0.104	0.085	0.127	0.127	0.000	
	MM	PROF45 - SCN_X3_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.082	-0.077	-0.082	0.127	0.127	0.000	
	MM	PROF46 - SCN_X3_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.321	-0.148	-0.321	0.127	0.127	0.194	
	MM	PROF47 - SCN_X3_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.317	0.317	0.266	0.127	0.127	0.190	
	MM	PROF48 - SCN_X3_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.258	0.258	0.183	0.127	0.127	0.131	



Sample Number: QXFP 01b Cross Section Station 3 at 0mm from LEAD END Key Datum hole. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF49 - SCN_X3_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.075	0.075	0.029	0.127	0.127	0.000	
	MM	PROF50 - SCN_X3_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.053	0.053	0.024	0.127	0.127	0.000	
	MM	PROF51 - SCN_X3_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.177	0.045	-0.132	0.127	0.127	0.005	
	MM	PROF52 - SCN_X3_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.018	0.016	-0.002	0.127	0.127	0.000	
	MM	PROF53 - SCN_X3_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.009	0.009	0.005	0.127	0.127	0.000	
	MM	PROF54 - SCN_X3_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.165	0.056	-0.109	0.127	0.127	0.000	
	MM	PROF55 - SCN_X3_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.079	0.079	0.009	0.127	0.127	0.000	
	MM	PROF56 - SCN_X3_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.032	0.032	0.000	0.127	0.127	0.000	
	MM	29 - LINC_X3_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.006	0.006	0.006	0.127	0.127	0.000	

⌖	MM	30 - LINC_X3_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.002	0.002	0.002	0.127	0.127	0.000	
⌖	MM	31 - LINC_X3_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.047	0.047	0.047	0.127	0.127	0.000	
⌖	MM	32 - LINC_X3_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.043	0.043	0.043	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 3 at 0mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only (O.D. & Sides)

⌓	MM	PROF357 - SCN_X3_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.088	0.088	0.045	0.127	0.127	0.000	
⌓	MM	PROF358 - SCN_X3_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.065	0.065	0.036	0.127	0.127	0.000	
⌓	MM	PROF359 - SCN_X3_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.180	0.032	-0.148	0.127	0.127	0.021	
⌓	MM	PROF360 - SCN_X3_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.014	0.014	-0.001	0.127	0.127	0.000	
⌓	MM	PROF361 - SCN_X3_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.008	0.008	0.003	0.127	0.127	0.000	
⌓	MM	PROF362 - SCN_X3_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.163	0.038	-0.125	0.127	0.127	0.000	

	MM	PROF363 - SCN_X3_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.093	0.093	0.023	0.127	0.127	0.000

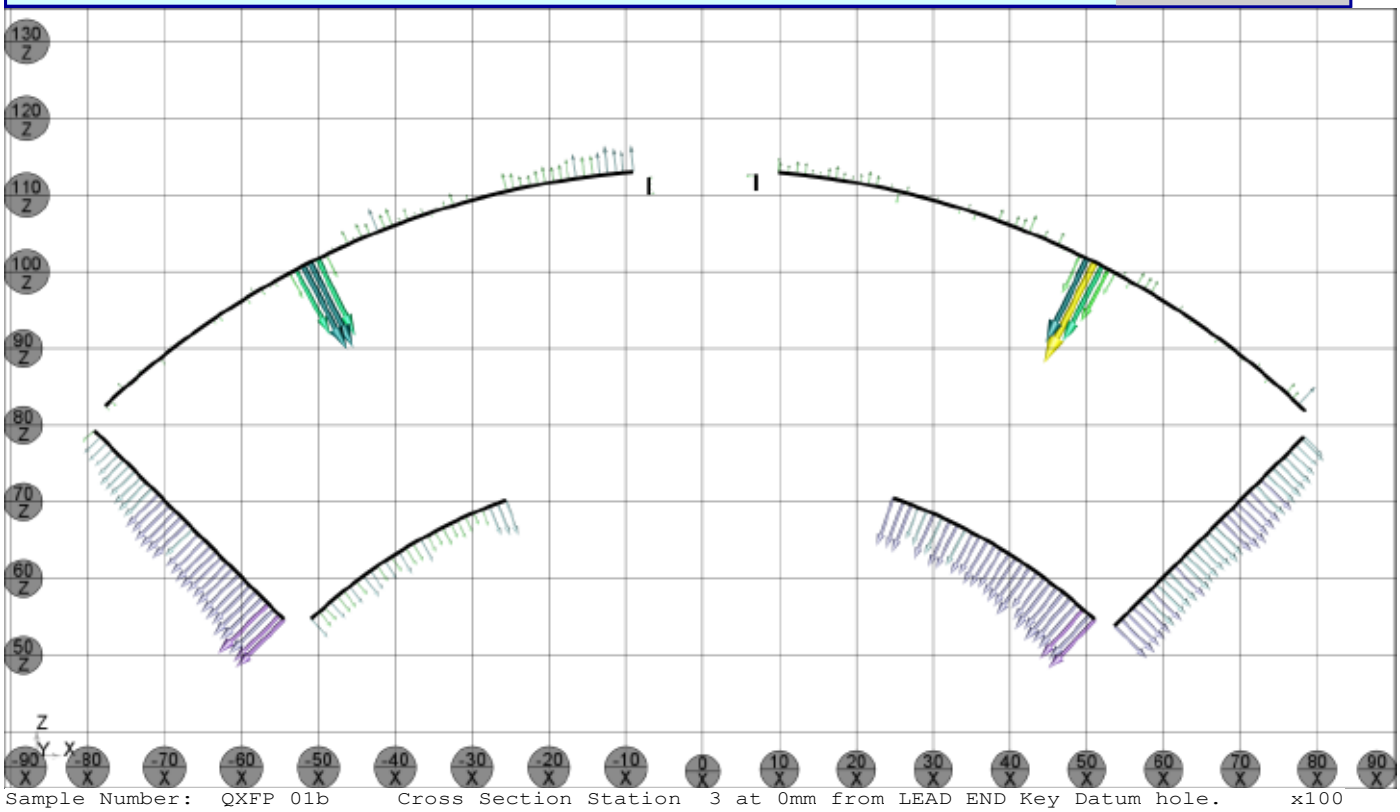
	MM	PROF364 - SCN_X3_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.049	0.049	0.017	0.127	0.127	0.000

	MM	21 - LINC_X3_SLN				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	0.005	0.005	0.005	0.127	0.127	0.000

	MM	22 - LINC_X3_SLP				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	0.003	0.003	0.003	0.127	0.127	0.000

	MM	23 - LINC_X3_SN				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	0.060	0.060	0.060	0.127	0.127	0.000

	MM	24 - LINC_X3_SP				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	0.055	0.055	0.055	0.127	0.127	0.000



Sample Number: QXFP 01b Cross Section Station 3 at 0mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Previous fit + B.F. Rot & Trans to O.D. + Rot around 0,0,0 to slot

	MM	PROF283 - SCN_X3_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.086	0.086	0.044	0.127	0.127	0.000

	MM	PROF284 - SCN_X3_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.068	0.068	0.039	0.127	0.127	0.000

	MM	PROF285 - SCN_X3_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.181	0.034	-0.147	0.127	0.127	0.020

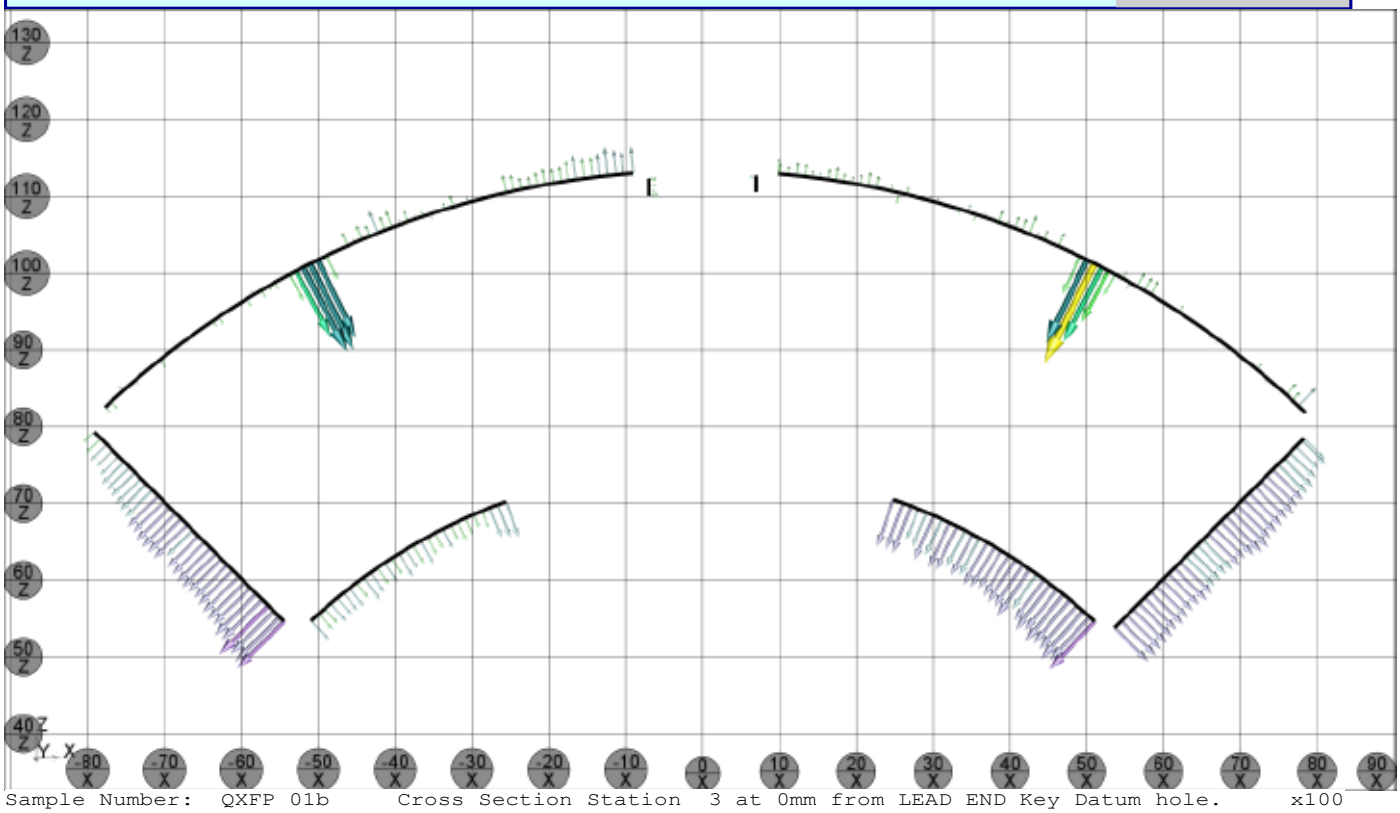
	MM	PROF286 - SCN_X3_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.014	0.009	-0.005	0.127	0.127	0.000

	MM	PROF287 - SCN_X3_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.012	0.012	0.007	0.127	0.127	0.000

	MM	PROF288 - SCN_X3_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.164	0.038	-0.126	0.127	0.127	0.000

	MM	PROF289 - SCN_X3_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.090	0.090	0.019	0.127	0.127	0.000

	MM	PROF290 - SCN_X3_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.050	0.050	0.018	0.127	0.127	0.000



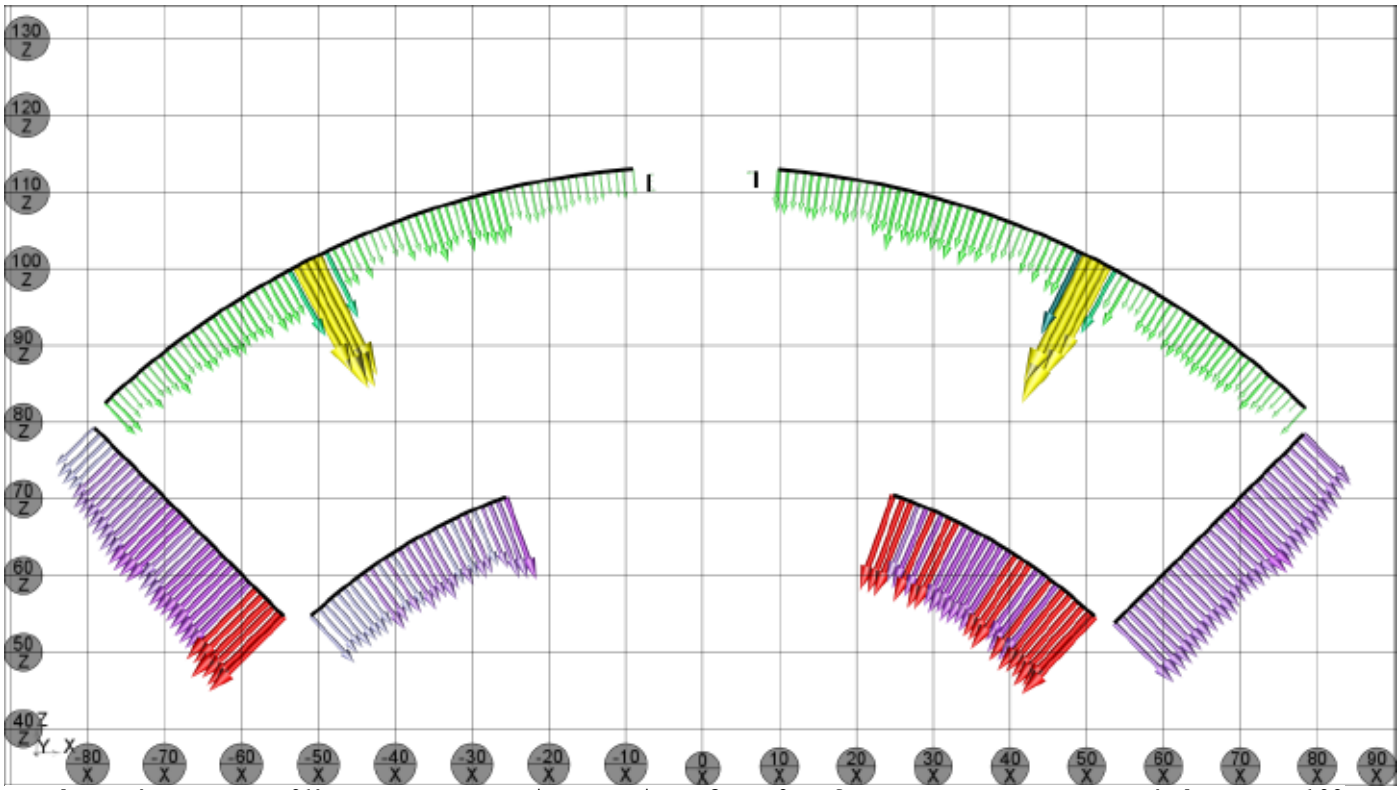
Sample Number: QXFP 01b Cross Section Station 3 at 0mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only -Z- is O.D. & -X- is Sides

	MM	4 - CIRCX3				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.000	0.023	0.023	0.100	0.100	0.000
Z	0.000	0.000	0.000	0.000	0.000	0.000
R	113.380	113.313	-0.067	0.127	0.127	0.000
RN	0.000	0.191	0.191	0.127	0.000	0.064

	MM	PROF83 - SCN_X3_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.140	0.140	0.110	0.127	0.127	0.013

	MM	PROF84 - SCN_X3_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.115	0.115	0.086	0.127	0.127	0.000

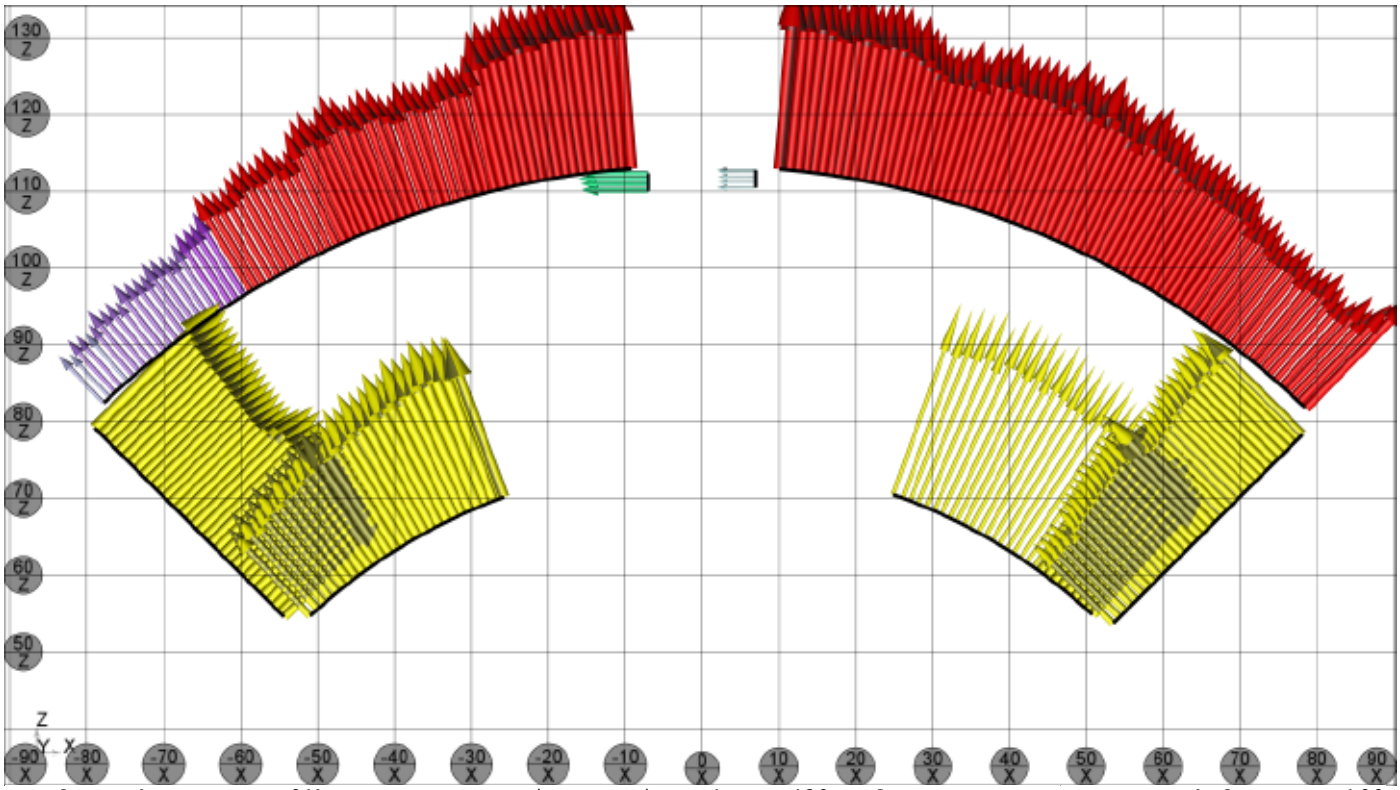
	MM	PROF85 - SCN_X3_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.211	-0.020	-0.211	0.127	0.127	0.084	
	MM	PROF86 - SCN_X3_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.014	0.013	-0.001	0.127	0.127	0.000	
	MM	PROF87 - SCN_X3_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.009	0.009	0.004	0.127	0.127	0.000	
	MM	PROF88 - SCN_X3_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.187	-0.031	-0.187	0.127	0.127	0.060	
	MM	PROF89 - SCN_X3_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.142	0.142	0.071	0.127	0.127	0.015	
	MM	PROF90 - SCN_X3_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.115	0.115	0.077	0.127	0.127	0.000	
	MM	33 - LINC_X3_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.006	0.006	0.006	0.127	0.127	0.000	
	MM	34 - LINC_X3_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.002	0.002	0.002	0.127	0.127	0.000	
	MM	35 - LINC_X3_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.109	0.109	0.109	0.127	0.127	0.000	
	MM	36 - LINC_X3_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.105	0.105	0.105	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 3 at 0mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 4 at -420mm from LEAD END Key Datum hole SLOTTED O.D. ========

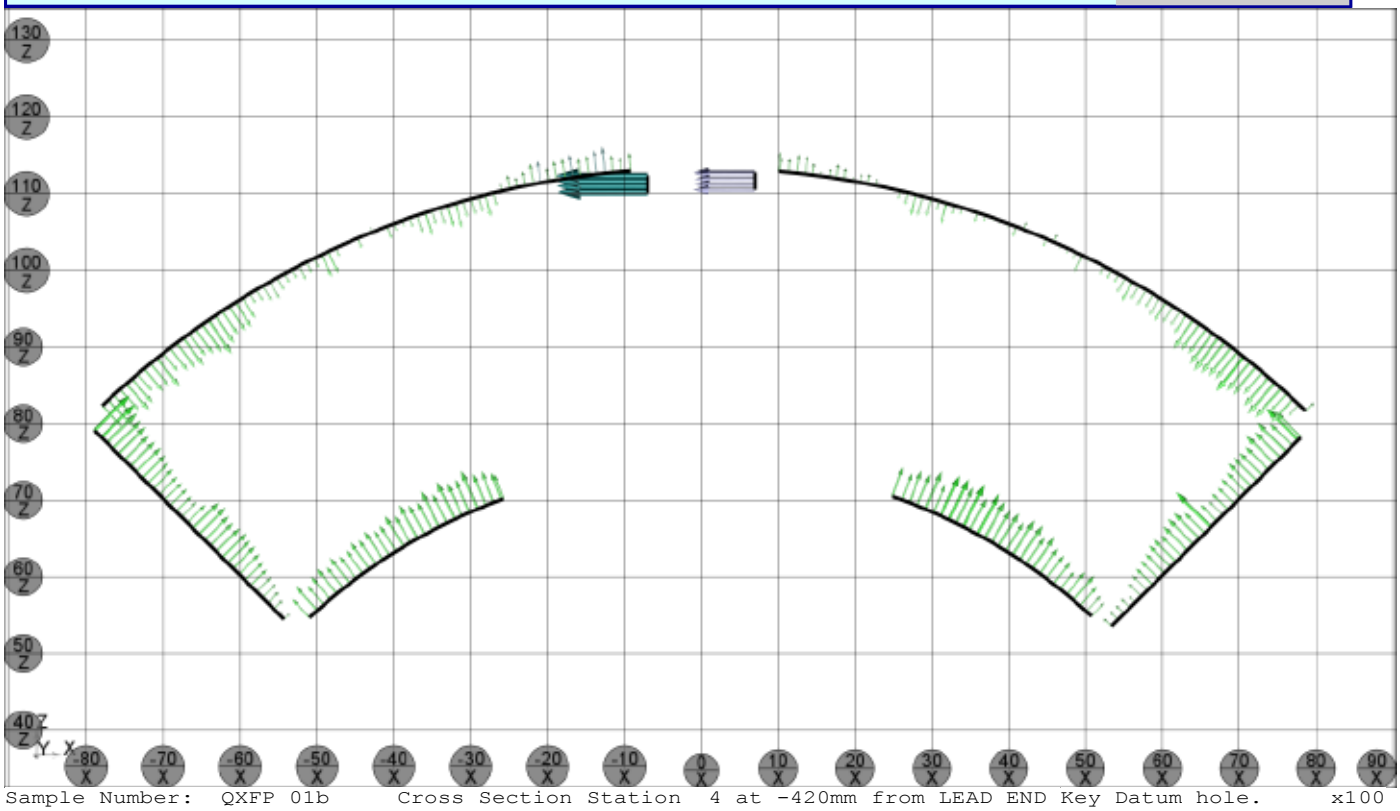
	MM	PROF57 - SCN_X4_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.282	-0.223	-0.282	0.127	0.127	0.155	
	MM	PROF58 - SCN_X4_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.202	-0.145	-0.202	0.127	0.127	0.075	
	MM	PROF59 - SCN_X4_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.250	0.250	0.147	0.127	0.127	0.123	
	MM	PROF60 - SCN_X4_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.051	0.051	0.050	0.127	0.127	0.000	
	MM	PROF61 - SCN_X4_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.091	-0.086	-0.091	0.127	0.127	0.000	
	MM	PROF62 - SCN_X4_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.248	0.248	0.077	0.127	0.127	0.121	
	MM	PROF63 - SCN_X4_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.234	-0.181	-0.234	0.127	0.127	0.107	
	MM	PROF64 - SCN_X4_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.236	-0.157	-0.236	0.127	0.127	0.109	



Sample Number: QXFP 01b Cross Section Station 4 at -420mm from LEAD END Key Datum hole. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF65 - SCN_X4_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.062	-0.025	-0.062	0.127	0.127	0.000	
	MM	PROF66 - SCN_X4_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.064	-0.010	-0.064	0.127	0.127	0.000	
	MM	PROF67 - SCN_X4_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.083	0.026	-0.058	0.127	0.127	0.000	
	MM	PROF68 - SCN_X4_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.081	0.081	0.079	0.127	0.127	0.000	
	MM	PROF69 - SCN_X4_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.121	-0.117	-0.121	0.127	0.127	0.000	
	MM	PROF70 - SCN_X4_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.090	0.035	-0.054	0.127	0.127	0.000	
	MM	PROF71 - SCN_X4_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.065	-0.004	-0.065	0.127	0.127	0.000	
	MM	PROF72 - SCN_X4_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.055	-0.032	-0.055	0.127	0.127	0.000	
	MM	37 - LINC_X4_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.119	-0.119	-0.119	0.127	0.127	0.000	

⌖	MM	38 - LINC_X4_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.080	0.080	0.080	0.127	0.127	0.000	
⌖	MM	39 - LINC_X4_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.038	-0.038	-0.038	0.127	0.127	0.000	
⌖	MM	40 - LINC_X4_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.036	-0.036	-0.036	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 4 at -420mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only (O.D. & Sides)

⌓	MM	PROF365 - SCN_X4_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.075	-0.035	-0.075	0.127	0.127	0.000	
⌓	MM	PROF366 - SCN_X4_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.051	0.051	0.009	0.127	0.127	0.000	
⌓	MM	PROF367 - SCN_X4_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.087	0.041	-0.046	0.127	0.127	0.000	
⌓	MM	PROF368 - SCN_X4_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.021	-0.017	-0.021	0.127	0.127	0.000	
⌓	MM	PROF369 - SCN_X4_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.021	-0.018	-0.021	0.127	0.127	0.000	
⌓	MM	PROF370 - SCN_X4_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.092	0.050	-0.041	0.127	0.127	0.000	

	MM	PROF371 - SCN_X4_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.176	-0.084	-0.176	0.127	0.127	0.049	

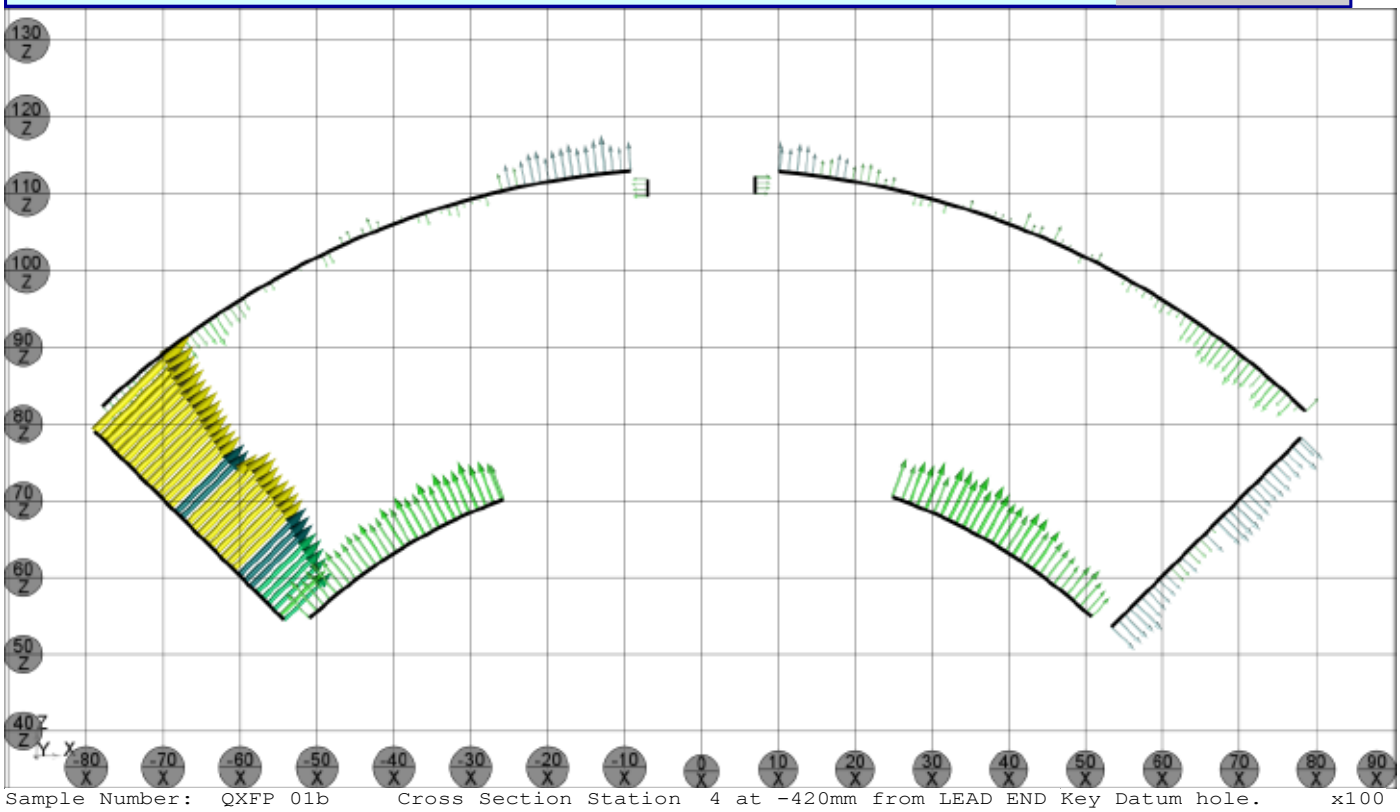
	MM	PROF372 - SCN_X4_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.069	-0.044	-0.069	0.127	0.127	0.000	

	MM	25 - LINC_X4_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.020	-0.020	-0.020	0.127	0.127	0.000	

	MM	26 - LINC_X4_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.019	-0.019	-0.019	0.127	0.127	0.000	

	MM	27 - LINC_X4_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.133	-0.133	-0.133	0.127	0.127	0.006	

	MM	28 - LINC_X4_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.036	0.036	0.036	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 4 at -420mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Previous fit + B.F. Rot & Trans to O.D. + Rot around 0,0,0 to slot

	MM	PROF291 - SCN_X4_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.075	-0.035	-0.075	0.127	0.127	0.000	

	MM	PROF292 - SCN_X4_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.075	-0.021	-0.075	0.127	0.127	0.000	

	MM	PROF293 - SCN_X4_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.087	0.041	-0.046	0.127	0.127	0.000	

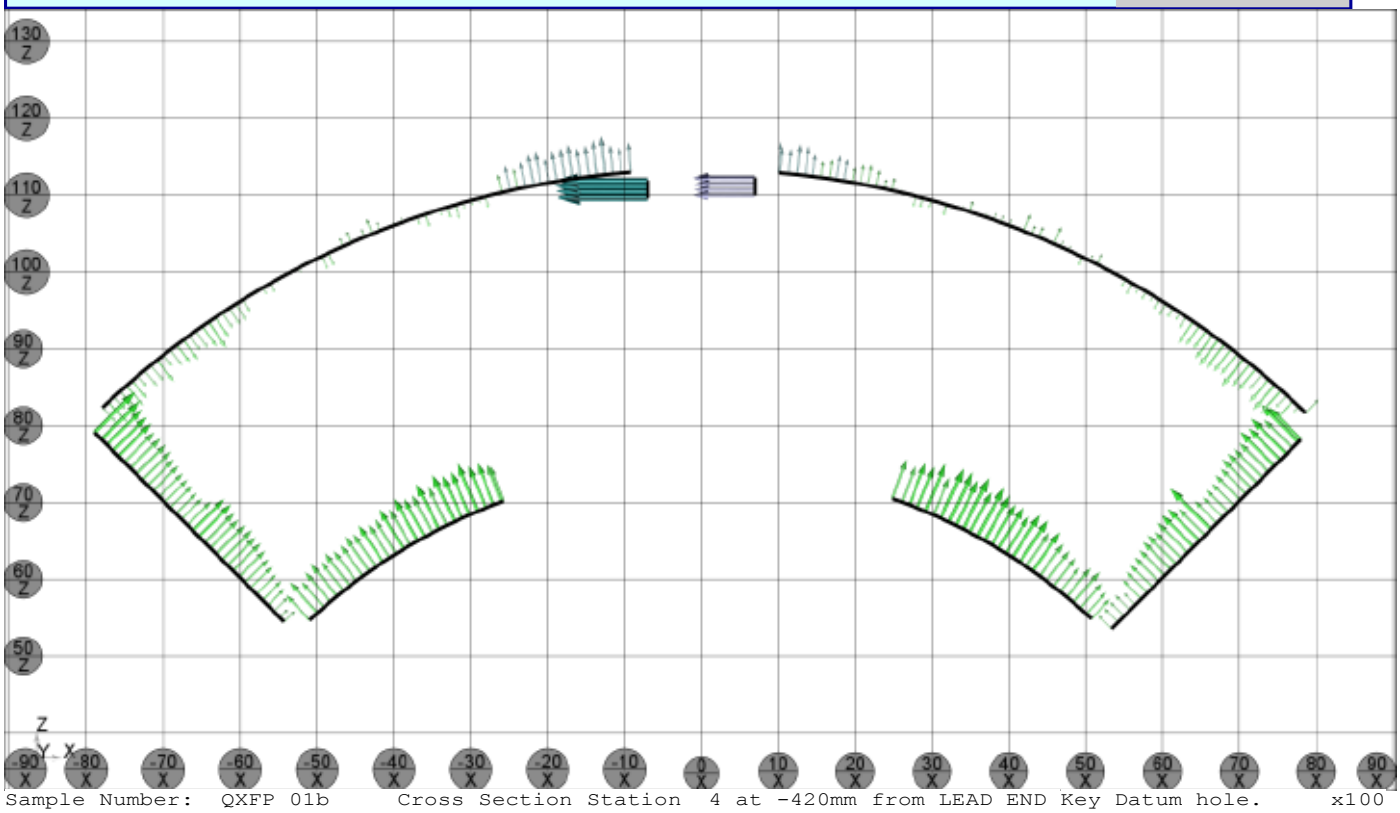
	MM	PROF294 - SCN_X4_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.082	0.082	0.080	0.127	0.127	0.000

	MM	PROF295 - SCN_X4_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.122	-0.117	-0.122	0.127	0.127	0.000

	MM	PROF296 - SCN_X4_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.092	0.050	-0.041	0.127	0.127	0.000

	MM	PROF297 - SCN_X4_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.075	-0.014	-0.075	0.127	0.127	0.000

	MM	PROF298 - SCN_X4_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.069	-0.044	-0.069	0.127	0.127	0.000



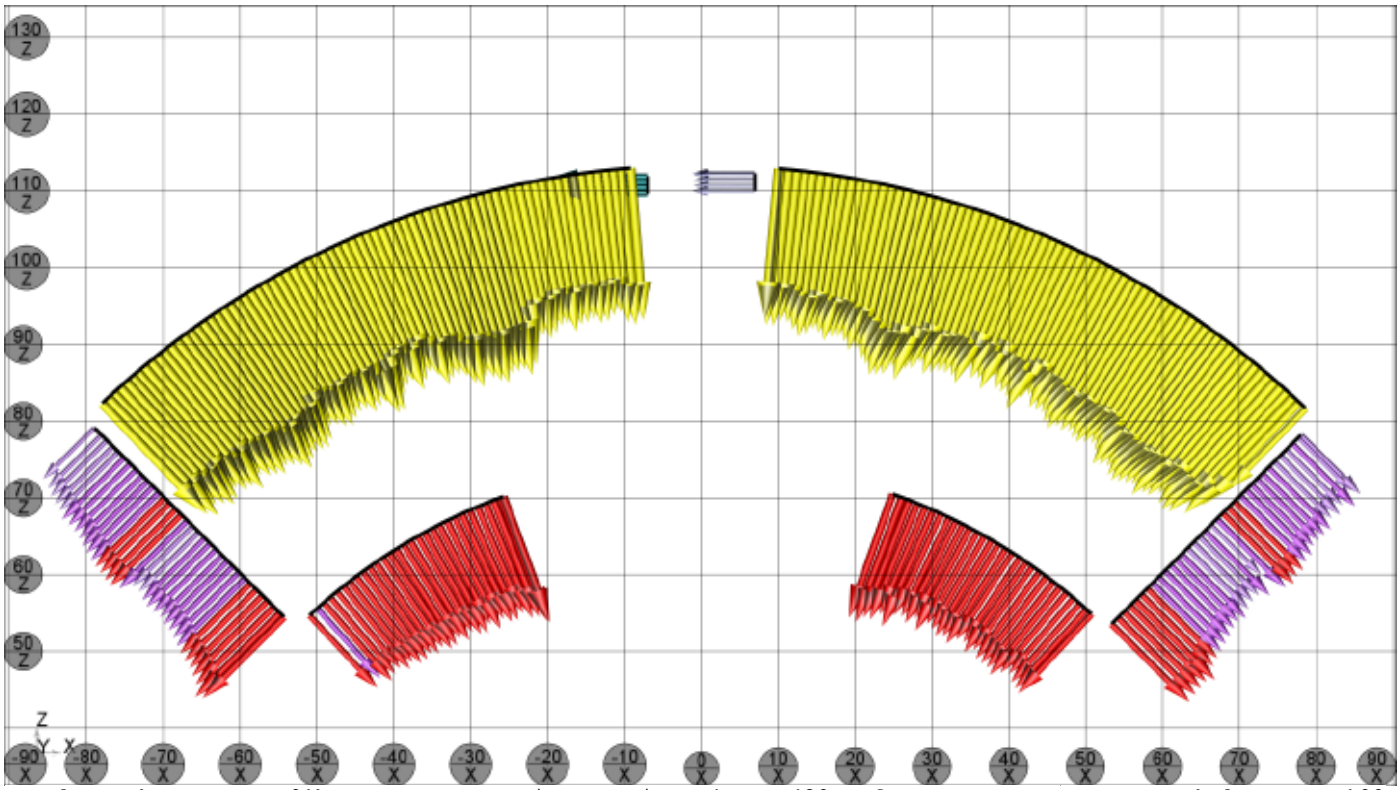
Sample Number: QXFP 01b Cross Section Station 4 at -420mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

	MM	2 - CIRCX4				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	0.000	0.000	0.000	0.000	0.000
Y	-420.000	-419.978	0.022	0.100	0.100	0.000
Z	0.000	0.000	0.000	0.000	0.000	0.000
R	113.380	113.161	-0.219	0.127	0.127	0.092
RN	0.000	0.100	0.100	0.127	0.000	0.000

	MM	PROF91 - SCN_X4_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.173	0.173	0.130	0.127	0.127	0.046

	MM	PROF92 - SCN_X4_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.147	0.147	0.093	0.127	0.127	0.020

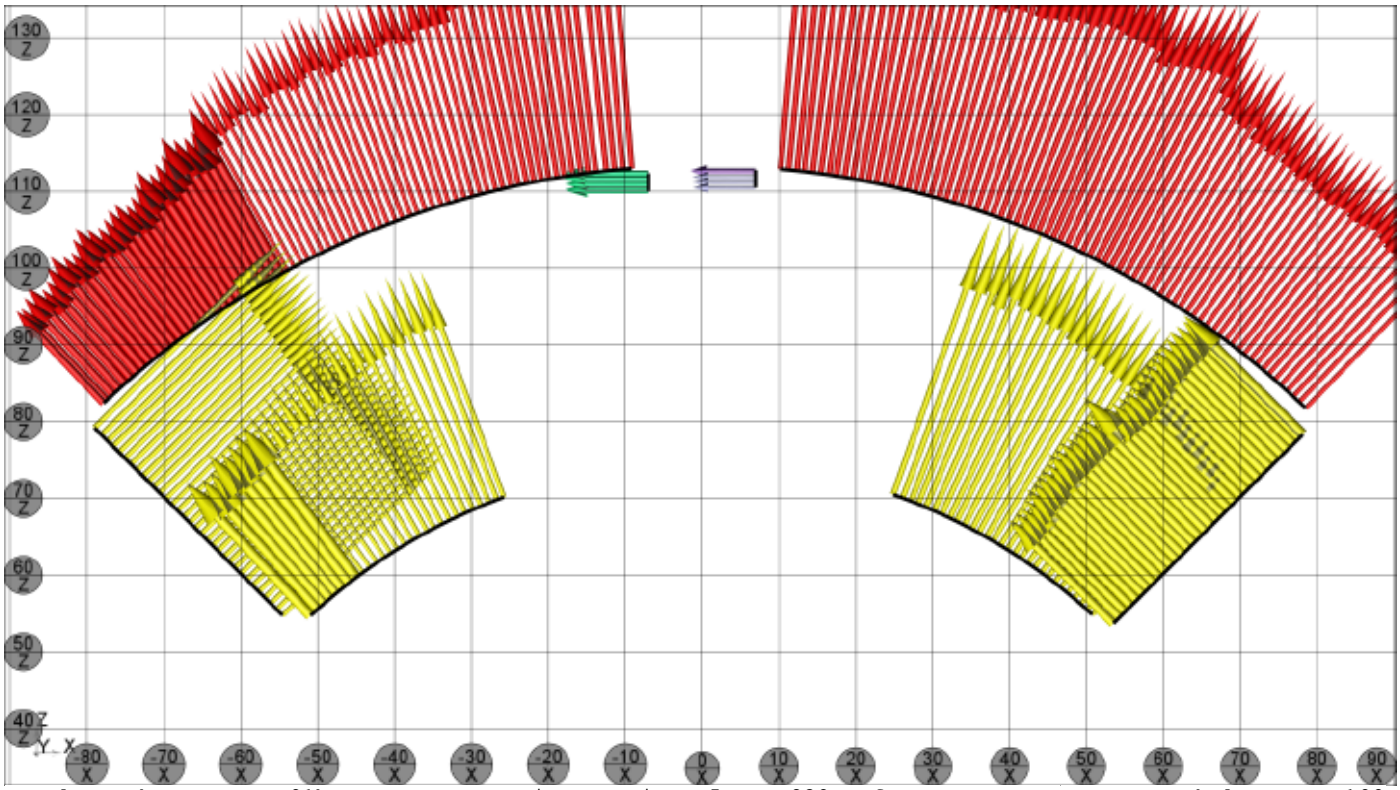
	MM	PROF93 - SCN_X4_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.246	-0.148	-0.246	0.127	0.127	0.119	
	MM	PROF94 - SCN_X4_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.083	0.083	0.081	0.127	0.127	0.000	
	MM	PROF95 - SCN_X4_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.123	-0.118	-0.123	0.127	0.127	0.000	
	MM	PROF96 - SCN_X4_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.248	-0.187	-0.248	0.127	0.127	0.121	
	MM	PROF97 - SCN_X4_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.155	0.155	0.094	0.127	0.127	0.028	
	MM	PROF98 - SCN_X4_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.175	0.175	0.123	0.127	0.127	0.048	
	MM	41 - LINC_X4_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.121	-0.121	-0.121	0.127	0.127	0.000	
	MM	42 - LINC_X4_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.082	0.082	0.082	0.127	0.127	0.000	
	MM	43 - LINC_X4_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.122	0.122	0.122	0.127	0.127	0.000	
	MM	44 - LINC_X4_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.121	0.121	0.121	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 4 at -420mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 5 at -820mm from LEAD END Key Datum hole SLOTTED O.D. ========

	MM	PROF99 - SCN_X5_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.394	-0.294	-0.394	0.127	0.127	0.267	
	MM	PROF100 - SCN_X5_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.236	-0.191	-0.236	0.127	0.127	0.109	
	MM	PROF101 - SCN_X5_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.388	0.388	0.294	0.127	0.127	0.261	
	MM	PROF102 - SCN_X5_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.085	0.085	0.083	0.127	0.127	0.000	
	MM	PROF103 - SCN_X5_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.112	-0.106	-0.112	0.127	0.127	0.000	
	MM	PROF104 - SCN_X5_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.374	0.374	0.163	0.127	0.127	0.247	
	MM	PROF105 - SCN_X5_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.350	-0.302	-0.350	0.127	0.127	0.223	
	MM	PROF106 - SCN_X5_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.323	-0.226	-0.323	0.127	0.127	0.196	



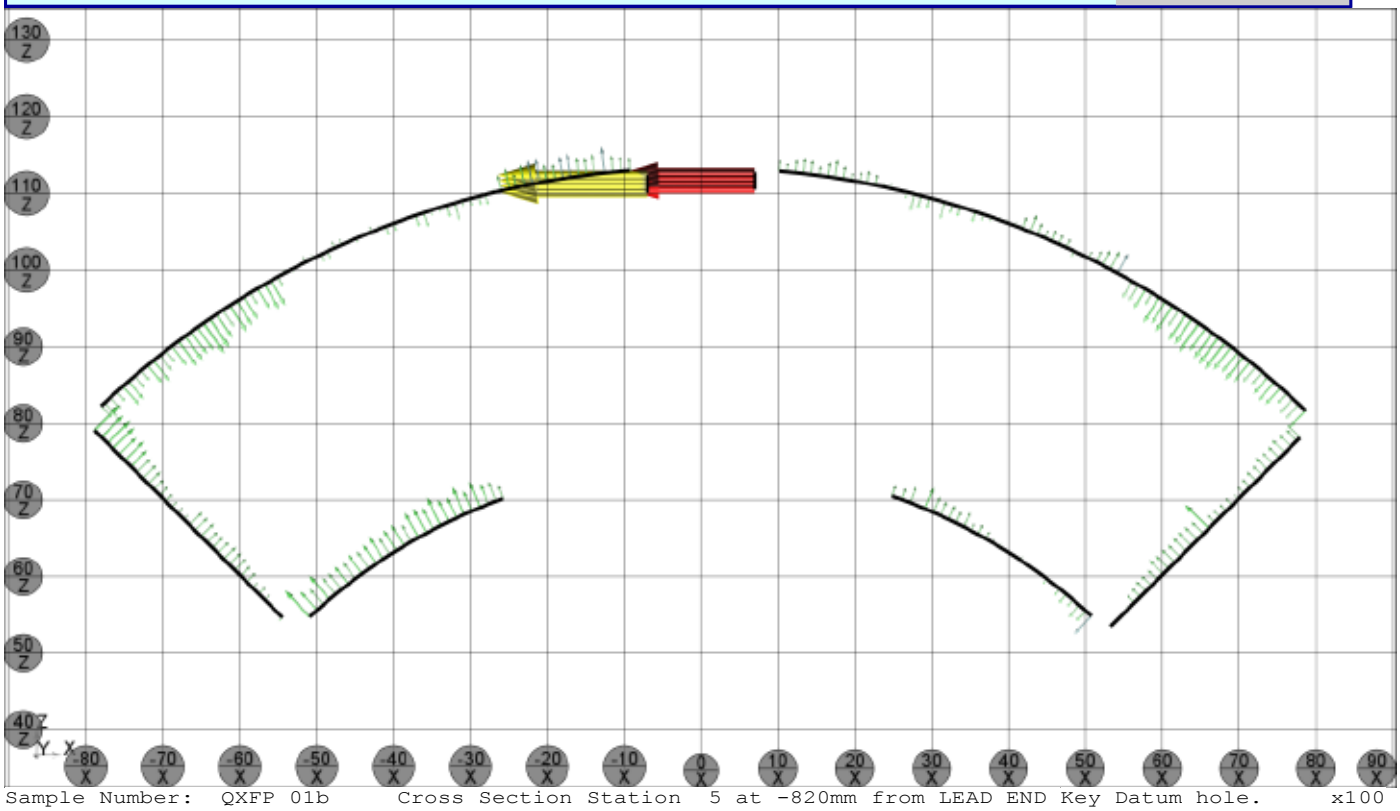
Sample Number: QXFP 01b Cross Section Station 5 at -820mm from LEAD END Key Datum hole. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF107 - SCN_X5_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.063	0.033	-0.030	0.127	0.127	0.000	
	MM	PROF108 - SCN_X5_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.044	-0.001	-0.044	0.127	0.127	0.000	
	MM	PROF109 - SCN_X5_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.075	0.029	-0.046	0.127	0.127	0.000	
	MM	PROF110 - SCN_X5_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.169	0.169	0.167	0.127	0.127	0.042	
	MM	PROF111 - SCN_X5_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.196	-0.190	-0.196	0.127	0.127	0.069	
	MM	PROF112 - SCN_X5_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.084	0.035	-0.049	0.127	0.127	0.000	
	MM	PROF113 - SCN_X5_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.053	0.006	-0.047	0.127	0.127	0.000	
	MM	PROF114 - SCN_X5_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.047	-0.018	-0.047	0.127	0.127	0.000	
	MM	45 - LINC_X5_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.193	-0.193	-0.193	0.127	0.127	0.066	

	MM	46 - LINC_X5_SLP				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	0.167	0.167	0.167	0.127	0.127	0.040

	MM	47 - LINC_X5_SN				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	-0.020	-0.020	-0.020	0.127	0.127	0.000

	MM	48 - LINC_X5_SP				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	-0.018	-0.018	-0.018	0.127	0.127	0.000



Sample Number: QXFP 01b Cross Section Station 5 at -820mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF373 - SCN_X5_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.065	0.029	-0.036	0.127	0.127	0.000

	MM	PROF374 - SCN_X5_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.153	0.153	0.103	0.127	0.127	0.026

	MM	PROF375 - SCN_X5_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.076	0.035	-0.040	0.127	0.127	0.000

	MM	PROF376 - SCN_X5_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.014	-0.012	-0.014	0.127	0.127	0.000

	MM	PROF377 - SCN_X5_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.014	-0.012	-0.014	0.127	0.127	0.000

	MM	PROF378 - SCN_X5_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.085	0.042	-0.042	0.127	0.127	0.000

	MM	PROF379 - SCN_X5_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.234	-0.124	-0.234	0.127	0.127	0.107

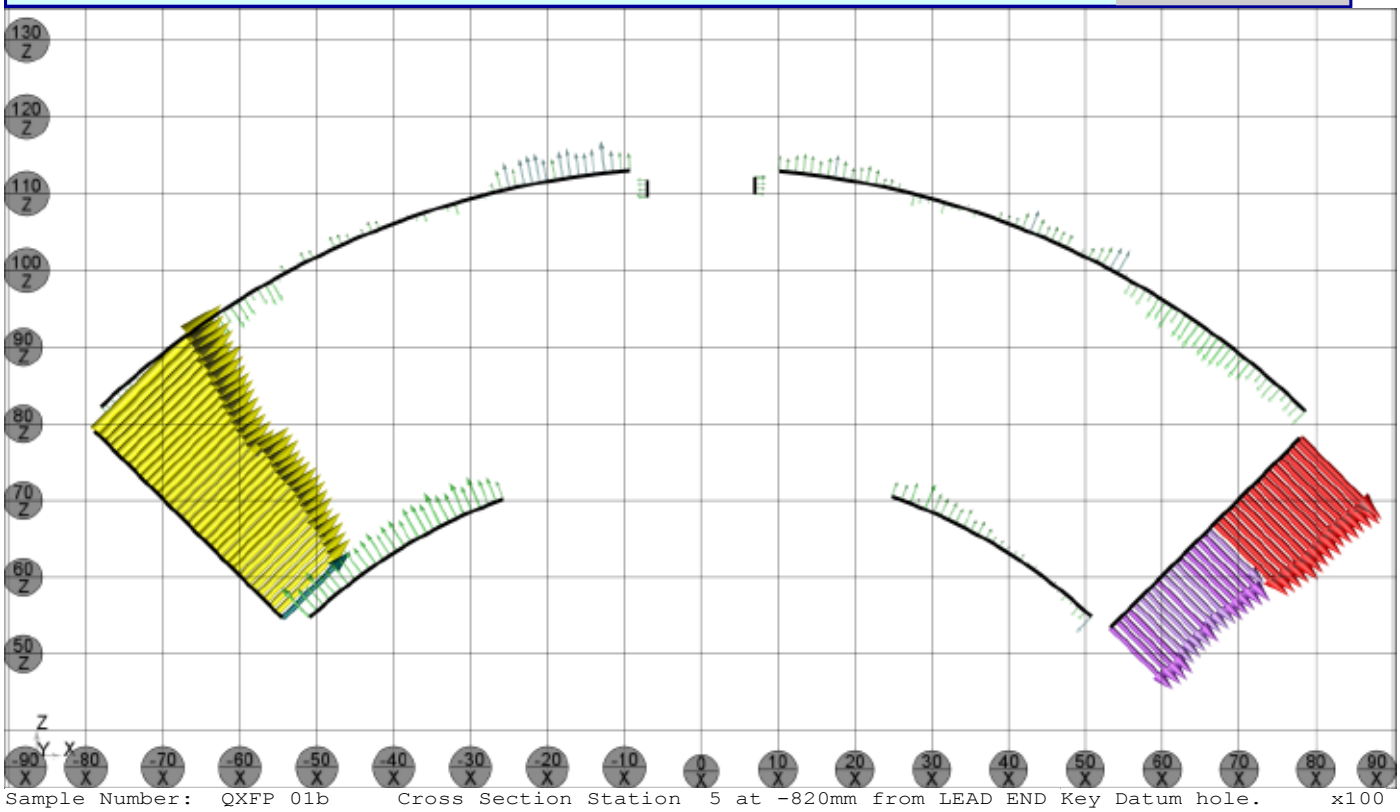
	MM	PROF380 - SCN_X5_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.054	-0.026	-0.054	0.127	0.127	0.000

	MM	93 - LINC_X5_SLN				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	-0.013	-0.013	-0.013	0.127	0.127	0.000

	MM	94 - LINC_X5_SLP				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	-0.013	-0.013	-0.013	0.127	0.127	0.000

	MM	95 - LINC_X5_SN				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	-0.179	-0.179	-0.179	0.127	0.127	0.052

	MM	96 - LINC_X5_SP				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	0.128	0.128	0.128	0.127	0.127	0.001



Sample Number: QXFP 01b Cross Section Station 5 at -820mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Previous fit + B.F. Rot & Trans to O.D. + Rot around 0,0,0 to slot

	MM	PROF299 - SCN_X5_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.065	0.028	-0.036	0.127	0.127	0.000

	MM	PROF300 - SCN_X5_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.050	-0.007	-0.050	0.127	0.127	0.000

	MM	PROF301 - SCN_X5_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.076	0.035	-0.040	0.127	0.127	0.000

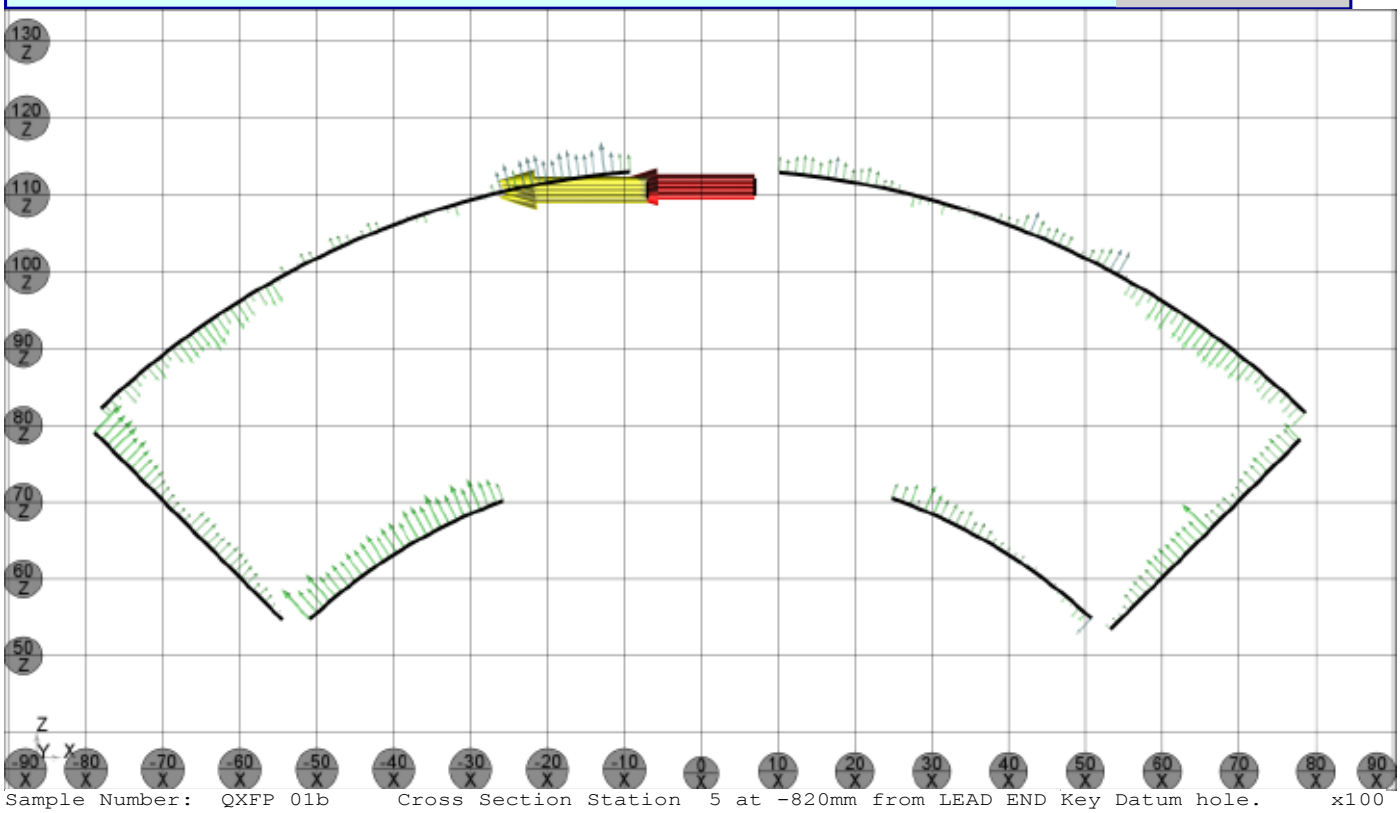
	MM	PROF302 - SCN_X5_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.170	0.170	0.168	0.127	0.127	0.043

	MM	PROF303 - SCN_X5_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.197	-0.191	-0.197	0.127	0.127	0.070

	MM	PROF304 - SCN_X5_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.085	0.043	-0.042	0.127	0.127	0.000

	MM	PROF305 - SCN_X5_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.053	0.002	-0.051	0.127	0.127	0.000

	MM	PROF306 - SCN_X5_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.054	-0.026	-0.054	0.127	0.127	0.000



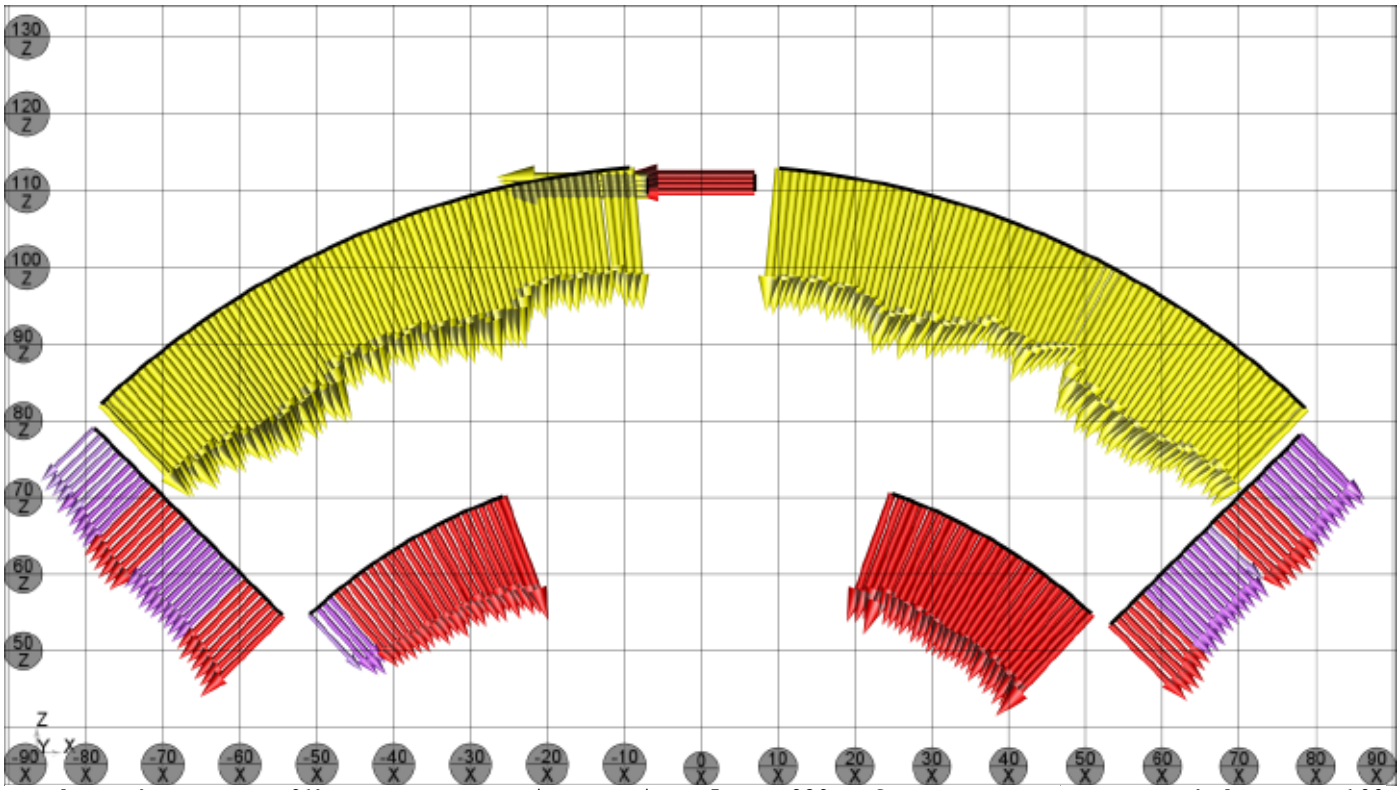
Sample Number: QXFP 01b Cross Section Station 5 at -820mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

	MM	5 - CIRCX5				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	0.000	0.000	0.000	0.000	0.000
Y	-820.000	-819.977	0.023	0.100	0.100	0.000
Z	0.000	0.000	0.000	0.000	0.000	0.000
R	113.380	113.186	-0.194	0.127	0.127	0.067
RN	0.000	0.071	0.071	0.127	0.000	0.000

	MM	PROF115 - SCN_X5_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.185	0.185	0.158	0.127	0.127	0.058

	MM	PROF116 - SCN_X5_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.142	0.142	0.099	0.127	0.127	0.015

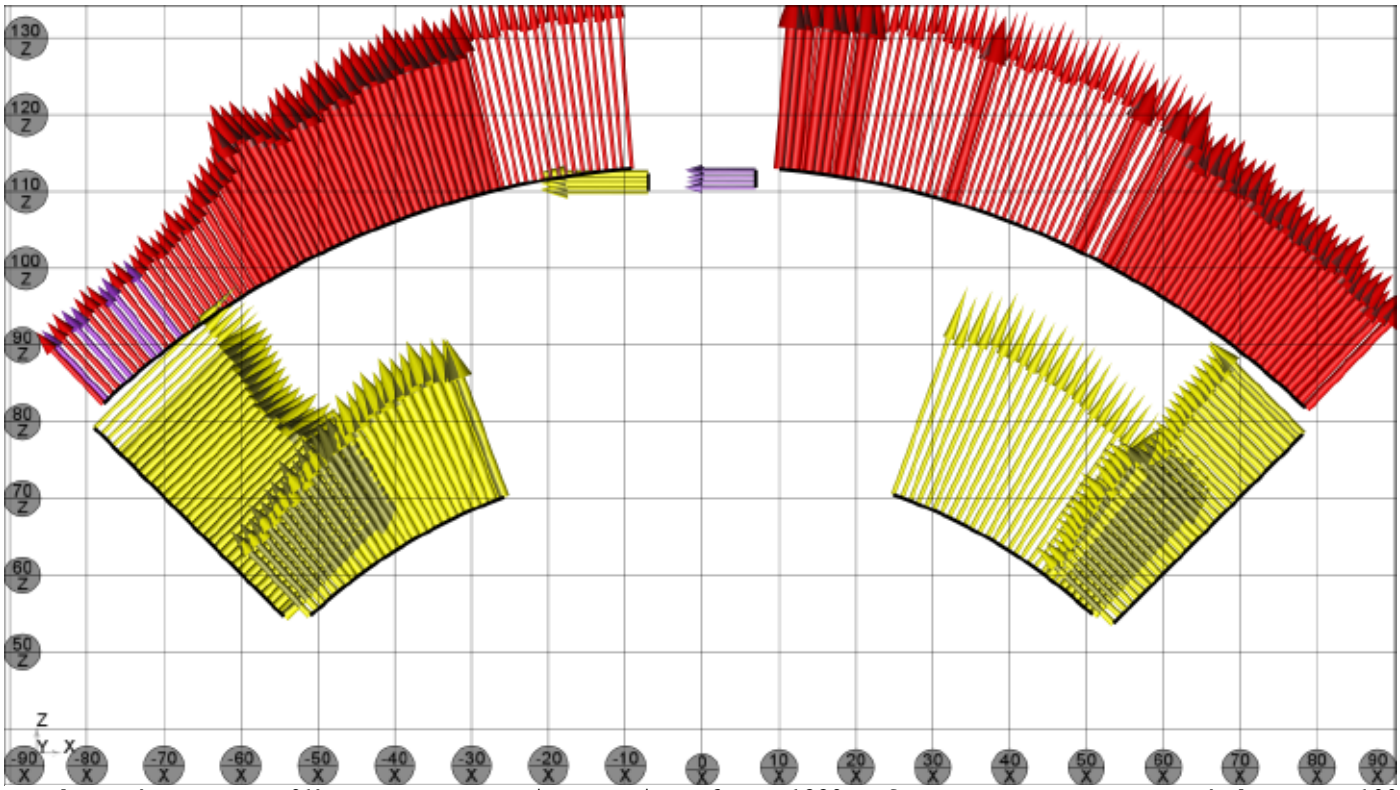
	MM	PROF117 - SCN_X5_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.221	-0.150	-0.221	0.127	0.127	0.094	
	MM	PROF118 - SCN_X5_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.170	0.170	0.168	0.127	0.127	0.043	
	MM	PROF119 - SCN_X5_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.197	-0.191	-0.197	0.127	0.127	0.070	
	MM	PROF120 - SCN_X5_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.219	-0.166	-0.219	0.127	0.127	0.092	
	MM	PROF121 - SCN_X5_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.151	0.151	0.098	0.127	0.127	0.024	
	MM	PROF122 - SCN_X5_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.173	0.173	0.101	0.127	0.127	0.046	
	MM	49 - LINC_X5_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.194	-0.194	-0.194	0.127	0.127	0.067	
	MM	50 - LINC_X5_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.169	0.169	0.169	0.127	0.127	0.042	
	MM	51 - LINC_X5_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.124	0.124	0.124	0.127	0.127	0.000	
	MM	52 - LINC_X5_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.126	0.126	0.126	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 5 at -820mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 6 at -1220mm from LEAD END Key Datum hole SLOTTED O.D. ========

⌓	MM	PROF123 - SCN_X6_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.304	-0.232	-0.304	0.127	0.127	0.177	
⌓	MM	PROF124 - SCN_X6_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.171	-0.134	-0.171	0.127	0.127	0.044	
⌓	MM	PROF125 - SCN_X6_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.278	0.278	0.188	0.127	0.127	0.151	
⌓	MM	PROF126 - SCN_X6_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.094	0.094	0.090	0.127	0.127	0.000	
⌓	MM	PROF127 - SCN_X6_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.144	-0.139	-0.144	0.127	0.127	0.017	
⌓	MM	PROF128 - SCN_X6_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.270	0.270	0.121	0.127	0.127	0.143	
⌓	MM	PROF129 - SCN_X6_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.263	-0.223	-0.263	0.127	0.127	0.136	
⌓	MM	PROF130 - SCN_X6_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.236	-0.149	-0.236	0.127	0.127	0.109	



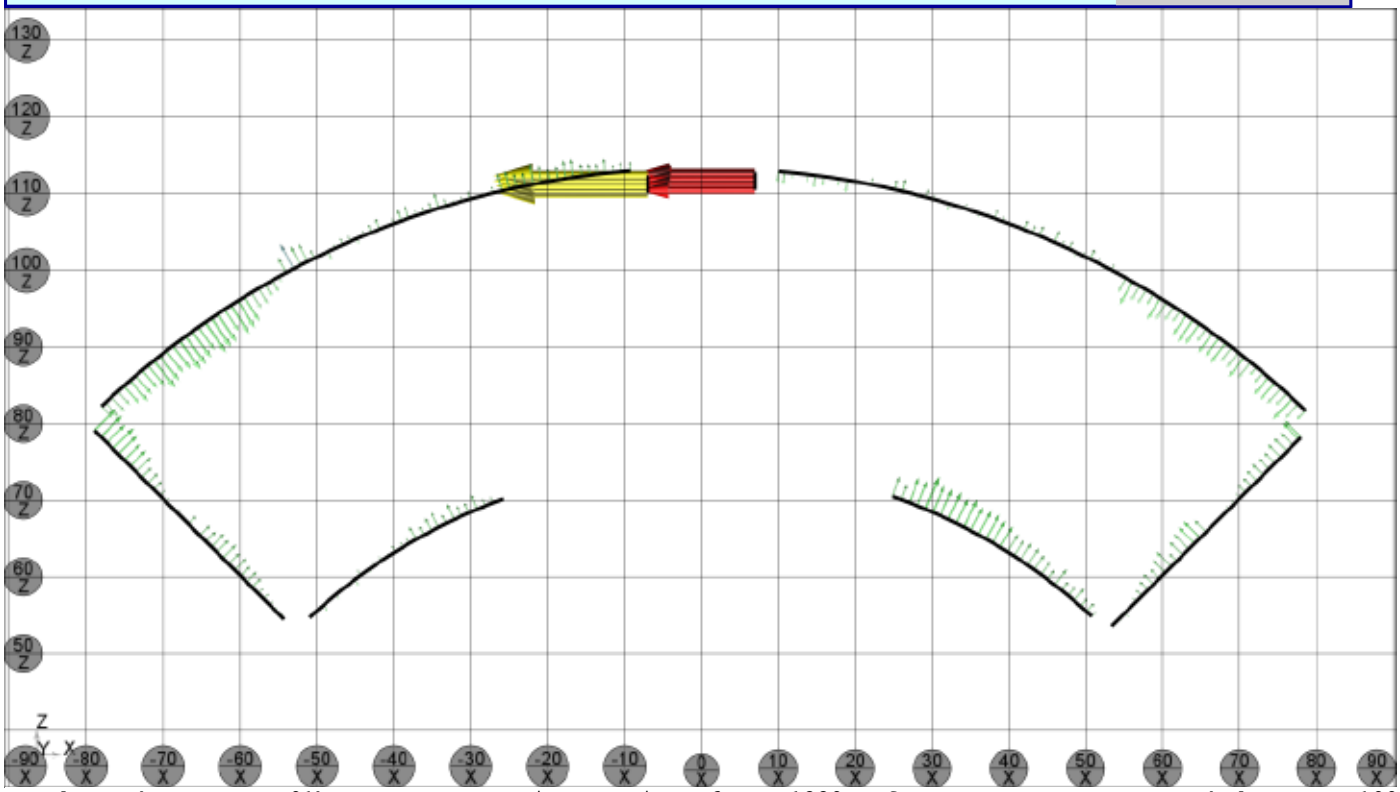
Sample Number: QXFP 01b Cross Section Station 6 at -1220mm from LEAD END Key Datum hole. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF131 - SCN_X6_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.046	-0.007	-0.046	0.127	0.127	0.000	
	MM	PROF132 - SCN_X6_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.038	0.007	-0.031	0.127	0.127	0.000	
	MM	PROF133 - SCN_X6_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.054	0.016	-0.038	0.127	0.127	0.000	
	MM	PROF134 - SCN_X6_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.151	0.151	0.147	0.127	0.127	0.024	
	MM	PROF135 - SCN_X6_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.201	-0.196	-0.201	0.127	0.127	0.074	
	MM	PROF136 - SCN_X6_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.086	0.037	-0.048	0.127	0.127	0.000	
	MM	PROF137 - SCN_X6_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.041	0.000	-0.041	0.127	0.127	0.000	
	MM	PROF138 - SCN_X6_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.032	0.009	-0.023	0.127	0.127	0.000	
	MM	54 - LINC_X6_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.199	-0.199	-0.199	0.127	0.127	0.072	

	MM	55 - LINC_X6_SLP				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	0.149	0.149	0.149	0.127	0.127	0.022

	MM	56 - LINC_X6_SN				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	-0.018	-0.018	-0.018	0.127	0.127	0.000

	MM	53 - LINC_X6_SP				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	-0.015	-0.015	-0.015	0.127	0.127	0.000



Sample Number: QXFP 01b Cross Section Station 6 at -1220mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF381 - SCN_X6_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.052	-0.011	-0.052	0.127	0.127	0.000

	MM	PROF382 - SCN_X6_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.147	0.147	0.103	0.127	0.127	0.020

	MM	PROF383 - SCN_X6_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.055	0.022	-0.033	0.127	0.127	0.000

	MM	PROF384 - SCN_X6_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.028	-0.021	-0.028	0.127	0.127	0.000

	MM	PROF385 - SCN_X6_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.027	-0.025	-0.027	0.127	0.127	0.000

	MM	PROF386 - SCN_X6_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.086	0.043	-0.043	0.127	0.127	0.000

	MM	PROF387 - SCN_X6_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.220	-0.126	-0.220	0.127	0.127	0.093	

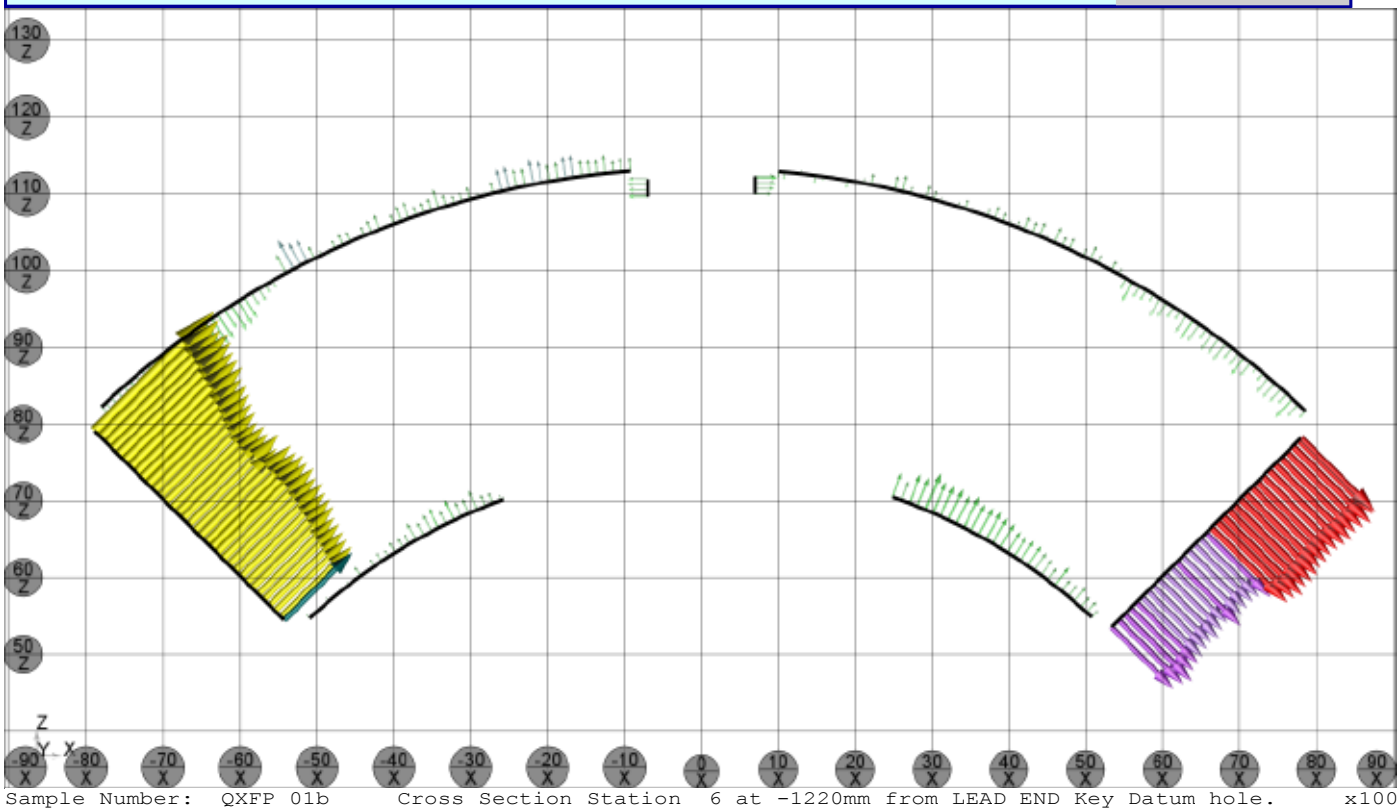
	MM	PROF388 - SCN_X6_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.033	0.003	-0.029	0.127	0.127	0.000	

	MM	97 - LINC_X6_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.026	-0.026	-0.026	0.127	0.127	0.000	

	MM	98 - LINC_X6_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.025	-0.025	-0.025	0.127	0.127	0.000	

	MM	99 - LINC_X6_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.170	-0.170	-0.170	0.127	0.127	0.043	

	MM	100 - LINC_X6_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.126	0.126	0.126	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 6 at -1220mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Previous fit + B.F. Rot & Trans to O.D. + Rot around 0,0,0 to slot

	MM	PROF307 - SCN_X6_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.052	-0.011	-0.052	0.127	0.127	0.000	

	MM	PROF308 - SCN_X6_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.038	0.001	-0.037	0.127	0.127	0.000	

	MM	PROF309 - SCN_X6_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.056	0.022	-0.034	0.127	0.127	0.000	

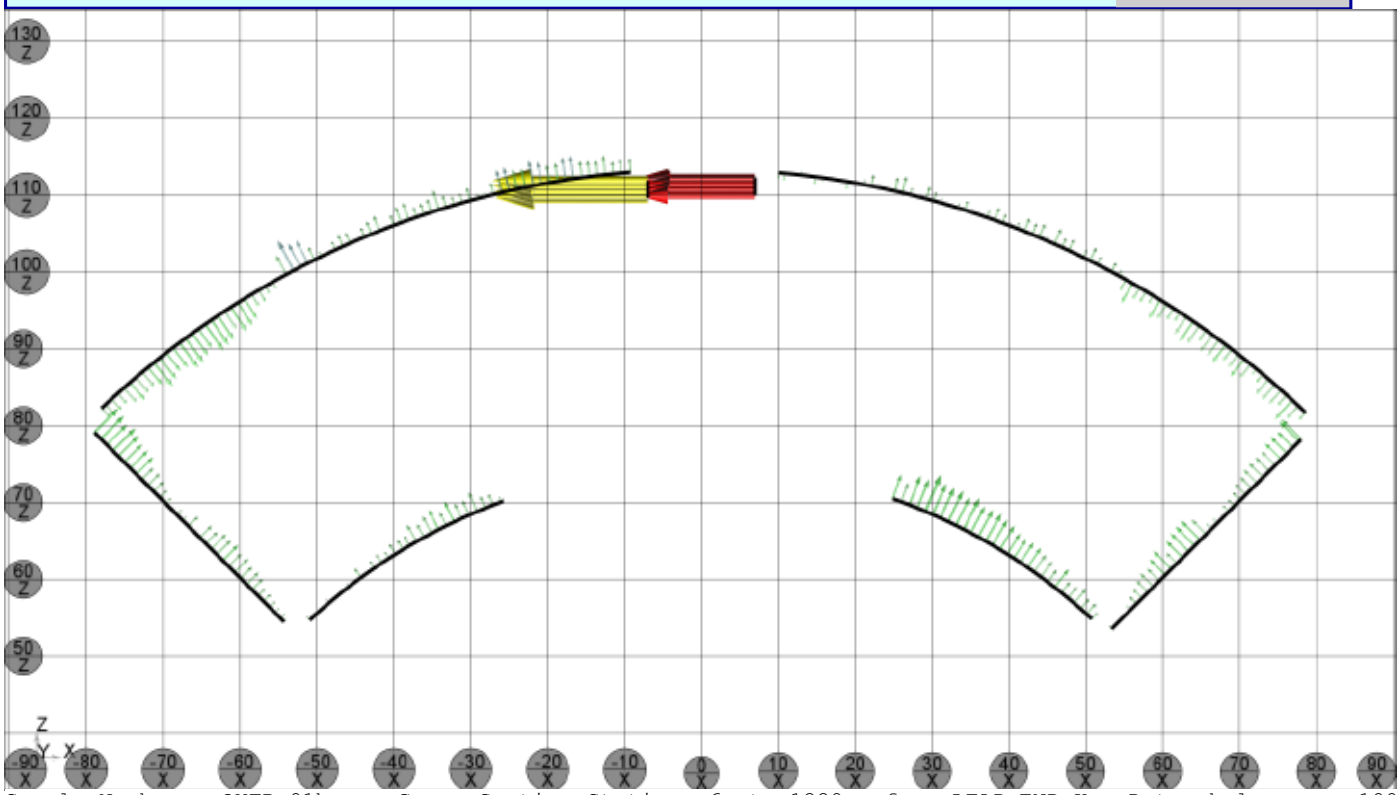
	MM	PROF310 - SCN_X6_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.152	0.152	0.148	0.127	0.127	0.025

	MM	PROF311 - SCN_X6_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.202	-0.197	-0.202	0.127	0.127	0.075

	MM	PROF312 - SCN_X6_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.086	0.044	-0.042	0.127	0.127	0.000

	MM	PROF313 - SCN_X6_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.044	-0.004	-0.044	0.127	0.127	0.000

	MM	PROF314 - SCN_X6_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.033	0.003	-0.029	0.127	0.127	0.000



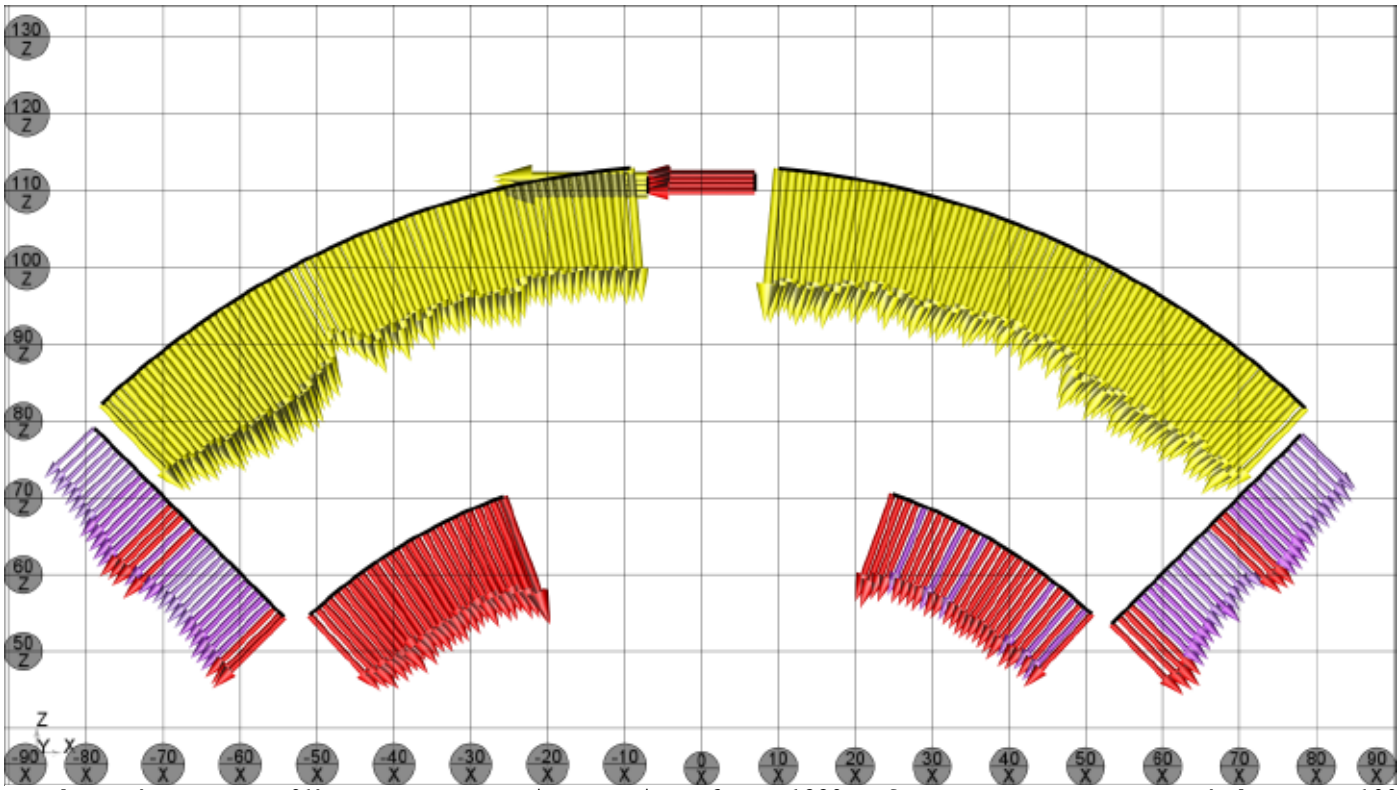
Sample Number: QXFP 01b Cross Section Station 6 at -1220mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

	MM	6 - CIRCX6				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	0.000	0.000	0.000	0.000	0.000
Y	-1220.000	-1219.978	0.022	0.100	0.100	0.000
Z	0.000	0.000	0.000	0.000	0.000	0.000
R	113.380	113.201	-0.179	0.127	0.127	0.052
RN	0.000	0.075	0.075	0.127	0.000	0.000

	MM	PROF139 - SCN_X6_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.155	0.155	0.122	0.127	0.127	0.028

	MM	PROF140 - SCN_X6_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.139	0.139	0.101	0.127	0.127	0.012

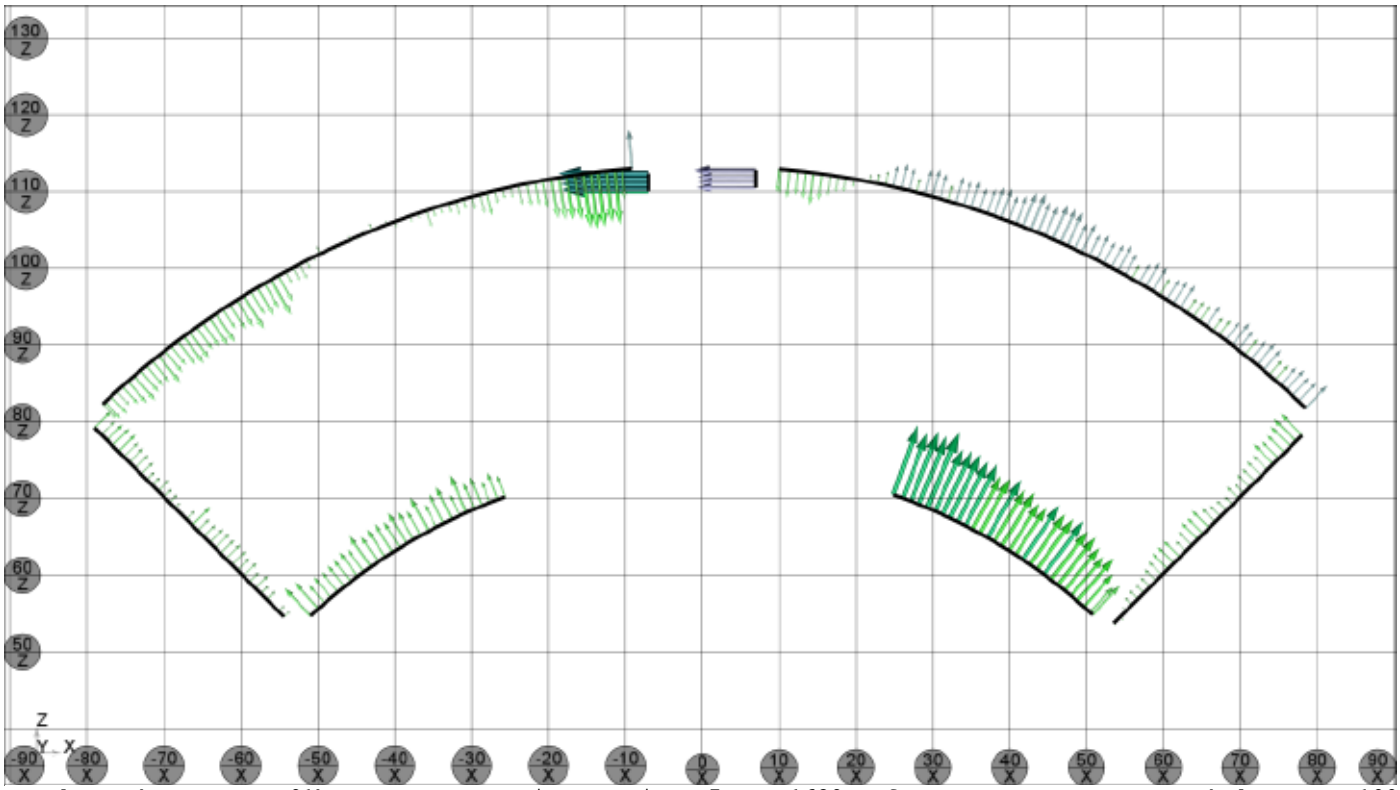
	MM	PROF141 - SCN_X6_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.202	-0.151	-0.202	0.127	0.127	0.075	
	MM	PROF142 - SCN_X6_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.152	0.152	0.148	0.127	0.127	0.025	
	MM	PROF143 - SCN_X6_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.202	-0.197	-0.202	0.127	0.127	0.075	
	MM	PROF144 - SCN_X6_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.202	-0.128	-0.202	0.127	0.127	0.075	
	MM	PROF145 - SCN_X6_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.133	0.133	0.092	0.127	0.127	0.006	
	MM	PROF146 - SCN_X6_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.178	0.178	0.136	0.127	0.127	0.051	
	MM	58 - LINC_X6_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.199	-0.199	-0.199	0.127	0.127	0.072	
	MM	59 - LINC_X6_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.150	0.150	0.150	0.127	0.127	0.023	
	MM	60 - LINC_X6_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.115	0.115	0.115	0.127	0.127	0.000	
	MM	57 - LINC_X6_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.117	0.117	0.117	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 6 at -1220mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 07 at -1620mm from LEAD END Key Datum hole SLOTTED O.D. ========

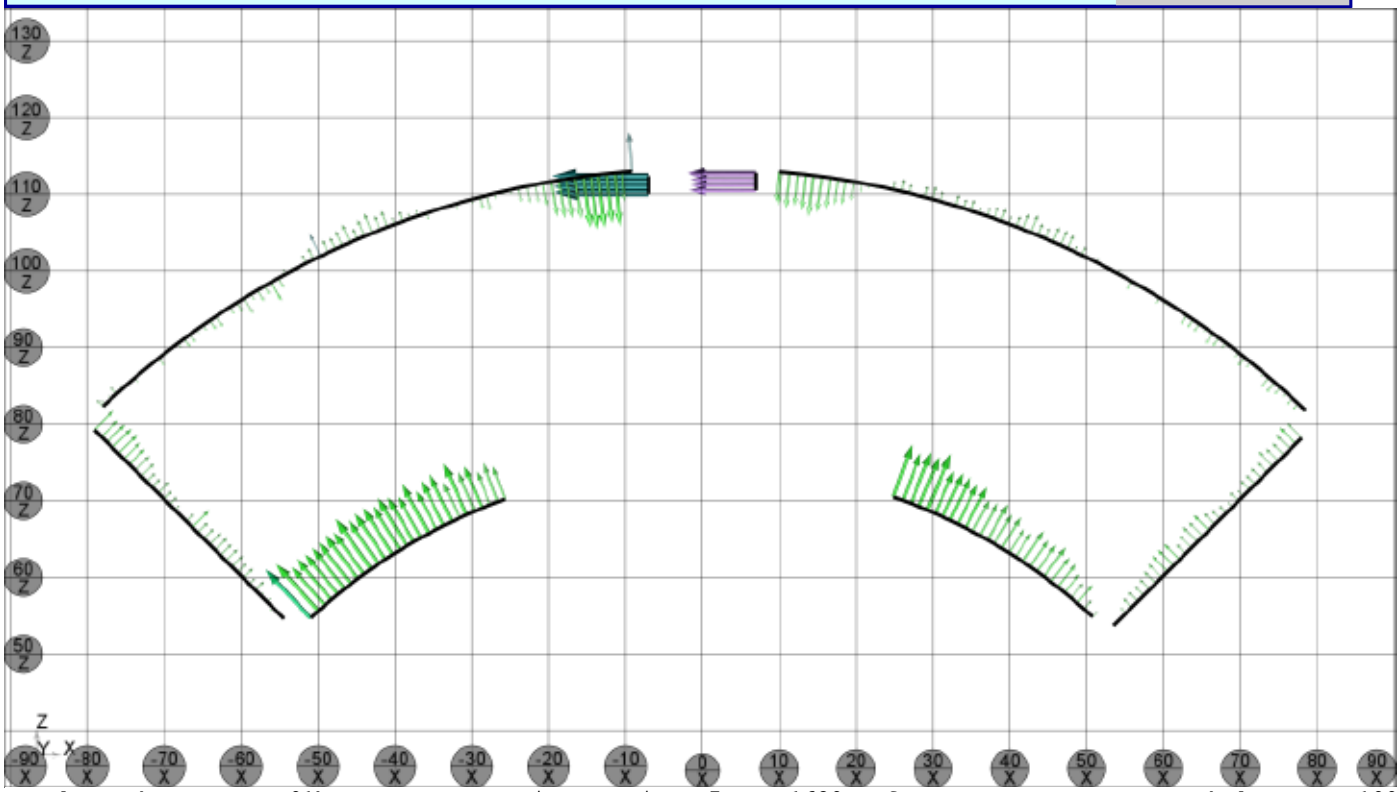
	MM	PROF147 - SCN_X7_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.107	-0.045	-0.107	0.127	0.127	0.000	
	MM	PROF148 - SCN_X7_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.048	0.006	-0.042	0.127	0.127	0.000	
	MM	PROF149 - SCN_X7_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.094	0.051	-0.043	0.127	0.127	0.000	
	MM	PROF150 - SCN_X7_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.081	0.081	0.077	0.127	0.127	0.000	
	MM	PROF151 - SCN_X7_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.118	-0.111	-0.118	0.127	0.127	0.000	
	MM	PROF152 - SCN_X7_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.125	0.051	-0.074	0.127	0.127	0.000	
	MM	PROF153 - SCN_X7_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.033	-0.003	-0.033	0.127	0.127	0.000	
	MM	PROF154 - SCN_X7_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.053	-0.030	-0.053	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 7 at -1620mm from LEAD END Key Datum hole. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF155 - SCN_X7_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.080	-0.002	-0.080	0.127	0.127	0.000	
	MM	PROF156 - SCN_X7_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.033	0.002	-0.031	0.127	0.127	0.000	
	MM	PROF157 - SCN_X7_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.079	0.025	-0.055	0.127	0.127	0.000	
	MM	PROF158 - SCN_X7_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.089	0.089	0.086	0.127	0.127	0.000	
	MM	PROF159 - SCN_X7_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.126	-0.120	-0.126	0.127	0.127	0.000	
	MM	PROF160 - SCN_X7_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.123	0.052	-0.071	0.127	0.127	0.000	
	MM	PROF161 - SCN_X7_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.042	0.006	-0.036	0.127	0.127	0.000	
	MM	PROF162 - SCN_X7_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.086	-0.046	-0.086	0.127	0.127	0.000	
	MM	61 - LINC_X7_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.124	-0.124	-0.124	0.127	0.127	0.000	

⌖	MM	62 - LINC_X7_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.087	0.087	0.087	0.127	0.127	0.000	
⌖	MM	63 - LINC_X7_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.018	-0.018	-0.018	0.127	0.127	0.000	
⌖	MM	64 - LINC_X7_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.019	-0.019	-0.019	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 7 at -1620mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only (O.D. & Sides)

⌓	MM	PROF389 - SCN_X7_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.086	-0.007	-0.086	0.127	0.127	0.000	
⌓	MM	PROF390 - SCN_X7_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.079	0.079	0.047	0.127	0.127	0.000	
⌓	MM	PROF391 - SCN_X7_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.079	0.031	-0.047	0.127	0.127	0.000	
⌓	MM	PROF392 - SCN_X7_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.020	-0.017	-0.020	0.127	0.127	0.000	
⌓	MM	PROF393 - SCN_X7_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.020	-0.016	-0.020	0.127	0.127	0.000	
⌓	MM	PROF394 - SCN_X7_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.123	0.059	-0.064	0.127	0.127	0.000	

	MM	PROF395 - SCN_X7_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.148	-0.074	-0.148	0.127	0.127	0.021	

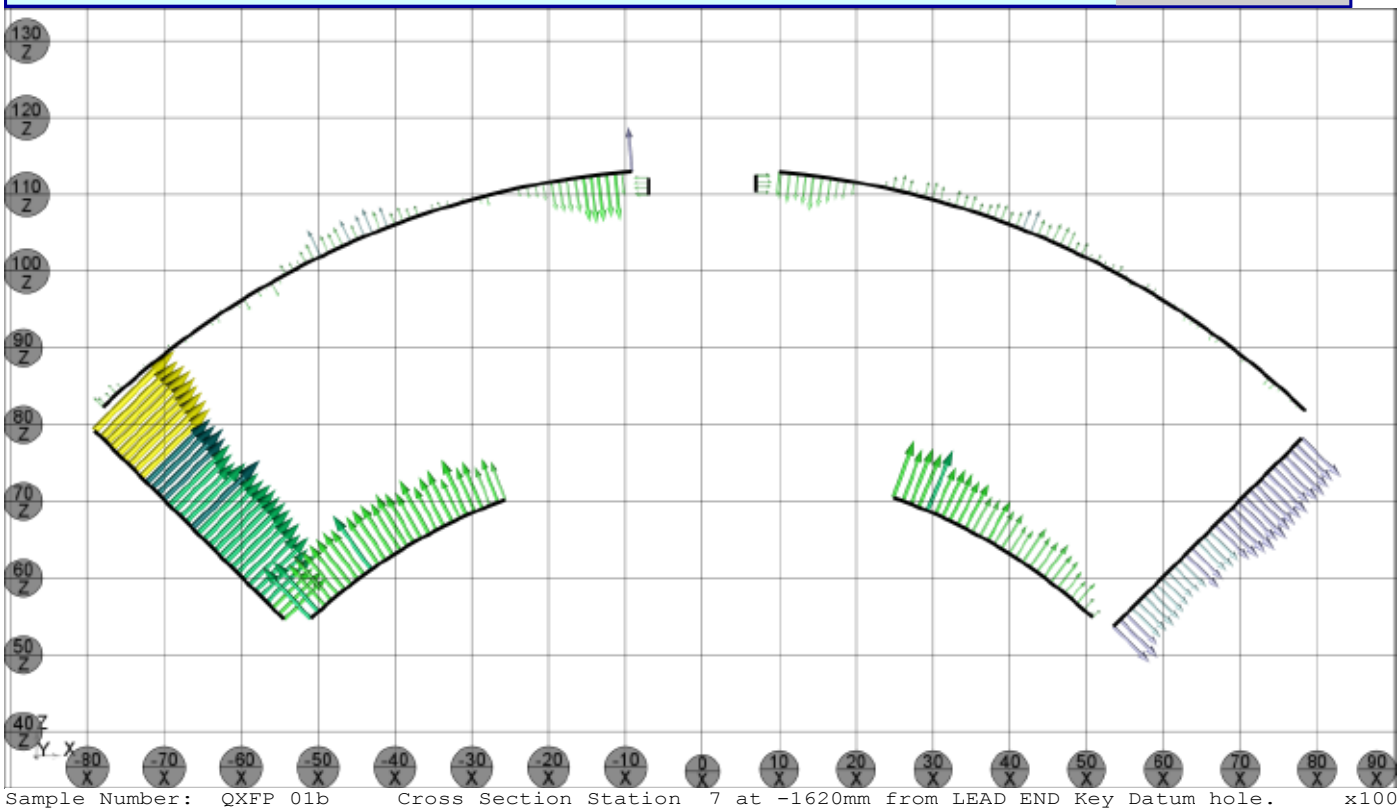
	MM	PROF396 - SCN_X7_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.092	-0.053	-0.092	0.127	0.127	0.000	

	MM	101 - LINC_X7_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.019	-0.019	-0.019	0.127	0.127	0.000	

	MM	102 - LINC_X7_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.018	-0.018	-0.018	0.127	0.127	0.000	

	MM	103 - LINC_X7_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.113	-0.113	-0.113	0.127	0.127	0.000	

	MM	104 - LINC_X7_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.064	0.064	0.064	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 7 at -1620mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Previous fit + B.F. Rot & Trans to O.D. + Rot around 0,0,0 to slot

	MM	PROF315 - SCN_X7_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.087	-0.007	-0.087	0.127	0.127	0.000	

	MM	PROF316 - SCN_X7_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.036	-0.003	-0.036	0.127	0.127	0.000	

	MM	PROF317 - SCN_X7_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.079	0.032	-0.047	0.127	0.127	0.000	

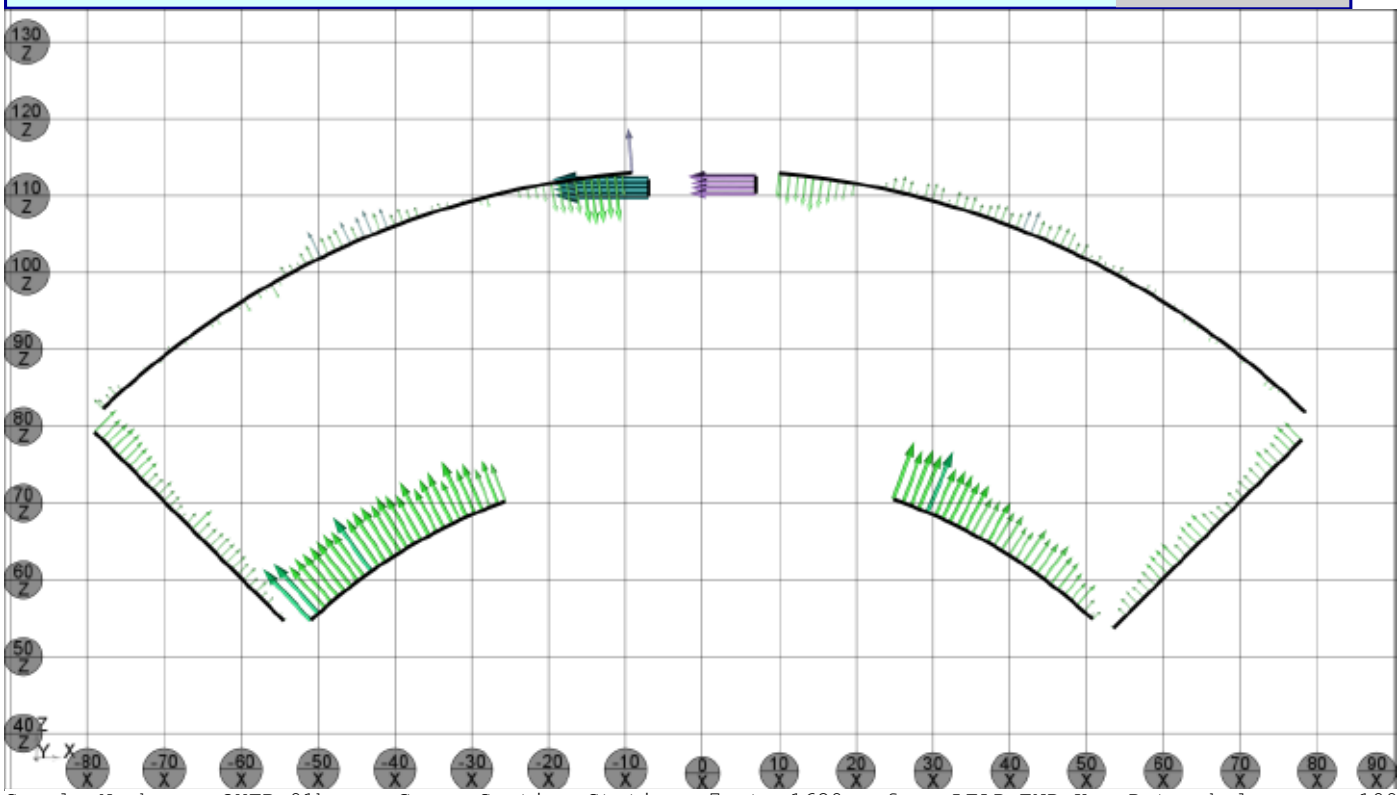
	MM	PROF318 - SCN_X7_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.089	0.089	0.085	0.127	0.127	0.000

	MM	PROF319 - SCN_X7_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.126	-0.120	-0.126	0.127	0.127	0.000

	MM	PROF320 - SCN_X7_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.123	0.059	-0.064	0.127	0.127	0.000

	MM	PROF321 - SCN_X7_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.042	0.000	-0.041	0.127	0.127	0.000

	MM	PROF322 - SCN_X7_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.092	-0.053	-0.092	0.127	0.127	0.000



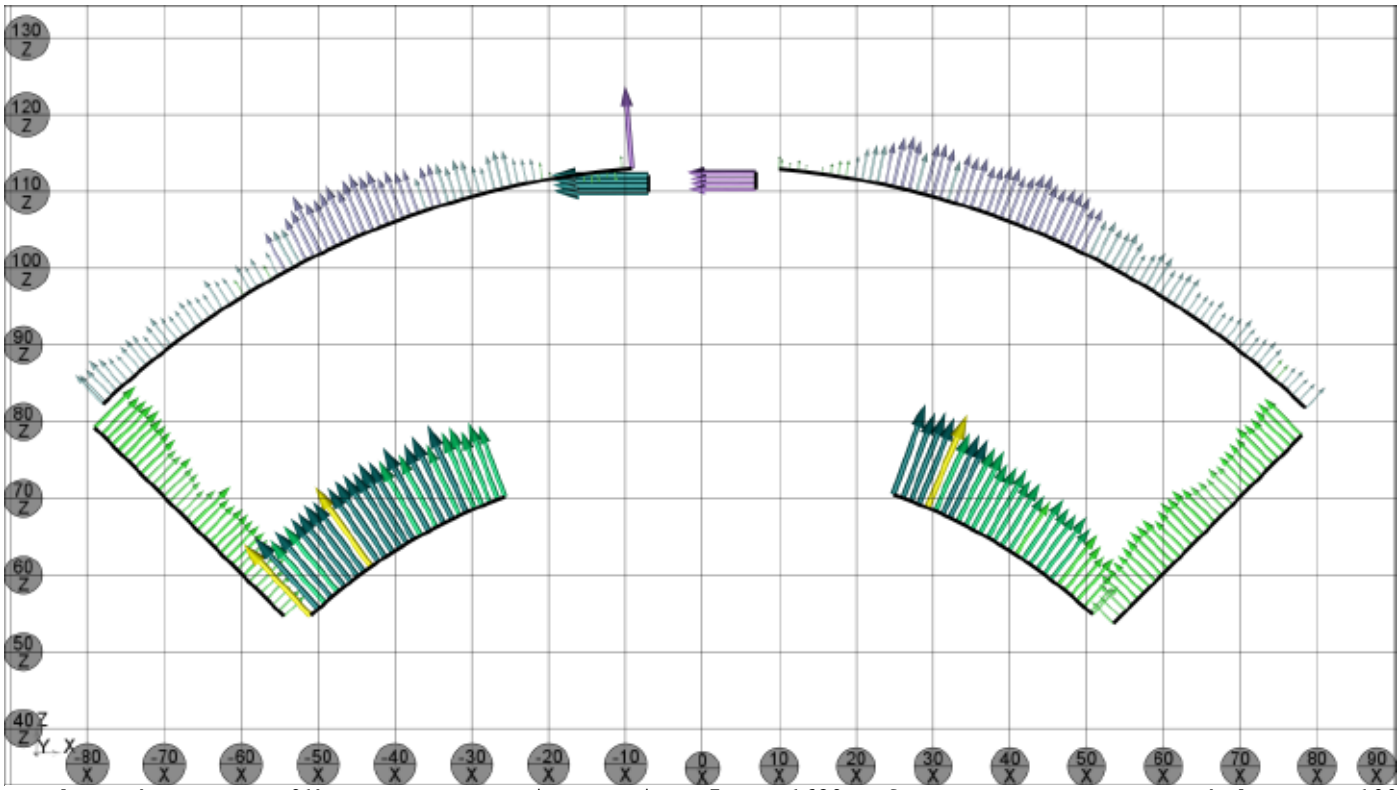
Sample Number: QXFP 01b Cross Section Station 7 at -1620mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

	MM	7 - CIRCX7				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	0.000	0.000	0.000	0.000	0.000
Y	-1620.000	-1619.978	0.022	0.100	0.100	0.000
Z	0.000	0.000	0.000	0.000	0.000	0.000
R	113.380	113.421	0.041	0.127	0.127	0.000
RN	0.000	0.123	0.123	0.127	0.000	0.000

	MM	PROF163 - SCN_X7_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.132	-0.043	-0.132	0.127	0.127	0.005

	MM	PROF164 - SCN_X7_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.071	-0.038	-0.071	0.127	0.127	0.000

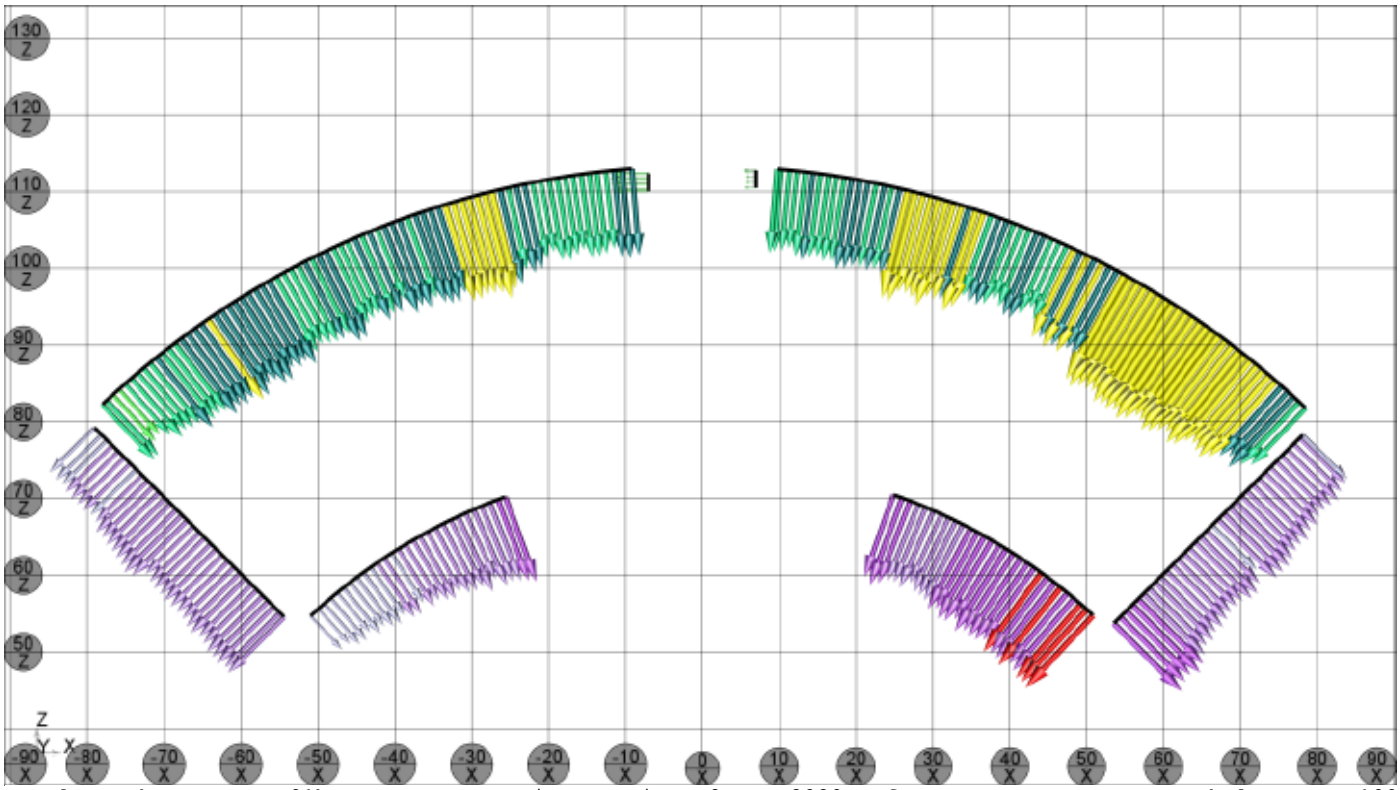
	MM	PROF165 - SCN_X7_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.077	0.077	0.002	0.127	0.127	0.000	
	MM	PROF166 - SCN_X7_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.090	0.090	0.086	0.127	0.127	0.000	
	MM	PROF167 - SCN_X7_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.127	-0.121	-0.127	0.127	0.127	0.000	
	MM	PROF168 - SCN_X7_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.123	0.108	-0.014	0.127	0.127	0.000	
	MM	PROF169 - SCN_X7_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.076	-0.034	-0.076	0.127	0.127	0.000	
	MM	PROF170 - SCN_X7_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.129	-0.100	-0.129	0.127	0.127	0.002	
	MM	65 - LINC_X7_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.125	-0.125	-0.125	0.127	0.127	0.000	
	MM	66 - LINC_X7_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.088	0.088	0.088	0.127	0.127	0.000	
	MM	67 - LINC_X7_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.058	-0.058	-0.058	0.127	0.127	0.000	
	MM	68 - LINC_X7_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.060	-0.060	-0.060	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 7 at -1620mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 8 at -2020mm from LEAD END Key Datum hole SLOTTED O.D. ========

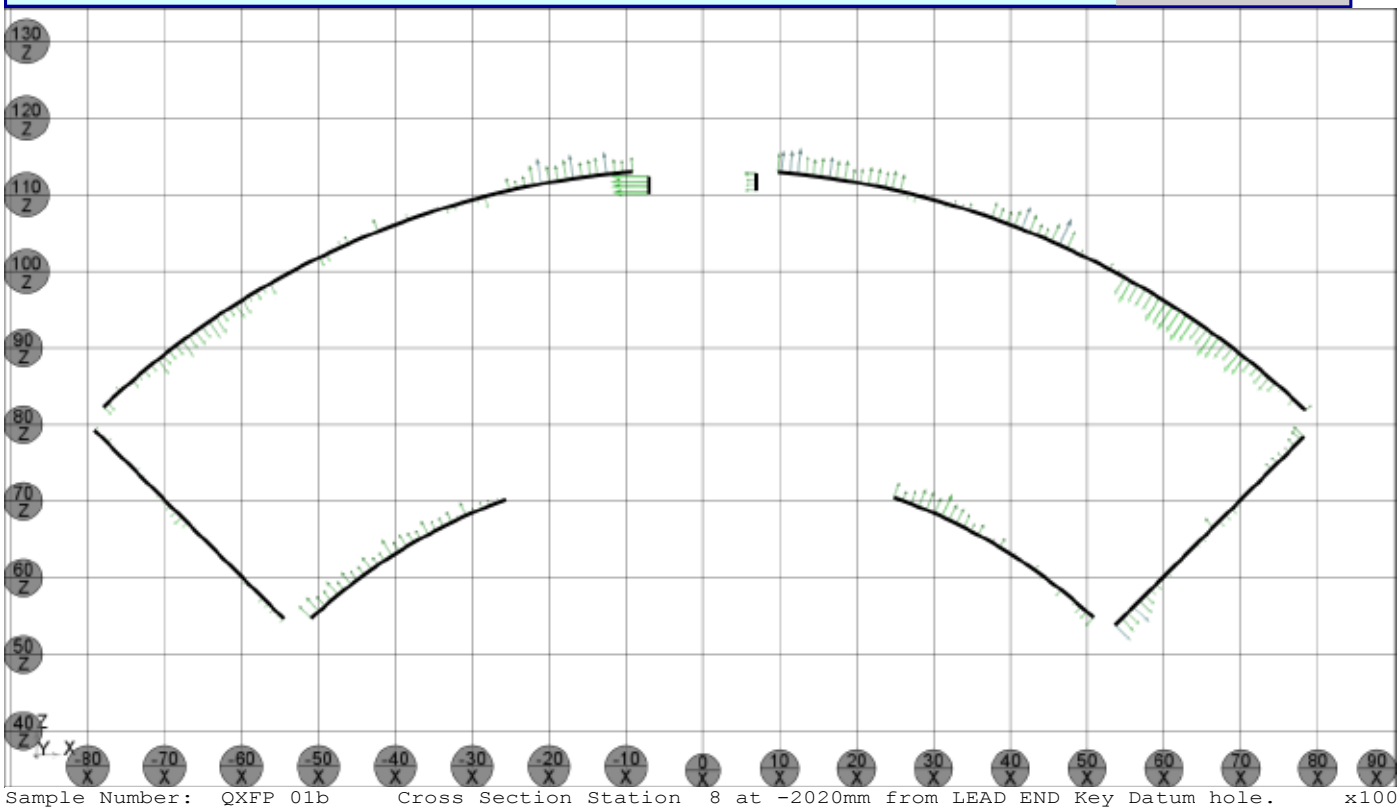
	MM	PROF171 - SCN_X8_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.130	0.130	0.099	0.127	0.127	0.003	
	MM	PROF172 - SCN_X8_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.125	0.125	0.082	0.127	0.127	0.000	
	MM	PROF173 - SCN_X8_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.166	-0.094	-0.166	0.127	0.127	0.039	
	MM	PROF174 - SCN_X8_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.016	0.016	0.014	0.127	0.127	0.000	
	MM	PROF175 - SCN_X8_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.051	-0.046	-0.051	0.127	0.127	0.000	
	MM	PROF176 - SCN_X8_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.142	-0.079	-0.142	0.127	0.127	0.015	
	MM	PROF177 - SCN_X8_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.106	0.106	0.082	0.127	0.127	0.000	
	MM	PROF178 - SCN_X8_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.118	0.118	0.060	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 8 at -2020mm from LEAD END Key Datum hole. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF179 - SCN_X8_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.049	0.016	-0.033	0.127	0.127	0.000	
	MM	PROF180 - SCN_X8_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.050	0.030	-0.020	0.127	0.127	0.000	
	MM	PROF181 - SCN_X8_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.080	0.038	-0.041	0.127	0.127	0.000	
	MM	PROF182 - SCN_X8_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.017	0.017	0.014	0.127	0.127	0.000	
	MM	PROF183 - SCN_X8_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.051	-0.046	-0.051	0.127	0.127	0.000	
	MM	PROF184 - SCN_X8_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.063	0.035	-0.028	0.127	0.127	0.000	
	MM	PROF185 - SCN_X8_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.021	0.014	-0.007	0.127	0.127	0.000	
	MM	PROF186 - SCN_X8_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.025	-0.002	-0.025	0.127	0.127	0.000	
	MM	69 - LINC_X8_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.050	-0.050	-0.050	0.127	0.127	0.000	

⌖	MM	70 - LINC_X8_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.015	0.015	0.015	0.127	0.127	0.000	
⌖	MM	71 - LINC_X8_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.002	0.002	0.002	0.127	0.127	0.000	
⌖	MM	72 - LINC_X8_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.004	0.004	0.004	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 8 at -2020mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only (O.D. & Sides)

⌓	MM	PROF397 - SCN_X8_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.048	0.016	-0.032	0.127	0.127	0.000	
⌓	MM	PROF398 - SCN_X8_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.053	0.053	0.011	0.127	0.127	0.000	
⌓	MM	PROF399 - SCN_X8_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.079	0.038	-0.042	0.127	0.127	0.000	
⌓	MM	PROF400 - SCN_X8_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.018	-0.016	-0.018	0.127	0.127	0.000	
⌓	MM	PROF401 - SCN_X8_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.019	-0.015	-0.019	0.127	0.127	0.000	
⌓	MM	PROF402 - SCN_X8_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.063	0.033	-0.029	0.127	0.127	0.000	

	MM	PROF403 - SCN_X8_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.038	-0.013	-0.038	0.127	0.127	0.000

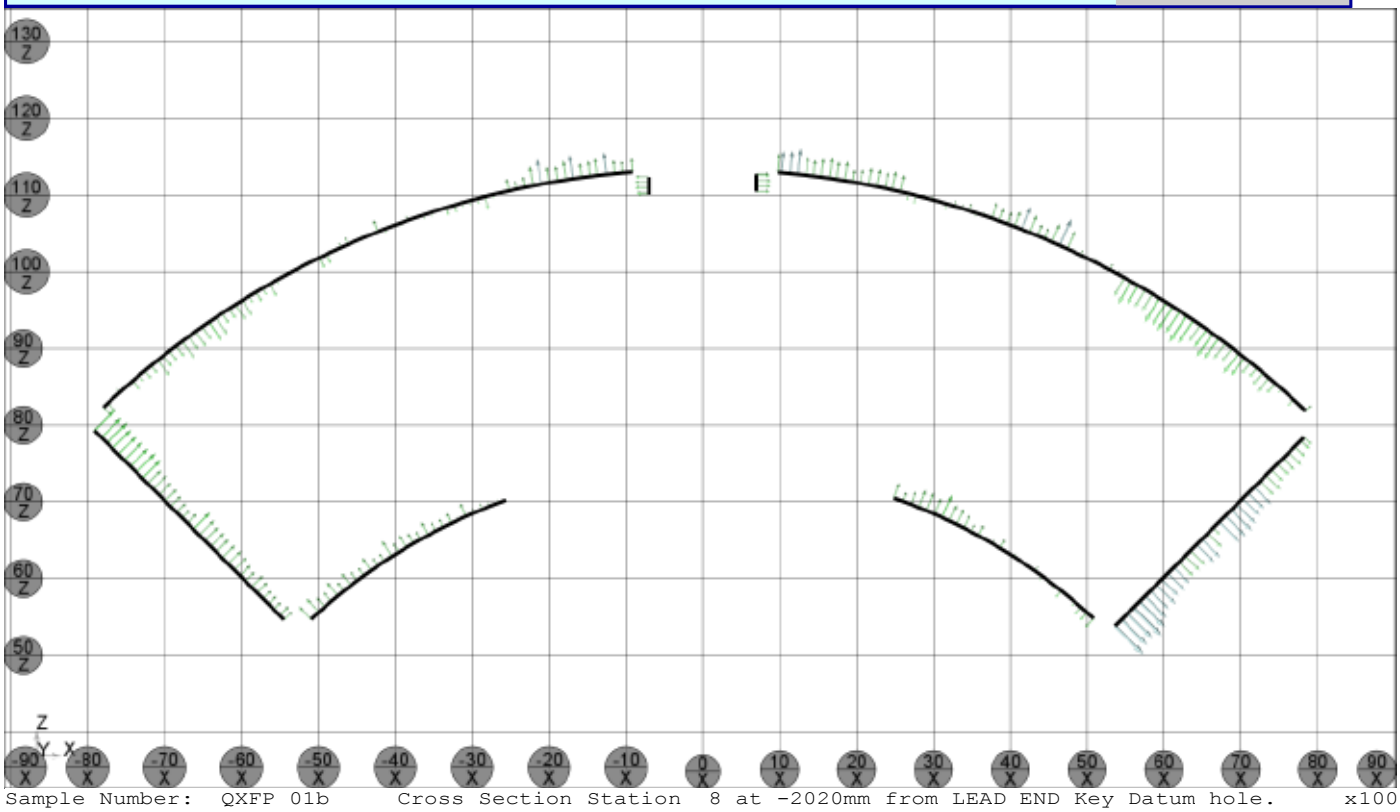
	MM	PROF404 - SCN_X8_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.024	-0.001	-0.024	0.127	0.127	0.000

	MM	105 - LINC_X8_SLN				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	-0.017	-0.017	-0.017	0.127	0.127	0.000

	MM	106 - LINC_X8_SLP				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	-0.017	-0.017	-0.017	0.127	0.127	0.000

	MM	107 - LINC_X8_SN				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	-0.024	-0.024	-0.024	0.127	0.127	0.000

	MM	108 - LINC_X8_SP				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	0.031	0.031	0.031	0.127	0.127	0.000



Sample Number: QXFP 01b Cross Section Station 8 at -2020mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Previous fit + B.F. Rot & Trans to O.D. + Rot around 0,0,0 to slot

	MM	PROF323 - SCN_X8_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.049	0.017	-0.032	0.127	0.127	0.000

	MM	PROF324 - SCN_X8_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.050	0.030	-0.020	0.127	0.127	0.000

	MM	PROF325 - SCN_X8_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.080	0.037	-0.043	0.127	0.127	0.000

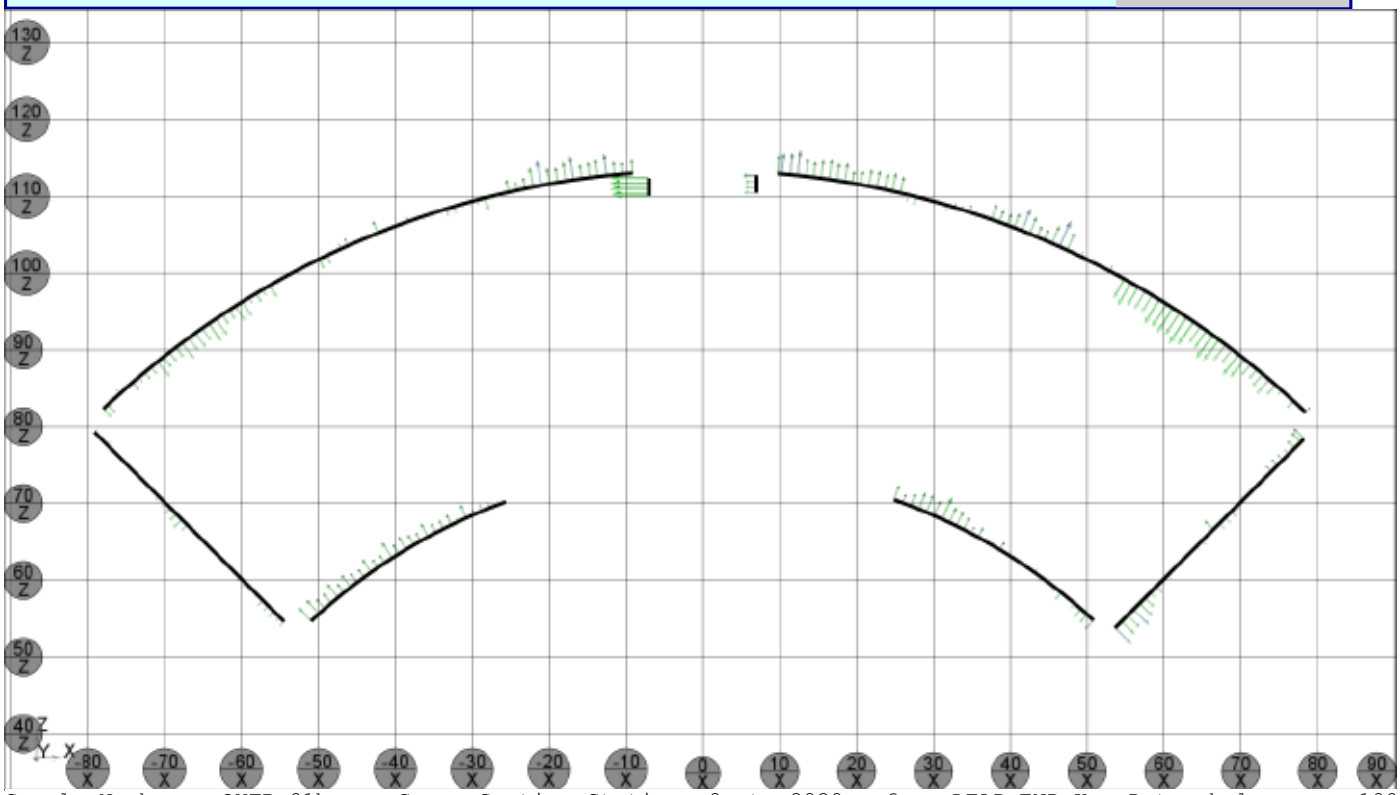
	MM	PROF326 - SCN_X8_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.017	0.017	0.015	0.127	0.127	0.000

	MM	PROF327 - SCN_X8_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.052	-0.047	-0.052	0.127	0.127	0.000

	MM	PROF328 - SCN_X8_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.062	0.034	-0.028	0.127	0.127	0.000

	MM	PROF329 - SCN_X8_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.021	0.015	-0.006	0.127	0.127	0.000

	MM	PROF330 - SCN_X8_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.025	-0.001	-0.025	0.127	0.127	0.000



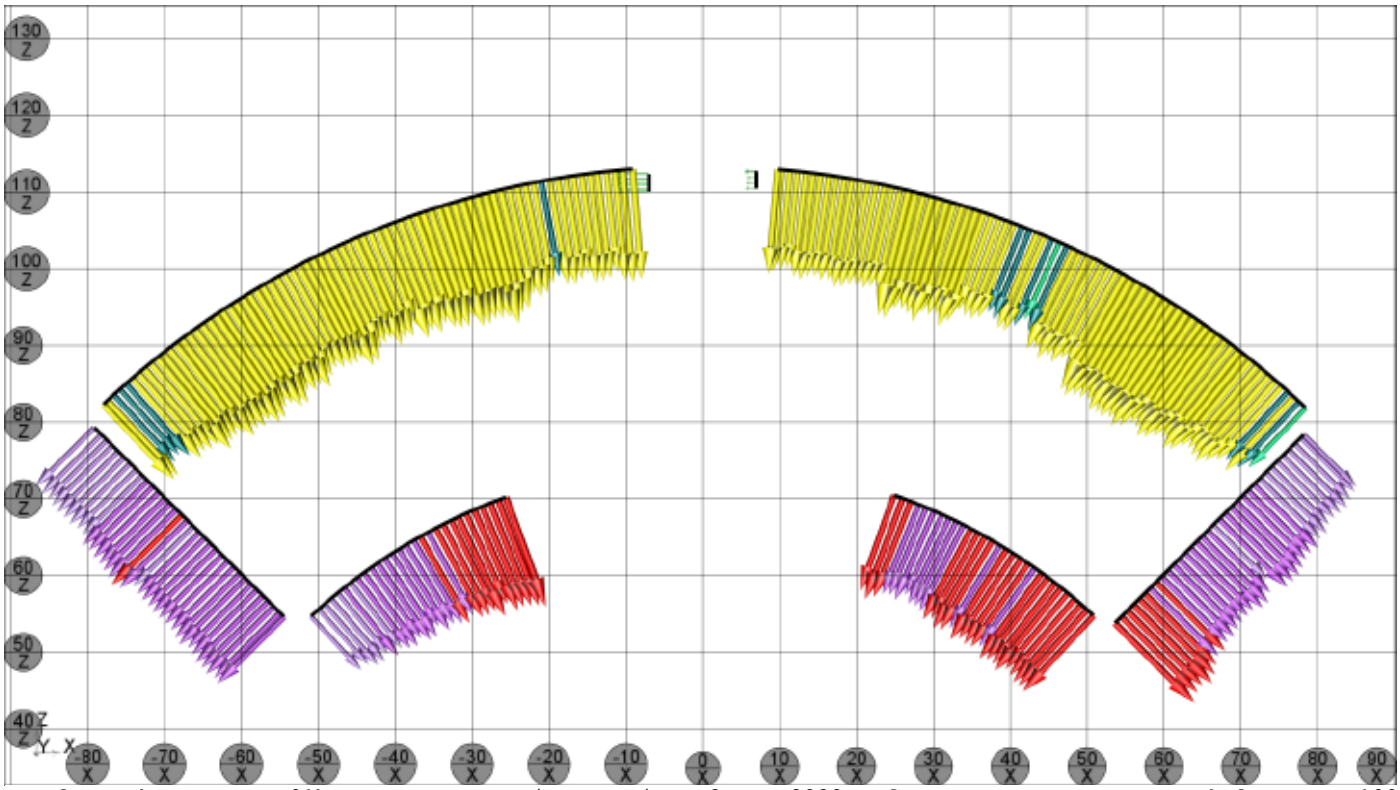
Sample Number: QXFP 01b Cross Section Station 8 at -2020mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

	MM	8 - CIRCX8				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	0.000	0.000	0.000	0.000	0.000
Y	-2020.000	-2019.977	0.023	0.100	0.100	0.000
Z	0.000	0.000	0.000	0.000	0.000	0.000
R	113.380	113.229	-0.151	0.127	0.127	0.024
RN	0.000	0.069	0.069	0.127	0.000	0.000

	MM	PROF187 - SCN_X8_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.141	0.141	0.116	0.127	0.127	0.014

	MM	PROF188 - SCN_X8_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.146	0.146	0.096	0.127	0.127	0.019

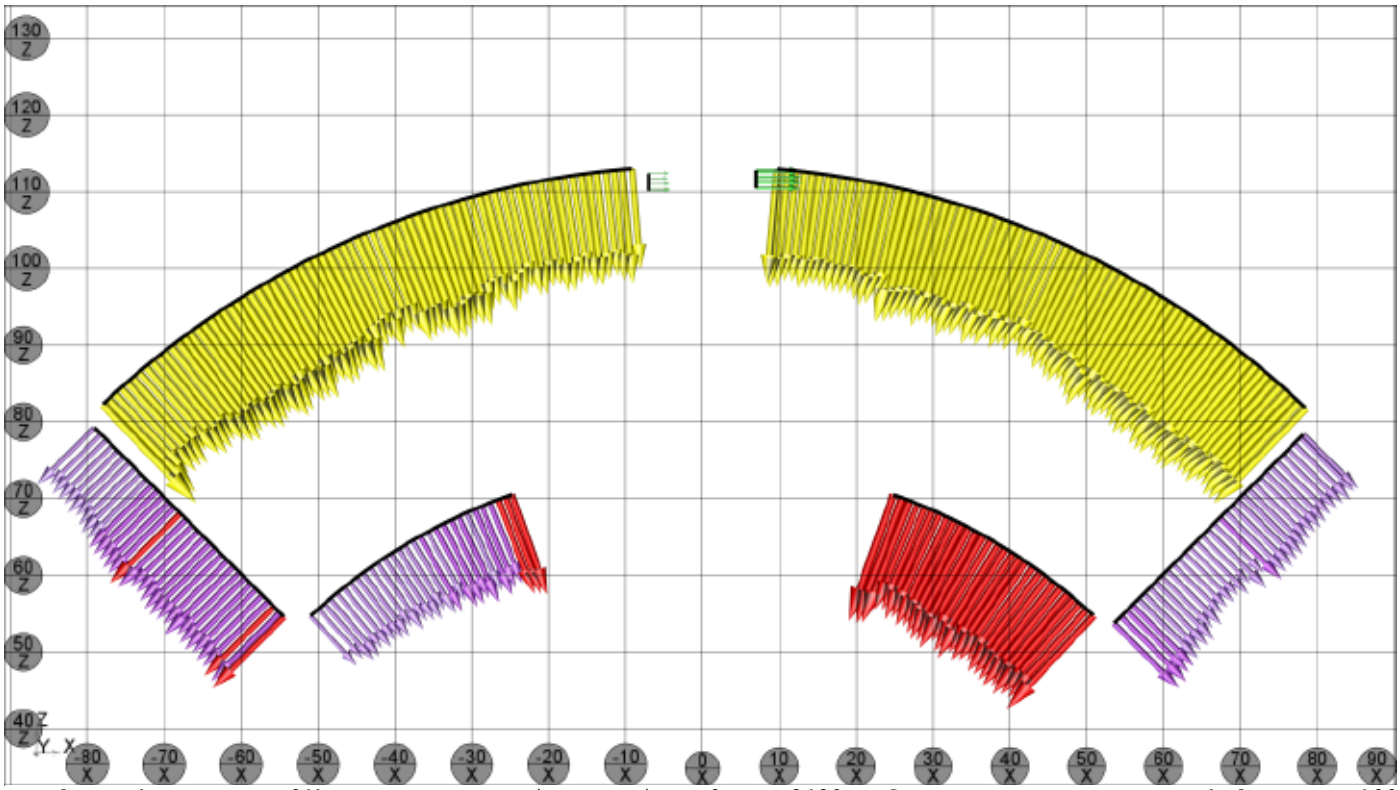
	MM	PROF189 - SCN_X8_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.177	-0.108	-0.177	0.127	0.127	0.050	
	MM	PROF190 - SCN_X8_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.016	0.016	0.013	0.127	0.127	0.000	
	MM	PROF191 - SCN_X8_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.050	-0.046	-0.050	0.127	0.127	0.000	
	MM	PROF192 - SCN_X8_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.175	-0.115	-0.175	0.127	0.127	0.048	
	MM	PROF193 - SCN_X8_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.129	0.129	0.108	0.127	0.127	0.002	
	MM	PROF194 - SCN_X8_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.152	0.152	0.096	0.127	0.127	0.025	
	MM	73 - LINC_X8_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.049	-0.049	-0.049	0.127	0.127	0.000	
	MM	74 - LINC_X8_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.015	0.015	0.015	0.127	0.127	0.000	
	MM	75 - LINC_X8_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.118	0.118	0.118	0.127	0.127	0.000	
	MM	76 - LINC_X8_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.120	0.120	0.120	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 8 at -2020mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 9 at -2420mm from LEAD END Key Datum hole SLOTTED O.D. ========

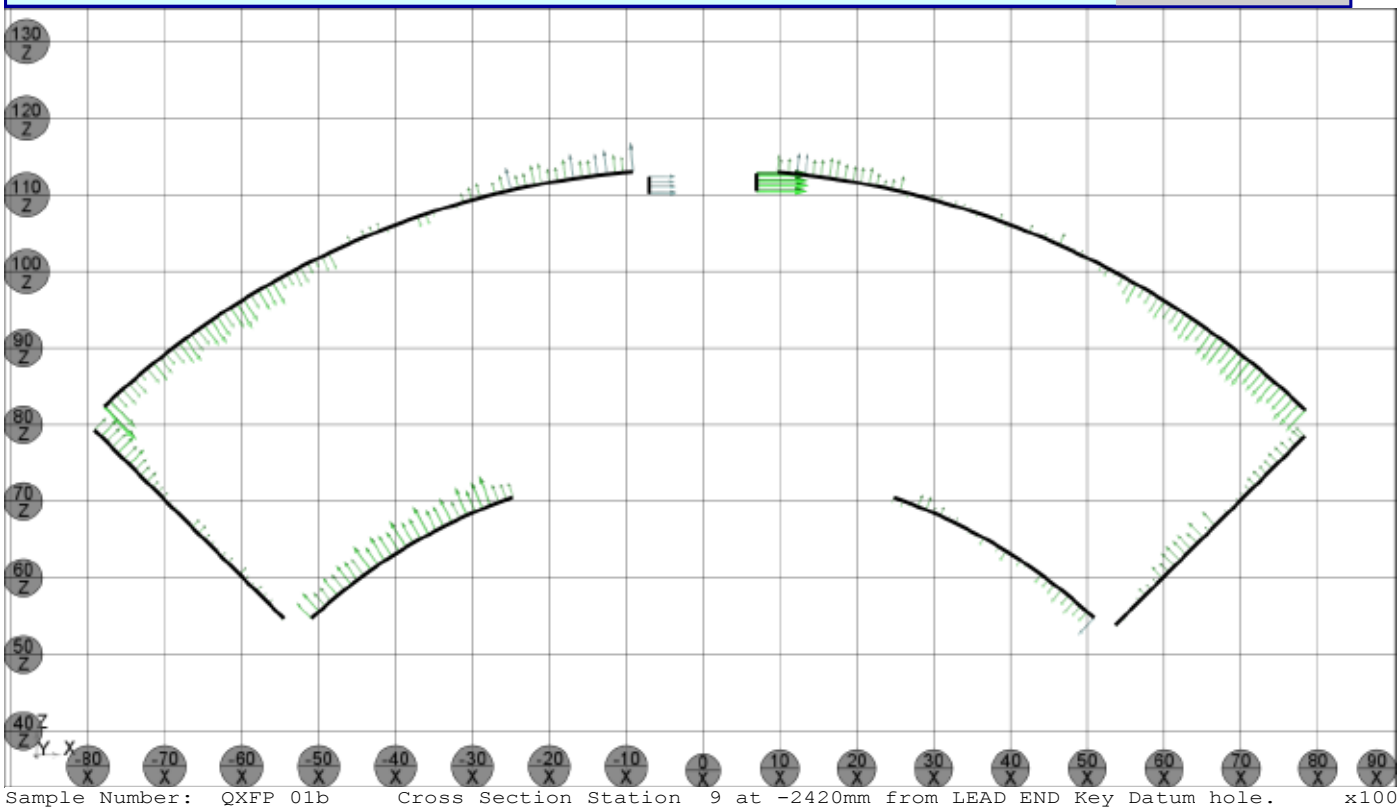
	MM	PROF195 - SCN_X9_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.175	0.175	0.146	0.127	0.127	0.048	
	MM	PROF196 - SCN_X9_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.121	0.121	0.089	0.127	0.127	0.000	
	MM	PROF197 - SCN_X9_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.186	-0.144	-0.186	0.127	0.127	0.059	
	MM	PROF198 - SCN_X9_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.060	-0.057	-0.060	0.127	0.127	0.000	
	MM	PROF199 - SCN_X9_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.028	0.028	0.025	0.127	0.127	0.000	
	MM	PROF200 - SCN_X9_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.178	-0.132	-0.178	0.127	0.127	0.051	
	MM	PROF201 - SCN_X9_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.132	0.132	0.095	0.127	0.127	0.005	
	MM	PROF202 - SCN_X9_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.138	0.138	0.087	0.127	0.127	0.011	



Sample Number: QXFP 01b Cross Section Station 9 at -2420mm from LEAD END Key Datum hole. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF203 - SCN_X9_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.049	0.031	-0.018	0.127	0.127	0.000	
	MM	PROF204 - SCN_X9_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.033	0.005	-0.028	0.127	0.127	0.000	
	MM	PROF205 - SCN_X9_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.071	0.029	-0.042	0.127	0.127	0.000	
	MM	PROF206 - SCN_X9_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.068	-0.066	-0.068	0.127	0.127	0.000	
	MM	PROF207 - SCN_X9_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.036	0.036	0.034	0.127	0.127	0.000	
	MM	PROF208 - SCN_X9_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.100	0.039	-0.061	0.127	0.127	0.000	
	MM	PROF209 - SCN_X9_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.036	0.004	-0.032	0.127	0.127	0.000	
	MM	PROF210 - SCN_X9_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.042	-0.020	-0.042	0.127	0.127	0.000	
	MM	77 - LINC_X9_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.035	0.035	0.035	0.127	0.127	0.000	

⌖	MM	78 - LINC_X9_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.067	-0.067	-0.067	0.127	0.127	0.000	
⌖	MM	79 - LINC_X9_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.012	-0.012	-0.012	0.127	0.127	0.000	
⌖	MM	80 - LINC_X9_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.013	-0.013	-0.013	0.127	0.127	0.000	



Sample Number: QXFP 01b Cross Section Station 9 at -2420mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only (O.D. & Sides)

⌓	MM	PROF405 - SCN_X9_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.050	0.027	-0.023	0.127	0.127	0.000	
⌓	MM	PROF406 - SCN_X9_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.074	-0.034	-0.074	0.127	0.127	0.000	
⌓	MM	PROF407 - SCN_X9_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.072	0.034	-0.038	0.127	0.127	0.000	
⌓	MM	PROF408 - SCN_X9_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.017	-0.014	-0.017	0.127	0.127	0.000	
⌓	MM	PROF409 - SCN_X9_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.017	-0.014	-0.017	0.127	0.127	0.000	
⌓	MM	PROF410 - SCN_X9_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.101	0.044	-0.057	0.127	0.127	0.000	

	MM	PROF411 - SCN_X9_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.042	0.042	0.015	0.127	0.127	0.000

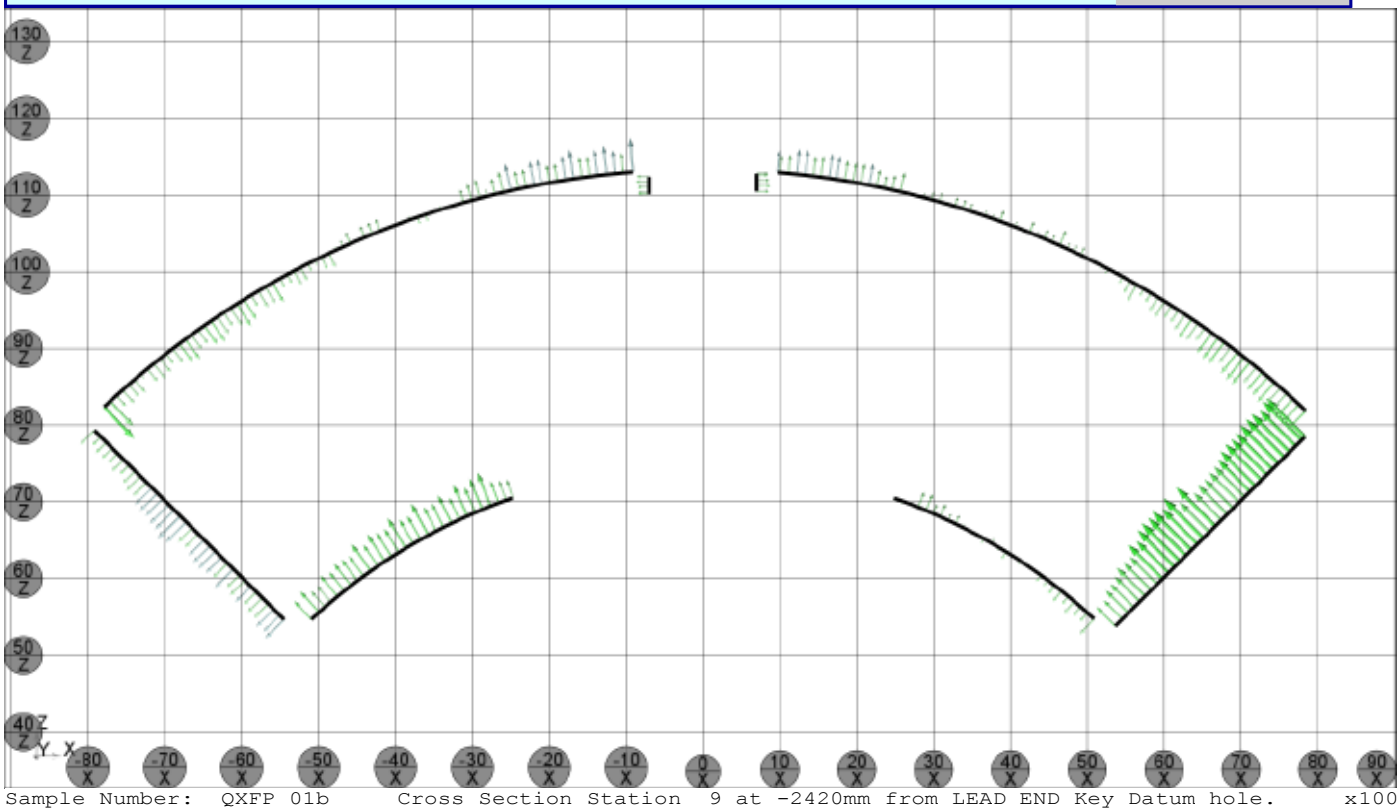
	MM	PROF412 - SCN_X9_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.047	-0.025	-0.047	0.127	0.127	0.000

	MM	109 - LINC_X9_SLN				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	-0.016	-0.016	-0.016	0.127	0.127	0.000

	MM	110 - LINC_X9_SLP				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	-0.016	-0.016	-0.016	0.127	0.127	0.000

	MM	111 - LINC_X9_SN				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	0.028	0.028	0.028	0.127	0.127	0.000

	MM	112 - LINC_X9_SP				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
S	-0.060	-0.060	-0.060	0.127	0.127	0.000



Sample Number: QXFP 01b Cross Section Station 9 at -2420mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Previous fit + B.F. Rot & Trans to O.D. + Rot around 0,0,0 to slot

	MM	PROF331 - SCN_X9_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.050	0.026	-0.023	0.127	0.127	0.000

	MM	PROF332 - SCN_X9_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.033	0.002	-0.031	0.127	0.127	0.000

	MM	PROF333 - SCN_X9_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.071	0.034	-0.037	0.127	0.127	0.000

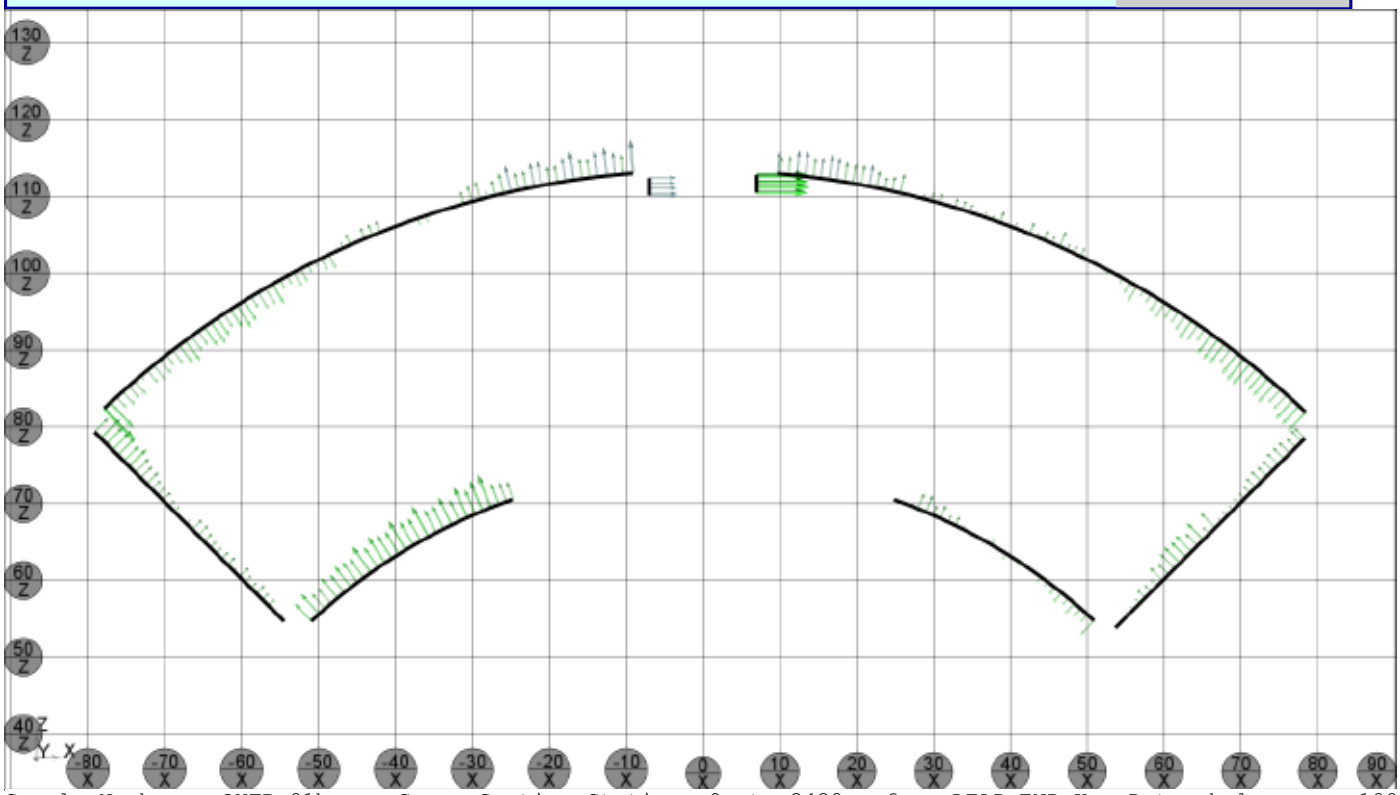
	MM	PROF334 - SCN_X9_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.069	-0.067	-0.069	0.127	0.127	0.000

	MM	PROF335 - SCN_X9_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.037	0.037	0.035	0.127	0.127	0.000

	MM	PROF336 - SCN_X9_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.102	0.044	-0.058	0.127	0.127	0.000

	MM	PROF337 - SCN_X9_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.037	-0.001	-0.037	0.127	0.127	0.000

	MM	PROF338 - SCN_X9_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.047	-0.025	-0.047	0.127	0.127	0.000



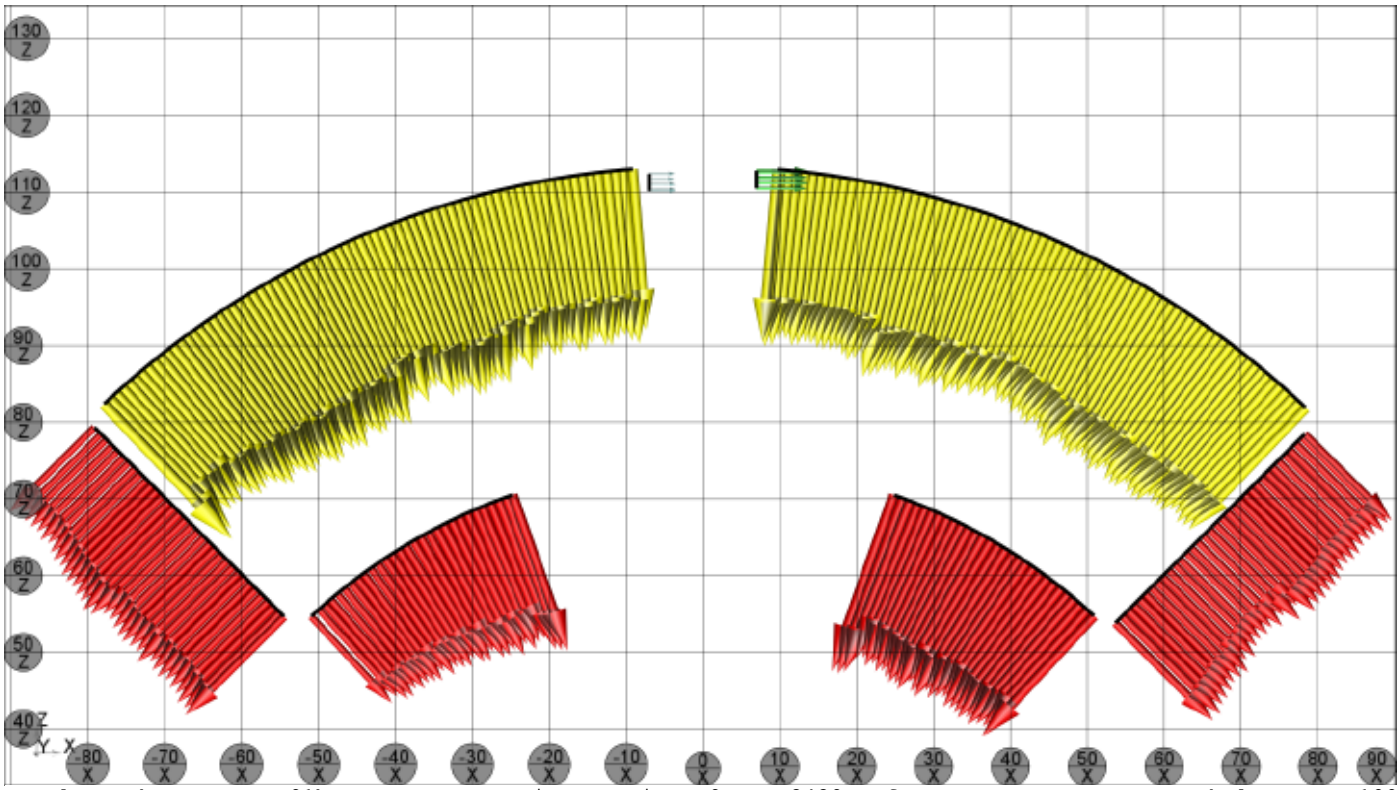
Sample Number: QXFP 01b Cross Section Station 9 at -2420mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

	MM	9 - CIRCX9				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	0.000	0.000	0.000	0.000	0.000
Y	-2420.000	-2419.978	0.022	0.100	0.100	0.000
Z	0.000	0.000	0.000	0.000	0.000	0.000
R	113.380	113.146	-0.234	0.127	0.127	0.107
RN	0.000	0.050	0.050	0.127	0.000	0.000

	MM	PROF211 - SCN_X9_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.244	0.244	0.204	0.127	0.127	0.117

	MM	PROF212 - SCN_X9_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.181	0.181	0.148	0.127	0.127	0.054

	MM	PROF213 - SCN_X9_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.250	-0.212	-0.250	0.127	0.127	0.123	
	MM	PROF214 - SCN_X9_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.067	-0.065	-0.067	0.127	0.127	0.000	
	MM	PROF215 - SCN_X9_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.035	0.035	0.033	0.127	0.127	0.000	
	MM	PROF216 - SCN_X9_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.251	-0.202	-0.251	0.127	0.127	0.124	
	MM	PROF217 - SCN_X9_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.182	0.182	0.146	0.127	0.127	0.055	
	MM	PROF218 - SCN_X9_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.216	0.216	0.153	0.127	0.127	0.089	
	MM	81 - LINC_X9_SLN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.034	0.034	0.034	0.127	0.127	0.000	
	MM	82 - LINC_X9_SLP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	-0.066	-0.066	-0.066	0.127	0.127	0.000	
	MM	83 - LINC_X9_SN					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.166	0.166	0.166	0.127	0.127	0.039	
	MM	84 - LINC_X9_SP					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
S	0.163	0.163	0.163	0.127	0.127	0.036	



Sample Number: QXFP 01b Cross Section Station 9 at -2420mm from LEAD END Key Datum hole. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.
Measurement of points in center groove, aligned to whole coil.

⊕	MM	14 - PNT_X3				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.046	-0.046	0.100	0.100	0.000
Y	-10.000	-9.970	0.030	20.000	20.000	0.000
Z	107.130	106.910	-0.220	0.127	0.127	0.093

⊕	MM	15 - PNT_X4				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.046	-0.046	0.100	0.100	0.000
Y	-420.000	-419.966	0.034	20.000	20.000	0.000
Z	107.130	107.459	0.329	0.127	0.127	0.202

⊕	MM	16 - PNT_X5				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.055	-0.055	0.100	0.100	0.000
Y	-820.000	-819.962	0.038	20.000	20.000	0.000
Z	107.130	107.605	0.475	0.127	0.127	0.348

⊕	MM	17 - PNT_X6				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.045	-0.045	0.100	0.100	0.000
Y	-1220.000	-1219.972	0.028	20.000	20.000	0.000
Z	107.130	107.465	0.335	0.127	0.127	0.208

⊕	MM	18 - PNT_X7				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.049	-0.049	0.100	0.100	0.000
Y	-1620.000	-1619.964	0.036	20.000	20.000	0.000
Z	107.130	107.153	0.023	0.127	0.127	0.000

⌖	MM	19 - PNT_X8				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.045	-0.045	0.100	0.100	0.000
Y	-2020.000	-2019.965	0.035	20.000	20.000	0.000
Z	107.130	107.113	-0.017	0.127	0.127	0.000

⌖	MM	20 - PNT_X9				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.045	-0.045	0.100	0.100	0.000
Y	-2420.000	-2419.965	0.035	20.000	20.000	0.000
Z	107.130	107.053	-0.077	0.127	0.127	0.000