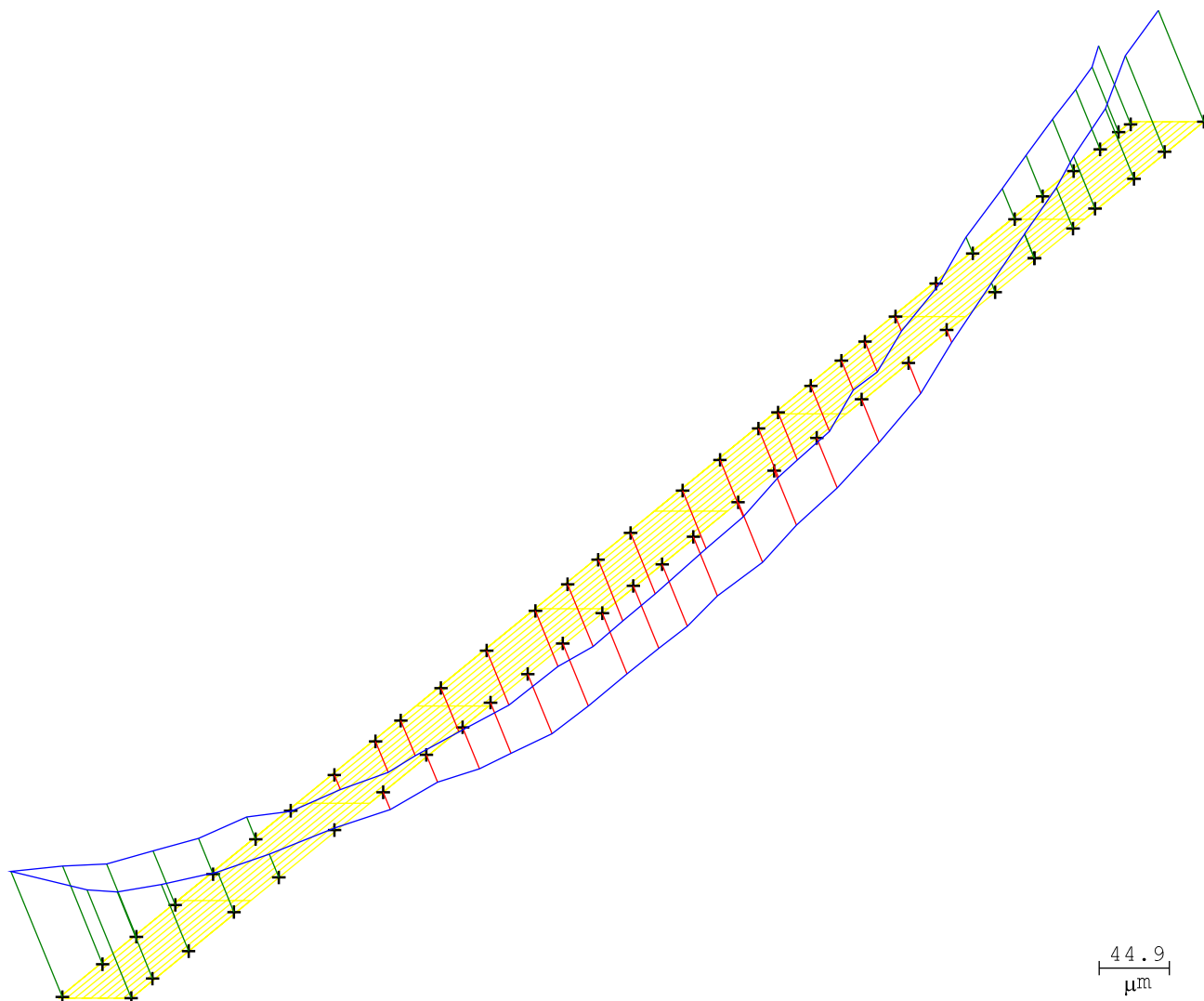




Actual points : * * *

Neg. Deviation : —

Pos. Deviation : —

Notation : **UNDULATOR**

Producer :

Draw. No. :

Ser. No. : **39**

Part No. :

Department:

Element : **PLA_B**

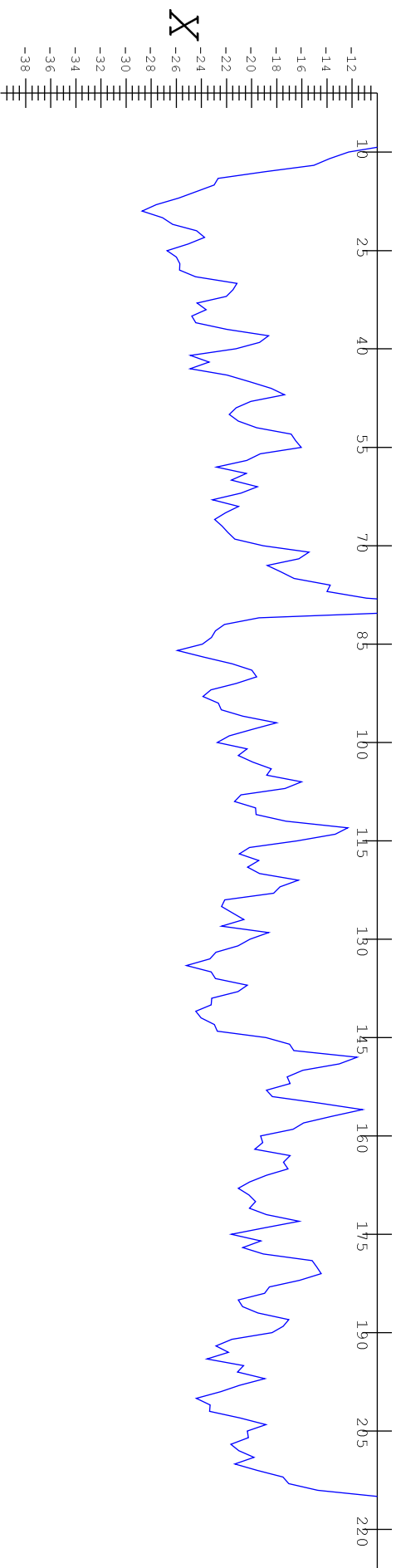
			X	Y	Z	No.	
Form	0.1387	Neg. Deviat.:	-0.0460	115.3847	90.4978	-1806.293	17
Error Magnif.:	3000	Pos. Deviat.:	0.0927	115.5291	-92.5046	-3381.626	31
No. of points:	62						

MESSTECHNIK WETZLAR

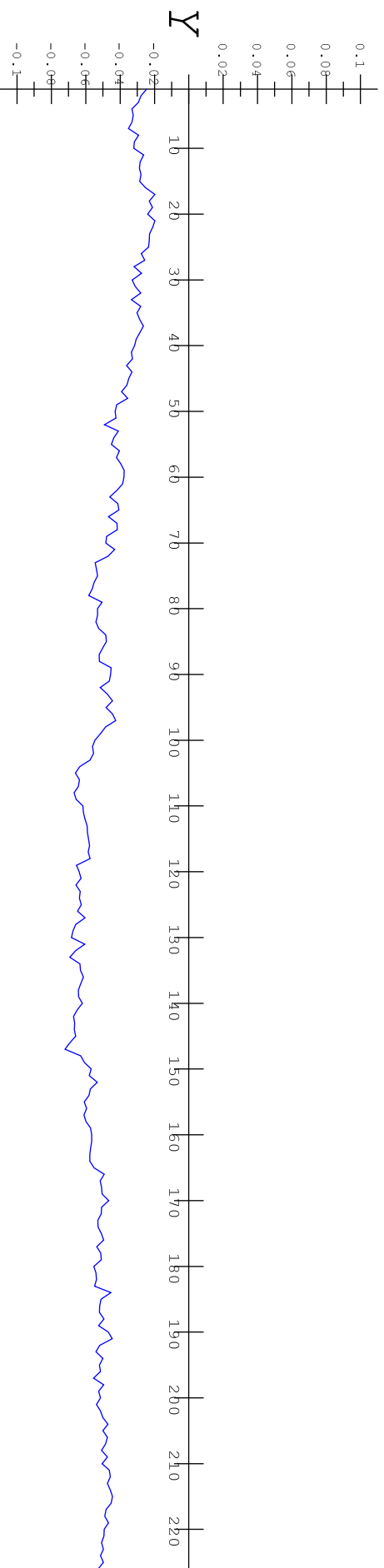


FLATNESS
ISO 1101

Inspector :Quindos
Date:28-SEP-2007
Time:11:29:33



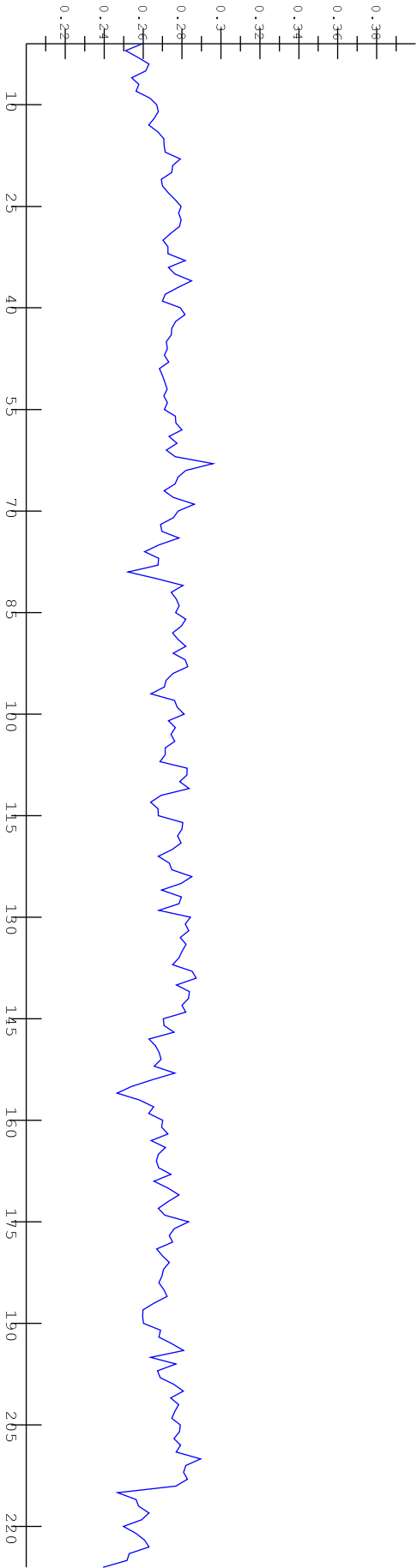
Pole Tip Number ----->



Offsets of Pole Tip Symmetry Point from Nominal Undulator center line
Pole Tip Symmetry Point is the point where the symmetry axis between tips is bisected by the 6.8mm cross section

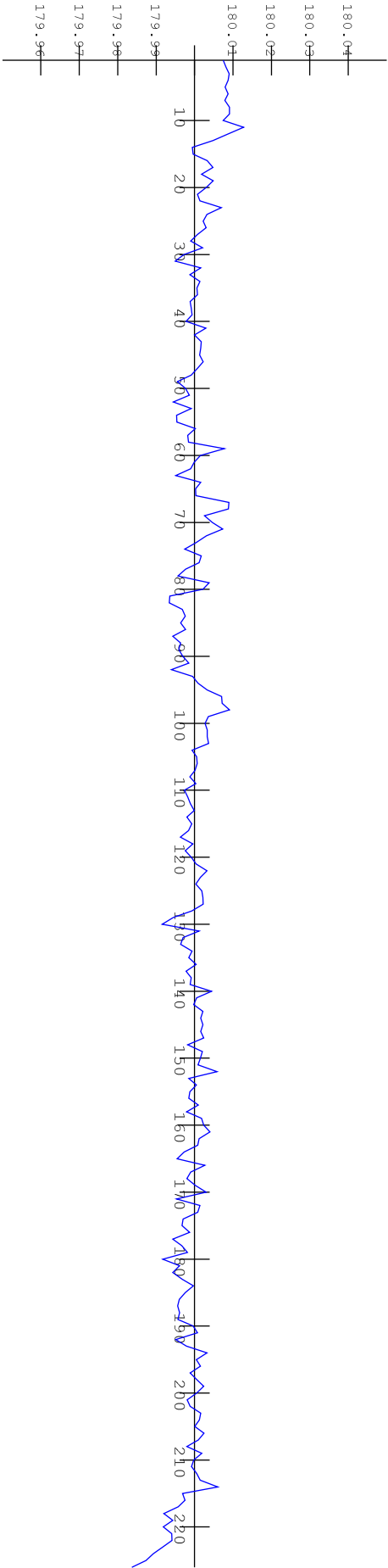
SLAC LCLS-MMF LEITZ CMM	Undulator Pole Tip Offsets Measured unrestrained	DATE: 28-SEP-2007 UNDULATOR # 39
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Included Angle Between Tips



Pole Tip Number ----->

Angle of Symmetry Axis to ZX Plane

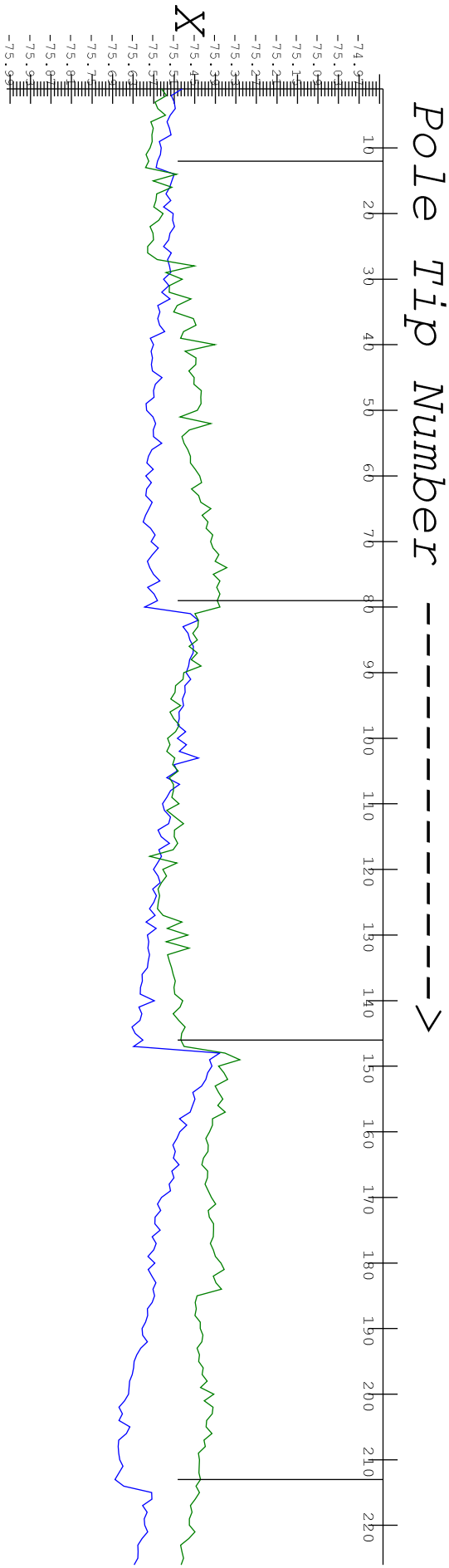


Symmetry Axis is the symmetry axis between the Upper and Lower Pole Tips
Included Angle is the angle between the Upper and Lower Pole Tips

SLAC
LCLS-MMF
LEITZ CMM

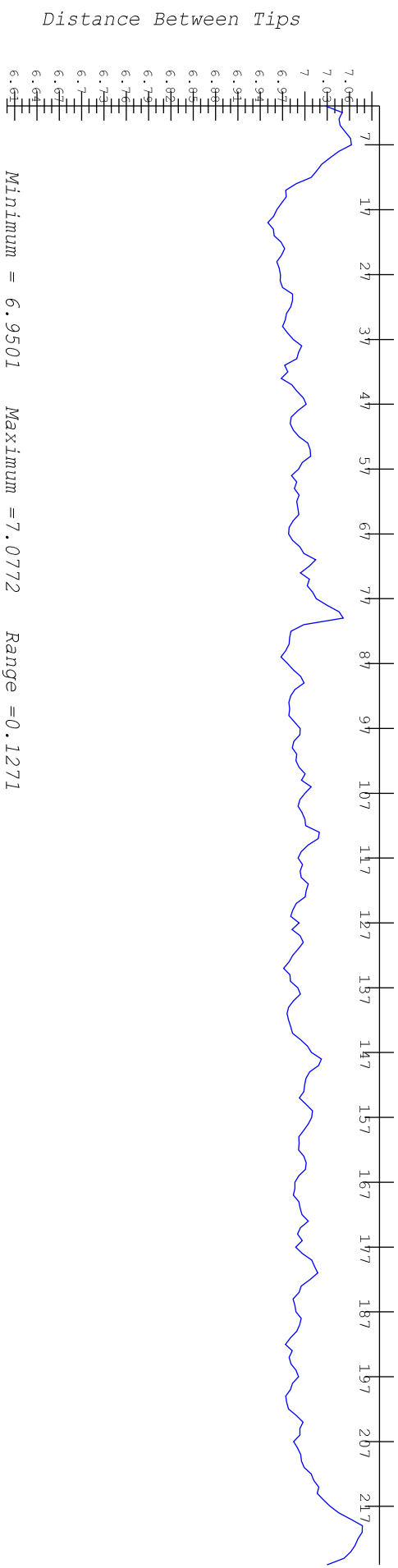
Undulator Pole Tip Angles
Measured unrestrained

DATE: 28-SEP-2007
UNDULATOR # 39

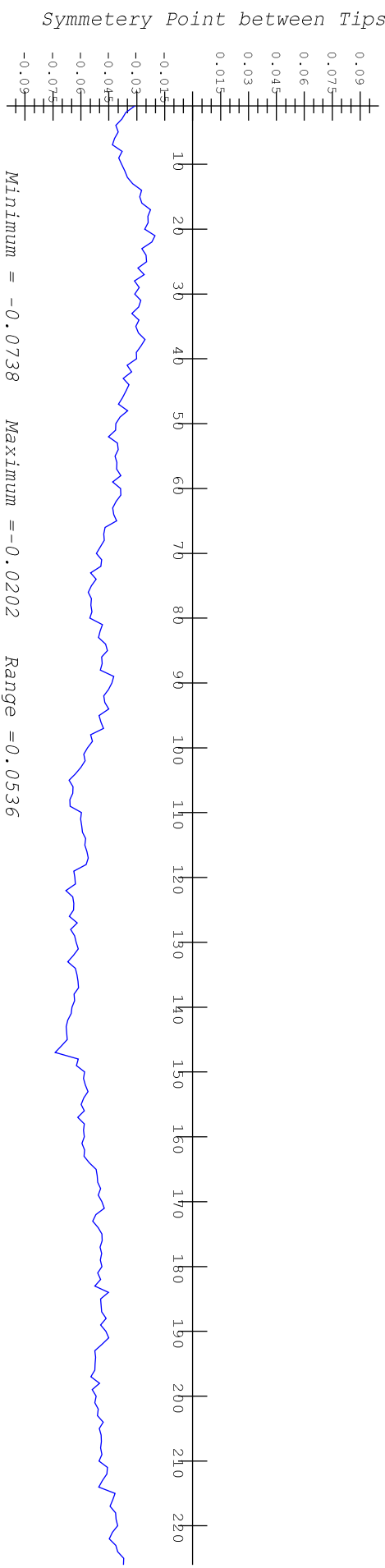


Green = Point on front face of Upper Pole Tip 10mm above Nominal C/L
Blue = Point on front face of Lower Pole Tip 10mm below Nominal C/L

SLAC LCLS-MMF LEITZ CMM	Undulator Pole Tip Location Measured unrestrained	DATE: 28-SEP-2007 UNDULATOR # 39
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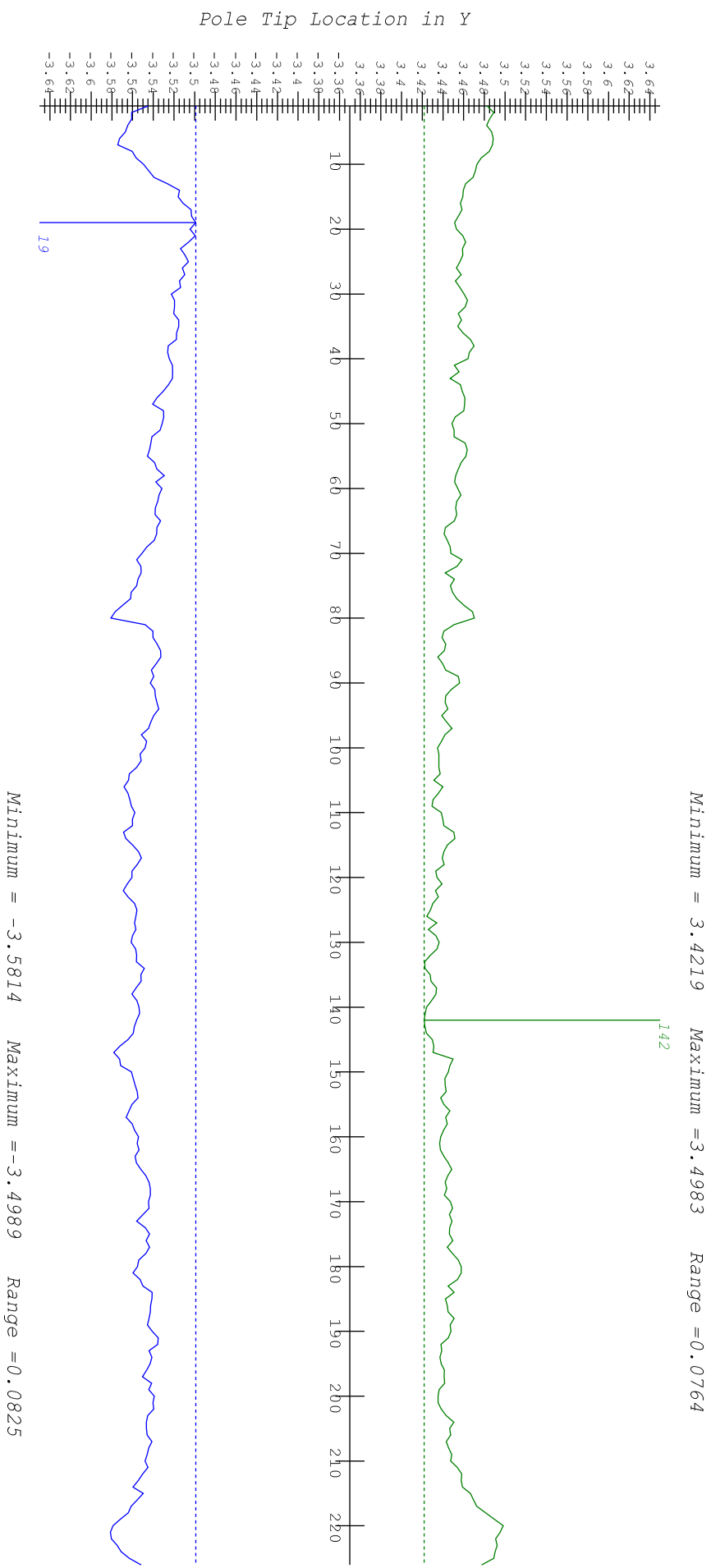
Pole Tip Number ----->



Symmetry Point is the symmetry point between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-
Distance Between Tips is the distance between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-

SLAC LCLS-MMF LEITZ CMM	Undulator Pole Tip Location Measured unrestrained	DATE: 28-SEP-2007 UNDULATOR # 39
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MINIMUM GAP = 6.9208



Pole Tip Number ----->

Green = The position of the Upper Pole Tips at 53mm from Datum -B-
Blue = The position of the Lower Pole Tips at 53mm from Datum -B-
Min. Gap = The minimum gap between pole tips 53mm from Datum -B-

SLAC
LCLS-MMF
LEITZ CMM

Undulator Pole Tip Location
Measured unrestrained

DATE: 28-SEP-2007
UNDULATOR # 39