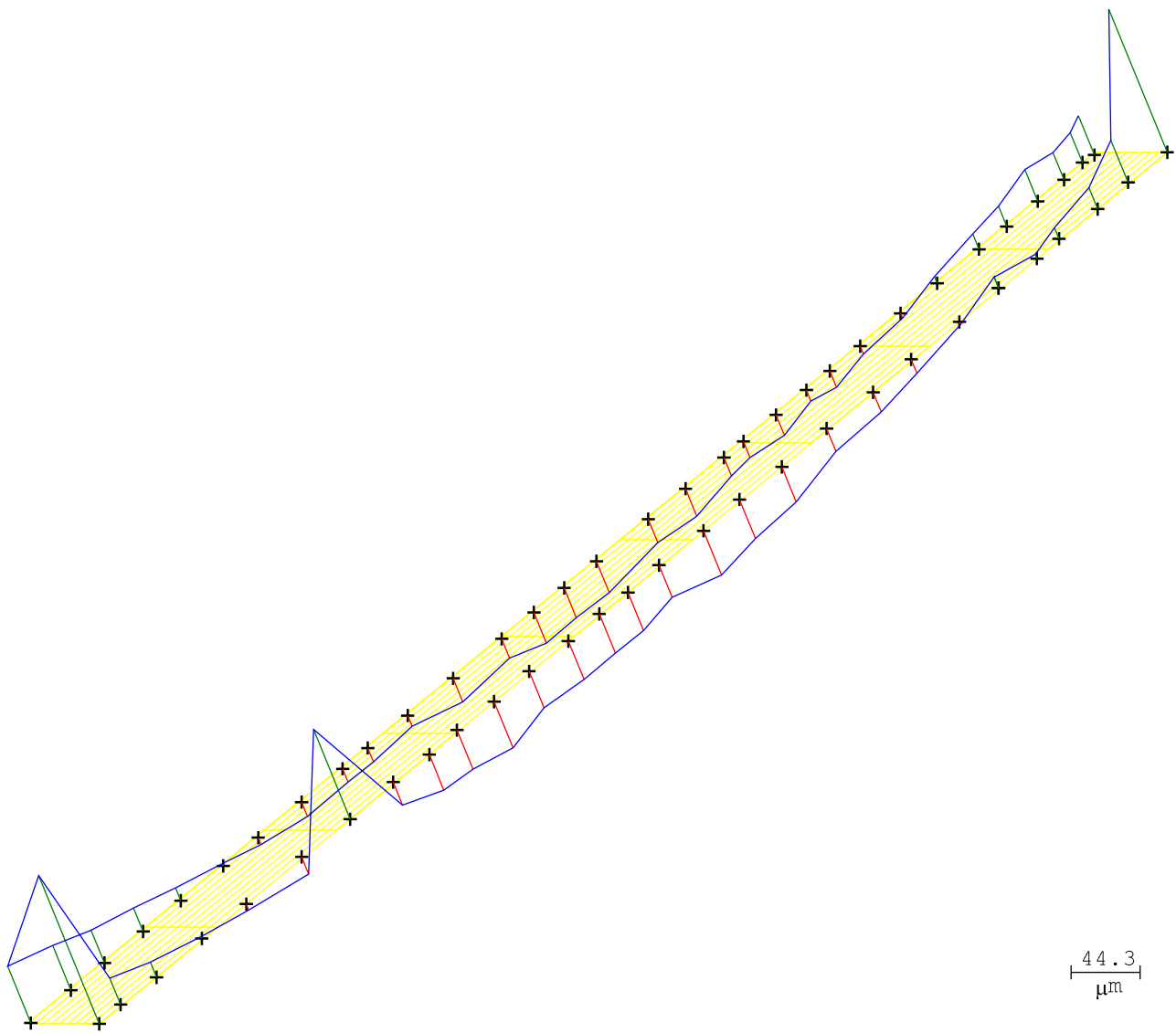




Actual points : * * *

Neg. Deviation : ———

Pos. Deviation : ———

Notation : **UNDULATOR**

Producer :

Draw. No. :

Ser. No. : **10**

Part No. :

Department:

Calcul. .: **Bestfit (Gauss)**

Filtering: **No**

Probe dia.: **5** mm

Element : **PLA_B**

X

Y

Z

No.

Form: **0.1440** Neg. Deviat.: **-0.0342** **115.4439** **96.9977** **-2144.000** **20**

Error Magnif.: **3000** Pos. Deviat.: **0.1099** **115.5897** **96.9992** **-3384.973** **30**

No. of points: **62**

MESSTECHNIK WETZLAR

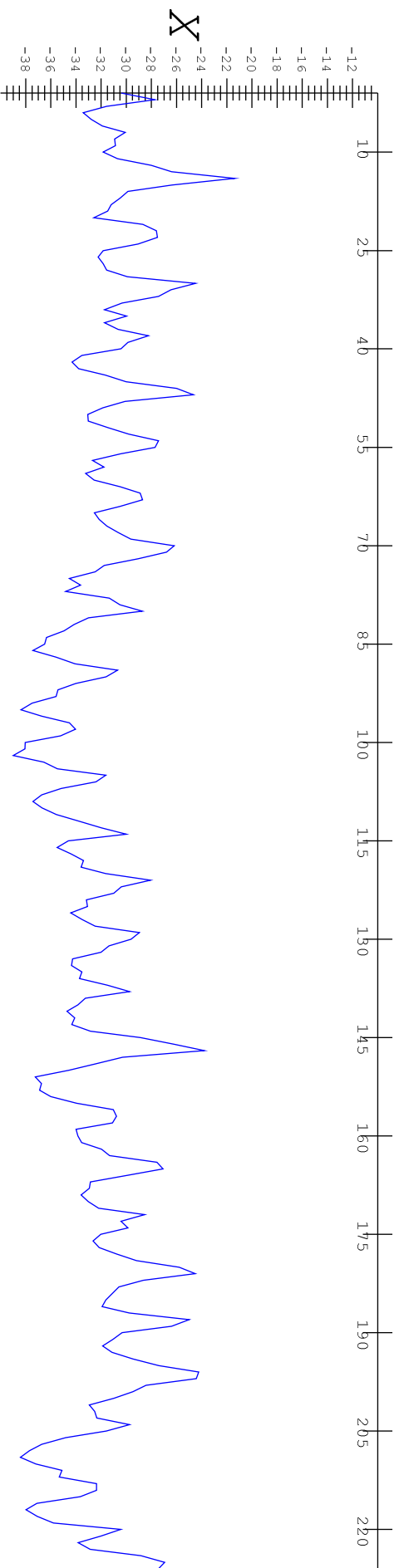


FLATNESS
ISO 1101

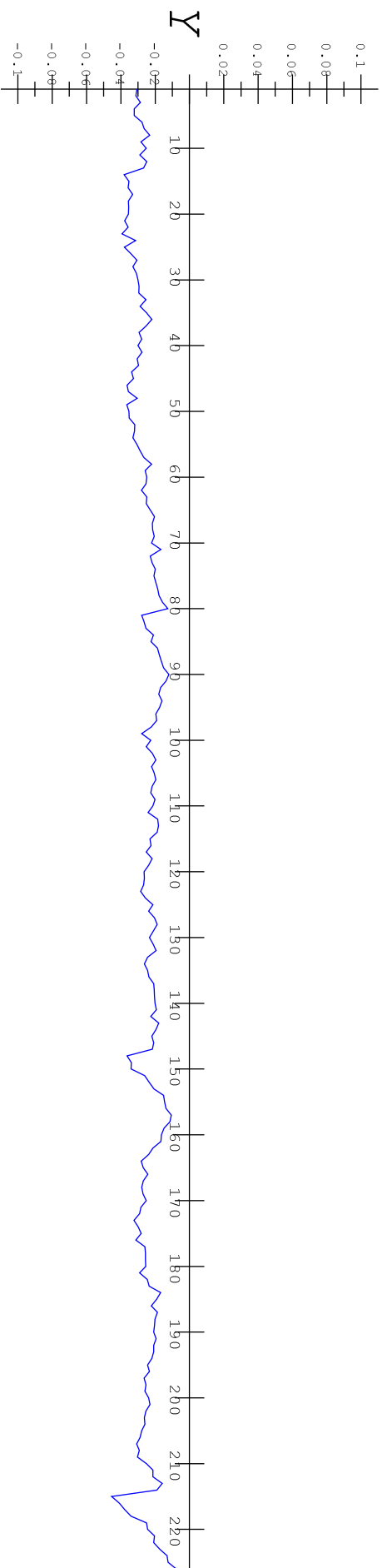
Inspector :Quindos

Date:13-MAR-2009

Time:13:49:13

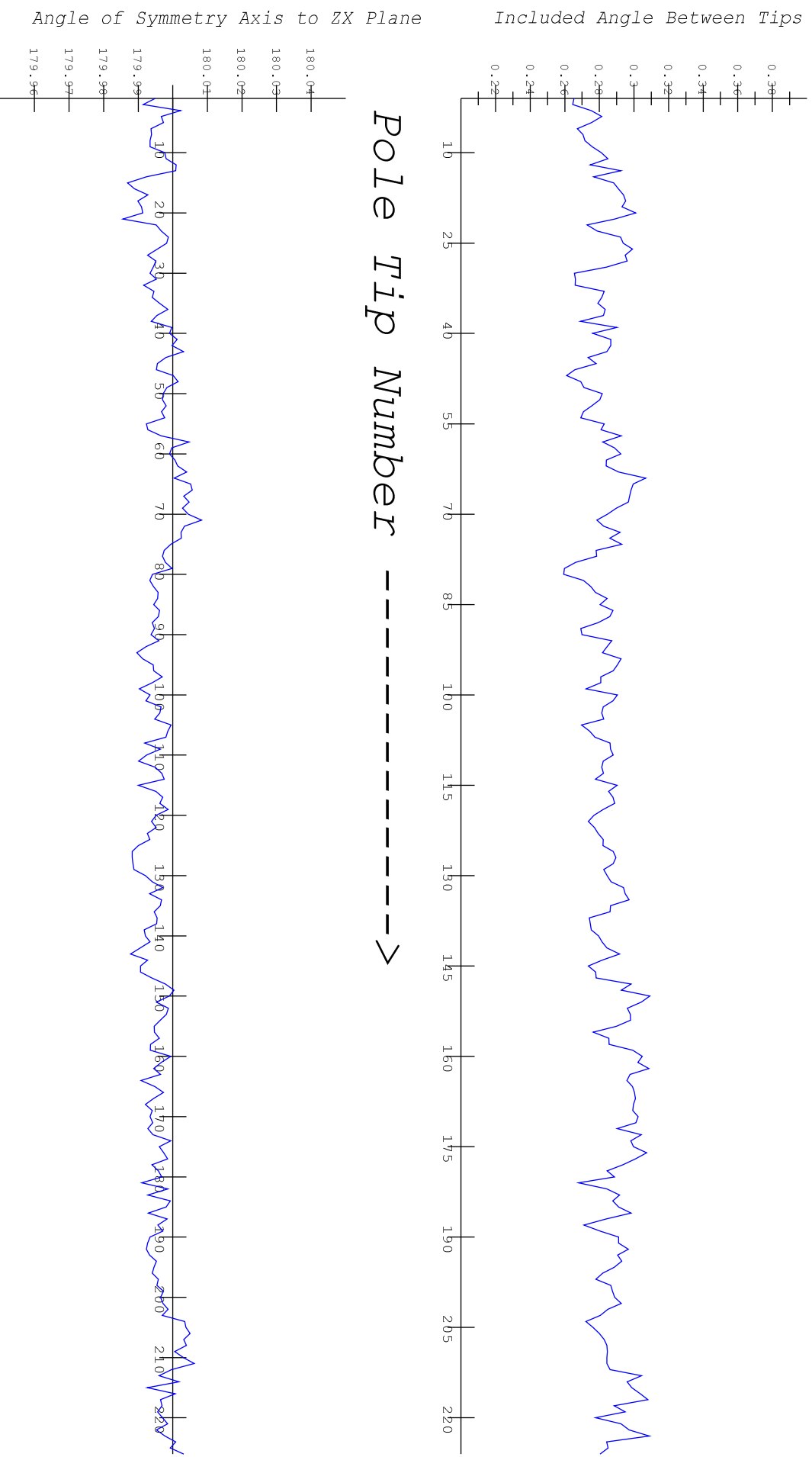


Pole Tip Number ----->



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

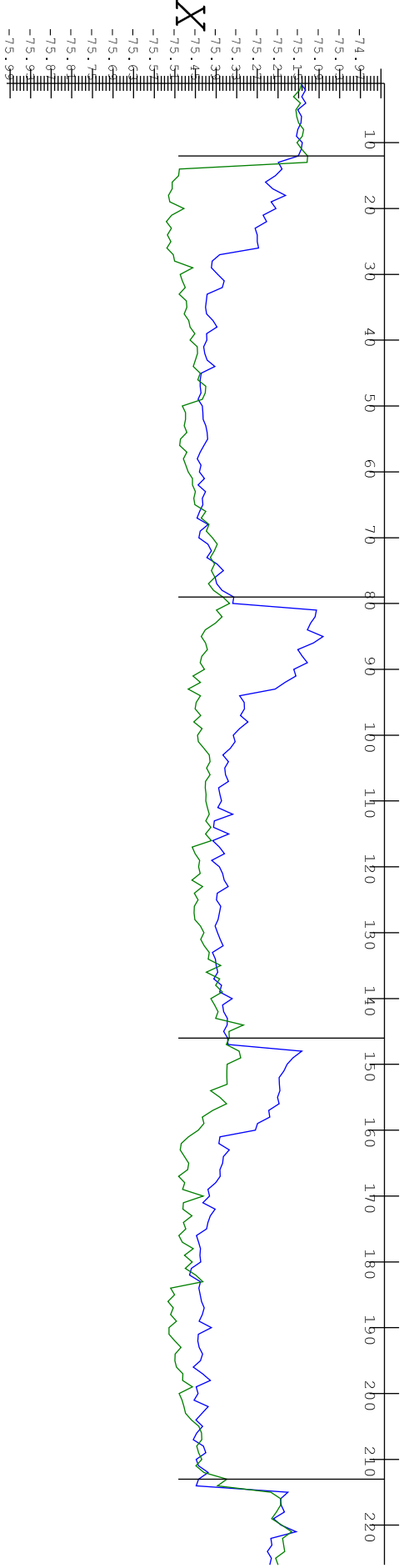
SLAC LCLS-MMF LEITZ CMM	Undulator Pole Tip Offsets Measured unrestrained	DATE:13-MAR-2009 UNDULATOR #10
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Symmetry Axis is the symmetry axis between the Upper and Lower Pole Tips
Included Angle is the angle between the Upper and Lower Pole Tips

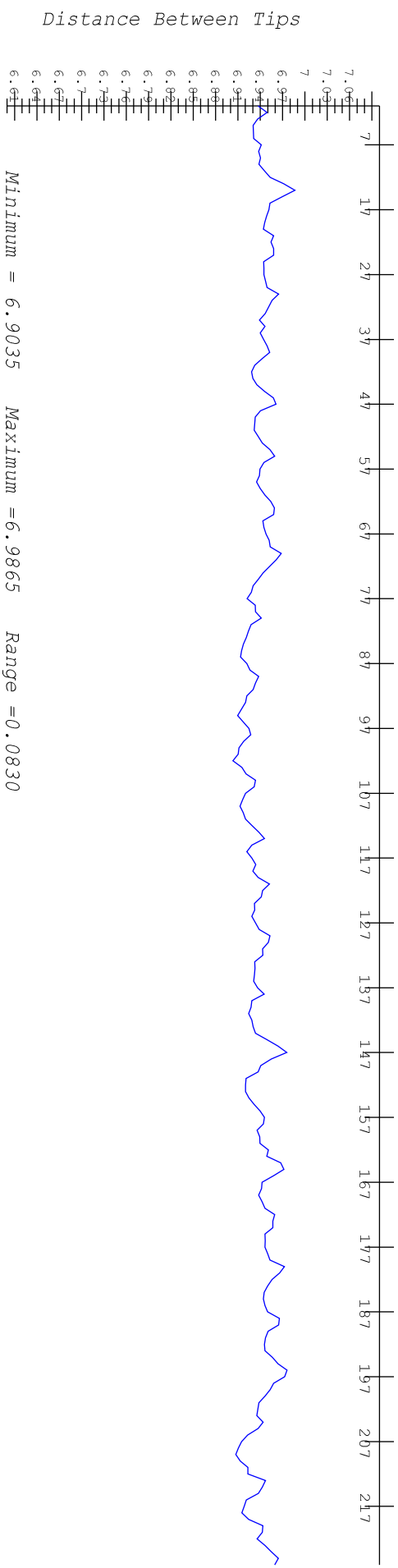
SLAC LCLS-MMF LEITZ CMM	Undulator Pole Tip Angles Measured unrestrained	DATE: 13-MAR-2009 UNDULATOR #10
--------------------------------------	--	------------------------------------

Pole Tip Number ----->

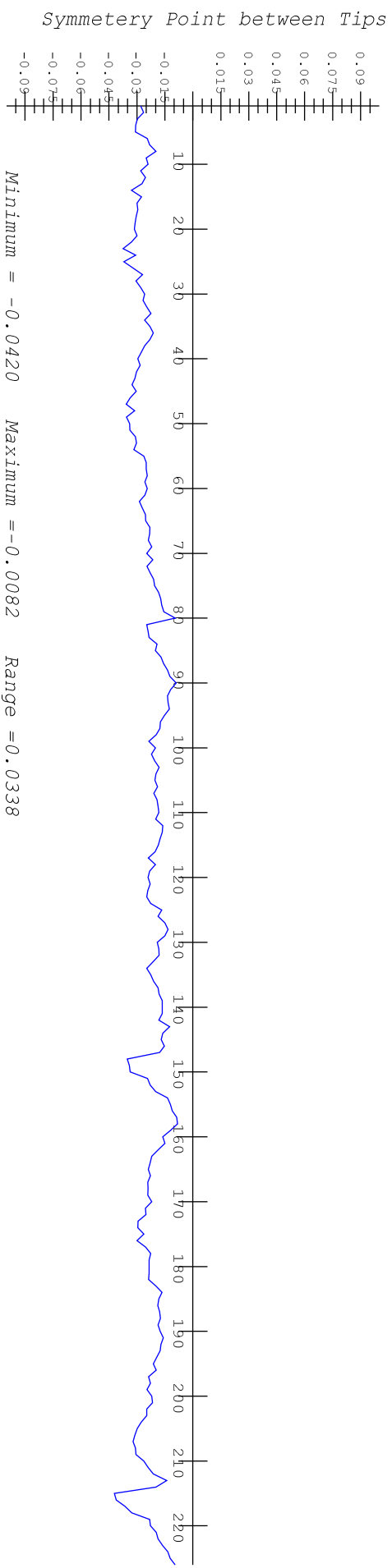


Green = Point on front face of Upper Pole Tip 10mm above Nominal C/L
Blue = Point on front face of Lower Pole Tip 10mm below Nominal C/L

SLAC LCLS-MMF LEITZ CMM	Undulator Pole Tip Location Measured unrestrained	DATE:13-MAR-2009 UNDULATOR #10
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Pole Tip Number ----->

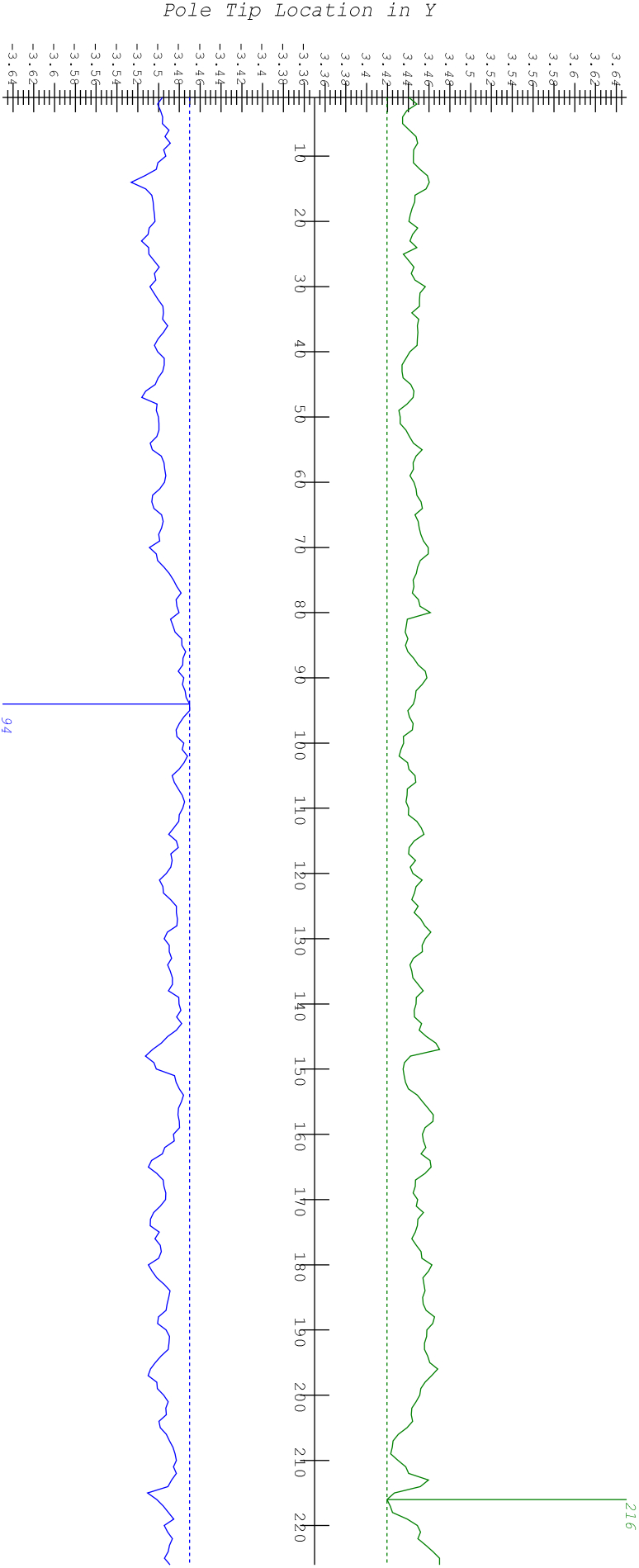


Symmetry Point is the symmetry point between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-
Distance Between Tips is the distance between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-

SLAC LCLS-MMF LEITZ CMM	Undulator Pole Tip Location Measured unrestrained	DATE: 13-MAR-2009 UNDULATOR # 10
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MINIMUM GAP = 6.8896

Minimum = 3.4196 Maximum = 3.4702 Range = 0.0506



Minimum = -3.5262 Maximum = -3.4700 Range = 0.0562

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:13-MAR-2009 UNDUULATOR #10
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