SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

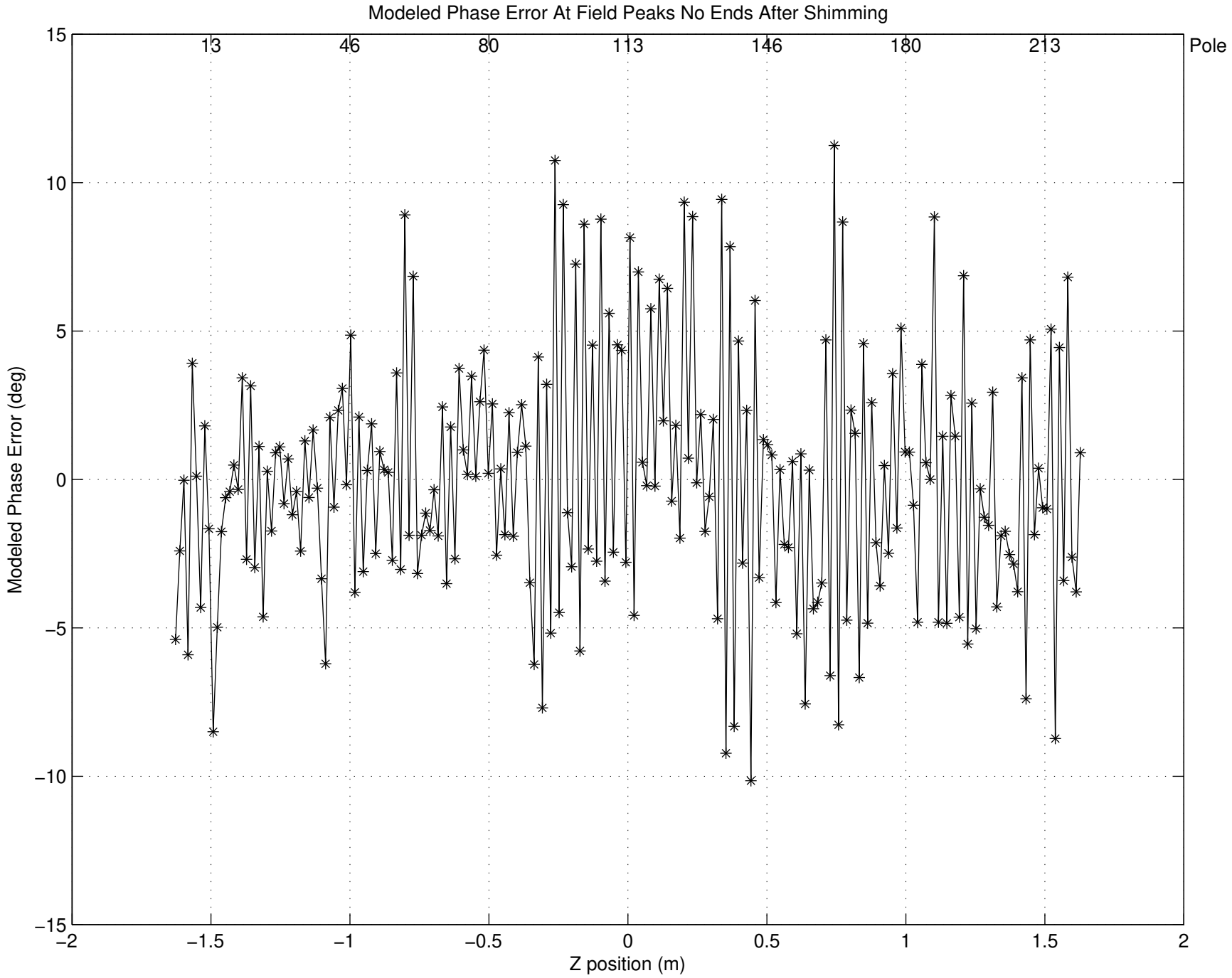
SLAC Magnetic Measurements
Date: 05−10−2010
Time: 12:45:53

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−32
DATASET Number: 4
Tuning Stage: Fine Tuning
Run Number: 3
Measurement Type: Z Scans
Operator: YL
Comment: at min K
Session first run: 2
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−32\DATASET0004\Fine Tuning\Z Scans\Run 003\bscanz.dat

Temperature (C)
L143−112000−32:−−> T5 19.95 −−> T2 19.93 −−> T1 19.96 −−> T3 19.94 −−> Air 19.96 −−> T4 19.94

Axes position (m) X:0.026414 Y:0.000424
Initial Hall Probe Zero Measurements:
$Vx_0i$ = 0.001311 V
$Vy_0i$ = −0.002941 V




Phase Error: Ave = −0.000000 deg, RMS = 4.186244 deg