SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

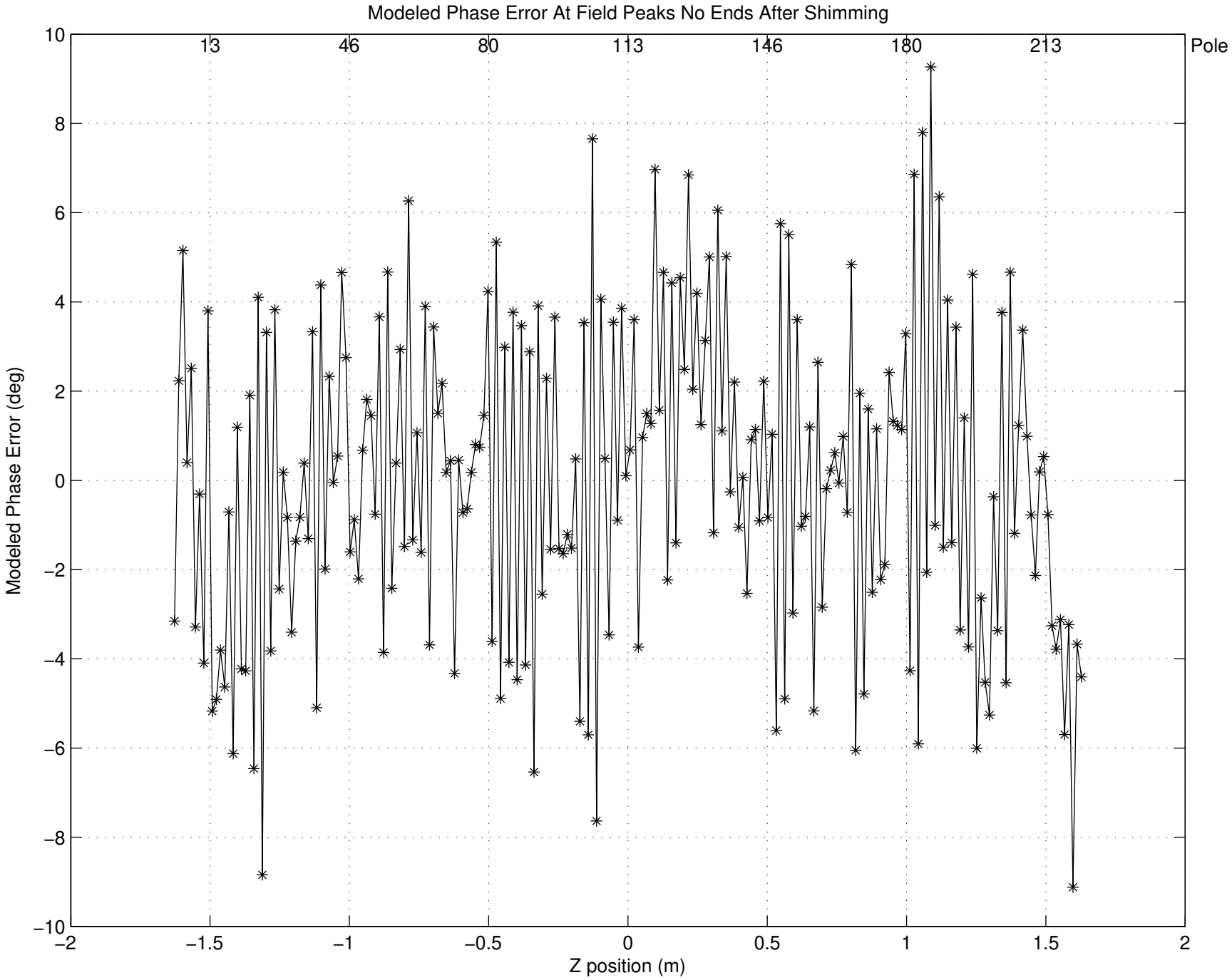
SLAC Magnetic Measurements
Date: 02−26−2013
Time: 09:12:02

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−21
DATASET Number: 3
Tuning Stage: Fine Tuning
Run Number: 2
Measurement Type: Z Scans
Operator: YL
Comment: find Y at min K
Session first run: 2
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−21\DATASET0003\Fine Tuning\Z Scans\Run 002\bscanz.dat

Temperature (C)
L143−112000−21:−−> T1 20.00 −−> T2 20.00 −−> T5 20.00 −−> T3 20.00 −−> Air 19.94 −−> T4 20.00

Axes position (m) X:0.029173 Y:0.000250
Initial Hall Probe Zero Measurements:
Vx_0i = 0.000662 V
Vy_0i = −0.003798 V



Phase Error: Ave = −0.000000 deg, RMS = 3.516017 deg