SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

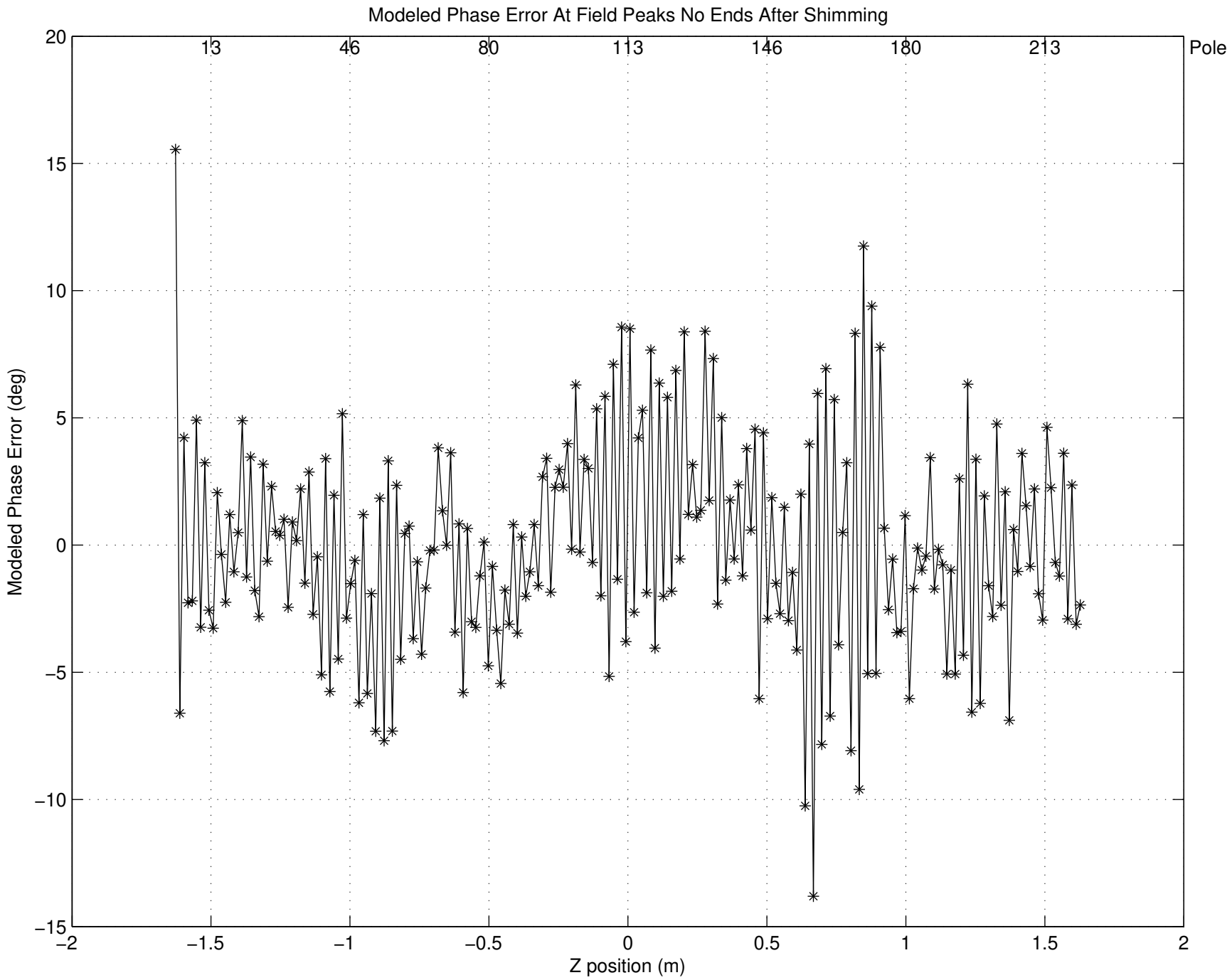
SLAC Magnetic Measurements
Date: 02−07−2013
Time: 14:54:50

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−29
DATASET Number: 3
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\L143−112000−29\DATASET0003\Fine Tuning\Z Scans\Run 003\bscanz.dat

Temperature (C)
L143−112000−29:−−> T1 20.07 −−> T2 20.08 −−> T5 20.03 −−> T3 20.08 −−> Air 19.94 −−> T4 20.07

Axes position (m) X:0.028830 Y:0.000279
Initial Hall Probe Zero Measurements:
$Vx_0i$ = 0.000922 V
$Vy_0i$ = −0.003484 V




Phase Error: Ave = 0.000000 deg, RMS = 4.206317 deg