SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

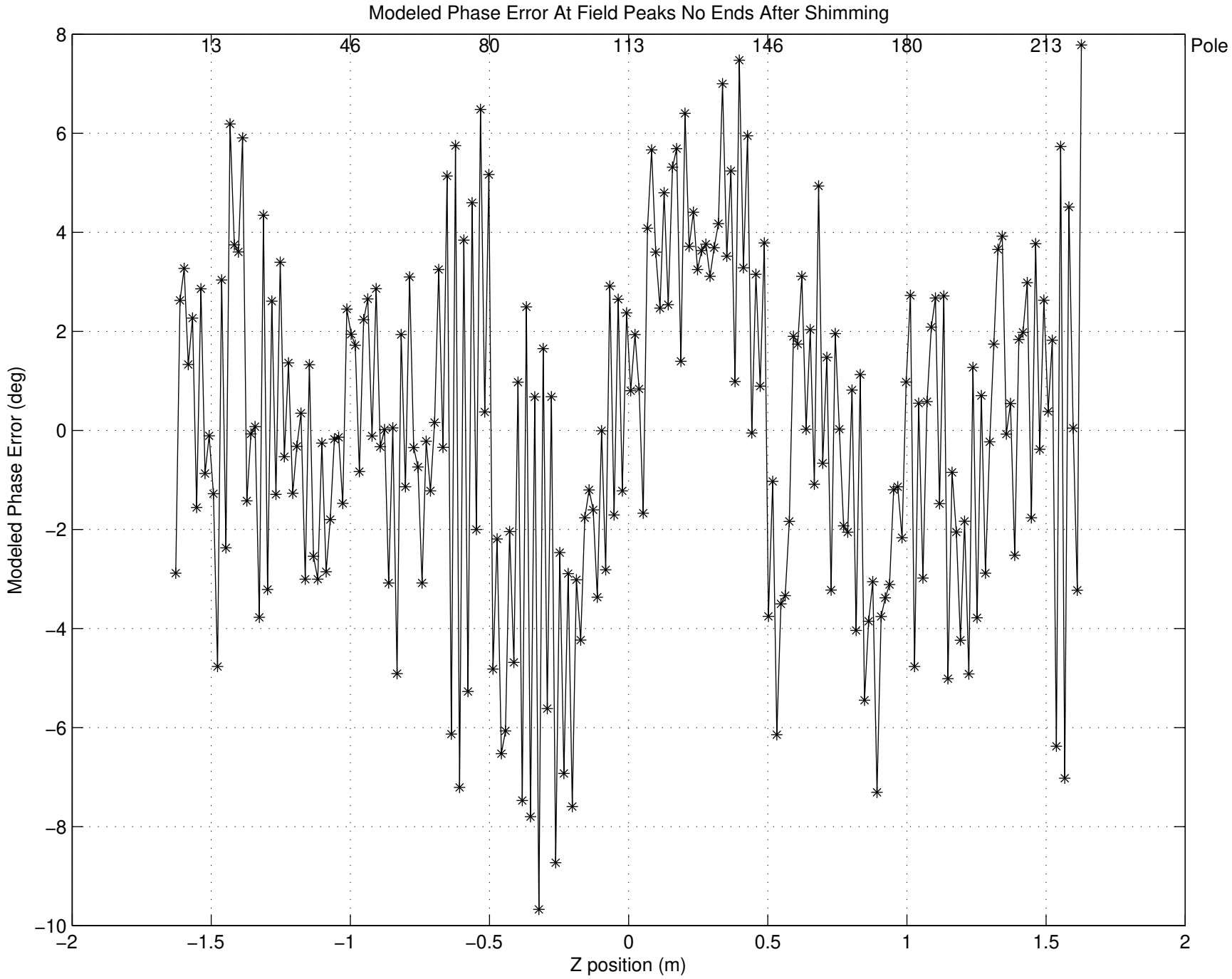
SLAC Magnetic Measurements
Date: 08−24−2011
Time: 16:30:44

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−11
DATASET Number: 3
Tuning Stage: Fine Tuning
Run Number: 8
Measurement Type: Z Scans
Operator: YL
Comment: tuning
Session first run: 3
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−11\DATASET0003\Fine Tuning\Z Scans\Run 008\bscanz.dat

Temperature (C)
L143−112000−11:−−> T1 19.99 −−> T2 19.97 −−> T5 19.96 −−> T3 19.96 −−> Air 20.06 −−> T4 19.96

Axes position (m) X:0.027710 Y:0.000283
Initial Hall Probe Zero Measurements:
$Vx_0i$ = 0.001089 V
$Vy_0i$ = −0.002914 V




Phase Error: Ave = 0.000000 deg, RMS = 3.500662 deg