SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

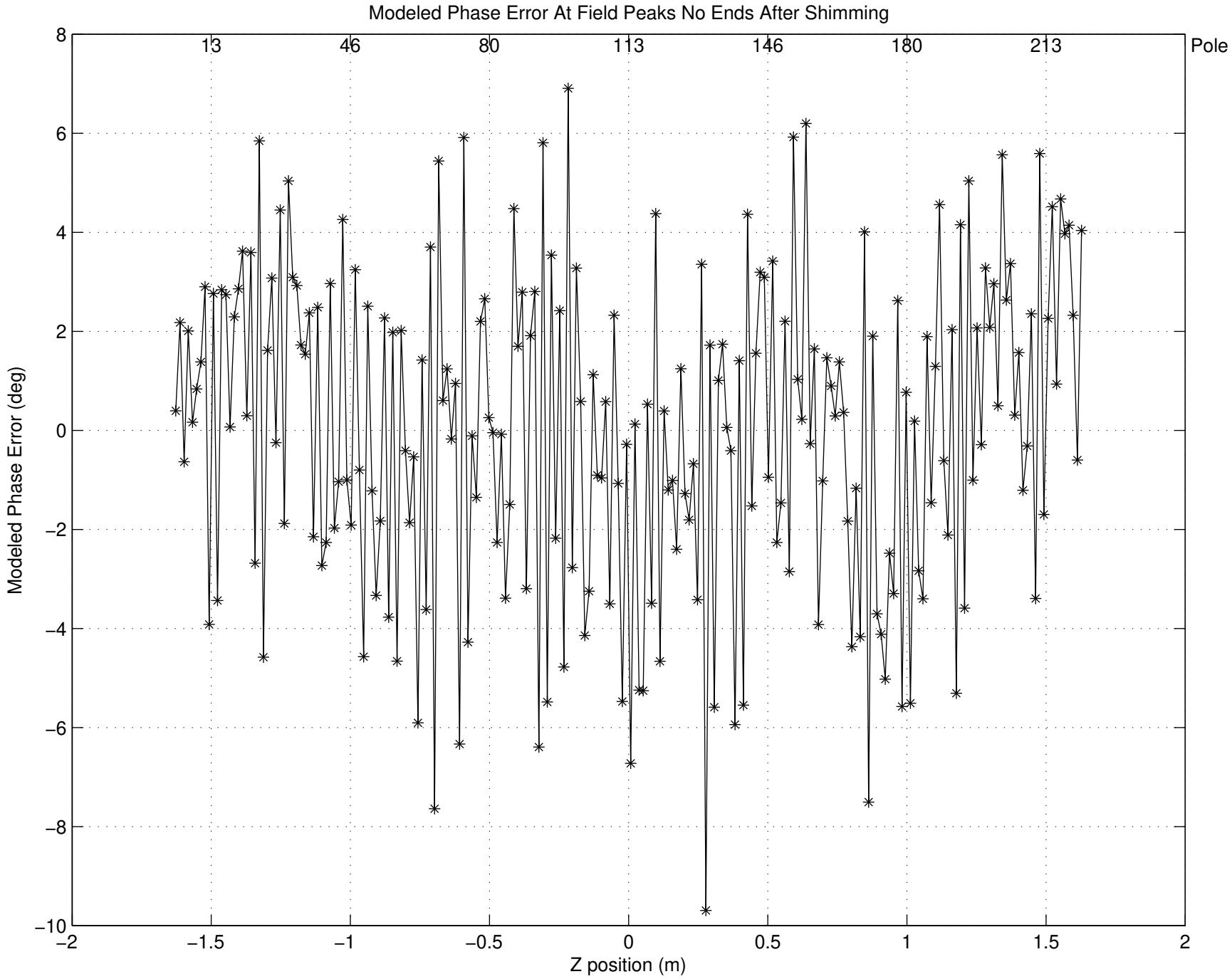
SLAC Magnetic Measurements
Date: 01−29−2013
Time: 16:24:14

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−23
DATASET Number: 2
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\L143−112000−23\DATASET0002\Fine Tuning\Z Scans\Run 003\bscanz.dat

Temperature (C)
L143−112000−23:−−> T1 20.07 −−> T2 20.08 −−> T5 20.03 −−> T3 20.08 −−> Air 19.98 −−> T4 20.08

Axes position (m) X:0.028642 Y:0.000262
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001017 V
Vy_0i = −0.003591 V



Phase Error: Ave = −0.000000 deg, RMS = 3.229798 deg