SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

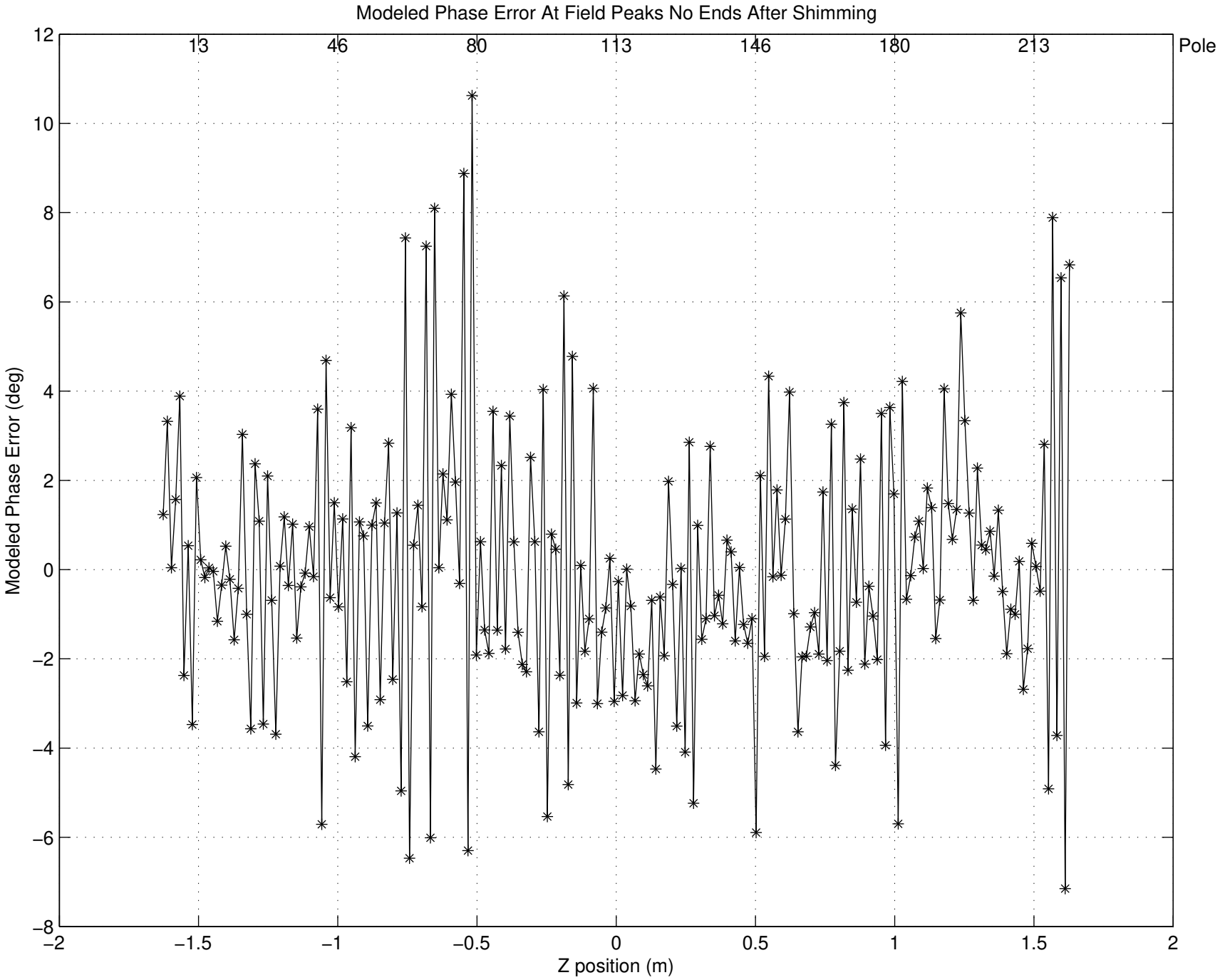
SLAC Magnetic Measurements
Date: 09−25−2012
Time: 10:46:50

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−20
DATASET Number: 8
Tuning Stage: Fine Tuning
Run Number: 13
Measurement Type: Z Scans
Operator: YL
Comment: find Y at min K; shims glued
Session first run: 12
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−20\DATASET0008\Fine Tuning\Z Scans\Run 013\bscanz.dat

Temperature (C)
L143−112000−20:−−> T1 20.10 −−> T2 20.09 −−> T5 20.04 −−> T3 20.09 −−> Air 20.02 −−> T4 20.08

Axes position (m) X:0.029964 Y:0.000275
Initial Hall Probe Zero Measurements:
Vx_0i = 0.000966 V
Vy_0i = −0.003264 V



Phase Error: Ave = 0.000000 deg, RMS = 2.922985 deg