SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

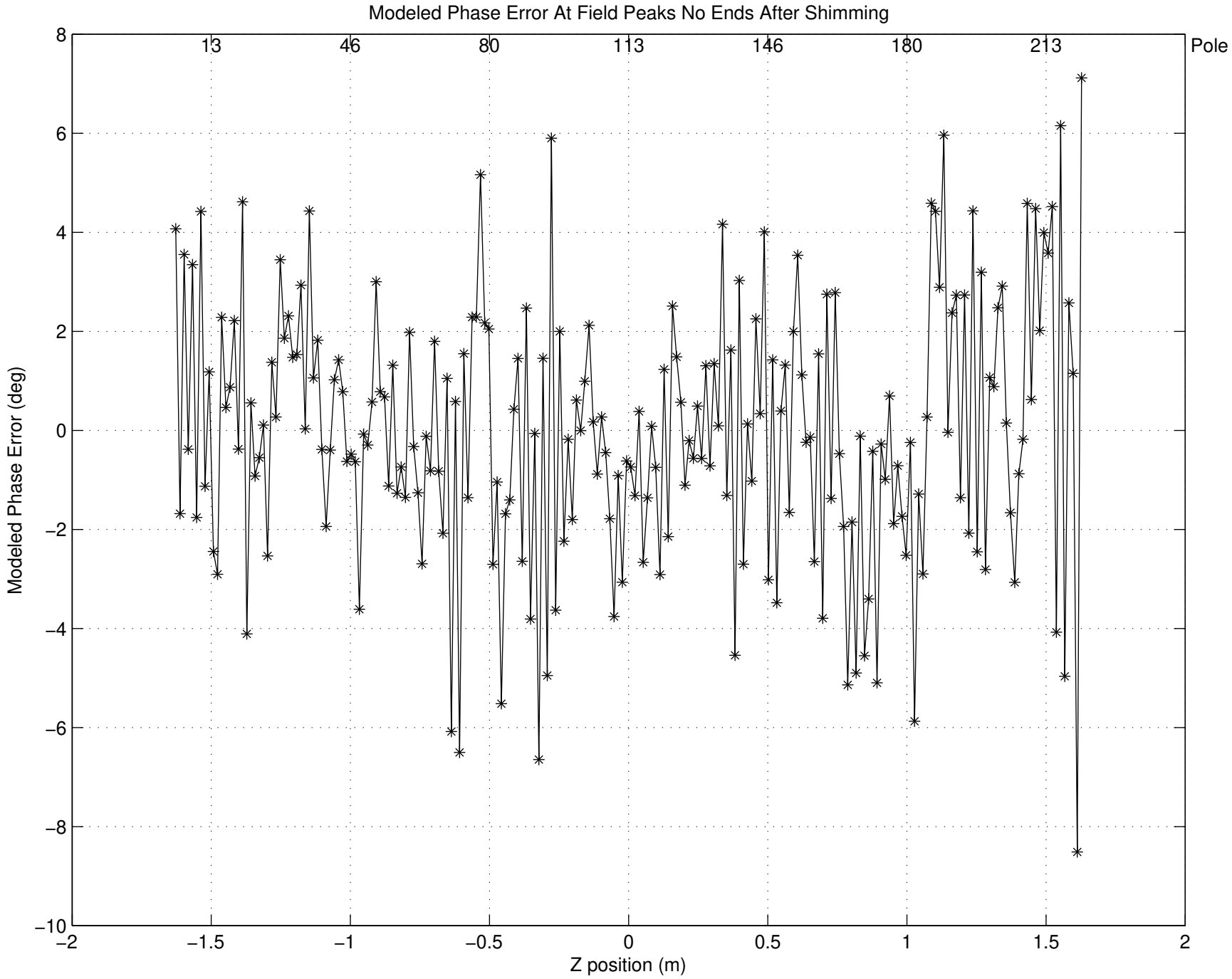
SLAC Magnetic Measurements
Date: 10−10−2011
Time: 14:57:43

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−11
DATASET Number: 3
Tuning Stage: Fine Tuning
Run Number: 32
Measurement Type: Z Scans
Operator: YL
Comment: at min K;check after power outage
Session first run: 31
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−11\DATASET0003\Fine Tuning\Z Scans\Run 032\bscanz.dat

Temperature (C)
L143−112000−11:−−> T1 20.04 −−> T2 20.02 −−> T5 20.02 −−> T3 20.02 −−> Air 20.14 −−> T4 20.02

Axes position (m) X:0.027719 Y:0.000247
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001093 V
Vy_0i = −0.003030 V



Phase Error: Ave = −0.000000 deg, RMS = 2.634752 deg