SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

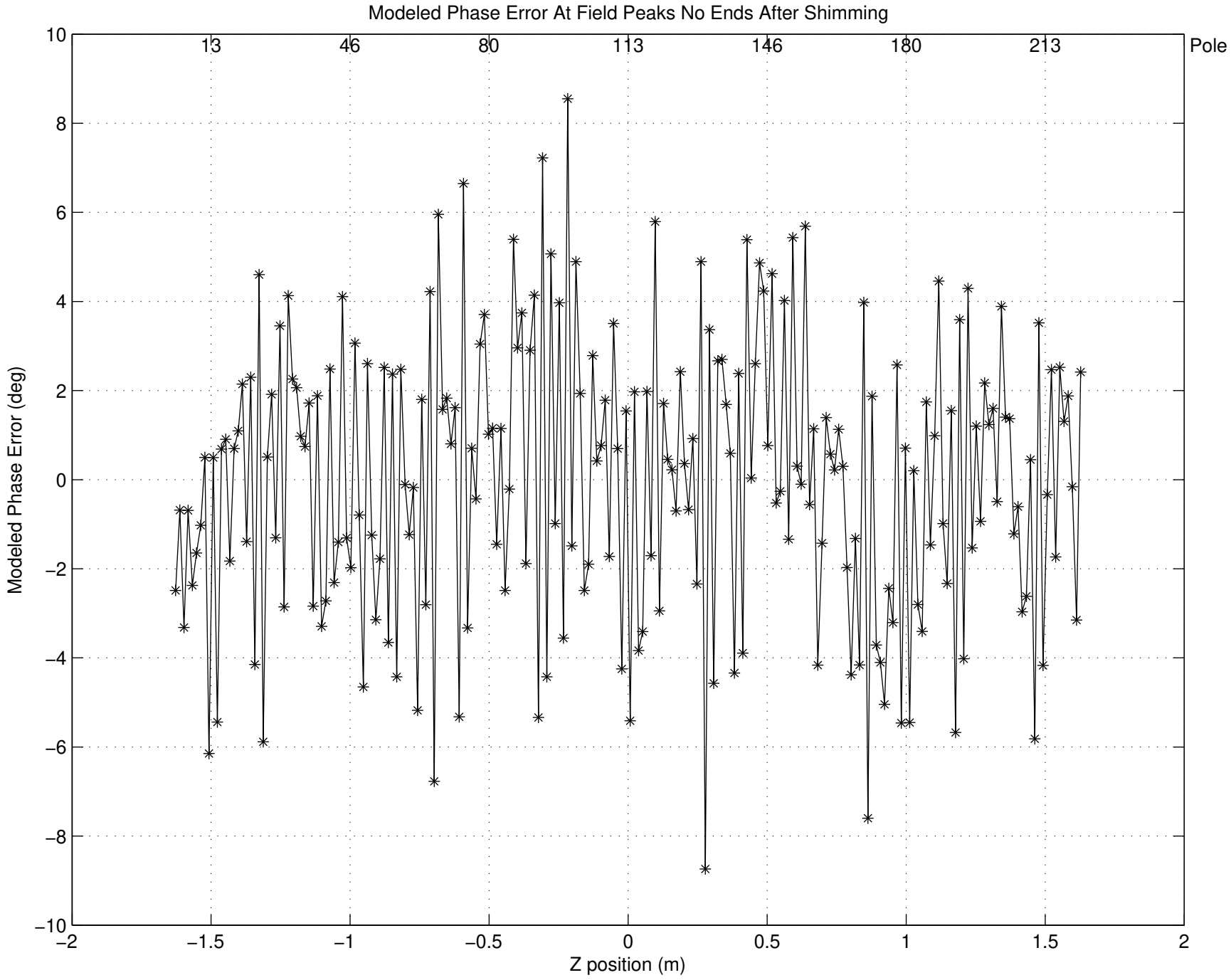
SLAC Magnetic Measurements
Date: 02−04−2013
Time: 09:56:43

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−23
DATASET Number: 2
Tuning Stage: Fine Tuning
Run Number: 11
Measurement Type: Z Scans
Operator: YL
Comment: final scans
Session first run: 9
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−23\DATASET0002\Fine Tuning\Z Scans\Run 011\bscanz.dat

Temperature (C)
L143−112000−23:−−> T1 19.97 −−> T2 19.95 −−> T5 19.90 −−> T3 19.93 −−> Air 19.98 −−> T4 19.93

Axes position (m) X:0.029266 Y:0.000388
Initial Hall Probe Zero Measurements:
Vx_0i = 0.000977 V
Vy_0i = −0.003547 V



Phase Error: Ave = −0.000000 deg, RMS = 3.139403 deg