SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

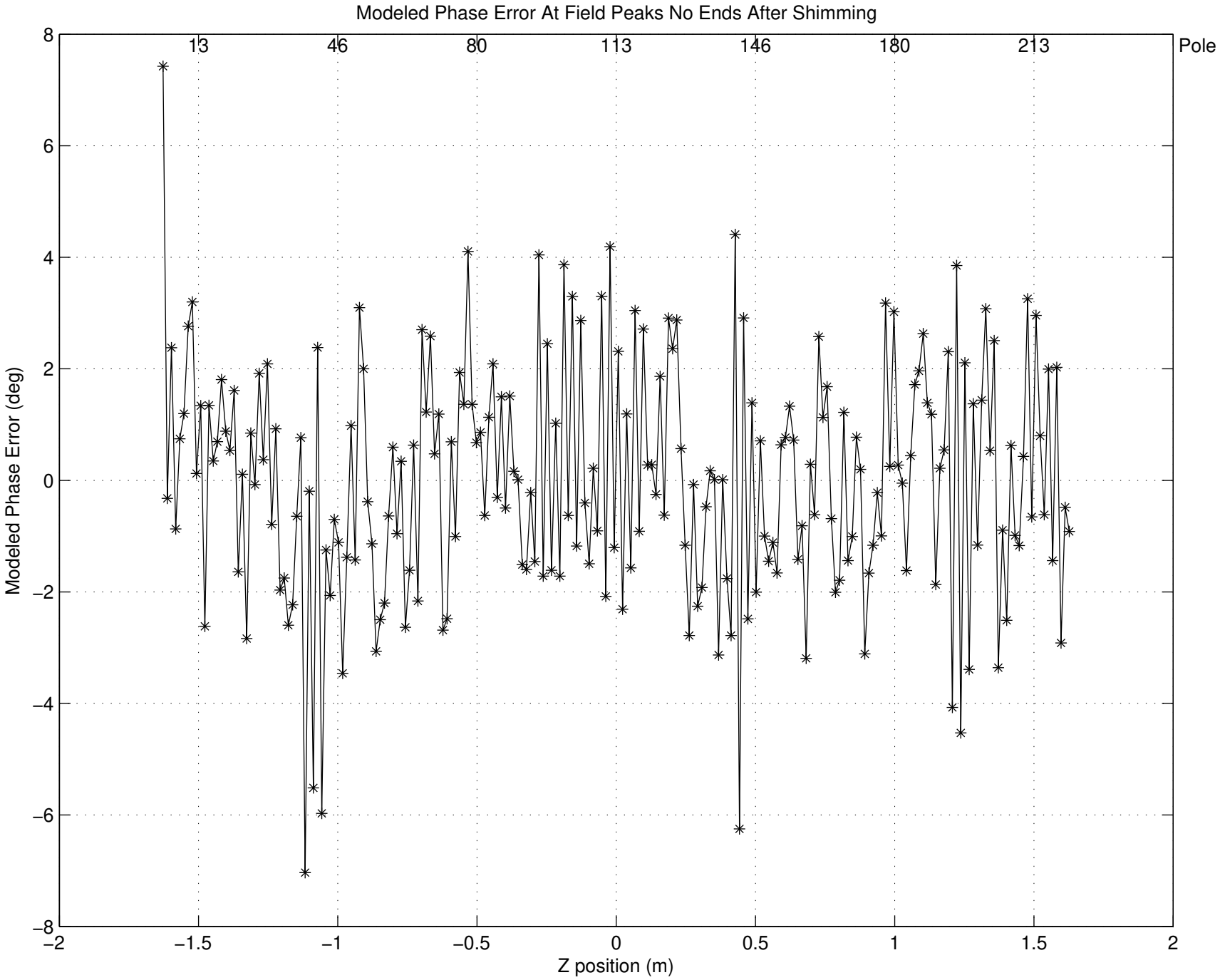
SLAC Magnetic Measurements
Date: 03−02−2012
Time: 10:09:21

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−01
DATASET Number: 2
Tuning Stage: Fine Tuning
Run Number: 25
Measurement Type: Z Scans
Operator: YL
Comment: find Y at min K; before final scan
Session first run: 25
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−01\DATASET0002\Fine Tuning\Z Scans\Run 025\bscanz.dat

Temperature (C)
L143−112000−01:−−> T1 19.98 −−> T2 19.97 −−> T5 19.94 −−> T3 19.96 −−> Air 19.94 −−> T4 19.95

Axes position (m) X:0.030165 Y:0.000209
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001044 V
Vy_0i = −0.003523 V



Phase Error: Ave = 0.000000 deg, RMS = 2.100123 deg