SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

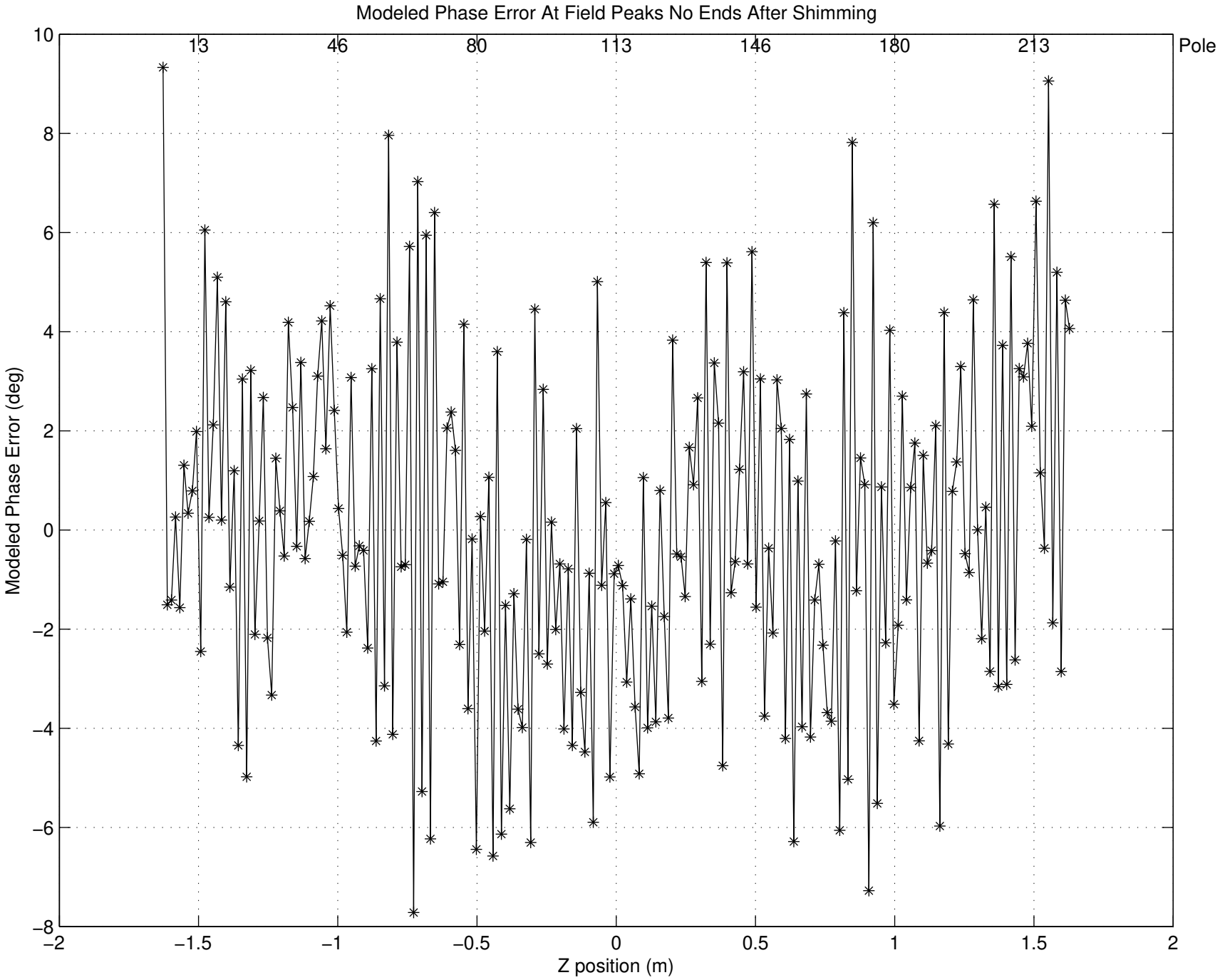
SLAC Magnetic Measurements
Date: 07−19−2011
Time: 14:58:57

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−16
DATASET Number: 6
Tuning Stage: Fine Tuning
Run Number: 2
Measurement Type: Z Scans
Operator: YL
Comment: find Y at min K
Session first run: 2
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−16\DATASET0006\Fine Tuning\Z Scans\Run 002\bscanz.dat

Temperature (C)
L143−112000−16:−−> T1 19.97 −−> T2 19.95 −−> T5 19.94 −−> T3 19.95 −−> Air 20.07 −−> T4 19.95

Axes position (m) X:0.027420 Y:0.000289
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001135 V
Vy_0i = −0.003085 V



Phase Error: Ave = 0.000000 deg, RMS = 3.487185 deg