SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

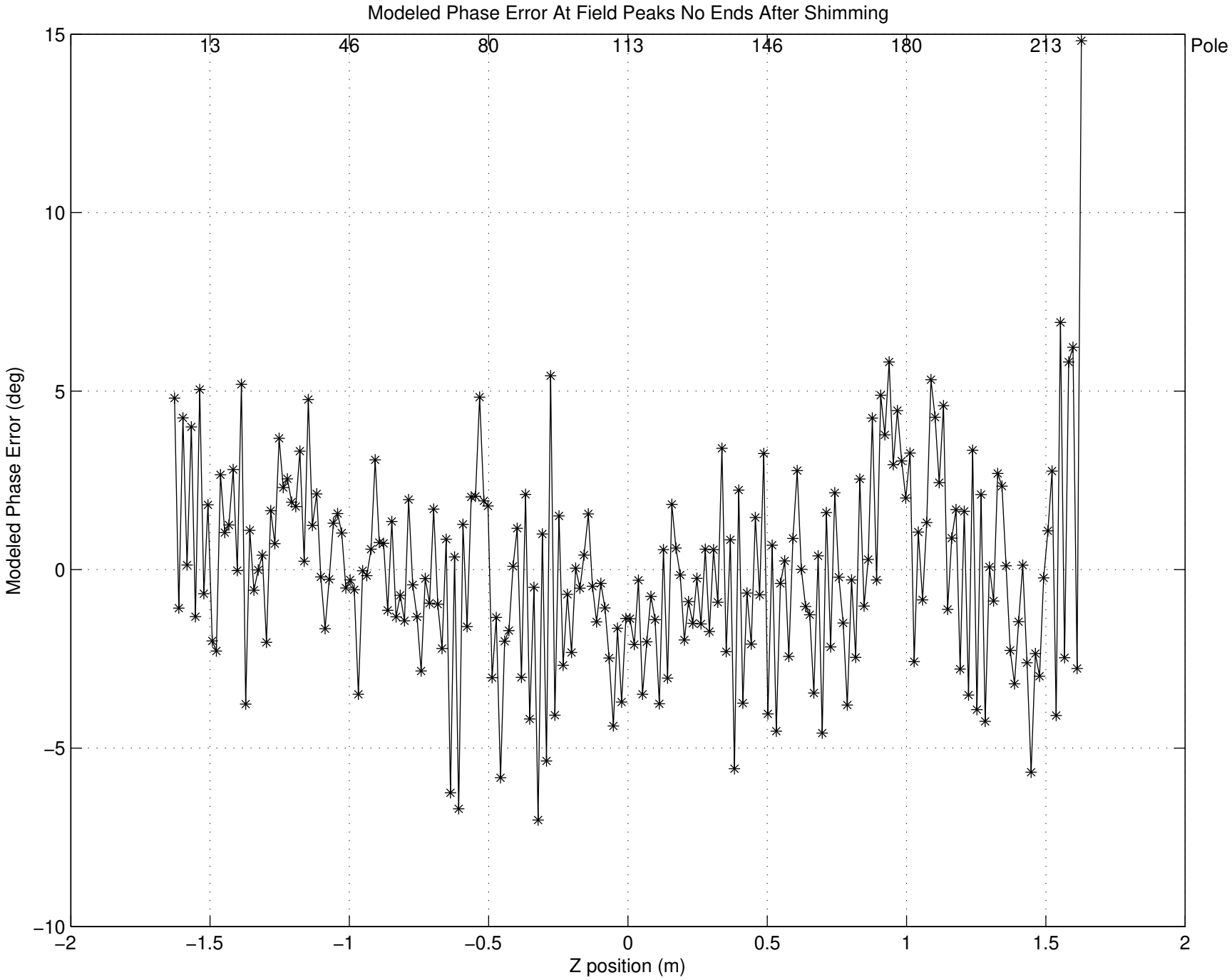
SLAC Magnetic Measurements
Date: 09−06−2011
Time: 15:12:43

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−11
DATASET Number: 3
Tuning Stage: Fine Tuning
Run Number: 22
Measurement Type: Z Scans
Operator: YL
Comment: check before final scans
Session first run: 22
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−11\DATASET0003\Fine Tuning\Z Scans\Run 022\bscanz.dat

Temperature (C)
L143−112000−11:−−> T1 20.03 −−> T2 20.02 −−> T5 20.00 −−> T3 20.02 −−> Air 20.02 −−> T4 20.01

Axes position (m) X:0.027725 Y:0.000279
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001110 V
Vy_0i = −0.002970 V



Phase Error: Ave = 0.000000 deg, RMS = 2.841706 deg