SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

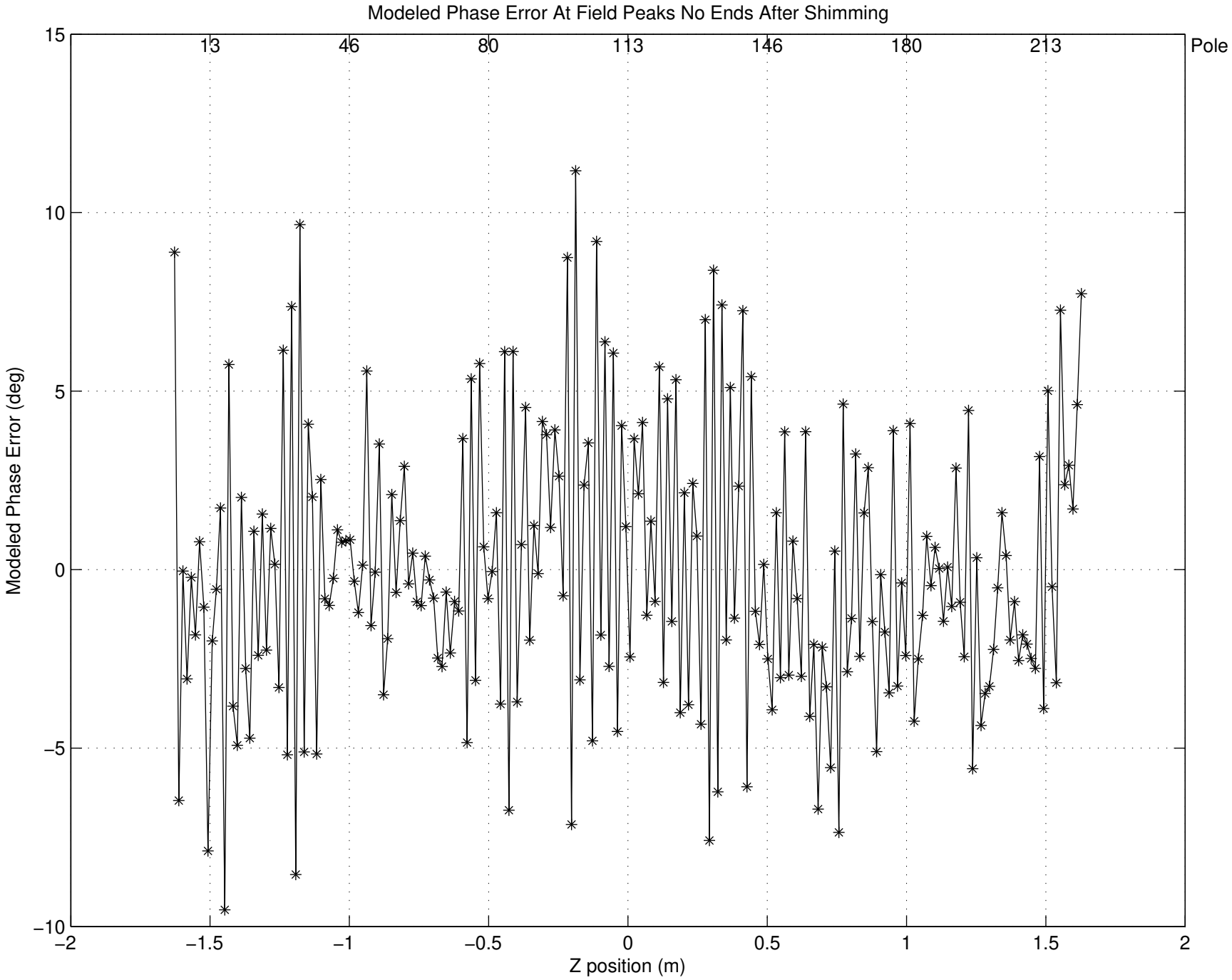
SLAC Magnetic Measurements
Date: 02−26−2014
Time: 09:50:04

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−30
DATASET Number: 5
Tuning Stage: Fine Tuning
Run Number: 8
Measurement Type: Z Scans
Operator: YL
Comment: final
Session first run: 7
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−30\DATASET0005\Fine Tuning\Z Scans\Run 008\bscanz.dat

Temperature (C)
L143−112000−30:−−> T1 20.03 −−> T2 19.99 −−> T5 19.94 −−> T3 19.95 −−> Air 19.94 −−> T4 19.95

Axes position (m) X:0.029763 Y:0.000181
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001136 V
Vy_0i = −0.003200 V



Phase Error: Ave = −0.000000 deg, RMS = 3.828824 deg