SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

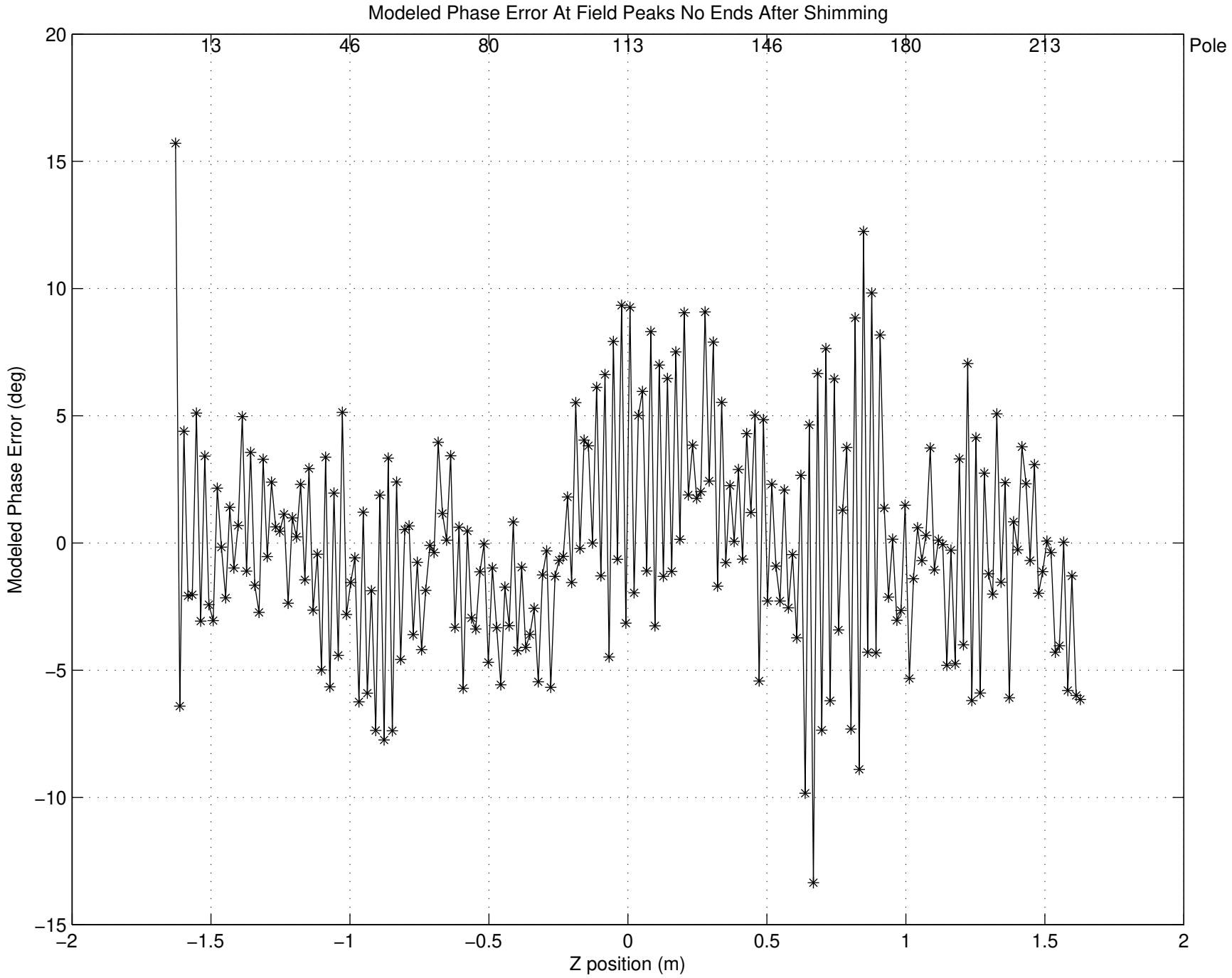
SLAC Magnetic Measurements
Date: 02−07−2013
Time: 15:55:42

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−29
DATASET Number: 3
Tuning Stage: Fine Tuning
Run Number: 4
Measurement Type: Z Scans
Operator: YL
Comment: at min K
Session first run: 4
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−29\DATASET0003\Fine Tuning\Z Scans\Run 004\bscanz.dat

Temperature (C)
L143−112000−29:−−> T1 20.06 −−> T2 20.07 −−> T5 20.08 −−> T3 20.07 −−> Air 19.94 −−> T4 20.06

Axes position (m) X:0.028978 Y:0.000279
Initial Hall Probe Zero Measurements:
Vx_0i = 0.000999 V
Vy_0i = −0.003502 V



Phase Error: Ave = 0.000000 deg, RMS = 4.330769 deg