SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

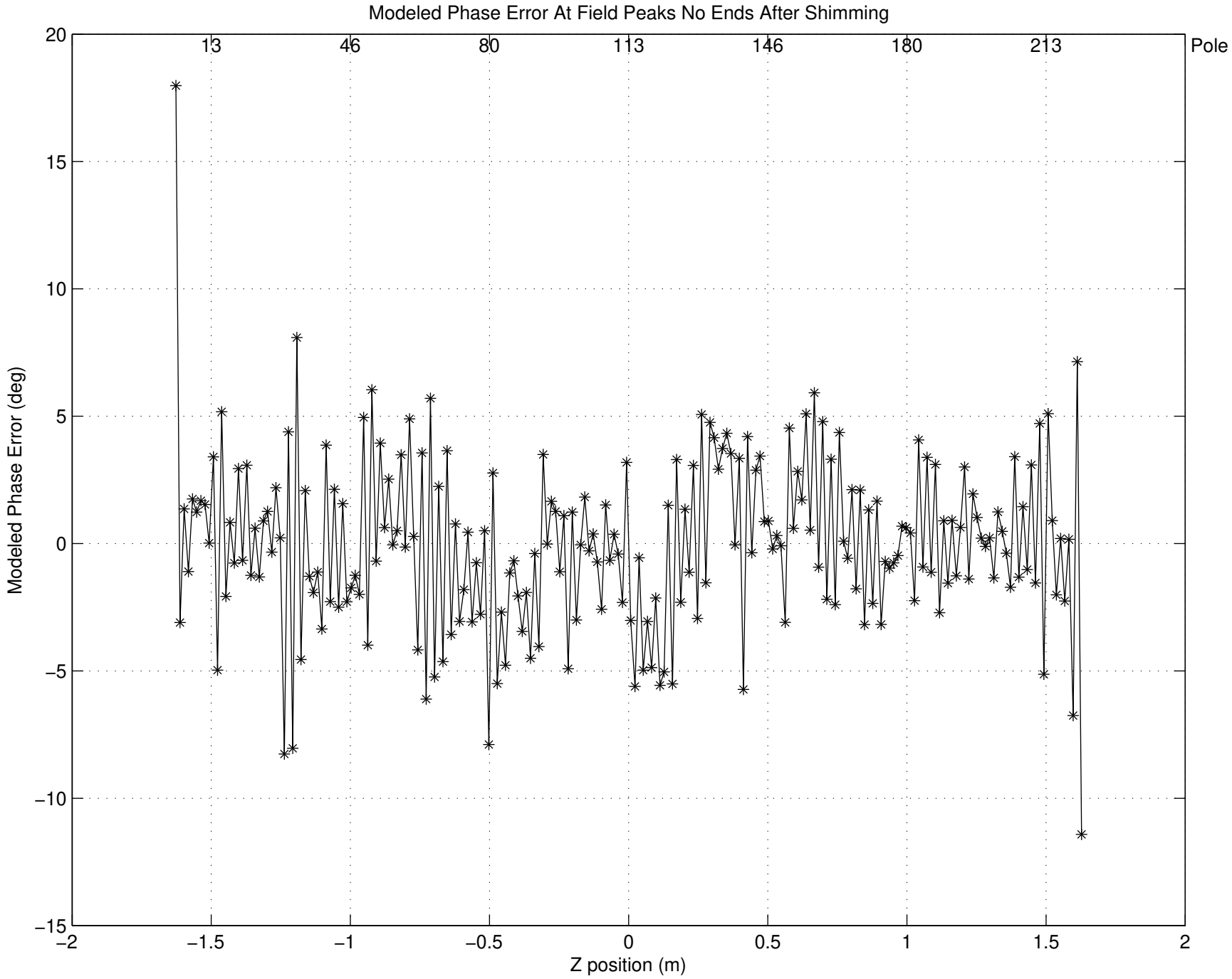
SLAC Magnetic Measurements
Date: 02−21−2012
Time: 09:17:28

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−18
DATASET Number: 4
Tuning Stage: Fine Tuning
Run Number: 25
Measurement Type: Z Scans
Operator: YL
Comment: check Y at min K; before fiducialization
Session first run: 25
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−18\DATASET0004\Fine Tuning\Z Scans\Run 025\bscanz.dat

Temperature (C)
L143−112000−18:−−> T1 19.97 −−> T2 19.96 −−> T5 19.92 −−> T3 19.96 −−> Air 19.95 −−> T4 19.95

Axes position (m) X:0.029752 Y:0.000205
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001110 V
Vy_0i = −0.003476 V



Phase Error: Ave = −0.000000 deg, RMS = 3.352640 deg