SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

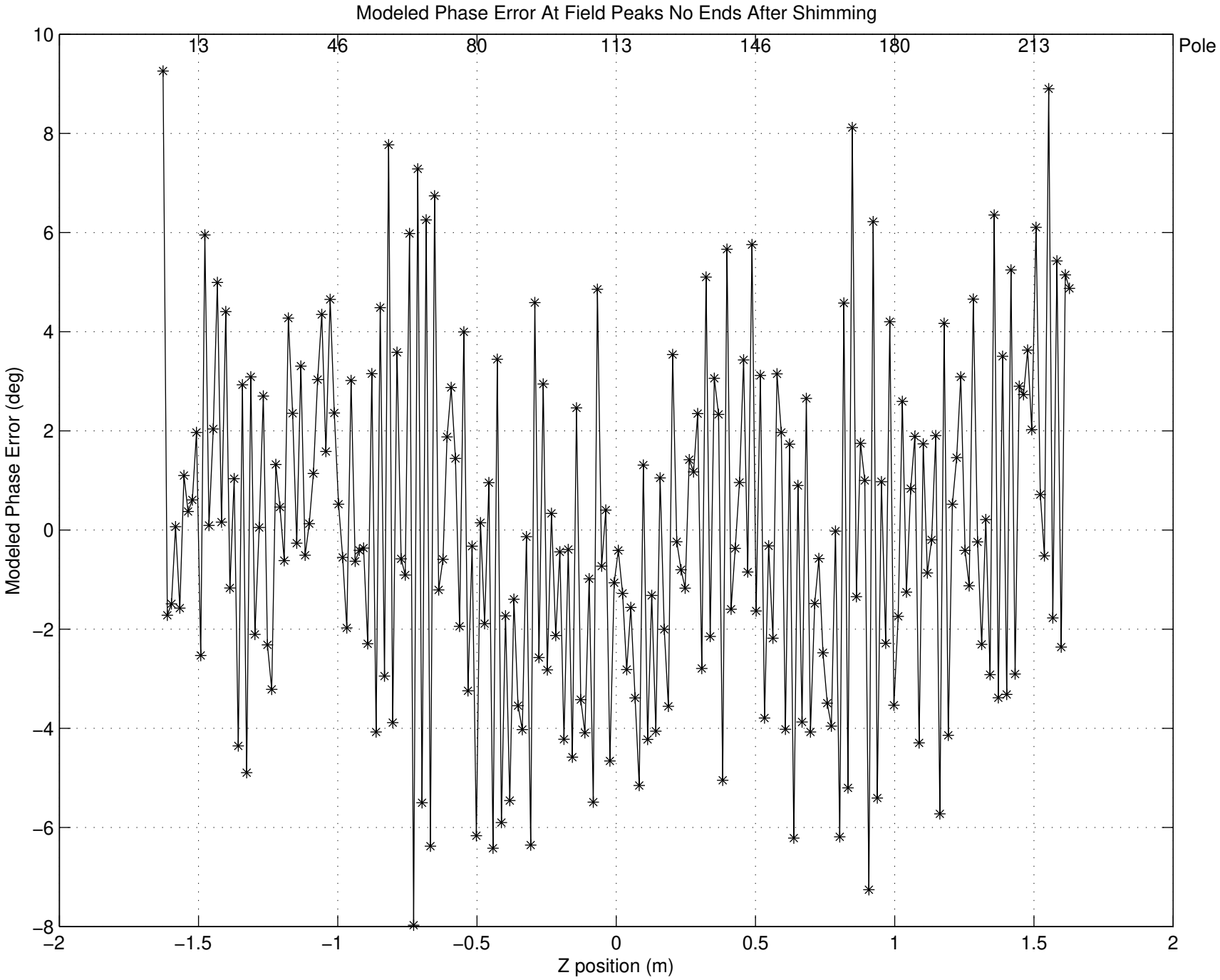
SLAC Magnetic Measurements
Date: 05−21−2013
Time: 14:48:25

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−16
DATASET Number: 7
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\DATASET0007\Fine Tuning\Z Scans\Run 002\bscanz.dat

Temperature (C)
L143−112000−16:−−> T1 20.24 −−> T2 20.26 −−> T5 20.20 −−> T3 20.27 −−> Air 19.97 −−> T4 20.27

Axes position (m) X:0.029510 Y:0.000249
Initial Hall Probe Zero Measurements:
Vx_0i = 0.000778 V
Vy_0i = −0.003413 V



Phase Error: Ave = 0.000000 deg, RMS = 3.475629 deg