SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

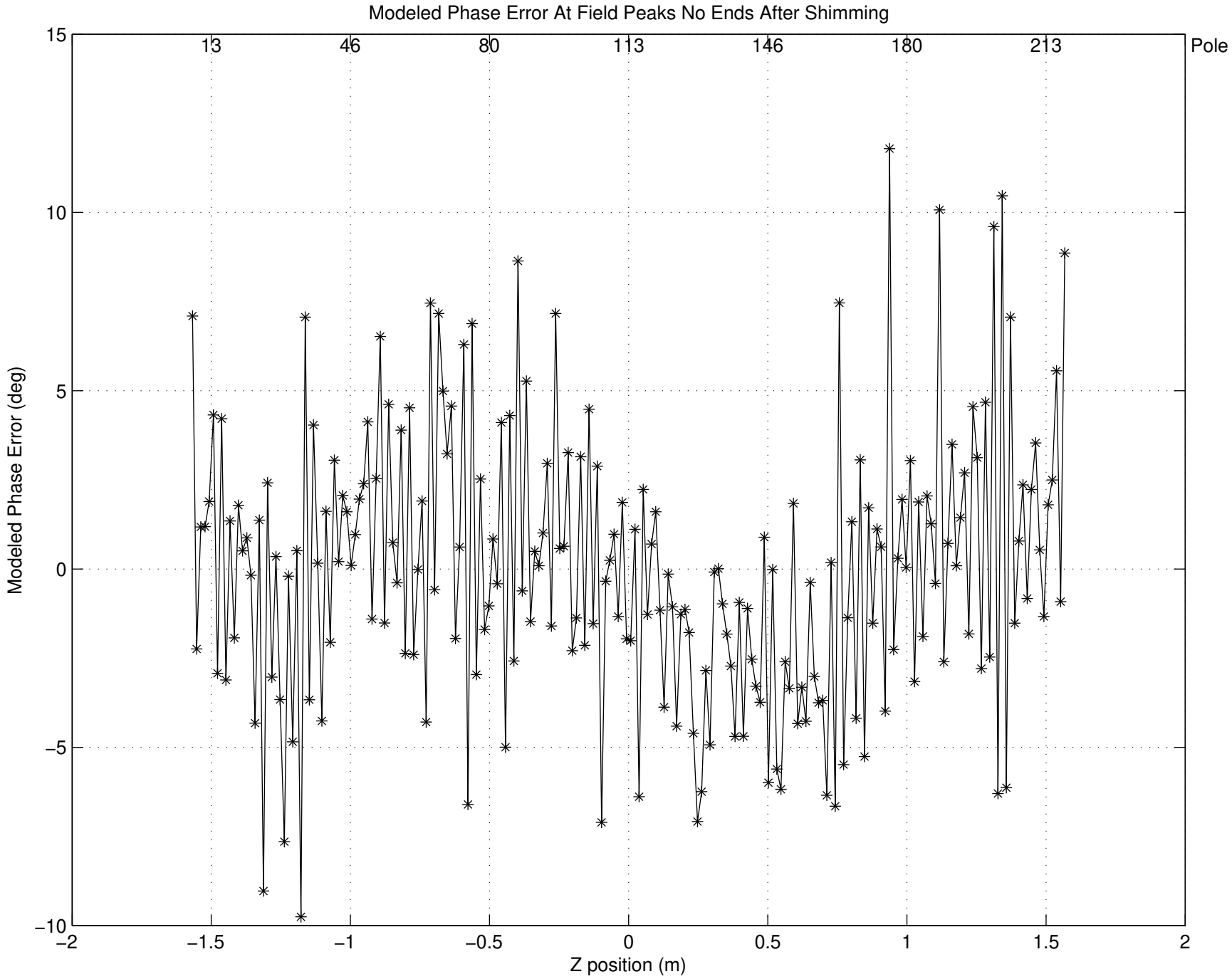
SLAC Magnetic Measurements
Date: 01−31−2011
Time: 11:40:45

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−36
DATASET Number: 2
Tuning Stage: Fine Tuning
Run Number: 5
Measurement Type: Z Scans
Operator: YL
Comment: find Y at min K; before final scan
Session first run: 5
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−36\DATASET0002\Fine Tuning\Z Scans\Run 005\bscanz.dat

Temperature (C)
L143−112000−36:−−> T5 19.92 −−> T2 19.95 −−> T1 19.98 −−> T3 19.96 −−> Air 20.04 −−> T4 19.94

Axes position (m) X:0.029314 Y:0.000600
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001094 V
Vy_0i = −0.003328 V



Phase Error: Ave = −0.000000 deg, RMS = 3.824693 deg