SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

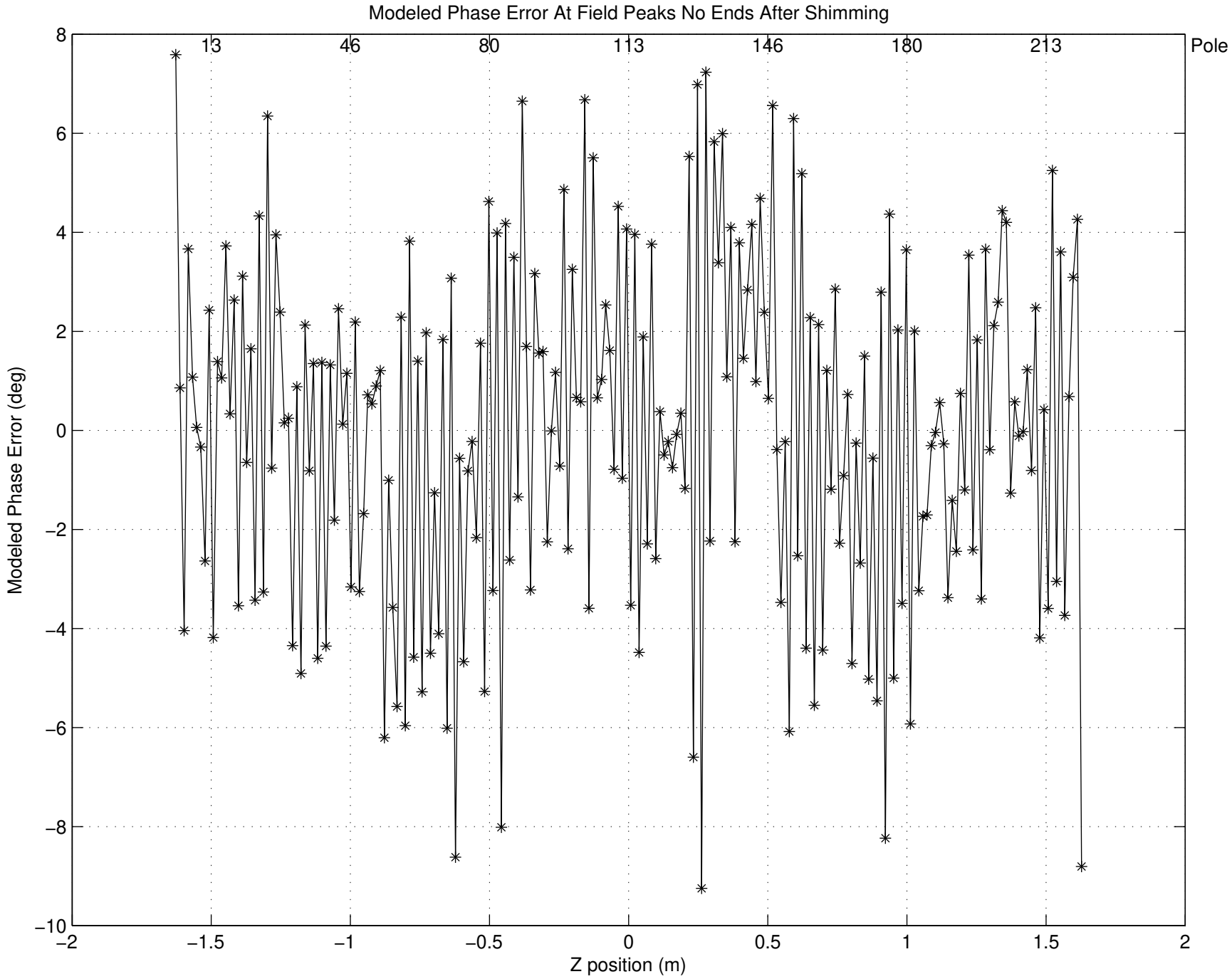
SLAC Magnetic Measurements
Date: 01−13−2014
Time: 14:25:07

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−13
DATASET Number: 46
Tuning Stage: Fine Tuning
Run Number: 5
Measurement Type: Z Scans
Operator: YL
Comment: find Y at min K
Session first run: 5
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−13\DATASET0046\Fine Tuning\Z Scans\Run 005\bscanz.dat

Temperature (C)
L143−112000−13:−−> T1 19.89 −−> T2 19.87 −−> T5 19.86 −−> T3 19.87 −−> Air 20.02 −−> T4 19.86

Axes position (m) X:0.029251 Y:0.000239
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001345 V
Vy_0i = −0.003322 V



Phase Error: Ave = −0.000000 deg, RMS = 3.483306 deg