SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

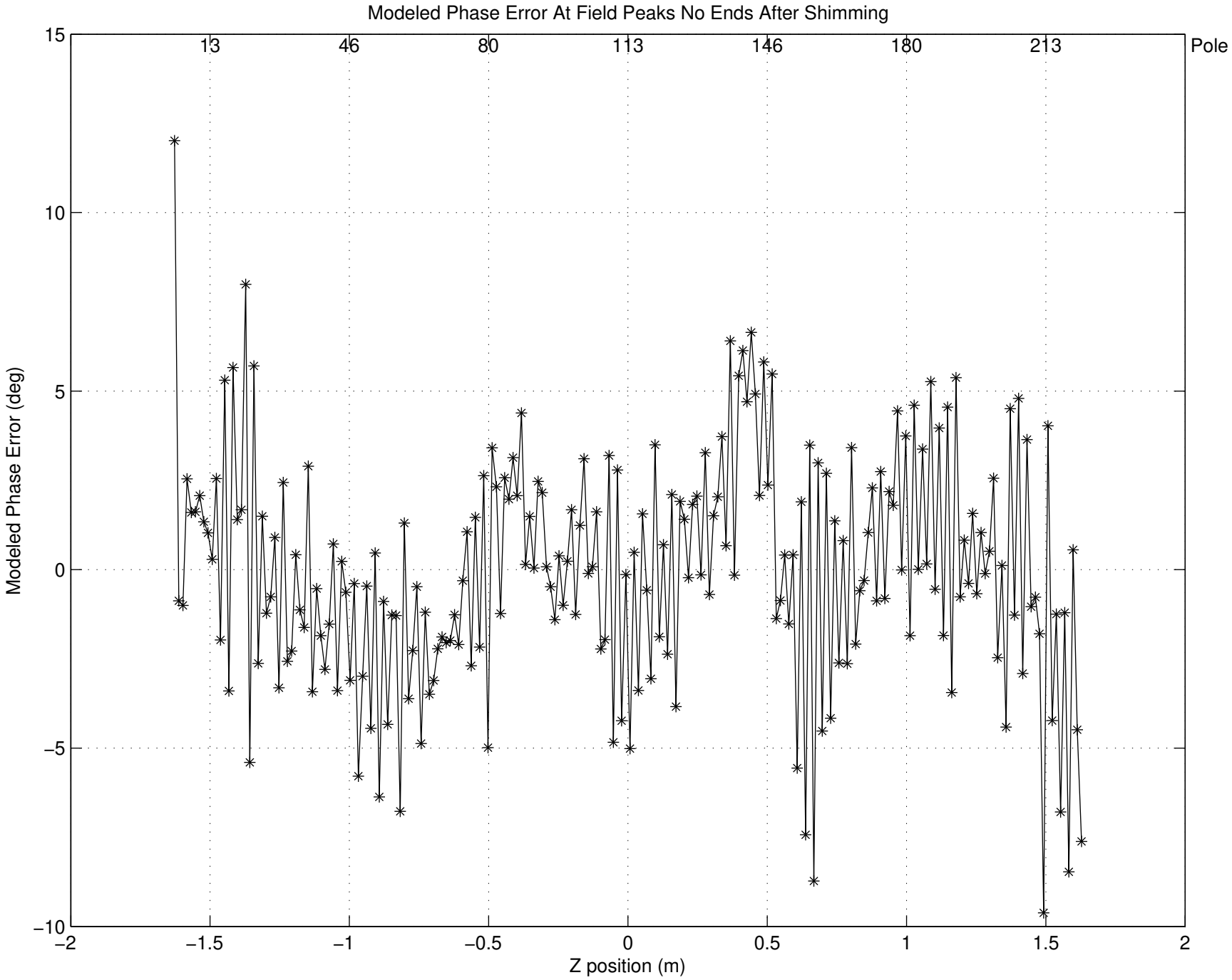
SLAC Magnetic Measurements
Date: 09−20−2013
Time: 13:49:33

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−39
DATASET Number: 8
Tuning Stage: Fine Tuning
Run Number: 3
Measurement Type: Z Scans
Operator: YL
Comment: tuning
Session first run: 3
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: c:\magdata\LCLS\Undulator\L143−112000−39\DATASET0008\Fine Tuning\Z Scans\Run 003\bscanz.dat

Temperature (C)
L143−112000−39:−−> T1 20.01 −−> T2 20.00 −−> T5 19.94 −−> T3 20.00 −−> Air 20.00 −−> T4 19.98

Axes position (m) X:0.029509 Y:0.000185
Initial Hall Probe Zero Measurements:
Vx_0i = 0.000838 V
Vy_0i = −0.003201 V



Phase Error: Ave = 0.000000 deg, RMS = 3.232580 deg