SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

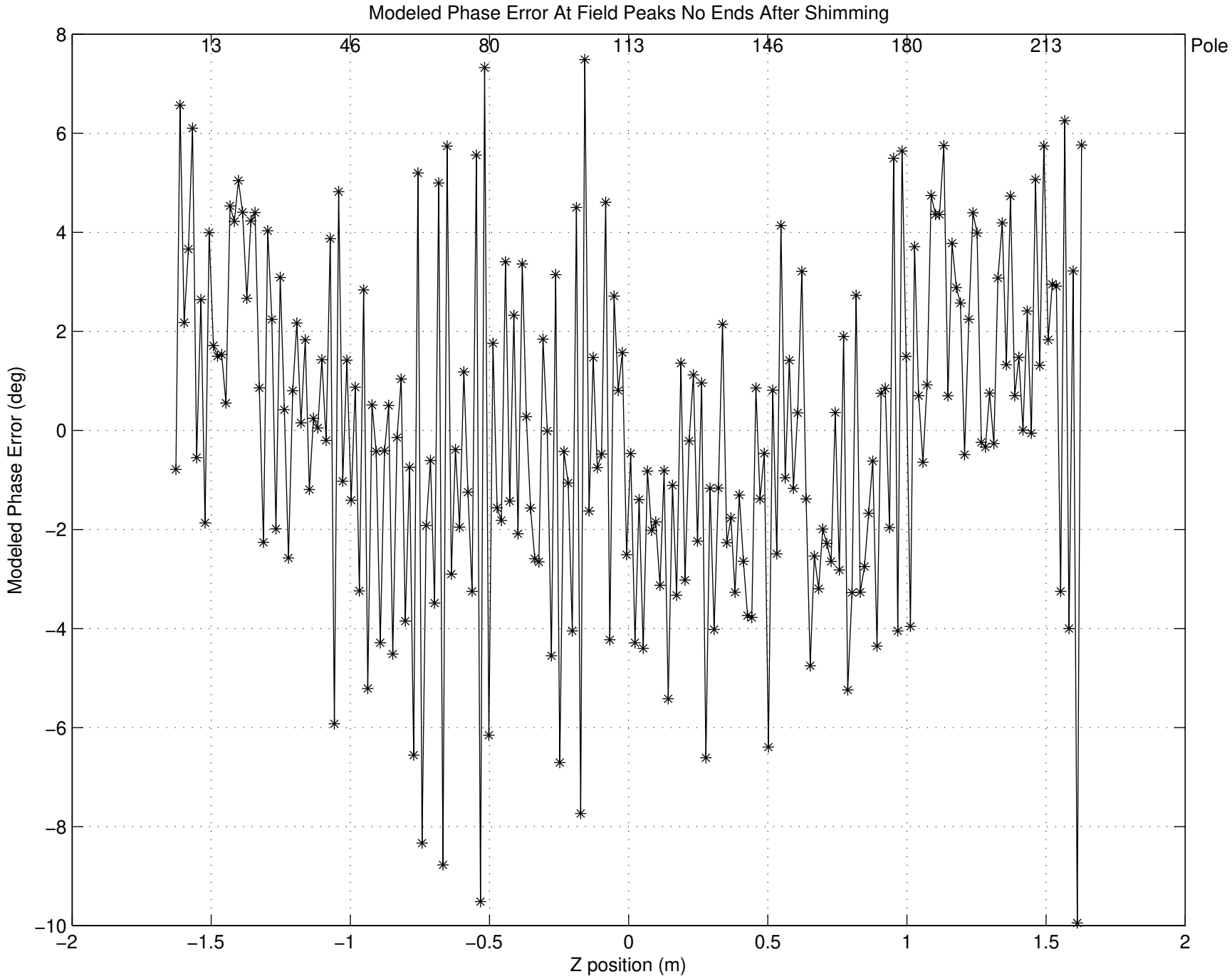
SLAC Magnetic Measurements
Date: 09−21−2012
Time: 09:36:56

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−20
DATASET Number: 8
Tuning Stage: Fine Tuning
Run Number: 9
Measurement Type: Z Scans
Operator: YL
Comment: at min K
Session first run: 9
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−20\DATASET0008\Fine Tuning\Z Scans\Run 009\bscanz.dat

Temperature (C)
L143−112000−20:−−> T1 20.07 −−> T2 20.07 −−> T5 20.02 −−> T3 20.07 −−> Air 20.04 −−> T4 20.05

Axes position (m) X:0.029874 Y:0.000275
Initial Hall Probe Zero Measurements:
Vx_0i = 0.000955 V
Vy_0i = −0.003317 V



Phase Error: Ave = −0.000000 deg, RMS = 3.390512 deg