SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

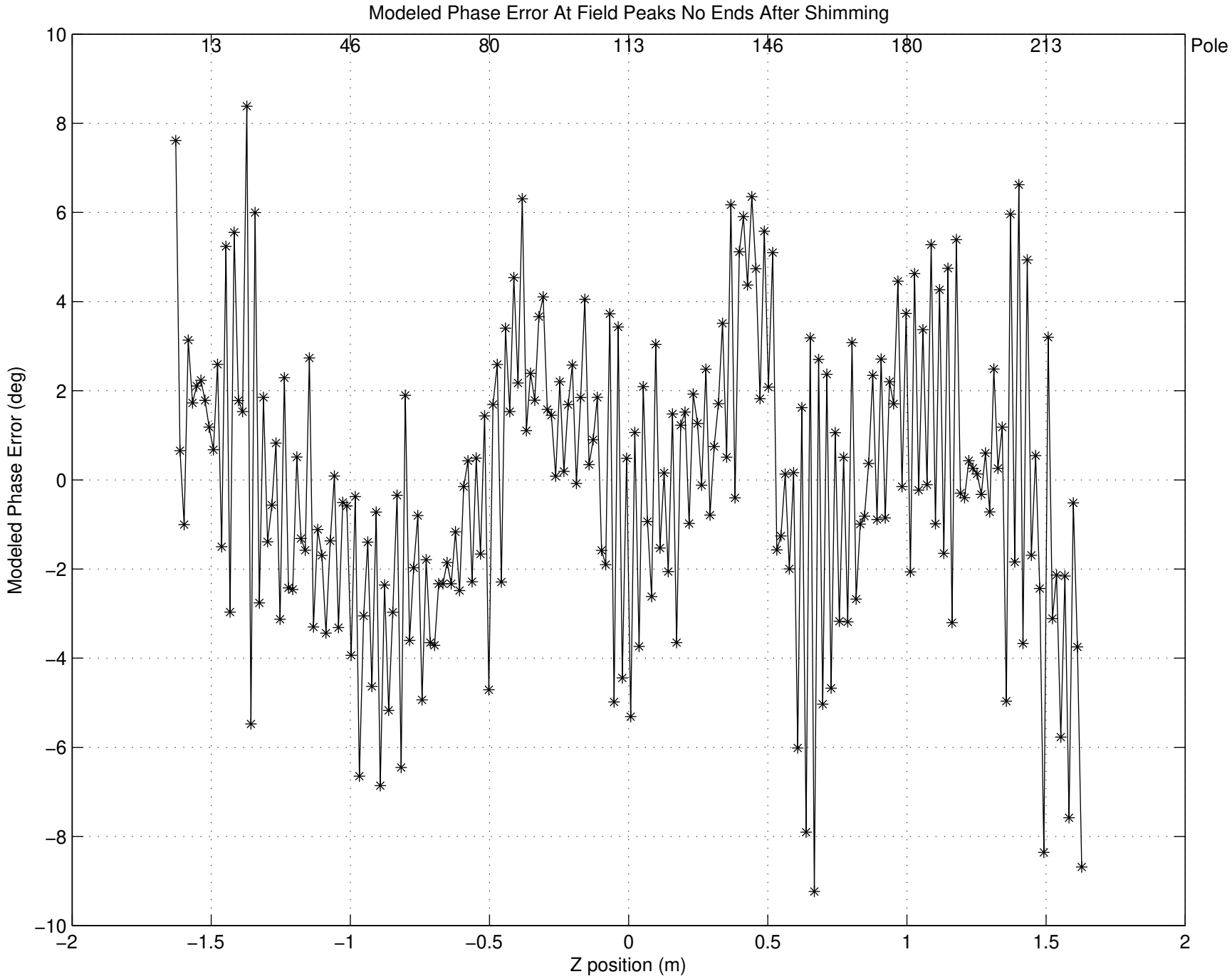
SLAC Magnetic Measurements
Date: 09−24−2013
Time: 09:54:34

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−39
DATASET Number: 8
Tuning Stage: Fine Tuning
Run Number: 7
Measurement Type: Z Scans
Operator: YL
Comment: find Y at min K; before final scan
Session first run: 7
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: c:\magdata\LCLS\Undulator\L143−112000−39\DATASET0008\Fine Tuning\Z Scans\Run 007\bscanz.dat

Temperature (C)
L143−112000−39:−−> T1 19.99 −−> T2 19.98 −−> T5 19.93 −−> T3 19.99 −−> Air 19.90 −−> T4 19.97

Axes position (m) X:0.029767 Y:0.000185
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001006 V
Vy_0i = −0.003164 V



Phase Error: Ave = 0.000000 deg, RMS = 3.275691 deg