SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

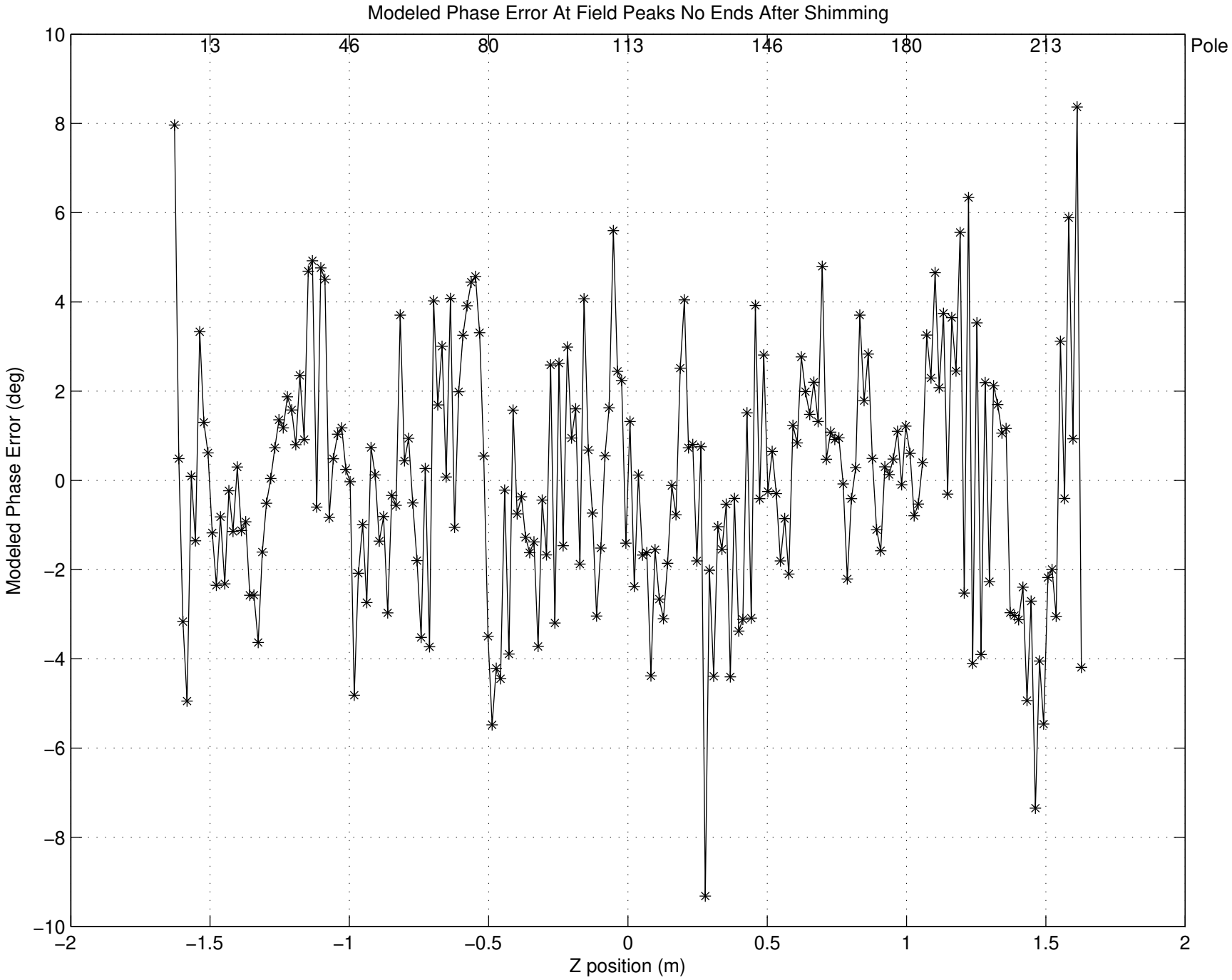
SLAC Magnetic Measurements
Date: 02−09−2012
Time: 13:38:36

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−01
DATASET Number: 2
Tuning Stage: Fine Tuning
Run Number: 3
Measurement Type: Z Scans
Operator: YL
Comment: tuning
Session first run: 2
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−01\DATASET0002\Fine Tuning\Z Scans\Run 003\bscanz.dat

Temperature (C)
L143−112000−01:−−> T1 19.99 −−> T2 19.98 −−> T5 19.95 −−> T3 19.98 −−> Air 19.96 −−> T4 19.97

Axes position (m) X:0.030155 Y:0.000226
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001009 V
Vy_0i = −0.003619 V



Phase Error: Ave = 0.000000 deg, RMS = 2.741581 deg