SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

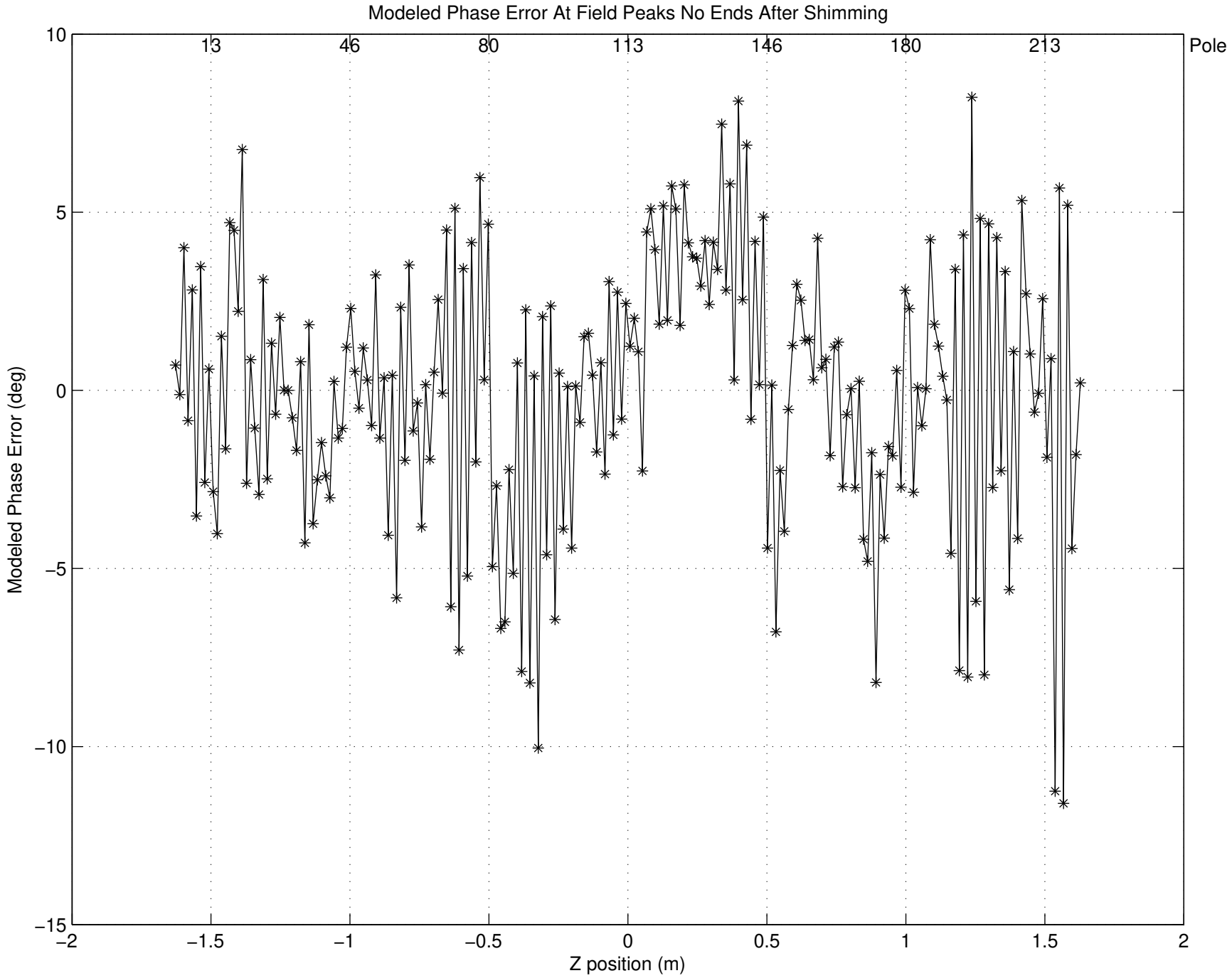
SLAC Magnetic Measurements
Date: 08−24−2011
Time: 14:50:43

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−11
DATASET Number: 3
Tuning Stage: Fine Tuning
Run Number: 7
Measurement Type: Z Scans
Operator: YL
Comment: tuning
Session first run: 3
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−11\DATASET0003\Fine Tuning\Z Scans\Run 007\bscanz.dat

Temperature (C)
L143−112000−11:−−> T1 19.98 −−> T2 19.96 −−> T5 19.94 −−> T3 19.96 −−> Air 20.10 −−> T4 19.96

Axes position (m) X:0.027710 Y:0.000289
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001053 V
Vy_0i = −0.003022 V



Phase Error: Ave = −0.000000 deg, RMS = 3.703335 deg