SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

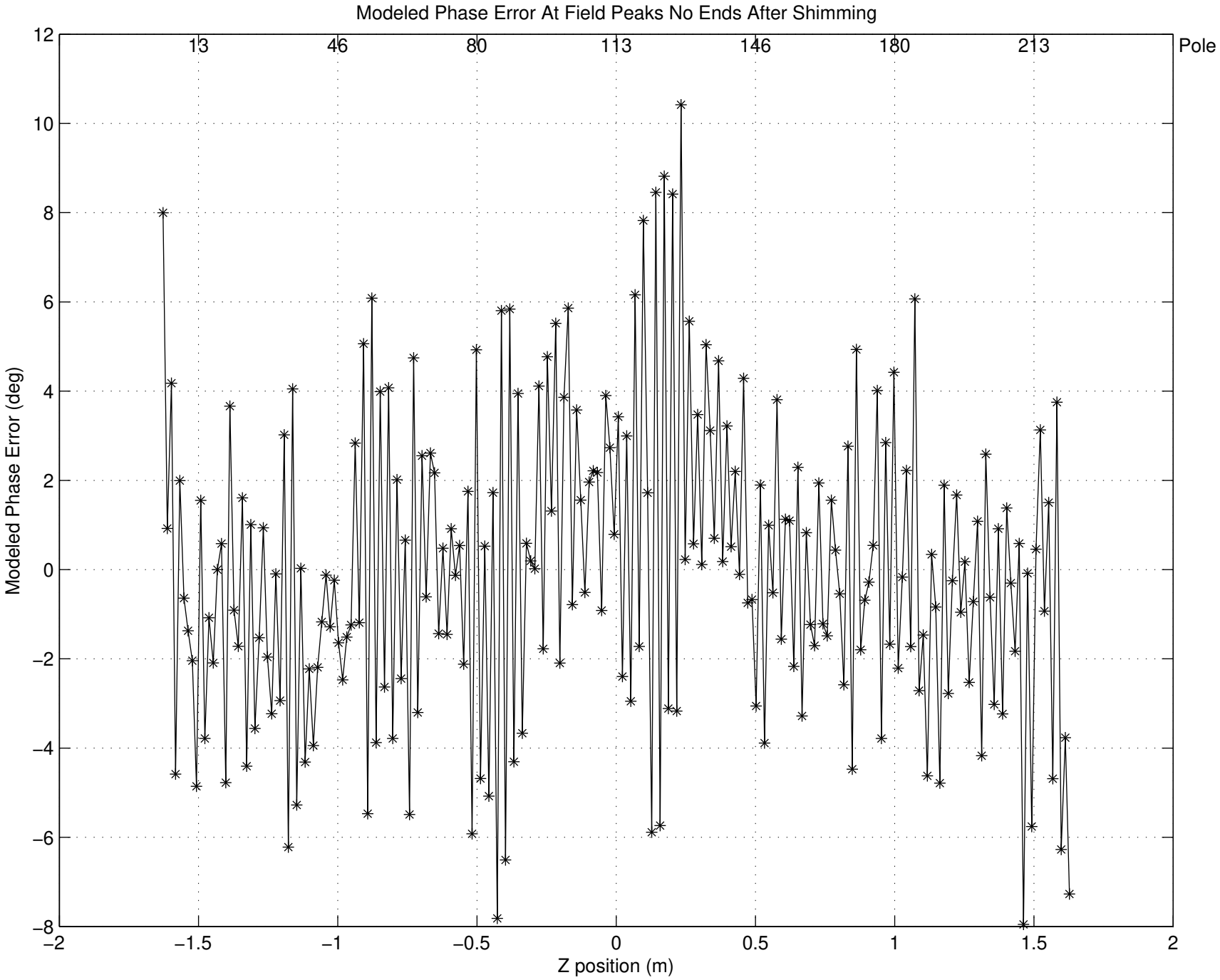
SLAC Magnetic Measurements
Date: 08−23−2013
Time: 11:36:31

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−35
DATASET Number: 5
Tuning Stage: Fine Tuning
Run Number: 11
Measurement Type: Z Scans
Operator: YL
Comment: check
Session first run: 11
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−35\DATASET0005\Fine Tuning\Z Scans\Run 011\bscanz.dat

Temperature (C)
L143−112000−35:−−> T1 19.98 −−> T2 19.97 −−> T5 19.92 −−> T3 19.97 −−> Air 19.92 −−> T4 19.95

Axes position (m) X:0.029663 Y:0.000236
Initial Hall Probe Zero Measurements:
Vx_0i = 0.000803 V
Vy_0i = −0.002925 V



Phase Error: Ave = −0.000000 deg, RMS = 3.415549 deg