SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

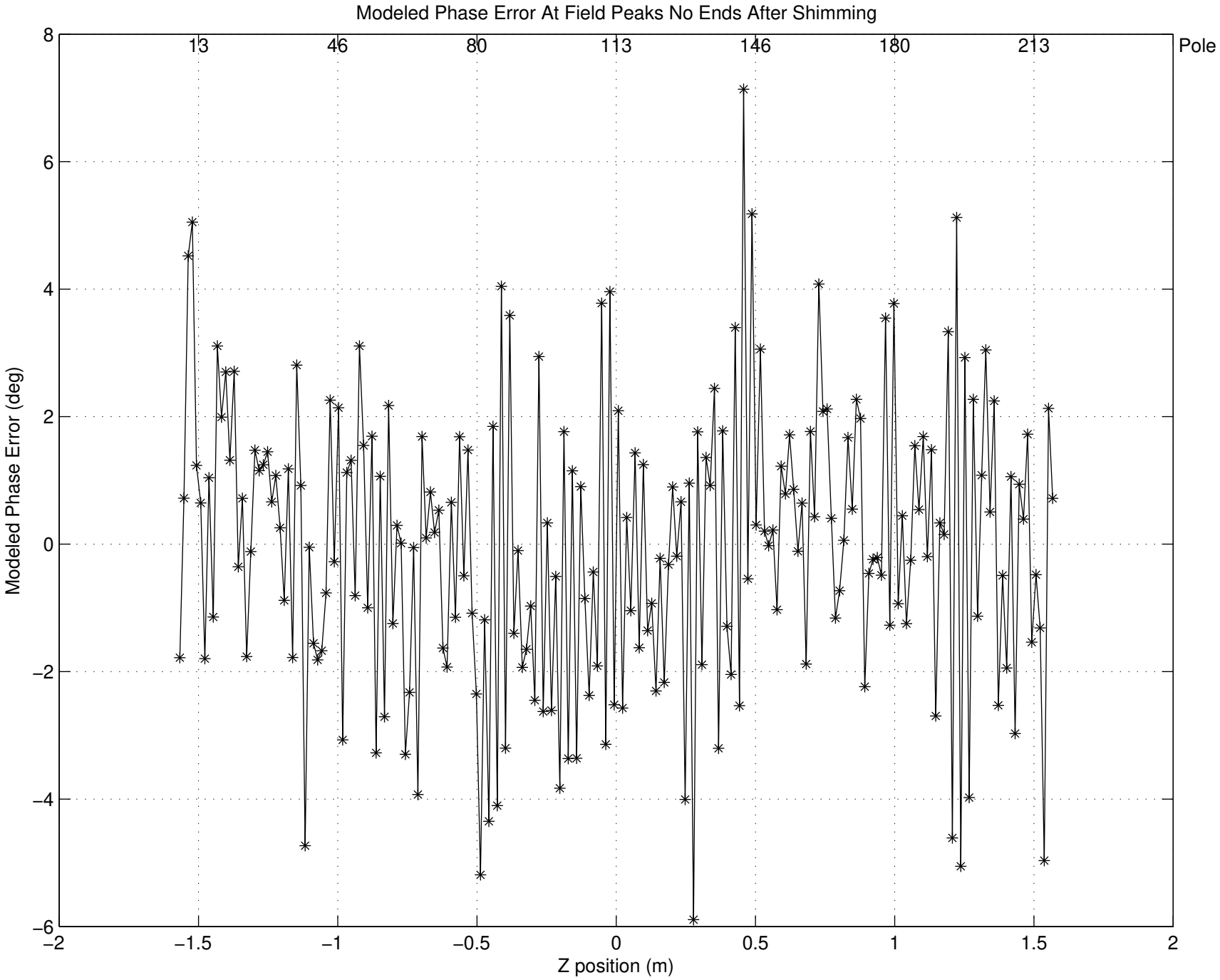
SLAC Magnetic Measurements
Date: 07−09−2010
Time: 09:34:47

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−01
DATASET Number: 1
Tuning Stage: Fine Tuning
Run Number: 18
Measurement Type: Z Scans
Operator: YL
Comment: check before final scan
Session first run: 18
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−01\DATASET0001\Fine Tuning\Z Scans\Run 018\bscanz.dat

Temperature (C)
L143−112000−01:−−> T5 19.98 −−> T2 19.98 −−> T1 20.00 −−> T3 19.98 −−> Air 20.02 −−> T4 19.98

Axes position (m) X:0.038617 Y:0.000218
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001189 V
Vy_0i = −0.003010 V



Phase Error: Ave = −0.000000 deg, RMS = 2.218436 deg